

Time Weighted/Integrated Real Time LBMP- Generator

		--- LBMP \$					--- Marginal Cost of Losses					--- Marginal Cost of Congestion																	
Generator Data		11/04/2024																											
Name		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				
PTID		EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST				
59TH STREET_GT_1		17.77	21.84	17.49	17.46	23.12	26.98	42.35	38.52	33.24	36.69	33.02	31.49	83.75	30.06	33.77	30.50	50.99	51.21	50.01	46.26	48.74	27.16	30.62	21.59				
24138		0.90	1.05	0.85	0.78	0.96	1.38	2.34	2.23	2.19	2.30	2.19	1.75	1.74	1.96	2.41	2.16	3.54	3.91	3.68	3.41	3.63	2.07	1.82	1.45				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-6.75	-57.68	-1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-5.14	-0.65				
74TH STREET_GT_1		17.81	21.89	17.53	17.49	23.17	27.04	42.44	38.61	33.29	36.74	33.07	31.52	83.76	30.09	33.82	30.54	51.08	51.29	50.09	46.36	48.82	27.21	30.65	21.62				
24260		0.93	1.11	0.90	0.82	1.02	1.44	2.43	2.32	2.24	2.35	2.24	1.79	1.77	1.99	2.46	2.20	3.63	3.99	3.76	3.50	3.72	2.11	1.85	1.49				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-6.75	-57.66	-1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-5.13	-0.65				
74TH STREET_GT_2		17.81	21.89	17.53	17.49	23.17	27.04	42.44	38.61	33.29	36.74	33.07	31.52	83.76	30.09	33.82	30.54	51.08	51.29	50.09	46.36	48.82	27.21	30.65	21.62				
24261		0.93	1.11	0.90	0.82	1.02	1.44	2.43	2.32	2.24	2.35	2.24	1.79	1.77	1.99	2.46	2.20	3.63	3.99	3.76	3.50	3.72	2.11	1.85	1.49				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-6.75	-57.66	-1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-5.13	-0.65				
ADK HUDSON___FALLS		17.71	21.80	17.47	17.50	23.39	27.16	42.51	38.72	33.20	36.76	32.76	26.34	41.66	28.93	33.33	30.18	50.83	50.74	49.74	45.91	48.19	26.68	26.80	20.90				
24011		0.84	1.02	0.84	0.83	1.24	1.56	2.50	2.43	2.15	2.36	2.09	1.54	1.51	1.62	1.97	1.84	3.38	3.44	3.41	3.06	3.08	1.69	1.58	1.21				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-1.82	-15.81	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-1.56	-0.20				
ADK RESOURCE___RCVRY		17.75	21.86	17.51	17.54	23.50	27.31	42.74	38.98	33.38	36.95	32.96	26.44	41.72	29.03	33.46	30.34	51.29	51.11	50.12	46.24	48.47	26.84	26.97	21.01				
23798		0.88	1.07	0.87	0.87	1.34	1.71	2.74	2.69	2.33	2.56	2.29	1.65	1.61	1.72	2.10	2.00	3.84	3.81	3.79	3.39	3.36	1.86	1.74	1.33				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-1.82	-15.77	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-1.55	-0.20				
ADK S GLENS___FALLS		17.71	21.80	17.47	17.50	23.39	27.16	42.51	38.72	33.20	36.76	32.76	26.34	41.66	28.93	33.33	30.18	50.83	50.74	49.74	45.91	48.19	26.68	26.80	20.90				
24028		0.84	1.02	0.84	0.83	1.24	1.56	2.50	2.43	2.15	2.36	2.09	1.54	1.51	1.62	1.97	1.84	3.38	3.44	3.41	3.06	3.08	1.69	1.58	1.21				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-1.82	-15.81	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-1.56	-0.20				
ADK_NYS___DAM		17.87	22.00	17.63	17.65	23.51	27.26	42.33	38.57	33.17	36.73	32.79	26.72	44.70	29.05	33.41	30.17	50.21	50.24	49.27	45.60	48.27	26.78	27.14	21.01				
23527		1.00	1.22	1.00	0.98	1.35	1.67	2.32	2.28	2.12	2.33	2.12	1.59	1.61	1.69	2.05	1.82	2.77	2.94	2.94	2.74	3.16	1.79	1.62	1.29				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-2.14	-18.75	-0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-1.85	-0.23				
AIR_PRODUCTS___DRP		17.30	21.31	17.08	17.10	22.75	26.37	41.15	37.41	32.14	35.57	31.71	25.73	41.64	28.25	32.50	29.37	49.07	49.10	48.06	44.47	46.85	25.96	26.13	20.29				
24190		0.43	0.52	0.45	0.43	0.59	0.77	1.14	1.12	1.09	1.18	1.05	0.84	0.85	0.93	1.14	1.03	1.63	1.80	1.73	1.62	1.74	0.98	0.84	0.60				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-1.90	-16.45	-0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-1.62	-0.20				
AKWESSNE_115KV_BK		17.05	21.03	16.85	16.93	22.52	25.93	40.63	36.80	31.29	34.76	30.93	23.10	24.44	27.13	31.44	28.41	47.46	47.13	46.12	42.75	44.98	24.90	23.68	19.45				
355683		0.18	0.25	0.21	0.26	0.36	0.33	0.61	0.51	0.24	0.36	0.32	0.12	0.11	0.12	0.08	0.07	0.01	-0.16	-0.21	-0.10	-0.13	-0.04	0.02	-0.04				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		17.50	21.57	17.29	17.33	23.08	26.76	41.75	37.92	32.47	35.91	31.87	25.45	38.28	28.44	32.81	29.68	49.66	49.64	48.62	44.99	47.38	26.23	26.08	20.52				
323833		0.64	0.78	0.66	0.66	0.92	1.17	1.74	1.62	1.41	1.52	1.22	0.98	1.04	1.19	1.45	1.34	2.21	2.35	2.29	2.13	2.28	1.26	1.14	0.87				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-1.49	-12.90	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-1.27	-0.16				
ALBANY_2_SOLAR		17.50	21.56	17.29	17.33	23.08	26.76	41.74	37.89	32.45	35.91	31.86	25.45	38.30	28.44	32.80	29.67	49.64	49.62	48.59	44.97	47.37	26.23	26.08	20.51				
323834		0.63	0.77	0.65	0.65	0.92	1.16	1.73	1.60	1.40	1.52	1.20	0.97	1.04	1.18	1.44	1.33	2.19	2.32	2.26	2.12	2.27	1.26	1.14	0.86				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-1.50	-12.93	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-1.27	-0.16				
ALBANY___1		17.30	21.31	17.08	17.10	22.75	26.37	41.15	37.41	32.14	35.57	31.71	25.73	41.64	28.25	32.50	29.37	49.07	49.10	48.06	44.47	46.85	25.96	26.13	20.29				
23571		0.43	0.52	0.45	0.43	0.59	0.77	1.14	1.12	1.09	1.18	1.05	0.84	0.85	0.93	1.14	1.03	1.63	1.80	1.73	1.62	1.74	0.98	0.84	0.60				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-1.90	-16.45	-0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-1.62	-0.20				

ALBANY___2 23572	17.30 0.43 0.00	21.31 0.52 0.00	17.08 0.45 0.00	17.10 0.43 0.00	22.75 0.59 0.00	26.37 0.77 0.00	41.15 1.14 0.00	37.41 1.12 0.00	32.14 1.09 0.00	35.57 1.18 0.00	31.71 1.05 -0.06	25.73 0.84 -1.90	41.64 0.85 -16.45	28.25 0.93 -0.31	32.50 1.14 0.00	29.37 1.03 0.00	49.07 1.63 0.00	49.10 1.80 0.00	48.06 1.73 0.00	44.47 1.62 0.00	46.85 1.74 0.00	25.96 0.98 -0.05	26.13 0.84 -1.62	20.29 0.60 -0.20
ALBANY___3 23573	17.30 0.43 0.00	21.31 0.52 0.00	17.08 0.45 0.00	17.10 0.43 0.00	22.75 0.59 0.00	26.37 0.77 0.00	41.15 1.14 0.00	37.41 1.12 0.00	32.14 1.09 0.00	35.57 1.18 0.00	31.71 1.05 -0.06	25.73 0.84 -1.90	41.64 0.85 -16.45	28.25 0.93 -0.31	32.50 1.14 0.00	29.37 1.03 0.00	49.07 1.63 0.00	49.10 1.80 0.00	48.06 1.73 0.00	44.47 1.62 0.00	46.85 1.74 0.00	25.96 0.98 -0.05	26.13 0.84 -1.62	20.29 0.60 -0.20
ALBANY___4 23574	17.30 0.43 0.00	21.31 0.52 0.00	17.08 0.45 0.00	17.10 0.43 0.00	22.75 0.59 0.00	26.37 0.77 0.00	41.15 1.14 0.00	37.41 1.12 0.00	32.14 1.09 0.00	35.57 1.18 0.00	31.71 1.05 -0.06	25.73 0.84 -1.90	41.64 0.85 -16.45	28.25 0.93 -0.31	32.50 1.14 0.00	29.37 1.03 0.00	49.07 1.63 0.00	49.10 1.80 0.00	48.06 1.73 0.00	44.47 1.62 0.00	46.85 1.74 0.00	25.96 0.98 -0.05	26.13 0.84 -1.62	20.29 0.60 -0.20
ALBANY___LFGE 323615	17.42 0.55 0.00	21.46 0.67 0.00	17.20 0.57 0.00	17.22 0.55 0.00	22.91 0.76 0.00	26.56 0.96 0.00	41.48 1.46 0.00	37.72 1.42 0.00	32.40 1.35 0.00	35.88 1.49 0.00	31.98 1.31 -0.06	25.92 1.04 -1.90	41.82 1.07 -16.42	28.48 1.16 -0.31	32.77 1.41 0.00	29.61 1.27 0.00	49.50 2.05 0.00	49.52 2.22 0.00	48.48 2.15 0.00	44.84 1.99 0.00	47.22 2.11 0.00	26.16 1.17 -0.05	26.31 1.02 -1.62	20.44 0.75 -0.20
ALCOA_PA_115KV_PL-6C 55860	17.09 0.22 0.00	21.10 0.31 0.00	16.90 0.26 0.00	16.98 0.31 0.00	22.58 0.42 0.00	26.01 0.41 0.00	40.75 0.74 0.00	36.91 0.62 0.00	31.38 0.33 0.00	34.87 0.48 0.00	31.02 0.42 0.00	23.18 0.20 0.00	24.52 0.19 0.00	27.22 0.21 0.00	31.54 0.18 0.00	28.51 0.17 0.00	47.61 0.16 0.00	47.28 -0.01 0.00	46.28 -0.05 0.00	42.90 0.04 0.00	45.13 0.01 0.00	24.98 0.05 0.00	23.77 0.10 0.00	19.52 0.03 0.00
ALCOA_RYNLDS___DRP 24188	17.09 0.22 0.00	21.10 0.31 0.00	16.90 0.26 0.00	16.98 0.31 0.00	22.58 0.42 0.00	26.01 0.41 0.00	40.75 0.74 0.00	36.91 0.62 0.00	31.38 0.33 0.00	34.87 0.48 0.00	31.02 0.42 0.00	23.18 0.20 0.00	24.52 0.19 0.00	27.22 0.21 0.00	31.54 0.18 0.00	28.51 0.17 0.00	47.61 0.16 0.00	47.28 -0.01 0.00	46.28 -0.05 0.00	42.90 0.04 0.00	45.13 0.01 0.00	24.98 0.05 0.00	23.77 0.10 0.00	19.52 0.03 0.00
ALCOA___DSASP 323711	17.09 0.22 0.00	21.10 0.31 0.00	16.90 0.26 0.00	16.98 0.31 0.00	22.58 0.42 0.00	26.01 0.41 0.00	40.76 0.74 0.00	36.91 0.62 0.00	31.38 0.33 0.00	34.87 0.48 0.00	31.02 0.42 0.00	23.18 0.20 0.00	24.52 0.19 0.00	27.22 0.21 0.00	31.55 0.18 0.00	28.51 0.17 0.00	47.61 0.16 0.00	47.28 -0.01 0.00	46.28 -0.05 0.00	42.90 0.04 0.00	45.13 0.01 0.00	24.98 0.05 0.00	23.77 0.10 0.00	19.52 0.03 0.00
ALLEGHENY___COGEN 23514	16.20 -0.67 0.00	20.04 -0.74 0.00	15.70 -0.84 0.10	15.85 -0.82 0.00	21.14 -1.02 0.00	24.71 -0.89 0.00	39.20 -1.17 -0.36	46.95 -1.29 -11.95	30.01 -1.16 -0.12	32.98 -1.42 0.00	28.93 -1.67 0.00	21.84 -1.14 0.00	23.51 -0.83 0.00	25.86 -1.15 0.00	29.67 -1.70 -0.01	26.81 -1.53 0.00	46.00 -1.45 0.00	46.20 -1.11 0.00	45.73 -0.60 0.00	41.91 -0.94 0.00	44.02 -1.09 0.00	24.05 -0.88 0.00	22.79 -0.88 0.00	18.64 -0.85 0.00
ALTAMONT_115KV_TB 2 55880	17.27 0.40 0.00	21.26 0.48 0.00	17.04 0.41 0.00	17.07 0.40 0.00	22.70 0.54 0.00	26.30 0.70 0.00	41.07 1.05 0.00	37.31 1.02 0.00	32.04 0.98 0.00	35.45 1.06 0.00	31.60 0.94 -0.06	25.60 0.76 -1.86	41.17 0.76 -16.08	28.15 0.84 -0.30	32.39 1.03 0.00	29.26 0.92 0.00	48.94 1.50 0.00	48.95 1.65 0.00	47.92 1.59 0.00	44.33 1.48 0.00	46.69 1.58 0.00	25.87 0.89 -0.05	26.03 0.78 -1.58	20.29 0.60 -0.20
ALTONA_WT_PWR 323606	17.28 0.41 0.00	21.24 0.45 0.00	17.14 0.51 0.00	17.22 0.55 0.00	23.06 0.90 0.00	26.62 1.03 0.00	41.60 1.58 0.00	37.81 1.52 0.00	32.00 0.94 0.00	35.72 1.33 0.00	31.92 1.31 0.00	23.93 0.95 0.00	25.03 0.69 0.00	27.68 0.67 0.00	32.12 0.76 0.00	28.63 0.29 0.00	47.36 -0.09 0.00	46.15 -1.15 0.00	44.87 -1.46 0.00	41.48 -1.38 0.00	43.37 -1.73 0.00	24.41 -0.52 0.00	23.53 -0.14 0.00	19.23 -0.26 0.00
AMERICAN_REF_FUEL 24010	15.14 -1.73 0.00	18.82 -1.97 0.00	14.61 -1.96 0.06	14.74 -1.94 0.00	19.64 -2.52 0.00	22.82 -2.77 0.00	35.35 -4.58 0.08	29.07 -4.44 2.78	27.39 -3.64 0.03	30.36 -4.04 0.00	26.95 -3.65 0.00	20.49 -2.49 0.00	21.76 -2.58 0.00	24.13 -2.88 0.00	27.68 -3.68 0.00	25.15 -3.19 0.00	42.83 -4.61 0.00	42.13 -5.17 0.00	41.76 -4.57 0.00	38.24 -4.61 0.00	40.08 -5.03 0.00	21.95 -2.98 0.00	20.91 -2.76 0.00	17.08 -2.41 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.18 -1.69 0.00	18.87 -1.91 0.00	14.68 -1.88 0.08	14.85 -1.83 0.00	19.73 -2.43 0.00	23.07 -2.53 0.00	35.96 -3.96 0.08	29.85 -3.71 2.73	28.14 -2.88 0.03	31.20 -3.20 0.00	27.72 -2.88 0.00	20.95 -2.03 0.00	22.35 -1.98 0.00	24.99 -2.02 0.00	28.73 -2.63 0.00	25.70 -2.64 0.00	44.02 -3.43 0.00	43.09 -4.20 0.00	42.89 -3.44 0.00	39.20 -3.65 0.00	41.46 -3.65 0.00	22.56 -2.37 0.00	21.52 -2.15 0.00	17.53 -1.96 0.00
ARTHUR KILL_GT_1 23520	17.80 0.93 0.00	21.90 1.11 0.00	17.53 0.90 0.00	17.48 0.81 0.00	23.17 1.01 0.00	27.05 1.45 0.00	42.33 2.32 0.00	38.48 2.19 0.00	33.24 2.18 0.00	36.45 2.05 0.00	32.91 2.08 -0.23	31.39 1.66 -6.75	83.60 1.61 -57.66	29.92 1.81 -1.09	33.66 2.30 0.00	30.37 2.03 0.00	50.64 3.20 0.00	51.00 3.70 0.00	49.83 3.50 0.00	46.15 3.30 0.00	48.58 3.47 0.00	27.24 2.15 -0.16	30.67 1.87 -5.13	21.67 1.53 -0.65
ARTHUR_KILL_2 23512	17.76 0.89 0.00	21.84 1.06 0.00	17.49 0.86 0.00	17.44 0.77 0.00	23.11 0.95 0.00	26.98 1.38 0.00	42.22 2.21 0.00	38.38 2.09 0.00	33.14 2.09 0.00	36.36 1.96 0.00	32.83 2.00 -0.23	31.34 1.61 -6.75	83.55 1.56 -57.66	29.85 1.75 -1.09	33.59 2.22 0.00	30.29 1.95 0.00	50.49 3.04 0.00	50.85 3.55 0.00	49.69 3.36 0.00	46.01 3.16 0.00	48.44 3.33 0.00	27.17 2.07 -0.16	30.60 1.80 -5.13	21.62 1.48 -0.65
ARTHUR_KILL_3 23513	17.67 0.80 0.00	21.73 0.94 0.00	17.39 0.75 0.00	17.35 0.68 0.00	22.98 0.82 0.00	26.82 1.23 0.00	42.09 2.07 0.00	38.23 1.94 0.00	32.95 1.89 0.00	36.33 1.94 0.00	32.69 1.86 -0.23	31.25 1.52 -6.75	83.49 1.49 -57.66	29.80 1.70 -1.09	33.51 2.14 0.00	30.25 1.91 0.00	50.57 3.12 0.00	50.79 3.49 0.00	49.61 3.28 0.00	45.93 3.07 0.00	48.38 3.27 0.00	26.98 1.89 -0.16	30.46 1.65 -5.13	21.47 1.33 -0.65

ARTHUR_KILL_COGEN 323718	17.80 0.93 0.00	21.90 1.11 0.00	17.53 0.90 0.00	17.48 0.81 0.00	23.17 1.01 0.00	27.05 1.45 0.00	42.33 2.32 0.00	38.48 2.19 0.00	33.24 2.18 0.00	36.45 2.05 0.00	32.91 2.08 -0.23	31.39 1.66 -6.75	83.60 1.61 -57.66	29.92 1.81 -1.09	33.66 2.30 0.00	30.37 2.03 0.00	50.64 3.20 0.00	51.00 3.70 0.00	49.83 3.50 0.00	46.15 3.30 0.00	48.58 3.47 0.00	27.24 2.15 -0.16	30.67 1.87 -5.13	21.67 1.53 -0.65
ASHOKAN____ 23654	17.67 0.80 0.00	21.75 0.96 0.00	17.44 0.81 0.00	17.48 0.81 0.00	23.28 1.13 0.00	27.08 1.48 0.00	42.34 2.32 0.00	38.57 2.28 0.00	32.98 1.93 0.00	36.38 1.98 0.00	32.26 1.65 0.00	24.30 1.32 0.00	25.70 1.36 0.00	28.44 1.43 0.00	33.27 1.91 0.00	30.16 1.82 0.00	50.54 3.09 0.00	50.65 3.35 0.00	49.59 3.26 0.00	45.78 2.93 0.00	48.14 3.03 0.00	26.56 1.63 0.00	25.16 1.49 0.00	20.55 1.06 0.00
ASTORIA_EAST_ENERGY_CC1 323581	17.68 0.81 0.00	21.74 0.96 0.00	17.39 0.76 0.00	17.34 0.67 0.00	22.97 0.82 0.00	26.81 1.21 0.00	42.06 2.05 0.00	38.29 2.00 0.00	33.07 2.01 0.00	36.41 2.02 0.00	32.83 2.00 -0.23	31.31 1.58 -6.75	83.54 1.54 -57.66	29.84 1.74 -1.09	33.51 2.15 0.00	30.23 1.89 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.66 3.33 0.00	46.00 3.15 0.00	48.48 3.37 0.00	27.02 1.92 -0.16	30.47 1.66 -5.13	21.48 1.34 -0.65
ASTORIA_EAST_ENERGY_CC2 323582	17.68 0.81 0.00	21.74 0.96 0.00	17.39 0.76 0.00	17.34 0.67 0.00	22.97 0.82 0.00	26.81 1.21 0.00	42.06 2.05 0.00	38.29 2.00 0.00	33.07 2.01 0.00	36.41 2.02 0.00	32.83 2.00 -0.23	31.31 1.58 -6.75	83.54 1.54 -57.66	29.84 1.74 -1.09	33.51 2.15 0.00	30.23 1.89 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.66 3.33 0.00	46.00 3.15 0.00	48.48 3.37 0.00	27.02 1.92 -0.16	30.47 1.66 -5.13	21.48 1.34 -0.65
ASTORIA_GT2_1 24094	17.68 0.81 0.00	21.74 0.96 0.00	17.39 0.76 0.00	17.34 0.67 0.00	22.97 0.82 0.00	26.81 1.21 0.00	42.06 2.05 0.00	38.29 2.00 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.83 1.99 -0.23	31.31 1.58 -6.75	83.54 1.54 -57.66	29.84 1.74 -1.09	33.51 2.15 0.00	30.23 1.90 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.66 3.33 0.00	46.00 3.15 0.00	48.48 3.37 0.00	27.02 1.92 -0.16	30.46 1.66 -5.13	21.48 1.34 -0.65
ASTORIA_GT2_2 24095	17.68 0.81 0.00	21.74 0.96 0.00	17.39 0.76 0.00	17.34 0.67 0.00	22.97 0.82 0.00	26.81 1.21 0.00	42.06 2.05 0.00	38.29 2.00 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.83 1.99 -0.23	31.31 1.58 -6.75	83.54 1.54 -57.66	29.84 1.74 -1.09	33.51 2.15 0.00	30.23 1.90 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.66 3.33 0.00	46.00 3.15 0.00	48.48 3.37 0.00	27.02 1.92 -0.16	30.46 1.66 -5.13	21.48 1.34 -0.65
ASTORIA_GT2_3 24096	17.68 0.81 0.00	21.74 0.96 0.00	17.39 0.76 0.00	17.34 0.67 0.00	22.97 0.82 0.00	26.81 1.21 0.00	42.06 2.05 0.00	38.29 2.00 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.83 1.99 -0.23	31.31 1.58 -6.75	83.54 1.54 -57.66	29.84 1.74 -1.09	33.51 2.15 0.00	30.23 1.90 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.66 3.33 0.00	46.00 3.15 0.00	48.48 3.37 0.00	27.02 1.92 -0.16	30.46 1.66 -5.13	21.48 1.34 -0.65
ASTORIA_GT2_4 24097	17.68 0.81 0.00	21.74 0.96 0.00	17.39 0.76 0.00	17.34 0.67 0.00	22.97 0.82 0.00	26.81 1.21 0.00	42.06 2.05 0.00	38.29 2.00 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.83 1.99 -0.23	31.31 1.58 -6.75	83.54 1.54 -57.66	29.84 1.74 -1.09	33.51 2.15 0.00	30.23 1.90 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.66 3.33 0.00	46.00 3.15 0.00	48.48 3.37 0.00	27.02 1.92 -0.16	30.46 1.66 -5.13	21.48 1.34 -0.65
ASTORIA_GT3_1 24098	17.68 0.81 0.00	21.74 0.96 0.00	17.39 0.76 0.00	17.34 0.67 0.00	22.97 0.82 0.00	26.81 1.21 0.00	42.06 2.05 0.00	38.29 2.00 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.83 1.99 -0.23	31.31 1.58 -6.75	83.54 1.54 -57.66	29.84 1.74 -1.09	33.51 2.15 0.00	30.23 1.90 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.66 3.33 0.00	46.00 3.15 0.00	48.48 3.37 0.00	27.02 1.92 -0.16	30.46 1.66 -5.13	21.48 1.34 -0.65
ASTORIA_GT3_2 24099	17.68 0.81 0.00	21.74 0.96 0.00	17.39 0.76 0.00	17.34 0.67 0.00	22.97 0.82 0.00	26.81 1.21 0.00	42.06 2.05 0.00	38.29 2.00 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.83 1.99 -0.23	31.31 1.58 -6.75	83.54 1.54 -57.66	29.84 1.74 -1.09	33.51 2.15 0.00	30.23 1.90 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.66 3.33 0.00	46.00 3.15 0.00	48.48 3.37 0.00	27.02 1.92 -0.16	30.46 1.66 -5.13	21.48 1.34 -0.65
ASTORIA_GT3_3 24100	17.68 0.81 0.00	21.74 0.96 0.00	17.39 0.76 0.00	17.34 0.67 0.00	22.97 0.82 0.00	26.81 1.21 0.00	42.06 2.05 0.00	38.29 2.00 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.83 1.99 -0.23	31.31 1.58 -6.75	83.54 1.54 -57.66	29.84 1.74 -1.09	33.51 2.15 0.00	30.23 1.90 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.66 3.33 0.00	46.00 3.15 0.00	48.48 3.37 0.00	27.02 1.92 -0.16	30.46 1.66 -5.13	21.48 1.34 -0.65
ASTORIA_GT3_4 24101	17.68 0.81 0.00	21.74 0.96 0.00	17.39 0.76 0.00	17.34 0.67 0.00	22.97 0.82 0.00	26.81 1.21 0.00	42.06 2.05 0.00	38.29 2.00 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.83 1.99 -0.23	31.31 1.58 -6.75	83.54 1.54 -57.66	29.84 1.74 -1.09	33.51 2.15 0.00	30.23 1.90 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.66 3.33 0.00	46.00 3.15 0.00	48.48 3.37 0.00	27.02 1.92 -0.16	30.46 1.66 -5.13	21.48 1.34 -0.65
ASTORIA_GT4_1 24102	17.68 0.81 0.00	21.74 0.96 0.00	17.39 0.76 0.00	17.34 0.67 0.00	22.97 0.82 0.00	26.81 1.21 0.00	42.06 2.05 0.00	38.29 2.00 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.83 1.99 -0.23	31.31 1.58 -6.75	83.54 1.54 -57.66	29.84 1.74 -1.09	33.51 2.15 0.00	30.23 1.90 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.66 3.33 0.00	46.00 3.15 0.00	48.48 3.37 0.00	27.02 1.92 -0.16	30.46 1.66 -5.13	21.48 1.34 -0.65
ASTORIA_GT4_2 24103	17.68 0.81 0.00	21.74 0.96 0.00	17.39 0.76 0.00	17.34 0.67 0.00	22.97 0.82 0.00	26.81 1.21 0.00	42.06 2.05 0.00	38.29 2.00 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.83 1.99 -0.23	31.31 1.58 -6.75	83.54 1.54 -57.66	29.84 1.74 -1.09	33.51 2.15 0.00	30.23 1.90 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.66 3.33 0.00	46.00 3.15 0.00	48.48 3.37 0.00	27.02 1.92 -0.16	30.46 1.66 -5.13	21.48 1.34 -0.65
ASTORIA_GT4_3 24104	17.68 0.81 0.00	21.74 0.96 0.00	17.39 0.76 0.00	17.34 0.67 0.00	22.97 0.82 0.00	26.81 1.21 0.00	42.06 2.05 0.00	38.29 2.00 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.83 1.99 -0.23	31.31 1.58 -6.75	83.54 1.54 -57.66	29.84 1.74 -1.09	33.51 2.15 0.00	30.23 1.90 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.66 3.33 0.00	46.00 3.15 0.00	48.48 3.37 0.00	27.02 1.92 -0.16	30.46 1.66 -5.13	21.48 1.34 -0.65

ASTORIA_GT4_4 24105	17.68 0.81 0.00	21.74 0.96 0.00	17.39 0.76 0.00	17.34 0.67 0.00	22.97 0.82 0.00	26.81 1.21 0.00	42.06 2.05 0.00	38.29 2.00 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.83 1.99 -0.23	31.31 1.58 -6.75	83.54 1.54 -57.66	29.84 1.74 -1.09	33.51 2.15 0.00	30.23 1.90 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.66 3.33 0.00	46.00 3.15 0.00	48.48 3.37 0.00	27.02 1.92 -0.16	30.46 1.66 -5.13	21.48 1.34 -0.65
ASTORIA_GT_1 23523	17.71 0.83 0.00	21.77 0.99 0.00	17.41 0.78 0.00	17.36 0.69 0.00	23.00 0.84 0.00	26.84 1.24 0.00	42.13 2.12 0.00	38.35 2.06 0.00	33.12 2.07 0.00	36.48 2.08 0.00	32.87 2.04 -0.23	31.35 1.62 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.57 2.20 0.00	30.29 1.95 0.00	50.61 3.16 0.00	50.92 3.62 0.00	49.75 3.42 0.00	46.08 3.22 0.00	48.56 3.45 0.00	27.06 1.97 -0.16	30.50 1.70 -5.13	21.51 1.37 -0.65
ASTORIA_GT_10 24110	17.71 0.84 0.00	21.78 0.99 0.00	17.43 0.80 0.00	17.41 0.74 0.00	23.04 0.89 0.00	26.87 1.28 0.00	42.15 2.14 0.00	38.34 2.05 0.00	33.10 2.04 0.00	36.45 2.05 0.00	32.83 2.00 -0.23	31.33 1.60 -6.75	83.57 1.58 -57.66	29.88 1.78 -1.09	33.56 2.20 0.00	30.31 1.97 0.00	50.59 3.15 0.00	50.83 3.53 0.00	49.65 3.32 0.00	46.00 3.14 0.00	48.48 3.37 0.00	27.04 1.94 -0.16	30.48 1.67 -5.13	21.50 1.36 -0.65
ASTORIA_GT_11 24225	17.71 0.84 0.00	21.78 0.99 0.00	17.43 0.80 0.00	17.41 0.74 0.00	23.04 0.89 0.00	26.87 1.28 0.00	42.15 2.14 0.00	38.34 2.05 0.00	33.10 2.04 0.00	36.45 2.05 0.00	32.83 2.00 -0.23	31.33 1.60 -6.75	83.57 1.58 -57.66	29.88 1.78 -1.09	33.56 2.20 0.00	30.31 1.97 0.00	50.59 3.15 0.00	50.83 3.53 0.00	49.65 3.32 0.00	46.00 3.14 0.00	48.48 3.37 0.00	27.04 1.94 -0.16	30.48 1.67 -5.13	21.50 1.36 -0.65
ASTORIA_GT_12 24226	17.71 0.84 0.00	21.78 0.99 0.00	17.43 0.80 0.00	17.41 0.74 0.00	23.04 0.89 0.00	26.87 1.28 0.00	42.15 2.14 0.00	38.34 2.05 0.00	33.10 2.04 0.00	36.45 2.05 0.00	32.83 2.00 -0.23	31.33 1.60 -6.75	83.57 1.58 -57.66	29.88 1.78 -1.09	33.56 2.20 0.00	30.31 1.97 0.00	50.59 3.15 0.00	50.83 3.53 0.00	49.65 3.32 0.00	46.00 3.14 0.00	48.48 3.37 0.00	27.04 1.94 -0.16	30.48 1.67 -5.13	21.50 1.36 -0.65
ASTORIA_GT_13 24227	17.71 0.84 0.00	21.78 0.99 0.00	17.43 0.80 0.00	17.41 0.74 0.00	23.04 0.89 0.00	26.87 1.28 0.00	42.15 2.14 0.00	38.34 2.05 0.00	33.10 2.04 0.00	36.45 2.05 0.00	32.83 2.00 -0.23	31.33 1.60 -6.75	83.57 1.58 -57.66	29.88 1.78 -1.09	33.56 2.20 0.00	30.31 1.97 0.00	50.59 3.15 0.00	50.83 3.53 0.00	49.65 3.32 0.00	46.00 3.14 0.00	48.48 3.37 0.00	27.04 1.94 -0.16	30.48 1.67 -5.13	21.50 1.36 -0.65
ASTORIA_GT_5 24106	17.71 0.83 0.00	21.77 0.99 0.00	17.41 0.78 0.00	17.36 0.69 0.00	23.00 0.84 0.00	26.84 1.24 0.00	42.13 2.12 0.00	38.35 2.06 0.00	33.12 2.07 0.00	36.48 2.08 0.00	32.87 2.04 -0.23	31.35 1.62 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.56 2.20 0.00	30.29 1.95 0.00	50.61 3.16 0.00	50.92 3.62 0.00	49.75 3.42 0.00	46.08 3.22 0.00	48.56 3.45 0.00	27.06 1.97 -0.16	30.50 1.70 -5.13	21.51 1.37 -0.65
ASTORIA_GT_7 24107	17.71 0.83 0.00	21.77 0.99 0.00	17.41 0.78 0.00	17.36 0.69 0.00	23.00 0.84 0.00	26.84 1.24 0.00	42.13 2.12 0.00	38.35 2.06 0.00	33.12 2.07 0.00	36.48 2.08 0.00	32.87 2.04 -0.23	31.35 1.62 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.56 2.20 0.00	30.29 1.95 0.00	50.61 3.16 0.00	50.92 3.62 0.00	49.75 3.42 0.00	46.08 3.22 0.00	48.56 3.45 0.00	27.06 1.97 -0.16	30.50 1.70 -5.13	21.51 1.37 -0.65
ASTORIA_GT_8 24108	17.71 0.83 0.00	21.77 0.99 0.00	17.41 0.78 0.00	17.36 0.69 0.00	23.00 0.84 0.00	26.84 1.24 0.00	42.13 2.12 0.00	38.35 2.06 0.00	33.12 2.07 0.00	36.48 2.08 0.00	32.87 2.04 -0.23	31.35 1.62 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.56 2.20 0.00	30.29 1.95 0.00	50.61 3.16 0.00	50.92 3.62 0.00	49.75 3.42 0.00	46.08 3.22 0.00	48.56 3.45 0.00	27.06 1.97 -0.16	30.50 1.70 -5.13	21.51 1.37 -0.65
ASTORIA___2 24149	17.68 0.81 0.00	21.74 0.96 0.00	17.39 0.76 0.00	17.34 0.67 0.00	22.97 0.82 0.00	26.81 1.21 0.00	42.06 2.05 0.00	38.29 2.00 0.00	33.07 2.01 0.00	36.41 2.02 0.00	32.83 2.00 -0.23	31.31 1.58 -6.75	83.54 1.54 -57.66	29.84 1.74 -1.09	33.51 2.15 0.00	30.23 1.89 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.66 3.33 0.00	46.00 3.15 0.00	48.48 3.37 0.00	27.02 1.92 -0.16	30.47 1.66 -5.13	21.48 1.34 -0.65
ASTORIA___3 23516	17.71 0.84 0.00	21.78 0.99 0.00	17.44 0.80 0.00	17.41 0.74 0.00	23.04 0.89 0.00	26.87 1.28 0.00	42.15 2.13 0.00	38.34 2.04 0.00	33.10 2.05 0.00	36.45 2.05 0.00	32.83 2.00 -0.23	31.33 1.60 -6.75	83.57 1.58 -57.66	29.88 1.78 -1.09	33.56 2.20 0.00	30.31 1.97 0.00	50.59 3.15 0.00	50.83 3.53 0.00	49.65 3.32 0.00	45.99 3.14 0.00	48.48 3.36 0.00	27.04 1.94 -0.16	30.47 1.67 -5.13	21.50 1.36 -0.65
ASTORIA___4 23517	17.71 0.84 0.00	21.78 0.99 0.00	17.43 0.80 0.00	17.41 0.74 0.00	23.04 0.89 0.00	26.87 1.28 0.00	42.15 2.14 0.00	38.34 2.05 0.00	33.10 2.04 0.00	36.45 2.05 0.00	32.83 2.00 -0.23	31.33 1.60 -6.75	83.57 1.58 -57.66	29.88 1.78 -1.09	33.56 2.20 0.00	30.31 1.97 0.00	50.59 3.15 0.00	50.83 3.53 0.00	49.65 3.32 0.00	46.00 3.14 0.00	48.48 3.37 0.00	27.04 1.94 -0.16	30.48 1.67 -5.13	21.50 1.36 -0.65
ASTORIA___5 23518	17.71 0.84 0.00	21.78 0.99 0.00	17.44 0.80 0.00	17.41 0.74 0.00	23.04 0.89 0.00	26.87 1.28 0.00	42.15 2.13 0.00	38.34 2.04 0.00	33.10 2.05 0.00	36.44 2.05 0.00	32.83 2.00 -0.23	31.33 1.60 -6.75	83.57 1.58 -57.66	29.88 1.78 -1.09	33.56 2.20 0.00	30.31 1.97 0.00	50.59 3.15 0.00	50.82 3.52 0.00	49.65 3.32 0.00	45.99 3.14 0.00	48.48 3.36 0.00	27.04 1.94 -0.16	30.47 1.67 -5.13	21.50 1.36 -0.65
AST_ENERGY_2_CC3 323677	17.68 0.81 0.00	21.73 0.95 0.00	17.40 0.77 0.00	17.37 0.70 0.00	23.00 0.84 0.00	26.83 1.23 0.00	42.09 2.08 0.00	38.26 1.97 0.00	32.99 1.94 0.00	36.40 2.01 0.00	32.76 1.93 -0.23	31.29 1.56 -6.75	83.52 1.52 -57.66	29.83 1.73 -1.09	33.52 2.16 0.00	30.26 1.92 0.00	50.60 3.15 0.00	50.82 3.52 0.00	49.63 3.30 0.00	45.93 3.08 0.00	48.39 3.28 0.00	26.99 1.90 -0.16	30.45 1.65 -5.13	21.47 1.34 -0.65
AST_ENERGY_2_CC4 323678	17.68 0.81 0.00	21.73 0.95 0.00	17.40 0.77 0.00	17.37 0.70 0.00	23.00 0.84 0.00	26.83 1.23 0.00	42.09 2.08 0.00	38.26 1.97 0.00	32.99 1.94 0.00	36.40 2.01 0.00	32.76 1.93 -0.23	31.29 1.56 -6.75	83.52 1.52 -57.66	29.83 1.73 -1.09	33.52 2.16 0.00	30.26 1.92 0.00	50.60 3.15 0.00	50.82 3.52 0.00	49.63 3.30 0.00	45.93 3.08 0.00	48.39 3.28 0.00	26.99 1.90 -0.16	30.45 1.65 -5.13	21.47 1.34 -0.65

ATHENS_STG_1 23668	17.24 0.37 0.00	21.22 0.43 0.00	17.02 0.38 0.00	17.03 0.35 0.00	22.61 0.45 0.00	26.22 0.62 0.00	40.99 0.98 0.00	37.23 0.94 0.00	32.02 0.96 0.00	35.39 0.99 0.00	31.62 0.93 -0.09	26.33 0.75 -2.60	47.31 0.73 -22.24	28.25 0.82 -0.42	32.39 1.03 0.00	29.26 0.93 0.00	48.94 1.49 0.00	48.97 1.67 0.00	47.91 1.59 0.00	44.34 1.49 0.00	46.74 1.63 0.00	25.93 0.93 -0.07	26.67 0.81 -2.19	20.39 0.63 -0.28
ATHENS_STG_2 23670	17.24 0.37 0.00	21.22 0.43 0.00	17.02 0.38 0.00	17.03 0.35 0.00	22.61 0.45 0.00	26.22 0.62 0.00	40.99 0.98 0.00	37.23 0.94 0.00	32.02 0.96 0.00	35.39 0.99 0.00	31.62 0.93 -0.09	26.33 0.75 -2.60	47.31 0.73 -22.24	28.25 0.82 -0.42	32.39 1.03 0.00	29.26 0.93 0.00	48.94 1.49 0.00	48.97 1.67 0.00	47.91 1.59 0.00	44.34 1.49 0.00	46.74 1.63 0.00	25.93 0.93 -0.07	26.67 0.81 -2.19	20.39 0.63 -0.28
ATHENS_STG_3 23677	17.24 0.37 0.00	21.22 0.43 0.00	17.02 0.38 0.00	17.03 0.35 0.00	22.61 0.45 0.00	26.22 0.62 0.00	40.99 0.98 0.00	37.23 0.94 0.00	32.02 0.96 0.00	35.39 0.99 0.00	31.62 0.93 -0.09	26.33 0.75 -2.60	47.31 0.73 -22.24	28.25 0.82 -0.42	32.39 1.03 0.00	29.26 0.93 0.00	48.94 1.49 0.00	48.97 1.67 0.00	47.91 1.59 0.00	44.34 1.49 0.00	46.74 1.63 0.00	25.93 0.93 -0.07	26.67 0.81 -2.19	20.39 0.63 -0.28
AUBURN___LFGE 323710	16.60 -0.27 0.00	20.42 -0.36 0.00	16.29 -0.37 -0.02	16.32 -0.35 0.00	21.71 -0.45 0.00	25.17 -0.42 0.00	39.45 -0.57 0.00	35.74 -0.56 0.00	30.54 -0.51 0.00	33.79 -0.61 0.00	30.01 -0.59 0.00	22.68 -0.31 0.00	24.11 -0.22 0.00	26.79 -0.22 0.00	30.94 -0.42 0.00	28.01 -0.33 0.00	47.17 -0.27 0.00	46.80 -0.50 0.00	45.99 -0.34 0.00	42.49 -0.36 0.00	44.72 -0.39 0.00	24.62 -0.31 0.00	23.39 -0.28 0.00	19.27 -0.21 0.00
BABYLON_RES_REC 323704	17.77 0.90 0.00	21.94 1.15 0.00	17.65 1.01 0.00	17.61 0.94 0.00	23.09 0.94 0.00	26.98 1.39 0.00	42.07 2.06 0.00	38.33 2.04 0.00	32.96 1.90 0.00	36.25 1.85 0.00	32.90 2.07 -0.23	31.33 1.62 -6.72	83.34 1.59 -57.42	30.08 1.98 -1.08	33.56 2.19 0.00	30.42 2.08 0.00	50.55 3.10 0.00	50.30 3.00 0.00	49.01 2.68 0.00	45.83 2.98 0.00	48.92 3.81 0.00	27.36 2.26 -0.16	31.01 2.23 -5.12	25.35 1.85 -4.01
BABYLON__69_KV_BK2 356345	17.91 1.04 0.00	22.12 1.33 0.00	17.80 1.16 0.00	17.77 1.10 0.00	23.28 1.12 0.00	27.22 1.62 0.00	42.45 2.44 0.00	38.68 2.38 0.00	33.23 2.18 0.00	36.52 2.13 0.00	33.16 2.33 -0.23	31.51 1.81 -6.72	83.54 1.78 -57.42	30.32 2.22 -1.08	34.00 2.64 0.00	30.90 2.56 0.00	51.43 3.99 0.00	51.23 3.93 0.00	49.91 3.59 0.00	46.50 3.65 0.00	49.39 4.29 0.00	27.62 2.53 -0.16	31.26 2.48 -5.12	25.55 2.05 -4.01
BALL_HILL_WT_PWR 323825	15.44 -1.42 0.00	19.19 -1.60 0.00	14.92 -1.64 0.07	15.06 -1.61 0.00	20.06 -2.09 0.00	23.45 -2.15 0.00	36.51 -3.40 0.11	29.34 -3.33 3.62	28.41 -2.61 0.04	31.55 -2.84 0.00	28.04 -2.56 0.00	21.23 -1.75 0.00	22.59 -1.75 0.00	25.12 -1.90 0.00	28.93 -2.43 0.00	26.04 -2.30 0.00	44.48 -2.97 0.00	43.67 -3.63 0.00	43.40 -2.93 0.00	39.73 -3.13 0.00	41.88 -3.23 0.00	22.84 -2.09 0.00	21.79 -1.88 0.00	17.78 -1.70 0.00
BARON_WINDS___WT_PWR 323822	15.47 -1.40 0.00	19.12 -1.67 0.00	14.95 -1.56 0.12	15.13 -1.55 0.00	20.16 -1.99 0.00	23.53 -2.06 0.00	36.29 -3.13 0.60	13.38 -3.06 19.86	28.35 -2.54 0.17	31.63 -2.77 0.00	28.08 -2.53 0.00	21.16 -1.82 0.00	22.58 -1.75 0.00	25.05 -1.96 0.00	28.90 -2.45 0.01	26.07 -2.27 0.00	44.37 -3.08 0.00	43.59 -3.71 0.00	43.16 -3.17 0.00	39.55 -3.31 0.00	41.83 -3.28 0.00	22.90 -2.03 0.00	21.85 -1.83 0.00	17.90 -1.58 0.00
BARRETT_IC_1 23704	17.62 0.75 0.00	21.79 1.00 0.00	17.49 0.86 0.00	17.46 0.79 0.00	22.98 0.83 0.00	26.78 1.18 0.00	41.62 1.61 0.00	37.84 1.55 0.00	32.58 1.53 0.00	36.05 1.66 0.00	32.73 1.90 -0.23	31.22 1.51 -6.72	83.21 1.46 -57.42	29.90 1.80 -1.08	33.49 2.12 0.00	30.32 1.98 0.00	50.49 3.04 0.00	50.33 3.03 0.00	49.21 2.88 0.00	45.76 2.90 0.00	48.39 3.28 0.00	27.06 1.96 -0.16	30.69 1.90 -5.12	25.09 1.60 -4.01
BARRETT_IC_10 23701	17.62 0.75 0.00	21.79 1.00 0.00	17.49 0.86 0.00	17.46 0.79 0.00	22.98 0.83 0.00	26.78 1.18 0.00	41.62 1.61 0.00	37.84 1.55 0.00	32.58 1.53 0.00	36.05 1.66 0.00	32.73 1.90 -0.23	31.22 1.51 -6.72	83.21 1.46 -57.42	29.90 1.80 -1.08	33.49 2.12 0.00	30.32 1.98 0.00	50.49 3.04 0.00	50.33 3.03 0.00	49.21 2.88 0.00	45.76 2.90 0.00	48.39 3.28 0.00	27.06 1.96 -0.16	30.69 1.90 -5.12	25.09 1.60 -4.01
BARRETT_IC_11 23702	17.62 0.75 0.00	21.79 1.00 0.00	17.49 0.86 0.00	17.46 0.79 0.00	22.98 0.83 0.00	26.78 1.18 0.00	41.62 1.61 0.00	37.84 1.55 0.00	32.58 1.53 0.00	36.05 1.66 0.00	32.73 1.90 -0.23	31.22 1.51 -6.72	83.21 1.46 -57.42	29.90 1.80 -1.08	33.49 2.12 0.00	30.32 1.98 0.00	50.49 3.04 0.00	50.33 3.03 0.00	49.21 2.88 0.00	45.76 2.90 0.00	48.39 3.28 0.00	27.06 1.96 -0.16	30.69 1.90 -5.12	25.09 1.60 -4.01
BARRETT_IC_12 23703	17.62 0.75 0.00	21.79 1.00 0.00	17.49 0.86 0.00	17.46 0.79 0.00	22.98 0.83 0.00	26.78 1.18 0.00	41.62 1.61 0.00	37.84 1.55 0.00	32.58 1.53 0.00	36.05 1.66 0.00	32.73 1.90 -0.23	31.22 1.51 -6.72	83.21 1.46 -57.42	29.90 1.80 -1.08	33.49 2.12 0.00	30.32 1.98 0.00	50.49 3.04 0.00	50.33 3.03 0.00	49.21 2.88 0.00	45.76 2.90 0.00	48.39 3.28 0.00	27.06 1.96 -0.16	30.69 1.90 -5.12	25.09 1.60 -4.01
BARRETT_IC_2 23705	17.62 0.75 0.00	21.79 1.00 0.00	17.49 0.86 0.00	17.46 0.79 0.00	22.98 0.83 0.00	26.78 1.18 0.00	41.62 1.61 0.00	37.84 1.55 0.00	32.58 1.53 0.00	36.05 1.66 0.00	32.73 1.90 -0.23	31.22 1.51 -6.72	83.21 1.46 -57.42	29.90 1.80 -1.08	33.49 2.12 0.00	30.32 1.98 0.00	50.49 3.04 0.00	50.33 3.03 0.00	49.21 2.88 0.00	45.76 2.90 0.00	48.39 3.28 0.00	27.06 1.96 -0.16	30.69 1.90 -5.12	25.09 1.60 -4.01
BARRETT_IC_3 23706	17.62 0.75 0.00	21.79 1.00 0.00	17.49 0.86 0.00	17.46 0.79 0.00	22.98 0.83 0.00	26.78 1.18 0.00	41.62 1.61 0.00	37.84 1.55 0.00	32.58 1.53 0.00	36.05 1.66 0.00	32.73 1.90 -0.23	31.22 1.51 -6.72	83.21 1.46 -57.42	29.90 1.80 -1.08	33.49 2.12 0.00	30.32 1.98 0.00	50.49 3.04 0.00	50.33 3.03 0.00	49.21 2.88 0.00	45.76 2.90 0.00	48.39 3.28 0.00	27.06 1.96 -0.16	30.69 1.90 -5.12	25.09 1.60 -4.01
BARRETT_IC_4 23707	17.62 0.75 0.00	21.79 1.00 0.00	17.49 0.86 0.00	17.46 0.79 0.00	22.98 0.83 0.00	26.78 1.18 0.00	41.62 1.61 0.00	37.84 1.55 0.00	32.58 1.53 0.00	36.05 1.66 0.00	32.73 1.90 -0.23	31.22 1.51 -6.72	83.21 1.46 -57.42	29.90 1.80 -1.08	33.49 2.12 0.00	30.32 1.98 0.00	50.49 3.04 0.00	50.33 3.03 0.00	49.21 2.88 0.00	45.76 2.90 0.00	48.39 3.28 0.00	27.06 1.96 -0.16	30.69 1.90 -5.12	25.09 1.60 -4.01

BARRETT_IC_5 23708	17.62 0.75 0.00	21.79 1.00 0.00	17.49 0.86 0.00	17.46 0.79 0.00	22.98 0.83 0.00	26.78 1.18 0.00	41.62 1.61 0.00	37.84 1.55 0.00	32.58 1.53 0.00	36.05 1.66 0.00	32.73 1.90 -0.23	31.22 1.51 -6.72	83.21 1.46 -57.42	29.90 1.80 -1.08	33.49 2.12 0.00	30.32 1.98 0.00	50.49 3.04 0.00	50.33 3.03 0.00	49.21 2.88 0.00	45.76 2.90 0.00	48.39 3.28 0.00	27.06 1.96 -0.16	30.69 1.90 -5.12	25.09 1.60 -4.01
BARRETT_IC_6 23709	17.62 0.75 0.00	21.79 1.00 0.00	17.49 0.86 0.00	17.46 0.79 0.00	22.98 0.83 0.00	26.78 1.18 0.00	41.62 1.61 0.00	37.84 1.55 0.00	32.58 1.53 0.00	36.05 1.66 0.00	32.73 1.90 -0.23	31.22 1.51 -6.72	83.21 1.46 -57.42	29.90 1.80 -1.08	33.49 2.12 0.00	30.32 1.98 0.00	50.49 3.04 0.00	50.33 3.03 0.00	49.21 2.88 0.00	45.76 2.90 0.00	48.39 3.28 0.00	27.06 1.96 -0.16	30.69 1.90 -5.12	25.09 1.60 -4.01
BARRETT_IC_7 23710	17.62 0.75 0.00	21.79 1.00 0.00	17.49 0.85 0.00	17.46 0.79 0.00	22.98 0.83 0.00	26.78 1.18 0.00	41.62 1.61 0.00	37.84 1.55 0.00	32.59 1.53 0.00	36.05 1.66 0.00	32.73 1.90 -0.23	31.22 1.51 -6.72	83.21 1.46 -57.42	29.90 1.80 -1.08	33.49 2.13 0.00	30.32 1.98 0.00	50.49 3.04 0.00	50.33 3.03 0.00	49.21 2.88 0.00	45.76 2.90 0.00	48.39 3.28 0.00	27.06 1.96 -0.16	30.69 1.90 -5.12	25.09 1.59 -4.01
BARRETT_IC_8 23711	17.62 0.75 0.00	21.79 1.00 0.00	17.49 0.86 0.00	17.46 0.79 0.00	22.98 0.83 0.00	26.78 1.18 0.00	41.62 1.61 0.00	37.84 1.55 0.00	32.58 1.53 0.00	36.05 1.66 0.00	32.73 1.90 -0.23	31.22 1.51 -6.72	83.21 1.46 -57.42	29.90 1.80 -1.08	33.49 2.12 0.00	30.32 1.98 0.00	50.49 3.04 0.00	50.33 3.03 0.00	49.21 2.88 0.00	45.76 2.90 0.00	48.39 3.28 0.00	27.06 1.96 -0.16	30.69 1.90 -5.12	25.09 1.60 -4.01
BARRETT_IC_9 23700	17.62 0.75 0.00	21.79 1.00 0.00	17.49 0.86 0.00	17.46 0.79 0.00	22.98 0.83 0.00	26.78 1.18 0.00	41.62 1.61 0.00	37.84 1.55 0.00	32.58 1.53 0.00	36.05 1.66 0.00	32.73 1.90 -0.23	31.22 1.51 -6.72	83.21 1.46 -57.42	29.90 1.80 -1.08	33.49 2.12 0.00	30.32 1.98 0.00	50.49 3.04 0.00	50.33 3.03 0.00	49.21 2.88 0.00	45.76 2.90 0.00	48.39 3.28 0.00	27.06 1.96 -0.16	30.69 1.90 -5.12	25.09 1.60 -4.01
BARRETT___1 23545	17.62 0.75 0.00	21.79 1.00 0.00	17.49 0.86 0.00	17.46 0.79 0.00	22.98 0.83 0.00	26.78 1.18 0.00	41.62 1.61 0.00	37.84 1.55 0.00	32.58 1.53 0.00	36.05 1.66 0.00	32.73 1.90 -0.23	31.22 1.51 -6.72	83.21 1.46 -57.42	29.90 1.80 -1.08	33.49 2.12 0.00	30.32 1.98 0.00	50.49 3.04 0.00	50.33 3.03 0.00	49.21 2.88 0.00	45.76 2.90 0.00	48.39 3.28 0.00	27.06 1.96 -0.16	30.69 1.90 -5.12	25.09 1.60 -4.01
BARRETT___2 23546	17.62 0.75 0.00	21.79 1.00 0.00	17.49 0.86 0.00	17.46 0.79 0.00	22.98 0.83 0.00	26.78 1.18 0.00	41.62 1.61 0.00	37.84 1.55 0.00	32.58 1.53 0.00	36.05 1.66 0.00	32.73 1.90 -0.23	31.22 1.51 -6.72	83.21 1.46 -57.42	29.90 1.80 -1.08	33.49 2.12 0.00	30.32 1.98 0.00	50.49 3.04 0.00	50.33 3.03 0.00	49.21 2.88 0.00	45.76 2.90 0.00	48.39 3.28 0.00	27.06 1.96 -0.16	30.69 1.90 -5.12	25.09 1.60 -4.01
BATAVIA__115KV_TB1 55881	15.85 -1.02 0.00	19.66 -1.13 0.00	15.34 -1.24 0.05	15.45 -1.22 0.00	20.61 -1.55 0.00	24.04 -1.55 0.00	37.49 -2.46 0.06	31.94 -2.45 1.91	29.20 -1.84 0.02	32.38 -2.02 0.00	28.69 -1.91 0.00	21.75 -1.23 0.00	23.14 -1.20 0.00	25.60 -1.41 0.00	29.46 -1.90 0.00	26.75 -1.59 0.00	45.49 -1.96 0.00	45.01 -2.29 0.00	44.50 -1.83 0.00	40.72 -2.13 0.00	42.64 -2.47 0.00	23.32 -1.61 0.00	22.15 -1.52 0.00	18.09 -1.40 0.00
BAYONEEC___CTG1 323682	17.71 0.84 0.00	21.77 0.99 0.00	17.43 0.80 0.00	17.39 0.72 0.00	23.03 0.87 0.00	26.87 1.27 0.00	42.16 2.15 0.00	38.33 2.04 0.00	33.04 1.99 0.00	36.45 2.05 0.00	32.81 1.98 -0.23	31.33 1.59 -6.75	83.56 1.57 -57.66	29.88 1.78 -1.09	33.58 2.22 0.00	30.31 1.97 0.00	50.68 3.23 0.00	50.90 3.61 0.00	49.71 3.38 0.00	46.02 3.16 0.00	48.48 3.36 0.00	27.04 1.94 -0.16	30.50 1.70 -5.13	21.50 1.37 -0.65
BAYONEEC___CTG10 323750	17.71 0.84 0.00	21.77 0.99 0.00	17.43 0.80 0.00	17.39 0.72 0.00	23.03 0.87 0.00	26.87 1.27 0.00	42.16 2.15 0.00	38.33 2.04 0.00	33.04 1.99 0.00	36.45 2.05 0.00	32.81 1.98 -0.23	31.33 1.59 -6.75	83.56 1.57 -57.66	29.88 1.78 -1.09	33.58 2.22 0.00	30.31 1.97 0.00	50.68 3.23 0.00	50.90 3.61 0.00	49.71 3.38 0.00	46.02 3.16 0.00	48.48 3.36 0.00	27.04 1.94 -0.16	30.50 1.70 -5.13	21.50 1.37 -0.65
BAYONEEC___CTG2 323683	17.71 0.84 0.00	21.77 0.99 0.00	17.43 0.80 0.00	17.39 0.72 0.00	23.03 0.87 0.00	26.87 1.27 0.00	42.16 2.15 0.00	38.33 2.04 0.00	33.04 1.99 0.00	36.45 2.05 0.00	32.81 1.98 -0.23	31.33 1.59 -6.75	83.56 1.57 -57.66	29.88 1.78 -1.09	33.58 2.22 0.00	30.31 1.97 0.00	50.68 3.23 0.00	50.90 3.61 0.00	49.71 3.38 0.00	46.02 3.16 0.00	48.48 3.36 0.00	27.04 1.94 -0.16	30.50 1.70 -5.13	21.50 1.37 -0.65
BAYONEEC___CTG3 323684	17.71 0.84 0.00	21.77 0.99 0.00	17.43 0.80 0.00	17.39 0.72 0.00	23.03 0.87 0.00	26.87 1.27 0.00	42.16 2.15 0.00	38.33 2.04 0.00	33.04 1.99 0.00	36.45 2.05 0.00	32.81 1.98 -0.23	31.33 1.59 -6.75	83.56 1.57 -57.66	29.88 1.78 -1.09	33.58 2.22 0.00	30.31 1.97 0.00	50.68 3.23 0.00	50.90 3.61 0.00	49.71 3.38 0.00	46.02 3.16 0.00	48.48 3.36 0.00	27.04 1.94 -0.16	30.50 1.70 -5.13	21.50 1.37 -0.65
BAYONEEC___CTG4 323685	17.71 0.84 0.00	21.77 0.99 0.00	17.43 0.80 0.00	17.39 0.72 0.00	23.03 0.87 0.00	26.87 1.27 0.00	42.16 2.15 0.00	38.33 2.04 0.00	33.04 1.99 0.00	36.45 2.05 0.00	32.81 1.98 -0.23	31.33 1.59 -6.75	83.56 1.57 -57.66	29.88 1.78 -1.09	33.58 2.22 0.00	30.31 1.97 0.00	50.68 3.23 0.00	50.90 3.61 0.00	49.71 3.38 0.00	46.02 3.16 0.00	48.48 3.36 0.00	27.04 1.94 -0.16	30.50 1.70 -5.13	21.50 1.37 -0.65
BAYONEEC___CTG5 323686	17.71 0.84 0.00	21.77 0.99 0.00	17.43 0.80 0.00	17.39 0.72 0.00	23.03 0.87 0.00	26.87 1.27 0.00	42.16 2.15 0.00	38.33 2.04 0.00	33.04 1.99 0.00	36.45 2.05 0.00	32.81 1.98 -0.23	31.33 1.59 -6.75	83.56 1.57 -57.66	29.88 1.78 -1.09	33.58 2.22 0.00	30.31 1.97 0.00	50.68 3.23 0.00	50.90 3.61 0.00	49.71 3.38 0.00	46.02 3.16 0.00	48.48 3.36 0.00	27.04 1.94 -0.16	30.50 1.70 -5.13	21.50 1.37 -0.65
BAYONEEC___CTG6 323687	17.71 0.84 0.00	21.77 0.99 0.00	17.43 0.80 0.00	17.39 0.72 0.00	23.03 0.87 0.00	26.87 1.27 0.00	42.16 2.15 0.00	38.33 2.04 0.00	33.04 1.99 0.00	36.45 2.05 0.00	32.81 1.98 -0.23	31.33 1.59 -6.75	83.56 1.57 -57.66	29.88 1.78 -1.09	33.58 2.22 0.00	30.31 1.97 0.00	50.68 3.23 0.00	50.90 3.61 0.00	49.71 3.38 0.00	46.02 3.16 0.00	48.48 3.36 0.00	27.04 1.94 -0.16	30.50 1.70 -5.13	21.50 1.37 -0.65

BAYONEEC___CTG7 323688	17.71 0.84 0.00	21.77 0.99 0.00	17.43 0.80 0.00	17.39 0.72 0.00	23.03 0.87 0.00	26.87 1.27 0.00	42.16 2.15 0.00	38.33 2.04 0.00	33.04 1.99 0.00	36.45 2.05 0.00	32.81 1.98 -0.23	31.33 1.59 -6.75	83.56 1.57 -57.66	29.88 1.78 -1.09	33.58 2.22 0.00	30.31 1.97 0.00	50.68 3.23 0.00	50.90 3.61 0.00	49.71 3.38 0.00	46.02 3.16 0.00	48.48 3.36 0.00	27.04 1.94 -0.16	30.50 1.70 -5.13	21.50 1.37 -0.65
BAYONEEC___CTG8 323689	17.71 0.84 0.00	21.77 0.99 0.00	17.43 0.80 0.00	17.39 0.72 0.00	23.03 0.87 0.00	26.87 1.27 0.00	42.16 2.15 0.00	38.33 2.04 0.00	33.04 1.99 0.00	36.45 2.05 0.00	32.81 1.98 -0.23	31.33 1.59 -6.75	83.56 1.57 -57.66	29.88 1.78 -1.09	33.58 2.22 0.00	30.31 1.97 0.00	50.68 3.23 0.00	50.90 3.61 0.00	49.71 3.38 0.00	46.02 3.16 0.00	48.48 3.36 0.00	27.04 1.94 -0.16	30.50 1.70 -5.13	21.50 1.37 -0.65
BAYONEEC___CTG9 323749	17.71 0.84 0.00	21.77 0.99 0.00	17.43 0.80 0.00	17.39 0.72 0.00	23.03 0.87 0.00	26.87 1.27 0.00	42.16 2.15 0.00	38.33 2.04 0.00	33.04 1.99 0.00	36.45 2.05 0.00	32.81 1.98 -0.23	31.33 1.59 -6.75	83.56 1.57 -57.66	29.88 1.78 -1.09	33.58 2.22 0.00	30.31 1.97 0.00	50.68 3.23 0.00	50.90 3.61 0.00	49.71 3.38 0.00	46.02 3.16 0.00	48.48 3.36 0.00	27.04 1.94 -0.16	30.50 1.70 -5.13	21.50 1.37 -0.65
BEACON___LESR 323632	17.44 0.57 0.00	21.51 0.72 0.00	17.26 0.63 0.00	17.26 0.59 0.00	23.00 0.85 0.00	26.71 1.11 0.00	41.71 1.70 0.00	37.95 1.66 0.00	32.57 1.51 0.00	36.07 1.67 0.00	32.03 1.37 -0.06	25.96 1.09 -1.90	41.98 1.19 -16.46	28.57 1.25 -0.31	32.93 1.57 0.00	29.73 1.39 0.00	49.74 2.30 0.00	49.83 2.53 0.00	48.81 2.48 0.00	45.08 2.23 0.00	47.52 2.41 0.00	26.29 1.31 -0.05	26.45 1.16 -1.62	20.52 0.83 -0.20
BEAVER RIVER___HYD 24048	17.38 0.52 0.00	21.33 0.55 0.00	16.99 0.35 0.00	17.05 0.38 0.00	22.66 0.51 0.00	26.41 0.82 0.00	40.97 0.95 0.00	36.73 0.44 0.00	31.13 0.08 0.00	34.67 0.28 0.00	30.62 0.02 0.00	23.22 0.24 0.00	24.58 0.24 0.00	27.38 0.36 0.00	31.62 0.26 0.00	28.54 0.20 0.00	47.66 0.22 0.00	47.39 0.09 0.00	46.16 -0.16 0.00	42.55 -0.30 0.00	44.61 -0.50 0.00	24.68 -0.25 0.00	23.42 -0.25 0.00	19.20 -0.29 0.00
BEEBEE_GT_13 23619	15.96 -0.91 0.00	19.75 -1.04 0.00	15.53 -1.06 0.04	15.62 -1.05 0.00	20.82 -1.34 0.00	24.22 -1.38 0.00	37.72 -2.29 0.00	33.98 -2.31 0.00	29.29 -1.77 0.00	32.48 -1.91 0.00	28.82 -1.78 0.00	21.80 -1.18 0.00	23.15 -1.18 0.00	25.67 -1.34 0.00	29.59 -1.77 0.00	26.83 -1.50 0.00	45.42 -2.03 0.00	45.00 -2.30 0.00	44.36 -1.96 0.00	40.78 -2.08 0.00	42.73 -2.38 0.00	23.46 -1.48 0.00	22.30 -1.37 0.00	18.32 -1.16 0.00
BENSHRST_27_KV_BENSHRST_1 355998	17.83 0.96 0.00	21.93 1.14 0.00	17.55 0.91 0.00	17.51 0.84 0.00	23.19 1.03 0.00	27.07 1.47 0.00	42.50 2.49 0.00	38.69 2.40 0.00	33.38 2.33 0.00	36.75 2.36 0.00	33.13 2.31 -0.23	31.56 1.83 -6.75	83.79 1.80 -57.66	30.13 2.03 -1.09	33.88 2.52 0.00	30.58 2.24 0.00	51.08 3.63 0.00	51.33 4.03 0.00	50.16 3.83 0.00	46.46 3.61 0.00	48.95 3.84 0.00	27.32 2.22 -0.16	30.73 1.92 -5.13	21.69 1.55 -0.65
BETHLEHEM___GRP 23843	17.30 0.43 0.00	21.31 0.52 0.00	17.08 0.45 0.00	17.10 0.43 0.00	22.75 0.59 0.00	26.37 0.77 0.00	41.15 1.14 0.00	37.41 1.12 0.00	32.14 1.09 0.00	35.57 1.18 0.00	31.71 1.05 -0.06	25.73 0.84 -1.90	41.64 0.85 -16.45	28.25 0.93 -0.31	32.50 1.14 0.00	29.37 1.03 0.00	49.07 1.63 0.00	49.10 1.80 0.00	48.06 1.73 0.00	44.47 1.62 0.00	46.85 1.74 0.00	25.96 0.98 -0.05	26.13 0.84 -1.62	20.29 0.60 -0.20
BETHLEHEM___GS1 323560	17.30 0.43 0.00	21.31 0.52 0.00	17.09 0.45 0.00	17.10 0.43 0.00	22.75 0.59 0.00	26.37 0.77 0.00	41.15 1.14 0.00	37.41 1.12 0.00	32.14 1.09 0.00	35.58 1.18 0.00	31.71 1.05 -0.06	25.72 0.84 -1.90	41.64 0.85 -16.45	28.25 0.93 -0.31	32.50 1.14 0.00	29.37 1.03 0.00	49.07 1.63 0.00	49.10 1.80 0.00	48.06 1.73 0.00	44.46 1.61 0.00	46.85 1.74 0.00	25.97 0.98 -0.05	26.13 0.84 -1.62	20.29 0.59 -0.20
BETHLEHEM___GS2 323561	17.30 0.43 0.00	21.31 0.52 0.00	17.09 0.45 0.00	17.10 0.43 0.00	22.75 0.59 0.00	26.37 0.77 0.00	41.15 1.14 0.00	37.41 1.12 0.00	32.14 1.09 0.00	35.58 1.18 0.00	31.71 1.05 -0.06	25.72 0.84 -1.90	41.64 0.85 -16.45	28.25 0.93 -0.31	32.50 1.14 0.00	29.37 1.03 0.00	49.07 1.63 0.00	49.10 1.80 0.00	48.06 1.73 0.00	44.46 1.61 0.00	46.85 1.74 0.00	25.97 0.98 -0.05	26.13 0.84 -1.62	20.29 0.59 -0.20
BETHLEHEM___GS3 323562	17.30 0.43 0.00	21.31 0.52 0.00	17.09 0.45 0.00	17.10 0.43 0.00	22.75 0.59 0.00	26.37 0.77 0.00	41.15 1.14 0.00	37.41 1.12 0.00	32.14 1.09 0.00	35.58 1.18 0.00	31.71 1.05 -0.06	25.72 0.84 -1.90	41.64 0.85 -16.45	28.25 0.93 -0.31	32.50 1.14 0.00	29.37 1.03 0.00	49.07 1.63 0.00	49.10 1.80 0.00	48.06 1.73 0.00	44.46 1.61 0.00	46.85 1.74 0.00	25.97 0.98 -0.05	26.13 0.84 -1.62	20.29 0.59 -0.20
BETHLEHEM___STEEL 23779	15.55 -1.32 0.00	19.30 -1.49 0.00	15.01 -1.55 0.07	15.14 -1.54 0.00	20.16 -1.99 0.00	23.54 -2.05 0.00	36.60 -3.30 0.11	29.43 -3.32 3.54	28.44 -2.58 0.03	31.59 -2.80 0.00	28.06 -2.54 0.00	21.28 -1.70 0.00	22.63 -1.71 0.00	25.12 -1.89 0.00	28.89 -2.47 0.00	26.15 -2.19 0.00	44.55 -2.90 0.00	43.81 -3.49 0.00	43.47 -2.86 0.00	39.79 -3.07 0.00	41.82 -3.30 0.00	22.86 -2.08 0.00	21.78 -1.89 0.00	17.79 -1.70 0.00
BETHLHEM_115KV_TB1 79974	17.28 0.41 0.00	21.29 0.51 0.00	17.08 0.44 0.00	17.09 0.42 0.00	22.73 0.58 0.00	26.34 0.75 0.00	41.13 1.11 0.00	37.38 1.09 0.00	32.11 1.06 0.00	35.54 1.15 0.00	31.68 1.01 -0.06	25.70 0.82 -1.90	41.58 0.83 -16.41	28.22 0.90 -0.31	32.47 1.11 0.00	29.34 1.00 0.00	49.03 1.59 0.00	49.05 1.76 0.00	48.02 1.69 0.00	44.43 1.58 0.00	46.80 1.69 0.00	25.94 0.96 -0.05	26.11 0.83 -1.62	20.28 0.59 -0.20
BETHPAGE_CC_5 323564	17.76 0.89 0.00	21.92 1.14 0.00	17.61 0.98 0.00	17.58 0.91 0.00	23.09 0.94 0.00	26.97 1.38 0.00	42.06 2.05 0.00	38.31 2.01 0.00	32.96 1.90 0.00	36.32 1.92 0.00	32.92 2.10 -0.23	31.35 1.65 -6.72	83.37 1.61 -57.42	30.10 2.00 -1.08	33.73 2.37 0.00	30.60 2.26 0.00	50.91 3.46 0.00	50.82 3.52 0.00	49.55 3.22 0.00	46.09 3.24 0.00	48.80 3.69 0.00	27.29 2.20 -0.16	30.95 2.17 -5.12	25.29 1.80 -4.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.61 -1.26 0.00	19.38 -1.40 0.00	15.07 -1.49 0.07	15.20 -1.47 0.00	20.24 -1.92 0.00	23.63 -1.97 0.00	36.77 -3.14 0.10	29.81 -3.15 3.34	28.59 -2.43 0.03	31.77 -2.62 0.00	28.24 -2.36 0.00	21.40 -1.58 0.00	22.76 -1.57 0.00	25.27 -1.74 0.00	29.08 -2.28 0.00	26.32 -2.02 0.00	44.81 -2.63 0.00	44.07 -3.23 0.00	43.72 -2.61 0.00	40.01 -2.85 0.00	42.04 -3.07 0.00	22.99 -1.95 0.00	21.91 -1.76 0.00	17.89 -1.59 0.00

BINGHAMTON___COGEN 23790	16.51 -0.36 0.00	20.36 -0.43 0.00	16.16 -0.44 0.03	16.25 -0.43 0.00	21.63 -0.52 0.00	25.12 -0.48 0.00	39.31 -0.70 0.00	35.60 -0.69 0.00	30.60 -0.45 0.00	33.88 -0.51 0.00	30.10 -0.50 0.00	22.62 -0.36 0.00	24.04 -0.29 0.00	26.73 -0.29 0.00	31.03 -0.34 0.00	27.97 -0.37 0.00	47.11 -0.33 0.00	46.65 -0.65 0.00	45.98 -0.35 0.00	42.35 -0.51 0.00	44.69 -0.42 0.00	24.56 -0.38 0.00	23.38 -0.29 0.00	19.19 -0.30 0.00
BIXINCNT_115KV_LOAD 355685	15.51 -1.36 0.00	19.27 -1.52 0.00	14.96 -1.59 0.08	15.12 -1.55 0.00	19.94 -2.22 0.00	23.22 -2.38 0.00	36.39 -3.55 0.07	30.71 -3.33 2.25	28.48 -2.54 0.03	31.95 -2.44 0.00	28.48 -2.13 0.00	21.50 -1.48 0.00	22.75 -1.59 0.00	25.29 -1.72 0.00	29.28 -2.08 0.00	26.41 -1.93 0.00	44.63 -2.82 0.00	43.97 -3.33 0.00	43.35 -2.98 0.00	39.49 -3.36 0.00	41.40 -3.71 0.00	22.87 -2.07 0.00	21.93 -1.74 0.00	18.07 -1.42 0.00
BLACK RIVER___HYD 24047	17.28 0.41 0.00	21.22 0.43 0.00	16.86 0.23 0.00	16.92 0.25 0.00	22.49 0.33 0.00	26.23 0.63 0.00	40.57 0.56 0.00	36.32 0.03 0.00	30.89 -0.17 0.00	34.48 0.09 0.00	30.38 -0.22 0.00	23.02 0.04 0.00	24.36 0.02 0.00	27.14 0.13 0.00	31.38 0.02 0.00	28.34 0.00 0.00	47.47 0.02 0.00	47.22 -0.08 0.00	45.96 -0.37 0.00	42.31 -0.55 0.00	44.34 -0.77 0.00	24.50 -0.43 0.00	23.21 -0.46 0.00	19.07 -0.42 0.00
BLACKRVR_115KV_TB2 79977	17.28 0.41 0.00	21.22 0.43 0.00	16.87 0.23 0.00	16.92 0.25 0.00	22.49 0.33 0.00	26.23 0.63 0.00	40.57 0.56 0.00	36.33 0.03 0.00	30.88 -0.17 0.00	34.48 0.09 0.00	30.38 -0.22 0.00	23.01 0.04 0.00	24.36 0.02 0.00	27.14 0.13 0.00	31.38 0.02 0.00	28.34 0.00 0.00	47.47 0.02 0.00	47.22 -0.08 0.00	45.96 -0.37 0.00	42.31 -0.55 0.00	44.34 -0.77 0.00	24.50 -0.43 0.00	23.21 -0.46 0.00	19.07 -0.42 0.00
BLISS_WT_PWR 323608	15.40 -1.47 0.00	19.15 -1.63 0.00	14.85 -1.70 0.08	15.02 -1.65 0.00	19.75 -2.40 0.00	22.99 -2.61 0.00	36.06 -3.88 0.07	30.45 -3.59 2.25	28.25 -2.77 0.03	31.77 -2.62 0.00	28.33 -2.28 0.00	21.37 -1.61 0.00	22.58 -1.76 0.00	25.12 -1.90 0.00	29.12 -2.24 0.00	26.28 -2.06 0.00	44.30 -3.15 0.00	43.66 -3.64 0.00	42.96 -3.37 0.00	39.08 -3.77 0.00	40.91 -4.20 0.00	22.67 -2.27 0.00	21.76 -1.91 0.00	17.96 -1.52 0.00
BLUESTONE___WT_PWR 323821	16.83 -0.04 0.00	20.52 -0.27 0.00	16.45 -0.21 -0.03	16.52 -0.15 0.00	22.24 0.09 0.00	25.67 0.07 0.00	40.00 -0.02 0.00	36.27 0.16 0.00	31.21 0.16 0.10	34.56 0.17 0.00	30.42 -0.08 0.10	19.86 -0.09 3.03	-1.44 0.32 26.09	26.67 0.15 0.49	31.58 0.22 0.00	28.45 0.11 0.00	47.63 0.18 0.00	47.79 0.49 0.00	46.71 0.38 0.00	42.82 -0.03 0.00	45.08 -0.03 0.00	24.74 -0.12 0.08	20.93 -0.17 2.57	18.95 -0.21 0.32
BLUE_CIRC_CHEM_DRP 24182	17.38 0.51 0.00	21.41 0.62 0.00	17.16 0.53 0.00	17.20 0.52 0.00	22.89 0.73 0.00	26.53 0.93 0.00	41.38 1.37 0.00	37.56 1.27 0.00	32.21 1.16 0.00	35.65 1.26 0.00	31.70 1.05 -0.05	25.39 0.85 -1.56	38.75 0.89 -13.52	28.26 0.99 -0.25	32.56 1.20 0.00	29.44 1.09 0.00	49.22 1.77 0.00	49.19 1.89 0.00	48.17 1.84 0.00	44.58 1.73 0.00	46.97 1.86 0.00	26.02 1.04 -0.04	25.93 0.93 -1.33	20.36 0.71 -0.17
BOC_GAS_DRP 24189	17.21 0.34 0.00	21.20 0.41 0.00	17.00 0.36 0.00	17.01 0.34 0.00	22.62 0.46 0.00	26.20 0.61 0.00	40.91 0.90 0.00	37.16 0.87 0.00	31.92 0.86 0.00	35.32 0.92 0.00	31.50 0.83 -0.06	25.53 0.67 -1.87	41.18 0.67 -16.17	28.06 0.74 -0.30	32.27 0.91 0.00	29.16 0.82 0.00	48.74 1.29 0.00	48.74 1.44 0.00	47.72 1.39 0.00	44.15 1.30 0.00	46.53 1.42 0.00	25.79 0.81 -0.05	25.97 0.70 -1.59	20.22 0.53 -0.20
BOONVILLE_115KV_TB1 79983	17.25 0.38 0.00	21.20 0.42 0.00	16.92 0.29 0.00	16.98 0.31 0.00	22.58 0.42 0.00	26.26 0.67 0.00	40.93 0.92 0.00	36.89 0.60 0.00	31.51 0.45 0.00	34.99 0.60 0.00	31.04 0.44 0.00	23.45 0.47 0.00	24.81 0.47 0.00	27.61 0.59 0.00	31.97 0.60 0.00	28.88 0.54 0.00	48.31 0.87 0.00	48.07 0.78 0.00	46.96 0.63 0.00	43.33 0.48 0.00	45.54 0.43 0.00	25.15 0.22 0.00	23.86 0.19 0.00	19.60 0.11 0.00
BORALEX_4TH_BRANCH 23824	17.87 1.00 0.00	22.00 1.22 0.00	17.63 1.00 0.00	17.65 0.98 0.00	23.51 1.35 0.00	27.26 1.67 0.00	42.33 2.32 0.00	38.57 2.28 0.00	33.17 2.12 0.00	36.73 2.33 0.00	32.79 2.12 -0.07	26.72 1.59 -2.14	44.70 1.61 -18.75	29.05 1.69 -0.35	33.41 2.05 0.00	30.16 1.83 0.00	50.21 2.77 0.00	50.24 2.94 0.00	49.27 2.94 0.00	45.60 2.74 0.00	48.27 3.16 0.00	26.78 1.79 -0.06	27.14 1.62 -1.85	21.01 1.29 -0.23
BOWLINE___1 23526	17.56 0.69 0.00	21.61 0.83 0.00	17.30 0.66 0.00	17.26 0.59 0.00	22.87 0.71 0.00	26.66 1.07 0.00	41.87 1.86 0.00	38.05 1.76 0.00	32.72 1.67 0.00	36.10 1.71 0.00	31.55 1.62 0.67	4.27 1.29 20.00	-146.41 1.22 171.97	25.14 1.37 3.24	33.12 1.76 0.00	29.92 1.58 0.00	50.12 2.67 0.00	50.35 3.05 0.00	49.23 2.90 0.00	45.57 2.72 0.00	48.00 2.89 0.00	25.99 1.62 0.55	7.34 1.39 17.73	18.36 1.12 2.25
BOWLINE___2 23595	17.56 0.69 0.00	21.61 0.83 0.00	17.30 0.66 0.00	17.26 0.59 0.00	22.87 0.71 0.00	26.66 1.07 0.00	41.87 1.86 0.00	38.05 1.76 0.00	32.72 1.67 0.00	36.10 1.71 0.00	31.55 1.62 0.67	4.27 1.29 20.00	-146.45 1.22 172.01	25.14 1.37 3.25	33.12 1.76 0.00	29.92 1.58 0.00	50.12 2.67 0.00	50.35 3.05 0.00	49.23 2.90 0.00	45.58 2.73 0.00	48.00 2.89 0.00	25.99 1.62 0.55	7.36 1.39 17.71	18.36 1.12 2.24
BRADY___115KV_TB2 356060	18.67 1.80 0.00	23.00 2.21 0.00	18.32 1.69 0.00	18.42 1.75 0.00	24.60 2.45 0.00	28.64 3.05 0.00	45.10 5.09 0.00	40.77 4.47 0.00	34.58 3.53 0.00	38.28 3.89 0.00	33.58 2.98 0.00	25.16 2.18 0.00	26.50 2.17 0.00	29.61 2.60 0.00	34.35 2.98 0.00	31.04 2.70 0.00	51.53 4.08 0.00	51.65 4.35 0.00	50.34 4.02 0.00	46.39 3.54 0.00	48.48 3.37 0.00	26.74 1.81 0.00	25.28 1.61 0.00	20.62 1.13 0.00
BRANSCOMB___SOLAR 323811	17.65 0.78 0.00	21.73 0.95 0.00	17.41 0.78 0.00	17.44 0.77 0.00	23.26 1.10 0.00	26.97 1.38 0.00	42.16 2.15 0.00	38.37 2.08 0.00	32.92 1.86 0.00	36.45 2.06 0.00	32.47 1.80 -0.06	26.19 1.35 -1.86	41.84 1.35 -16.15	28.79 1.47 -0.30	33.15 1.79 0.00	29.99 1.65 0.00	50.31 2.86 0.00	50.29 2.99 0.00	49.27 2.94 0.00	45.54 2.69 0.00	47.88 2.78 0.00	26.52 1.53 -0.05	26.66 1.40 -1.59	20.79 1.10 -0.20
BRENTWOD_69_KV_W. BRTWOOD 56703	17.86 0.99 0.00	22.05 1.27 0.00	17.75 1.11 0.00	17.72 1.05 0.00	23.20 1.04 0.00	27.11 1.52 0.00	42.27 2.25 0.00	38.48 2.19 0.00	33.07 2.01 0.00	36.36 1.97 0.00	33.01 2.18 -0.23	31.41 1.70 -6.72	83.45 1.69 -57.42	30.22 2.13 -1.08	33.91 2.55 0.00	30.81 2.47 0.00	51.19 3.74 0.00	50.86 3.56 0.00	49.50 3.17 0.00	46.11 3.26 0.00	49.08 3.97 0.00	27.49 2.40 -0.16	31.16 2.37 -5.12	25.48 1.99 -4.01

BRISTLHL_115KV_TB1 79998	16.39 -0.48 0.00	20.19 -0.60 0.00	16.12 -0.51 0.00	16.16 -0.51 0.00	21.47 -0.69 0.00	24.84 -0.76 0.00	38.74 -1.28 0.00	35.09 -1.20 0.00	30.09 -0.96 0.00	33.32 -1.08 0.00	29.62 -0.99 0.00	22.29 -0.69 0.00	23.67 -0.67 0.00	26.26 -0.75 0.00	30.47 -0.89 0.00	27.53 -0.81 0.00	46.20 -1.25 0.00	46.02 -1.28 0.00	45.15 -1.18 0.00	41.67 -1.19 0.00	43.80 -1.31 0.00	24.17 -0.77 0.00	22.96 -0.71 0.00	18.97 -0.52 0.00
BROOKHAVEN___DRP 24191	17.70 0.83 0.00	21.85 1.06 0.00	17.67 1.03 0.00	17.65 0.98 0.00	22.99 0.84 0.00	26.90 1.30 0.00	41.91 1.90 0.00	38.15 1.85 0.00	32.79 1.73 0.00	35.79 1.40 0.00	32.43 1.60 -0.23	30.91 1.21 -6.72	82.96 1.21 -57.42	29.74 1.64 -1.08	33.57 2.21 0.00	30.64 2.30 0.00	51.02 3.57 0.00	50.73 3.43 0.00	49.31 2.99 0.00	46.03 3.18 0.00	48.94 3.83 0.00	27.37 2.28 -0.16	31.09 2.31 -5.12	25.45 1.96 -4.01
BROOKLYN_NAVY_YARD 23515	17.66 0.79 0.00	21.70 0.92 0.00	17.38 0.75 0.00	17.34 0.67 0.00	22.95 0.80 0.00	26.77 1.17 0.00	42.02 2.01 0.00	38.21 1.92 0.00	32.95 1.89 0.00	36.34 1.95 0.00	32.73 1.90 -0.23	31.26 1.53 -6.75	83.49 1.49 -57.66	29.80 1.70 -1.09	33.48 2.12 0.00	30.22 1.88 0.00	50.54 3.10 0.00	50.78 3.48 0.00	49.58 3.25 0.00	45.89 3.03 0.00	48.33 3.23 0.00	26.94 1.85 -0.16	30.41 1.61 -5.13	21.44 1.30 -0.65
BROOKLYN___ARMY_DRP 323595	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.77 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.88 -1.09	33.71 2.35 0.00	30.42 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
BROOKVLE_69_KV_TB1 55790	17.77 0.90 0.00	21.91 1.12 0.00	17.57 0.93 0.00	17.54 0.87 0.00	23.14 0.98 0.00	27.01 1.41 0.00	42.23 2.22 0.00	38.44 2.15 0.00	33.11 2.05 0.00	36.53 2.13 0.00	33.01 2.19 -0.23	31.42 1.72 -6.72	83.44 1.69 -57.42	30.11 2.01 -1.08	33.80 2.44 0.00	30.60 2.26 0.00	51.08 3.63 0.00	51.10 3.80 0.00	49.89 3.56 0.00	46.29 3.44 0.00	48.88 3.77 0.00	27.27 2.18 -0.16	30.83 2.04 -5.12	25.15 1.66 -4.01
BROOME_2_LFGE 323671	16.51 -0.36 0.00	20.35 -0.43 0.00	16.16 -0.44 0.03	16.25 -0.43 0.00	21.63 -0.53 0.00	25.11 -0.48 0.00	39.30 -0.71 0.00	35.60 -0.69 0.00	30.60 -0.46 0.00	33.88 -0.51 0.00	30.10 -0.50 0.00	22.62 -0.36 0.00	24.04 -0.30 0.00	26.73 -0.29 0.00	31.03 -0.34 0.00	27.97 -0.37 0.00	47.11 -0.33 0.00	46.65 -0.65 0.00	45.97 -0.35 0.00	42.35 -0.51 0.00	44.69 -0.42 0.00	24.56 -0.38 0.00	23.38 -0.29 0.00	19.19 -0.30 0.00
BROOME___LFGE 323600	16.51 -0.36 0.00	20.35 -0.43 0.00	16.16 -0.44 0.03	16.25 -0.43 0.00	21.63 -0.53 0.00	25.11 -0.48 0.00	39.30 -0.71 0.00	35.60 -0.69 0.00	30.60 -0.46 0.00	33.88 -0.51 0.00	30.10 -0.50 0.00	22.62 -0.36 0.00	24.04 -0.30 0.00	26.73 -0.29 0.00	31.03 -0.34 0.00	27.97 -0.37 0.00	47.11 -0.33 0.00	46.65 -0.65 0.00	45.97 -0.35 0.00	42.35 -0.51 0.00	44.69 -0.42 0.00	24.56 -0.38 0.00	23.38 -0.29 0.00	19.19 -0.30 0.00
BROWNFLS_115KV_TB_3_5 80003	17.65 0.78 0.00	21.68 0.90 0.00	17.28 0.65 0.00	17.35 0.68 0.00	23.10 0.94 0.00	26.90 1.30 0.00	41.92 1.91 0.00	37.70 1.41 0.00	32.21 1.16 0.00	35.92 1.53 0.00	31.66 1.06 0.00	23.82 0.84 0.00	24.99 0.65 0.00	27.84 0.82 0.00	32.19 0.83 0.00	29.05 0.71 0.00	48.43 0.99 0.00	48.20 0.90 0.00	46.96 0.63 0.00	43.30 0.45 0.00	45.35 0.24 0.00	25.10 0.17 0.00	23.80 0.13 0.00	19.49 0.00 0.00
BROWNSV1_27_KV_LOAD 356125	17.83 0.96 0.00	21.92 1.14 0.00	17.55 0.92 0.00	17.51 0.84 0.00	23.20 1.04 0.00	27.07 1.47 0.00	42.51 2.50 0.00	38.66 2.37 0.00	33.34 2.29 0.00	36.78 2.39 0.00	33.11 2.28 -0.23	31.56 1.82 -6.75	83.79 1.80 -57.66	30.13 2.03 -1.09	33.87 2.51 0.00	30.58 2.25 0.00	51.16 3.72 0.00	51.37 4.07 0.00	50.18 3.85 0.00	46.44 3.59 0.00	48.92 3.81 0.00	27.27 2.17 -0.16	30.70 1.90 -5.13	21.66 1.53 -0.65
BURROWS___LYONSDAL 23803	17.27 0.40 0.00	21.21 0.42 0.00	16.92 0.28 0.00	16.98 0.30 0.00	22.56 0.40 0.00	26.26 0.67 0.00	40.85 0.84 0.00	36.75 0.46 0.00	31.32 0.27 0.00	34.82 0.43 0.00	30.87 0.26 0.00	23.35 0.37 0.00	24.70 0.36 0.00	27.50 0.48 0.00	31.81 0.44 0.00	28.72 0.38 0.00	48.01 0.56 0.00	47.77 0.47 0.00	46.63 0.30 0.00	43.00 0.15 0.00	45.19 0.08 0.00	24.97 0.03 0.00	23.69 0.02 0.00	19.45 -0.04 0.00
CAITHNESS_CC_1 323624	17.69 0.82 0.00	21.84 1.05 0.00	17.64 1.00 0.00	17.62 0.95 0.00	22.98 0.82 0.00	26.86 1.27 0.00	41.85 1.84 0.00	38.09 1.80 0.00	32.75 1.70 0.00	35.83 1.43 0.00	32.47 1.64 -0.23	30.96 1.26 -6.72	83.00 1.25 -57.42	29.77 1.68 -1.08	33.55 2.19 0.00	30.58 2.24 0.00	50.89 3.44 0.00	50.64 3.34 0.00	49.23 2.90 0.00	45.94 3.09 0.00	48.79 3.69 0.00	27.31 2.21 -0.16	31.03 2.25 -5.12	25.41 1.91 -4.01
CALPINE BETH_PAGE_GT4 24209	17.76 0.89 0.00	21.91 1.13 0.00	17.60 0.97 0.00	17.58 0.90 0.00	23.09 0.94 0.00	26.97 1.37 0.00	42.06 2.04 0.00	38.30 2.01 0.00	32.96 1.90 0.00	36.32 1.92 0.00	32.92 2.10 -0.23	31.35 1.65 -6.72	83.37 1.61 -57.42	30.08 1.99 -1.08	33.72 2.36 0.00	30.59 2.25 0.00	50.81 3.36 0.00	50.73 3.44 0.00	49.47 3.14 0.00	46.01 3.16 0.00	48.69 3.58 0.00	27.24 2.14 -0.16	30.93 2.14 -5.12	25.27 1.78 -4.01
CALPINE_BETH_PAGE_GT_4 323586	17.76 0.89 0.00	21.91 1.13 0.00	17.60 0.97 0.00	17.58 0.90 0.00	23.09 0.94 0.00	26.97 1.37 0.00	42.05 2.04 0.00	38.29 2.00 0.00	32.96 1.91 0.00	36.32 1.93 0.00	32.92 2.10 -0.23	31.35 1.65 -6.72	83.36 1.61 -57.42	30.08 1.99 -1.08	33.72 2.36 0.00	30.58 2.24 0.00	50.81 3.36 0.00	50.74 3.44 0.00	49.47 3.14 0.00	46.02 3.16 0.00	48.69 3.58 0.00	27.24 2.14 -0.16	30.93 2.15 -5.12	25.27 1.78 -4.01
CALPINE_BP_GT1 23823	17.76 0.89 0.00	21.91 1.13 0.00	17.60 0.97 0.00	17.58 0.90 0.00	23.09 0.94 0.00	26.97 1.37 0.00	42.05 2.04 0.00	38.29 2.00 0.00	32.96 1.91 0.00	36.32 1.93 0.00	32.92 2.10 -0.23	31.35 1.65 -6.72	83.36 1.61 -57.42	30.08 1.99 -1.08	33.72 2.36 0.00	30.58 2.24 0.00	50.81 3.36 0.00	50.74 3.44 0.00	49.47 3.14 0.00	46.02 3.16 0.00	48.69 3.58 0.00	27.24 2.14 -0.16	30.93 2.15 -5.12	25.27 1.78 -4.01
CALSPAN___DRP 24200	15.55 -1.32 0.00	19.30 -1.49 0.00	15.01 -1.55 0.07	15.14 -1.54 0.00	20.16 -1.99 0.00	23.54 -2.05 0.00	36.60 -3.30 0.11	29.43 -3.32 3.54	28.44 -2.58 0.03	31.59 -2.80 0.00	28.06 -2.54 0.00	21.28 -1.70 0.00	22.63 -1.71 0.00	25.12 -1.89 0.00	28.89 -2.47 0.00	26.15 -2.19 0.00	44.55 -2.90 0.00	43.81 -3.49 0.00	43.47 -2.86 0.00	39.79 -3.07 0.00	41.82 -3.30 0.00	22.86 -2.08 0.00	21.78 -1.89 0.00	17.79 -1.70 0.00

CALVERTON___SOLAR 323806	17.73 0.86 0.00	21.89 1.11 0.00	17.71 1.08 0.00	17.69 1.02 0.00	23.04 0.88 0.00	26.95 1.35 0.00	42.01 1.99 0.00	38.22 1.92 0.00	32.85 1.80 0.00	35.80 1.40 0.00	32.42 1.59 -0.23	30.88 1.18 -6.72	82.94 1.19 -57.42	29.73 1.63 -1.08	33.61 2.25 0.00	30.71 2.38 0.00	51.15 3.71 0.00	50.84 3.54 0.00	49.39 3.06 0.00	46.12 3.27 0.00	49.05 3.94 0.00	27.44 2.34 -0.16	31.15 2.37 -5.12	25.50 2.01 -4.01
CANDIGU_WT_PWR 323617	15.47 -1.40 0.00	19.12 -1.67 0.00	14.95 -1.56 0.12	15.13 -1.55 0.00	20.16 -1.99 0.00	23.53 -2.06 0.00	36.29 -3.13 0.60	13.38 -3.06 19.86	28.35 -2.54 0.17	31.63 -2.77 0.00	28.08 -2.53 0.00	21.16 -1.82 0.00	22.58 -1.75 0.00	25.05 -1.96 0.00	28.90 -2.45 0.01	26.07 -2.27 0.00	44.37 -3.08 0.00	43.59 -3.71 0.00	43.16 -3.17 0.00	39.55 -3.31 0.00	41.83 -3.28 0.00	22.90 -2.03 0.00	21.85 -1.83 0.00	17.90 -1.58 0.00
CARR STREET_E_SYR 24060	16.47 -0.40 0.00	20.29 -0.50 0.00	16.19 -0.44 0.00	16.24 -0.43 0.00	21.57 -0.58 0.00	24.98 -0.62 0.00	38.99 -1.02 0.00	35.32 -0.98 0.00	30.27 -0.78 0.00	33.53 -0.87 0.00	29.81 -0.79 0.00	22.45 -0.53 0.00	23.82 -0.51 0.00	26.46 -0.56 0.00	30.68 -0.68 0.00	27.72 -0.62 0.00	46.56 -0.89 0.00	46.34 -0.96 0.00	45.47 -0.86 0.00	41.95 -0.91 0.00	44.11 -0.99 0.00	24.32 -0.61 0.00	23.12 -0.56 0.00	19.08 -0.41 0.00
CARTHAGE___PAPER 23857	17.45 0.58 0.00	21.41 0.63 0.00	17.04 0.41 0.00	17.10 0.43 0.00	22.74 0.58 0.00	26.49 0.90 0.00	41.11 1.10 0.00	36.84 0.55 0.00	31.25 0.20 0.00	34.83 0.44 0.00	30.72 0.12 0.00	23.28 0.30 0.00	24.63 0.30 0.00	27.46 0.45 0.00	31.74 0.38 0.00	28.66 0.32 0.00	47.95 0.50 0.00	47.66 0.36 0.00	46.42 0.09 0.00	42.73 -0.12 0.00	44.81 -0.30 0.00	24.77 -0.16 0.00	23.47 -0.20 0.00	19.26 -0.22 0.00
CASSADAGA_WT_PWR 323784	15.19 -1.67 0.00	18.91 -1.87 0.00	14.75 -1.81 0.08	14.91 -1.76 0.00	19.79 -2.36 0.00	23.13 -2.47 0.00	36.00 -3.93 0.08	30.16 -3.58 2.55	28.31 -2.71 0.03	31.38 -3.01 0.00	27.93 -2.67 0.00	21.11 -1.87 0.00	22.57 -1.77 0.00	25.26 -1.75 0.00	28.91 -2.45 0.00	25.84 -2.49 0.00	44.30 -3.15 0.00	43.31 -3.98 0.00	43.08 -3.25 0.00	39.36 -3.50 0.00	41.68 -3.43 0.00	22.69 -2.25 0.00	21.66 -2.01 0.00	17.63 -1.86 0.00
CE_DUNWOOD___DRP 24194	17.62 0.75 0.00	21.68 0.89 0.00	17.36 0.73 0.00	17.33 0.66 0.00	22.96 0.80 0.00	26.77 1.17 0.00	42.00 1.99 0.00	38.19 1.90 0.00	32.88 1.83 0.00	36.29 1.90 0.00	32.65 1.81 -0.23	31.40 1.44 -6.98	85.37 1.40 -59.63	29.71 1.57 -1.13	33.34 1.97 0.00	30.12 1.78 0.00	50.40 2.96 0.00	50.60 3.30 0.00	49.46 3.13 0.00	45.78 2.93 0.00	48.22 3.11 0.00	26.87 1.76 -0.17	30.71 1.54 -5.50	21.42 1.23 -0.70
CE_MILLWOOD___DRP 24193	17.59 0.72 0.00	21.64 0.86 0.00	17.34 0.70 0.00	17.31 0.63 0.00	22.93 0.78 0.00	26.73 1.13 0.00	41.94 1.93 0.00	38.13 1.84 0.00	32.82 1.77 0.00	36.23 1.83 0.00	32.58 1.74 -0.24	31.38 1.39 -7.01	85.58 1.34 -59.91	29.65 1.51 -1.13	33.26 1.90 0.00	30.04 1.70 0.00	50.30 2.85 0.00	50.50 3.21 0.00	49.37 3.04 0.00	45.70 2.85 0.00	48.14 3.02 0.00	26.82 1.71 -0.18	31.03 1.49 -5.87	21.42 1.19 -0.74
CE_NYC2_DRP 24202	17.71 0.84 0.00	21.79 1.00 0.00	17.44 0.81 0.00	17.42 0.74 0.00	23.05 0.90 0.00	26.89 1.30 0.00	42.19 2.18 0.00	38.38 2.09 0.00	33.12 2.07 0.00	36.49 2.09 0.00	32.87 2.04 -0.23	31.36 1.63 -6.75	83.59 1.60 -57.66	29.91 1.81 -1.09	33.61 2.25 0.00	30.34 2.00 0.00	50.67 3.22 0.00	50.89 3.59 0.00	49.71 3.38 0.00	46.04 3.18 0.00	48.52 3.41 0.00	27.06 1.97 -0.16	30.50 1.69 -5.13	21.52 1.38 -0.65
CE_NYC_DRP 24195	17.71 0.84 0.00	21.77 0.99 0.00	17.44 0.80 0.00	17.39 0.72 0.00	23.04 0.88 0.00	26.88 1.28 0.00	42.18 2.17 0.00	38.37 2.07 0.00	33.07 2.02 0.00	36.50 2.11 0.00	32.86 2.03 -0.23	31.36 1.63 -6.75	83.60 1.60 -57.66	29.91 1.81 -1.09	33.62 2.26 0.00	30.35 2.01 0.00	50.75 3.30 0.00	50.97 3.66 0.00	49.77 3.44 0.00	46.06 3.21 0.00	48.52 3.41 0.00	27.05 1.95 -0.16	30.51 1.71 -5.13	21.52 1.38 -0.65
CHAFFEE___LFGE 323603	15.68 -1.19 0.00	19.46 -1.32 0.00	15.12 -1.44 0.07	15.26 -1.42 0.00	20.34 -1.82 0.00	23.76 -1.83 0.00	37.01 -2.92 0.09	30.50 -2.90 2.89	28.82 -2.20 0.03	31.99 -2.40 0.00	28.42 -2.18 0.00	21.53 -1.45 0.00	22.90 -1.43 0.00	25.41 -1.60 0.00	29.23 -2.13 0.00	26.44 -1.90 0.00	45.08 -2.37 0.00	44.38 -2.91 0.00	44.06 -2.27 0.00	40.33 -2.52 0.00	42.38 -2.73 0.00	23.15 -1.78 0.00	22.04 -1.64 0.00	17.97 -1.51 0.00
CHATEAUG_35_KV_LOAD 355732	17.24 0.37 0.00	21.23 0.44 0.00	17.03 0.40 0.00	17.14 0.47 0.00	22.85 0.70 0.00	26.37 0.77 0.00	41.27 1.25 0.00	37.43 1.14 0.00	31.74 0.69 0.00	35.37 0.97 0.00	31.45 0.85 0.00	23.49 0.51 0.00	24.75 0.41 0.00	27.43 0.42 0.00	31.81 0.44 0.00	28.55 0.21 0.00	47.36 -0.09 0.00	46.68 -0.62 0.00	45.52 -0.81 0.00	42.14 -0.71 0.00	44.30 -0.81 0.00	24.77 -0.16 0.00	23.63 -0.05 0.00	19.28 -0.20 0.00
CHATEAUG_WT_PWR 323614	17.19 0.32 0.00	21.15 0.37 0.00	16.99 0.35 0.00	17.08 0.41 0.00	22.80 0.64 0.00	26.30 0.70 0.00	41.13 1.12 0.00	37.32 1.02 0.00	31.67 0.62 0.00	35.30 0.90 0.00	31.43 0.83 0.00	23.53 0.55 0.00	24.74 0.41 0.00	27.42 0.40 0.00	31.79 0.43 0.00	28.47 0.13 0.00	47.17 -0.27 0.00	46.37 -0.93 0.00	45.13 -1.20 0.00	41.74 -1.11 0.00	43.85 -1.26 0.00	24.60 -0.33 0.00	23.54 -0.13 0.00	19.21 -0.28 0.00
CHAT_HIGH_FALL_HYD 323578	17.24 0.37 0.00	21.23 0.44 0.00	17.03 0.40 0.00	17.14 0.47 0.00	22.85 0.70 0.00	26.37 0.77 0.00	41.27 1.25 0.00	37.43 1.14 0.00	31.74 0.69 0.00	35.37 0.97 0.00	31.45 0.85 0.00	23.49 0.51 0.00	24.75 0.41 0.00	27.43 0.42 0.00	31.81 0.44 0.00	28.55 0.21 0.00	47.36 -0.09 0.00	46.68 -0.62 0.00	45.52 -0.81 0.00	42.14 -0.71 0.00	44.30 -0.81 0.00	24.77 -0.16 0.00	23.63 -0.05 0.00	19.28 -0.20 0.00
CHAUTAUQUA___LFGE 323629	15.41 -1.46 0.00	19.16 -1.63 0.00	14.89 -1.67 0.07	15.05 -1.62 0.00	20.03 -2.13 0.00	23.45 -2.15 0.00	36.56 -3.35 0.09	29.93 -3.22 3.15	28.52 -2.50 0.03	31.65 -2.75 0.00	28.12 -2.48 0.00	21.25 -1.73 0.00	22.62 -1.71 0.00	25.22 -1.80 0.00	29.04 -2.32 0.00	26.06 -2.28 0.00	44.64 -2.81 0.00	43.75 -3.55 0.00	43.54 -2.79 0.00	39.83 -3.02 0.00	42.07 -3.04 0.00	22.91 -2.03 0.00	21.86 -1.81 0.00	17.81 -1.68 0.00
CHERRYST_13_KV_LD 356241	17.75 0.88 0.00	21.82 1.04 0.00	17.48 0.84 0.00	17.43 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.30 2.29 0.00	38.47 2.18 0.00	33.18 2.13 0.00	36.62 2.23 0.00	32.96 2.13 -0.23	31.44 1.71 -6.75	83.69 1.69 -57.66	30.00 1.90 -1.09	33.73 2.37 0.00	30.44 2.11 0.00	50.92 3.47 0.00	51.12 3.82 0.00	49.91 3.58 0.00	46.19 3.33 0.00	48.63 3.53 0.00	27.12 2.02 -0.16	30.58 1.77 -5.13	21.56 1.43 -0.65

CHESTROR_138KV_BK263 355645	17.53 0.66 0.00	21.58 0.79 0.00	17.27 0.64 0.00	17.25 0.58 0.00	22.86 0.71 0.00	26.62 1.02 0.00	41.80 1.79 0.00	38.00 1.71 0.00	32.64 1.59 0.00	36.03 1.64 0.00	31.54 1.51 0.58	6.85 1.18 17.31	-123.50 1.11 148.94	25.47 1.27 2.81	33.00 1.64 0.00	29.82 1.48 0.00	49.99 2.54 0.00	50.22 2.92 0.00	49.11 2.78 0.00	45.46 2.61 0.00	47.86 2.75 0.00	25.99 1.52 0.47	9.83 1.32 15.15	18.61 1.04 1.92
CH_MIDHUDSON___DRP 24192	17.58 0.71 0.00	21.62 0.84 0.00	17.33 0.70 0.00	17.32 0.65 0.00	22.98 0.82 0.00	26.74 1.15 0.00	41.95 1.94 0.00	38.16 1.87 0.00	32.84 1.79 0.00	36.24 1.84 0.00	32.31 1.70 0.00	24.30 1.33 0.00	25.63 1.29 0.00	28.46 1.45 0.00	33.20 1.84 0.00	30.02 1.68 0.00	50.29 2.85 0.00	50.47 3.17 0.00	49.37 3.04 0.00	45.68 2.82 0.00	48.08 2.98 0.00	26.60 1.67 0.00	25.12 1.45 0.00	20.63 1.15 0.00
CH_MISC_IPPS 23765	17.68 0.81 0.00	21.76 0.97 0.00	17.43 0.80 0.00	17.41 0.73 0.00	23.10 0.94 0.00	26.90 1.31 0.00	42.24 2.23 0.00	38.45 2.15 0.00	33.05 2.00 0.00	36.46 2.06 0.00	32.41 1.88 0.07	22.29 1.47 2.16	4.91 1.45 20.88	28.26 1.65 0.39	33.43 2.07 0.00	30.20 1.87 0.00	50.65 3.20 0.00	50.83 3.53 0.00	49.72 3.39 0.00	45.99 3.13 0.00	48.42 3.31 0.00	26.70 1.83 0.06	23.43 1.60 1.83	20.51 1.26 0.23
CH_RES_BVR_FALLS 23983	16.80 -0.07 0.00	20.72 -0.07 0.00	16.57 -0.06 0.00	16.61 -0.06 0.00	22.08 -0.08 0.00	25.43 -0.17 0.00	39.79 -0.22 0.00	35.90 -0.39 0.00	30.46 -0.59 0.00	33.86 -0.53 0.00	30.20 -0.40 0.00	22.56 -0.42 0.00	23.89 -0.45 0.00	26.56 -0.45 0.00	30.74 -0.62 0.00	27.75 -0.59 0.00	46.39 -1.06 0.00	46.15 -1.15 0.00	45.18 -1.14 0.00	41.87 -0.99 0.00	44.05 -1.06 0.00	24.38 -0.56 0.00	23.17 -0.50 0.00	19.05 -0.43 0.00
CH_RES_NIAGARA 23895	15.07 -1.80 0.00	18.74 -2.04 0.00	14.55 -2.03 0.06	14.67 -2.00 0.00	19.56 -2.60 0.00	22.81 -2.79 0.00	35.35 -4.58 0.08	29.01 -4.54 2.75	27.36 -3.66 0.03	30.35 -4.05 0.00	26.91 -3.70 0.00	20.46 -2.52 0.00	21.72 -2.61 0.00	24.12 -2.90 0.00	27.67 -3.69 0.00	25.15 -3.19 0.00	42.82 -4.63 0.00	42.11 -5.19 0.00	41.75 -4.58 0.00	38.23 -4.63 0.00	40.07 -5.04 0.00	21.95 -2.98 0.00	20.91 -2.76 0.00	17.07 -2.41 0.00
CH_RES_SYRACUSE 23985	16.57 -0.30 0.00	20.40 -0.38 0.00	16.28 -0.35 0.00	16.33 -0.34 0.00	21.70 -0.45 0.00	25.13 -0.47 0.00	39.26 -0.75 0.00	35.55 -0.75 0.00	30.45 -0.60 0.00	33.71 -0.69 0.00	29.97 -0.64 0.00	22.57 -0.41 0.00	23.97 -0.37 0.00	26.62 -0.39 0.00	30.86 -0.50 0.00	27.89 -0.45 0.00	46.86 -0.58 0.00	46.64 -0.66 0.00	45.75 -0.57 0.00	42.22 -0.63 0.00	44.41 -0.70 0.00	24.48 -0.45 0.00	23.27 -0.40 0.00	19.20 -0.28 0.00
CLINTON_WT_PWR 323605	17.19 0.32 0.00	21.15 0.37 0.00	16.99 0.35 0.00	17.08 0.41 0.00	22.80 0.64 0.00	26.30 0.70 0.00	41.13 1.12 0.00	37.32 1.02 0.00	31.67 0.62 0.00	35.30 0.90 0.00	31.43 0.83 0.00	23.53 0.55 0.00	24.74 0.41 0.00	27.42 0.40 0.00	31.79 0.43 0.00	28.47 0.13 0.00	47.17 -0.27 0.00	46.37 -0.93 0.00	45.13 -1.20 0.00	41.74 -1.11 0.00	43.85 -1.26 0.00	24.60 -0.33 0.00	23.54 -0.13 0.00	19.21 -0.28 0.00
CLINTON___LFGE 323618	17.39 0.52 0.00	21.38 0.59 0.00	17.22 0.58 0.00	17.30 0.62 0.00	23.14 0.98 0.00	26.74 1.14 0.00	41.84 1.83 0.00	38.02 1.73 0.00	32.21 1.15 0.00	35.91 1.52 0.00	32.05 1.45 0.00	24.01 1.03 0.00	25.14 0.81 0.00	27.86 0.85 0.00	32.33 0.97 0.00	28.91 0.57 0.00	47.92 0.47 0.00	46.83 -0.48 0.00	45.58 -0.75 0.00	42.17 -0.68 0.00	44.16 -0.95 0.00	24.78 -0.15 0.00	23.77 0.10 0.00	19.40 -0.09 0.00
COBBLENY_34_KV_TB1 80064	15.68 -1.19 0.00	19.46 -1.32 0.00	15.13 -1.43 0.07	15.26 -1.42 0.00	20.33 -1.82 0.00	23.76 -1.83 0.00	37.02 -2.91 0.09	30.49 -2.92 2.89	28.82 -2.20 0.03	31.99 -2.40 0.00	28.42 -2.18 0.00	21.53 -1.45 0.00	22.90 -1.44 0.00	25.42 -1.60 0.00	29.22 -2.14 0.00	26.44 -1.90 0.00	45.08 -2.37 0.00	44.38 -2.91 0.00	44.05 -2.28 0.00	40.32 -2.53 0.00	42.38 -2.73 0.00	23.15 -1.78 0.00	22.03 -1.64 0.00	17.97 -1.51 0.00
COFFEEN___115KV_TB3 355620	17.36 0.49 0.00	21.31 0.53 0.00	16.94 0.31 0.00	17.00 0.33 0.00	22.60 0.44 0.00	26.36 0.76 0.00	40.85 0.84 0.00	36.61 0.32 0.00	31.13 0.08 0.00	34.74 0.34 0.00	30.60 0.00 0.00	23.15 0.18 0.00	24.54 0.20 0.00	27.36 0.35 0.00	31.63 0.27 0.00	28.57 0.24 0.00	47.90 0.46 0.00	47.66 0.36 0.00	46.42 0.09 0.00	42.72 -0.13 0.00	44.75 -0.37 0.00	24.70 -0.23 0.00	23.38 -0.29 0.00	19.20 -0.29 0.00
COLDSPRG_115KV_BK1 355956	15.88 -0.99 0.00	19.71 -1.08 0.00	15.37 -1.18 0.08	15.50 -1.17 0.00	20.65 -1.51 0.00	24.14 -1.45 0.00	37.77 -2.20 0.05	32.66 -2.01 1.62	29.66 -1.36 0.03	32.96 -1.44 0.00	29.38 -1.23 0.00	22.18 -0.80 0.00	23.64 -0.69 0.00	26.32 -0.69 0.00	30.22 -1.14 0.00	27.10 -1.24 0.00	46.30 -1.15 0.00	45.44 -1.86 0.00	45.20 -1.13 0.00	41.39 -1.46 0.00	43.70 -1.41 0.00	23.82 -1.12 0.00	22.74 -0.93 0.00	18.56 -0.93 0.00
COLONIE_LFGE___ 323577	17.53 0.66 0.00	21.58 0.80 0.00	17.30 0.66 0.00	17.31 0.64 0.00	23.07 0.91 0.00	26.73 1.14 0.00	41.68 1.67 0.00	37.93 1.64 0.00	32.58 1.53 0.00	36.08 1.68 0.00	32.17 1.50 -0.06	26.07 1.15 -1.94	42.35 1.17 -16.84	28.58 1.25 -0.32	32.88 1.52 0.00	29.71 1.37 0.00	49.65 2.20 0.00	49.69 2.39 0.00	48.68 2.35 0.00	45.03 2.18 0.00	47.44 2.34 0.00	26.30 1.31 -0.05	26.50 1.18 -1.66	20.62 0.93 -0.21
COOPERNY_115KV_TB1 80082	17.50 0.63 0.00	21.54 0.75 0.00	17.24 0.61 0.00	17.22 0.54 0.00	22.83 0.67 0.00	26.55 0.96 0.00	41.70 1.69 0.00	37.89 1.60 0.00	32.52 1.47 0.00	35.91 1.52 0.00	31.58 1.41 0.43	11.30 1.10 12.78	-84.66 1.02 110.02	26.10 1.17 2.08	32.87 1.50 0.00	29.71 1.37 0.00	49.79 2.34 0.00	50.02 2.72 0.00	48.91 2.58 0.00	45.27 2.42 0.00	47.66 2.56 0.00	26.01 1.41 0.34	14.06 1.23 10.84	19.09 0.97 1.37
COPENHAGEN_WT_PWR 323753	17.15 0.28 0.00	21.06 0.28 0.00	16.73 0.10 0.00	16.78 0.11 0.00	22.30 0.14 0.00	26.00 0.41 0.00	40.05 0.04 0.00	35.77 -0.53 0.00	30.41 -0.64 0.00	34.03 -0.36 0.00	29.96 -0.64 0.00	22.71 -0.27 0.00	24.02 -0.32 0.00	26.73 -0.28 0.00	30.90 -0.46 0.00	27.91 -0.43 0.00	46.75 -0.69 0.00	46.50 -0.80 0.00	45.26 -1.06 0.00	41.67 -1.19 0.00	43.68 -1.44 0.00	24.17 -0.77 0.00	22.89 -0.78 0.00	18.84 -0.64 0.00
CORNELL_____ 23752	16.77 -0.10 0.00	20.65 -0.14 0.00	16.76 -0.18 -0.31	16.51 -0.16 0.00	21.98 -0.18 0.00	25.50 -0.10 0.00	39.98 -0.06 -0.04	37.35 -0.13 -1.18	30.97 -0.08 0.00	34.21 -0.19 0.00	30.29 -0.32 0.00	22.82 -0.16 0.00	24.30 -0.04 0.00	27.07 0.06 0.00	31.43 0.06 0.00	28.33 -0.01 0.00	47.71 0.26 0.00	47.48 0.18 0.00	46.71 0.38 0.00	43.04 0.18 0.00	45.28 0.17 0.00	24.90 -0.04 0.00	23.64 -0.03 0.00	19.43 -0.05 0.00

CORONA__69_KV_TB1 355595	17.75 0.88 0.00	21.90 1.12 0.00	17.57 0.94 0.00	17.54 0.87 0.00	23.11 0.96 0.00	26.96 1.36 0.00	42.05 2.03 0.00	38.25 1.96 0.00	32.92 1.86 0.00	36.35 1.95 0.00	32.93 2.11 -0.23	31.37 1.66 -6.72	83.38 1.63 -57.42	30.08 1.98 -1.08	33.72 2.36 0.00	30.55 2.21 0.00	50.97 3.52 0.00	50.91 3.62 0.00	49.75 3.42 0.00	46.21 3.36 0.00	48.84 3.73 0.00	27.27 2.17 -0.16	30.85 2.06 -5.12	25.20 1.70 -4.01
CORTLAND__115KV_TB3 80093	16.72 -0.15 0.00	20.59 -0.20 0.00	16.50 -0.21 -0.08	16.48 -0.20 0.00	21.92 -0.23 0.00	25.43 -0.16 0.00	39.80 -0.21 0.00	36.04 -0.25 0.00	30.88 -0.17 0.00	34.17 -0.23 0.00	30.32 -0.28 0.00	22.84 -0.14 0.00	24.26 -0.08 0.00	26.99 -0.03 0.00	31.32 -0.04 0.00	28.26 -0.08 0.00	47.53 0.09 0.00	47.28 -0.02 0.00	46.45 0.12 0.00	42.82 -0.04 0.00	45.07 -0.04 0.00	24.81 -0.13 0.00	23.57 -0.10 0.00	19.39 -0.10 0.00
COXSACKIE__GT 23611	17.99 1.12 0.00	22.16 1.37 0.00	17.75 1.12 0.00	17.81 1.13 0.00	23.75 1.59 0.00	27.59 1.99 0.00	43.18 3.17 0.00	39.37 3.08 0.00	33.64 2.59 0.00	37.24 2.85 0.00	32.69 2.09 0.00	24.63 1.65 0.00	26.16 1.83 0.00	29.19 2.18 0.00	34.02 2.66 0.00	30.82 2.48 0.00	51.65 4.20 0.00	51.73 4.43 0.00	50.65 4.32 0.00	46.63 3.77 0.00	48.98 3.88 0.00	26.99 2.06 0.00	25.50 1.83 0.00	20.83 1.34 0.00
CPV_VALLEY__CC1 323721	17.46 0.59 0.00	21.49 0.71 0.00	17.21 0.57 0.00	17.18 0.51 0.00	22.78 0.62 0.00	26.50 0.90 0.00	41.60 1.59 0.00	37.81 1.52 0.00	32.48 1.42 0.00	35.85 1.45 0.00	31.43 1.36 0.54	8.04 1.08 16.02	-112.51 1.01 137.85	25.55 1.14 2.60	32.84 1.48 0.00	29.67 1.33 0.00	49.73 2.29 0.00	49.93 2.63 0.00	48.82 2.50 0.00	45.20 2.35 0.00	47.59 2.48 0.00	25.89 1.37 0.42	11.31 1.20 13.56	18.72 0.95 1.72
CPV_VALLEY__CC2 323722	17.46 0.59 0.00	21.49 0.71 0.00	17.21 0.57 0.00	17.18 0.51 0.00	22.78 0.62 0.00	26.50 0.90 0.00	41.60 1.59 0.00	37.81 1.52 0.00	32.48 1.42 0.00	35.85 1.45 0.00	31.43 1.36 0.54	8.04 1.08 16.02	-112.51 1.01 137.85	25.55 1.14 2.60	32.84 1.48 0.00	29.67 1.33 0.00	49.73 2.29 0.00	49.93 2.63 0.00	48.82 2.50 0.00	45.20 2.35 0.00	47.59 2.48 0.00	25.89 1.37 0.42	11.31 1.20 13.56	18.72 0.95 1.72
CRESCENT__HYD 24018	17.53 0.66 0.00	21.58 0.80 0.00	17.30 0.66 0.00	17.31 0.64 0.00	23.07 0.91 0.00	26.73 1.14 0.00	41.68 1.67 0.00	37.93 1.64 0.00	32.58 1.53 0.00	36.08 1.68 0.00	32.17 1.50 -0.06	26.07 1.15 -1.94	42.35 1.17 -16.84	28.58 1.25 -0.32	32.88 1.52 0.00	29.71 1.37 0.00	49.65 2.20 0.00	49.69 2.39 0.00	48.68 2.35 0.00	45.03 2.18 0.00	47.44 2.34 0.00	26.30 1.31 -0.05	26.50 1.18 -1.66	20.62 0.93 -0.21
CRICKET__VALLEY_CC1 323756	17.42 0.55 0.00	21.42 0.63 0.00	17.20 0.56 0.00	17.18 0.51 0.00	22.82 0.66 0.00	26.54 0.94 0.00	41.57 1.55 0.00	37.86 1.56 0.00	32.58 1.53 0.00	35.95 1.56 0.00	32.23 1.49 -0.14	28.40 1.18 -4.24	61.59 1.16 -36.10	28.95 1.25 -0.68	32.94 1.57 0.00	29.77 1.43 0.00	49.87 2.42 0.00	50.06 2.76 0.00	48.99 2.66 0.00	45.32 2.47 0.00	47.72 2.61 0.00	26.52 1.47 -0.11	28.51 1.28 -3.56	20.94 1.00 -0.45
CRICKET__VALLEY_CC2 323757	17.42 0.55 0.00	21.42 0.63 0.00	17.20 0.56 0.00	17.18 0.51 0.00	22.82 0.66 0.00	26.54 0.94 0.00	41.57 1.55 0.00	37.86 1.56 0.00	32.58 1.53 0.00	35.95 1.56 0.00	32.23 1.49 -0.14	28.40 1.18 -4.24	61.59 1.16 -36.10	28.95 1.25 -0.68	32.94 1.57 0.00	29.77 1.43 0.00	49.87 2.42 0.00	50.06 2.76 0.00	48.99 2.66 0.00	45.32 2.47 0.00	47.72 2.61 0.00	26.52 1.47 -0.11	28.51 1.28 -3.56	20.94 1.00 -0.45
CRICKET__VALLEY_CC3 323758	17.42 0.55 0.00	21.42 0.63 0.00	17.20 0.56 0.00	17.18 0.51 0.00	22.82 0.66 0.00	26.54 0.94 0.00	41.57 1.55 0.00	37.86 1.56 0.00	32.58 1.53 0.00	35.95 1.56 0.00	32.23 1.49 -0.14	28.40 1.18 -4.24	61.59 1.16 -36.10	28.95 1.25 -0.68	32.94 1.57 0.00	29.77 1.43 0.00	49.87 2.42 0.00	50.06 2.76 0.00	48.99 2.66 0.00	45.32 2.47 0.00	47.72 2.61 0.00	26.52 1.47 -0.11	28.51 1.28 -3.56	20.94 1.00 -0.45
CRUCIBLE__METL_DRP 24180	16.57 -0.30 0.00	20.40 -0.38 0.00	16.28 -0.35 0.00	16.33 -0.34 0.00	21.70 -0.45 0.00	25.13 -0.47 0.00	39.26 -0.75 0.00	35.55 -0.75 0.00	30.45 -0.60 0.00	33.71 -0.69 0.00	29.97 -0.64 0.00	22.57 -0.41 0.00	23.97 -0.37 0.00	26.62 -0.39 0.00	30.86 -0.50 0.00	27.89 -0.45 0.00	46.86 -0.59 0.00	46.64 -0.66 0.00	45.75 -0.57 0.00	42.22 -0.64 0.00	44.41 -0.70 0.00	24.48 -0.45 0.00	23.27 -0.40 0.00	19.20 -0.28 0.00
DAHOWA__HYDRO 323763	17.71 0.84 0.00	21.80 1.02 0.00	17.47 0.84 0.00	17.49 0.82 0.00	23.35 1.19 0.00	27.09 1.50 0.00	42.37 2.36 0.00	38.56 2.27 0.00	33.08 2.03 0.00	36.63 2.23 0.00	32.62 1.96 -0.06	26.28 1.46 -1.85	41.81 1.46 -16.02	28.89 1.58 -0.30	33.28 1.92 0.00	30.12 1.78 0.00	50.57 3.12 0.00	50.54 3.24 0.00	49.53 3.20 0.00	45.76 2.91 0.00	48.09 2.98 0.00	26.63 1.64 -0.05	26.76 1.51 -1.58	20.86 1.17 -0.20
DANC__LFGE 323619	16.87 0.00 0.00	20.73 -0.05 0.00	16.50 -0.13 0.00	16.55 -0.12 0.00	21.98 -0.17 0.00	25.55 -0.04 0.00	39.56 -0.45 0.00	35.52 -0.77 0.00	30.29 -0.76 0.00	33.75 -0.64 0.00	29.85 -0.76 0.00	22.57 -0.42 0.00	23.90 -0.44 0.00	26.58 -0.44 0.00	30.76 -0.60 0.00	27.79 -0.55 0.00	46.54 -0.91 0.00	46.32 -0.98 0.00	45.21 -1.12 0.00	41.65 -1.20 0.00	43.71 -1.40 0.00	24.16 -0.78 0.00	22.92 -0.75 0.00	18.90 -0.58 0.00
DANSKAMMER__1 23586	17.68 0.81 0.00	21.76 0.97 0.00	17.43 0.80 0.00	17.41 0.73 0.00	23.10 0.94 0.00	26.90 1.31 0.00	42.24 2.23 0.00	38.45 2.15 0.00	33.05 2.00 0.00	36.46 2.06 0.00	32.41 1.88 0.07	22.29 1.47 2.16	4.91 1.45 20.88	28.26 1.65 0.39	33.43 2.07 0.00	30.20 1.87 0.00	50.65 3.20 0.00	50.83 3.53 0.00	49.72 3.39 0.00	45.99 3.13 0.00	48.42 3.31 0.00	26.70 1.83 0.06	23.43 1.60 1.83	20.51 1.26 0.23
DANSKAMMER__2 23589	17.68 0.81 0.00	21.76 0.97 0.00	17.43 0.80 0.00	17.41 0.73 0.00	23.10 0.94 0.00	26.90 1.31 0.00	42.24 2.23 0.00	38.45 2.15 0.00	33.05 2.00 0.00	36.46 2.06 0.00	32.41 1.88 0.07	22.29 1.47 2.16	4.91 1.45 20.88	28.26 1.65 0.39	33.43 2.07 0.00	30.20 1.87 0.00	50.65 3.20 0.00	50.83 3.53 0.00	49.72 3.39 0.00	45.99 3.13 0.00	48.42 3.31 0.00	26.70 1.83 0.06	23.43 1.60 1.83	20.51 1.26 0.23
DANSKAMMER__3 23590	17.68 0.81 0.00	21.76 0.97 0.00	17.43 0.80 0.00	17.41 0.73 0.00	23.10 0.94 0.00	26.90 1.31 0.00	42.24 2.23 0.00	38.45 2.15 0.00	33.05 2.00 0.00	36.46 2.06 0.00	32.41 1.88 0.07	22.29 1.47 2.16	4.91 1.45 20.88	28.26 1.65 0.39	33.43 2.07 0.00	30.20 1.87 0.00	50.65 3.20 0.00	50.83 3.53 0.00	49.72 3.39 0.00	45.99 3.13 0.00	48.42 3.31 0.00	26.70 1.83 0.06	23.43 1.60 1.83	20.51 1.26 0.23

DANSKAMMER___4 23591	17.68 0.81 0.00	21.76 0.97 0.00	17.43 0.80 0.00	17.41 0.73 0.00	23.10 0.94 0.00	26.90 1.31 0.00	42.24 2.23 0.00	38.45 2.15 0.00	33.05 2.00 0.00	36.46 2.06 0.00	32.41 1.88 0.07	22.29 1.47 2.16	4.91 1.45 20.88	28.26 1.65 0.39	33.43 2.07 0.00	30.20 1.87 0.00	50.65 3.20 0.00	50.83 3.53 0.00	49.72 3.39 0.00	45.99 3.13 0.00	48.42 3.31 0.00	26.70 1.83 0.06	23.43 1.60 1.83	20.51 1.26 0.23
DANSKAMMER___DIESEL 23592	17.68 0.81 0.00	21.75 0.97 0.00	17.43 0.80 0.00	17.41 0.73 0.00	23.10 0.94 0.00	26.90 1.31 0.00	42.24 2.23 0.00	38.45 2.15 0.00	33.05 2.00 0.00	36.46 2.06 0.00	32.41 1.88 0.07	22.29 1.46 2.16	4.91 1.45 20.88	28.26 1.65 0.39	33.44 2.07 0.00	30.20 1.87 0.00	50.65 3.20 0.00	50.83 3.54 0.00	49.72 3.39 0.00	45.99 3.13 0.00	48.42 3.31 0.00	26.70 1.83 0.06	23.43 1.60 1.83	20.51 1.26 0.23
DARBY___SOLAR 323810	17.64 0.77 0.00	21.72 0.94 0.00	17.40 0.77 0.00	17.43 0.76 0.00	23.25 1.10 0.00	26.96 1.37 0.00	42.15 2.14 0.00	38.36 2.07 0.00	32.91 1.86 0.00	36.44 2.04 0.00	32.47 1.80 -0.06	26.18 1.35 -1.86	41.83 1.35 -16.14	28.77 1.46 -0.30	33.13 1.77 0.00	29.97 1.63 0.00	50.29 2.85 0.00	50.27 2.97 0.00	49.26 2.93 0.00	45.51 2.66 0.00	47.85 2.74 0.00	26.50 1.52 -0.05	26.65 1.39 -1.59	20.77 1.08 -0.20
DASHVILLE___HYD 23610	17.37 0.50 0.00	21.37 0.59 0.00	17.14 0.51 0.00	17.13 0.45 0.00	22.72 0.56 0.00	26.43 0.83 0.00	41.41 1.40 0.00	37.65 1.36 0.00	32.38 1.33 0.00	35.75 1.35 0.00	31.78 1.25 0.06	22.07 0.99 1.90	8.89 0.93 16.37	27.72 1.02 0.31	32.73 1.37 0.00	29.59 1.25 0.00	49.57 2.12 0.00	49.72 2.42 0.00	48.62 2.29 0.00	44.99 2.14 0.00	47.39 2.28 0.00	26.16 1.28 0.05	23.16 1.13 1.64	20.16 0.88 0.21
DEERFIELD_69_KV_DEERFIELD LD 355887	17.93 1.06 0.00	22.14 1.35 0.00	17.91 1.27 0.00	17.90 1.23 0.00	23.33 1.18 0.00	27.32 1.73 0.00	42.58 2.57 0.00	38.76 2.47 0.00	33.28 2.23 0.00	36.25 1.86 0.00	32.77 1.94 -0.23	31.11 1.41 -6.72	83.20 1.44 -57.42	30.00 1.91 -1.08	33.98 2.62 0.00	31.05 2.71 0.00	51.74 4.29 0.00	51.28 3.99 0.00	49.63 3.30 0.00	46.26 3.41 0.00	49.15 4.04 0.00	27.50 2.40 -0.16	31.20 2.41 -5.12	25.59 2.09 -4.01
DELAWARE___LFGE 323621	16.97 0.10 0.00	20.89 0.11 0.00	16.72 0.09 0.00	16.76 0.09 0.00	22.32 0.16 0.00	25.83 0.23 0.00	40.39 0.37 0.00	36.59 0.29 0.00	31.42 0.37 0.00	34.76 0.36 0.00	30.90 0.30 0.00	23.23 0.25 0.00	24.64 0.30 0.00	27.37 0.36 0.00	31.77 0.41 0.00	28.67 0.33 0.00	48.08 0.63 0.00	47.88 0.58 0.00	46.96 0.62 0.00	43.37 0.52 0.00	45.69 0.58 0.00	25.22 0.29 0.00	23.92 0.25 0.00	19.67 0.18 0.00
DERFIELD_115KV_TB7 355931	16.89 0.02 0.00	20.81 0.02 0.00	16.65 0.02 0.00	16.69 0.02 0.00	22.17 0.01 0.00	25.65 0.05 0.00	40.05 0.04 0.00	36.33 0.04 0.00	31.12 0.07 0.00	34.47 0.07 0.00	30.67 0.06 0.00	23.04 0.06 0.00	24.41 0.07 0.00	27.09 0.08 0.00	31.46 0.10 0.00	28.43 0.09 0.00	47.59 0.14 0.00	47.47 0.17 0.00	46.49 0.16 0.00	42.98 0.13 0.00	45.27 0.16 0.00	25.02 0.08 0.00	23.75 0.08 0.00	19.55 0.06 0.00
DOGLEVILLE___HYD 23807	16.94 0.06 0.00	20.80 0.02 0.00	16.69 0.06 0.00	16.74 0.07 0.00	22.33 0.18 0.00	25.96 0.37 0.00	40.59 0.58 0.00	36.91 0.61 0.00	31.81 0.76 0.00	35.02 0.63 0.00	31.08 0.48 0.00	23.46 0.48 0.00	24.86 0.53 0.00	27.64 0.63 0.00	32.20 0.84 0.00	29.04 0.71 0.00	48.57 1.12 0.00	48.48 1.19 0.00	47.56 1.23 0.00	43.86 1.00 0.00	46.47 1.36 0.00	25.71 0.78 0.00	24.32 0.65 0.00	19.94 0.45 0.00
DUNKIRK___115KV_TB_200 55889	15.44 -1.43 0.00	19.19 -1.60 0.00	14.92 -1.64 0.07	15.07 -1.60 0.00	20.06 -2.10 0.00	23.48 -2.11 0.00	36.62 -3.29 0.10	29.90 -3.19 3.20	28.55 -2.47 0.03	31.69 -2.71 0.00	28.15 -2.45 0.00	21.27 -1.71 0.00	22.64 -1.69 0.00	25.22 -1.79 0.00	29.06 -2.30 0.00	26.10 -2.24 0.00	44.69 -2.76 0.00	43.79 -3.51 0.00	43.60 -2.73 0.00	39.88 -2.98 0.00	42.12 -2.99 0.00	22.93 -2.00 0.00	21.89 -1.78 0.00	17.83 -1.66 0.00
DUNKIRK___1 23563	15.44 -1.43 0.00	19.19 -1.60 0.00	14.92 -1.64 0.07	15.07 -1.60 0.00	20.06 -2.10 0.00	23.48 -2.11 0.00	36.62 -3.29 0.10	29.90 -3.19 3.20	28.55 -2.47 0.03	31.69 -2.71 0.00	28.15 -2.45 0.00	21.27 -1.71 0.00	22.64 -1.69 0.00	25.22 -1.79 0.00	29.06 -2.30 0.00	26.10 -2.24 0.00	44.69 -2.76 0.00	43.79 -3.51 0.00	43.60 -2.73 0.00	39.88 -2.98 0.00	42.12 -2.99 0.00	22.93 -2.00 0.00	21.89 -1.78 0.00	17.83 -1.66 0.00
DUNKIRK___2 23564	15.44 -1.43 0.00	19.19 -1.60 0.00	14.92 -1.64 0.07	15.07 -1.60 0.00	20.06 -2.10 0.00	23.48 -2.11 0.00	36.62 -3.29 0.10	29.90 -3.19 3.20	28.55 -2.47 0.03	31.69 -2.71 0.00	28.15 -2.45 0.00	21.27 -1.71 0.00	22.64 -1.69 0.00	25.22 -1.79 0.00	29.06 -2.30 0.00	26.10 -2.24 0.00	44.69 -2.76 0.00	43.79 -3.51 0.00	43.60 -2.73 0.00	39.88 -2.98 0.00	42.12 -2.99 0.00	22.93 -2.00 0.00	21.89 -1.78 0.00	17.83 -1.66 0.00
DUNKIRK___3 23565	15.49 -1.39 0.00	19.23 -1.55 0.00	14.97 -1.60 0.07	15.10 -1.57 0.00	20.11 -2.04 0.00	23.52 -2.07 0.00	36.66 -3.25 0.10	29.65 -3.19 3.46	28.54 -2.47 0.03	31.70 -2.69 0.00	28.17 -2.44 0.00	21.30 -1.68 0.00	22.67 -1.67 0.00	25.22 -1.80 0.00	29.06 -2.30 0.00	26.14 -2.20 0.00	44.68 -2.77 0.00	43.82 -3.48 0.00	43.59 -2.73 0.00	39.89 -2.97 0.00	42.10 -3.01 0.00	22.95 -1.99 0.00	21.90 -1.77 0.00	17.86 -1.63 0.00
DUNKIRK___4 23566	15.49 -1.39 0.00	19.23 -1.55 0.00	14.97 -1.60 0.07	15.10 -1.57 0.00	20.11 -2.04 0.00	23.52 -2.07 0.00	36.66 -3.25 0.10	29.65 -3.19 3.46	28.54 -2.47 0.03	31.70 -2.69 0.00	28.17 -2.44 0.00	21.30 -1.68 0.00	22.67 -1.67 0.00	25.22 -1.80 0.00	29.06 -2.30 0.00	26.14 -2.20 0.00	44.68 -2.77 0.00	43.82 -3.48 0.00	43.59 -2.73 0.00	39.89 -2.97 0.00	42.10 -3.01 0.00	22.95 -1.99 0.00	21.90 -1.77 0.00	17.86 -1.63 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	17.66 0.79 0.00	21.72 0.93 0.00	17.39 0.75 0.00	17.35 0.68 0.00	22.99 0.83 0.00	26.80 1.21 0.00	42.06 2.05 0.00	38.26 1.96 0.00	32.95 1.90 0.00	36.37 1.97 0.00	32.73 1.90 -0.23	31.24 1.51 -6.75	83.45 1.48 -57.63	29.76 1.67 -1.09	33.44 2.07 0.00	30.21 1.87 0.00	50.53 3.08 0.00	50.73 3.43 0.00	49.57 3.24 0.00	45.89 3.04 0.00	48.35 3.24 0.00	26.94 1.85 -0.16	30.41 1.61 -5.13	21.43 1.29 -0.65
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.60 0.73 0.00	21.65 0.87 0.00	17.34 0.70 0.00	17.31 0.64 0.00	22.96 0.80 0.00	26.74 1.14 0.00	42.00 1.99 0.00	38.18 1.89 0.00	32.81 1.76 0.00	36.21 1.81 0.00	31.99 1.67 0.28	15.95 1.28 8.32	-46.86 1.23 72.43	27.05 1.41 1.37	33.18 1.82 0.00	29.98 1.64 0.00	50.27 2.82 0.00	50.50 3.20 0.00	49.38 3.05 0.00	45.69 2.84 0.00	48.12 3.01 0.00	26.36 1.65 0.22	18.01 1.44 7.10	19.73 1.14 0.90

E179THST_138_KV_TB4_REV_LBMP_J 345001	17.69 0.82 0.00	21.77 0.99 0.00	17.44 0.81 0.00	17.40 0.73 0.00	23.06 0.90 0.00	26.88 1.29 0.00	42.12 2.11 0.00	38.35 2.06 0.00	33.07 2.02 0.00	36.42 2.03 0.00	32.81 1.98 -0.23	31.28 1.55 -6.75	83.51 1.52 -57.66	29.82 1.72 -1.09	33.49 2.12 0.00	30.22 1.88 0.00	50.52 3.07 0.00	50.81 3.51 0.00	49.64 3.31 0.00	46.00 3.15 0.00	48.45 3.34 0.00	26.99 1.90 -0.16	30.44 1.64 -5.13	21.47 1.33 -0.65
E179THST_13_KV_LOAD 356214	17.75 0.88 0.00	21.85 1.07 0.00	17.49 0.86 0.00	17.46 0.79 0.00	23.13 0.97 0.00	26.98 1.38 0.00	42.28 2.27 0.00	38.51 2.22 0.00	33.21 2.16 0.00	36.58 2.19 0.00	32.95 2.12 -0.23	31.39 1.66 -6.75	83.62 1.63 -57.66	29.94 1.84 -1.09	33.62 2.26 0.00	30.36 2.02 0.00	50.76 3.31 0.00	51.04 3.74 0.00	49.87 3.55 0.00	46.21 3.36 0.00	48.66 3.55 0.00	27.11 2.02 -0.16	30.55 1.74 -5.13	21.55 1.41 -0.65
EAST HAMPTON___GT 23717	18.06 1.19 0.00	22.31 1.53 0.00	18.02 1.39 0.00	18.02 1.35 0.00	23.52 1.37 0.00	27.57 1.98 0.00	42.96 2.95 0.00	39.11 2.82 0.00	33.59 2.53 0.00	36.59 2.20 0.00	33.01 2.18 -0.23	31.27 1.56 -6.72	83.36 1.60 -57.42	30.18 2.09 -1.08	34.19 2.83 0.00	31.20 2.86 0.00	51.98 4.53 0.00	51.39 4.08 0.00	49.49 3.16 0.00	46.01 3.15 0.00	48.80 3.69 0.00	27.32 2.23 -0.16	31.05 2.26 -5.12	25.54 2.05 -4.01
EAST RIVER___6 23660	17.71 0.84 0.00	21.77 0.99 0.00	17.44 0.81 0.00	17.39 0.72 0.00	23.02 0.86 0.00	26.87 1.27 0.00	42.18 2.17 0.00	38.36 2.07 0.00	33.10 2.04 0.00	36.53 2.14 0.00	32.89 2.06 -0.23	31.39 1.66 -6.75	83.63 1.63 -57.66	29.95 1.85 -1.09	33.67 2.31 0.00	30.38 2.05 0.00	50.79 3.35 0.00	51.02 3.72 0.00	49.80 3.47 0.00	46.08 3.22 0.00	48.51 3.40 0.00	27.06 1.96 -0.16	30.53 1.72 -5.13	21.54 1.40 -0.65
EAST RIVER___7 23524	17.71 0.84 0.00	21.77 0.99 0.00	17.44 0.81 0.00	17.39 0.72 0.00	23.02 0.86 0.00	26.87 1.27 0.00	42.18 2.17 0.00	38.36 2.07 0.00	33.10 2.04 0.00	36.53 2.14 0.00	32.89 2.06 -0.23	31.39 1.66 -6.75	83.63 1.63 -57.66	29.95 1.85 -1.09	33.67 2.31 0.00	30.38 2.05 0.00	50.79 3.35 0.00	51.02 3.72 0.00	49.80 3.47 0.00	46.08 3.22 0.00	48.51 3.40 0.00	27.06 1.96 -0.16	30.53 1.72 -5.13	21.54 1.40 -0.65
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	17.62 0.75 0.00	21.68 0.89 0.00	17.36 0.73 0.00	17.33 0.66 0.00	22.96 0.80 0.00	26.77 1.17 0.00	42.00 1.99 0.00	38.19 1.90 0.00	32.88 1.83 0.00	36.29 1.90 0.00	32.65 1.81 -0.23	31.40 1.44 -6.98	85.37 1.40 -59.63	29.71 1.57 -1.13	33.34 1.97 0.00	30.12 1.78 0.00	50.40 2.96 0.00	50.60 3.30 0.00	49.46 3.13 0.00	45.78 2.93 0.00	48.22 3.11 0.00	26.87 1.76 -0.17	30.71 1.54 -5.50	21.42 1.23 -0.70
EAST_HAMPTON___DIESEL 23722	18.06 1.19 0.00	22.31 1.53 0.00	18.02 1.39 0.00	18.02 1.35 0.00	23.53 1.37 0.00	27.58 1.98 0.00	42.96 2.95 0.00	39.11 2.82 0.00	33.59 2.54 0.00	36.60 2.20 0.00	33.00 2.18 -0.23	31.26 1.56 -6.72	83.35 1.60 -57.42	30.18 2.09 -1.08	34.19 2.83 0.00	31.19 2.85 0.00	51.95 4.50 0.00	51.34 4.04 0.00	49.42 3.09 0.00	45.92 3.07 0.00	48.71 3.60 0.00	27.27 2.18 -0.16	31.01 2.22 -5.12	25.52 2.03 -4.01
EAST_POINT___SOLAR 323840	17.73 0.86 0.00	21.84 1.05 0.00	17.45 0.82 0.00	17.52 0.84 0.00	23.34 1.19 0.00	27.05 1.46 0.00	42.51 2.50 0.00	38.50 2.21 0.00	32.89 1.84 0.00	36.16 1.77 0.00	32.09 1.44 -0.05	25.66 1.11 -1.56	39.15 1.27 -13.54	28.95 1.69 -0.26	33.33 1.97 0.00	30.11 1.77 0.00	50.57 3.12 0.00	50.41 3.11 0.00	49.39 3.06 0.00	45.55 2.70 0.00	47.83 2.72 0.00	26.40 1.43 -0.04	26.33 1.33 -1.34	20.73 1.07 -0.17
EAST_PULASKI___ESR 323781	16.60 -0.27 0.00	20.43 -0.36 0.00	16.29 -0.34 0.00	16.34 -0.33 0.00	21.71 -0.45 0.00	25.15 -0.45 0.00	39.10 -0.91 0.00	35.31 -0.99 0.00	30.21 -0.84 0.00	33.53 -0.86 0.00	29.76 -0.84 0.00	22.44 -0.54 0.00	23.80 -0.54 0.00	26.43 -0.58 0.00	30.64 -0.72 0.00	27.69 -0.65 0.00	46.39 -1.06 0.00	46.20 -1.10 0.00	45.22 -1.10 0.00	41.71 -1.15 0.00	43.81 -1.30 0.00	24.18 -0.76 0.00	22.97 -0.69 0.00	18.98 -0.50 0.00
EAST_RIVER___1 323558	17.71 0.84 0.00	21.77 0.99 0.00	17.44 0.80 0.00	17.39 0.72 0.00	23.04 0.88 0.00	26.88 1.29 0.00	42.18 2.17 0.00	38.36 2.07 0.00	33.07 2.02 0.00	36.51 2.11 0.00	32.86 2.03 -0.23	31.36 1.63 -6.75	83.60 1.60 -57.66	29.91 1.81 -1.09	33.62 2.26 0.00	30.35 2.01 0.00	50.74 3.30 0.00	50.96 3.67 0.00	49.76 3.43 0.00	46.05 3.20 0.00	48.51 3.40 0.00	27.05 1.95 -0.16	30.51 1.70 -5.13	21.52 1.38 -0.65
EAST_RIVER___2 323559	17.71 0.84 0.00	21.77 0.99 0.00	17.44 0.81 0.00	17.39 0.72 0.00	23.02 0.86 0.00	26.87 1.27 0.00	42.18 2.17 0.00	38.36 2.07 0.00	33.10 2.04 0.00	36.53 2.14 0.00	32.89 2.06 -0.23	31.39 1.66 -6.75	83.63 1.63 -57.66	29.95 1.85 -1.09	33.67 2.31 0.00	30.38 2.05 0.00	50.79 3.35 0.00	51.02 3.72 0.00	49.80 3.47 0.00	46.08 3.22 0.00	48.51 3.40 0.00	27.06 1.96 -0.16	30.53 1.72 -5.13	21.54 1.40 -0.65
EAST___DELAWARE_HYD 23607	17.78 0.91 0.00	21.87 1.08 0.00	17.51 0.88 0.00	17.49 0.82 0.00	23.20 1.05 0.00	27.02 1.42 0.00	42.52 2.50 0.00	38.66 2.36 0.00	33.18 2.13 0.00	36.62 2.23 0.00	32.33 1.96 0.24	17.34 1.46 7.10	-35.58 1.39 61.30	27.46 1.60 1.16	33.46 2.09 0.00	30.29 1.95 0.00	50.85 3.40 0.00	51.11 3.81 0.00	49.98 3.65 0.00	46.24 3.39 0.00	48.64 3.53 0.00	26.67 1.92 0.19	19.31 1.69 6.04	20.04 1.32 0.76
EIGHT_POINT___WT_PWR 323820	15.11 -1.75 0.00	18.76 -2.03 0.00	14.64 -1.83 0.16	14.87 -1.80 0.00	19.86 -2.30 0.00	23.22 -2.37 0.00	36.74 -3.62 -0.35	44.11 -3.86 -11.67	27.87 -3.32 -0.14	30.73 -3.66 0.00	27.30 -3.30 0.00	20.73 -2.24 0.00	22.17 -2.17 0.00	24.55 -2.47 0.00	28.28 -3.09 -0.01	25.40 -2.94 0.00	43.35 -4.10 0.00	42.45 -4.85 0.00	41.91 -4.42 0.00	38.29 -4.57 0.00	40.45 -4.66 0.00	22.20 -2.74 0.00	21.05 -2.63 0.00	17.27 -2.22 0.00
ELBRIDGE_115KV_TB2 80188	16.46 -0.41 0.00	20.27 -0.51 0.00	16.17 -0.46 0.00	16.22 -0.45 0.00	21.56 -0.60 0.00	24.96 -0.64 0.00	39.00 -1.02 0.00	35.33 -0.96 0.00	30.26 -0.80 0.00	33.50 -0.90 0.00	29.77 -0.83 0.00	22.44 -0.54 0.00	23.83 -0.51 0.00	26.46 -0.55 0.00	30.64 -0.72 0.00	27.71 -0.63 0.00	46.57 -0.88 0.00	46.31 -0.99 0.00	45.46 -0.87 0.00	41.97 -0.88 0.00	44.16 -0.95 0.00	24.35 -0.59 0.00	23.14 -0.53 0.00	19.10 -0.39 0.00
ELEC_TRO_TEK 24086	17.67 0.80 0.00	21.79 1.00 0.00	17.49 0.85 0.00	17.46 0.78 0.00	22.99 0.83 0.00	26.83 1.23 0.00	41.89 1.87 0.00	38.12 1.83 0.00	32.81 1.76 0.00	36.21 1.81 0.00	32.79 1.96 -0.23	31.26 1.55 -6.72	83.28 1.52 -57.42	29.95 1.86 -1.08	33.58 2.22 0.00	30.43 2.09 0.00	50.73 3.28 0.00	50.68 3.38 0.00	49.49 3.16 0.00	45.96 3.11 0.00	48.59 3.48 0.00	27.15 2.05 -0.16	30.74 1.95 -5.12	25.11 1.62 -4.01

ELLENBURG_WT_PWR 323604	17.19 0.32 0.00	21.15 0.37 0.00	16.99 0.35 0.00	17.08 0.41 0.00	22.80 0.64 0.00	26.30 0.70 0.00	41.13 1.12 0.00	37.32 1.02 0.00	31.67 0.62 0.00	35.30 0.90 0.00	31.43 0.83 0.00	23.53 0.55 0.00	24.74 0.41 0.00	27.42 0.40 0.00	31.79 0.43 0.00	28.47 0.13 0.00	47.17 -0.27 0.00	46.37 -0.93 0.00	45.13 -1.20 0.00	41.74 -1.11 0.00	43.85 -1.26 0.00	24.60 -0.33 0.00	23.54 -0.13 0.00	19.21 -0.28 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.44 -1.43 0.00	19.19 -1.60 0.00	14.92 -1.65 0.07	15.05 -1.63 0.00	20.05 -2.11 0.00	23.39 -2.21 0.00	36.34 -3.56 0.11	28.99 -3.58 3.72	28.22 -2.80 0.04	31.35 -3.05 0.00	27.83 -2.78 0.00	21.11 -1.87 0.00	22.45 -1.89 0.00	24.92 -2.09 0.00	28.64 -2.72 0.00	25.95 -2.39 0.00	44.20 -3.25 0.00	43.46 -3.84 0.00	43.11 -3.22 0.00	39.47 -3.38 0.00	41.46 -3.65 0.00	22.67 -2.26 0.00	21.59 -2.08 0.00	17.64 -1.85 0.00
EMPIRE_CC_1 323656	17.39 0.52 0.00	21.45 0.66 0.00	17.20 0.56 0.00	17.21 0.54 0.00	22.91 0.76 0.00	26.54 0.95 0.00	41.31 1.30 0.00	37.59 1.30 0.00	32.31 1.26 0.00	35.77 1.38 0.00	31.92 1.24 -0.08	26.38 1.00 -2.41	46.23 0.98 -20.91	28.46 1.05 -0.39	32.63 1.27 0.00	29.48 1.14 0.00	49.16 1.71 0.00	49.24 1.94 0.00	48.23 1.90 0.00	44.65 1.80 0.00	47.06 1.95 0.00	26.12 1.12 -0.06	26.73 1.00 -2.06	20.55 0.80 -0.26
EMPIRE_CC_2 323658	17.39 0.52 0.00	21.45 0.66 0.00	17.20 0.56 0.00	17.21 0.54 0.00	22.91 0.76 0.00	26.54 0.95 0.00	41.31 1.30 0.00	37.59 1.30 0.00	32.31 1.26 0.00	35.77 1.38 0.00	31.92 1.24 -0.08	26.38 1.00 -2.41	46.23 0.98 -20.91	28.46 1.05 -0.39	32.63 1.27 0.00	29.48 1.14 0.00	49.16 1.71 0.00	49.24 1.94 0.00	48.23 1.90 0.00	44.65 1.80 0.00	47.06 1.95 0.00	26.12 1.12 -0.06	26.73 1.00 -2.06	20.55 0.80 -0.26
ENORWICH_115KV_TB1 80156	17.36 0.49 0.00	21.27 0.48 0.00	17.10 0.37 -0.10	17.11 0.44 0.00	22.89 0.74 0.00	26.44 0.85 0.00	41.60 1.57 -0.02	38.19 1.35 -0.54	32.18 1.13 0.00	35.49 1.10 0.00	31.21 0.64 0.04	22.35 0.41 1.04	16.23 0.86 8.97	27.85 1.01 0.17	32.58 1.22 0.00	29.38 1.04 0.00	49.49 2.05 0.00	49.39 2.09 0.00	48.48 2.15 0.00	44.50 1.65 0.00	46.71 1.60 0.00	25.60 0.70 0.03	23.37 0.57 0.87	19.77 0.40 0.11
ERIE_ST__34_KV_TB1-2 80199	15.84 -1.04 0.00	19.61 -1.18 0.00	15.26 -1.30 0.07	15.37 -1.30 0.00	20.49 -1.67 0.00	23.91 -1.68 0.00	37.23 -2.69 0.09	30.49 -2.68 3.13	29.00 -2.02 0.03	32.22 -2.17 0.00	28.68 -1.92 0.00	21.75 -1.23 0.00	23.16 -1.18 0.00	25.68 -1.33 0.00	29.55 -1.81 0.00	26.72 -1.62 0.00	45.51 -1.94 0.00	44.74 -2.55 0.00	44.42 -1.91 0.00	40.68 -2.18 0.00	42.74 -2.38 0.00	23.36 -1.57 0.00	22.26 -1.41 0.00	18.17 -1.31 0.00
ERIE_WT_PWR 323693	15.56 -1.31 0.00	19.31 -1.47 0.00	15.01 -1.55 0.07	15.15 -1.53 0.00	20.18 -1.98 0.00	23.55 -2.04 0.00	36.62 -3.28 0.11	29.46 -3.29 3.54	28.46 -2.56 0.03	31.60 -2.79 0.00	28.06 -2.54 0.00	21.29 -1.70 0.00	22.64 -1.70 0.00	25.12 -1.89 0.00	28.89 -2.47 0.00	26.15 -2.19 0.00	44.54 -2.91 0.00	43.80 -3.50 0.00	43.45 -2.88 0.00	39.79 -3.07 0.00	41.80 -3.31 0.00	22.85 -2.09 0.00	21.78 -1.90 0.00	17.78 -1.70 0.00
ESPRGFLD_115KV_TB1 80157	17.17 0.30 0.00	21.15 0.37 0.00	16.90 0.27 0.00	16.97 0.30 0.00	22.61 0.45 0.00	26.11 0.51 0.00	40.93 0.92 0.00	37.05 0.76 0.00	31.75 0.70 0.00	35.05 0.65 0.00	31.19 0.55 -0.04	24.63 0.48 -1.17	35.06 0.57 -10.15	27.96 0.75 -0.19	32.13 0.77 0.00	28.96 0.62 0.00	48.65 1.21 0.00	48.41 1.11 0.00	47.45 1.13 0.00	43.80 0.95 0.00	46.03 0.92 0.00	25.40 0.43 -0.03	25.09 0.42 -1.00	19.99 0.37 -0.13
ETNA_115_KV_TB1_REV_LBMP_C 345029	16.76 -0.11 0.00	20.63 -0.16 0.00	16.69 -0.19 -0.25	16.50 -0.17 0.00	21.97 -0.19 0.00	25.48 -0.12 0.00	39.94 -0.10 -0.03	37.11 -0.16 -0.98	30.92 -0.13 0.00	34.17 -0.23 0.00	30.25 -0.35 0.00	22.79 -0.19 0.00	24.27 -0.07 0.00	27.02 0.01 0.00	31.36 0.00 0.00	28.28 -0.06 0.00	47.63 0.18 0.00	47.42 0.12 0.00	46.64 0.31 0.00	42.98 0.12 0.00	45.23 0.12 0.00	24.87 -0.06 0.00	23.61 -0.06 0.00	19.41 -0.07 0.00
ETNA____115KV_TB2 80207	16.76 -0.11 0.00	20.63 -0.16 0.00	16.69 -0.19 -0.25	16.50 -0.17 0.00	21.97 -0.19 0.00	25.48 -0.12 0.00	39.94 -0.10 -0.03	37.11 -0.16 -0.98	30.92 -0.13 0.00	34.17 -0.23 0.00	30.25 -0.35 0.00	22.79 -0.19 0.00	24.27 -0.07 0.00	27.02 0.01 0.00	31.36 0.00 0.00	28.28 -0.06 0.00	47.63 0.18 0.00	47.42 0.12 0.00	46.64 0.31 0.00	42.98 0.12 0.00	45.23 0.12 0.00	24.87 -0.06 0.00	23.61 -0.06 0.00	19.41 -0.07 0.00
EUCLID__115KV_TB2 356179	16.42 -0.45 0.00	20.22 -0.56 0.00	16.14 -0.49 0.00	16.18 -0.49 0.00	21.50 -0.65 0.00	24.88 -0.72 0.00	38.81 -1.20 0.00	35.15 -1.15 0.00	30.14 -0.91 0.00	33.37 -1.02 0.00	29.67 -0.93 0.00	22.34 -0.64 0.00	23.70 -0.63 0.00	26.32 -0.69 0.00	30.52 -0.84 0.00	27.58 -0.76 0.00	46.32 -1.13 0.00	46.11 -1.19 0.00	45.22 -1.10 0.00	41.74 -1.12 0.00	43.89 -1.22 0.00	24.21 -0.72 0.00	23.01 -0.66 0.00	19.00 -0.49 0.00
E_CANADA_CAP_HY 24051	17.46 0.59 0.00	21.52 0.73 0.00	17.20 0.56 0.00	17.27 0.59 0.00	23.00 0.84 0.00	26.56 0.97 0.00	41.63 1.62 0.00	37.69 1.40 0.00	32.25 1.20 0.00	35.59 1.19 0.00	31.68 1.03 -0.05	25.30 0.85 -1.47	37.99 0.96 -12.70	28.44 1.19 -0.24	32.65 1.29 0.00	29.45 1.11 0.00	49.40 1.95 0.00	49.15 1.85 0.00	48.11 1.78 0.00	44.43 1.58 0.00	46.66 1.55 0.00	25.82 0.85 -0.04	25.76 0.84 -1.25	20.38 0.73 -0.16
E_CANADA_MHWK_HY 24050	16.94 0.06 0.00	20.80 0.02 0.00	16.69 0.06 0.00	16.74 0.07 0.00	22.33 0.18 0.00	25.96 0.37 0.00	40.59 0.58 0.00	36.91 0.61 0.00	31.81 0.76 0.00	35.02 0.63 0.00	31.08 0.48 0.00	23.46 0.48 0.00	24.86 0.53 0.00	27.64 0.63 0.00	32.20 0.84 0.00	29.04 0.71 0.00	48.57 1.12 0.00	48.48 1.19 0.00	47.56 1.23 0.00	43.86 1.00 0.00	46.47 1.36 0.00	25.71 0.78 0.00	24.32 0.65 0.00	19.94 0.45 0.00
E_FISHKILL__LBMP 23776	17.53 0.66 0.00	21.56 0.77 0.00	17.28 0.65 0.00	17.26 0.58 0.00	22.89 0.73 0.00	26.65 1.06 0.00	41.78 1.76 0.00	38.00 1.71 0.00	32.72 1.66 0.00	36.11 1.71 0.00	32.40 1.64 -0.16	28.91 1.30 -4.63	65.08 1.27 -39.47	29.17 1.41 -0.75	33.14 1.77 0.00	29.94 1.61 0.00	50.12 2.67 0.00	50.29 2.99 0.00	49.17 2.84 0.00	45.50 2.65 0.00	47.94 2.83 0.00	26.65 1.60 -0.12	28.86 1.40 -3.80	21.08 1.11 -0.48
FALCON___SEABRD_CC1 323796	17.29 0.42 0.00	21.26 0.47 0.00	17.14 0.50 0.00	17.22 0.54 0.00	23.05 0.90 0.00	26.62 1.03 0.00	41.61 1.59 0.00	37.82 1.53 0.00	32.03 0.97 0.00	35.72 1.32 0.00	31.89 1.28 0.00	23.91 0.93 0.00	25.03 0.69 0.00	27.71 0.70 0.00	32.18 0.81 0.00	28.72 0.38 0.00	47.53 0.08 0.00	46.25 -1.05 0.00	45.03 -1.30 0.00	41.71 -1.14 0.00	43.67 -1.44 0.00	24.56 -0.38 0.00	23.60 -0.08 0.00	19.28 -0.21 0.00

FALCON___SEABRD_CC2 323797	17.29 0.42 0.00	21.26 0.47 0.00	17.14 0.50 0.00	17.22 0.54 0.00	23.05 0.90 0.00	26.62 1.03 0.00	41.61 1.59 0.00	37.82 1.53 0.00	32.03 0.97 0.00	35.72 1.32 0.00	31.89 1.28 0.00	23.91 0.93 0.00	25.03 0.69 0.00	27.71 0.70 0.00	32.18 0.81 0.00	28.72 0.38 0.00	47.53 0.08 0.00	46.25 -1.05 0.00	45.03 -1.30 0.00	41.71 -1.14 0.00	43.67 -1.44 0.00	24.56 -0.38 0.00	23.60 -0.08 0.00	19.28 -0.21 0.00
FAR ROCKAWAY___4 23548	17.84 0.98 0.00	22.02 1.24 0.00	17.66 1.03 0.00	17.64 0.97 0.00	23.23 1.07 0.00	27.11 1.51 0.00	42.31 2.30 0.00	38.49 2.20 0.00	33.11 2.06 0.00	36.57 2.17 0.00	33.15 2.32 -0.23	31.53 1.82 -6.72	83.55 1.80 -57.42	30.28 2.18 -1.08	33.94 2.58 0.00	30.77 2.43 0.00	51.35 3.90 0.00	51.29 3.99 0.00	50.13 3.80 0.00	46.56 3.71 0.00	49.21 4.10 0.00	27.46 2.36 -0.16	31.02 2.23 -5.12	25.33 1.84 -4.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	17.72 0.85 0.00	21.79 1.01 0.00	17.45 0.81 0.00	17.41 0.74 0.00	23.06 0.90 0.00	26.91 1.31 0.00	42.22 2.21 0.00	38.40 2.10 0.00	33.10 2.05 0.00	36.52 2.13 0.00	32.87 2.04 -0.23	31.37 1.64 -6.75	83.61 1.61 -57.66	29.92 1.82 -1.09	33.63 2.27 0.00	30.36 2.02 0.00	50.77 3.32 0.00	50.99 3.69 0.00	49.79 3.46 0.00	46.09 3.23 0.00	48.55 3.43 0.00	27.07 1.97 -0.16	30.53 1.72 -5.13	21.53 1.39 -0.65
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	17.71 0.84 0.00	21.77 0.99 0.00	17.43 0.80 0.00	17.39 0.72 0.00	23.04 0.88 0.00	26.88 1.28 0.00	42.17 2.16 0.00	38.34 2.05 0.00	33.06 2.01 0.00	36.47 2.08 0.00	32.82 1.99 -0.23	31.34 1.61 -6.75	83.58 1.58 -57.66	29.88 1.78 -1.09	33.58 2.22 0.00	30.32 1.98 0.00	50.70 3.25 0.00	50.92 3.62 0.00	49.73 3.41 0.00	46.02 3.17 0.00	48.48 3.38 0.00	27.04 1.94 -0.16	30.50 1.70 -5.13	21.50 1.37 -0.65
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	17.71 0.84 0.00	21.78 0.99 0.00	17.44 0.81 0.00	17.41 0.74 0.00	23.05 0.90 0.00	26.90 1.30 0.00	42.21 2.19 0.00	38.38 2.08 0.00	33.09 2.04 0.00	36.50 2.11 0.00	32.86 2.03 -0.23	31.36 1.63 -6.75	83.60 1.60 -57.66	29.91 1.81 -1.09	33.61 2.25 0.00	30.35 2.01 0.00	50.75 3.30 0.00	50.97 3.66 0.00	49.77 3.44 0.00	46.06 3.21 0.00	48.52 3.41 0.00	27.05 1.96 -0.16	30.51 1.71 -5.13	21.52 1.38 -0.65
FARRAGUT___LBMP 323566	17.71 0.84 0.00	21.77 0.99 0.00	17.43 0.80 0.00	17.39 0.72 0.00	23.04 0.88 0.00	26.88 1.28 0.00	42.17 2.16 0.00	38.34 2.05 0.00	33.06 2.01 0.00	36.47 2.08 0.00	32.82 1.99 -0.23	31.34 1.61 -6.75	83.58 1.58 -57.66	29.88 1.78 -1.09	33.58 2.22 0.00	30.32 1.98 0.00	50.70 3.25 0.00	50.92 3.62 0.00	49.73 3.41 0.00	46.02 3.17 0.00	48.48 3.38 0.00	27.04 1.94 -0.16	30.50 1.70 -5.13	21.50 1.37 -0.65
FENNER___WINDPWR 24204	16.96 0.09 0.00	20.87 0.08 0.00	16.71 0.03 -0.05	16.74 0.06 0.00	22.30 0.14 0.00	25.85 0.25 0.00	40.45 0.44 0.00	36.60 0.31 0.00	31.33 0.28 0.00	34.69 0.29 0.00	30.88 0.28 0.00	23.28 0.30 0.00	24.69 0.36 0.00	27.46 0.45 0.00	31.86 0.50 0.00	28.77 0.43 0.00	48.26 0.82 0.00	47.98 0.68 0.00	46.90 0.57 0.00	43.26 0.40 0.00	45.50 0.39 0.00	25.08 0.15 0.00	23.81 0.14 0.00	19.59 0.11 0.00
FIBERTEK___ENERGY 23856	16.57 -0.30 0.00	20.40 -0.38 0.00	16.28 -0.35 0.00	16.33 -0.34 0.00	21.70 -0.45 0.00	25.13 -0.47 0.00	39.26 -0.75 0.00	35.55 -0.75 0.00	30.45 -0.60 0.00	33.71 -0.69 0.00	29.97 -0.64 0.00	22.57 -0.41 0.00	23.97 -0.37 0.00	26.62 -0.39 0.00	30.86 -0.50 0.00	27.89 -0.45 0.00	46.86 -0.59 0.00	46.64 -0.66 0.00	45.75 -0.57 0.00	42.22 -0.64 0.00	44.41 -0.70 0.00	24.48 -0.45 0.00	23.27 -0.40 0.00	19.20 -0.28 0.00
FITZPATRICK____ 23598	16.25 -0.62 0.00	20.01 -0.77 0.00	15.99 -0.65 0.00	16.03 -0.64 0.00	21.28 -0.88 0.00	24.59 -1.01 0.00	38.32 -1.69 0.00	34.72 -1.58 0.00	29.76 -1.30 0.00	32.95 -1.45 0.00	29.30 -1.30 0.00	22.05 -0.93 0.00	23.39 -0.94 0.00	25.95 -1.06 0.00	30.09 -1.27 0.00	27.20 -1.13 0.00	45.65 -1.80 0.00	45.45 -1.85 0.00	44.55 -1.78 0.00	41.15 -1.71 0.00	43.28 -1.83 0.00	23.90 -1.03 0.00	22.73 -0.94 0.00	18.80 -0.68 0.00
FLOWRFLD_69_KV_BK1 356044	17.78 0.91 0.00	21.96 1.17 0.00	17.70 1.07 0.00	17.68 1.01 0.00	23.10 0.95 0.00	27.00 1.41 0.00	42.08 2.07 0.00	38.32 2.03 0.00	32.93 1.87 0.00	36.10 1.71 0.00	32.74 1.92 -0.23	31.20 1.50 -6.72	83.22 1.47 -57.42	30.01 1.91 -1.08	33.74 2.38 0.00	30.72 2.38 0.00	51.17 3.72 0.00	51.03 3.72 0.00	49.65 3.32 0.00	46.28 3.42 0.00	49.08 3.97 0.00	27.45 2.36 -0.16	31.14 2.36 -5.12	25.48 1.99 -4.01
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	17.71 0.84 0.00	21.79 1.01 0.00	17.46 0.82 0.00	17.44 0.77 0.00	23.14 0.98 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.52 2.23 0.00	33.12 2.07 0.00	36.53 2.14 0.00	32.51 1.95 0.03	23.42 1.51 1.07	14.50 1.50 11.34	28.51 1.71 0.21	33.51 2.15 0.00	30.26 1.92 0.00	50.74 3.30 0.00	50.94 3.64 0.00	49.83 3.50 0.00	46.08 3.23 0.00	48.52 3.40 0.00	26.79 1.88 0.03	24.39 1.64 0.92	20.66 1.30 0.12
FORT ORANGE____ 23900	17.43 0.56 0.00	21.46 0.68 0.00	17.21 0.58 0.00	17.23 0.56 0.00	22.93 0.77 0.00	26.59 0.99 0.00	41.52 1.51 0.00	37.76 1.46 0.00	32.41 1.36 0.00	35.87 1.47 0.00	31.91 1.25 -0.06	25.76 0.99 -1.79	40.84 1.02 -15.48	28.44 1.13 -0.29	32.76 1.39 0.00	29.61 1.27 0.00	49.50 2.05 0.00	49.56 2.26 0.00	48.52 2.19 0.00	44.86 2.01 0.00	47.25 2.14 0.00	26.16 1.18 -0.05	26.24 1.04 -1.52	20.44 0.76 -0.19
FORT_DRUM_COGEN 23780	17.29 0.42 0.00	21.23 0.44 0.00	16.87 0.24 0.00	16.93 0.26 0.00	22.50 0.35 0.00	26.23 0.63 0.00	40.61 0.60 0.00	36.36 0.07 0.00	30.90 -0.15 0.00	34.50 0.10 0.00	30.41 -0.20 0.00	23.04 0.05 0.00	24.38 0.04 0.00	27.16 0.14 0.00	31.40 0.04 0.00	28.36 0.02 0.00	47.50 0.05 0.00	47.23 -0.07 0.00	45.99 -0.34 0.00	42.33 -0.52 0.00	44.36 -0.75 0.00	24.52 -0.42 0.00	23.22 -0.46 0.00	19.08 -0.40 0.00
FOX_HILLS___ESR 323835	17.77 0.91 0.00	21.86 1.07 0.00	17.50 0.87 0.00	17.45 0.78 0.00	23.13 0.97 0.00	27.00 1.40 0.00	42.27 2.26 0.00	38.45 2.16 0.00	33.19 2.14 0.00	36.45 2.06 0.00	32.90 2.07 -0.23	31.39 1.66 -6.75	83.60 1.61 -57.66	29.91 1.81 -1.09	33.65 2.29 0.00	30.36 2.02 0.00	50.62 3.17 0.00	50.95 3.65 0.00	49.79 3.46 0.00	46.12 3.26 0.00	48.57 3.46 0.00	27.19 2.10 -0.16	30.63 1.82 -5.13	21.63 1.49 -0.65
FPL FAR_ROCK_GT1 24212	17.84 0.98 0.00	22.03 1.24 0.00	17.66 1.03 0.00	17.64 0.97 0.00	23.23 1.07 0.00	27.11 1.51 0.00	42.31 2.30 0.00	38.48 2.19 0.00	33.11 2.06 0.00	36.57 2.18 0.00	33.15 2.32 -0.23	31.52 1.82 -6.72	83.55 1.80 -57.42	30.28 2.18 -1.08	33.95 2.59 0.00	30.77 2.43 0.00	51.35 3.90 0.00	51.29 3.99 0.00	50.13 3.80 0.00	46.56 3.71 0.00	49.20 4.09 0.00	27.46 2.36 -0.16	31.02 2.23 -5.12	25.33 1.84 -4.01

FPL FAR_ROCK_GT2 23815	17.84 0.98 0.00	22.03 1.24 0.00	17.66 1.03 0.00	17.64 0.97 0.00	23.23 1.07 0.00	27.11 1.51 0.00	42.31 2.30 0.00	38.48 2.19 0.00	33.11 2.06 0.00	36.57 2.18 0.00	33.15 2.32 -0.23	31.52 1.82 -6.72	83.55 1.80 -57.42	30.28 2.18 -1.08	33.95 2.59 0.00	30.77 2.43 0.00	51.35 3.90 0.00	51.29 3.99 0.00	50.13 3.80 0.00	46.56 3.71 0.00	49.20 4.09 0.00	27.46 2.36 -0.16	31.02 2.23 -5.12	25.33 1.84 -4.01
FRANKLIN_FALL_HYD 24054	17.58 0.71 0.00	21.63 0.84 0.00	17.33 0.70 0.00	17.43 0.76 0.00	23.24 1.09 0.00	26.88 1.28 0.00	42.13 2.12 0.00	38.17 1.88 0.00	32.40 1.35 0.00	36.17 1.77 0.00	32.10 1.49 0.00	24.00 1.02 0.00	25.26 0.92 0.00	28.04 1.03 0.00	32.48 1.12 0.00	29.20 0.86 0.00	48.52 1.08 0.00	47.98 0.68 0.00	46.79 0.46 0.00	43.26 0.41 0.00	45.36 0.25 0.00	25.28 0.34 0.00	24.04 0.37 0.00	19.62 0.13 0.00
FREEPORT_EQUUS_GT1 23764	17.75 0.88 0.00	21.91 1.12 0.00	17.59 0.96 0.00	17.56 0.89 0.00	23.09 0.94 0.00	26.97 1.38 0.00	41.94 1.93 0.00	38.20 1.91 0.00	32.95 1.90 0.00	36.34 1.94 0.00	32.93 2.11 -0.23	31.36 1.65 -6.72	83.35 1.60 -57.42	30.08 1.99 -1.08	33.73 2.37 0.00	30.58 2.24 0.00	50.84 3.39 0.00	50.78 3.48 0.00	49.55 3.22 0.00	46.06 3.20 0.00	48.74 3.63 0.00	27.31 2.22 -0.16	30.92 2.14 -5.12	25.26 1.76 -4.01
FREEPORT___CT2 23818	17.75 0.88 0.00	21.91 1.12 0.00	17.59 0.96 0.00	17.56 0.89 0.00	23.09 0.94 0.00	26.97 1.38 0.00	41.94 1.93 0.00	38.20 1.91 0.00	32.95 1.90 0.00	36.34 1.94 0.00	32.93 2.11 -0.23	31.36 1.65 -6.72	83.35 1.60 -57.42	30.08 1.99 -1.08	33.73 2.37 0.00	30.58 2.24 0.00	50.84 3.39 0.00	50.78 3.48 0.00	49.55 3.22 0.00	46.06 3.20 0.00	48.74 3.63 0.00	27.31 2.22 -0.16	30.92 2.14 -5.12	25.26 1.76 -4.01
FRESHKLS_33_KV_LOAD 356253	17.80 0.94 0.00	21.90 1.11 0.00	17.53 0.90 0.00	17.48 0.81 0.00	23.17 1.01 0.00	27.05 1.45 0.00	42.33 2.32 0.00	38.48 2.19 0.00	33.24 2.19 0.00	36.45 2.06 0.00	32.91 2.08 -0.23	31.39 1.66 -6.75	83.61 1.61 -57.66	29.91 1.81 -1.09	33.67 2.31 0.00	30.37 2.03 0.00	50.65 3.20 0.00	51.00 3.70 0.00	49.83 3.50 0.00	46.16 3.30 0.00	48.59 3.48 0.00	27.24 2.15 -0.16	30.67 1.87 -5.13	21.67 1.53 -0.65
FULTON COGEN____ 23766	16.39 -0.48 0.00	20.19 -0.60 0.00	16.12 -0.51 0.00	16.16 -0.51 0.00	21.47 -0.69 0.00	24.84 -0.76 0.00	38.74 -1.28 0.00	35.09 -1.20 0.00	30.09 -0.96 0.00	33.32 -1.08 0.00	29.62 -0.99 0.00	22.29 -0.69 0.00	23.67 -0.67 0.00	26.26 -0.75 0.00	30.47 -0.89 0.00	27.53 -0.81 0.00	46.20 -1.25 0.00	46.02 -1.28 0.00	45.15 -1.18 0.00	41.67 -1.19 0.00	43.80 -1.31 0.00	24.17 -0.77 0.00	22.96 -0.71 0.00	18.97 -0.52 0.00
FULTON___LFGE 323630	17.62 0.76 0.00	21.70 0.92 0.00	17.35 0.72 0.00	17.41 0.74 0.00	23.19 1.04 0.00	26.85 1.26 0.00	42.15 2.13 0.00	38.24 1.94 0.00	32.72 1.67 0.00	36.12 1.73 0.00	32.06 1.41 -0.05	25.70 1.13 -1.59	39.30 1.21 -13.76	28.78 1.51 -0.26	33.13 1.77 0.00	29.95 1.61 0.00	50.24 2.79 0.00	50.09 2.80 0.00	49.04 2.71 0.00	45.27 2.42 0.00	47.56 2.45 0.00	26.28 1.31 -0.04	26.23 1.21 -1.36	20.63 0.97 -0.17
G.F.CEMENT___DRP 24184	17.71 0.84 0.00	21.80 1.02 0.00	17.47 0.84 0.00	17.50 0.83 0.00	23.39 1.24 0.00	27.16 1.56 0.00	42.51 2.50 0.00	38.72 2.43 0.00	33.20 2.15 0.00	36.76 2.36 0.00	32.76 2.09 -0.06	26.34 1.54 -1.82	41.66 1.51 -15.81	28.93 1.62 -0.30	33.33 1.97 0.00	30.18 1.84 0.00	50.83 3.38 0.00	50.74 3.44 0.00	49.74 3.41 0.00	45.91 3.06 0.00	48.19 3.08 0.00	26.68 1.69 -0.05	26.80 1.58 -1.56	20.90 1.21 -0.20
GARDENVILLE___LBMP 24039	15.49 -1.38 0.00	19.24 -1.55 0.00	14.96 -1.60 0.07	15.09 -1.59 0.00	20.10 -2.06 0.00	23.46 -2.14 0.00	36.45 -3.44 0.12	28.74 -3.44 4.11	28.33 -2.69 0.04	31.47 -2.93 0.00	27.95 -2.65 0.00	21.20 -1.78 0.00	22.55 -1.79 0.00	25.02 -1.99 0.00	28.78 -2.58 0.00	26.04 -2.30 0.00	44.37 -3.08 0.00	43.62 -3.68 0.00	43.28 -3.05 0.00	39.63 -3.22 0.00	41.64 -3.47 0.00	22.77 -2.17 0.00	21.69 -1.98 0.00	17.72 -1.76 0.00
GARDNVLA_35_KV_LD 355827	15.56 -1.31 0.00	19.32 -1.46 0.00	15.03 -1.54 0.07	15.15 -1.52 0.00	20.18 -1.97 0.00	23.57 -2.03 0.00	36.66 -3.25 0.10	29.69 -3.28 3.33	28.49 -2.53 0.03	31.64 -2.76 0.00	28.09 -2.51 0.00	21.31 -1.67 0.00	22.66 -1.67 0.00	25.15 -1.86 0.00	28.95 -2.42 0.00	26.20 -2.14 0.00	44.63 -2.82 0.00	43.89 -3.41 0.00	43.56 -2.77 0.00	39.86 -2.99 0.00	41.88 -3.23 0.00	22.89 -2.04 0.00	21.81 -1.86 0.00	17.81 -1.68 0.00
GELCKHM___115KV_LOAD 80723	16.48 -0.39 0.00	20.29 -0.49 0.00	16.20 -0.44 0.00	16.24 -0.43 0.00	21.58 -0.58 0.00	24.98 -0.62 0.00	38.98 -1.03 0.00	35.30 -0.99 0.00	30.26 -0.80 0.00	33.50 -0.90 0.00	29.78 -0.82 0.00	22.43 -0.55 0.00	23.81 -0.53 0.00	26.43 -0.58 0.00	30.65 -0.71 0.00	27.70 -0.64 0.00	46.53 -0.92 0.00	46.33 -0.97 0.00	45.43 -0.90 0.00	41.92 -0.93 0.00	44.09 -1.02 0.00	24.32 -0.62 0.00	23.11 -0.56 0.00	19.08 -0.41 0.00
GENERAL___MILLS 23808	15.55 -1.32 0.00	19.30 -1.49 0.00	15.01 -1.55 0.07	15.14 -1.54 0.00	20.16 -1.99 0.00	23.54 -2.05 0.00	36.60 -3.30 0.11	29.43 -3.32 3.54	28.44 -2.58 0.03	31.59 -2.80 0.00	28.06 -2.54 0.00	21.28 -1.70 0.00	22.63 -1.71 0.00	25.12 -1.89 0.00	28.89 -2.47 0.00	26.15 -2.19 0.00	44.55 -2.90 0.00	43.81 -3.49 0.00	43.47 -2.86 0.00	39.79 -3.07 0.00	41.82 -3.30 0.00	22.86 -2.08 0.00	21.78 -1.89 0.00	17.79 -1.70 0.00
GE_PLASTICS___DRP 24183	17.28 0.41 0.00	21.29 0.51 0.00	17.08 0.44 0.00	17.09 0.42 0.00	22.73 0.58 0.00	26.35 0.75 0.00	41.13 1.12 0.00	37.37 1.07 0.00	32.09 1.04 0.00	35.51 1.12 0.00	31.64 0.98 -0.06	25.59 0.79 -1.83	40.94 0.80 -15.80	28.19 0.88 -0.30	32.44 1.08 0.00	29.31 0.97 0.00	49.00 1.55 0.00	49.01 1.71 0.00	47.97 1.65 0.00	44.39 1.54 0.00	46.76 1.66 0.00	25.91 0.93 -0.05	26.04 0.82 -1.56	20.29 0.61 -0.20
GILBOA___1 23756	17.12 0.25 0.00	21.09 0.30 0.00	16.94 0.31 0.00	16.96 0.29 0.00	22.53 0.37 0.00	26.04 0.45 0.00	40.69 0.68 0.00	36.89 0.60 0.00	31.75 0.69 0.00	35.11 0.72 0.00	31.32 0.66 -0.06	25.31 0.54 -1.80	40.31 0.54 -15.43	27.90 0.60 -0.29	32.11 0.74 0.00	28.99 0.66 0.00	48.45 1.00 0.00	48.35 1.06 0.00	47.33 1.00 0.00	43.82 0.96 0.00	46.24 1.13 0.00	25.64 0.65 -0.05	25.77 0.58 -1.52	20.12 0.44 -0.19
GILBOA___2 23757	17.12 0.25 0.00	21.09 0.30 0.00	16.94 0.31 0.00	16.96 0.29 0.00	22.53 0.37 0.00	26.04 0.45 0.00	40.69 0.68 0.00	36.89 0.60 0.00	31.75 0.69 0.00	35.11 0.72 0.00	31.32 0.66 -0.06	25.31 0.54 -1.80	40.31 0.54 -15.43	27.90 0.60 -0.29	32.11 0.74 0.00	28.99 0.66 0.00	48.45 1.00 0.00	48.35 1.06 0.00	47.33 1.00 0.00	43.82 0.96 0.00	46.24 1.13 0.00	25.64 0.65 -0.05	25.77 0.58 -1.52	20.12 0.44 -0.19

GILBOA___3 23758	17.12 0.25 0.00	21.09 0.30 0.00	16.94 0.31 0.00	16.96 0.29 0.00	22.53 0.37 0.00	26.04 0.45 0.00	40.69 0.68 0.00	36.89 0.60 0.00	31.75 0.69 0.00	35.11 0.72 0.00	31.32 0.66 -0.06	25.31 0.54 -1.80	40.31 0.54 -15.43	27.90 0.60 -0.29	32.11 0.74 0.00	28.99 0.66 0.00	48.45 1.00 0.00	48.35 1.06 0.00	47.33 1.00 0.00	43.82 0.96 0.00	46.24 1.13 0.00	25.64 0.65 -0.05	25.77 0.58 -1.52	20.12 0.44 -0.19
GILBOA___4 23759	17.12 0.25 0.00	21.09 0.30 0.00	16.94 0.31 0.00	16.96 0.29 0.00	22.53 0.37 0.00	26.04 0.45 0.00	40.69 0.68 0.00	36.89 0.60 0.00	31.75 0.69 0.00	35.11 0.72 0.00	31.32 0.66 -0.06	25.31 0.54 -1.80	40.31 0.54 -15.43	27.90 0.60 -0.29	32.11 0.74 0.00	28.99 0.66 0.00	48.45 1.00 0.00	48.35 1.06 0.00	47.33 1.00 0.00	43.82 0.96 0.00	46.24 1.13 0.00	25.64 0.65 -0.05	25.77 0.58 -1.52	20.12 0.44 -0.19
GILBOA___ 23599	17.12 0.25 0.00	21.09 0.30 0.00	16.94 0.30 0.00	16.96 0.29 0.00	22.53 0.37 0.00	26.04 0.45 0.00	40.69 0.68 0.00	36.90 0.60 0.00	31.75 0.70 0.00	35.11 0.72 0.00	31.32 0.66 -0.06	25.32 0.54 -1.80	40.31 0.54 -15.43	27.90 0.60 -0.29	32.11 0.74 0.00	28.99 0.66 0.00	48.45 1.00 0.00	48.36 1.06 0.00	47.33 1.00 0.00	43.82 0.96 0.00	46.24 1.13 0.00	25.64 0.65 -0.05	25.77 0.58 -1.52	20.12 0.44 -0.19
GINNA___ 23603	15.37 -1.50 0.00	19.00 -1.78 0.00	15.00 -1.60 0.03	15.08 -1.59 0.00	20.09 -2.07 0.00	23.35 -2.25 0.00	36.50 -3.51 0.00	32.93 -3.36 0.00	28.35 -2.71 0.00	31.42 -2.97 0.00	27.91 -2.70 0.00	21.09 -1.89 0.00	22.40 -1.94 0.00	24.84 -2.17 0.00	28.66 -2.70 0.00	25.98 -2.36 0.00	43.91 -3.54 0.00	43.60 -3.71 0.00	42.86 -3.47 0.00	39.43 -3.42 0.00	41.31 -3.80 0.00	22.69 -2.25 0.00	21.54 -2.13 0.00	17.69 -1.80 0.00
GLEN PARK___ 23778	17.33 0.46 0.00	21.28 0.49 0.00	16.92 0.28 0.00	16.97 0.30 0.00	22.56 0.40 0.00	26.31 0.71 0.00	40.76 0.74 0.00	36.53 0.24 0.00	31.06 0.00 0.00	34.65 0.26 0.00	30.53 -0.07 0.00	23.11 0.13 0.00	24.48 0.15 0.00	27.28 0.27 0.00	31.56 0.20 0.00	28.51 0.17 0.00	47.79 0.34 0.00	47.52 0.22 0.00	46.28 -0.05 0.00	42.60 -0.26 0.00	44.62 -0.49 0.00	24.64 -0.29 0.00	23.32 -0.35 0.00	19.16 -0.32 0.00
GLENDALE_27_KV_LOAD 356172	17.78 0.91 0.00	21.86 1.08 0.00	17.50 0.86 0.00	17.47 0.79 0.00	23.13 0.97 0.00	26.98 1.39 0.00	42.34 2.33 0.00	38.55 2.25 0.00	33.26 2.21 0.00	36.65 2.25 0.00	33.01 2.17 -0.23	31.47 1.74 -6.75	83.71 1.72 -57.66	30.04 1.94 -1.09	33.75 2.39 0.00	30.48 2.14 0.00	50.91 3.46 0.00	51.13 3.83 0.00	49.95 3.62 0.00	46.26 3.40 0.00	48.73 3.62 0.00	27.17 2.08 -0.16	30.60 1.80 -5.13	21.59 1.45 -0.65
GLENWOOD_IC_1_G5 23712	17.72 0.86 0.00	21.84 1.06 0.00	17.51 0.88 0.00	17.48 0.81 0.00	23.08 0.93 0.00	26.93 1.33 0.00	42.13 2.12 0.00	38.34 2.05 0.00	33.02 1.97 0.00	36.43 2.04 0.00	32.90 2.07 -0.23	31.34 1.64 -6.72	83.36 1.61 -57.42	30.00 1.90 -1.08	33.68 2.32 0.00	30.47 2.13 0.00	50.89 3.44 0.00	50.94 3.64 0.00	49.74 3.41 0.00	46.14 3.28 0.00	48.69 3.58 0.00	27.16 2.07 -0.16	30.70 1.92 -5.12	25.06 1.56 -4.01
GLENWOOD_IC_2_G1 23688	17.67 0.80 0.00	21.76 0.98 0.00	17.44 0.81 0.00	17.41 0.74 0.00	23.01 0.86 0.00	26.84 1.25 0.00	42.04 2.02 0.00	38.23 1.94 0.00	32.93 1.88 0.00	36.34 1.94 0.00	32.77 1.94 -0.23	31.25 1.55 -6.72	83.27 1.51 -57.42	29.85 1.76 -1.08	33.52 2.16 0.00	30.31 1.97 0.00	50.65 3.20 0.00	50.76 3.46 0.00	49.58 3.25 0.00	45.96 3.11 0.00	48.49 3.38 0.00	27.04 1.94 -0.16	30.56 1.77 -5.12	24.93 1.43 -4.01
GLENWOOD_IC_3_G1 23689	17.67 0.80 0.00	21.76 0.98 0.00	17.44 0.81 0.00	17.41 0.74 0.00	23.01 0.86 0.00	26.84 1.25 0.00	42.04 2.02 0.00	38.23 1.94 0.00	32.93 1.88 0.00	36.34 1.94 0.00	32.77 1.94 -0.23	31.25 1.55 -6.72	83.27 1.51 -57.42	29.85 1.76 -1.08	33.52 2.16 0.00	30.31 1.97 0.00	50.65 3.20 0.00	50.76 3.46 0.00	49.58 3.25 0.00	45.96 3.11 0.00	48.49 3.38 0.00	27.04 1.94 -0.16	30.56 1.77 -5.12	24.93 1.43 -4.01
GLENWOOD___4 23550	17.72 0.86 0.00	21.84 1.06 0.00	17.51 0.88 0.00	17.48 0.81 0.00	23.08 0.93 0.00	26.93 1.33 0.00	42.13 2.12 0.00	38.34 2.05 0.00	33.02 1.97 0.00	36.43 2.04 0.00	32.90 2.07 -0.23	31.34 1.64 -6.72	83.36 1.61 -57.42	30.00 1.90 -1.08	33.68 2.32 0.00	30.47 2.13 0.00	50.89 3.44 0.00	50.94 3.64 0.00	49.74 3.41 0.00	46.14 3.28 0.00	48.69 3.58 0.00	27.16 2.07 -0.16	30.70 1.92 -5.12	25.06 1.56 -4.01
GLENWOOD___5 23614	17.72 0.86 0.00	21.84 1.06 0.00	17.51 0.88 0.00	17.48 0.81 0.00	23.08 0.93 0.00	26.93 1.33 0.00	42.13 2.12 0.00	38.34 2.05 0.00	33.02 1.97 0.00	36.43 2.04 0.00	32.90 2.07 -0.23	31.34 1.64 -6.72	83.36 1.61 -57.42	30.00 1.90 -1.08	33.68 2.32 0.00	30.47 2.13 0.00	50.89 3.44 0.00	50.94 3.64 0.00	49.74 3.41 0.00	46.14 3.28 0.00	48.69 3.58 0.00	27.16 2.07 -0.16	30.70 1.92 -5.12	25.06 1.56 -4.01
GLOBAL GREEN_PORT_GT1 23814	18.07 1.20 0.00	22.31 1.53 0.00	18.03 1.40 0.00	18.03 1.35 0.00	23.52 1.37 0.00	27.57 1.97 0.00	42.96 2.95 0.00	39.13 2.84 0.00	33.60 2.54 0.00	36.61 2.21 0.00	33.05 2.22 -0.23	31.30 1.60 -6.72	83.39 1.63 -57.42	30.22 2.13 -1.08	34.24 2.87 0.00	31.26 2.92 0.00	52.12 4.67 0.00	51.61 4.31 0.00	49.81 3.49 0.00	46.35 3.50 0.00	49.18 4.07 0.00	27.51 2.42 -0.16	31.21 2.43 -5.12	25.64 2.15 -4.01
GLOBE___DSASP 323697	15.04 -1.83 0.00	18.71 -2.08 0.00	14.52 -2.05 0.06	14.64 -2.03 0.00	19.52 -2.64 0.00	22.77 -2.83 0.00	35.28 -4.65 0.08	28.95 -4.61 2.73	27.30 -3.72 0.03	30.28 -4.11 0.00	26.86 -3.74 0.00	20.42 -2.56 0.00	21.68 -2.66 0.00	24.06 -2.95 0.00	27.61 -3.75 0.00	25.10 -3.24 0.00	42.73 -4.72 0.00	42.01 -5.29 0.00	41.66 -4.67 0.00	38.15 -4.70 0.00	39.98 -5.13 0.00	21.91 -3.03 0.00	20.86 -2.81 0.00	17.04 -2.45 0.00
GOETHSLN___LBMP 323567	17.67 0.80 0.00	21.72 0.94 0.00	17.39 0.75 0.00	17.35 0.68 0.00	22.97 0.82 0.00	26.82 1.22 0.00	42.09 2.07 0.00	38.24 1.94 0.00	32.94 1.89 0.00	36.33 1.94 0.00	32.69 1.86 -0.23	31.25 1.51 -6.75	83.49 1.49 -57.66	29.80 1.70 -1.09	33.50 2.14 0.00	30.25 1.91 0.00	50.57 3.12 0.00	50.80 3.50 0.00	49.61 3.28 0.00	45.93 3.08 0.00	48.38 3.27 0.00	26.98 1.89 -0.16	30.46 1.65 -5.13	21.46 1.33 -0.65
GOLAH___69_KV_TB 1_2 80279	15.98 -0.89 0.00	19.80 -0.99 0.00	15.55 -1.05 0.04	15.64 -1.04 0.00	20.84 -1.32 0.00	24.27 -1.33 0.00	37.92 -2.09 0.00	34.19 -2.10 0.00	29.47 -1.58 0.00	32.68 -1.71 0.00	28.97 -1.63 0.00	21.91 -1.07 0.00	23.29 -1.05 0.00	25.81 -1.20 0.00	29.73 -1.63 0.00	26.96 -1.38 0.00	45.71 -1.74 0.00	45.31 -1.99 0.00	44.70 -1.63 0.00	41.04 -1.82 0.00	43.01 -2.10 0.00	23.58 -1.36 0.00	22.38 -1.29 0.00	18.33 -1.15 0.00

GOODYEAR_LAKE_HYD 323669	17.06 0.19 0.00	21.00 0.21 0.00	16.80 0.17 0.00	16.85 0.18 0.00	22.44 0.28 0.00	25.96 0.36 0.00	40.66 0.65 0.00	36.84 0.55 0.00	31.62 0.57 0.00	34.94 0.55 0.00	31.06 0.46 0.00	23.35 0.37 0.00	24.78 0.45 0.00	27.59 0.57 0.00	31.99 0.62 0.00	28.84 0.50 0.00	48.41 0.96 0.00	48.20 0.90 0.00	47.27 0.95 0.00	43.64 0.78 0.00	45.93 0.82 0.00	25.32 0.38 0.00	24.00 0.34 0.00	19.75 0.26 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.51 -0.36 0.00	20.35 -0.43 0.00	16.15 -0.44 0.04	16.24 -0.43 0.00	21.63 -0.53 0.00	25.12 -0.48 0.00	39.31 -0.70 0.00	35.61 -0.69 0.00	30.60 -0.45 0.00	33.89 -0.50 0.00	30.11 -0.49 0.00	22.63 -0.35 0.00	24.05 -0.29 0.00	26.73 -0.28 0.00	31.03 -0.33 0.00	27.97 -0.37 0.00	47.15 -0.30 0.00	46.64 -0.66 0.00	46.01 -0.32 0.00	42.37 -0.49 0.00	44.72 -0.39 0.00	24.57 -0.37 0.00	23.40 -0.27 0.00	19.20 -0.29 0.00
GOUDEY___7 23579	16.51 -0.36 0.00	20.35 -0.43 0.00	16.15 -0.44 0.04	16.24 -0.43 0.00	21.63 -0.53 0.00	25.12 -0.48 0.00	39.31 -0.70 0.00	35.61 -0.69 0.00	30.60 -0.45 0.00	33.89 -0.50 0.00	30.11 -0.49 0.00	22.63 -0.35 0.00	24.05 -0.29 0.00	26.73 -0.28 0.00	31.03 -0.33 0.00	27.97 -0.37 0.00	47.15 -0.30 0.00	46.64 -0.66 0.00	46.01 -0.32 0.00	42.37 -0.49 0.00	44.72 -0.39 0.00	24.57 -0.37 0.00	23.40 -0.27 0.00	19.20 -0.29 0.00
GOUDEY___8 23580	16.51 -0.36 0.00	20.35 -0.43 0.00	16.15 -0.44 0.04	16.24 -0.43 0.00	21.63 -0.53 0.00	25.12 -0.48 0.00	39.31 -0.70 0.00	35.61 -0.69 0.00	30.60 -0.45 0.00	33.89 -0.50 0.00	30.11 -0.49 0.00	22.63 -0.35 0.00	24.05 -0.29 0.00	26.73 -0.28 0.00	31.03 -0.33 0.00	27.97 -0.37 0.00	47.15 -0.30 0.00	46.64 -0.66 0.00	46.01 -0.32 0.00	42.37 -0.49 0.00	44.72 -0.39 0.00	24.57 -0.37 0.00	23.40 -0.27 0.00	19.20 -0.29 0.00
GOWANUS_GT1_1 24077	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.77 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.88 -1.09	33.71 2.35 0.00	30.42 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT1_2 24078	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.77 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.88 -1.09	33.71 2.35 0.00	30.42 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT1_3 24079	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.77 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.88 -1.09	33.71 2.35 0.00	30.42 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT1_4 24080	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.77 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.88 -1.09	33.71 2.35 0.00	30.42 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT1_5 24084	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.77 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.88 -1.09	33.71 2.35 0.00	30.42 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT1_6 24111	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.77 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.88 -1.09	33.71 2.35 0.00	30.42 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT1_7 24112	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.77 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.88 -1.09	33.71 2.35 0.00	30.42 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT1_8 24113	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.77 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.88 -1.09	33.71 2.35 0.00	30.42 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT2_1 24114	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.19 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.95 2.12 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.69 2.33 0.00	30.41 2.07 0.00	50.77 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.79 -5.13	21.58 1.45 -0.65
GOWANUS_GT2_2 24115	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.19 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.95 2.12 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.69 2.33 0.00	30.41 2.07 0.00	50.77 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.79 -5.13	21.58 1.45 -0.65
GOWANUS_GT2_3 24116	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.19 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.95 2.12 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.69 2.33 0.00	30.41 2.07 0.00	50.77 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.79 -5.13	21.58 1.45 -0.65

GOWANUS_GT2_4 24117	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.19 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.95 2.12 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.69 2.33 0.00	30.41 2.07 0.00	50.77 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.79 -5.13	21.58 1.45 -0.65
GOWANUS_GT2_5 24118	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.19 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.95 2.12 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.69 2.33 0.00	30.41 2.07 0.00	50.77 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.79 -5.13	21.58 1.45 -0.65
GOWANUS_GT2_6 24119	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.19 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.95 2.12 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.69 2.33 0.00	30.41 2.07 0.00	50.77 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.79 -5.13	21.58 1.45 -0.65
GOWANUS_GT2_7 24120	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.19 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.95 2.12 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.69 2.33 0.00	30.41 2.07 0.00	50.77 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.79 -5.13	21.58 1.45 -0.65
GOWANUS_GT2_8 24121	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.19 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.95 2.12 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.69 2.33 0.00	30.41 2.07 0.00	50.77 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.79 -5.13	21.58 1.45 -0.65
GOWANUS_GT3_1 24122	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT3_2 24123	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT3_3 24124	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT3_4 24125	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT3_5 24126	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT3_6 24127	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT3_7 24128	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT3_8 24129	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GOWANUS_GT4_1 24130	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.20 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.96 2.13 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.70 2.33 0.00	30.41 2.07 0.00	50.78 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.78 -5.13	21.58 1.45 -0.65
GOWANUS_GT4_2 24131	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.20 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.96 2.13 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.70 2.33 0.00	30.41 2.07 0.00	50.78 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.78 -5.13	21.58 1.45 -0.65

GOWANUS_GT4_3 24132	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.20 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.96 2.13 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.70 2.33 0.00	30.41 2.07 0.00	50.78 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.78 -5.13	21.58 1.45 -0.65
GOWANUS_GT4_4 24133	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.20 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.96 2.13 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.70 2.33 0.00	30.41 2.07 0.00	50.78 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.78 -5.13	21.58 1.45 -0.65
GOWANUS_GT4_5 24134	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.20 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.96 2.13 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.70 2.33 0.00	30.41 2.07 0.00	50.78 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.78 -5.13	21.58 1.45 -0.65
GOWANUS_GT4_6 24135	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.20 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.96 2.13 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.70 2.33 0.00	30.41 2.07 0.00	50.78 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.78 -5.13	21.58 1.45 -0.65
GOWANUS_GT4_7 24136	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.20 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.96 2.13 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.70 2.33 0.00	30.41 2.07 0.00	50.78 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.78 -5.13	21.58 1.45 -0.65
GOWANUS_GT4_8 24137	17.76 0.89 0.00	21.83 1.05 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.09 0.94 0.00	26.95 1.35 0.00	42.28 2.27 0.00	38.49 2.20 0.00	33.20 2.15 0.00	36.56 2.16 0.00	32.96 2.13 -0.23	31.42 1.69 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.70 2.33 0.00	30.41 2.07 0.00	50.78 3.33 0.00	51.01 3.71 0.00	49.85 3.52 0.00	46.19 3.34 0.00	48.65 3.54 0.00	27.16 2.07 -0.16	30.59 1.78 -5.13	21.58 1.45 -0.65
GREENBSH_115KV_TB3 55895	17.33 0.46 0.00	21.36 0.57 0.00	17.13 0.49 0.00	17.14 0.47 0.00	22.81 0.65 0.00	26.44 0.84 0.00	41.26 1.25 0.00	37.51 1.21 0.00	32.22 1.17 0.00	35.67 1.27 0.00	31.78 1.12 -0.06	25.78 0.90 -1.90	41.70 0.91 -16.46	28.32 0.99 -0.31	32.58 1.22 0.00	29.43 1.09 0.00	49.18 1.73 0.00	49.22 1.93 0.00	48.18 1.85 0.00	44.58 1.73 0.00	46.97 1.86 0.00	26.02 1.04 -0.05	26.20 0.90 -1.62	20.35 0.66 -0.20
GREENIDGE_115KV_TB5 80291	16.21 -0.66 0.00	20.01 -0.78 0.00	15.65 -0.79 0.19	15.91 -0.76 0.00	21.21 -0.95 0.00	24.71 -0.89 0.00	38.80 -1.36 -0.15	39.94 -1.37 -5.01	30.04 -1.06 -0.06	33.04 -1.36 0.00	29.42 -1.18 0.00	22.16 -0.82 0.00	23.57 -0.77 0.00	26.20 -0.82 0.00	30.23 -1.13 0.00	27.26 -1.08 0.00	46.04 -1.40 0.00	45.92 -1.39 0.00	45.36 -0.97 0.00	41.63 -1.22 0.00	43.83 -1.28 0.00	24.16 -0.77 0.00	22.89 -0.78 0.00	18.77 -0.72 0.00
GREENIDGE___3 23582	16.21 -0.66 0.00	20.01 -0.78 0.00	15.65 -0.79 0.19	15.91 -0.76 0.00	21.21 -0.95 0.00	24.71 -0.89 0.00	38.80 -1.36 -0.15	39.94 -1.37 -5.01	30.04 -1.06 -0.06	33.04 -1.36 0.00	29.42 -1.18 0.00	22.16 -0.82 0.00	23.57 -0.77 0.00	26.20 -0.82 0.00	30.23 -1.13 0.00	27.26 -1.08 0.00	46.04 -1.40 0.00	45.92 -1.39 0.00	45.36 -0.97 0.00	41.63 -1.22 0.00	43.83 -1.28 0.00	24.16 -0.77 0.00	22.89 -0.78 0.00	18.77 -0.72 0.00
GREENIDGE___4 23583	16.21 -0.66 0.00	20.00 -0.78 0.00	15.65 -0.79 0.19	15.91 -0.76 0.00	21.21 -0.95 0.00	24.71 -0.89 0.00	38.80 -1.36 -0.15	39.94 -1.37 -5.01	30.04 -1.06 -0.06	33.04 -1.36 0.00	29.42 -1.18 0.00	22.16 -0.82 0.00	23.57 -0.77 0.00	26.20 -0.82 0.00	30.23 -1.13 0.00	27.27 -1.07 0.00	46.04 -1.40 0.00	45.91 -1.39 0.00	45.36 -0.97 0.00	41.64 -1.21 0.00	43.82 -1.29 0.00	24.16 -0.77 0.00	22.89 -0.78 0.00	18.77 -0.72 0.00
GREENLWN_69_KV_BK 3 55738	17.55 0.68 0.00	21.68 0.89 0.00	17.43 0.80 0.00	17.41 0.73 0.00	22.80 0.65 0.00	26.59 1.00 0.00	41.39 1.38 0.00	37.69 1.40 0.00	32.40 1.35 0.00	35.73 1.34 0.00	32.39 1.56 -0.23	30.98 1.27 -6.72	83.02 1.27 -57.42	29.74 1.64 -1.08	33.26 1.90 0.00	30.19 1.85 0.00	50.24 2.79 0.00	50.19 2.89 0.00	48.94 2.62 0.00	45.56 2.71 0.00	48.23 3.12 0.00	26.99 1.90 -0.16	30.69 1.91 -5.12	25.11 1.62 -4.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.77 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.88 -1.09	33.71 2.35 0.00	30.42 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
GRISSOM___SOLAR 323813	17.63 0.76 0.00	21.71 0.93 0.00	17.37 0.73 0.00	17.41 0.74 0.00	23.20 1.04 0.00	26.87 1.27 0.00	42.16 2.15 0.00	38.26 1.97 0.00	32.76 1.70 0.00	36.16 1.77 0.00	32.09 1.43 -0.05	25.73 1.14 -1.61	39.48 1.20 -13.95	28.78 1.51 -0.26	33.17 1.80 0.00	29.98 1.64 0.00	50.29 2.85 0.00	50.15 2.85 0.00	49.09 2.76 0.00	45.34 2.48 0.00	47.63 2.52 0.00	26.33 1.35 -0.04	26.29 1.24 -1.38	20.65 0.99 -0.17
GROVEVILLE___HYD 323602	17.71 0.84 0.00	21.79 1.01 0.00	17.46 0.82 0.00	17.44 0.77 0.00	23.14 0.98 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.52 2.23 0.00	33.12 2.07 0.00	36.53 2.14 0.00	32.51 1.95 0.03	23.42 1.51 1.07	14.50 1.50 11.34	28.51 1.71 0.21	33.51 2.15 0.00	30.26 1.92 0.00	50.74 3.30 0.00	50.94 3.64 0.00	49.83 3.50 0.00	46.08 3.23 0.00	48.52 3.40 0.00	26.79 1.88 0.03	24.39 1.64 0.92	20.66 1.30 0.12
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	16.57 -0.30 0.00	20.40 -0.38 0.00	16.28 -0.35 0.00	16.33 -0.34 0.00	21.70 -0.45 0.00	25.13 -0.47 0.00	39.26 -0.75 0.00	35.55 -0.75 0.00	30.45 -0.60 0.00	33.71 -0.69 0.00	29.97 -0.64 0.00	22.57 -0.41 0.00	23.97 -0.37 0.00	26.62 -0.39 0.00	30.86 -0.50 0.00	27.89 -0.45 0.00	46.86 -0.59 0.00	46.64 -0.66 0.00	45.75 -0.57 0.00	42.22 -0.64 0.00	44.41 -0.70 0.00	24.48 -0.45 0.00	23.27 -0.40 0.00	19.20 -0.28 0.00

HAMLTNNY_34_KV_TB 80303	16.53 -0.34 0.00	20.36 -0.42 0.00	16.24 -0.39 0.00	16.28 -0.39 0.00	21.65 -0.51 0.00	25.08 -0.52 0.00	39.21 -0.80 0.00	35.51 -0.79 0.00	30.43 -0.63 0.00	33.67 -0.73 0.00	29.92 -0.69 0.00	22.56 -0.42 0.00	23.98 -0.36 0.00	26.62 -0.39 0.00	30.83 -0.53 0.00	27.89 -0.45 0.00	46.89 -0.56 0.00	46.62 -0.68 0.00	45.76 -0.57 0.00	42.23 -0.62 0.00	44.44 -0.67 0.00	24.49 -0.45 0.00	23.27 -0.41 0.00	19.19 -0.30 0.00
HAMPSHIRE___PAPER_HYD 323593	17.65 0.78 0.00	21.68 0.89 0.00	17.28 0.65 0.00	17.35 0.68 0.00	23.10 0.94 0.00	26.90 1.30 0.00	41.92 1.91 0.00	37.70 1.41 0.00	32.21 1.16 0.00	35.92 1.53 0.00	31.66 1.06 0.00	23.81 0.83 0.00	24.99 0.65 0.00	27.84 0.82 0.00	32.19 0.83 0.00	29.05 0.71 0.00	48.43 0.98 0.00	48.20 0.90 0.00	46.96 0.63 0.00	43.31 0.45 0.00	45.35 0.24 0.00	25.10 0.17 0.00	23.80 0.13 0.00	19.49 0.00 0.00
HARDSCRABBLE_WT_PWR 323673	16.81 -0.06 0.00	20.64 -0.14 0.00	16.56 -0.07 0.00	16.63 -0.04 0.00	22.20 0.05 0.00	25.77 0.17 0.00	40.21 0.19 0.00	36.51 0.22 0.00	31.52 0.47 0.00	34.67 0.28 0.00	30.83 0.23 0.00	23.34 0.36 0.00	24.75 0.42 0.00	27.47 0.46 0.00	31.91 0.54 0.00	28.74 0.40 0.00	48.12 0.67 0.00	48.01 0.71 0.00	47.11 0.78 0.00	43.44 0.59 0.00	46.04 0.93 0.00	25.47 0.53 0.00	24.12 0.45 0.00	19.82 0.33 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.64 0.77 0.00	21.71 0.93 0.00	17.38 0.74 0.00	17.35 0.68 0.00	23.00 0.84 0.00	26.80 1.20 0.00	42.11 2.10 0.00	38.28 1.99 0.00	32.89 1.84 0.00	36.32 1.93 0.00	31.79 1.79 0.60	6.39 1.38 17.97	-128.94 1.33 154.60	25.62 1.52 2.92	33.29 1.93 0.00	30.08 1.74 0.00	50.45 3.01 0.00	50.71 3.41 0.00	49.57 3.25 0.00	45.89 3.03 0.00	48.29 3.19 0.00	26.18 1.75 0.51	9.04 1.51 16.14	18.64 1.19 2.04
HARSNRAD_115KV_TB1 81005	15.32 -1.55 0.00	19.05 -1.73 0.00	14.81 -1.77 0.06	14.92 -1.75 0.00	19.89 -2.27 0.00	23.16 -2.44 0.00	35.94 -3.99 0.08	29.62 -3.96 2.72	27.88 -3.15 0.03	30.92 -3.47 0.00	27.45 -3.15 0.00	20.85 -2.13 0.00	22.15 -2.19 0.00	24.57 -2.44 0.00	28.19 -3.17 0.00	25.60 -2.74 0.00	43.59 -3.85 0.00	42.92 -4.38 0.00	42.54 -3.79 0.00	38.94 -3.91 0.00	40.82 -4.29 0.00	22.34 -2.59 0.00	21.26 -2.41 0.00	17.37 -2.11 0.00
HARZA MOOSE___RIVER 24016	17.27 0.40 0.00	21.21 0.42 0.00	16.92 0.28 0.00	16.98 0.30 0.00	22.56 0.40 0.00	26.26 0.67 0.00	40.85 0.84 0.00	36.75 0.46 0.00	31.32 0.27 0.00	34.82 0.43 0.00	30.87 0.26 0.00	23.35 0.37 0.00	24.70 0.36 0.00	27.50 0.48 0.00	31.81 0.44 0.00	28.72 0.38 0.00	48.01 0.56 0.00	47.77 0.47 0.00	46.63 0.30 0.00	43.00 0.15 0.00	45.19 0.08 0.00	24.97 0.03 0.00	23.69 0.02 0.00	19.45 -0.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	16.46 -0.41 0.00	20.28 -0.51 0.00	16.18 -0.45 0.00	16.23 -0.44 0.00	21.57 -0.59 0.00	24.96 -0.63 0.00	38.96 -1.05 0.00	35.29 -1.00 0.00	30.27 -0.79 0.00	33.51 -0.89 0.00	29.79 -0.81 0.00	22.43 -0.55 0.00	23.81 -0.52 0.00	26.44 -0.58 0.00	30.67 -0.69 0.00	27.70 -0.64 0.00	46.53 -0.91 0.00	46.33 -0.97 0.00	45.44 -0.89 0.00	41.92 -0.93 0.00	44.09 -1.02 0.00	24.31 -0.63 0.00	23.10 -0.57 0.00	19.07 -0.42 0.00
HELLGATE_13_KV_LD 55870	17.71 0.84 0.00	21.78 0.99 0.00	17.44 0.81 0.00	17.41 0.74 0.00	23.05 0.89 0.00	26.88 1.28 0.00	42.16 2.14 0.00	38.35 2.06 0.00	33.11 2.05 0.00	36.45 2.05 0.00	32.85 2.02 -0.23	31.34 1.61 -6.75	83.57 1.58 -57.66	29.89 1.79 -1.09	33.58 2.22 0.00	30.32 1.98 0.00	50.61 3.16 0.00	50.85 3.55 0.00	49.67 3.34 0.00	46.01 3.15 0.00	48.49 3.38 0.00	27.04 1.95 -0.16	30.48 1.68 -5.13	21.50 1.37 -0.65
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	17.71 0.84 0.00	21.78 0.99 0.00	17.44 0.81 0.00	17.41 0.74 0.00	23.05 0.89 0.00	26.88 1.28 0.00	42.16 2.14 0.00	38.35 2.06 0.00	33.11 2.05 0.00	36.45 2.05 0.00	32.85 2.02 -0.23	31.34 1.61 -6.75	83.57 1.58 -57.66	29.89 1.79 -1.09	33.58 2.22 0.00	30.32 1.98 0.00	50.61 3.16 0.00	50.85 3.55 0.00	49.67 3.34 0.00	46.01 3.15 0.00	48.49 3.38 0.00	27.04 1.95 -0.16	30.48 1.68 -5.13	21.50 1.37 -0.65
HEMPSTEAD____ 23647	17.65 0.78 0.00	21.77 0.99 0.00	17.47 0.84 0.00	17.44 0.77 0.00	22.97 0.82 0.00	26.82 1.22 0.00	41.86 1.84 0.00	38.11 1.81 0.00	32.81 1.76 0.00	36.19 1.80 0.00	32.77 1.94 -0.23	31.24 1.54 -6.72	83.25 1.49 -57.42	29.92 1.83 -1.08	33.56 2.20 0.00	30.41 2.07 0.00	50.67 3.22 0.00	50.65 3.35 0.00	49.42 3.09 0.00	45.91 3.06 0.00	48.52 3.41 0.00	27.12 2.02 -0.16	30.71 1.93 -5.12	25.08 1.59 -4.01
HEWLETT_69_KV_BK3 55828	17.78 0.91 0.00	21.94 1.16 0.00	17.61 0.97 0.00	17.58 0.91 0.00	23.15 1.00 0.00	27.01 1.41 0.00	42.13 2.12 0.00	38.33 2.04 0.00	32.98 1.93 0.00	36.42 2.03 0.00	33.02 2.19 -0.23	31.42 1.72 -6.72	83.45 1.70 -57.42	30.16 2.06 -1.08	33.81 2.45 0.00	30.64 2.30 0.00	51.11 3.66 0.00	51.05 3.75 0.00	49.88 3.55 0.00	46.34 3.49 0.00	48.98 3.87 0.00	27.34 2.24 -0.16	30.92 2.13 -5.12	25.26 1.76 -4.01
HICKLING___1 23621	16.03 -0.84 0.00	19.79 -1.00 0.00	15.46 -0.99 0.18	15.70 -0.97 0.00	20.93 -1.23 0.00	24.43 -1.16 0.00	38.42 -1.64 -0.05	36.17 -1.63 -1.50	29.79 -1.28 -0.02	33.00 -1.39 0.00	29.28 -1.32 0.00	22.02 -0.96 0.00	23.47 -0.86 0.00	26.10 -0.91 0.00	30.24 -1.13 0.00	27.17 -1.17 0.00	46.18 -1.27 0.00	45.43 -1.87 0.00	45.07 -1.27 0.00	41.33 -1.53 0.00	43.73 -1.38 0.00	23.91 -1.02 0.00	22.82 -0.85 0.00	18.66 -0.83 0.00
HICKLING___2 23622	16.03 -0.84 0.00	19.79 -1.00 0.00	15.46 -0.99 0.18	15.70 -0.97 0.00	20.93 -1.23 0.00	24.43 -1.16 0.00	38.42 -1.64 -0.05	36.17 -1.63 -1.50	29.79 -1.28 -0.02	33.00 -1.39 0.00	29.28 -1.32 0.00	22.02 -0.96 0.00	23.47 -0.86 0.00	26.10 -0.91 0.00	30.24 -1.13 0.00	27.17 -1.17 0.00	46.18 -1.27 0.00	45.43 -1.87 0.00	45.07 -1.27 0.00	41.33 -1.53 0.00	43.73 -1.38 0.00	23.91 -1.02 0.00	22.82 -0.85 0.00	18.66 -0.83 0.00
HIGH FALLS___HY 23754	17.67 0.80 0.00	21.73 0.94 0.00	17.41 0.77 0.00	17.38 0.71 0.00	23.04 0.88 0.00	26.84 1.25 0.00	42.24 2.22 0.00	38.41 2.12 0.00	33.00 1.94 0.00	36.38 1.99 0.00	32.28 1.79 0.11	21.04 1.31 3.25	-2.54 1.20 28.07	27.91 1.43 0.53	33.26 1.90 0.00	30.11 1.77 0.00	50.57 3.12 0.00	50.82 3.52 0.00	49.70 3.37 0.00	45.99 3.13 0.00	48.39 3.28 0.00	26.64 1.79 0.09	22.44 1.55 2.79	20.36 1.23 0.35
HIGH_RIVER___SOLAR 323847	17.42 0.55 0.00	21.45 0.67 0.00	17.18 0.55 0.00	17.22 0.54 0.00	22.91 0.76 0.00	26.53 0.93 0.00	41.54 1.53 0.00	37.70 1.41 0.00	32.30 1.25 0.00	35.69 1.29 0.00	31.71 1.05 -0.06	25.52 0.85 -1.69	39.85 0.87 -14.65	28.35 1.06 -0.28	32.67 1.31 0.00	29.53 1.19 0.00	49.51 2.07 0.00	49.45 2.15 0.00	48.42 2.09 0.00	44.74 1.88 0.00	47.04 1.93 0.00	26.04 1.06 -0.05	26.08 0.96 -1.44	20.44 0.77 -0.18

HILLBURN___GT 23639	17.59 0.72 0.00	21.66 0.87 0.00	17.33 0.70 0.00	17.29 0.62 0.00	22.92 0.76 0.00	26.72 1.12 0.00	41.98 1.97 0.00	38.15 1.86 0.00	32.80 1.74 0.00	36.20 1.80 0.00	31.66 1.69 0.63	5.47 1.34 18.86	-136.57 1.28 162.19	25.39 1.44 3.06	33.19 1.83 0.00	29.98 1.65 0.00	50.26 2.81 0.00	50.50 3.20 0.00	49.37 3.04 0.00	45.72 2.87 0.00	48.13 3.02 0.00	26.07 1.68 0.55	7.64 1.44 17.48	18.42 1.15 2.21
HILLSIDE_115KV_TB1 80332	16.01 -0.86 0.00	19.77 -1.02 0.00	15.46 -1.00 0.17	15.69 -0.98 0.00	20.92 -1.24 0.00	24.42 -1.18 0.00	38.37 -1.69 -0.04	36.00 -1.61 -1.32	29.83 -1.24 -0.02	33.07 -1.32 0.00	29.35 -1.25 0.00	22.04 -0.93 0.00	23.47 -0.86 0.00	26.10 -0.91 0.00	30.27 -1.09 0.00	27.20 -1.14 0.00	46.17 -1.28 0.00	45.33 -1.97 0.00	45.03 -1.30 0.00	41.32 -1.54 0.00	43.78 -1.32 0.00	23.93 -1.00 0.00	22.87 -0.80 0.00	18.69 -0.80 0.00
HISHELDN_WT_PWR 323625	15.30 -1.57 0.00	18.98 -1.81 0.00	14.80 -1.75 0.08	14.92 -1.76 0.00	19.86 -2.30 0.00	23.16 -2.43 0.00	35.89 -3.83 0.28	23.07 -3.80 9.42	27.89 -3.09 0.08	31.04 -3.36 0.00	27.58 -3.03 0.00	20.89 -2.09 0.00	22.25 -2.09 0.00	24.67 -2.35 0.00	28.38 -2.97 0.01	25.68 -2.66 0.00	43.66 -3.79 0.00	42.91 -4.38 0.00	42.53 -3.79 0.00	38.95 -3.90 0.00	41.07 -4.03 0.00	22.48 -2.45 0.00	21.41 -2.26 0.00	17.54 -1.95 0.00
HOLTSVILLE_IC_1 23690	17.72 0.85 0.00	21.88 1.10 0.00	17.64 1.01 0.00	17.62 0.95 0.00	23.02 0.87 0.00	26.91 1.31 0.00	41.91 1.90 0.00	38.14 1.85 0.00	32.80 1.75 0.00	35.98 1.59 0.00	32.64 1.81 -0.23	31.12 1.42 -6.72	83.14 1.39 -57.42	29.91 1.82 -1.08	33.61 2.25 0.00	30.59 2.25 0.00	50.90 3.45 0.00	50.70 3.40 0.00	49.32 3.00 0.00	45.98 3.12 0.00	48.78 3.67 0.00	27.30 2.21 -0.16	31.03 2.24 -5.12	25.39 1.90 -4.01
HOLTSVILLE_IC_10 23699	17.78 0.91 0.00	21.95 1.17 0.00	17.70 1.07 0.00	17.68 1.01 0.00	23.10 0.94 0.00	27.00 1.41 0.00	42.07 2.06 0.00	38.32 2.02 0.00	32.94 1.89 0.00	36.09 1.70 0.00	32.73 1.90 -0.23	31.18 1.48 -6.72	83.21 1.45 -57.42	29.99 1.90 -1.08	33.74 2.38 0.00	30.74 2.39 0.00	51.18 3.73 0.00	50.98 3.69 0.00	49.60 3.27 0.00	46.24 3.39 0.00	49.05 3.94 0.00	27.45 2.35 -0.16	31.15 2.36 -5.12	25.48 1.99 -4.01
HOLTSVILLE_IC_2 23691	17.72 0.85 0.00	21.88 1.10 0.00	17.64 1.01 0.00	17.62 0.95 0.00	23.02 0.87 0.00	26.91 1.31 0.00	41.91 1.90 0.00	38.14 1.85 0.00	32.80 1.75 0.00	35.98 1.59 0.00	32.64 1.81 -0.23	31.12 1.42 -6.72	83.14 1.39 -57.42	29.91 1.82 -1.08	33.61 2.25 0.00	30.59 2.25 0.00	50.90 3.45 0.00	50.70 3.40 0.00	49.32 3.00 0.00	45.98 3.12 0.00	48.78 3.67 0.00	27.30 2.21 -0.16	31.03 2.24 -5.12	25.39 1.90 -4.01
HOLTSVILLE_IC_3 23692	17.72 0.85 0.00	21.88 1.10 0.00	17.64 1.01 0.00	17.62 0.95 0.00	23.02 0.87 0.00	26.91 1.31 0.00	41.91 1.90 0.00	38.14 1.85 0.00	32.80 1.75 0.00	35.98 1.59 0.00	32.64 1.81 -0.23	31.12 1.42 -6.72	83.14 1.39 -57.42	29.91 1.82 -1.08	33.61 2.25 0.00	30.59 2.25 0.00	50.90 3.45 0.00	50.70 3.40 0.00	49.32 3.00 0.00	45.98 3.12 0.00	48.78 3.67 0.00	27.30 2.21 -0.16	31.03 2.24 -5.12	25.39 1.90 -4.01
HOLTSVILLE_IC_4 23693	17.72 0.85 0.00	21.88 1.10 0.00	17.64 1.01 0.00	17.62 0.95 0.00	23.02 0.87 0.00	26.91 1.31 0.00	41.91 1.90 0.00	38.14 1.85 0.00	32.80 1.75 0.00	35.98 1.59 0.00	32.64 1.81 -0.23	31.12 1.42 -6.72	83.14 1.39 -57.42	29.91 1.82 -1.08	33.61 2.25 0.00	30.59 2.25 0.00	50.90 3.45 0.00	50.70 3.40 0.00	49.32 3.00 0.00	45.98 3.12 0.00	48.78 3.67 0.00	27.30 2.21 -0.16	31.03 2.24 -5.12	25.39 1.90 -4.01
HOLTSVILLE_IC_5 23694	17.72 0.85 0.00	21.88 1.10 0.00	17.64 1.01 0.00	17.62 0.95 0.00	23.02 0.87 0.00	26.91 1.31 0.00	41.91 1.90 0.00	38.14 1.85 0.00	32.80 1.75 0.00	35.98 1.59 0.00	32.64 1.81 -0.23	31.12 1.42 -6.72	83.14 1.39 -57.42	29.91 1.82 -1.08	33.61 2.25 0.00	30.59 2.25 0.00	50.90 3.45 0.00	50.70 3.40 0.00	49.32 3.00 0.00	45.98 3.12 0.00	48.78 3.67 0.00	27.30 2.21 -0.16	31.03 2.24 -5.12	25.39 1.90 -4.01
HOLTSVILLE_IC_6 23695	17.78 0.91 0.00	21.95 1.17 0.00	17.70 1.07 0.00	17.68 1.01 0.00	23.10 0.94 0.00	27.00 1.41 0.00	42.07 2.06 0.00	38.32 2.02 0.00	32.94 1.89 0.00	36.09 1.70 0.00	32.73 1.90 -0.23	31.18 1.48 -6.72	83.21 1.45 -57.42	29.99 1.90 -1.08	33.74 2.38 0.00	30.74 2.39 0.00	51.18 3.73 0.00	50.98 3.69 0.00	49.60 3.27 0.00	46.24 3.39 0.00	49.05 3.94 0.00	27.45 2.35 -0.16	31.15 2.36 -5.12	25.48 1.99 -4.01
HOLTSVILLE_IC_7 23696	17.78 0.91 0.00	21.95 1.17 0.00	17.70 1.07 0.00	17.68 1.01 0.00	23.10 0.94 0.00	27.00 1.41 0.00	42.07 2.06 0.00	38.32 2.02 0.00	32.94 1.89 0.00	36.09 1.70 0.00	32.73 1.90 -0.23	31.18 1.48 -6.72	83.21 1.45 -57.42	29.99 1.90 -1.08	33.74 2.38 0.00	30.74 2.39 0.00	51.18 3.73 0.00	50.98 3.69 0.00	49.60 3.27 0.00	46.24 3.39 0.00	49.05 3.94 0.00	27.45 2.35 -0.16	31.15 2.36 -5.12	25.48 1.99 -4.01
HOLTSVILLE_IC_8 23697	17.78 0.91 0.00	21.95 1.17 0.00	17.70 1.07 0.00	17.68 1.01 0.00	23.10 0.94 0.00	27.00 1.41 0.00	42.07 2.06 0.00	38.32 2.02 0.00	32.94 1.89 0.00	36.09 1.70 0.00	32.73 1.90 -0.23	31.18 1.48 -6.72	83.21 1.45 -57.42	29.99 1.90 -1.08	33.74 2.38 0.00	30.74 2.39 0.00	51.18 3.73 0.00	50.98 3.69 0.00	49.60 3.27 0.00	46.24 3.39 0.00	49.05 3.94 0.00	27.45 2.35 -0.16	31.15 2.36 -5.12	25.48 1.99 -4.01
HOLTSVILLE_IC_9 23698	17.78 0.91 0.00	21.95 1.17 0.00	17.70 1.07 0.00	17.68 1.01 0.00	23.10 0.94 0.00	27.00 1.41 0.00	42.07 2.06 0.00	38.32 2.02 0.00	32.94 1.89 0.00	36.09 1.70 0.00	32.73 1.90 -0.23	31.18 1.48 -6.72	83.21 1.45 -57.42	29.99 1.90 -1.08	33.74 2.38 0.00	30.74 2.39 0.00	51.18 3.73 0.00	50.98 3.69 0.00	49.60 3.27 0.00	46.24 3.39 0.00	49.05 3.94 0.00	27.45 2.35 -0.16	31.15 2.36 -5.12	25.48 1.99 -4.01
HOMER_HL_115KV_TB2 355744	16.01 -0.86 0.00	19.83 -0.96 0.00	15.48 -1.06 0.09	15.58 -1.10 0.00	20.78 -1.37 0.00	24.21 -1.39 0.00	37.88 -2.11 0.02	33.51 -1.98 0.81	29.73 -1.30 0.03	33.12 -1.28 0.00	29.57 -1.03 0.00	22.34 -0.64 0.00	23.81 -0.53 0.00	26.40 -0.61 0.00	30.40 -0.96 0.00	27.24 -1.09 0.00	46.40 -1.05 0.00	45.60 -1.71 0.00	45.35 -0.98 0.00	41.65 -1.21 0.00	43.95 -1.16 0.00	24.03 -0.90 0.00	23.02 -0.66 0.00	18.85 -0.63 0.00
HOWARD_WT_PWR 323690	15.13 -1.74 0.00	18.78 -2.00 0.00	14.65 -1.81 0.17	14.89 -1.79 0.00	19.88 -2.28 0.00	23.24 -2.36 0.00	36.73 -3.60 -0.32	43.15 -3.85 -10.70	27.90 -3.29 -0.13	30.75 -3.64 0.00	27.33 -3.27 0.00	20.75 -2.23 0.00	22.20 -2.14 0.00	24.58 -2.43 0.00	28.31 -3.06 -0.01	25.43 -2.91 0.00	43.40 -4.04 0.00	42.51 -4.79 0.00	41.96 -4.37 0.00	38.32 -4.53 0.00	40.48 -4.64 0.00	22.21 -2.72 0.00	21.06 -2.61 0.00	17.30 -2.19 0.00

HQ_GEN_CEDARS 23644	18.04 1.17 0.00	22.19 1.40 0.00	17.70 1.07 0.00	17.79 1.12 0.00	23.72 1.57 0.00	27.59 2.00 0.00	43.18 3.17 0.00	38.98 2.69 0.00	33.16 2.11 0.00	36.80 2.41 0.00	32.43 1.82 0.00	24.32 1.34 0.00	25.56 1.22 0.00	28.48 1.47 0.00	32.99 1.63 0.00	29.75 1.41 0.00	49.50 2.05 0.00	49.30 2.00 0.00	48.04 1.72 0.00	44.31 1.46 0.00	46.38 1.27 0.00	25.68 0.75 0.00	24.34 0.67 0.00	19.90 0.41 0.00
HQ_GEN_CEDARS_PROXY 323590	18.04 1.17 0.00	22.19 1.40 0.00	17.66 1.07 0.05	17.79 1.12 0.00	23.72 1.57 0.00	27.59 2.00 0.00	43.18 3.17 0.00	38.98 2.69 0.00	33.16 2.11 0.00	36.80 2.41 0.00	32.43 1.82 0.00	24.32 1.34 0.00	25.56 1.22 0.00	28.48 1.47 0.00	32.98 1.62 0.00	29.75 1.41 0.00	49.50 2.05 0.00	49.30 2.00 0.00	48.04 1.71 0.00	44.31 1.46 0.00	46.38 1.27 0.00	25.28 0.75 0.40	24.34 0.67 0.00	19.90 0.41 0.00
HQ_GEN_IMPORT 323601	16.97 0.10 0.00	21.08 0.14 -0.15	16.76 0.12 0.00	16.82 0.15 0.00	22.36 0.21 0.00	25.81 0.14 -0.08	40.41 0.30 -0.10	36.91 0.26 -0.36	31.10 0.05 0.00	34.52 0.13 0.00	30.71 0.11 0.00	22.97 -0.01 0.00	24.33 0.00 0.00	32.85 -0.01 -5.85	31.32 -0.04 0.00	28.29 -0.05 0.00	47.29 -0.15 0.00	47.05 -0.25 0.00	46.06 -0.27 0.00	42.66 -0.20 0.00	45.13 -0.22 -0.24	24.84 -0.10 0.00	23.62 -0.05 0.00	19.40 -0.08 0.00
HQ_GEN_WHEEL 23651	16.97 0.10 0.00	21.08 0.14 -0.15	16.76 0.12 0.00	16.82 0.15 0.00	22.36 0.21 0.00	25.81 0.14 -0.08	40.41 0.30 -0.10	36.91 0.26 -0.36	31.10 0.05 0.00	34.52 0.13 0.00	30.71 0.11 0.00	22.97 -0.01 0.00	24.33 0.00 0.00	32.85 -0.01 -5.85	31.32 -0.04 0.00	28.29 -0.05 0.00	47.29 -0.15 0.00	47.05 -0.25 0.00	46.06 -0.27 0.00	42.66 -0.20 0.00	45.13 -0.22 -0.24	24.84 -0.10 0.00	23.62 -0.05 0.00	19.40 -0.08 0.00
HUDSON AVE_GT_3 23810	17.73 0.86 0.00	21.79 1.01 0.00	17.45 0.82 0.00	17.42 0.75 0.00	23.07 0.92 0.00	26.92 1.32 0.00	42.25 2.23 0.00	38.41 2.12 0.00	33.12 2.07 0.00	36.54 2.15 0.00	32.90 2.07 -0.23	31.39 1.66 -6.75	83.63 1.63 -57.66	29.95 1.85 -1.09	33.65 2.29 0.00	30.38 2.04 0.00	50.80 3.36 0.00	51.02 3.72 0.00	49.83 3.50 0.00	46.12 3.26 0.00	48.59 3.48 0.00	27.09 2.00 -0.16	30.55 1.75 -5.13	21.54 1.40 -0.65
HUDSON AVE_GT_4 23540	17.73 0.86 0.00	21.79 1.01 0.00	17.45 0.82 0.00	17.42 0.75 0.00	23.07 0.92 0.00	26.92 1.32 0.00	42.25 2.23 0.00	38.41 2.12 0.00	33.12 2.07 0.00	36.54 2.15 0.00	32.90 2.07 -0.23	31.39 1.66 -6.75	83.63 1.63 -57.66	29.95 1.85 -1.09	33.65 2.29 0.00	30.38 2.04 0.00	50.80 3.36 0.00	51.02 3.72 0.00	49.83 3.50 0.00	46.12 3.26 0.00	48.59 3.48 0.00	27.09 2.00 -0.16	30.55 1.75 -5.13	21.54 1.40 -0.65
HUDSON AVE_GT_5 23657	17.73 0.86 0.00	21.79 1.01 0.00	17.45 0.82 0.00	17.42 0.75 0.00	23.07 0.92 0.00	26.92 1.32 0.00	42.25 2.23 0.00	38.41 2.12 0.00	33.12 2.07 0.00	36.54 2.15 0.00	32.90 2.07 -0.23	31.39 1.66 -6.75	83.63 1.63 -57.66	29.95 1.85 -1.09	33.65 2.29 0.00	30.38 2.04 0.00	50.80 3.36 0.00	51.02 3.72 0.00	49.83 3.50 0.00	46.12 3.26 0.00	48.59 3.48 0.00	27.09 2.00 -0.16	30.55 1.75 -5.13	21.54 1.40 -0.65
HUDSON_AVE_10 24168	17.66 0.79 0.00	21.70 0.92 0.00	17.38 0.75 0.00	17.34 0.67 0.00	22.95 0.80 0.00	26.77 1.18 0.00	42.02 2.01 0.00	38.22 1.92 0.00	32.95 1.89 0.00	36.34 1.95 0.00	32.73 1.90 -0.23	31.26 1.53 -6.75	83.49 1.49 -57.66	29.80 1.70 -1.09	33.48 2.12 0.00	30.22 1.88 0.00	50.54 3.09 0.00	50.78 3.48 0.00	49.58 3.25 0.00	45.89 3.04 0.00	48.33 3.23 0.00	26.94 1.85 -0.16	30.41 1.61 -5.13	21.44 1.30 -0.65
HUDSON___115KV_TB 4 355613	17.65 0.78 0.00	21.74 0.96 0.00	17.43 0.79 0.00	17.47 0.79 0.00	23.27 1.12 0.00	27.00 1.40 0.00	42.21 2.20 0.00	38.41 2.11 0.00	32.90 1.85 0.00	36.41 2.01 0.00	32.26 1.61 -0.04	25.54 1.24 -1.32	37.10 1.31 -11.45	28.73 1.50 -0.22	33.22 1.85 0.00	30.08 1.74 0.00	50.34 2.89 0.00	50.39 3.10 0.00	49.34 3.01 0.00	45.57 2.72 0.00	47.96 2.86 0.00	26.52 1.54 -0.04	26.16 1.37 -1.12	20.64 1.01 -0.14
HUNTER MOUNT___DRP 323613	17.75 0.88 0.00	21.86 1.07 0.00	17.52 0.89 0.00	17.57 0.90 0.00	23.43 1.27 0.00	27.18 1.59 0.00	42.48 2.46 0.00	38.68 2.38 0.00	33.10 2.05 0.00	36.64 2.25 0.00	32.33 1.72 0.00	24.32 1.34 0.00	25.80 1.47 0.00	28.69 1.68 0.00	33.42 2.06 0.00	30.26 1.92 0.00	50.65 3.20 0.00	50.69 3.39 0.00	49.65 3.32 0.00	45.82 2.96 0.00	48.19 3.08 0.00	26.58 1.65 0.00	25.15 1.48 0.00	20.56 1.07 0.00
HUNTINGTON_RES_REC 323705	17.63 0.77 0.00	21.79 1.00 0.00	17.54 0.90 0.00	17.51 0.84 0.00	22.91 0.75 0.00	26.75 1.15 0.00	41.65 1.64 0.00	37.92 1.63 0.00	32.59 1.54 0.00	35.83 1.43 0.00	32.49 1.66 -0.23	31.04 1.34 -6.72	83.05 1.30 -57.42	29.80 1.71 -1.08	33.42 2.06 0.00	30.39 2.05 0.00	50.60 3.15 0.00	50.52 3.22 0.00	49.22 2.89 0.00	45.84 2.99 0.00	48.56 3.45 0.00	27.18 2.09 -0.16	30.87 2.09 -5.12	25.26 1.76 -4.01
HUNTLEY___63 23557	15.42 -1.45 0.00	19.18 -1.61 0.00	14.90 -1.68 0.06	15.02 -1.65 0.00	20.02 -2.14 0.00	23.36 -2.24 0.00	36.28 -3.64 0.09	29.73 -3.65 2.92	28.16 -2.86 0.03	31.26 -3.13 0.00	27.75 -2.86 0.00	21.08 -1.90 0.00	22.37 -1.97 0.00	24.84 -2.17 0.00	28.51 -2.85 0.00	25.89 -2.45 0.00	44.07 -3.38 0.00	43.37 -3.93 0.00	43.00 -3.33 0.00	39.35 -3.50 0.00	41.27 -3.84 0.00	22.59 -2.34 0.00	21.50 -2.17 0.00	17.55 -1.93 0.00
HUNTLEY___64 23558	15.42 -1.45 0.00	19.18 -1.61 0.00	14.90 -1.68 0.06	15.02 -1.65 0.00	20.02 -2.14 0.00	23.36 -2.24 0.00	36.28 -3.64 0.09	29.73 -3.65 2.92	28.16 -2.86 0.03	31.26 -3.13 0.00	27.75 -2.86 0.00	21.08 -1.90 0.00	22.37 -1.97 0.00	24.84 -2.17 0.00	28.51 -2.85 0.00	25.89 -2.45 0.00	44.07 -3.38 0.00	43.37 -3.93 0.00	43.00 -3.33 0.00	39.35 -3.50 0.00	41.27 -3.84 0.00	22.59 -2.34 0.00	21.50 -2.17 0.00	17.55 -1.93 0.00
HUNTLEY___65 23559	15.42 -1.45 0.00	19.18 -1.61 0.00	14.90 -1.68 0.06	15.02 -1.65 0.00	20.02 -2.14 0.00	23.36 -2.24 0.00	36.28 -3.64 0.09	29.73 -3.65 2.92	28.16 -2.86 0.03	31.26 -3.13 0.00	27.75 -2.86 0.00	21.08 -1.90 0.00	22.37 -1.97 0.00	24.84 -2.17 0.00	28.51 -2.85 0.00	25.89 -2.45 0.00	44.07 -3.38 0.00	43.37 -3.93 0.00	43.00 -3.33 0.00	39.35 -3.50 0.00	41.27 -3.84 0.00	22.59 -2.34 0.00	21.50 -2.17 0.00	17.55 -1.93 0.00
HUNTLEY___66 23560	15.42 -1.45 0.00	19.18 -1.61 0.00	14.90 -1.68 0.06	15.02 -1.65 0.00	20.02 -2.14 0.00	23.36 -2.24 0.00	36.28 -3.64 0.09	29.73 -3.65 2.92	28.16 -2.86 0.03	31.26 -3.13 0.00	27.75 -2.86 0.00	21.08 -1.90 0.00	22.37 -1.97 0.00	24.84 -2.17 0.00	28.51 -2.85 0.00	25.89 -2.45 0.00	44.07 -3.38 0.00	43.37 -3.93 0.00	43.00 -3.33 0.00	39.35 -3.50 0.00	41.27 -3.84 0.00	22.59 -2.34 0.00	21.50 -2.17 0.00	17.55 -1.93 0.00

HUNTLEY___67 23561	15.35 -1.52 0.00	19.07 -1.71 0.00	14.83 -1.74 0.06	14.95 -1.72 0.00	19.92 -2.24 0.00	23.23 -2.37 0.00	36.06 -3.84 0.10	29.03 -3.86 3.41	27.98 -3.04 0.03	31.07 -3.33 0.00	27.57 -3.03 0.00	20.92 -2.06 0.00	22.24 -2.10 0.00	24.69 -2.32 0.00	28.37 -2.99 0.00	25.72 -2.62 0.00	43.80 -3.64 0.00	43.10 -4.20 0.00	42.75 -3.58 0.00	39.14 -3.71 0.00	41.08 -4.03 0.00	22.48 -2.46 0.00	21.41 -2.26 0.00	17.49 -1.99 0.00
HUNTLEY___68 23562	15.35 -1.52 0.00	19.07 -1.71 0.00	14.83 -1.74 0.06	14.95 -1.72 0.00	19.92 -2.24 0.00	23.23 -2.37 0.00	36.06 -3.84 0.10	29.03 -3.86 3.41	27.98 -3.04 0.03	31.07 -3.33 0.00	27.57 -3.03 0.00	20.92 -2.06 0.00	22.24 -2.10 0.00	24.69 -2.32 0.00	28.37 -2.99 0.00	25.72 -2.62 0.00	43.80 -3.64 0.00	43.10 -4.20 0.00	42.75 -3.58 0.00	39.14 -3.71 0.00	41.08 -4.03 0.00	22.48 -2.46 0.00	21.41 -2.26 0.00	17.49 -1.99 0.00
HYLAND___LFG 323620	16.25 -0.62 0.00	20.12 -0.67 0.00	15.76 -0.78 0.10	15.91 -0.77 0.00	21.21 -0.95 0.00	24.80 -0.79 0.00	39.37 -1.00 -0.36	47.12 -1.12 -11.95	30.12 -1.05 -0.12	33.04 -1.35 0.00	28.90 -1.70 0.00	21.81 -1.17 0.00	23.54 -0.80 0.00	25.85 -1.16 0.00	29.64 -1.73 -0.01	26.78 -1.56 0.00	46.04 -1.41 0.00	46.40 -0.90 0.00	45.96 -0.36 0.00	42.13 -0.72 0.00	44.25 -0.86 0.00	24.16 -0.77 0.00	22.89 -0.78 0.00	18.71 -0.78 0.00
INDECK___CORINTH 23802	17.47 0.61 0.00	21.51 0.72 0.00	17.24 0.60 0.00	17.26 0.59 0.00	23.06 0.90 0.00	26.76 1.17 0.00	41.88 1.86 0.00	38.14 1.85 0.00	32.70 1.65 0.00	36.21 1.82 0.00	32.30 1.64 -0.06	25.99 1.19 -1.81	41.18 1.14 -15.71	28.50 1.20 -0.30	32.82 1.46 0.00	29.70 1.37 0.00	50.00 2.55 0.00	49.94 2.64 0.00	48.94 2.61 0.00	45.18 2.32 0.00	47.42 2.31 0.00	26.26 1.28 -0.05	26.43 1.21 -1.55	20.59 0.91 -0.20
INDECK___ILION 23567	16.93 0.07 0.00	20.84 0.05 0.00	16.70 0.06 0.00	16.73 0.06 0.00	22.28 0.12 0.00	25.82 0.23 0.00	40.36 0.34 0.00	36.63 0.34 0.00	31.47 0.42 0.00	34.75 0.36 0.00	30.89 0.29 0.00	23.26 0.28 0.00	24.64 0.31 0.00	27.37 0.35 0.00	31.82 0.46 0.00	28.74 0.40 0.00	48.09 0.64 0.00	47.99 0.69 0.00	47.04 0.71 0.00	43.44 0.59 0.00	45.85 0.74 0.00	25.34 0.41 0.00	24.02 0.35 0.00	19.74 0.25 0.00
INDECK___OLEAN 23982	16.01 -0.86 0.00	19.83 -0.96 0.00	15.47 -1.07 0.09	15.58 -1.10 0.00	20.78 -1.38 0.00	24.21 -1.39 0.00	37.88 -2.11 0.02	33.52 -1.96 0.81	29.72 -1.30 0.03	33.11 -1.28 0.00	29.58 -1.02 0.00	22.34 -0.64 0.00	23.81 -0.52 0.00	26.40 -0.61 0.00	30.39 -0.97 0.00	27.25 -1.09 0.00	46.40 -1.05 0.00	45.59 -1.71 0.00	45.35 -0.98 0.00	41.65 -1.20 0.00	43.96 -1.15 0.00	24.03 -0.90 0.00	23.01 -0.66 0.00	18.85 -0.63 0.00
INDECK___OSWEGO 23783	16.36 -0.52 0.00	20.14 -0.65 0.00	16.08 -0.55 0.00	16.13 -0.54 0.00	21.41 -0.75 0.00	24.76 -0.83 0.00	38.57 -1.44 0.00	34.91 -1.39 0.00	29.91 -1.14 0.00	33.13 -1.26 0.00	29.45 -1.15 0.00	22.17 -0.81 0.00	23.53 -0.81 0.00	26.11 -0.90 0.00	30.28 -1.08 0.00	27.37 -0.97 0.00	45.91 -1.54 0.00	45.72 -1.58 0.00	44.82 -1.51 0.00	41.38 -1.48 0.00	43.52 -1.59 0.00	24.03 -0.91 0.00	22.83 -0.83 0.00	18.89 -0.60 0.00
INDECK___YERKES 23781	15.43 -1.43 0.00	19.20 -1.59 0.00	14.90 -1.67 0.06	15.03 -1.64 0.00	20.03 -2.12 0.00	23.38 -2.22 0.00	36.32 -3.61 0.09	29.77 -3.60 2.92	28.19 -2.84 0.03	31.29 -3.10 0.00	27.79 -2.82 0.00	21.11 -1.87 0.00	22.40 -1.94 0.00	24.86 -2.15 0.00	28.55 -2.81 0.00	25.92 -2.42 0.00	44.12 -3.33 0.00	43.41 -3.89 0.00	43.05 -3.28 0.00	39.40 -3.45 0.00	41.31 -3.80 0.00	22.62 -2.32 0.00	21.53 -2.14 0.00	17.57 -1.92 0.00
INDIAN POINT_GT_1 24139	17.59 0.72 0.00	21.64 0.86 0.00	17.33 0.70 0.00	17.30 0.63 0.00	22.92 0.77 0.00	26.72 1.12 0.00	41.93 1.92 0.00	38.12 1.83 0.00	32.80 1.75 0.00	36.20 1.81 0.00	32.57 1.72 -0.24	31.52 1.37 -7.17	86.91 1.31 -61.26	29.65 1.48 -1.16	33.24 1.87 0.00	30.02 1.68 0.00	50.27 2.82 0.00	50.49 3.19 0.00	49.36 3.03 0.00	45.68 2.83 0.00	48.13 3.02 0.00	26.81 1.70 -0.18	30.83 1.47 -5.69	21.38 1.18 -0.72
INDIAN POINT_GT_2 23659	17.59 0.72 0.00	21.64 0.86 0.00	17.33 0.70 0.00	17.30 0.63 0.00	22.92 0.77 0.00	26.72 1.12 0.00	41.93 1.92 0.00	38.12 1.83 0.00	32.80 1.75 0.00	36.20 1.81 0.00	32.57 1.72 -0.24	31.52 1.37 -7.17	86.91 1.31 -61.26	29.65 1.48 -1.16	33.24 1.87 0.00	30.02 1.68 0.00	50.27 2.82 0.00	50.49 3.19 0.00	49.36 3.03 0.00	45.68 2.83 0.00	48.13 3.02 0.00	26.81 1.70 -0.18	30.83 1.47 -5.69	21.38 1.18 -0.72
INDIAN POINT_GT_3 24019	17.59 0.72 0.00	21.64 0.86 0.00	17.33 0.70 0.00	17.30 0.63 0.00	22.92 0.77 0.00	26.72 1.12 0.00	41.93 1.92 0.00	38.12 1.83 0.00	32.80 1.75 0.00	36.20 1.81 0.00	32.57 1.72 -0.24	31.52 1.37 -7.17	86.91 1.31 -61.26	29.65 1.48 -1.16	33.24 1.87 0.00	30.02 1.68 0.00	50.27 2.82 0.00	50.49 3.19 0.00	49.36 3.03 0.00	45.68 2.83 0.00	48.13 3.02 0.00	26.81 1.70 -0.18	30.83 1.47 -5.69	21.38 1.18 -0.72
INDIAN POINT___2 23530	17.57 0.71 0.00	21.64 0.85 0.00	17.32 0.68 0.00	17.28 0.61 0.00	22.90 0.75 0.00	26.69 1.10 0.00	41.91 1.90 0.00	38.09 1.80 0.00	32.77 1.71 0.00	36.16 1.77 0.00	32.59 1.68 -0.31	33.42 1.34 -9.10	103.36 1.28 -77.75	29.91 1.43 -1.47	33.19 1.83 0.00	29.98 1.64 0.00	50.21 2.76 0.00	50.42 3.13 0.00	49.30 2.97 0.00	45.64 2.79 0.00	48.07 2.97 0.00	26.71 1.67 -0.11	28.68 1.44 -3.57	21.09 1.16 -0.45
INDIAN POINT___3 23531	17.57 0.70 0.00	21.62 0.84 0.00	17.31 0.68 0.00	17.28 0.61 0.00	22.91 0.75 0.00	26.70 1.10 0.00	41.89 1.88 0.00	38.09 1.80 0.00	32.77 1.71 0.00	36.17 1.77 0.00	32.54 1.68 -0.25	31.70 1.34 -7.38	88.68 1.29 -63.05	29.64 1.44 -1.19	33.19 1.83 0.00	29.98 1.64 0.00	50.21 2.76 0.00	50.42 3.12 0.00	49.29 2.96 0.00	45.63 2.78 0.00	48.07 2.96 0.00	26.82 1.66 -0.23	32.44 1.44 -7.33	21.57 1.16 -0.93
INGHAM_C_115KV_TB7 356103	16.93 0.06 0.00	20.80 0.02 0.00	16.69 0.06 0.00	16.74 0.07 0.00	22.33 0.18 0.00	25.96 0.37 0.00	40.60 0.58 0.00	36.91 0.61 0.00	31.81 0.76 0.00	35.03 0.63 0.00	31.08 0.48 0.00	23.46 0.48 0.00	24.86 0.53 0.00	27.64 0.63 0.00	32.20 0.84 0.00	29.04 0.71 0.00	48.57 1.12 0.00	48.48 1.19 0.00	47.56 1.23 0.00	43.86 1.00 0.00	46.47 1.36 0.00	25.71 0.78 0.00	24.32 0.65 0.00	19.94 0.45 0.00
IP CORINTH___1 23988	17.56 0.69 0.00	21.62 0.83 0.00	17.32 0.68 0.00	17.35 0.67 0.00	23.17 1.02 0.00	26.89 1.30 0.00	42.10 2.09 0.00	38.35 2.05 0.00	32.87 1.82 0.00	36.40 2.01 0.00	32.46 1.80 -0.06	26.10 1.31 -1.81	41.31 1.27 -15.71	28.65 1.35 -0.30	33.00 1.64 0.00	29.87 1.53 0.00	50.26 2.81 0.00	50.21 2.91 0.00	49.19 2.86 0.00	45.42 2.57 0.00	47.67 2.57 0.00	26.40 1.41 -0.05	26.55 1.33 -1.55	20.69 1.01 -0.20

IP___TICONDEROGA 23804	18.26 1.39 0.00	22.52 1.74 0.00	18.05 1.41 0.00	18.07 1.40 0.00	24.36 2.20 0.00	28.37 2.78 0.00	44.49 4.48 0.00	40.66 4.36 0.00	34.66 3.61 0.00	38.49 4.10 0.00	34.37 3.71 -0.06	27.43 2.63 -1.82	42.68 2.56 -15.77	30.03 2.73 -0.30	34.57 3.21 0.00	31.62 3.28 0.00	54.11 6.66 0.00	53.30 6.01 0.00	52.21 5.88 0.00	48.12 5.27 0.00	50.35 5.24 0.00	27.91 2.93 -0.05	28.02 2.79 -1.55	21.80 2.12 -0.20
ISLIP_RES_REC 323679	17.83 0.96 0.00	22.01 1.23 0.00	17.75 1.12 0.00	17.73 1.06 0.00	23.16 1.01 0.00	27.09 1.50 0.00	42.23 2.22 0.00	38.47 2.17 0.00	33.07 2.02 0.00	36.22 1.83 0.00	32.86 2.03 -0.23	31.28 1.57 -6.72	83.30 1.55 -57.42	30.10 2.01 -1.08	33.87 2.51 0.00	30.86 2.52 0.00	51.41 3.96 0.00	51.23 3.93 0.00	49.83 3.50 0.00	46.43 3.57 0.00	49.26 4.15 0.00	27.55 2.46 -0.16	31.23 2.45 -5.12	25.54 2.05 -4.01
JAMAICA__27_KV_LOAD 355505	17.70 0.83 0.00	21.75 0.96 0.00	17.40 0.76 0.00	17.38 0.71 0.00	23.00 0.84 0.00	26.82 1.23 0.00	42.11 2.09 0.00	38.27 1.98 0.00	33.00 1.95 0.00	36.37 1.98 0.00	32.79 1.96 -0.23	31.33 1.60 -6.75	83.53 1.53 -57.66	29.85 1.75 -1.09	33.55 2.19 0.00	30.26 1.92 0.00	50.68 3.23 0.00	50.95 3.65 0.00	49.73 3.40 0.00	46.04 3.19 0.00	48.50 3.39 0.00	27.01 1.91 -0.16	30.46 1.66 -5.13	21.49 1.36 -0.65
JANIS___SOLAR 323808	17.04 0.17 0.00	20.93 0.14 0.00	16.86 0.06 -0.17	16.78 0.11 0.00	22.39 0.23 0.00	25.93 0.34 0.00	40.75 0.72 -0.02	37.61 0.58 -0.74	31.50 0.45 0.00	34.68 0.29 0.00	30.44 -0.16 0.00	22.97 -0.01 0.00	24.61 0.27 0.00	27.45 0.44 0.00	31.93 0.57 0.00	28.80 0.46 0.00	48.51 1.06 0.00	48.38 1.08 0.00	47.56 1.24 0.00	43.73 0.88 0.00	45.94 0.83 0.00	25.22 0.29 0.00	23.90 0.23 0.00	19.63 0.14 0.00
JARVIS____ 23743	16.89 0.02 0.00	20.81 0.02 0.00	16.65 0.02 0.00	16.69 0.02 0.00	22.17 0.01 0.00	25.65 0.05 0.00	40.05 0.04 0.00	36.33 0.04 0.00	31.12 0.07 0.00	34.47 0.07 0.00	30.67 0.06 0.00	23.04 0.06 0.00	24.41 0.07 0.00	27.09 0.08 0.00	31.47 0.10 0.00	28.43 0.09 0.00	47.59 0.14 0.00	47.47 0.17 0.00	46.49 0.16 0.00	42.98 0.13 0.00	45.27 0.16 0.00	25.02 0.08 0.00	23.75 0.08 0.00	19.55 0.06 0.00
JENNISON___1 23625	16.97 0.10 0.00	20.78 -0.01 0.00	16.64 -0.03 -0.03	16.70 0.03 0.00	22.37 0.22 0.00	25.88 0.28 0.00	40.47 0.46 0.00	36.69 0.40 0.00	31.50 0.44 0.00	34.82 0.43 0.00	30.74 0.19 0.05	21.58 0.10 1.51	11.76 0.42 12.99	27.15 0.39 0.24	31.87 0.50 0.00	28.73 0.39 0.00	48.24 0.79 0.00	48.20 0.90 0.00	47.24 0.91 0.00	43.40 0.55 0.00	45.67 0.56 0.00	25.08 0.18 0.04	22.53 0.13 1.27	19.36 0.03 0.16
JENNISON___2 23626	16.97 0.10 0.00	20.78 -0.01 0.00	16.64 -0.03 -0.03	16.70 0.03 0.00	22.37 0.22 0.00	25.88 0.28 0.00	40.47 0.46 0.00	36.69 0.40 0.00	31.50 0.44 0.00	34.82 0.43 0.00	30.74 0.19 0.05	21.58 0.10 1.51	11.76 0.42 12.99	27.15 0.39 0.24	31.87 0.50 0.00	28.73 0.39 0.00	48.24 0.79 0.00	48.20 0.90 0.00	47.24 0.91 0.00	43.40 0.55 0.00	45.67 0.56 0.00	25.08 0.18 0.04	22.53 0.13 1.27	19.36 0.03 0.16
JERICHO_RISE_WT_PWR 323719	17.21 0.34 0.00	21.19 0.40 0.00	17.00 0.37 0.00	17.10 0.43 0.00	22.81 0.65 0.00	26.29 0.70 0.00	41.15 1.13 0.00	37.30 1.01 0.00	31.63 0.58 0.00	35.27 0.87 0.00	31.38 0.77 0.00	23.44 0.46 0.00	24.70 0.36 0.00	27.38 0.37 0.00	31.73 0.36 0.00	28.47 0.13 0.00	47.21 -0.24 0.00	46.54 -0.76 0.00	45.36 -0.97 0.00	41.98 -0.87 0.00	44.14 -0.97 0.00	24.69 -0.24 0.00	23.56 -0.11 0.00	19.23 -0.26 0.00
KATONAH___115KV_46KV_TB4 355592	17.68 0.81 0.00	21.75 0.96 0.00	17.42 0.79 0.00	17.40 0.72 0.00	23.07 0.91 0.00	26.90 1.30 0.00	42.24 2.23 0.00	38.99 2.70 0.00	33.57 2.52 0.00	36.73 2.33 0.00	32.72 1.96 -0.16	29.24 1.54 -4.73	66.02 1.50 -40.18	29.45 1.69 -0.76	33.46 2.10 0.00	30.24 1.90 0.00	50.65 3.20 0.00	50.86 3.55 0.00	49.74 3.41 0.00	46.01 3.16 0.00	48.46 3.35 0.00	26.93 1.87 -0.12	29.28 1.63 -3.99	21.28 1.29 -0.51
KCE_NY_1 323755	17.67 0.80 0.00	21.75 0.96 0.00	17.42 0.79 0.00	17.45 0.78 0.00	23.26 1.10 0.00	26.97 1.37 0.00	42.18 2.17 0.00	38.35 2.06 0.00	32.92 1.86 0.00	36.45 2.05 0.00	32.47 1.81 -0.06	26.17 1.36 -1.83	41.59 1.38 -15.87	28.82 1.51 -0.30	33.18 1.82 0.00	30.00 1.66 0.00	50.31 2.86 0.00	50.30 3.00 0.00	49.27 2.94 0.00	45.54 2.68 0.00	47.89 2.78 0.00	26.52 1.53 -0.05	26.63 1.39 -1.56	20.77 1.08 -0.20
KCE_NY_6_ESR 323823	15.56 -1.31 0.00	19.31 -1.47 0.00	15.01 -1.55 0.07	15.15 -1.53 0.00	20.18 -1.98 0.00	23.55 -2.04 0.00	36.62 -3.28 0.11	29.46 -3.29 3.54	28.46 -2.56 0.03	31.60 -2.79 0.00	28.06 -2.54 0.00	21.29 -1.70 0.00	22.64 -1.70 0.00	25.12 -1.89 0.00	28.89 -2.47 0.00	26.15 -2.19 0.00	44.54 -2.91 0.00	43.80 -3.50 0.00	43.45 -2.88 0.00	39.79 -3.07 0.00	41.80 -3.31 0.00	22.85 -2.09 0.00	21.78 -1.90 0.00	17.78 -1.70 0.00
KEDC_PORT_JEFF_GT2 24210	17.77 0.91 0.00	21.94 1.16 0.00	17.69 1.06 0.00	17.67 1.00 0.00	23.09 0.93 0.00	26.99 1.39 0.00	42.05 2.03 0.00	38.28 1.99 0.00	32.90 1.85 0.00	36.07 1.67 0.00	32.71 1.88 -0.23	31.17 1.47 -6.72	83.19 1.44 -57.42	29.98 1.88 -1.08	33.72 2.36 0.00	30.70 2.37 0.00	51.12 3.68 0.00	50.95 3.66 0.00	49.58 3.25 0.00	46.21 3.36 0.00	49.03 3.92 0.00	27.43 2.33 -0.16	31.13 2.34 -5.12	25.47 1.97 -4.01
KEDC_PORT_JEFF_GT3 24211	17.77 0.91 0.00	21.94 1.16 0.00	17.69 1.06 0.00	17.67 1.00 0.00	23.09 0.93 0.00	26.99 1.39 0.00	42.05 2.03 0.00	38.28 1.99 0.00	32.90 1.85 0.00	36.07 1.67 0.00	32.71 1.88 -0.23	31.17 1.47 -6.72	83.19 1.44 -57.42	29.98 1.88 -1.08	33.72 2.36 0.00	30.70 2.37 0.00	51.12 3.68 0.00	50.95 3.66 0.00	49.58 3.25 0.00	46.21 3.36 0.00	49.03 3.92 0.00	27.43 2.33 -0.16	31.13 2.34 -5.12	25.47 1.97 -4.01
KEDC_GLWD_GT4 24219	17.72 0.85 0.00	21.84 1.06 0.00	17.51 0.88 0.00	17.48 0.81 0.00	23.08 0.93 0.00	26.93 1.33 0.00	42.12 2.12 0.00	38.34 2.05 0.00	33.02 1.97 0.00	36.43 2.04 0.00	32.90 2.07 -0.23	31.34 1.64 -6.72	83.36 1.61 -57.42	30.00 1.90 -1.08	33.68 2.31 0.00	30.47 2.13 0.00	50.89 3.44 0.00	50.94 3.64 0.00	49.74 3.41 0.00	46.14 3.28 0.00	48.69 3.58 0.00	27.16 2.07 -0.16	30.70 1.92 -5.12	25.06 1.56 -4.01
KEDC_GLWD_GT5 24220	17.72 0.85 0.00	21.84 1.06 0.00	17.51 0.88 0.00	17.48 0.81 0.00	23.08 0.93 0.00	26.93 1.33 0.00	42.12 2.12 0.00	38.34 2.05 0.00	33.02 1.97 0.00	36.43 2.04 0.00	32.90 2.07 -0.23	31.34 1.64 -6.72	83.36 1.61 -57.42	30.00 1.90 -1.08	33.68 2.31 0.00	30.47 2.13 0.00	50.89 3.44 0.00	50.94 3.64 0.00	49.74 3.41 0.00	46.14 3.28 0.00	48.69 3.58 0.00	27.16 2.07 -0.16	30.70 1.92 -5.12	25.06 1.56 -4.01

KENSICO____ 23655	17.62 0.75 0.00	21.68 0.89 0.00	17.36 0.73 0.00	17.33 0.66 0.00	22.96 0.80 0.00	26.77 1.17 0.00	42.00 1.99 0.00	38.19 1.90 0.00	32.88 1.83 0.00	36.29 1.90 0.00	32.65 1.81 -0.23	31.40 1.44 -6.98	85.37 1.40 -59.63	29.71 1.57 -1.13	33.34 1.97 0.00	30.12 1.78 0.00	50.40 2.96 0.00	50.60 3.30 0.00	49.46 3.13 0.00	45.78 2.93 0.00	48.22 3.11 0.00	26.87 1.76 -0.17	30.71 1.54 -5.50	21.42 1.23 -0.70
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.73 0.86 0.00	21.81 1.02 0.00	17.47 0.83 0.00	17.44 0.77 0.00	23.13 0.98 0.00	26.95 1.35 0.00	42.40 2.38 0.00	38.55 2.26 0.00	33.11 2.05 0.00	36.51 2.12 0.00	32.31 1.88 0.18	19.09 1.39 5.28	-20.04 1.29 45.67	27.66 1.51 0.86	33.37 2.01 0.00	30.21 1.88 0.00	50.73 3.28 0.00	50.97 3.67 0.00	49.87 3.54 0.00	46.12 3.26 0.00	48.53 3.42 0.00	26.66 1.87 0.14	20.79 1.63 4.51	20.20 1.28 0.57
KIAC_JFK_GT1 23816	17.61 0.74 0.00	21.64 0.85 0.00	17.32 0.68 0.00	17.30 0.62 0.00	22.86 0.71 0.00	26.58 0.98 0.00	41.71 1.70 0.00	37.91 1.62 0.00	32.69 1.64 0.00	36.04 1.65 0.00	32.59 1.76 -0.23	31.20 1.47 -6.75	83.39 1.39 -57.66	29.71 1.61 -1.09	33.34 1.98 0.00	29.99 1.65 0.00	50.18 2.73 0.00	50.45 3.15 0.00	49.25 2.92 0.00	45.59 2.74 0.00	48.02 2.92 0.00	26.76 1.66 -0.16	30.23 1.43 -5.13	21.37 1.24 -0.65
KIAC_JFK_GT2 23817	17.61 0.74 0.00	21.64 0.85 0.00	17.32 0.68 0.00	17.30 0.62 0.00	22.86 0.71 0.00	26.58 0.98 0.00	41.71 1.70 0.00	37.91 1.62 0.00	32.69 1.64 0.00	36.04 1.65 0.00	32.59 1.76 -0.23	31.20 1.47 -6.75	83.39 1.39 -57.66	29.71 1.61 -1.09	33.34 1.98 0.00	29.99 1.65 0.00	50.18 2.73 0.00	50.45 3.15 0.00	49.25 2.92 0.00	45.59 2.74 0.00	48.02 2.92 0.00	26.76 1.66 -0.16	30.23 1.43 -5.13	21.37 1.24 -0.65
KIAC_JFK____ 323774	17.61 0.74 0.00	21.64 0.85 0.00	17.32 0.68 0.00	17.30 0.62 0.00	22.86 0.71 0.00	26.57 0.98 0.00	41.71 1.70 0.00	37.91 1.62 0.00	32.69 1.64 0.00	36.04 1.65 0.00	32.59 1.76 -0.23	31.20 1.47 -6.75	83.39 1.39 -57.66	29.71 1.61 -1.09	33.34 1.98 0.00	29.99 1.65 0.00	50.18 2.74 0.00	50.45 3.15 0.00	49.25 2.92 0.00	45.59 2.74 0.00	48.02 2.92 0.00	26.76 1.66 -0.16	30.23 1.43 -5.13	21.37 1.23 -0.65
KINTIGH____ 23543	15.45 -1.42 0.00	19.18 -1.61 0.00	14.98 -1.61 0.05	15.08 -1.59 0.00	20.10 -2.06 0.00	23.41 -2.19 0.00	36.40 -3.56 0.05	31.00 -3.59 1.71	28.23 -2.81 0.02	31.33 -3.06 0.00	27.79 -2.82 0.00	21.06 -1.92 0.00	22.37 -1.97 0.00	24.81 -2.20 0.00	28.55 -2.81 0.00	25.89 -2.46 0.00	43.95 -3.50 0.00	43.37 -3.93 0.00	42.91 -3.42 0.00	39.37 -3.48 0.00	41.28 -3.82 0.00	22.64 -2.30 0.00	21.55 -2.11 0.00	17.65 -1.84 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	17.39 0.52 0.00	21.38 0.59 0.00	17.22 0.58 0.00	17.30 0.63 0.00	23.14 0.98 0.00	26.74 1.14 0.00	41.84 1.83 0.00	38.02 1.73 0.00	32.20 1.15 0.00	35.91 1.52 0.00	32.05 1.45 0.00	24.00 1.03 0.00	25.14 0.81 0.00	27.86 0.85 0.00	32.33 0.97 0.00	28.91 0.57 0.00	47.92 0.47 0.00	46.83 -0.47 0.00	45.58 -0.75 0.00	42.17 -0.68 0.00	44.16 -0.95 0.00	24.78 -0.15 0.00	23.77 0.10 0.00	19.40 -0.09 0.00
LACHUTE____HYDRO 323717	18.26 1.39 0.00	22.52 1.74 0.00	18.05 1.41 0.00	18.07 1.40 0.00	24.36 2.20 0.00	28.38 2.78 0.00	44.49 4.48 0.00	40.65 4.36 0.00	34.66 3.61 0.00	38.49 4.10 0.00	34.37 3.71 -0.06	27.43 2.63 -1.82	42.68 2.56 -15.77	30.04 2.73 -0.30	34.57 3.21 0.00	31.62 3.28 0.00	54.11 6.66 0.00	53.30 6.01 0.00	52.21 5.88 0.00	48.12 5.27 0.00	50.35 5.24 0.00	27.91 2.93 -0.05	28.02 2.79 -1.55	21.80 2.12 -0.20
LAWRNCV_115KV_TB1 80681	18.04 1.17 0.00	22.19 1.40 0.00	17.70 1.07 0.00	17.79 1.12 0.00	23.72 1.57 0.00	27.59 2.00 0.00	43.18 3.17 0.00	38.98 2.69 0.00	33.16 2.11 0.00	36.80 2.41 0.00	32.43 1.82 0.00	24.32 1.34 0.00	25.56 1.22 0.00	28.48 1.47 0.00	32.99 1.63 0.00	29.75 1.41 0.00	49.50 2.05 0.00	49.30 2.00 0.00	48.04 1.72 0.00	44.31 1.46 0.00	46.38 1.27 0.00	25.68 0.75 0.00	24.34 0.67 0.00	19.90 0.41 0.00
LEDERLE____ 23769	17.64 0.77 0.00	21.72 0.94 0.00	17.38 0.75 0.00	17.34 0.67 0.00	22.98 0.82 0.00	26.80 1.21 0.00	42.10 2.09 0.00	38.28 1.98 0.00	32.91 1.86 0.00	36.32 1.93 0.00	31.75 1.81 0.66	4.74 1.44 19.68	-143.49 1.38 169.20	25.36 1.54 3.19	33.32 1.96 0.00	30.10 1.76 0.00	50.45 3.00 0.00	50.68 3.38 0.00	49.55 3.22 0.00	45.87 3.02 0.00	48.30 3.19 0.00	25.97 1.77 0.73	1.76 1.53 23.44	17.73 1.21 2.97
LIGHTHSE_115KV_TB6 355974	16.66 -0.21 0.00	20.50 -0.28 0.00	16.34 -0.29 0.00	16.39 -0.28 0.00	21.77 -0.39 0.00	25.23 -0.37 0.00	39.21 -0.80 0.00	35.37 -0.92 0.00	30.24 -0.81 0.00	33.59 -0.81 0.00	29.80 -0.80 0.00	22.48 -0.50 0.00	23.84 -0.50 0.00	26.49 -0.52 0.00	30.70 -0.66 0.00	27.73 -0.61 0.00	46.44 -1.01 0.00	46.24 -1.06 0.00	45.24 -1.09 0.00	41.71 -1.14 0.00	43.79 -1.31 0.00	24.18 -0.76 0.00	22.98 -0.70 0.00	18.98 -0.51 0.00
LINDEN COGEN____ 23786	17.66 0.79 0.00	21.72 0.93 0.00	17.38 0.75 0.00	17.34 0.67 0.00	22.97 0.81 0.00	26.81 1.22 0.00	42.07 2.06 0.00	38.22 1.93 0.00	32.94 1.89 0.00	36.32 1.93 0.00	32.68 1.85 -0.23	31.24 1.51 -6.75	83.48 1.48 -57.66	29.79 1.69 -1.09	33.49 2.13 0.00	30.23 1.89 0.00	50.55 3.11 0.00	50.79 3.49 0.00	49.60 3.27 0.00	45.91 3.06 0.00	48.37 3.26 0.00	26.98 1.88 -0.16	30.44 1.64 -5.13	21.46 1.32 -0.65
LINDHRST_69_KV_BK1 356055	17.86 0.99 0.00	22.05 1.26 0.00	17.73 1.10 0.00	17.69 1.02 0.00	23.20 1.05 0.00	27.13 1.53 0.00	42.30 2.29 0.00	38.53 2.24 0.00	33.13 2.08 0.00	36.46 2.06 0.00	33.09 2.26 -0.23	31.46 1.75 -6.72	83.48 1.73 -57.42	30.24 2.14 -1.08	33.90 2.54 0.00	30.80 2.46 0.00	51.24 3.79 0.00	51.11 3.82 0.00	49.83 3.50 0.00	46.40 3.54 0.00	49.20 4.09 0.00	27.51 2.41 -0.16	31.15 2.36 -5.12	25.45 1.95 -4.01
LIPA_MISC_IPP 23656	17.70 0.83 0.00	21.85 1.06 0.00	17.67 1.03 0.00	17.65 0.98 0.00	22.99 0.84 0.00	26.90 1.30 0.00	41.91 1.90 0.00	38.15 1.85 0.00	32.79 1.73 0.00	35.79 1.40 0.00	32.43 1.60 -0.23	30.91 1.21 -6.72	82.96 1.21 -57.42	29.74 1.64 -1.08	33.57 2.21 0.00	30.64 2.30 0.00	51.02 3.57 0.00	50.73 3.43 0.00	49.31 2.99 0.00	46.03 3.18 0.00	48.94 3.83 0.00	27.37 2.28 -0.16	31.09 2.31 -5.12	25.45 1.96 -4.01
LISF__SOLAR 323691	17.73 0.86 0.00	21.88 1.10 0.00	17.70 1.06 0.00	17.68 1.01 0.00	23.03 0.87 0.00	26.93 1.34 0.00	41.98 1.97 0.00	38.20 1.91 0.00	32.84 1.78 0.00	35.82 1.43 0.00	32.45 1.62 -0.23	30.94 1.23 -6.72	82.97 1.21 -57.42	29.76 1.67 -1.08	33.61 2.25 0.00	30.69 2.35 0.00	51.11 3.66 0.00	50.83 3.53 0.00	49.41 3.09 0.00	46.12 3.27 0.00	49.03 3.92 0.00	27.42 2.33 -0.16	31.14 2.35 -5.12	25.49 1.99 -4.01

LITTLE FALLS___HYD 24013	16.93 0.06 0.00	20.80 0.02 0.00	16.69 0.06 0.00	16.74 0.07 0.00	22.33 0.18 0.00	25.96 0.37 0.00	40.60 0.58 0.00	36.91 0.61 0.00	31.81 0.76 0.00	35.03 0.63 0.00	31.08 0.48 0.00	23.46 0.48 0.00	24.86 0.53 0.00	27.64 0.63 0.00	32.20 0.84 0.00	29.04 0.71 0.00	48.57 1.12 0.00	48.48 1.19 0.00	47.56 1.23 0.00	43.86 1.00 0.00	46.47 1.36 0.00	25.71 0.78 0.00	24.32 0.65 0.00	19.94 0.45 0.00
LITTLRIV_115KV_TB1 356100	18.37 1.50 0.00	22.61 1.83 0.00	18.02 1.39 0.00	18.12 1.45 0.00	24.18 2.02 0.00	28.14 2.55 0.00	44.18 4.16 0.00	39.91 3.62 0.00	33.91 2.86 0.00	37.59 3.19 0.00	33.05 2.45 0.00	24.78 1.80 0.00	26.07 1.73 0.00	29.08 2.07 0.00	33.71 2.35 0.00	30.42 2.09 0.00	50.59 3.14 0.00	50.52 3.22 0.00	49.25 2.92 0.00	45.40 2.55 0.00	47.47 2.36 0.00	26.24 1.31 0.00	24.84 1.17 0.00	20.28 0.79 0.00
LI_NEWBRDGE___DRP 323616	17.60 0.73 0.00	21.71 0.92 0.00	17.44 0.80 0.00	17.41 0.73 0.00	22.89 0.73 0.00	26.72 1.12 0.00	41.68 1.67 0.00	37.94 1.65 0.00	32.64 1.59 0.00	36.01 1.61 0.00	32.63 1.80 -0.23	31.14 1.44 -6.72	83.16 1.41 -57.42	29.84 1.75 -1.08	33.45 2.08 0.00	30.32 1.98 0.00	50.51 3.06 0.00	50.44 3.14 0.00	49.22 2.89 0.00	45.76 2.90 0.00	48.40 3.30 0.00	27.06 1.96 -0.16	30.69 1.90 -5.12	25.08 1.58 -4.01
LOCKPORT_115KV_TB60_63_64 80432	15.34 -1.53 0.00	19.07 -1.71 0.00	14.83 -1.75 0.06	14.94 -1.73 0.00	19.91 -2.25 0.00	23.17 -2.42 0.00	35.98 -3.96 0.08	29.88 -3.90 2.52	27.92 -3.11 0.02	30.96 -3.44 0.00	27.48 -3.12 0.00	20.87 -2.11 0.00	22.17 -2.17 0.00	24.59 -2.42 0.00	28.21 -3.15 0.00	25.63 -2.71 0.00	43.64 -3.81 0.00	42.98 -4.32 0.00	42.59 -3.74 0.00	38.99 -3.86 0.00	40.86 -4.26 0.00	22.37 -2.57 0.00	21.29 -2.39 0.00	17.38 -2.10 0.00
LOCKPORT___CC1 323769	15.32 -1.55 0.00	19.05 -1.73 0.00	14.80 -1.78 0.06	14.92 -1.75 0.00	19.89 -2.27 0.00	23.16 -2.44 0.00	35.94 -3.99 0.08	29.64 -3.93 2.72	27.88 -3.15 0.03	30.93 -3.47 0.00	27.45 -3.15 0.00	20.85 -2.12 0.00	22.15 -2.18 0.00	24.56 -2.45 0.00	28.19 -3.17 0.00	25.60 -2.73 0.00	43.60 -3.85 0.00	42.93 -4.37 0.00	42.54 -3.78 0.00	38.95 -3.90 0.00	40.82 -4.29 0.00	22.34 -2.59 0.00	21.28 -2.40 0.00	17.37 -2.11 0.00
LOCKPORT___CC2 323770	15.32 -1.55 0.00	19.05 -1.73 0.00	14.80 -1.78 0.06	14.92 -1.75 0.00	19.89 -2.27 0.00	23.16 -2.44 0.00	35.94 -3.99 0.08	29.64 -3.93 2.72	27.88 -3.15 0.03	30.93 -3.47 0.00	27.45 -3.15 0.00	20.85 -2.12 0.00	22.15 -2.18 0.00	24.56 -2.45 0.00	28.19 -3.17 0.00	25.60 -2.73 0.00	43.60 -3.85 0.00	42.93 -4.37 0.00	42.54 -3.78 0.00	38.95 -3.90 0.00	40.82 -4.29 0.00	22.34 -2.59 0.00	21.28 -2.40 0.00	17.37 -2.11 0.00
LOCKPORT___CC3 323771	15.32 -1.55 0.00	19.05 -1.73 0.00	14.80 -1.78 0.06	14.92 -1.75 0.00	19.89 -2.27 0.00	23.16 -2.44 0.00	35.94 -3.99 0.08	29.64 -3.93 2.72	27.88 -3.15 0.03	30.93 -3.47 0.00	27.45 -3.15 0.00	20.85 -2.12 0.00	22.15 -2.18 0.00	24.56 -2.45 0.00	28.19 -3.17 0.00	25.60 -2.73 0.00	43.60 -3.85 0.00	42.93 -4.37 0.00	42.54 -3.78 0.00	38.95 -3.90 0.00	40.82 -4.29 0.00	22.34 -2.59 0.00	21.28 -2.40 0.00	17.37 -2.11 0.00
LONG_LAKE_PHOENIX 24014	16.39 -0.48 0.00	20.19 -0.60 0.00	16.12 -0.51 0.00	16.16 -0.51 0.00	21.47 -0.69 0.00	24.84 -0.76 0.00	38.74 -1.28 0.00	35.09 -1.20 0.00	30.09 -0.96 0.00	33.32 -1.08 0.00	29.62 -0.99 0.00	22.29 -0.69 0.00	23.67 -0.67 0.00	26.26 -0.75 0.00	30.47 -0.89 0.00	27.53 -0.81 0.00	46.20 -1.25 0.00	46.02 -1.28 0.00	45.15 -1.18 0.00	41.67 -1.19 0.00	43.80 -1.31 0.00	24.17 -0.77 0.00	22.96 -0.71 0.00	18.97 -0.52 0.00
LOVETT___3 23632	17.56 0.69 0.00	21.61 0.83 0.00	17.30 0.66 0.00	17.27 0.59 0.00	22.88 0.73 0.00	26.67 1.08 0.00	41.87 1.86 0.00	38.06 1.76 0.00	32.74 1.68 0.00	36.12 1.73 0.00	31.57 1.63 0.67	4.21 1.31 20.07	-147.01 1.25 172.59	25.15 1.40 3.26	33.15 1.79 0.00	29.94 1.60 0.00	50.13 2.69 0.00	50.36 3.06 0.00	49.23 2.90 0.00	45.59 2.74 0.00	48.02 2.91 0.00	25.63 1.63 0.94	-4.84 1.41 29.93	16.82 1.13 3.79
LOVETT___4 23642	17.56 0.69 0.00	21.61 0.83 0.00	17.30 0.66 0.00	17.27 0.59 0.00	22.88 0.73 0.00	26.67 1.08 0.00	41.87 1.86 0.00	38.06 1.76 0.00	32.74 1.68 0.00	36.12 1.73 0.00	31.57 1.63 0.67	4.21 1.31 20.07	-147.01 1.25 172.59	25.15 1.40 3.26	33.15 1.79 0.00	29.94 1.60 0.00	50.13 2.69 0.00	50.36 3.06 0.00	49.23 2.90 0.00	45.59 2.74 0.00	48.02 2.91 0.00	25.63 1.63 0.94	-4.84 1.41 29.93	16.82 1.13 3.79
LOVETT___5 23593	17.56 0.69 0.00	21.61 0.83 0.00	17.30 0.66 0.00	17.27 0.59 0.00	22.88 0.73 0.00	26.67 1.08 0.00	41.87 1.86 0.00	38.06 1.76 0.00	32.74 1.68 0.00	36.12 1.73 0.00	31.57 1.63 0.67	4.21 1.31 20.07	-147.01 1.25 172.59	25.15 1.40 3.26	33.15 1.79 0.00	29.94 1.60 0.00	50.13 2.69 0.00	50.36 3.06 0.00	49.23 2.90 0.00	45.59 2.74 0.00	48.02 2.91 0.00	25.63 1.63 0.94	-4.84 1.41 29.93	16.82 1.13 3.79
LOWER RAQUET___HYD 24057	18.04 1.17 0.00	22.19 1.40 0.00	17.70 1.07 0.00	17.79 1.12 0.00	23.72 1.57 0.00	27.59 2.00 0.00	43.18 3.17 0.00	38.98 2.69 0.00	33.16 2.11 0.00	36.80 2.41 0.00	32.43 1.82 0.00	24.32 1.34 0.00	25.56 1.22 0.00	28.48 1.47 0.00	32.98 1.62 0.00	29.75 1.41 0.00	49.50 2.05 0.00	49.30 2.00 0.00	48.04 1.71 0.00	44.31 1.46 0.00	46.38 1.27 0.00	25.68 0.75 0.00	24.34 0.67 0.00	19.90 0.41 0.00
LOWER___HUDSON 24059	17.53 0.66 0.00	21.58 0.80 0.00	17.30 0.66 0.00	17.31 0.64 0.00	23.07 0.91 0.00	26.73 1.14 0.00	41.68 1.67 0.00	37.93 1.64 0.00	32.58 1.53 0.00	36.08 1.68 0.00	32.17 1.50 -0.06	26.07 1.15 -1.94	42.35 1.17 -16.84	28.58 1.25 -0.32	32.88 1.52 0.00	29.71 1.37 0.00	49.65 2.20 0.00	49.69 2.39 0.00	48.68 2.35 0.00	45.03 2.18 0.00	47.44 2.34 0.00	26.30 1.31 -0.05	26.50 1.18 -1.66	20.62 0.93 -0.21
LOWVILLE_115KV_TB2 356335	17.33 0.46 0.00	21.26 0.47 0.00	16.93 0.30 0.00	17.00 0.32 0.00	22.56 0.41 0.00	26.33 0.73 0.00	40.78 0.77 0.00	36.52 0.23 0.00	30.99 -0.06 0.00	34.56 0.16 0.00	30.55 -0.05 0.00	23.20 0.22 0.00	24.52 0.18 0.00	27.32 0.30 0.00	31.52 0.16 0.00	28.44 0.10 0.00	47.51 0.06 0.00	47.23 -0.07 0.00	46.02 -0.31 0.00	42.44 -0.42 0.00	44.53 -0.58 0.00	24.64 -0.30 0.00	23.39 -0.28 0.00	19.18 -0.31 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	17.66 0.79 0.00	21.74 0.96 0.00	17.41 0.78 0.00	17.44 0.77 0.00	23.25 1.09 0.00	26.96 1.36 0.00	42.16 2.15 0.00	38.34 2.05 0.00	32.89 1.84 0.00	36.43 2.03 0.00	32.45 1.78 -0.06	26.16 1.35 -1.83	41.57 1.37 -15.87	28.80 1.49 -0.30	33.16 1.80 0.00	29.98 1.64 0.00	50.28 2.83 0.00	50.26 2.96 0.00	49.23 2.90 0.00	45.50 2.65 0.00	47.84 2.73 0.00	26.49 1.51 -0.05	26.61 1.37 -1.56	20.76 1.08 -0.20

LUTHERNY_35_KV_BK2 355980	17.67 0.80 0.00	21.75 0.96 0.00	17.42 0.79 0.00	17.45 0.78 0.00	23.26 1.11 0.00	26.97 1.37 0.00	42.18 2.17 0.00	38.36 2.06 0.00	32.92 1.86 0.00	36.45 2.05 0.00	32.47 1.81 -0.06	26.17 1.36 -1.83	41.59 1.38 -15.87	28.82 1.51 -0.30	33.18 1.82 0.00	30.00 1.66 0.00	50.31 2.86 0.00	50.30 3.00 0.00	49.27 2.94 0.00	45.54 2.69 0.00	47.89 2.78 0.00	26.51 1.53 -0.05	26.63 1.39 -1.56	20.77 1.08 -0.20
LWR___OSWEGATCHIE_HYD 23850	17.65 0.78 0.00	21.68 0.90 0.00	17.28 0.65 0.00	17.35 0.68 0.00	23.10 0.94 0.00	26.90 1.30 0.00	41.92 1.91 0.00	37.70 1.41 0.00	32.21 1.16 0.00	35.92 1.53 0.00	31.66 1.06 0.00	23.82 0.84 0.00	24.99 0.65 0.00	27.84 0.82 0.00	32.19 0.83 0.00	29.05 0.71 0.00	48.43 0.99 0.00	48.20 0.90 0.00	46.96 0.63 0.00	43.30 0.45 0.00	45.35 0.24 0.00	25.10 0.17 0.00	23.80 0.13 0.00	19.49 0.00 0.00
LYONS_FALL_HYD 23570	17.27 0.40 0.00	21.21 0.42 0.00	16.92 0.28 0.00	16.98 0.30 0.00	22.56 0.40 0.00	26.26 0.67 0.00	40.85 0.84 0.00	36.75 0.46 0.00	31.32 0.27 0.00	34.82 0.43 0.00	30.87 0.26 0.00	23.35 0.37 0.00	24.70 0.36 0.00	27.49 0.48 0.00	31.80 0.44 0.00	28.72 0.38 0.00	48.01 0.56 0.00	47.77 0.48 0.00	46.62 0.30 0.00	43.00 0.15 0.00	45.19 0.08 0.00	24.97 0.03 0.00	23.69 0.02 0.00	19.45 -0.04 0.00
MADISON___COUNTY_LFGE 323628	17.13 0.26 0.00	21.07 0.29 0.00	16.83 0.20 0.00	16.90 0.23 0.00	22.53 0.37 0.00	26.15 0.56 0.00	40.95 0.94 0.00	37.06 0.77 0.00	31.77 0.72 0.00	35.17 0.77 0.00	31.28 0.68 0.00	23.56 0.58 0.00	24.97 0.64 0.00	27.79 0.78 0.00	32.23 0.87 0.00	29.12 0.78 0.00	48.80 1.35 0.00	48.48 1.18 0.00	47.41 1.09 0.00	43.73 0.87 0.00	45.99 0.88 0.00	25.35 0.42 0.00	24.06 0.39 0.00	19.78 0.29 0.00
MALONE___115KV_TB1 356076	17.58 0.71 0.00	21.63 0.84 0.00	17.33 0.70 0.00	17.43 0.76 0.00	23.24 1.09 0.00	26.88 1.28 0.00	42.13 2.12 0.00	38.17 1.88 0.00	32.40 1.35 0.00	36.17 1.77 0.00	32.10 1.49 0.00	24.00 1.02 0.00	25.26 0.92 0.00	28.04 1.03 0.00	32.48 1.12 0.00	29.20 0.86 0.00	48.52 1.08 0.00	47.98 0.68 0.00	46.79 0.46 0.00	43.26 0.41 0.00	45.36 0.25 0.00	25.28 0.34 0.00	24.04 0.37 0.00	19.62 0.13 0.00
MAPLEWOD_115KV_TB3 80458	17.48 0.61 0.00	21.53 0.74 0.00	17.26 0.63 0.00	17.28 0.61 0.00	22.99 0.84 0.00	26.66 1.06 0.00	41.62 1.60 0.00	37.84 1.55 0.00	32.52 1.47 0.00	36.01 1.62 0.00	32.10 1.43 -0.06	26.02 1.12 -1.92	42.16 1.14 -16.68	28.58 1.25 -0.31	32.86 1.50 0.00	29.70 1.36 0.00	49.65 2.20 0.00	49.69 2.39 0.00	48.65 2.32 0.00	44.99 2.14 0.00	47.39 2.29 0.00	26.25 1.27 -0.05	26.43 1.12 -1.64	20.54 0.85 -0.21
MAPLE_RIDGE_WT_1 323574	16.71 -0.16 0.00	20.60 -0.18 0.00	16.48 -0.16 0.00	16.50 -0.17 0.00	21.91 -0.25 0.00	25.21 -0.39 0.00	39.46 -0.56 0.00	35.48 -0.82 0.00	29.97 -1.09 0.00	-15.68 -1.03 49.05	29.80 -0.80 0.00	17.19 -0.75 5.04	23.55 -0.78 0.00	26.23 -0.78 0.00	17.90 -1.06 12.40	-33.48 -1.00 60.82	-39.00 -1.77 84.67	-39.00 -1.85 84.44	-39.00 -1.82 83.51	-39.00 -1.61 80.25	-39.00 -1.72 82.39	-39.00 -0.91 63.02	-39.00 -0.83 61.83	-39.00 -0.72 57.77
MAPLE_RIDGE_WT_2 323611	16.71 -0.16 0.00	20.60 -0.18 0.00	16.48 -0.16 0.00	16.50 -0.17 0.00	21.91 -0.25 0.00	25.21 -0.39 0.00	39.46 -0.56 0.00	35.48 -0.82 0.00	29.97 -1.09 0.00	-15.68 -1.03 49.05	29.80 -0.80 0.00	17.19 -0.75 5.04	23.55 -0.78 0.00	26.23 -0.78 0.00	17.90 -1.06 12.40	-33.48 -1.00 60.82	-39.00 -1.77 84.67	-39.00 -1.85 84.44	-39.00 -1.82 83.51	-39.00 -1.61 80.25	-39.00 -1.72 82.39	-39.00 -0.91 63.02	-39.00 -0.83 61.83	-39.00 -0.72 57.77
MARBLE_RIVER_WT_PWR 323696	17.25 0.38 0.00	21.20 0.41 0.00	17.13 0.49 0.00	17.22 0.54 0.00	23.05 0.90 0.00	26.62 1.02 0.00	41.58 1.57 0.00	37.79 1.50 0.00	31.98 0.93 0.00	35.72 1.33 0.00	31.92 1.31 0.00	23.92 0.94 0.00	25.02 0.68 0.00	27.63 0.62 0.00	32.06 0.70 0.00	28.55 0.21 0.00	47.22 -0.23 0.00	45.97 -1.33 0.00	44.58 -1.75 0.00	41.20 -1.66 0.00	43.06 -2.05 0.00	24.30 -0.64 0.00	23.49 -0.18 0.00	19.17 -0.32 0.00
MARSHVLE_115KV_TB1 80742	17.51 0.65 0.00	21.58 0.79 0.00	17.25 0.61 0.00	17.32 0.64 0.00	23.07 0.91 0.00	26.66 1.06 0.00	41.80 1.79 0.00	37.87 1.58 0.00	32.39 1.34 0.00	35.72 1.33 0.00	31.78 1.13 -0.05	25.41 0.93 -1.50	38.32 1.03 -12.96	28.55 1.29 -0.24	32.80 1.44 0.00	29.59 1.25 0.00	49.65 2.20 0.00	49.44 2.14 0.00	48.40 2.07 0.00	44.68 1.83 0.00	46.93 1.82 0.00	25.95 0.98 -0.04	25.89 0.95 -1.28	20.45 0.80 -0.16
MARSH_HILL_WT_PWR 323713	15.11 -1.75 0.00	18.76 -2.03 0.00	14.64 -1.83 0.16	14.87 -1.80 0.00	19.86 -2.30 0.00	23.22 -2.37 0.00	36.74 -3.62 -0.35	44.11 -3.86 -11.68	27.87 -3.32 -0.14	30.73 -3.66 0.00	27.30 -3.30 0.00	20.73 -2.24 0.00	22.17 -2.17 0.00	24.55 -2.47 0.00	28.28 -3.09 -0.01	25.40 -2.94 0.00	43.35 -4.10 0.00	42.45 -4.85 0.00	41.91 -4.42 0.00	38.29 -4.57 0.00	40.45 -4.66 0.00	22.20 -2.74 0.00	21.05 -2.63 0.00	17.27 -2.22 0.00
MCINTYRE_115KV_TB2 80467	18.64 1.77 0.00	22.95 2.17 0.00	18.29 1.66 0.00	18.39 1.72 0.00	24.55 2.39 0.00	28.59 2.99 0.00	44.99 4.98 0.00	40.67 4.38 0.00	34.50 3.45 0.00	38.20 3.80 0.00	33.53 2.92 0.00	25.13 2.15 0.00	26.46 2.12 0.00	29.55 2.54 0.00	34.27 2.91 0.00	30.97 2.63 0.00	51.40 3.96 0.00	51.51 4.21 0.00	50.21 3.88 0.00	46.26 3.41 0.00	48.35 3.24 0.00	26.68 1.75 0.00	25.23 1.55 0.00	20.58 1.09 0.00
MECO_____69_KV_BK1 80468	17.77 0.89 0.00	21.87 1.09 0.00	17.49 0.85 0.00	17.54 0.87 0.00	23.38 1.22 0.00	27.07 1.47 0.00	42.53 2.51 0.00	38.60 2.30 0.00	33.02 1.97 0.00	36.45 2.05 0.00	32.32 1.67 -0.05	25.91 1.33 -1.59	39.52 1.39 -13.79	29.01 1.73 -0.26	33.44 2.08 0.00	30.23 1.89 0.00	50.77 3.33 0.00	50.67 3.37 0.00	49.61 3.28 0.00	45.79 2.94 0.00	48.08 2.97 0.00	26.54 1.56 -0.04	26.45 1.42 -1.36	20.80 1.14 -0.17
MENANDS___115KV_TB5 355628	17.42 0.54 0.00	21.45 0.67 0.00	17.20 0.57 0.00	17.22 0.55 0.00	22.92 0.76 0.00	26.56 0.96 0.00	41.44 1.42 0.00	37.68 1.39 0.00	32.39 1.33 0.00	35.86 1.47 0.00	31.96 1.30 -0.06	25.94 1.03 -1.93	42.10 1.05 -16.72	28.46 1.13 -0.32	32.74 1.38 0.00	29.58 1.23 0.00	49.41 1.97 0.00	49.46 2.16 0.00	48.42 2.10 0.00	44.80 1.94 0.00	47.20 2.09 0.00	26.15 1.17 -0.05	26.34 1.02 -1.65	20.47 0.77 -0.21
MG INDUSTRY___DRP 24185	17.38 0.51 0.00	21.41 0.62 0.00	17.16 0.53 0.00	17.20 0.52 0.00	22.89 0.73 0.00	26.53 0.93 0.00	41.38 1.37 0.00	37.56 1.27 0.00	32.21 1.16 0.00	35.65 1.26 0.00	31.70 1.05 -0.05	25.39 0.85 -1.56	38.75 0.89 -13.52	28.26 0.99 -0.25	32.56 1.20 0.00	29.44 1.09 0.00	49.22 1.77 0.00	49.19 1.89 0.00	48.17 1.84 0.00	44.58 1.73 0.00	46.97 1.86 0.00	26.02 1.04 -0.04	25.93 0.93 -1.33	20.36 0.71 -0.17

MID___OSWEGATCHIE_HYD 23849	17.65 0.78 0.00	21.68 0.90 0.00	17.28 0.65 0.00	17.35 0.68 0.00	23.10 0.94 0.00	26.90 1.30 0.00	41.92 1.91 0.00	37.70 1.41 0.00	32.21 1.16 0.00	35.92 1.53 0.00	31.66 1.06 0.00	23.82 0.84 0.00	24.99 0.65 0.00	27.84 0.82 0.00	32.19 0.83 0.00	29.05 0.71 0.00	48.43 0.99 0.00	48.20 0.90 0.00	46.96 0.63 0.00	43.30 0.45 0.00	45.35 0.24 0.00	25.10 0.17 0.00	23.80 0.13 0.00	19.49 0.00 0.00
MID___RAQUETTE_HYD 23851	18.04 1.17 0.00	22.19 1.40 0.00	17.70 1.07 0.00	17.79 1.12 0.00	23.72 1.57 0.00	27.59 2.00 0.00	43.18 3.17 0.00	38.98 2.69 0.00	33.16 2.11 0.00	36.80 2.41 0.00	32.43 1.82 0.00	24.32 1.34 0.00	25.56 1.22 0.00	28.48 1.47 0.00	32.99 1.63 0.00	29.75 1.41 0.00	49.50 2.05 0.00	49.30 2.00 0.00	48.04 1.72 0.00	44.31 1.46 0.00	46.38 1.27 0.00	25.68 0.75 0.00	24.34 0.67 0.00	19.90 0.41 0.00
MILLIKEN___1 23584	16.77 -0.10 0.00	20.63 -0.16 0.00	16.65 -0.19 -0.20	16.50 -0.17 0.00	21.96 -0.19 0.00	25.48 -0.12 0.00	39.95 -0.08 -0.03	36.99 -0.13 -0.83	30.93 -0.12 0.00	34.19 -0.20 0.00	30.28 -0.32 0.00	22.83 -0.15 0.00	24.30 -0.04 0.00	27.06 0.05 0.00	31.37 0.01 0.00	28.31 -0.03 0.00	47.68 0.23 0.00	47.44 0.14 0.00	46.65 0.32 0.00	43.01 0.16 0.00	45.27 0.16 0.00	24.89 -0.04 0.00	23.63 -0.04 0.00	19.43 -0.05 0.00
MILLIKEN___2 23585	16.77 -0.10 0.00	20.63 -0.16 0.00	16.65 -0.19 -0.20	16.50 -0.17 0.00	21.96 -0.19 0.00	25.48 -0.12 0.00	39.95 -0.08 -0.03	36.99 -0.13 -0.83	30.93 -0.12 0.00	34.19 -0.20 0.00	30.28 -0.32 0.00	22.83 -0.15 0.00	24.30 -0.04 0.00	27.06 0.05 0.00	31.37 0.01 0.00	28.31 -0.03 0.00	47.68 0.23 0.00	47.44 0.14 0.00	46.65 0.32 0.00	43.01 0.16 0.00	45.27 0.16 0.00	24.89 -0.04 0.00	23.63 -0.04 0.00	19.43 -0.05 0.00
MILLIKEN___DIESEL 23629	16.77 -0.10 0.00	20.63 -0.16 0.00	16.65 -0.19 -0.20	16.50 -0.17 0.00	21.96 -0.19 0.00	25.48 -0.12 0.00	39.95 -0.08 -0.03	36.99 -0.13 -0.83	30.93 -0.12 0.00	34.19 -0.20 0.00	30.28 -0.32 0.00	22.83 -0.15 0.00	24.30 -0.04 0.00	27.06 0.05 0.00	31.37 0.01 0.00	28.31 -0.03 0.00	47.68 0.23 0.00	47.44 0.14 0.00	46.65 0.32 0.00	43.01 0.16 0.00	45.27 0.16 0.00	24.89 -0.04 0.00	23.63 -0.04 0.00	19.43 -0.05 0.00
MILLSEAT___LFGE 323607	15.67 -1.19 0.00	19.46 -1.32 0.00	15.16 -1.42 0.05	15.28 -1.39 0.00	20.37 -1.78 0.00	23.76 -1.84 0.00	36.99 -2.96 0.06	31.30 -2.91 2.09	28.78 -2.26 0.02	31.92 -2.47 0.00	28.29 -2.31 0.00	21.46 -1.52 0.00	22.83 -1.51 0.00	25.27 -1.74 0.00	29.05 -2.31 0.00	26.38 -1.96 0.00	44.88 -2.56 0.00	44.36 -2.93 0.00	43.88 -2.45 0.00	40.17 -2.69 0.00	42.07 -3.04 0.00	23.01 -1.93 0.00	21.87 -1.80 0.00	17.85 -1.63 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	17.59 0.72 0.00	21.64 0.86 0.00	17.34 0.70 0.00	17.31 0.63 0.00	22.93 0.78 0.00	26.73 1.13 0.00	41.94 1.93 0.00	38.13 1.84 0.00	32.82 1.77 0.00	36.23 1.83 0.00	32.58 1.74 -0.24	31.38 1.39 -7.01	85.58 1.34 -59.91	29.65 1.51 -1.13	33.26 1.90 0.00	30.04 1.70 0.00	50.30 2.85 0.00	50.50 3.21 0.00	49.37 3.04 0.00	45.70 2.85 0.00	48.14 3.02 0.00	26.82 1.71 -0.18	31.03 1.49 -5.87	21.42 1.19 -0.74
MILLWOOD_13_KV_LOAD 356217	17.61 0.74 0.00	21.67 0.89 0.00	17.35 0.72 0.00	17.33 0.65 0.00	22.96 0.81 0.00	26.76 1.17 0.00	42.00 1.99 0.00	38.19 1.90 0.00	32.87 1.82 0.00	36.27 1.88 0.00	32.62 1.78 -0.24	31.41 1.41 -7.01	85.61 1.37 -59.91	29.68 1.54 -1.13	33.30 1.94 0.00	30.09 1.75 0.00	50.37 2.93 0.00	50.59 3.29 0.00	49.46 3.13 0.00	45.78 2.93 0.00	48.22 3.11 0.00	26.87 1.75 -0.18	31.06 1.52 -5.87	21.44 1.21 -0.74
MODEL_CITY_ENERGY 24167	15.19 -1.68 0.00	18.89 -1.89 0.00	14.67 -1.90 0.06	14.80 -1.88 0.00	19.72 -2.44 0.00	22.92 -2.67 0.00	35.52 -4.41 0.08	29.36 -4.27 2.66	27.55 -3.48 0.03	30.54 -3.86 0.00	27.11 -3.49 0.00	20.61 -2.37 0.00	21.88 -2.45 0.00	24.27 -2.75 0.00	27.84 -3.52 0.00	25.29 -3.05 0.00	43.06 -4.39 0.00	42.38 -4.92 0.00	42.00 -4.33 0.00	38.46 -4.40 0.00	40.30 -4.81 0.00	22.07 -2.87 0.00	21.02 -2.66 0.00	17.17 -2.32 0.00
MODERN_LFGE___ 323580	15.19 -1.68 0.00	18.89 -1.89 0.00	14.67 -1.90 0.06	14.80 -1.88 0.00	19.72 -2.44 0.00	22.92 -2.67 0.00	35.52 -4.41 0.08	29.36 -4.27 2.66	27.55 -3.48 0.03	30.54 -3.86 0.00	27.11 -3.49 0.00	20.61 -2.37 0.00	21.88 -2.45 0.00	24.27 -2.75 0.00	27.84 -3.52 0.00	25.29 -3.05 0.00	43.06 -4.39 0.00	42.38 -4.92 0.00	42.00 -4.33 0.00	38.46 -4.40 0.00	40.30 -4.81 0.00	22.07 -2.87 0.00	21.02 -2.66 0.00	17.17 -2.32 0.00
MOHAWK_PAPER___DRP 24187	17.48 0.61 0.00	21.53 0.74 0.00	17.26 0.63 0.00	17.28 0.61 0.00	22.99 0.84 0.00	26.66 1.06 0.00	41.62 1.60 0.00	37.84 1.55 0.00	32.52 1.47 0.00	36.01 1.62 0.00	32.10 1.43 -0.06	26.02 1.12 -1.92	42.16 1.14 -16.68	28.58 1.25 -0.31	32.86 1.50 0.00	29.70 1.36 0.00	49.65 2.20 0.00	49.69 2.39 0.00	48.65 2.32 0.00	44.99 2.14 0.00	47.39 2.29 0.00	26.25 1.27 -0.05	26.43 1.12 -1.64	20.54 0.85 -0.21
MOHICAN___35_KV_115KV_LD 80490	17.71 0.84 0.00	21.80 1.02 0.00	17.47 0.84 0.00	17.50 0.83 0.00	23.39 1.24 0.00	27.16 1.56 0.00	42.51 2.50 0.00	38.72 2.43 0.00	33.20 2.15 0.00	36.76 2.36 0.00	32.76 2.09 -0.06	26.34 1.54 -1.82	41.66 1.51 -15.81	28.93 1.62 -0.30	33.33 1.97 0.00	30.18 1.84 0.00	50.83 3.38 0.00	50.74 3.44 0.00	49.74 3.41 0.00	45.91 3.06 0.00	48.19 3.08 0.00	26.68 1.69 -0.05	26.80 1.58 -1.56	20.90 1.21 -0.20
MONGAUP___HYD 23641	17.73 0.86 0.00	21.81 1.02 0.00	17.45 0.82 0.00	17.43 0.76 0.00	23.13 0.98 0.00	26.94 1.34 0.00	42.39 2.38 0.00	38.53 2.24 0.00	32.97 1.92 0.00	36.44 2.05 0.00	31.72 1.69 0.57	7.12 1.17 17.03	-121.24 1.00 146.58	25.51 1.26 2.77	33.15 1.79 0.00	30.10 1.76 0.00	50.59 3.15 0.00	50.85 3.55 0.00	49.78 3.46 0.00	46.15 3.30 0.00	48.57 3.46 0.00	26.34 1.86 0.46	10.46 1.63 14.83	18.88 1.27 1.88
MONTAUK___DIESEL 23721	18.06 1.19 0.00	22.31 1.52 0.00	18.02 1.39 0.00	18.02 1.35 0.00	23.52 1.37 0.00	27.57 1.98 0.00	42.96 2.95 0.00	39.12 2.83 0.00	33.59 2.54 0.00	36.59 2.20 0.00	33.01 2.18 -0.23	31.26 1.56 -6.72	83.36 1.60 -57.42	30.18 2.09 -1.08	34.19 2.83 0.00	31.20 2.86 0.00	51.97 4.53 0.00	51.38 4.08 0.00	49.49 3.16 0.00	46.01 3.16 0.00	48.80 3.70 0.00	27.32 2.23 -0.16	31.05 2.26 -5.12	25.54 2.05 -4.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	15.19 -1.68 0.00	18.91 -1.87 0.00	14.75 -1.80 0.08	14.91 -1.76 0.00	19.79 -2.36 0.00	23.13 -2.47 0.00	36.01 -3.92 0.08	30.15 -3.58 2.55	28.31 -2.71 0.03	31.38 -3.01 0.00	27.93 -2.68 0.00	21.10 -1.88 0.00	22.56 -1.77 0.00	25.26 -1.75 0.00	28.91 -2.45 0.00	25.85 -2.49 0.00	44.29 -3.16 0.00	43.31 -3.99 0.00	43.08 -3.25 0.00	39.34 -3.51 0.00	41.68 -3.43 0.00	22.68 -2.25 0.00	21.66 -2.01 0.00	17.63 -1.85 0.00

MORRIS_RIDGE___SOLAR 323848	15.37 -1.50 0.00	19.03 -1.76 0.00	14.87 -1.66 0.11	15.02 -1.65 0.00	20.01 -2.15 0.00	23.35 -2.24 0.00	36.05 -3.45 0.51	16.12 -3.42 16.75	28.05 -2.86 0.14	31.28 -3.11 0.00	27.77 -2.83 0.00	20.98 -2.00 0.00	22.39 -1.95 0.00	24.81 -2.21 0.00	28.55 -2.80 0.01	25.80 -2.54 0.00	43.95 -3.49 0.00	43.22 -4.07 0.00	42.81 -3.52 0.00	39.21 -3.64 0.00	41.43 -3.68 0.00	22.69 -2.24 0.00	21.61 -2.06 0.00	17.71 -1.77 0.00
MORTIMER_115KV_TB3 55949	15.94 -0.93 0.00	19.72 -1.07 0.00	15.52 -1.08 0.04	15.60 -1.07 0.00	20.79 -1.37 0.00	24.19 -1.41 0.00	37.77 -2.24 0.00	34.03 -2.26 0.00	29.32 -1.73 0.00	32.52 -1.88 0.00	28.85 -1.75 0.00	21.82 -1.16 0.00	23.18 -1.16 0.00	25.69 -1.32 0.00	29.62 -1.74 0.00	26.86 -1.48 0.00	45.47 -1.98 0.00	45.06 -2.24 0.00	44.42 -1.91 0.00	40.82 -2.03 0.00	42.78 -2.33 0.00	23.48 -1.45 0.00	22.30 -1.37 0.00	18.29 -1.19 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	17.70 0.83 0.00	21.77 0.99 0.00	17.43 0.80 0.00	17.40 0.73 0.00	23.05 0.90 0.00	26.88 1.29 0.00	42.19 2.17 0.00	38.36 2.07 0.00	33.07 2.02 0.00	36.47 2.08 -0.23	32.83 2.00 -6.75	31.33 1.60 -57.65	83.55 1.57 -1.09	29.87 1.77 0.00	33.57 2.20 0.00	30.31 1.97 0.00	50.70 3.25 0.00	50.90 3.60 0.00	49.72 3.39 0.00	46.02 3.17 0.00	48.49 3.38 0.00	27.03 1.93 -0.16	30.49 1.68 -5.13	21.50 1.36 -0.65
MUNSVILLE_WIND_PWR 323609	17.43 0.56 0.00	21.36 0.57 0.00	17.18 0.44 -0.10	17.20 0.52 0.00	23.01 0.85 0.00	26.54 0.95 0.00	41.80 1.77 -0.02	38.36 1.52 -0.54	32.31 1.26 0.00	35.64 1.24 0.00	31.35 0.78 0.04	22.45 0.51 1.04	16.34 0.97 8.97	27.97 1.12 0.17	32.69 1.33 0.00	29.49 1.15 0.00	49.72 2.27 0.00	49.60 2.30 0.00	48.68 2.35 0.00	44.67 1.81 0.00	46.87 1.76 0.00	25.68 0.78 0.03	23.43 0.63 0.87	19.82 0.45 0.11
N SALMON___HYD 24042	17.58 0.71 0.00	21.63 0.84 0.00	17.33 0.70 0.00	17.43 0.76 0.00	23.24 1.09 0.00	26.88 1.28 0.00	42.13 2.12 0.00	38.17 1.88 0.00	32.40 1.35 0.00	36.16 1.77 0.00	32.09 1.49 0.00	24.00 1.02 0.00	25.26 0.92 0.00	28.04 1.03 0.00	32.48 1.12 0.00	29.19 0.86 0.00	48.52 1.08 0.00	47.98 0.68 0.00	46.79 0.46 0.00	43.26 0.41 0.00	45.37 0.25 0.00	25.28 0.35 0.00	24.04 0.37 0.00	19.62 0.13 0.00
N.AKRON__115KV_KNAPP 355671	15.58 -1.28 0.00	19.36 -1.42 0.00	15.07 -1.51 0.05	15.18 -1.49 0.00	20.24 -1.91 0.00	23.60 -2.00 0.00	36.72 -3.23 0.07	30.85 -3.19 2.26	28.54 -2.49 0.02	31.66 -2.74 0.00	28.07 -2.53 0.00	21.31 -1.67 0.00	22.65 -1.68 0.00	25.09 -1.92 0.00	28.82 -2.54 0.00	26.18 -2.16 0.00	44.54 -2.91 0.00	43.96 -3.33 0.00	43.51 -2.82 0.00	39.82 -3.03 0.00	41.72 -3.39 0.00	22.83 -2.11 0.00	21.70 -1.97 0.00	17.72 -1.77 0.00
N.BELMOR_69_KV_BK1 55787	17.73 0.87 0.00	21.88 1.09 0.00	17.56 0.93 0.00	17.53 0.86 0.00	23.07 0.91 0.00	26.93 1.34 0.00	41.95 1.94 0.00	38.22 1.93 0.00	32.92 1.87 0.00	36.31 1.91 0.00	32.90 2.07 -0.23	31.33 1.63 -6.72	83.33 1.58 -57.42	30.05 1.95 -1.08	33.69 2.33 0.00	30.55 2.21 0.00	50.83 3.38 0.00	50.79 3.49 0.00	49.57 3.24 0.00	46.07 3.22 0.00	48.73 3.62 0.00	27.27 2.17 -0.16	30.88 2.09 -5.12	25.22 1.73 -4.01
N.E_GEN_SANDY PD 24062	37.18 0.66 -19.65	37.17 0.80 -15.59	33.60 0.68 -16.29	36.49 0.65 -19.16	31.73 0.90 -8.67	37.22 1.14 -10.48	41.64 1.68 0.05	40.06 1.68 -2.09	46.88 1.60 -14.22	62.36 1.73 -26.24	61.84 1.58 -29.66	49.02 1.24 -24.80	69.83 1.23 -44.25	52.55 1.31 -24.24	42.04 1.61 -9.07	50.92 1.44 -21.14	60.24 2.31 -10.48	60.98 2.62 -11.06	66.47 2.56 -17.58	59.41 2.40 -14.16	52.29 2.56 -4.62	29.77 1.45 -3.39	32.69 1.29 -7.72	22.97 1.03 -2.46
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.59 0.72 0.00	21.66 0.87 0.00	17.33 0.70 0.00	17.29 0.62 0.00	22.92 0.76 0.00	26.72 1.12 0.00	41.96 1.95 0.00	38.14 1.84 0.00	32.80 1.74 0.00	36.20 1.80 0.00	31.63 1.70 0.67	4.49 1.35 19.83	-144.92 1.28 170.55	25.24 1.45 3.22	33.21 1.85 0.00	29.99 1.65 0.00	50.25 2.80 0.00	50.48 3.18 0.00	49.36 3.03 0.00	45.69 2.84 0.00	48.13 3.01 0.00	25.83 1.68 0.79	0.00 1.45 25.12	17.46 1.16 3.18
N.QUEENS_27_KV_LOAD 356247	17.71 0.83 0.00	21.77 0.99 0.00	17.41 0.78 0.00	17.36 0.69 0.00	23.00 0.84 0.00	26.84 1.24 0.00	42.13 2.12 0.00	38.35 2.06 0.00	33.12 2.07 0.00	36.48 2.08 0.00	32.87 2.04 -0.23	31.35 1.62 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.56 2.20 0.00	30.29 1.95 0.00	50.61 3.16 0.00	50.92 3.62 0.00	49.75 3.42 0.00	46.08 3.22 0.00	48.56 3.45 0.00	27.06 1.97 -0.16	30.50 1.70 -5.13	21.51 1.37 -0.65
N.TROY___115KV_TB1 355778	17.53 0.66 0.00	21.58 0.80 0.00	17.30 0.66 0.00	17.32 0.64 0.00	23.07 0.91 0.00	26.73 1.14 0.00	41.68 1.67 0.00	37.94 1.64 0.00	32.58 1.53 0.00	36.08 1.68 0.00	32.17 1.50 -0.06	26.07 1.16 -1.94	42.35 1.17 -16.84	28.58 1.25 -0.32	32.88 1.52 0.00	29.71 1.37 0.00	49.65 2.20 0.00	49.69 2.39 0.00	48.68 2.35 0.00	45.03 2.18 0.00	47.45 2.34 0.00	26.30 1.31 -0.05	26.50 1.18 -1.66	20.62 0.93 -0.21
NARROWS_GT1_1 24228	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NARROWS_GT1_2 24229	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NARROWS_GT1_3 24230	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NARROWS_GT1_4 24231	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65

NARROWS_GT1_5 24232	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NARROWS_GT1_6 24233	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NARROWS_GT1_7 24234	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NARROWS_GT1_8 24235	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NARROWS_GT2_1 24236	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NARROWS_GT2_2 24237	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NARROWS_GT2_3 24238	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NARROWS_GT2_4 24239	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NARROWS_GT2_5 24240	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NARROWS_GT2_6 24241	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NARROWS_GT2_7 24242	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NARROWS_GT2_8 24243	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.43 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	17.75 0.88 0.00	21.86 1.07 0.00	17.52 0.89 0.00	17.57 0.90 0.00	23.43 1.27 0.00	27.18 1.59 0.00	42.48 2.46 0.00	38.68 2.38 0.00	33.10 2.05 0.00	36.64 2.25 0.00	32.33 1.72 0.00	24.32 1.34 0.00	25.80 1.47 0.00	28.69 1.68 0.00	33.42 2.06 0.00	30.26 1.92 0.00	50.65 3.20 0.00	50.69 3.39 0.00	49.65 3.32 0.00	45.82 2.96 0.00	48.19 3.08 0.00	26.58 1.65 0.00	25.15 1.48 0.00	20.56 1.07 0.00
NCHELSEA_115KV_TR2 355582	17.69 0.82 0.00	21.76 0.98 0.00	17.44 0.80 0.00	17.42 0.75 0.00	23.11 0.95 0.00	26.91 1.32 0.00	42.26 2.25 0.00	38.46 2.16 0.00	33.07 2.02 0.00	36.48 2.08 0.00	32.45 1.90 0.06	22.64 1.47 1.81	7.71 1.47 18.10	28.34 1.67 0.34	33.45 2.09 0.00	30.21 1.88 0.00	50.67 3.22 0.00	50.86 3.56 0.00	49.74 3.41 0.00	46.02 3.16 0.00	48.44 3.33 0.00	26.73 1.84 0.05	23.74 1.61 1.53	20.56 1.27 0.19
NEG CAPITAL___MECHNVIL 23645	17.68 0.82 0.00	21.77 0.98 0.00	17.44 0.81 0.00	17.46 0.79 0.00	23.28 1.12 0.00	26.98 1.39 0.00	42.21 2.20 0.00	38.40 2.11 0.00	32.96 1.91 0.00	36.50 2.11 0.00	32.52 1.85 -0.06	26.24 1.40 -1.86	41.95 1.43 -16.18	28.88 1.56 -0.30	33.24 1.87 0.00	30.05 1.71 0.00	50.37 2.92 0.00	50.36 3.06 0.00	49.36 3.03 0.00	45.60 2.75 0.00	47.96 2.85 0.00	26.55 1.57 -0.05	26.68 1.42 -1.59	20.79 1.10 -0.20

NEG CENTRAL_HIGH_ACRES 23767	15.79 -1.08 0.00	19.53 -1.26 0.00	15.41 -1.19 0.03	15.51 -1.17 0.00	20.66 -1.50 0.00	24.01 -1.59 0.00	37.50 -2.51 0.00	33.86 -2.44 0.00	29.14 -1.91 0.00	32.29 -2.11 0.00	28.68 -1.92 0.00	21.66 -1.32 0.00	23.01 -1.33 0.00	25.53 -1.49 0.00	29.44 -1.92 0.00	26.68 -1.66 0.00	45.08 -2.37 0.00	44.74 -2.55 0.00	44.05 -2.28 0.00	40.48 -2.37 0.00	42.46 -2.65 0.00	23.32 -1.61 0.00	22.14 -1.53 0.00	18.19 -1.30 0.00
NEG CENTRAL___DRP 24199	16.37 -0.50 0.00	20.18 -0.60 0.00	16.00 -0.59 0.04	16.10 -0.58 0.00	21.43 -0.73 0.00	24.90 -0.70 0.00	39.01 -1.03 -0.03	36.39 -1.03 -1.12	30.23 -0.83 -0.01	33.41 -0.98 0.00	29.71 -0.90 0.00	22.38 -0.60 0.00	23.78 -0.56 0.00	26.44 -0.57 0.00	30.56 -0.80 0.00	27.60 -0.74 0.00	46.55 -0.90 0.00	46.34 -0.96 0.00	45.63 -0.69 0.00	42.01 -0.84 0.00	44.19 -0.92 0.00	24.31 -0.62 0.00	23.07 -0.60 0.00	18.97 -0.51 0.00
NEG CENTRAL___INDECK 23768	16.08 -0.79 0.00	19.90 -0.88 0.00	15.59 -0.95 0.10	15.74 -0.93 0.00	20.99 -1.16 0.00	24.52 -1.08 0.00	38.84 -1.53 -0.36	46.67 -1.63 -12.00	29.81 -1.36 -0.12	32.85 -1.55 0.00	28.99 -1.61 0.00	21.88 -1.10 0.00	23.45 -0.89 0.00	25.88 -1.13 0.00	29.74 -1.63 -0.01	26.88 -1.46 0.00	45.88 -1.56 0.00	45.81 -1.50 0.00	45.28 -1.05 0.00	41.49 -1.36 0.00	43.58 -1.53 0.00	23.83 -1.10 0.00	22.60 -1.07 0.00	18.50 -0.99 0.00
NEG CENTRAL___SENECA 23627	16.29 -0.58 0.00	20.10 -0.69 0.00	15.85 -0.70 0.08	16.00 -0.67 0.00	21.32 -0.84 0.00	24.82 -0.77 0.00	38.93 -1.13 -0.05	36.93 -1.14 -1.79	30.17 -0.90 -0.02	33.29 -1.10 0.00	29.61 -0.99 0.00	22.29 -0.69 0.00	23.69 -0.65 0.00	26.35 -0.66 0.00	30.43 -0.94 0.00	27.46 -0.88 0.00	46.43 -1.02 0.00	46.24 -1.05 0.00	45.64 -0.69 0.00	41.92 -0.94 0.00	44.09 -1.02 0.00	24.25 -0.68 0.00	23.00 -0.68 0.00	18.86 -0.63 0.00
NEG CENTRAL___STATE_STREET 24147	16.60 -0.27 0.00	20.42 -0.36 0.00	16.29 -0.37 -0.02	16.32 -0.35 0.00	21.71 -0.45 0.00	25.17 -0.42 0.00	39.45 -0.57 0.00	35.74 -0.56 0.00	30.54 -0.51 0.00	33.79 -0.61 0.00	30.01 -0.59 0.00	22.68 -0.31 0.00	24.11 -0.22 0.00	26.79 -0.22 0.00	30.94 -0.42 0.00	28.01 -0.33 0.00	47.17 -0.27 0.00	46.80 -0.50 0.00	45.99 -0.34 0.00	42.49 -0.36 0.00	44.72 -0.39 0.00	24.62 -0.31 0.00	23.39 -0.28 0.00	19.27 -0.21 0.00
NEG MILLWOOD___DRP 24198	17.73 0.86 0.00	21.81 1.03 0.00	17.48 0.85 0.00	17.46 0.78 0.00	23.16 1.00 0.00	27.00 1.41 0.00	42.39 2.38 0.00	38.70 2.41 0.00	33.30 2.25 0.00	36.68 2.28 0.00	32.73 2.06 -0.06	26.48 1.58 -1.91	41.52 1.57 -15.61	29.07 1.76 -0.29	33.58 2.21 0.00	30.35 2.01 0.00	50.87 3.42 0.00	51.08 3.79 0.00	49.97 3.64 0.00	46.21 3.36 0.00	48.65 3.53 0.00	26.95 1.96 -0.05	26.97 1.71 -1.58	21.03 1.35 -0.20
NEG NORTH_FLCN_SEA 23793	17.29 0.42 0.00	21.26 0.47 0.00	17.13 0.50 0.00	17.22 0.54 0.00	23.05 0.90 0.00	26.62 1.03 0.00	41.61 1.59 0.00	37.82 1.53 0.00	32.03 0.97 0.00	35.72 1.32 0.00	31.89 1.29 0.00	23.91 0.93 0.00	25.03 0.69 0.00	27.71 0.70 0.00	32.18 0.81 0.00	28.72 0.38 0.00	47.53 0.08 0.00	46.25 -1.05 0.00	45.03 -1.30 0.00	41.71 -1.14 0.00	43.67 -1.44 0.00	24.56 -0.38 0.00	23.60 -0.08 0.00	19.28 -0.21 0.00
NEG NORTH_KES_CHATEGAY 23792	17.24 0.37 0.00	21.23 0.44 0.00	17.03 0.40 0.00	17.14 0.47 0.00	22.85 0.70 0.00	26.37 0.77 0.00	41.27 1.25 0.00	37.43 1.14 0.00	31.74 0.69 0.00	35.37 0.97 0.00	31.45 0.85 0.00	23.49 0.51 0.00	24.75 0.41 0.00	27.43 0.42 0.00	31.81 0.44 0.00	28.55 0.21 0.00	47.36 -0.09 0.00	46.68 -0.62 0.00	45.52 -0.81 0.00	42.14 -0.71 0.00	44.30 -0.81 0.00	24.77 -0.16 0.00	23.63 -0.05 0.00	19.28 -0.20 0.00
NEG NORTH___ALICE_FALLS 23915	17.39 0.52 0.00	21.38 0.59 0.00	17.22 0.58 0.00	17.30 0.63 0.00	23.14 0.98 0.00	26.74 1.14 0.00	41.84 1.83 0.00	38.02 1.73 0.00	32.20 1.15 0.00	35.91 1.52 0.00	32.05 1.45 0.00	24.00 1.03 0.00	25.14 0.81 0.00	27.86 0.85 0.00	32.33 0.97 0.00	28.91 0.57 0.00	47.92 0.47 0.00	46.83 -0.47 0.00	45.58 -0.75 0.00	42.17 -0.68 0.00	44.16 -0.95 0.00	24.78 -0.15 0.00	23.77 0.10 0.00	19.40 -0.09 0.00
NEG NORTH___LWR_SARANAC 23913	17.39 0.52 0.00	21.38 0.59 0.00	17.22 0.58 0.00	17.30 0.63 0.00	23.14 0.98 0.00	26.74 1.14 0.00	41.84 1.83 0.00	38.02 1.73 0.00	32.20 1.15 0.00	35.91 1.52 0.00	32.05 1.45 0.00	24.00 1.03 0.00	25.14 0.81 0.00	27.86 0.85 0.00	32.33 0.97 0.00	28.91 0.57 0.00	47.92 0.47 0.00	46.83 -0.47 0.00	45.58 -0.75 0.00	42.17 -0.68 0.00	44.16 -0.95 0.00	24.78 -0.15 0.00	23.77 0.10 0.00	19.40 -0.09 0.00
NEG NORTH___PLATTSBURG 23628	17.39 0.52 0.00	21.38 0.59 0.00	17.22 0.58 0.00	17.30 0.62 0.00	23.14 0.98 0.00	26.74 1.14 0.00	41.84 1.83 0.00	38.02 1.73 0.00	32.21 1.15 0.00	35.91 1.52 0.00	32.05 1.45 0.00	24.01 1.03 0.00	25.14 0.81 0.00	27.86 0.85 0.00	32.33 0.97 0.00	28.91 0.57 0.00	47.92 0.47 0.00	46.83 -0.48 0.00	45.58 -0.75 0.00	42.17 -0.68 0.00	44.16 -0.95 0.00	24.78 -0.15 0.00	23.77 0.10 0.00	19.40 -0.09 0.00
NEG WEST_LEA_LOCKPORT 23791	15.32 -1.55 0.00	19.05 -1.73 0.00	14.81 -1.77 0.06	14.92 -1.75 0.00	19.89 -2.27 0.00	23.16 -2.44 0.00	35.94 -3.99 0.08	29.62 -3.96 2.72	27.88 -3.15 0.03	30.92 -3.47 0.00	27.45 -3.15 0.00	20.85 -2.13 0.00	22.15 -2.19 0.00	24.57 -2.44 0.00	28.19 -3.17 0.00	25.60 -2.74 0.00	43.59 -3.85 0.00	42.92 -4.38 0.00	42.54 -3.79 0.00	38.94 -3.91 0.00	40.82 -4.29 0.00	22.34 -2.59 0.00	21.26 -2.41 0.00	17.37 -2.11 0.00
NEG WEST___LANCASTER 23811	15.91 -0.96 0.00	19.70 -1.09 0.00	15.36 -1.20 0.07	15.46 -1.21 0.00	20.62 -1.54 0.00	24.05 -1.55 0.00	37.43 -2.50 0.08	31.05 -2.47 2.77	29.16 -1.87 0.03	32.40 -1.99 0.00	28.89 -1.71 0.00	21.87 -1.11 0.00	23.31 -1.03 0.00	25.85 -1.16 0.00	29.79 -1.56 0.00	26.89 -1.45 0.00	45.79 -1.66 0.00	45.01 -2.29 0.00	44.68 -1.65 0.00	40.93 -1.92 0.00	43.08 -2.03 0.00	23.55 -1.39 0.00	22.47 -1.20 0.00	18.36 -1.12 0.00
NEG_PENN_ALLEGHNY 23528	16.54 -0.33 0.00	20.39 -0.40 0.00	16.19 -0.41 0.03	16.27 -0.40 0.00	21.67 -0.49 0.00	25.17 -0.43 0.00	39.39 -0.62 0.00	35.67 -0.62 0.00	30.66 -0.39 0.00	33.95 -0.44 0.00	30.16 -0.45 0.00	22.66 -0.32 0.00	24.08 -0.25 0.00	26.77 -0.23 0.00	31.09 -0.27 0.00	28.03 -0.31 0.00	47.22 -0.23 0.00	46.75 -0.55 0.00	46.10 -0.23 0.00	42.45 -0.41 0.00	44.79 -0.32 0.00	24.61 -0.33 0.00	23.42 -0.25 0.00	19.22 -0.27 0.00
NEG___GEN_MONROE 24207	15.98 -0.89 0.00	19.80 -0.99 0.00	15.55 -1.05 0.04	15.64 -1.04 0.00	20.84 -1.32 0.00	24.27 -1.33 0.00	37.92 -2.09 0.00	34.19 -2.10 0.00	29.47 -1.58 0.00	32.68 -1.71 0.00	28.97 -1.63 0.00	21.91 -1.07 0.00	23.29 -1.05 0.00	25.81 -1.20 0.00	29.73 -1.63 0.00	26.96 -1.38 0.00	45.71 -1.74 0.00	45.31 -1.99 0.00	44.70 -1.63 0.00	41.04 -1.82 0.00	43.01 -2.10 0.00	23.58 -1.36 0.00	22.38 -1.29 0.00	18.33 -1.15 0.00

NEPA___ENERGY 23901	15.61 -1.26 0.00	19.37 -1.42 0.00	15.07 -1.49 0.07	15.21 -1.46 0.00	20.27 -1.89 0.00	23.74 -1.85 0.00	37.11 -2.81 0.09	30.49 -2.74 3.06	28.89 -2.13 0.03	32.11 -2.28 0.00	28.51 -2.10 0.00	21.49 -1.50 0.00	22.87 -1.47 0.00	25.45 -1.57 0.00	29.42 -1.94 0.00	26.42 -1.93 0.00	45.21 -2.24 0.00	44.21 -3.09 0.00	44.12 -2.21 0.00	40.37 -2.48 0.00	42.75 -2.36 0.00	23.25 -1.69 0.00	22.24 -1.43 0.00	18.11 -1.38 0.00
NEVERSink___HYD 23608	17.79 0.92 0.00	21.87 1.09 0.00	17.52 0.88 0.00	17.49 0.82 0.00	23.21 1.06 0.00	27.03 1.43 0.00	42.54 2.53 0.00	38.68 2.39 0.00	33.19 2.13 0.00	36.63 2.24 0.24	32.33 1.97 0.00	17.19 1.47 7.25	-36.91 1.40 62.65	27.45 1.62 1.18	33.47 2.10 0.00	30.30 1.96 0.00	50.86 3.41 0.00	51.12 3.83 0.00	50.01 3.68 0.00	46.25 3.39 0.00	48.66 3.55 0.00	26.67 1.93 0.19	19.19 1.69 6.18	20.04 1.33 0.78
NEWKRMKL_115KV_TB1 55635	17.38 0.51 0.00	21.41 0.62 0.00	17.17 0.53 0.00	17.18 0.51 0.00	22.86 0.71 0.00	26.50 0.90 0.00	41.39 1.37 0.00	37.62 1.33 0.00	32.33 1.28 0.00	35.79 1.40 0.00	31.89 1.23 -0.06	25.86 0.99 -1.90	41.77 1.00 -16.43	28.42 1.09 -0.31	32.70 1.33 0.00	29.54 1.20 0.00	49.37 1.92 0.00	49.40 2.10 0.00	48.36 2.03 0.00	44.73 1.88 0.00	47.11 2.01 0.00	26.10 1.11 -0.05	26.26 0.97 -1.62	20.39 0.70 -0.20
NEWTON___FALLS_HYD 23847	17.65 0.78 0.00	21.68 0.90 0.00	17.28 0.65 0.00	17.35 0.68 0.00	23.10 0.94 0.00	26.90 1.30 0.00	41.92 1.91 0.00	37.70 1.41 0.00	32.21 1.16 0.00	35.92 1.53 0.00	31.66 1.06 0.00	23.82 0.84 0.00	24.99 0.65 0.00	27.84 0.82 0.00	32.19 0.83 0.00	29.05 0.71 0.00	48.43 0.99 0.00	48.20 0.90 0.00	46.96 0.63 0.00	43.30 0.45 0.00	45.35 0.24 0.00	25.10 0.17 0.00	23.80 0.13 0.00	19.49 0.00 0.00
NGRID_A1_DSASP 323792	15.07 -1.80 0.00	18.74 -2.04 0.00	14.54 -2.03 0.06	14.67 -2.00 0.00	19.56 -2.60 0.00	22.81 -2.79 0.00	35.34 -4.59 0.08	29.01 -4.54 2.75	27.36 -3.67 0.03	30.35 -4.05 0.00	26.91 -3.69 0.00	20.46 -2.52 0.00	21.74 -2.60 0.00	24.12 -2.89 0.00	27.67 -3.69 0.00	25.15 -3.19 0.00	42.82 -4.62 0.00	42.11 -5.19 0.00	41.76 -4.57 0.00	38.24 -4.61 0.00	40.07 -5.04 0.00	21.95 -2.98 0.00	20.91 -2.76 0.00	17.08 -2.41 0.00
NGRID_A2_DSASP 323793	15.07 -1.80 0.00	18.74 -2.04 0.00	14.54 -2.03 0.06	14.67 -2.00 0.00	19.56 -2.60 0.00	22.81 -2.79 0.00	35.34 -4.59 0.08	29.01 -4.54 2.75	27.36 -3.67 0.03	30.35 -4.05 0.00	26.91 -3.69 0.00	20.46 -2.52 0.00	21.74 -2.60 0.00	24.12 -2.89 0.00	27.67 -3.69 0.00	25.15 -3.19 0.00	42.82 -4.62 0.00	42.11 -5.19 0.00	41.76 -4.57 0.00	38.24 -4.61 0.00	40.07 -5.04 0.00	21.95 -2.98 0.00	20.91 -2.76 0.00	17.08 -2.41 0.00
NGRID_A4_DSASP 323807	15.07 -1.80 0.00	18.74 -2.04 0.00	14.54 -2.03 0.06	14.67 -2.00 0.00	19.56 -2.60 0.00	22.81 -2.79 0.00	35.34 -4.59 0.08	29.01 -4.54 2.75	27.36 -3.67 0.03	30.35 -4.05 0.00	26.91 -3.69 0.00	20.46 -2.52 0.00	21.74 -2.60 0.00	24.12 -2.89 0.00	27.67 -3.69 0.00	25.15 -3.19 0.00	42.82 -4.62 0.00	42.11 -5.19 0.00	41.76 -4.57 0.00	38.24 -4.61 0.00	40.07 -5.04 0.00	21.95 -2.98 0.00	20.91 -2.76 0.00	17.08 -2.41 0.00
NIAGARA_115E_LBMP 323715	15.11 -1.76 0.00	18.80 -1.99 0.00	14.59 -1.99 0.06	14.71 -1.96 0.00	19.60 -2.55 0.00	22.77 -2.82 0.00	35.27 -4.66 0.08	29.06 -4.50 2.73	27.32 -3.71 0.03	30.28 -4.11 0.00	26.89 -3.71 0.00	20.45 -2.53 0.00	21.71 -2.63 0.00	24.08 -2.93 0.00	27.61 -3.75 0.00	25.10 -3.24 0.00	42.73 -4.72 0.00	42.03 -5.27 0.00	41.66 -4.67 0.00	38.15 -4.70 0.00	39.97 -5.13 0.00	21.89 -3.04 0.00	20.86 -2.81 0.00	17.04 -2.45 0.00
NIAGARA_115W_LBMP 323714	15.04 -1.83 0.00	18.71 -2.07 0.00	14.52 -2.06 0.06	14.64 -2.03 0.00	19.52 -2.64 0.00	22.76 -2.83 0.00	35.27 -4.66 0.08	28.96 -4.60 2.73	27.30 -3.73 0.03	30.28 -4.11 0.00	26.86 -3.74 0.00	20.42 -2.56 0.00	21.69 -2.65 0.00	24.06 -2.94 0.00	27.62 -3.75 0.00	25.11 -3.23 0.00	42.73 -4.72 0.00	42.01 -5.29 0.00	41.67 -4.67 0.00	38.16 -4.69 0.00	39.98 -5.12 0.00	21.91 -3.03 0.00	20.87 -2.80 0.00	17.04 -2.44 0.00
NIAGARA_230_LBMP 323716	15.19 -1.67 0.00	18.89 -1.89 0.00	14.68 -1.90 0.06	14.80 -1.87 0.00	19.74 -2.42 0.00	23.00 -2.60 0.00	35.65 -4.28 0.08	29.39 -4.30 2.61	27.61 -3.41 0.02	30.64 -3.75 0.00	27.19 -3.41 0.00	20.65 -2.33 0.00	21.94 -2.40 0.00	24.33 -2.68 0.00	27.94 -3.42 0.00	25.38 -2.96 0.00	43.19 -4.25 0.00	42.52 -4.77 0.00	42.14 -4.18 0.00	38.62 -4.23 0.00	40.48 -4.63 0.00	22.17 -2.76 0.00	21.12 -2.55 0.00	17.26 -2.23 0.00
NIAGARA___115KV_198_GIBSON 55903	15.04 -1.83 0.00	18.71 -2.08 0.00	14.52 -2.05 0.06	14.64 -2.03 0.00	19.52 -2.64 0.00	22.77 -2.83 0.00	35.28 -4.65 0.08	28.95 -4.61 2.73	27.30 -3.72 0.03	30.28 -4.11 0.00	26.86 -3.74 0.00	20.42 -2.56 0.00	21.68 -2.66 0.00	24.06 -2.95 0.00	27.61 -3.75 0.00	25.10 -3.24 0.00	42.73 -4.72 0.00	42.01 -5.29 0.00	41.66 -4.67 0.00	38.15 -4.70 0.00	39.98 -5.13 0.00	21.91 -3.03 0.00	20.86 -2.81 0.00	17.04 -2.45 0.00
NIAGARA___ 23760	15.19 -1.67 0.00	18.89 -1.89 0.00	14.68 -1.90 0.06	14.80 -1.87 0.00	19.74 -2.42 0.00	23.00 -2.60 0.00	35.65 -4.28 0.08	29.36 -4.30 2.64	27.61 -3.41 0.03	30.64 -3.75 0.00	27.19 -3.41 0.00	20.65 -2.33 0.00	21.94 -2.40 0.00	24.33 -2.68 0.00	27.94 -3.42 0.00	25.38 -2.96 0.00	43.19 -4.25 0.00	42.52 -4.77 0.00	42.14 -4.18 0.00	38.62 -4.23 0.00	40.48 -4.63 0.00	22.17 -2.76 0.00	21.12 -2.55 0.00	17.26 -2.23 0.00
NINE_MILE_1 23575	16.24 -0.63 0.00	20.01 -0.78 0.00	15.99 -0.65 0.00	16.03 -0.64 0.00	21.28 -0.88 0.00	24.59 -1.01 0.00	38.32 -1.70 0.00	34.71 -1.58 0.00	29.75 -1.30 0.00	32.95 -1.45 0.00	29.30 -1.31 0.00	22.05 -0.93 0.00	23.39 -0.94 0.00	25.95 -1.06 0.00	30.09 -1.27 0.00	27.20 -1.14 0.00	45.64 -1.80 0.00	45.45 -1.85 0.00	44.55 -1.78 0.00	41.14 -1.71 0.00	43.28 -1.83 0.00	23.90 -1.03 0.00	22.73 -0.94 0.00	18.80 -0.69 0.00
NINE_MILE_2 23744	16.25 -0.62 0.00	20.01 -0.77 0.00	15.99 -0.65 0.00	16.03 -0.64 0.00	21.28 -0.88 0.00	24.59 -1.01 0.00	38.32 -1.70 0.00	34.71 -1.58 0.00	29.75 -1.30 0.00	32.95 -1.45 0.00	29.30 -1.31 0.00	22.05 -0.93 0.00	23.39 -0.94 0.00	25.95 -1.06 0.00	30.09 -1.27 0.00	27.20 -1.13 0.00	45.64 -1.80 0.00	45.45 -1.85 0.00	44.55 -1.78 0.00	41.15 -1.71 0.00	43.28 -1.83 0.00	23.90 -1.03 0.00	22.73 -0.94 0.00	18.80 -0.69 0.00
NM_CAPITAL___DRP 24208	17.39 0.52 0.00	21.43 0.64 0.00	17.18 0.54 0.00	17.20 0.53 0.00	22.88 0.73 0.00	26.53 0.93 0.00	41.39 1.37 0.00	37.64 1.34 0.00	32.34 1.28 0.00	35.81 1.41 0.00	31.92 1.26 -0.06	25.91 1.00 -1.93	42.11 1.01 -16.76	28.43 1.10 -0.32	32.70 1.34 0.00	29.54 1.20 0.00	49.34 1.89 0.00	49.40 2.10 0.00	48.35 2.01 0.00	44.74 1.88 0.00	47.12 2.01 0.00	26.12 1.13 -0.05	26.31 0.99 -1.65	20.44 0.74 -0.21

NM_CENTRAL___DRP 24181	16.48 -0.39 0.00	20.30 -0.48 0.00	16.21 -0.43 0.00	16.25 -0.42 0.00	21.59 -0.56 0.00	25.00 -0.59 0.00	39.02 -0.99 0.00	35.35 -0.95 0.00	30.30 -0.75 0.00	33.56 -0.83 0.00	29.84 -0.76 0.00	22.47 -0.51 0.00	23.85 -0.49 0.00	26.48 -0.53 0.00	30.72 -0.64 0.00	27.75 -0.59 0.00	46.61 -0.84 0.00	46.39 -0.91 0.00	45.51 -0.82 0.00	41.98 -0.87 0.00	44.14 -0.97 0.00	24.34 -0.59 0.00	23.13 -0.54 0.00	19.09 -0.39 0.00
NM_FRONTIER___DRP 24179	15.04 -1.83 0.00	18.71 -2.08 0.00	14.52 -2.05 0.06	14.64 -2.03 0.00	19.52 -2.64 0.00	22.77 -2.83 0.00	35.28 -4.65 0.08	28.95 -4.61 2.73	27.30 -3.72 0.03	30.28 -4.11 0.00	26.86 -3.74 0.00	20.42 -2.56 0.00	21.68 -2.66 0.00	24.06 -2.95 0.00	27.61 -3.75 0.00	25.10 -3.24 0.00	42.73 -4.72 0.00	42.01 -5.29 0.00	41.66 -4.67 0.00	38.15 -4.70 0.00	39.98 -5.13 0.00	21.91 -3.03 0.00	20.86 -2.81 0.00	17.04 -2.45 0.00
NM_ST_REGIS___HYD 24053	17.95 1.08 0.00	22.08 1.30 0.00	17.64 1.01 0.00	17.73 1.06 0.00	23.64 1.49 0.00	27.46 1.87 0.00	43.00 2.99 0.00	38.85 2.56 0.00	33.02 1.97 0.00	36.71 2.31 0.00	32.40 1.79 0.00	24.27 1.29 0.00	25.52 1.18 0.00	28.40 1.39 0.00	32.90 1.53 0.00	29.65 1.31 0.00	49.30 1.85 0.00	49.00 1.70 0.00	47.76 1.43 0.00	44.07 1.22 0.00	46.15 1.04 0.00	25.59 0.66 0.00	24.28 0.61 0.00	19.84 0.35 0.00
NORTHPORT___1 23551	17.75 0.88 0.00	21.96 1.18 0.00	17.67 1.03 0.00	17.65 0.97 0.00	23.07 0.92 0.00	26.93 1.34 0.00	41.87 1.85 0.00	38.10 1.81 0.00	32.74 1.69 0.00	36.09 1.70 0.00	32.73 1.90 -0.23	31.23 1.53 -6.72	83.30 1.55 -57.42	30.06 1.96 -1.08	33.63 2.27 0.00	30.53 2.19 0.00	50.76 3.31 0.00	50.57 3.27 0.00	49.17 2.84 0.00	45.85 3.00 0.00	48.59 3.48 0.00	27.20 2.11 -0.16	30.91 2.12 -5.12	25.31 1.81 -4.01
NORTHPORT___2 23552	17.75 0.88 0.00	21.96 1.18 0.00	17.67 1.03 0.00	17.65 0.97 0.00	23.07 0.92 0.00	26.93 1.34 0.00	41.87 1.85 0.00	38.10 1.81 0.00	32.74 1.69 0.00	36.09 1.70 0.00	32.73 1.90 -0.23	31.23 1.53 -6.72	83.30 1.55 -57.42	30.06 1.96 -1.08	33.63 2.27 0.00	30.53 2.19 0.00	50.76 3.31 0.00	50.57 3.27 0.00	49.17 2.84 0.00	45.85 3.00 0.00	48.59 3.48 0.00	27.20 2.11 -0.16	30.91 2.12 -5.12	25.31 1.81 -4.01
NORTHPORT___3 23553	17.48 0.61 0.00	21.60 0.82 0.00	17.37 0.74 0.00	17.34 0.67 0.00	22.71 0.56 0.00	26.47 0.87 0.00	41.17 1.15 0.00	37.48 1.19 0.00	32.23 1.18 0.00	35.54 1.14 0.00	32.22 1.39 -0.23	30.86 1.15 -6.72	82.91 1.15 -57.42	29.60 1.51 -1.08	33.09 1.72 0.00	30.04 1.70 0.00	49.95 2.50 0.00	49.89 2.60 0.00	48.66 2.33 0.00	45.31 2.46 0.00	47.99 2.89 0.00	26.87 1.78 -0.16	30.59 1.81 -5.12	25.04 1.54 -4.01
NORTHPORT___4 23650	17.48 0.61 0.00	21.60 0.82 0.00	17.37 0.74 0.00	17.34 0.67 0.00	22.71 0.56 0.00	26.47 0.87 0.00	41.17 1.15 0.00	37.48 1.19 0.00	32.23 1.18 0.00	35.54 1.14 0.00	32.22 1.39 -0.23	30.86 1.15 -6.72	82.91 1.15 -57.42	29.60 1.51 -1.08	33.09 1.72 0.00	30.04 1.70 0.00	49.95 2.50 0.00	49.89 2.60 0.00	48.66 2.33 0.00	45.31 2.46 0.00	47.99 2.89 0.00	26.87 1.78 -0.16	30.59 1.81 -5.12	25.04 1.54 -4.01
NORTHPORT___IC 23718	17.75 0.88 0.00	21.96 1.17 0.00	17.66 1.03 0.00	17.65 0.97 0.00	23.07 0.91 0.00	26.94 1.34 0.00	41.87 1.86 0.00	38.10 1.81 0.00	32.74 1.69 0.00	36.09 1.70 0.00	32.74 1.91 -0.23	31.23 1.53 -6.72	83.31 1.55 -57.42	30.06 1.97 -1.08	33.63 2.27 0.00	30.53 2.19 0.00	50.77 3.32 0.00	50.57 3.28 0.00	49.17 2.84 0.00	45.86 3.00 0.00	48.59 3.48 0.00	27.20 2.10 -0.16	30.91 2.12 -5.12	25.31 1.81 -4.01
NORTH___COUNTRY_ESR 323785	17.21 0.34 0.00	21.19 0.40 0.00	17.00 0.37 0.00	17.10 0.43 0.00	22.81 0.65 0.00	26.29 0.70 0.00	41.15 1.13 0.00	37.30 1.01 0.00	31.63 0.58 0.00	35.27 0.87 0.00	31.38 0.77 0.00	23.44 0.46 0.00	24.70 0.36 0.00	27.38 0.37 0.00	31.73 0.36 0.00	28.47 0.13 0.00	47.21 -0.24 0.00	46.54 -0.76 0.00	45.36 -0.97 0.00	41.98 -0.87 0.00	44.14 -0.97 0.00	24.69 -0.24 0.00	23.56 -0.11 0.00	19.23 -0.26 0.00
NPX_GEN_1385_PROXY 323591	17.91 1.04 0.00	22.36 1.57 0.00	17.93 1.34 0.05	18.02 1.35 0.00	23.54 1.39 0.00	43.33 2.06 -15.67	48.02 2.98 -5.03	39.05 2.76 0.00	33.35 2.30 0.00	46.30 2.68 -9.22	43.82 2.77 -10.45	32.88 2.18 -7.72	118.72 2.25 -92.14	37.37 2.74 -7.62	35.58 3.16 -1.05	39.42 3.00 -8.09	89.41 4.69 -37.28	51.79 4.49 0.00	50.08 3.75 0.00	52.90 4.23 -5.82	73.29 4.77 -23.41	27.42 2.73 0.24	31.29 2.51 -5.12	25.61 2.11 -4.01
NPX_GEN_CSC 323557	17.68 0.81 0.00	21.83 1.05 0.00	17.65 1.07 0.05	17.68 1.01 0.00	22.97 0.81 0.00	26.88 1.28 0.00	41.90 1.89 0.00	38.14 1.85 0.00	32.77 1.71 0.00	35.61 1.21 0.00	32.22 1.39 -0.23	30.71 1.00 -6.72	82.79 1.04 -57.42	29.58 1.48 -1.08	33.53 2.17 0.00	30.70 2.37 0.00	51.13 3.69 0.00	50.75 3.45 0.00	49.31 2.98 0.00	46.12 3.27 0.00	49.15 4.04 0.00	27.08 2.39 0.24	31.19 2.41 -5.12	25.53 2.03 -4.01
NSINS_S_GLNS_FALLS 23858	17.67 0.80 0.00	21.75 0.96 0.00	17.42 0.79 0.00	17.46 0.78 0.00	23.33 1.17 0.00	27.08 1.48 0.00	42.39 2.38 0.00	38.60 2.31 0.00	33.10 2.04 0.00	36.65 2.26 0.00	32.66 2.00 -0.06	26.27 1.47 -1.82	41.54 1.43 -15.77	28.85 1.54 -0.30	33.23 1.87 0.00	30.08 1.75 0.00	50.67 3.22 0.00	50.59 3.29 0.00	49.58 3.25 0.00	45.77 2.92 0.00	48.03 2.92 0.00	26.59 1.61 -0.05	26.73 1.50 -1.55	20.83 1.15 -0.20
NUCOR_STEEL___DRP 24197	16.60 -0.27 0.00	20.42 -0.37 0.00	16.30 -0.37 -0.03	16.32 -0.35 0.00	21.71 -0.45 0.00	25.16 -0.44 0.00	39.43 -0.58 0.00	35.73 -0.57 0.00	30.53 -0.52 0.00	33.78 -0.61 0.00	30.00 -0.60 0.00	22.68 -0.30 0.00	24.12 -0.21 0.00	26.79 -0.22 0.00	30.94 -0.43 0.00	28.02 -0.32 0.00	47.18 -0.27 0.00	46.77 -0.53 0.00	45.95 -0.38 0.00	42.49 -0.37 0.00	44.72 -0.39 0.00	24.62 -0.32 0.00	23.39 -0.28 0.00	19.28 -0.20 0.00
NUMBER_THREE_WT_PWR 323818	17.32 0.45 0.00	21.24 0.45 0.00	16.92 0.29 0.00	16.98 0.31 0.00	22.54 0.38 0.00	26.31 0.71 0.00	40.71 0.70 0.00	36.45 0.16 0.00	30.93 -0.12 0.00	34.48 0.09 0.00	30.49 -0.11 0.00	23.16 0.17 0.00	24.47 0.14 0.00	27.26 0.25 0.00	31.46 0.10 0.00	28.38 0.04 0.00	47.40 -0.05 0.00	47.11 -0.18 0.00	45.90 -0.43 0.00	42.32 -0.53 0.00	44.41 -0.70 0.00	24.57 -0.36 0.00	23.34 -0.34 0.00	19.13 -0.35 0.00
NYISO_LBMP_REFERENCE 24008	16.87 0.00 0.00	20.79 0.00 0.00	16.64 0.00 0.00	16.67 0.00 0.00	22.16 0.00 0.00	25.60 0.00 0.00	40.01 0.00 0.00	36.29 0.00 0.00	31.05 0.00 0.00	34.39 0.00 0.00	30.60 0.00 0.00	22.98 0.00 0.00	24.34 0.00 0.00	27.01 0.00 0.00	31.36 0.00 0.00	28.34 0.00 0.00	47.45 0.00 0.00	47.30 0.00 0.00	46.33 0.00 0.00	42.85 0.00 0.00	45.11 0.00 0.00	24.93 0.00 0.00	23.67 0.00 0.00	19.49 0.00 0.00

NYPA_BRENTWD____GT 24164	17.86 0.99 0.00	22.05 1.27 0.00	17.75 1.11 0.00	17.72 1.05 0.00	23.20 1.04 0.00	27.11 1.52 0.00	42.27 2.25 0.00	38.48 2.18 0.00	33.07 2.01 0.00	36.36 1.96 0.00	33.00 2.18 -0.23	31.41 1.70 -6.72	83.45 1.70 -57.42	30.22 2.12 -1.08	33.91 2.55 0.00	30.80 2.47 0.00	51.19 3.74 0.00	50.85 3.56 0.00	49.50 3.17 0.00	46.11 3.26 0.00	49.08 3.97 0.00	27.50 2.40 -0.16	31.16 2.37 -5.12	25.48 1.99 -4.01
NYPA_GOWANUS____GT5 24156	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.42 2.08 0.00	50.79 3.35 0.00	51.04 3.74 0.00	49.88 3.55 0.00	46.20 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NYPA_GOWANUS____GT6 24157	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.78 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.89 -1.09	33.71 2.35 0.00	30.42 2.08 0.00	50.79 3.35 0.00	51.04 3.74 0.00	49.88 3.55 0.00	46.20 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65
NYPA_HARLEM__RVR__GT1 24160	17.69 0.82 0.00	21.76 0.97 0.00	17.41 0.77 0.00	17.36 0.69 0.00	23.00 0.84 0.00	26.83 1.24 0.00	42.07 2.06 0.00	38.28 1.99 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.81 1.99 -0.23	31.30 1.57 -6.75	83.52 1.53 -57.66	29.83 1.73 -1.09	33.50 2.14 0.00	30.23 1.89 0.00	50.51 3.06 0.00	50.80 3.50 0.00	49.64 3.31 0.00	45.97 3.12 0.00	48.47 3.36 0.00	27.01 1.92 -0.16	30.46 1.65 -5.13	21.48 1.34 -0.65
NYPA_HARLEM__RVR__GT2 24161	17.69 0.82 0.00	21.76 0.97 0.00	17.41 0.77 0.00	17.36 0.69 0.00	23.00 0.84 0.00	26.83 1.24 0.00	42.07 2.06 0.00	38.28 1.99 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.81 1.99 -0.23	31.30 1.57 -6.75	83.52 1.53 -57.66	29.83 1.73 -1.09	33.50 2.14 0.00	30.23 1.89 0.00	50.51 3.06 0.00	50.80 3.50 0.00	49.64 3.31 0.00	45.97 3.12 0.00	48.47 3.36 0.00	27.01 1.92 -0.16	30.46 1.65 -5.13	21.48 1.34 -0.65
NYPA_KENT____GT 24152	17.74 0.87 0.00	21.82 1.04 0.00	17.47 0.84 0.00	17.44 0.76 0.00	23.08 0.93 0.00	26.94 1.35 0.00	42.27 2.26 0.00	38.46 2.16 0.00	33.19 2.13 0.00	36.55 2.16 0.00	32.94 2.11 -0.23	31.41 1.68 -6.75	83.65 1.66 -57.66	29.97 1.87 -1.09	33.67 2.31 0.00	30.39 2.05 0.00	50.73 3.29 0.00	50.97 3.67 0.00	49.79 3.46 0.00	46.12 3.26 0.00	48.60 3.49 0.00	27.14 2.04 -0.16	30.57 1.76 -5.13	21.56 1.43 -0.65
NYPA_POUCH1____GT 24155	17.77 0.90 0.00	21.85 1.07 0.00	17.50 0.86 0.00	17.45 0.78 0.00	23.12 0.96 0.00	26.99 1.39 0.00	42.29 2.28 0.00	38.46 2.17 0.00	33.20 2.14 0.00	36.49 2.09 0.00	32.93 2.10 -0.23	31.40 1.67 -6.75	83.62 1.63 -57.66	29.94 1.84 -1.09	33.67 2.31 0.00	30.38 2.04 0.00	50.68 3.24 0.00	50.98 3.68 0.00	49.82 3.49 0.00	46.15 3.30 0.00	48.61 3.50 0.00	27.19 2.10 -0.16	30.62 1.81 -5.13	21.62 1.48 -0.65
NYPA_VERNON____GT2 24162	17.73 0.86 0.00	21.81 1.02 0.00	17.46 0.83 0.00	17.43 0.76 0.00	23.07 0.92 0.00	26.92 1.32 0.00	42.22 2.21 0.00	38.41 2.11 0.00	33.16 2.11 0.00	36.52 2.13 0.00	32.90 2.07 -0.23	31.39 1.66 -6.75	83.62 1.63 -57.66	29.94 1.84 -1.09	33.65 2.28 0.00	30.37 2.04 0.00	50.71 3.26 0.00	50.93 3.63 0.00	49.75 3.42 0.00	46.07 3.22 0.00	48.56 3.45 0.00	27.08 1.99 -0.16	30.52 1.72 -5.13	21.53 1.40 -0.65
NYPA_VERNON____GT3 24163	17.73 0.86 0.00	21.81 1.02 0.00	17.46 0.83 0.00	17.43 0.76 0.00	23.07 0.92 0.00	26.92 1.32 0.00	42.22 2.21 0.00	38.41 2.11 0.00	33.16 2.11 0.00	36.52 2.13 0.00	32.90 2.07 -0.23	31.39 1.66 -6.75	83.62 1.63 -57.66	29.94 1.84 -1.09	33.65 2.28 0.00	30.37 2.04 0.00	50.71 3.26 0.00	50.93 3.63 0.00	49.75 3.42 0.00	46.07 3.22 0.00	48.56 3.45 0.00	27.08 1.99 -0.16	30.52 1.72 -5.13	21.53 1.40 -0.65
NYPA__ASTORIA_CC1 323568	17.71 0.84 0.00	21.78 0.99 0.00	17.44 0.80 0.00	17.41 0.74 0.00	23.04 0.89 0.00	26.87 1.28 0.00	42.15 2.13 0.00	38.34 2.04 0.00	33.10 2.05 0.00	36.45 2.05 0.00	32.83 2.00 -0.23	31.33 1.60 -6.75	83.57 1.58 -57.66	29.88 1.78 -1.09	33.56 2.20 0.00	30.31 1.97 0.00	50.59 3.15 0.00	50.83 3.53 0.00	49.65 3.32 0.00	45.99 3.14 0.00	48.48 3.36 0.00	27.04 1.94 -0.16	30.47 1.67 -5.13	21.50 1.36 -0.65
NYPA__ASTORIA_CC2 323569	17.71 0.84 0.00	21.78 0.99 0.00	17.44 0.80 0.00	17.41 0.74 0.00	23.04 0.89 0.00	26.87 1.28 0.00	42.15 2.13 0.00	38.34 2.04 0.00	33.10 2.05 0.00	36.45 2.05 0.00	32.83 2.00 -0.23	31.33 1.60 -6.75	83.57 1.58 -57.66	29.88 1.78 -1.09	33.56 2.20 0.00	30.31 1.97 0.00	50.59 3.15 0.00	50.83 3.53 0.00	49.65 3.32 0.00	45.99 3.14 0.00	48.48 3.36 0.00	27.04 1.94 -0.16	30.47 1.67 -5.13	21.50 1.36 -0.65
NYPA__HOLTSVILL 23794	17.72 0.85 0.00	21.88 1.10 0.00	17.64 1.00 0.00	17.61 0.94 0.00	23.02 0.86 0.00	26.90 1.31 0.00	41.90 1.88 0.00	38.14 1.84 0.00	32.79 1.74 0.00	35.97 1.58 0.00	32.62 1.79 -0.23	31.11 1.41 -6.72	83.14 1.39 -57.42	29.91 1.81 -1.08	33.61 2.25 0.00	30.58 2.24 0.00	50.89 3.44 0.00	50.69 3.39 0.00	49.31 2.98 0.00	45.96 3.10 0.00	48.76 3.65 0.00	27.30 2.21 -0.16	31.02 2.24 -5.12	25.39 1.90 -4.01
NYPA__HELLGATE_GT1 24158	17.69 0.82 0.00	21.76 0.97 0.00	17.41 0.77 0.00	17.36 0.69 0.00	23.00 0.84 0.00	26.83 1.24 0.00	42.08 2.07 0.00	38.31 2.02 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.81 1.99 -0.23	31.30 1.57 -6.75	83.52 1.53 -57.66	29.83 1.73 -1.09	33.50 2.14 0.00	30.23 1.89 0.00	50.51 3.06 0.00	50.80 3.50 0.00	49.64 3.31 0.00	46.00 3.14 0.00	48.47 3.36 0.00	27.01 1.92 -0.16	30.46 1.65 -5.13	21.48 1.34 -0.65
NYPA__HELLGATE_GT2 24159	17.69 0.82 0.00	21.76 0.97 0.00	17.41 0.77 0.00	17.36 0.69 0.00	23.00 0.84 0.00	26.83 1.24 0.00	42.08 2.07 0.00	38.31 2.02 0.00	33.07 2.02 0.00	36.41 2.02 0.00	32.81 1.99 -0.23	31.30 1.57 -6.75	83.52 1.53 -57.66	29.83 1.73 -1.09	33.50 2.14 0.00	30.23 1.89 0.00	50.51 3.06 0.00	50.80 3.50 0.00	49.64 3.31 0.00	46.00 3.14 0.00	48.47 3.36 0.00	27.01 1.92 -0.16	30.46 1.65 -5.13	21.48 1.34 -0.65
NYS_BARGE__HYD 23848	15.34 -1.53 0.00	19.07 -1.71 0.00	14.82 -1.76 0.06	14.94 -1.73 0.00	19.91 -2.24 0.00	23.18 -2.42 0.00	35.97 -3.96 0.08	29.90 -3.88 2.52	27.92 -3.12 0.02	30.96 -3.44 0.00	27.48 -3.12 0.00	20.88 -2.10 0.00	22.18 -2.16 0.00	24.59 -2.42 0.00	28.21 -3.15 0.00	25.64 -2.70 0.00	43.64 -3.81 0.00	42.98 -4.32 0.00	42.59 -3.74 0.00	39.00 -3.85 0.00	40.86 -4.25 0.00	22.36 -2.57 0.00	21.29 -2.39 0.00	17.38 -2.10 0.00

OAK ORCHARD___HYD 24046	15.94 -0.93 0.00	19.72 -1.07 0.00	15.51 -1.08 0.04	15.60 -1.07 0.00	20.79 -1.37 0.00	24.19 -1.40 0.00	37.77 -2.24 0.00	34.04 -2.25 0.00	29.32 -1.73 0.00	32.52 -1.88 0.00	28.85 -1.75 0.00	21.82 -1.16 0.00	23.18 -1.16 0.00	25.69 -1.32 0.00	29.63 -1.74 0.00	26.86 -1.48 0.00	45.47 -1.98 0.00	45.06 -2.24 0.00	44.42 -1.91 0.00	40.82 -2.03 0.00	42.79 -2.32 0.00	23.48 -1.45 0.00	22.30 -1.37 0.00	18.30 -1.19 0.00
OAKDALE___35_KV_LOAD 356122	16.49 -0.38 0.00	20.33 -0.46 0.00	16.13 -0.46 0.05	16.22 -0.45 0.00	21.60 -0.55 0.00	25.08 -0.52 0.00	39.24 -0.77 0.00	35.53 -0.76 0.00	30.55 -0.50 0.00	33.84 -0.56 0.00	30.06 -0.54 0.00	22.59 -0.39 0.00	24.01 -0.33 0.00	26.68 -0.33 0.00	30.97 -0.39 0.00	27.92 -0.42 0.00	47.02 -0.43 0.00	46.56 -0.74 0.00	45.89 -0.44 0.00	42.27 -0.59 0.00	44.61 -0.50 0.00	24.52 -0.42 0.00	23.34 -0.33 0.00	19.16 -0.33 0.00
OCC_CHEM___DRP 24175	15.07 -1.80 0.00	18.74 -2.04 0.00	14.55 -2.03 0.06	14.67 -2.00 0.00	19.56 -2.60 0.00	22.81 -2.79 0.00	35.35 -4.58 0.08	29.01 -4.54 2.75	27.36 -3.66 0.03	30.35 -4.05 0.00	26.91 -3.70 0.00	20.46 -2.52 0.00	21.72 -2.61 0.00	24.12 -2.90 0.00	27.67 -3.69 0.00	25.15 -3.19 0.00	42.82 -4.63 0.00	42.11 -5.19 0.00	41.75 -4.58 0.00	38.23 -4.63 0.00	40.07 -5.04 0.00	21.95 -2.98 0.00	20.91 -2.76 0.00	17.07 -2.41 0.00
OH_GEN_PROXY 24063	15.23 -1.64 0.00	18.93 -1.85 0.00	14.67 -1.86 0.10	14.84 -1.83 0.00	19.78 -2.37 0.00	23.06 -2.54 0.00	35.78 -4.16 0.07	29.81 -4.17 2.32	27.74 -3.30 0.02	30.79 -3.60 0.00	27.32 -3.28 0.00	20.73 -2.25 0.00	22.03 -2.31 0.00	24.44 -2.57 0.00	28.09 -3.27 0.00	25.50 -2.84 0.00	43.39 -4.06 0.00	42.72 -4.58 0.00	42.35 -3.97 0.00	38.82 -4.03 0.00	40.70 -4.41 0.00	21.88 -2.65 0.40	21.24 -2.43 0.00	17.35 -2.14 0.00
OLIN_CORP_DRP 24177	15.13 -1.74 0.00	18.82 -1.96 0.00	14.62 -1.96 0.06	14.74 -1.93 0.00	19.64 -2.52 0.00	22.82 -2.77 0.00	35.35 -4.57 0.08	29.04 -4.47 2.78	27.39 -3.64 0.03	30.36 -4.04 0.00	26.94 -3.66 0.00	20.49 -2.49 0.00	21.75 -2.59 0.00	24.13 -2.88 0.00	27.68 -3.68 0.00	25.15 -3.19 0.00	42.83 -4.61 0.00	42.12 -5.18 0.00	41.76 -4.57 0.00	38.23 -4.62 0.00	40.07 -5.04 0.00	21.95 -2.98 0.00	20.91 -2.76 0.00	17.08 -2.41 0.00
OLIN_CORP_DSASP 323712	15.07 -1.80 0.00	18.74 -2.04 0.00	14.54 -2.03 0.06	14.67 -2.00 0.00	19.56 -2.60 0.00	22.81 -2.79 0.00	35.34 -4.59 0.08	29.01 -4.54 2.75	27.36 -3.67 0.03	30.35 -4.05 0.00	26.91 -3.69 0.00	20.46 -2.52 0.00	21.74 -2.60 0.00	24.12 -2.89 0.00	27.67 -3.69 0.00	25.15 -3.19 0.00	42.82 -4.62 0.00	42.11 -5.19 0.00	41.76 -4.57 0.00	38.24 -4.61 0.00	40.07 -5.04 0.00	21.95 -2.98 0.00	20.91 -2.76 0.00	17.08 -2.41 0.00
ONEIDA_HERK_LFGE 323681	17.24 0.37 0.00	21.18 0.40 0.00	16.92 0.28 0.00	16.97 0.30 0.00	22.57 0.41 0.00	26.24 0.64 0.00	40.90 0.89 0.00	36.88 0.59 0.00	31.51 0.45 0.00	34.99 0.59 0.00	31.04 0.43 0.00	23.44 0.46 0.00	24.80 0.46 0.00	27.59 0.58 0.00	31.96 0.59 0.00	28.87 0.53 0.00	48.30 0.85 0.00	48.07 0.77 0.00	46.96 0.63 0.00	43.34 0.49 0.00	45.56 0.45 0.00	25.15 0.22 0.00	23.86 0.19 0.00	19.60 0.11 0.00
ONEIDA___115KV_TB4 55905	17.13 0.26 0.00	21.07 0.29 0.00	16.83 0.20 0.00	16.90 0.23 0.00	22.53 0.37 0.00	26.15 0.56 0.00	40.95 0.94 0.00	37.06 0.77 0.00	31.77 0.72 0.00	35.17 0.77 0.00	31.28 0.68 0.00	23.56 0.58 0.00	24.97 0.64 0.00	27.79 0.78 0.00	32.23 0.87 0.00	29.12 0.78 0.00	48.80 1.35 0.00	48.48 1.18 0.00	47.41 1.09 0.00	43.73 0.87 0.00	45.99 0.88 0.00	25.35 0.42 0.00	24.06 0.39 0.00	19.78 0.29 0.00
ONONDAGA_REF_OCCRA 23987	16.58 -0.29 0.00	20.42 -0.36 0.00	16.32 -0.34 -0.02	16.34 -0.33 0.00	21.72 -0.43 0.00	25.16 -0.44 0.00	39.30 -0.71 0.00	35.60 -0.69 0.00	30.51 -0.54 0.00	33.77 -0.62 0.00	30.02 -0.58 0.00	22.61 -0.37 0.00	24.01 -0.33 0.00	26.66 -0.35 0.00	30.93 -0.43 0.00	27.94 -0.40 0.00	46.94 -0.51 0.00	46.73 -0.57 0.00	45.85 -0.48 0.00	42.29 -0.56 0.00	44.48 -0.63 0.00	24.51 -0.42 0.00	23.30 -0.38 0.00	19.21 -0.28 0.00
ONONDAGA___COGEN 23986	16.57 -0.30 0.00	20.40 -0.38 0.00	16.28 -0.35 0.00	16.33 -0.34 0.00	21.70 -0.45 0.00	25.13 -0.47 0.00	39.26 -0.75 0.00	35.55 -0.75 0.00	30.45 -0.60 0.00	33.71 -0.69 0.00	29.97 -0.64 0.00	22.57 -0.41 0.00	23.97 -0.37 0.00	26.62 -0.39 0.00	30.86 -0.50 0.00	27.89 -0.45 0.00	46.86 -0.59 0.00	46.64 -0.66 0.00	45.75 -0.57 0.00	42.22 -0.64 0.00	44.41 -0.70 0.00	24.48 -0.45 0.00	23.27 -0.40 0.00	19.20 -0.28 0.00
ONTARIO___LFGE 23819	16.29 -0.58 0.00	20.10 -0.69 0.00	15.84 -0.71 0.08	16.00 -0.67 0.00	21.32 -0.84 0.00	24.82 -0.77 0.00	38.93 -1.13 -0.05	36.93 -1.14 -1.79	30.17 -0.91 -0.02	33.29 -1.11 0.00	29.61 -0.99 0.00	22.29 -0.69 0.00	23.69 -0.64 0.00	26.34 -0.67 0.00	30.43 -0.94 0.00	27.46 -0.88 0.00	46.43 -1.02 0.00	46.25 -1.05 0.00	45.64 -0.69 0.00	41.91 -0.94 0.00	44.10 -1.01 0.00	24.25 -0.68 0.00	22.99 -0.68 0.00	18.86 -0.63 0.00
ORANGEVILLE_WT_PWR 323706	15.27 -1.60 0.00	18.94 -1.85 0.00	14.78 -1.76 0.09	14.91 -1.76 0.00	19.84 -2.31 0.00	23.15 -2.44 0.00	35.84 -3.83 0.35	20.98 -3.79 11.52	27.85 -3.11 0.10	31.02 -3.38 0.00	27.56 -3.04 0.00	20.86 -2.12 0.00	22.23 -2.11 0.00	24.63 -2.38 0.00	28.36 -2.99 0.01	25.66 -2.68 0.00	43.61 -3.84 0.00	42.84 -4.45 0.00	42.46 -3.87 0.00	38.89 -3.97 0.00	41.05 -4.06 0.00	22.49 -2.45 0.00	21.40 -2.27 0.00	17.54 -1.95 0.00
ORANGEVILLE___ESR 323794	15.27 -1.60 0.00	18.94 -1.85 0.00	14.78 -1.76 0.09	14.91 -1.76 0.00	19.84 -2.31 0.00	23.15 -2.44 0.00	35.84 -3.83 0.35	20.98 -3.79 11.52	27.85 -3.11 0.10	31.02 -3.38 0.00	27.56 -3.04 0.00	20.86 -2.12 0.00	22.23 -2.11 0.00	24.63 -2.38 0.00	28.36 -2.99 0.01	25.66 -2.68 0.00	43.61 -3.84 0.00	42.84 -4.45 0.00	42.46 -3.87 0.00	38.89 -3.97 0.00	41.05 -4.06 0.00	22.49 -2.45 0.00	21.40 -2.27 0.00	17.54 -1.95 0.00
OSWEGATCHIE___HYD 24044	17.65 0.78 0.00	21.68 0.89 0.00	17.28 0.65 0.00	17.35 0.68 0.00	23.10 0.94 0.00	26.90 1.30 0.00	41.92 1.91 0.00	37.70 1.41 0.00	32.21 1.16 0.00	35.92 1.53 0.00	31.66 1.06 0.00	23.81 0.83 0.00	24.99 0.65 0.00	27.84 0.82 0.00	32.19 0.83 0.00	29.05 0.71 0.00	48.43 0.98 0.00	48.20 0.90 0.00	46.96 0.63 0.00	43.31 0.45 0.00	45.35 0.24 0.00	25.10 0.17 0.00	23.80 0.13 0.00	19.49 0.00 0.00
OSWEGO___5 23606	16.34 -0.53 0.00	20.13 -0.66 0.00	16.08 -0.56 0.00	16.12 -0.56 0.00	21.41 -0.75 0.00	24.76 -0.84 0.00	38.61 -1.40 0.00	34.97 -1.32 0.00	29.97 -1.08 0.00	33.18 -1.21 0.00	29.51 -1.09 0.00	22.21 -0.77 0.00	23.57 -0.77 0.00	26.15 -0.86 0.00	30.32 -1.04 0.00	27.41 -0.93 0.00	45.99 -1.45 0.00	45.79 -1.51 0.00	44.90 -1.43 0.00	41.46 -1.40 0.00	43.62 -1.49 0.00	24.07 -0.86 0.00	22.89 -0.78 0.00	18.91 -0.58 0.00

OSWEGO___6 23613	16.34 -0.53 0.00	20.13 -0.66 0.00	16.08 -0.56 0.00	16.12 -0.56 0.00	21.41 -0.75 0.00	24.76 -0.84 0.00	38.61 -1.40 0.00	34.97 -1.32 0.00	29.97 -1.08 0.00	33.18 -1.21 0.00	29.51 -1.09 0.00	22.21 -0.77 0.00	23.57 -0.77 0.00	26.15 -0.86 0.00	30.32 -1.04 0.00	27.41 -0.93 0.00	45.99 -1.45 0.00	45.79 -1.51 0.00	44.90 -1.43 0.00	41.46 -1.40 0.00	43.62 -1.49 0.00	24.07 -0.86 0.00	22.89 -0.78 0.00	18.91 -0.58 0.00
OUTOKUMPU-AB___DRP 24206	15.42 -1.45 0.00	19.18 -1.61 0.00	14.90 -1.68 0.06	15.02 -1.65 0.00	20.02 -2.14 0.00	23.36 -2.24 0.00	36.28 -3.64 0.09	29.73 -3.65 2.92	28.16 -2.86 0.03	31.26 -3.13 0.00	27.75 -2.86 0.00	21.08 -1.90 0.00	22.37 -1.97 0.00	24.84 -2.17 0.00	28.51 -2.85 0.00	25.89 -2.45 0.00	44.07 -3.38 0.00	43.37 -3.93 0.00	43.00 -3.33 0.00	39.35 -3.50 0.00	41.27 -3.84 0.00	22.59 -2.34 0.00	21.50 -2.17 0.00	17.55 -1.93 0.00
OXBOW___BTM 323836	15.27 -1.60 0.00	18.99 -1.79 0.00	14.74 -1.83 0.06	14.87 -1.80 0.00	19.83 -2.33 0.00	23.13 -2.47 0.00	35.89 -4.04 0.09	29.44 -4.02 2.84	27.82 -3.21 0.03	30.87 -3.52 0.00	27.39 -3.21 0.00	20.82 -2.16 0.00	22.11 -2.23 0.00	24.53 -2.48 0.00	28.16 -3.20 0.00	25.58 -2.76 0.00	43.55 -3.90 0.00	42.85 -4.45 0.00	42.48 -3.84 0.00	38.90 -3.96 0.00	40.77 -4.34 0.00	22.32 -2.61 0.00	21.25 -2.42 0.00	17.35 -2.14 0.00
OXBOW____ 24026	15.27 -1.60 0.00	18.99 -1.79 0.00	14.75 -1.83 0.06	14.87 -1.80 0.00	19.82 -2.33 0.00	23.13 -2.47 0.00	35.89 -4.04 0.09	29.43 -4.03 2.84	27.82 -3.21 0.03	30.87 -3.52 0.00	27.39 -3.21 0.00	20.81 -2.17 0.00	22.10 -2.24 0.00	24.53 -2.48 0.00	28.16 -3.20 0.00	25.58 -2.76 0.00	43.55 -3.91 0.00	42.84 -4.46 0.00	42.48 -3.84 0.00	38.88 -3.97 0.00	40.76 -4.35 0.00	22.32 -2.62 0.00	21.24 -2.43 0.00	17.35 -2.14 0.00
OXY_CHEM_DSASP 323612	15.07 -1.80 0.00	18.74 -2.04 0.00	14.55 -2.03 0.06	14.67 -2.00 0.00	19.56 -2.60 0.00	22.81 -2.79 0.00	35.35 -4.58 0.08	29.01 -4.54 2.75	27.36 -3.66 0.03	30.35 -4.05 0.00	26.91 -3.70 0.00	20.46 -2.52 0.00	21.72 -2.61 0.00	24.12 -2.90 0.00	27.67 -3.69 0.00	25.15 -3.19 0.00	42.82 -4.63 0.00	42.11 -5.19 0.00	41.75 -4.58 0.00	38.23 -4.63 0.00	40.07 -5.04 0.00	21.95 -2.98 0.00	20.91 -2.76 0.00	17.07 -2.41 0.00
OZONE_PARK_ESR 323760	17.84 0.97 0.00	21.94 1.15 0.00	17.56 0.92 0.00	17.52 0.85 0.00	23.21 1.05 0.00	27.09 1.49 0.00	42.54 2.52 0.00	38.69 2.40 0.00	33.36 2.31 0.00	36.79 2.40 0.00	33.12 2.29 -0.23	31.56 1.83 -6.75	83.81 1.81 -57.66	30.14 2.04 -1.09	33.88 2.52 0.00	30.60 2.26 0.00	51.18 3.74 0.00	51.41 4.11 0.00	50.22 3.89 0.00	46.47 3.62 0.00	48.96 3.85 0.00	27.28 2.19 -0.16	30.72 1.91 -5.13	21.67 1.54 -0.65
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	15.07 -1.80 0.00	18.74 -2.04 0.00	14.55 -2.03 0.06	14.67 -2.00 0.00	19.56 -2.60 0.00	22.81 -2.79 0.00	35.35 -4.58 0.08	29.01 -4.54 2.75	27.36 -3.66 0.03	30.35 -4.05 0.00	26.91 -3.70 0.00	20.46 -2.52 0.00	21.72 -2.61 0.00	24.12 -2.90 0.00	27.67 -3.69 0.00	25.15 -3.19 0.00	42.82 -4.63 0.00	42.11 -5.19 0.00	41.75 -4.58 0.00	38.23 -4.63 0.00	40.07 -5.04 0.00	21.95 -2.98 0.00	20.91 -2.76 0.00	17.07 -2.41 0.00
PACKARD__115KV_DUPONT_184 80571	15.07 -1.80 0.00	18.74 -2.04 0.00	14.55 -2.03 0.06	14.67 -2.00 0.00	19.56 -2.60 0.00	22.81 -2.79 0.00	35.35 -4.58 0.08	29.01 -4.54 2.75	27.36 -3.66 0.03	30.35 -4.05 0.00	26.91 -3.70 0.00	20.46 -2.52 0.00	21.72 -2.61 0.00	24.12 -2.90 0.00	27.67 -3.69 0.00	25.15 -3.19 0.00	42.82 -4.63 0.00	42.11 -5.19 0.00	41.75 -4.58 0.00	38.23 -4.63 0.00	40.07 -5.04 0.00	21.95 -2.98 0.00	20.91 -2.76 0.00	17.07 -2.41 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	17.69 0.82 0.00	21.76 0.98 0.00	17.43 0.79 0.00	17.39 0.71 0.00	23.04 0.88 0.00	26.86 1.27 0.00	42.10 2.09 0.00	38.34 2.05 0.00	33.06 2.01 0.00	36.41 2.02 0.00	32.80 1.97 -0.23	31.27 1.54 -6.75	83.50 1.51 -57.66	29.81 1.71 -1.09	33.47 2.10 0.00	30.21 1.87 0.00	50.52 3.07 0.00	50.79 3.49 0.00	49.63 3.30 0.00	46.00 3.14 0.00	48.43 3.33 0.00	26.99 1.89 -0.16	30.43 1.63 -5.13	21.46 1.32 -0.65
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	17.71 0.84 0.00	21.79 1.01 0.00	17.43 0.80 0.00	17.39 0.72 0.00	23.05 0.90 0.00	26.90 1.30 0.00	42.11 2.10 0.00	38.43 2.14 0.00	33.16 2.11 0.00	36.44 2.04 0.00	32.82 1.99 -0.23	31.28 1.55 -6.75	83.50 1.51 -57.66	29.81 1.71 -1.09	33.47 2.11 0.00	30.21 1.87 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.69 3.36 0.00	46.02 3.16 0.00	48.44 3.33 0.00	26.99 1.89 -0.16	30.44 1.63 -5.13	21.46 1.32 -0.65
PATROON__115KV_TB1 80586	17.42 0.55 0.00	21.46 0.67 0.00	17.20 0.57 0.00	17.22 0.55 0.00	22.91 0.75 0.00	26.56 0.96 0.00	41.48 1.47 0.00	37.71 1.42 0.00	32.40 1.35 0.00	35.88 1.49 0.00	31.98 1.31 -0.06	25.92 1.04 -1.90	41.82 1.07 -16.42	28.48 1.16 -0.31	32.77 1.41 0.00	29.61 1.26 0.00	49.50 2.06 0.00	49.52 2.22 0.00	48.48 2.15 0.00	44.84 1.98 0.00	47.22 2.11 0.00	26.16 1.17 -0.05	26.31 1.02 -1.62	20.44 0.75 -0.20
PATTRSNVILLE___SOLAR 323815	17.39 0.52 0.00	21.42 0.64 0.00	17.15 0.52 0.00	17.19 0.52 0.00	22.87 0.72 0.00	26.48 0.88 0.00	41.45 1.43 0.00	37.63 1.34 0.00	32.26 1.21 0.00	35.67 1.27 0.00	31.74 1.08 -0.06	25.55 0.86 -1.71	39.99 0.87 -14.78	28.32 1.03 -0.28	32.62 1.26 0.00	29.48 1.14 0.00	49.40 1.95 0.00	49.35 2.05 0.00	48.33 2.00 0.00	44.66 1.81 0.00	46.97 1.86 0.00	26.01 1.03 -0.05	26.05 0.92 -1.46	20.40 0.73 -0.18
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	15.82 -1.05 0.00	19.60 -1.19 0.00	15.26 -1.30 0.07	15.37 -1.30 0.00	20.49 -1.67 0.00	23.91 -1.69 0.00	37.22 -2.71 0.09	30.54 -2.71 3.05	28.98 -2.05 0.03	32.19 -2.20 0.00	28.67 -1.94 0.00	21.72 -1.26 0.00	23.14 -1.20 0.00	25.66 -1.35 0.00	29.53 -1.83 0.00	26.70 -1.64 0.00	45.46 -1.99 0.00	44.70 -2.60 0.00	44.39 -1.94 0.00	40.64 -2.22 0.00	42.73 -2.38 0.00	23.35 -1.58 0.00	22.27 -1.41 0.00	18.19 -1.30 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	17.73 0.86 0.00	21.81 1.03 0.00	17.48 0.85 0.00	17.46 0.78 0.00	23.16 1.00 0.00	27.00 1.41 0.00	42.39 2.38 0.00	38.70 2.41 0.00	33.30 2.25 0.00	36.68 2.28 0.00	32.73 2.06 -0.06	26.48 1.58 -1.91	41.52 1.57 -15.61	29.07 1.76 -0.29	33.58 2.21 0.00	30.35 2.01 0.00	50.87 3.42 0.00	51.08 3.79 0.00	49.97 3.64 0.00	46.21 3.36 0.00	48.65 3.53 0.00	26.95 1.96 -0.05	26.97 1.71 -1.58	21.03 1.35 -0.20
PEEKSKILL____ 23653	17.59 0.72 0.00	21.64 0.86 0.00	17.33 0.70 0.00	17.30 0.63 0.00	22.92 0.77 0.00	26.72 1.12 0.00	41.93 1.92 0.00	38.12 1.83 0.00	32.80 1.75 0.00	36.20 1.81 0.00	32.56 1.72 -0.24	31.52 1.37 -7.17	86.91 1.31 -61.26	29.65 1.48 -1.16	33.24 1.87 0.00	30.02 1.68 0.00	50.27 2.82 0.00	50.49 3.19 0.00	49.36 3.03 0.00	45.68 2.83 0.00	48.13 3.02 0.00	26.81 1.70 -0.18	30.83 1.47 -5.69	21.38 1.18 -0.72

PGE MADISON___WINDPWR 24146	17.43 0.56 0.00	21.36 0.57 0.00	17.18 0.44 -0.10	17.20 0.52 0.00	23.01 0.85 0.00	26.54 0.95 0.00	41.80 1.77 -0.02	38.36 1.52 -0.54	32.31 1.26 0.00	35.64 1.24 0.00	31.35 0.78 0.04	22.45 0.51 1.04	16.34 0.97 8.97	27.97 1.12 0.17	32.69 1.33 0.00	29.49 1.15 0.00	49.72 2.27 0.00	49.60 2.30 0.00	48.68 2.35 0.00	44.67 1.81 0.00	46.87 1.76 0.00	25.68 0.78 0.03	23.43 0.63 0.87	19.82 0.45 0.11
PIERCEFIELD___HYD 23852	18.04 1.17 0.00	22.19 1.40 0.00	17.70 1.07 0.00	17.79 1.12 0.00	23.72 1.57 0.00	27.59 2.00 0.00	43.18 3.17 0.00	38.98 2.69 0.00	33.16 2.11 0.00	36.80 2.41 0.00	32.43 1.82 0.00	24.32 1.34 0.00	25.56 1.22 0.00	28.48 1.47 0.00	32.99 1.63 0.00	29.75 1.41 0.00	49.50 2.05 0.00	49.30 2.00 0.00	48.04 1.72 0.00	44.31 1.46 0.00	46.38 1.27 0.00	25.68 0.75 0.00	24.34 0.67 0.00	19.90 0.41 0.00
PINELAWN_CC_1 323563	17.77 0.90 0.00	21.94 1.15 0.00	17.65 1.01 0.00	17.61 0.94 0.00	23.09 0.94 0.00	26.98 1.39 0.00	42.07 2.06 0.00	38.33 2.04 0.00	32.96 1.90 0.00	36.25 1.85 0.00	32.90 2.07 -0.23	31.33 1.62 -6.72	83.34 1.59 -57.42	30.08 1.98 -1.08	33.56 2.19 0.00	30.42 2.08 0.00	50.55 3.10 0.00	50.30 3.00 0.00	49.01 2.68 0.00	45.83 2.98 0.00	48.92 3.81 0.00	27.36 2.26 -0.16	31.01 2.23 -5.12	25.35 1.85 -4.01
PJM_GEN_HTP_PROXY 323702	17.68 0.81 0.00	21.89 0.95 -0.15	17.41 0.77 0.00	17.37 0.70 0.00	23.01 0.85 0.00	26.92 1.25 -0.08	42.21 2.10 -0.10	38.64 1.99 -0.36	33.01 1.95 0.00	36.42 2.02 0.00	32.77 1.95 -0.23	31.30 1.57 -6.75	83.55 1.53 -57.68	35.67 1.73 -6.93	33.52 2.15 0.00	30.27 1.93 0.00	50.62 3.17 0.00	50.83 3.54 0.00	49.65 3.32 0.00	45.94 3.09 0.00	48.65 3.30 -0.24	26.99 1.89 -0.16	30.46 1.65 -5.14	21.47 1.33 -0.65
PJM_GEN_KEystone 24065	16.54 -0.33 0.00	20.78 -0.36 -0.36	16.15 -0.44 0.04	16.20 -0.47 0.00	21.54 -0.62 0.00	25.19 -0.48 -0.07	39.78 -0.63 -0.40	35.52 -0.64 0.13	30.70 -0.35 0.01	33.99 -0.40 0.00	29.85 -0.33 0.43	10.14 -0.16 12.68	-84.78 -0.19 108.93	30.60 -0.20 -3.79	31.14 -0.22 0.00	28.07 -0.26 0.00	47.39 -0.05 0.00	47.08 -0.22 0.00	46.42 0.09 0.00	42.81 -0.05 0.00	45.39 0.04 -0.24	24.62 -0.12 0.20	17.16 -0.09 6.42	18.52 -0.15 0.81
PJM_GEN_NEPTUNE_PROXY 323594	17.58 0.71 0.00	21.85 0.91 -0.15	17.42 0.79 0.00	17.39 0.72 0.00	22.87 0.72 0.00	26.77 1.10 -0.08	41.76 1.64 -0.10	38.26 1.62 -0.36	32.63 1.57 0.00	35.99 1.60 0.00	32.61 1.78 -0.23	31.12 1.42 -6.72	83.14 1.39 -57.42	35.67 1.73 -6.93	33.42 2.06 0.00	30.30 1.96 0.00	50.48 3.03 0.00	50.41 3.11 0.00	49.18 2.85 0.00	45.74 2.89 0.00	48.62 3.26 -0.24	27.04 1.95 -0.16	30.67 1.89 -5.12	23.57 1.58 -2.50
PJM_GEN_VFT_PROXY 323633	17.66 0.79 0.00	21.87 0.93 -0.15	17.38 0.75 0.00	17.34 0.67 0.00	22.97 0.81 0.00	26.89 1.22 -0.08	42.17 2.06 -0.10	38.58 1.93 -0.36	32.94 1.89 0.00	36.32 1.93 0.00	32.68 1.85 -0.23	31.24 1.51 -6.75	83.48 1.48 -57.66	35.63 1.69 -6.93	33.49 2.13 0.00	30.23 1.89 0.00	50.55 3.11 0.00	50.79 3.49 0.00	49.60 3.27 0.00	45.91 3.06 0.00	48.61 3.26 -0.24	26.98 1.88 -0.16	30.44 1.64 -5.13	21.46 1.32 -0.65
PLATSBURG_115KV_PMLD1 355749	17.32 0.45 0.00	21.29 0.50 0.00	17.16 0.52 0.00	17.24 0.57 0.00	23.08 0.92 0.00	26.65 1.06 0.00	41.65 1.63 0.00	37.88 1.58 0.00	32.06 1.01 0.00	35.76 1.36 0.00	31.92 1.32 0.00	23.94 0.96 0.00	25.05 0.72 0.00	27.74 0.73 0.00	32.21 0.85 0.00	28.75 0.41 0.00	47.59 0.14 0.00	46.38 -0.92 0.00	45.13 -1.19 0.00	41.76 -1.09 0.00	43.72 -1.39 0.00	24.58 -0.35 0.00	23.63 -0.05 0.00	19.30 -0.19 0.00
PLEASANTVLY___LBMP 24000	17.50 0.64 0.00	21.53 0.75 0.00	17.26 0.63 0.00	17.24 0.57 0.00	22.87 0.72 0.00	26.62 1.03 0.00	41.73 1.72 0.00	37.95 1.66 0.00	32.67 1.62 0.00	36.06 1.67 0.00	32.34 1.58 -0.15	28.60 1.26 -4.36	62.79 1.23 -37.22	29.08 1.36 -0.70	33.08 1.72 0.00	29.89 1.55 0.00	50.03 2.58 0.00	50.20 2.90 0.00	49.09 2.76 0.00	45.42 2.57 0.00	47.85 2.74 0.00	26.60 1.55 -0.11	28.70 1.36 -3.68	21.03 1.07 -0.47
PLSNTVLE_13_KV_13.8KVDIST 80602	17.63 0.76 0.00	21.69 0.90 0.00	17.37 0.74 0.00	17.35 0.67 0.00	22.99 0.83 0.00	26.80 1.20 0.00	42.03 2.02 0.00	38.24 1.95 0.00	32.92 1.87 0.00	36.33 1.94 0.00	32.65 1.85 -0.20	30.43 1.46 -5.99	76.90 1.43 -51.13	29.58 1.61 -0.96	33.37 2.01 0.00	30.16 1.82 0.00	50.47 3.03 0.00	50.67 3.37 0.00	49.52 3.19 0.00	45.82 2.97 0.00	48.28 3.18 0.00	26.87 1.79 -0.15	29.89 1.56 -4.66	21.32 1.24 -0.59
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	17.63 0.76 0.00	21.69 0.90 0.00	17.37 0.74 0.00	17.35 0.67 0.00	22.99 0.83 0.00	26.80 1.20 0.00	42.03 2.02 0.00	38.24 1.95 0.00	32.92 1.87 0.00	36.33 1.94 0.00	32.65 1.85 -0.20	30.43 1.46 -5.99	76.90 1.43 -51.13	29.58 1.61 -0.96	33.37 2.01 0.00	30.16 1.82 0.00	50.47 3.03 0.00	50.67 3.37 0.00	49.52 3.19 0.00	45.82 2.97 0.00	48.28 3.18 0.00	26.87 1.79 -0.15	29.89 1.56 -4.66	21.32 1.24 -0.59
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	17.61 0.74 0.00	21.66 0.88 0.00	17.37 0.73 0.00	17.35 0.68 0.00	23.02 0.87 0.00	26.81 1.22 0.00	42.07 2.06 0.00	38.29 1.99 0.00	32.93 1.87 0.00	36.32 1.93 0.00	32.35 1.75 0.00	24.53 1.35 -0.20	33.03 1.32 -7.37	28.64 1.49 -0.14	33.26 1.90 0.00	30.10 1.76 0.00	50.48 3.03 0.00	50.66 3.36 0.00	49.55 3.22 0.00	45.81 2.96 0.00	48.24 3.13 0.00	26.66 1.73 0.00	25.18 1.51 0.00	20.67 1.18 0.00
POLETTI___ 23519	17.68 0.81 0.00	21.74 0.95 0.00	17.41 0.77 0.00	17.37 0.70 0.00	23.00 0.84 0.00	26.83 1.23 0.00	42.09 2.08 0.00	38.27 1.98 0.00	33.00 1.94 0.00	36.40 2.01 0.00	32.76 1.93 -0.23	31.30 1.57 -6.75	83.53 1.53 -57.66	29.83 1.73 -1.09	33.52 2.16 0.00	30.26 1.92 0.00	50.60 3.15 0.00	50.82 3.52 0.00	49.64 3.31 0.00	45.94 3.08 0.00	48.39 3.28 0.00	26.99 1.90 -0.16	30.46 1.65 -5.13	21.48 1.34 -0.65
POMONA___ESR 323819	17.59 0.72 0.00	21.66 0.87 0.00	17.33 0.70 0.00	17.29 0.62 0.00	22.92 0.76 0.00	26.72 1.12 0.00	41.96 1.95 0.00	38.13 1.84 0.00	32.80 1.74 0.00	36.20 1.80 0.00	31.63 1.70 0.67	4.49 1.35 19.83	-144.93 1.28 170.55	25.24 1.45 3.22	33.21 1.85 0.00	29.99 1.65 0.00	50.26 2.81 0.00	50.48 3.18 0.00	49.36 3.03 0.00	45.69 2.84 0.00	48.12 3.01 0.00	25.83 1.68 0.79	0.00 1.45 25.12	17.46 1.16 3.18
PORT_JEFF_3 23555	17.78 0.91 0.00	21.95 1.16 0.00	17.69 1.06 0.00	17.67 1.00 0.00	23.09 0.93 0.00	26.99 1.39 0.00	42.05 2.03 0.00	38.28 1.99 0.00	32.91 1.85 0.00	36.08 1.69 0.00	32.73 1.90 -0.23	31.18 1.48 -6.72	83.21 1.45 -57.42	29.99 1.90 -1.08	33.72 2.36 0.00	30.69 2.36 0.00	51.09 3.65 0.00	50.93 3.63 0.00	49.55 3.22 0.00	46.17 3.32 0.00	48.99 3.88 0.00	27.41 2.31 -0.16	31.11 2.33 -5.12	25.46 1.97 -4.01

PORT_JEFF_4 23616	17.78 0.91 0.00	21.95 1.16 0.00	17.69 1.06 0.00	17.67 1.00 0.00	23.09 0.93 0.00	26.99 1.39 0.00	42.05 2.03 0.00	38.28 1.99 0.00	32.91 1.85 0.00	36.08 1.69 0.00	32.73 1.90 -0.23	31.18 1.48 -6.72	83.21 1.45 -57.42	29.99 1.90 -1.08	33.72 2.36 0.00	30.69 2.36 0.00	51.09 3.65 0.00	50.93 3.63 0.00	49.55 3.22 0.00	46.17 3.32 0.00	48.99 3.88 0.00	27.41 2.31 -0.16	31.11 2.33 -5.12	25.46 1.97 -4.01
PORT_JEFF_IC 23713	17.78 0.91 0.00	21.94 1.16 0.00	17.70 1.06 0.00	17.67 1.00 0.00	23.09 0.93 0.00	26.99 1.39 0.00	42.05 2.04 0.00	38.29 2.00 0.00	32.90 1.85 0.00	36.07 1.67 0.00	32.71 1.88 -0.23	31.17 1.47 -6.72	83.19 1.44 -57.42	29.97 1.88 -1.08	33.72 2.36 0.00	30.71 2.37 0.00	51.13 3.68 0.00	50.95 3.65 0.00	49.58 3.25 0.00	46.21 3.36 0.00	49.03 3.92 0.00	27.43 2.34 -0.16	31.13 2.34 -5.12	25.47 1.97 -4.01
PPL_PILGRIM_ST_GT1 24216	17.86 0.99 0.00	22.05 1.27 0.00	17.75 1.11 0.00	17.72 1.05 0.00	23.20 1.04 0.00	27.11 1.52 0.00	42.27 2.25 0.00	38.48 2.18 0.00	33.07 2.01 0.00	36.36 1.96 0.00	33.00 2.18 -0.23	31.41 1.70 -6.72	83.45 1.70 -57.42	30.22 2.12 -1.08	33.91 2.55 0.00	30.80 2.47 0.00	51.19 3.74 0.00	50.85 3.56 0.00	49.50 3.17 0.00	46.11 3.26 0.00	49.08 3.97 0.00	27.50 2.40 -0.16	31.16 2.37 -5.12	25.48 1.99 -4.01
PPL_PILGRIM_ST_GT2 24217	17.86 0.99 0.00	22.05 1.27 0.00	17.75 1.11 0.00	17.72 1.05 0.00	23.20 1.04 0.00	27.11 1.52 0.00	42.27 2.25 0.00	38.48 2.18 0.00	33.07 2.01 0.00	36.36 1.96 0.00	33.00 2.18 -0.23	31.41 1.70 -6.72	83.45 1.70 -57.42	30.22 2.12 -1.08	33.91 2.55 0.00	30.80 2.47 0.00	51.19 3.74 0.00	50.85 3.56 0.00	49.50 3.17 0.00	46.11 3.26 0.00	49.08 3.97 0.00	27.50 2.40 -0.16	31.16 2.37 -5.12	25.48 1.99 -4.01
PPL_SHRM_GT3 24213	17.70 0.82 0.00	21.84 1.06 0.00	17.70 1.07 0.00	17.68 1.01 0.00	22.99 0.83 0.00	26.90 1.30 0.00	41.93 1.91 0.00	38.17 1.87 0.00	32.79 1.74 0.00	35.66 1.26 0.00	32.26 1.43 -0.23	30.75 1.04 -6.72	82.81 1.06 -57.42	29.61 1.52 -1.08	33.54 2.18 0.00	30.70 2.37 0.00	51.14 3.69 0.00	50.79 3.49 0.00	49.35 3.02 0.00	46.14 3.29 0.00	49.14 4.03 0.00	27.49 2.39 -0.16	31.20 2.41 -5.12	25.53 2.04 -4.01
PPL_SHRM_GT4 24214	17.70 0.82 0.00	21.84 1.06 0.00	17.70 1.07 0.00	17.68 1.01 0.00	22.99 0.83 0.00	26.90 1.30 0.00	41.93 1.91 0.00	38.17 1.87 0.00	32.79 1.74 0.00	35.66 1.26 0.00	32.26 1.43 -0.23	30.75 1.04 -6.72	82.81 1.06 -57.42	29.61 1.52 -1.08	33.54 2.18 0.00	30.70 2.37 0.00	51.14 3.69 0.00	50.79 3.49 0.00	49.35 3.02 0.00	46.14 3.29 0.00	49.14 4.03 0.00	27.49 2.39 -0.16	31.20 2.41 -5.12	25.53 2.04 -4.01
PROJECT___ORANGE 1 24174	16.49 -0.38 0.00	20.31 -0.47 0.00	16.21 -0.42 0.00	16.25 -0.42 0.00	21.59 -0.56 0.00	25.01 -0.58 0.00	39.03 -0.98 0.00	35.35 -0.94 0.00	30.31 -0.74 0.00	33.57 -0.82 0.00	29.85 -0.75 0.00	22.48 -0.50 0.00	23.87 -0.47 0.00	26.49 -0.52 0.00	30.73 -0.63 0.00	27.76 -0.58 0.00	46.63 -0.82 0.00	46.42 -0.88 0.00	45.52 -0.80 0.00	42.00 -0.86 0.00	44.16 -0.94 0.00	24.35 -0.59 0.00	23.14 -0.53 0.00	19.10 -0.39 0.00
PROJECT___ORANGE 2 24166	16.49 -0.38 0.00	20.31 -0.47 0.00	16.21 -0.42 0.00	16.25 -0.42 0.00	21.59 -0.56 0.00	25.01 -0.58 0.00	39.03 -0.98 0.00	35.35 -0.94 0.00	30.31 -0.74 0.00	33.57 -0.82 0.00	29.85 -0.75 0.00	22.48 -0.50 0.00	23.87 -0.47 0.00	26.49 -0.52 0.00	30.73 -0.63 0.00	27.76 -0.58 0.00	46.63 -0.82 0.00	46.42 -0.88 0.00	45.52 -0.80 0.00	42.00 -0.86 0.00	44.16 -0.94 0.00	24.35 -0.59 0.00	23.14 -0.53 0.00	19.10 -0.39 0.00
PUCKETT___SOLAR 323809	16.71 -0.16 0.00	20.55 -0.23 0.00	16.37 -0.25 0.01	16.44 -0.23 0.00	21.94 -0.22 0.00	25.45 -0.14 0.00	39.84 -0.17 0.00	36.09 -0.20 0.00	30.95 -0.10 0.00	34.13 -0.26 0.00	30.26 -0.34 0.00	22.68 -0.30 0.00	24.17 -0.17 0.00	26.97 -0.05 0.00	31.36 0.00 0.00	28.28 -0.06 0.00	47.59 0.15 0.00	47.31 0.02 0.00	46.55 0.22 0.00	42.83 -0.02 0.00	45.16 0.05 0.00	24.81 -0.12 0.00	23.58 -0.09 0.00	19.35 -0.14 0.00
PYRITES___HYD 24023	18.48 1.61 0.00	22.76 1.98 0.00	18.14 1.51 0.00	18.24 1.57 0.00	24.34 2.19 0.00	28.34 2.75 0.00	44.53 4.51 0.00	40.25 3.96 0.00	34.17 3.12 0.00	37.85 3.45 0.00	33.24 2.64 0.00	24.93 1.95 0.00	26.23 1.89 0.00	29.27 2.26 0.00	33.94 2.58 0.00	30.65 2.31 0.00	50.95 3.51 0.00	50.93 3.64 0.00	49.65 3.32 0.00	45.77 2.91 0.00	47.85 2.74 0.00	26.43 1.49 0.00	25.00 1.33 0.00	20.40 0.92 0.00
QUAKERRD_115KV_BK1 80622	15.74 -1.13 0.00	19.45 -1.34 0.00	15.35 -1.25 0.03	15.44 -1.23 0.00	20.56 -1.60 0.00	23.89 -1.71 0.00	37.31 -2.70 0.00	33.65 -2.64 0.00	28.97 -2.08 0.00	32.12 -2.28 0.00	28.52 -2.08 0.00	21.54 -1.44 0.00	22.88 -1.46 0.00	25.38 -1.64 0.00	29.28 -2.08 0.00	26.54 -1.80 0.00	44.84 -2.61 0.00	44.49 -2.81 0.00	43.79 -2.54 0.00	40.27 -2.58 0.00	42.23 -2.88 0.00	23.21 -1.72 0.00	22.04 -1.63 0.00	18.11 -1.38 0.00
QUENSBRY_115KV_TB8 356137	17.65 0.78 0.00	21.72 0.94 0.00	17.41 0.77 0.00	17.44 0.76 0.00	23.32 1.16 0.00	27.08 1.48 0.00	42.40 2.39 0.00	38.63 2.34 0.00	33.12 2.06 0.00	36.67 2.28 0.00	32.70 2.03 -0.06	26.27 1.48 -1.82	41.51 1.44 -15.74	28.84 1.54 -0.30	33.22 1.86 0.00	30.10 1.76 0.00	50.73 3.28 0.00	50.63 3.33 0.00	49.63 3.30 0.00	45.80 2.95 0.00	48.04 2.93 0.00	26.60 1.61 -0.05	26.73 1.51 -1.55	20.84 1.15 -0.20
RAMAPO___LBMP 323565	17.54 0.67 0.00	21.59 0.81 0.00	17.28 0.65 0.00	17.24 0.57 0.00	22.85 0.69 0.00	26.63 1.04 0.00	41.83 1.82 0.00	38.02 1.72 0.00	32.67 1.62 0.00	36.06 1.67 0.00	31.52 1.57 0.66	4.75 1.25 19.48	-141.99 1.18 167.51	25.17 1.32 3.16	33.06 1.70 0.00	29.87 1.53 0.00	50.04 2.59 0.00	50.28 2.98 0.00	49.17 2.84 0.00	45.52 2.67 0.00	47.94 2.83 0.00	26.00 1.57 0.51	8.68 1.36 16.34	18.50 1.08 2.07
RANKINE____ 23646	15.55 -1.32 0.00	19.30 -1.49 0.00	15.01 -1.55 0.07	15.14 -1.54 0.00	20.16 -1.99 0.00	23.54 -2.05 0.00	36.60 -3.30 0.11	29.43 -3.32 3.54	28.44 -2.58 0.03	31.59 -2.80 0.00	28.06 -2.54 0.00	21.28 -1.70 0.00	22.63 -1.71 0.00	25.12 -1.89 0.00	28.89 -2.47 0.00	26.15 -2.19 0.00	44.55 -2.90 0.00	43.81 -3.49 0.00	43.47 -2.86 0.00	39.79 -3.07 0.00	41.82 -3.30 0.00	22.86 -2.08 0.00	21.78 -1.89 0.00	17.79 -1.70 0.00
RAVENSWOOD_GT2_1 24244	17.71 0.84 0.00	21.78 0.99 0.00	17.44 0.80 0.00	17.41 0.74 0.00	23.05 0.90 0.00	26.89 1.29 0.00	42.18 2.17 0.00	38.37 2.07 0.00	33.07 2.02 0.00	36.48 2.09 0.00	32.84 2.01 -0.23	31.34 1.61 -6.75	83.57 1.58 -57.66	29.89 1.79 -1.09	33.58 2.22 0.00	30.33 1.99 0.00	50.70 3.25 0.00	50.91 3.61 0.00	49.74 3.41 0.00	46.03 3.17 0.00	48.50 3.39 0.00	27.04 1.94 -0.16	30.50 1.70 -5.13	21.50 1.37 -0.65

RAVENSWOOD_GT2_2 24245	17.71 0.84 0.00	21.78 0.99 0.00	17.44 0.80 0.00	17.41 0.74 0.00	23.05 0.90 0.00	26.89 1.29 0.00	42.18 2.17 0.00	38.37 2.07 0.00	33.07 2.02 0.00	36.48 2.09 0.00	32.84 2.01 -0.23	31.34 1.61 -6.75	83.57 1.58 -57.66	29.89 1.79 -1.09	33.58 2.22 0.00	30.33 1.99 0.00	50.70 3.25 0.00	50.91 3.61 0.00	49.74 3.41 0.00	46.03 3.17 0.00	48.50 3.39 0.00	27.04 1.94 -0.16	30.50 1.70 -5.13	21.50 1.37 -0.65
RAVENSWOOD_GT2_3 24246	17.71 0.84 0.00	21.79 1.00 0.00	17.45 0.81 0.00	17.41 0.74 0.00	23.06 0.90 0.00	26.90 1.30 0.00	42.21 2.20 0.00	38.38 2.09 0.00	33.09 2.04 0.00	36.50 2.11 0.00	32.85 2.02 -0.23	31.35 1.62 -6.75	83.58 1.59 -57.66	29.90 1.79 -1.09	33.60 2.24 0.00	30.34 2.00 0.00	50.73 3.28 0.00	50.94 3.64 0.00	49.75 3.43 0.00	46.06 3.21 0.00	48.52 3.41 0.00	27.05 1.96 -0.16	30.51 1.70 -5.13	21.51 1.37 -0.65
RAVENSWOOD_GT2_4 24247	17.71 0.84 0.00	21.79 1.00 0.00	17.45 0.81 0.00	17.41 0.74 0.00	23.06 0.90 0.00	26.90 1.30 0.00	42.21 2.20 0.00	38.38 2.09 0.00	33.09 2.04 0.00	36.50 2.11 0.00	32.85 2.02 -0.23	31.35 1.62 -6.75	83.58 1.59 -57.66	29.90 1.79 -1.09	33.60 2.24 0.00	30.34 2.00 0.00	50.73 3.28 0.00	50.94 3.64 0.00	49.75 3.43 0.00	46.06 3.21 0.00	48.52 3.41 0.00	27.05 1.96 -0.16	30.51 1.70 -5.13	21.51 1.37 -0.65
RAVENSWOOD_GT3_1 24248	17.71 0.84 0.00	21.78 0.99 0.00	17.44 0.81 0.00	17.41 0.74 0.00	23.05 0.90 0.00	26.89 1.29 0.00	42.19 2.18 0.00	38.37 2.07 0.00	33.07 2.02 0.00	36.49 2.09 0.00	32.84 2.01 -0.23	31.34 1.61 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.58 2.22 0.00	30.33 1.99 0.00	50.71 3.26 0.00	50.92 3.62 0.00	49.74 3.41 0.00	46.03 3.18 0.00	48.50 3.40 0.00	27.04 1.95 -0.16	30.50 1.70 -5.13	21.51 1.37 -0.65
RAVENSWOOD_GT3_2 24249	17.71 0.84 0.00	21.78 0.99 0.00	17.44 0.81 0.00	17.41 0.74 0.00	23.05 0.90 0.00	26.89 1.29 0.00	42.19 2.18 0.00	38.37 2.07 0.00	33.07 2.02 0.00	36.49 2.09 0.00	32.84 2.01 -0.23	31.34 1.61 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.58 2.22 0.00	30.33 1.99 0.00	50.71 3.26 0.00	50.92 3.62 0.00	49.74 3.41 0.00	46.03 3.18 0.00	48.50 3.40 0.00	27.04 1.95 -0.16	30.50 1.70 -5.13	21.51 1.37 -0.65
RAVENSWOOD_GT3_3 24250	17.73 0.86 0.00	21.81 1.02 0.00	17.46 0.83 0.00	17.42 0.75 0.00	23.08 0.92 0.00	26.92 1.33 0.00	42.25 2.24 0.00	38.42 2.12 0.00	33.13 2.07 0.00	36.54 2.15 0.00	32.89 2.06 -0.23	31.38 1.65 -6.75	83.61 1.62 -57.66	29.93 1.83 -1.09	33.64 2.28 0.00	30.37 2.03 0.00	50.79 3.34 0.00	51.00 3.70 0.00	49.81 3.48 0.00	46.11 3.25 0.00	48.57 3.46 0.00	27.07 1.98 -0.16	30.53 1.73 -5.13	21.53 1.39 -0.65
RAVENSWOOD_GT3_4 24251	17.73 0.86 0.00	21.81 1.02 0.00	17.46 0.83 0.00	17.42 0.75 0.00	23.08 0.92 0.00	26.92 1.33 0.00	42.25 2.24 0.00	38.42 2.12 0.00	33.13 2.07 0.00	36.54 2.15 0.00	32.89 2.06 -0.23	31.38 1.65 -6.75	83.61 1.62 -57.66	29.93 1.83 -1.09	33.64 2.28 0.00	30.37 2.03 0.00	50.79 3.34 0.00	51.00 3.70 0.00	49.81 3.48 0.00	46.11 3.25 0.00	48.57 3.46 0.00	27.07 1.98 -0.16	30.53 1.73 -5.13	21.53 1.39 -0.65
RAVENSWOOD_GT_1 23729	17.73 0.86 0.00	21.81 1.02 0.00	17.46 0.83 0.00	17.43 0.76 0.00	23.07 0.92 0.00	26.92 1.32 0.00	42.23 2.21 0.00	38.41 2.12 0.00	33.16 2.11 0.00	36.52 2.13 0.00	32.91 2.08 -0.23	31.39 1.66 -6.75	83.62 1.63 -57.66	29.94 1.84 -1.09	33.64 2.28 0.00	30.37 2.04 0.00	50.72 3.27 0.00	50.94 3.64 0.00	49.75 3.42 0.00	46.08 3.22 0.00	48.56 3.45 0.00	27.08 1.99 -0.16	30.52 1.72 -5.13	21.54 1.40 -0.65
RAVENSWOOD_GT_10 24258	17.71 0.84 0.00	21.78 0.99 0.00	17.44 0.81 0.00	17.41 0.74 0.00	23.05 0.90 0.00	26.89 1.29 0.00	42.19 2.18 0.00	38.37 2.07 0.00	33.07 2.02 0.00	36.49 2.09 0.00	32.84 2.01 -0.23	31.34 1.61 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.58 2.22 0.00	30.33 1.99 0.00	50.71 3.26 0.00	50.92 3.62 0.00	49.74 3.41 0.00	46.03 3.18 0.00	48.50 3.39 0.00	27.04 1.95 -0.16	30.50 1.70 -5.13	21.51 1.37 -0.65
RAVENSWOOD_GT_11 24259	17.71 0.84 0.00	21.78 0.99 0.00	17.44 0.81 0.00	17.41 0.74 0.00	23.05 0.90 0.00	26.89 1.29 0.00	42.19 2.18 0.00	38.37 2.07 0.00	33.07 2.02 0.00	36.49 2.09 0.00	32.84 2.01 -0.23	31.34 1.61 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.58 2.22 0.00	30.33 1.99 0.00	50.71 3.26 0.00	50.92 3.62 0.00	49.74 3.41 0.00	46.03 3.18 0.00	48.50 3.39 0.00	27.04 1.95 -0.16	30.50 1.70 -5.13	21.51 1.37 -0.65
RAVENSWOOD_GT_4 24252	17.71 0.84 0.00	21.78 1.00 0.00	17.45 0.81 0.00	17.41 0.74 0.00	23.06 0.90 0.00	26.90 1.30 0.00	42.20 2.19 0.00	38.37 2.08 0.00	33.07 2.02 0.00	36.50 2.10 0.00	32.84 2.01 -0.23	31.35 1.62 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.59 2.23 0.00	30.33 1.99 0.00	50.73 3.28 0.00	50.93 3.63 0.00	49.74 3.41 0.00	46.05 3.19 0.00	48.51 3.40 0.00	27.04 1.95 -0.16	30.51 1.70 -5.13	21.51 1.37 -0.65
RAVENSWOOD_GT_5 24254	17.71 0.84 0.00	21.78 1.00 0.00	17.45 0.81 0.00	17.41 0.74 0.00	23.06 0.90 0.00	26.90 1.30 0.00	42.20 2.19 0.00	38.37 2.08 0.00	33.07 2.02 0.00	36.50 2.10 0.00	32.84 2.01 -0.23	31.35 1.62 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.59 2.23 0.00	30.33 1.99 0.00	50.73 3.28 0.00	50.93 3.63 0.00	49.74 3.41 0.00	46.05 3.19 0.00	48.51 3.40 0.00	27.04 1.95 -0.16	30.51 1.70 -5.13	21.51 1.37 -0.65
RAVENSWOOD_GT_6 24253	17.71 0.84 0.00	21.78 1.00 0.00	17.45 0.81 0.00	17.41 0.74 0.00	23.06 0.90 0.00	26.90 1.30 0.00	42.20 2.19 0.00	38.37 2.08 0.00	33.07 2.02 0.00	36.50 2.10 0.00	32.84 2.01 -0.23	31.35 1.62 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.59 2.23 0.00	30.33 1.99 0.00	50.73 3.28 0.00	50.93 3.63 0.00	49.74 3.41 0.00	46.05 3.19 0.00	48.51 3.40 0.00	27.04 1.95 -0.16	30.51 1.70 -5.13	21.51 1.37 -0.65
RAVENSWOOD_GT_7 24255	17.71 0.84 0.00	21.78 1.00 0.00	17.45 0.81 0.00	17.41 0.74 0.00	23.06 0.90 0.00	26.90 1.30 0.00	42.20 2.19 0.00	38.37 2.08 0.00	33.07 2.02 0.00	36.50 2.10 0.00	32.84 2.01 -0.23	31.35 1.62 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.59 2.23 0.00	30.33 1.99 0.00	50.73 3.28 0.00	50.93 3.63 0.00	49.74 3.41 0.00	46.05 3.19 0.00	48.51 3.40 0.00	27.04 1.95 -0.16	30.51 1.70 -5.13	21.51 1.37 -0.65
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	17.71 0.84 0.00	21.78 0.99 0.00	17.44 0.81 0.00	17.41 0.74 0.00	23.05 0.90 0.00	26.89 1.29 0.00	42.19 2.18 0.00	38.37 2.07 0.00	33.07 2.02 0.00	36.49 2.09 0.00	32.84 2.01 -0.23	31.34 1.61 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.58 2.22 0.00	30.33 1.99 0.00	50.71 3.26 0.00	50.92 3.62 0.00	49.74 3.41 0.00	46.03 3.18 0.00	48.50 3.39 0.00	27.04 1.95 -0.16	30.50 1.70 -5.13	21.51 1.37 -0.65

RAVENSWOOD_GT_9 24257	17.71 0.84 0.00	21.78 0.99 0.00	17.44 0.81 0.00	17.41 0.74 0.00	23.05 0.90 0.00	26.89 1.29 0.00	42.19 2.18 0.00	38.37 2.07 0.00	33.07 2.02 0.00	36.49 2.09 0.00	32.84 2.01 -0.23	31.34 1.61 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.58 2.22 0.00	30.33 1.99 0.00	50.71 3.26 0.00	50.92 3.62 0.00	49.74 3.41 0.00	46.03 3.18 0.00	48.50 3.39 0.00	27.04 1.95 -0.16	30.50 1.70 -5.13	21.51 1.37 -0.65
RAVENSWOOD___1 23533	17.71 0.84 0.00	21.78 0.99 0.00	17.43 0.80 0.00	17.40 0.73 0.00	23.04 0.89 0.00	26.88 1.28 0.00	42.18 2.16 0.00	38.37 2.07 0.00	33.11 2.05 0.00	36.47 2.08 0.00	32.85 2.02 -0.23	31.35 1.62 -6.75	83.58 1.59 -57.66	29.90 1.80 -1.09	33.59 2.23 0.00	30.33 1.99 0.00	50.65 3.20 0.00	50.88 3.58 0.00	49.70 3.37 0.00	46.02 3.17 0.00	48.50 3.39 0.00	27.04 1.95 -0.16	30.48 1.68 -5.13	21.50 1.36 -0.65
RAVENSWOOD___2 23534	17.71 0.84 0.00	21.78 0.99 0.00	17.43 0.80 0.00	17.40 0.73 0.00	23.04 0.89 0.00	26.88 1.28 0.00	42.18 2.16 0.00	38.37 2.07 0.00	33.11 2.05 0.00	36.47 2.08 0.00	32.85 2.02 -0.23	31.35 1.62 -6.75	83.58 1.59 -57.66	29.90 1.80 -1.09	33.59 2.23 0.00	30.33 1.99 0.00	50.65 3.20 0.00	50.88 3.58 0.00	49.70 3.37 0.00	46.02 3.17 0.00	48.50 3.39 0.00	27.04 1.95 -0.16	30.48 1.68 -5.13	21.50 1.36 -0.65
RAVENSWOOD___3 23535	17.71 0.84 0.00	21.78 1.00 0.00	17.44 0.81 0.00	17.41 0.74 0.00	23.05 0.90 0.00	26.89 1.29 0.00	42.19 2.18 0.00	38.37 2.07 0.00	33.08 2.02 0.00	36.49 2.09 0.00	32.84 2.01 -0.23	31.34 1.61 -6.75	83.58 1.59 -57.66	29.89 1.79 -1.09	33.59 2.23 0.00	30.33 1.99 0.00	50.70 3.26 0.00	50.92 3.62 0.00	49.74 3.41 0.00	46.04 3.19 0.00	48.50 3.39 0.00	27.04 1.95 -0.16	30.50 1.70 -5.13	21.51 1.37 -0.65
RAVENSWOOD___4 23820	17.71 0.84 0.00	21.78 0.99 0.00	17.43 0.80 0.00	17.40 0.73 0.00	23.04 0.89 0.00	26.88 1.28 0.00	42.18 2.16 0.00	38.37 2.07 0.00	33.11 2.05 0.00	36.47 2.08 0.00	32.85 2.02 -0.23	31.35 1.62 -6.75	83.58 1.59 -57.66	29.90 1.80 -1.09	33.59 2.23 0.00	30.33 1.99 0.00	50.65 3.20 0.00	50.88 3.58 0.00	49.70 3.37 0.00	46.02 3.17 0.00	48.50 3.39 0.00	27.04 1.95 -0.16	30.48 1.68 -5.13	21.50 1.36 -0.65
RCPI_TRUST___DRP 24196	17.70 0.83 0.00	21.75 0.97 0.00	17.42 0.79 0.00	17.39 0.72 0.00	23.04 0.88 0.00	26.88 1.28 0.00	42.17 2.16 0.00	38.35 2.06 0.00	33.07 2.01 0.00	36.49 2.09 0.00	32.84 2.01 -0.23	31.35 1.62 -6.75	83.60 1.59 -57.68	29.89 1.79 -1.09	33.58 2.22 0.00	30.33 1.99 0.00	50.72 3.27 0.00	50.93 3.63 0.00	49.74 3.41 0.00	46.02 3.17 0.00	48.48 3.38 0.00	27.03 1.93 -0.16	30.50 1.70 -5.14	21.50 1.36 -0.65
RED___ROCHESTER 323720	16.02 -0.85 0.00	19.83 -0.96 0.00	15.59 -1.00 0.04	15.69 -0.99 0.00	20.90 -1.26 0.00	24.34 -1.26 0.00	38.28 -1.73 0.00	34.52 -1.77 0.00	29.75 -1.30 0.00	33.00 -1.40 0.00	29.25 -1.35 0.00	22.10 -0.88 0.00	23.48 -0.85 0.00	26.02 -0.99 0.00	30.00 -1.36 0.00	27.21 -1.12 0.00	46.10 -1.35 0.00	45.71 -1.59 0.00	45.05 -1.28 0.00	41.37 -1.48 0.00	43.34 -1.76 0.00	23.78 -1.16 0.00	22.51 -1.16 0.00	18.40 -1.08 0.00
REGAN___SOLAR 323812	17.72 0.85 0.00	21.81 1.03 0.00	17.44 0.81 0.00	17.49 0.82 0.00	23.31 1.15 0.00	27.00 1.40 0.00	42.39 2.37 0.00	38.46 2.17 0.00	32.89 1.84 0.00	36.32 1.92 0.00	32.19 1.53 -0.05	25.80 1.21 -1.61	39.52 1.26 -13.92	28.90 1.63 -0.26	33.33 1.97 0.00	30.14 1.80 0.00	50.60 3.15 0.00	50.50 3.20 0.00	49.45 3.12 0.00	45.64 2.79 0.00	47.94 2.83 0.00	26.47 1.50 -0.04	26.41 1.37 -1.37	20.75 1.09 -0.17
RENSSELAER___COGEN 23796	17.33 0.46 0.00	21.36 0.57 0.00	17.13 0.49 0.00	17.14 0.47 0.00	22.81 0.65 0.00	26.43 0.84 0.00	41.26 1.25 0.00	37.50 1.21 0.00	32.22 1.17 0.00	35.67 1.27 0.00	31.78 1.12 -0.06	25.78 0.90 -1.90	41.70 0.91 -16.46	28.32 0.99 -0.31	32.58 1.22 0.00	29.43 1.09 0.00	49.18 1.73 0.00	49.22 1.93 0.00	48.18 1.85 0.00	44.58 1.73 0.00	46.97 1.86 0.00	26.03 1.04 -0.05	26.20 0.90 -1.62	20.35 0.66 -0.20
REPUBLIC_115KV_BARTNBRK 55605	18.42 1.55 0.00	22.71 1.93 0.00	18.20 1.57 0.00	18.22 1.55 0.00	24.57 2.41 0.00	28.63 3.04 0.00	44.91 4.90 0.00	41.05 4.76 0.00	34.99 3.94 0.00	38.95 4.55 0.00	34.76 4.09 -0.06	27.73 2.93 -1.82	42.98 2.87 -15.77	30.37 3.06 -0.30	34.90 3.54 0.00	31.97 3.63 0.00	54.78 7.33 0.00	53.82 6.53 0.00	52.66 6.33 0.00	48.53 5.67 0.00	50.81 5.70 0.00	28.15 3.17 -0.05	28.26 3.04 -1.55	21.98 2.30 -0.20
REVERE_CPFR_DRP 24186	17.32 0.45 0.00	21.29 0.50 0.00	17.00 0.36 0.00	17.07 0.40 0.00	22.74 0.59 0.00	26.45 0.85 0.00	41.39 1.38 0.00	37.40 1.11 0.00	32.05 1.00 0.00	35.51 1.11 0.00	31.58 0.98 0.00	23.81 0.83 0.00	25.19 0.85 0.00	28.05 1.04 0.00	32.52 1.16 0.00	29.38 1.05 0.00	49.20 1.75 0.00	48.91 1.61 0.00	47.80 1.47 0.00	44.08 1.23 0.00	46.34 1.23 0.00	25.55 0.62 0.00	24.23 0.56 0.00	19.91 0.42 0.00
REYNOLDS_115KV_TB3 80639	17.41 0.54 0.00	21.45 0.67 0.00	17.20 0.57 0.00	17.22 0.54 0.00	22.92 0.76 0.00	26.56 0.96 0.00	41.41 1.39 0.00	37.65 1.36 0.00	32.36 1.31 0.00	35.83 1.43 0.00	31.95 1.29 -0.07	25.96 1.02 -1.97	42.42 1.03 -17.06	28.44 1.11 -0.32	32.71 1.35 0.00	29.54 1.20 0.00	49.32 1.88 0.00	49.40 2.10 0.00	48.36 2.03 0.00	44.75 1.90 0.00	47.16 2.05 0.00	26.14 1.16 -0.05	26.37 1.02 -1.68	20.48 0.78 -0.21
RIVERBAY____ 323610	17.71 0.84 0.00	21.79 1.01 0.00	17.43 0.80 0.00	17.39 0.72 0.00	23.05 0.90 0.00	26.90 1.30 0.00	42.11 2.10 0.00	38.43 2.14 0.00	33.16 2.11 0.00	36.44 2.04 0.00	32.82 1.99 -0.23	31.28 1.55 -6.75	83.50 1.51 -57.66	29.81 1.71 -1.09	33.47 2.11 0.00	30.21 1.87 0.00	50.52 3.07 0.00	50.83 3.53 0.00	49.69 3.36 0.00	46.02 3.16 0.00	48.44 3.33 0.00	26.99 1.89 -0.16	30.44 1.63 -5.13	21.46 1.32 -0.65
RIVERSIDE_115KV_TB3 55908	17.39 0.52 0.00	21.43 0.64 0.00	17.18 0.54 0.00	17.20 0.53 0.00	22.88 0.73 0.00	26.53 0.93 0.00	41.39 1.37 0.00	37.64 1.34 0.00	32.34 1.28 0.00	35.81 1.41 0.00	31.92 1.26 -0.06	25.91 1.00 -1.93	42.11 1.01 -16.76	28.43 1.10 -0.32	32.70 1.34 0.00	29.54 1.20 0.00	49.34 1.89 0.00	49.40 2.10 0.00	48.35 2.01 0.00	44.74 1.88 0.00	47.12 2.01 0.00	26.12 1.13 -0.05	26.31 0.99 -1.65	20.44 0.74 -0.21
ROARING___BROOK_WT_PWR 323790	16.71 -0.16 0.00	20.60 -0.18 0.00	16.48 -0.16 0.00	16.50 -0.17 0.00	21.91 -0.25 0.00	25.21 -0.39 0.00	39.46 -0.56 0.00	35.48 -0.82 0.00	29.97 -1.09 0.00	-15.68 -1.03 49.05	29.80 -0.80 0.00	17.19 -0.75 5.04	23.55 -0.78 0.00	26.23 -0.78 0.00	17.90 -1.06 12.40	-33.48 -1.00 60.82	-39.00 -1.77 84.67	-39.00 -1.85 84.44	-39.00 -1.82 83.51	-39.00 -1.61 80.25	-39.00 -1.72 82.39	-39.00 -0.91 63.02	-39.00 -0.83 61.83	-39.00 -0.72 57.77

ROCHESRG_115KV_T4 355643	15.88 -0.99 0.00	19.66 -1.13 0.00	15.47 -1.13 0.04	15.55 -1.12 0.00	20.72 -1.44 0.00	24.10 -1.50 0.00	37.61 -2.40 0.00	33.88 -2.41 0.00	29.20 -1.86 0.00	32.37 -2.02 0.00	28.73 -1.87 0.00	21.72 -1.26 0.00	23.07 -1.27 0.00	25.58 -1.43 0.00	29.50 -1.87 0.00	26.74 -1.60 0.00	45.26 -2.19 0.00	44.85 -2.45 0.00	44.20 -2.13 0.00	40.62 -2.23 0.00	42.59 -2.52 0.00	23.39 -1.55 0.00	22.22 -1.45 0.00	18.23 -1.25 0.00
ROCHESTER_9_IC 23652	15.96 -0.91 0.00	19.75 -1.04 0.00	15.53 -1.06 0.04	15.62 -1.05 0.00	20.82 -1.34 0.00	24.22 -1.38 0.00	37.72 -2.29 0.00	33.98 -2.31 0.00	29.29 -1.77 0.00	32.48 -1.91 0.00	28.82 -1.78 0.00	21.80 -1.18 0.00	23.15 -1.18 0.00	25.67 -1.34 0.00	29.59 -1.77 0.00	26.83 -1.50 0.00	45.42 -2.03 0.00	45.00 -2.30 0.00	44.36 -1.96 0.00	40.78 -2.08 0.00	42.73 -2.38 0.00	23.46 -1.48 0.00	22.30 -1.37 0.00	18.32 -1.16 0.00
ROCKVIEW_13_KV_LD 356306	17.70 0.83 0.00	21.77 0.99 0.00	17.43 0.79 0.00	17.39 0.72 0.00	23.04 0.89 0.00	26.87 1.28 0.00	42.18 2.17 0.00	38.36 2.07 0.00	33.05 2.00 0.00	36.47 2.08 0.00	32.82 1.99 -0.23	31.31 1.58 -6.75	83.52 1.56 -57.63	29.85 1.75 -1.09	33.55 2.18 0.00	30.30 1.96 0.00	50.70 3.25 0.00	50.90 3.60 0.00	49.74 3.41 0.00	46.04 3.18 0.00	48.51 3.40 0.00	27.02 1.92 -0.16	30.49 1.68 -5.13	21.48 1.35 -0.65
ROME____115KV_TB2 80656	17.32 0.45 0.00	21.29 0.50 0.00	17.00 0.36 0.00	17.07 0.40 0.00	22.74 0.59 0.00	26.45 0.85 0.00	41.39 1.38 0.00	37.40 1.11 0.00	32.05 1.00 0.00	35.51 1.11 0.00	31.58 0.98 0.00	23.81 0.83 0.00	25.19 0.85 0.00	28.05 1.04 0.00	32.52 1.16 0.00	29.38 1.05 0.00	49.20 1.75 0.00	48.91 1.61 0.00	47.80 1.47 0.00	44.08 1.23 0.00	46.34 1.23 0.00	25.55 0.62 0.00	24.23 0.56 0.00	19.91 0.42 0.00
ROSETON___1 23587	17.52 0.65 0.00	21.56 0.77 0.00	17.27 0.64 0.00	17.25 0.58 0.00	22.87 0.72 0.00	26.65 1.06 0.00	41.78 1.76 0.00	38.00 1.71 0.00	32.71 1.66 0.00	36.11 1.71 0.00	32.39 1.64 -0.16	28.91 1.30 -4.63	65.08 1.27 -39.47	29.17 1.41 -0.75	33.13 1.77 0.00	29.94 1.61 0.00	50.11 2.66 0.00	50.29 2.99 0.00	49.17 2.84 0.00	45.50 2.65 0.00	47.94 2.83 0.00	26.65 1.60 -0.12	28.86 1.39 -3.80	21.08 1.11 -0.48
ROSETON___2 23588	17.52 0.65 0.00	21.56 0.77 0.00	17.27 0.64 0.00	17.25 0.58 0.00	22.87 0.71 0.00	26.58 0.98 0.00	41.73 1.71 0.00	37.93 1.64 0.00	32.58 1.53 0.00	35.97 1.57 0.00	31.51 1.47 0.57	7.25 1.16 16.88	-119.88 1.09 145.30	25.50 1.22 2.74	32.95 1.59 0.00	29.77 1.43 0.00	49.89 2.44 0.00	50.12 2.82 0.00	49.00 2.67 0.00	45.37 2.52 0.00	47.77 2.66 0.00	25.96 1.48 0.45	10.66 1.28 14.29	18.69 1.02 1.81
ROTRRDAM_115KV_TB3 80664	17.32 0.45 0.00	21.32 0.54 0.00	17.08 0.45 0.00	17.11 0.43 0.00	22.76 0.60 0.00	26.36 0.77 0.00	41.22 1.20 0.00	37.44 1.15 0.00	32.13 1.08 0.00	35.55 1.16 0.00	31.68 1.02 -0.06	25.53 0.80 -1.75	40.26 0.81 -15.12	28.19 0.89 -0.28	32.46 1.10 0.00	29.33 0.99 0.00	49.11 1.67 0.00	49.08 1.78 0.00	48.06 1.73 0.00	44.45 1.59 0.00	46.76 1.66 0.00	25.90 0.93 -0.05	25.99 0.83 -1.49	20.33 0.66 -0.19
RUSSELL___1 23602	16.03 -0.85 0.00	19.83 -0.96 0.00	15.60 -1.00 0.04	15.69 -0.99 0.00	20.90 -1.26 0.00	24.34 -1.25 0.00	38.28 -1.73 0.00	34.52 -1.77 0.00	29.75 -1.30 0.00	33.00 -1.40 0.00	29.25 -1.35 0.00	22.10 -0.88 0.00	23.48 -0.86 0.00	26.02 -0.99 0.00	30.00 -1.36 0.00	27.21 -1.13 0.00	46.09 -1.36 0.00	45.70 -1.60 0.00	45.05 -1.28 0.00	41.37 -1.48 0.00	43.34 -1.76 0.00	23.78 -1.16 0.00	22.50 -1.17 0.00	18.40 -1.08 0.00
RUSSELL___2 23532	16.03 -0.85 0.00	19.83 -0.96 0.00	15.60 -1.00 0.04	15.69 -0.99 0.00	20.90 -1.26 0.00	24.34 -1.25 0.00	38.28 -1.73 0.00	34.52 -1.77 0.00	29.75 -1.30 0.00	33.00 -1.40 0.00	29.25 -1.35 0.00	22.10 -0.88 0.00	23.48 -0.86 0.00	26.02 -0.99 0.00	30.00 -1.36 0.00	27.21 -1.13 0.00	46.09 -1.36 0.00	45.70 -1.60 0.00	45.05 -1.28 0.00	41.37 -1.48 0.00	43.34 -1.76 0.00	23.78 -1.16 0.00	22.50 -1.17 0.00	18.40 -1.08 0.00
RUSSELL___3 23549	16.03 -0.85 0.00	19.83 -0.96 0.00	15.60 -1.00 0.04	15.69 -0.99 0.00	20.90 -1.26 0.00	24.34 -1.25 0.00	38.28 -1.73 0.00	34.52 -1.77 0.00	29.75 -1.30 0.00	33.00 -1.40 0.00	29.25 -1.35 0.00	22.10 -0.88 0.00	23.48 -0.86 0.00	26.02 -0.99 0.00	30.00 -1.36 0.00	27.21 -1.13 0.00	46.09 -1.36 0.00	45.70 -1.60 0.00	45.05 -1.28 0.00	41.37 -1.48 0.00	43.34 -1.76 0.00	23.78 -1.16 0.00	22.50 -1.17 0.00	18.40 -1.08 0.00
RUSSELL___4 23556	16.03 -0.85 0.00	19.83 -0.96 0.00	15.60 -1.00 0.04	15.69 -0.99 0.00	20.90 -1.26 0.00	24.34 -1.25 0.00	38.28 -1.73 0.00	34.52 -1.77 0.00	29.75 -1.30 0.00	33.00 -1.40 0.00	29.25 -1.35 0.00	22.10 -0.88 0.00	23.48 -0.86 0.00	26.02 -0.99 0.00	30.00 -1.36 0.00	27.21 -1.13 0.00	46.09 -1.36 0.00	45.70 -1.60 0.00	45.05 -1.28 0.00	41.37 -1.48 0.00	43.34 -1.76 0.00	23.78 -1.16 0.00	22.50 -1.17 0.00	18.40 -1.08 0.00
RUSSELL___STATION 23914	16.03 -0.85 0.00	19.83 -0.96 0.00	15.60 -1.00 0.04	15.69 -0.99 0.00	20.90 -1.26 0.00	24.34 -1.25 0.00	38.28 -1.73 0.00	34.52 -1.77 0.00	29.75 -1.30 0.00	33.00 -1.40 0.00	29.25 -1.35 0.00	22.10 -0.88 0.00	23.48 -0.86 0.00	26.02 -0.99 0.00	30.00 -1.36 0.00	27.21 -1.13 0.00	46.09 -1.36 0.00	45.70 -1.60 0.00	45.05 -1.28 0.00	41.37 -1.48 0.00	43.34 -1.76 0.00	23.78 -1.16 0.00	22.50 -1.17 0.00	18.40 -1.08 0.00
S SALMON___HYD 24043	16.66 -0.21 0.00	20.50 -0.28 0.00	16.34 -0.29 0.00	16.39 -0.28 0.00	21.77 -0.39 0.00	25.23 -0.37 0.00	39.21 -0.80 0.00	35.37 -0.92 0.00	30.24 -0.81 0.00	33.59 -0.81 0.00	29.80 -0.80 0.00	22.48 -0.50 0.00	23.84 -0.50 0.00	26.49 -0.52 0.00	30.70 -0.66 0.00	27.73 -0.61 0.00	46.44 -1.01 0.00	46.24 -1.06 0.00	45.24 -1.09 0.00	41.71 -1.14 0.00	43.80 -1.31 0.00	24.18 -0.76 0.00	22.98 -0.70 0.00	18.98 -0.50 0.00
S.PERRY__115KV_TB1 80734	16.08 -0.79 0.00	19.90 -0.88 0.00	15.59 -0.94 0.10	15.74 -0.93 0.00	20.99 -1.16 0.00	24.52 -1.08 0.00	38.85 -1.53 -0.36	46.66 -1.64 -12.00	29.81 -1.36 -0.12	32.85 -1.55 0.00	28.98 -1.62 0.00	21.88 -1.10 0.00	23.44 -0.89 0.00	25.88 -1.13 0.00	29.74 -1.63 -0.01	26.87 -1.47 0.00	45.88 -1.56 0.00	45.81 -1.50 0.00	45.28 -1.05 0.00	41.48 -1.37 0.00	43.58 -1.53 0.00	23.83 -1.10 0.00	22.59 -1.08 0.00	18.49 -0.99 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.39 -1.49 0.00	19.12 -1.67 0.00	14.86 -1.71 0.06	14.98 -1.69 0.00	19.97 -2.19 0.00	23.28 -2.31 0.00	36.15 -3.76 0.10	29.11 -3.79 3.40	28.06 -2.96 0.03	31.16 -3.24 0.00	27.64 -2.97 0.00	20.98 -2.00 0.00	22.31 -2.03 0.00	24.76 -2.26 0.00	28.45 -2.91 0.00	25.80 -2.54 0.00	43.94 -3.51 0.00	43.23 -4.07 0.00	42.88 -3.45 0.00	39.27 -3.58 0.00	41.20 -3.91 0.00	22.54 -2.39 0.00	21.47 -2.20 0.00	17.54 -1.95 0.00

SAWYER___23_KV_LOAD 55526	15.39 -1.49 0.00	19.12 -1.67 0.00	14.86 -1.71 0.06	14.98 -1.69 0.00	19.97 -2.19 0.00	23.28 -2.31 0.00	36.15 -3.76 0.10	29.11 -3.79 3.40	28.06 -2.96 0.03	31.16 -3.24 0.00	27.64 -2.97 0.00	20.98 -2.00 0.00	22.31 -2.03 0.00	24.76 -2.26 0.00	28.45 -2.91 0.00	25.80 -2.54 0.00	43.94 -3.51 0.00	43.23 -4.07 0.00	42.88 -3.45 0.00	39.27 -3.58 0.00	41.20 -3.91 0.00	22.54 -2.39 0.00	21.47 -2.20 0.00	17.54 -1.95 0.00
SELKIRK___I 23801	17.38 0.51 0.00	21.41 0.62 0.00	17.16 0.53 0.00	17.20 0.52 0.00	22.89 0.73 0.00	26.53 0.93 0.00	41.38 1.37 0.00	37.56 1.27 0.00	32.22 1.16 0.00	35.65 1.26 0.00	31.70 1.05 -0.05	25.39 0.85 -1.56	38.75 0.89 -13.52	28.26 1.00 -0.25	32.56 1.20 0.00	29.44 1.09 0.00	49.22 1.77 0.00	49.19 1.89 0.00	48.17 1.84 0.00	44.58 1.73 0.00	46.97 1.86 0.00	26.02 1.04 -0.04	25.93 0.93 -1.33	20.36 0.71 -0.17
SELKIRK___II 23799	17.28 0.41 0.00	21.29 0.50 0.00	17.08 0.44 0.00	17.09 0.42 0.00	22.73 0.58 0.00	26.34 0.75 0.00	41.13 1.12 0.00	37.37 1.07 0.00	32.09 1.04 0.00	35.51 1.12 0.00	31.64 0.98 -0.06	25.59 0.79 -1.83	40.94 0.80 -15.80	28.19 0.88 -0.30	32.44 1.08 0.00	29.31 0.97 0.00	49.00 1.55 0.00	49.01 1.71 0.00	47.97 1.64 0.00	44.39 1.54 0.00	46.76 1.65 0.00	25.92 0.93 -0.05	26.05 0.82 -1.56	20.29 0.61 -0.20
SENECA OSWGO___HYD 24041	16.39 -0.48 0.00	20.19 -0.60 0.00	16.12 -0.51 0.00	16.16 -0.51 0.00	21.47 -0.69 0.00	24.84 -0.76 0.00	38.73 -1.28 0.00	35.09 -1.21 0.00	30.09 -0.97 0.00	33.31 -1.08 0.00	29.62 -0.98 0.00	22.28 -0.70 0.00	23.67 -0.67 0.00	26.26 -0.75 0.00	30.47 -0.90 0.00	27.53 -0.81 0.00	46.20 -1.25 0.00	46.02 -1.28 0.00	45.15 -1.18 0.00	41.67 -1.19 0.00	43.80 -1.31 0.00	24.17 -0.77 0.00	22.96 -0.71 0.00	18.97 -0.52 0.00
SENECA___115KV_TB3 355854	15.57 -1.30 0.00	19.33 -1.46 0.00	15.03 -1.53 0.07	15.16 -1.52 0.00	20.20 -1.96 0.00	23.58 -2.02 0.00	36.66 -3.24 0.11	29.48 -3.27 3.54	28.49 -2.53 0.03	31.64 -2.75 0.00	28.11 -2.49 0.00	21.32 -1.66 0.00	22.67 -1.67 0.00	25.16 -1.85 0.00	28.95 -2.41 0.00	26.20 -2.14 0.00	44.63 -2.82 0.00	43.88 -3.42 0.00	43.55 -2.78 0.00	39.86 -2.99 0.00	41.88 -3.23 0.00	22.90 -2.04 0.00	21.81 -1.86 0.00	17.81 -1.68 0.00
SENECA___ENERGY 23797	16.27 -0.60 0.00	20.05 -0.73 0.00	15.93 -0.69 0.01	16.00 -0.67 0.00	21.29 -0.87 0.00	24.72 -0.88 0.00	38.72 -1.31 -0.02	35.84 -1.27 -0.81	30.00 -1.07 -0.01	33.16 -1.23 0.00	29.50 -1.10 0.00	22.23 -0.75 0.00	23.62 -0.72 0.00	26.26 -0.75 0.00	30.34 -1.02 0.00	27.39 -0.95 0.00	46.23 -1.22 0.00	46.01 -1.29 0.00	45.31 -1.02 0.00	41.73 -1.12 0.00	43.88 -1.23 0.00	24.14 -0.79 0.00	22.92 -0.75 0.00	18.86 -0.63 0.00
SHOEMAKER___GT 23640	17.52 0.65 0.00	21.56 0.78 0.00	17.27 0.64 0.00	17.24 0.57 0.00	22.87 0.71 0.00	26.60 1.01 0.00	41.80 1.78 0.00	37.97 1.68 0.00	32.60 1.55 0.00	36.00 1.61 0.00	31.49 1.46 0.57	7.06 1.12 17.03	-121.21 1.03 146.58	25.46 1.21 2.77	32.94 1.57 0.00	29.78 1.44 0.00	49.95 2.50 0.00	50.16 2.86 0.00	49.07 2.74 0.00	45.42 2.56 0.00	47.81 2.70 0.00	25.95 1.48 0.46	10.13 1.29 14.83	18.63 1.02 1.88
SHOEMAKR_138KV_BK 111 55601	17.51 0.64 0.00	21.56 0.77 0.00	17.26 0.62 0.00	17.23 0.56 0.00	22.86 0.70 0.00	26.59 1.00 0.00	41.76 1.74 0.00	37.96 1.67 0.00	32.59 1.53 0.00	35.99 1.59 0.00	31.49 1.46 0.57	7.23 1.12 16.87	-119.78 1.04 145.17	25.48 1.21 2.74	32.93 1.57 0.00	29.77 1.44 0.00	49.92 2.48 0.00	50.14 2.84 0.00	49.03 2.71 0.00	45.39 2.54 0.00	47.78 2.68 0.00	25.95 1.48 0.46	10.34 1.28 14.62	18.65 1.01 1.85
SHOREHAM_IC_1 23715	17.70 0.82 0.00	21.84 1.06 0.00	17.70 1.07 0.00	17.68 1.01 0.00	22.99 0.83 0.00	26.90 1.30 0.00	41.93 1.91 0.00	38.17 1.87 0.00	32.79 1.74 0.00	35.66 1.26 0.00	32.26 1.43 -0.23	30.75 1.04 -6.72	82.81 1.06 -57.42	29.61 1.52 -1.08	33.54 2.18 0.00	30.70 2.37 0.00	51.14 3.69 0.00	50.79 3.49 0.00	49.35 3.02 0.00	46.14 3.29 0.00	49.14 4.03 0.00	27.49 2.39 -0.16	31.20 2.41 -5.12	25.53 2.04 -4.01
SHOREHAM_IC_2 23716	17.70 0.82 0.00	21.84 1.06 0.00	17.70 1.07 0.00	17.68 1.01 0.00	22.99 0.83 0.00	26.90 1.30 0.00	41.93 1.91 0.00	38.17 1.87 0.00	32.79 1.74 0.00	35.66 1.26 0.00	32.26 1.43 -0.23	30.75 1.04 -6.72	82.81 1.06 -57.42	29.61 1.52 -1.08	33.54 2.18 0.00	30.70 2.37 0.00	51.14 3.69 0.00	50.79 3.49 0.00	49.35 3.02 0.00	46.14 3.29 0.00	49.14 4.03 0.00	27.49 2.39 -0.16	31.20 2.41 -5.12	25.53 2.04 -4.01
SISSONVILLE____ 23735	18.04 1.17 0.00	22.19 1.40 0.00	17.70 1.07 0.00	17.79 1.12 0.00	23.72 1.57 0.00	27.59 2.00 0.00	43.18 3.17 0.00	38.98 2.69 0.00	33.16 2.11 0.00	36.80 2.41 0.00	32.43 1.82 0.00	24.32 1.34 0.00	25.56 1.22 0.00	28.48 1.47 0.00	32.99 1.63 0.00	29.75 1.41 0.00	49.50 2.05 0.00	49.30 2.00 0.00	48.04 1.72 0.00	44.31 1.46 0.00	46.38 1.27 0.00	25.68 0.75 0.00	24.34 0.67 0.00	19.90 0.41 0.00
SITHE_IND_GS1 24169	16.25 -0.62 0.00	20.01 -0.78 0.00	15.99 -0.65 0.00	16.03 -0.64 0.00	21.27 -0.88 0.00	24.58 -1.01 0.00	38.28 -1.73 0.00	34.68 -1.61 0.00	29.72 -1.33 0.00	32.91 -1.48 0.00	29.27 -1.33 0.00	22.03 -0.95 0.00	23.37 -0.96 0.00	25.93 -1.08 0.00	30.06 -1.30 0.00	27.18 -1.15 0.00	45.61 -1.84 0.00	45.40 -1.90 0.00	44.51 -1.82 0.00	41.11 -1.75 0.00	43.24 -1.87 0.00	23.88 -1.05 0.00	22.72 -0.96 0.00	18.81 -0.68 0.00
SITHE_IND_GS2 24170	16.25 -0.62 0.00	20.01 -0.78 0.00	15.99 -0.65 0.00	16.03 -0.64 0.00	21.27 -0.88 0.00	24.58 -1.01 0.00	38.28 -1.73 0.00	34.68 -1.61 0.00	29.72 -1.33 0.00	32.91 -1.48 0.00	29.27 -1.33 0.00	22.03 -0.95 0.00	23.37 -0.96 0.00	25.93 -1.08 0.00	30.06 -1.30 0.00	27.18 -1.15 0.00	45.61 -1.84 0.00	45.40 -1.90 0.00	44.51 -1.82 0.00	41.11 -1.75 0.00	43.24 -1.87 0.00	23.88 -1.05 0.00	22.72 -0.96 0.00	18.81 -0.68 0.00
SITHE_IND_GS3 24171	16.25 -0.62 0.00	20.01 -0.78 0.00	15.99 -0.65 0.00	16.03 -0.64 0.00	21.27 -0.88 0.00	24.58 -1.01 0.00	38.28 -1.73 0.00	34.68 -1.61 0.00	29.72 -1.33 0.00	32.91 -1.48 0.00	29.27 -1.33 0.00	22.03 -0.95 0.00	23.37 -0.96 0.00	25.93 -1.08 0.00	30.06 -1.30 0.00	27.18 -1.15 0.00	45.61 -1.84 0.00	45.40 -1.90 0.00	44.51 -1.82 0.00	41.11 -1.75 0.00	43.24 -1.87 0.00	23.88 -1.05 0.00	22.72 -0.96 0.00	18.81 -0.68 0.00
SITHE_IND_GS4 24172	16.25 -0.62 0.00	20.01 -0.78 0.00	15.99 -0.65 0.00	16.03 -0.64 0.00	21.27 -0.88 0.00	24.58 -1.01 0.00	38.28 -1.73 0.00	34.68 -1.61 0.00	29.72 -1.33 0.00	32.91 -1.48 0.00	29.27 -1.33 0.00	22.03 -0.95 0.00	23.37 -0.96 0.00	25.93 -1.08 0.00	30.06 -1.30 0.00	27.18 -1.15 0.00	45.61 -1.84 0.00	45.40 -1.90 0.00	44.51 -1.82 0.00	41.11 -1.75 0.00	43.24 -1.87 0.00	23.88 -1.05 0.00	22.72 -0.96 0.00	18.81 -0.68 0.00

SITHE___BATAVIA 24024	15.87 -1.00 0.00	19.70 -1.09 0.00	15.37 -1.21 0.05	15.48 -1.19 0.00	20.64 -1.51 0.00	24.09 -1.51 0.00	37.58 -2.38 0.05	32.17 -2.36 1.77	29.26 -1.77 0.02	32.46 -1.94 0.00	28.76 -1.84 0.00	21.80 -1.18 0.00	23.20 -1.14 0.00	25.65 -1.36 0.00	29.52 -1.84 0.00	26.80 -1.54 0.00	45.58 -1.87 0.00	45.13 -2.16 0.00	44.60 -1.73 0.00	40.82 -2.03 0.00	42.75 -2.36 0.00	23.37 -1.56 0.00	22.20 -1.47 0.00	18.13 -1.36 0.00
SITHE___INDEPEND 23800	16.25 -0.62 0.00	20.01 -0.78 0.00	15.99 -0.65 0.00	16.03 -0.64 0.00	21.28 -0.88 0.00	24.58 -1.01 0.00	38.28 -1.73 0.00	34.68 -1.61 0.00	29.72 -1.33 0.00	32.91 -1.48 0.00	29.27 -1.33 0.00	22.03 -0.95 0.00	23.37 -0.96 0.00	25.93 -1.08 0.00	30.06 -1.30 0.00	27.18 -1.15 0.00	45.60 -1.84 0.00	45.40 -1.90 0.00	44.51 -1.82 0.00	41.11 -1.74 0.00	43.24 -1.87 0.00	23.88 -1.05 0.00	22.71 -0.96 0.00	18.81 -0.68 0.00
SITHE___MASSENA 23902	17.09 0.22 0.00	21.10 0.31 0.00	16.90 0.26 0.00	16.98 0.31 0.00	22.58 0.42 0.00	26.01 0.41 0.00	40.76 0.74 0.00	36.91 0.62 0.00	31.38 0.33 0.00	34.87 0.48 0.00	31.02 0.42 0.00	23.18 0.20 0.00	24.52 0.19 0.00	27.22 0.21 0.00	31.55 0.18 0.00	28.51 0.17 0.00	47.61 0.16 0.00	47.28 -0.01 0.00	46.28 -0.05 0.00	42.90 0.04 0.00	45.13 0.01 0.00	24.98 0.05 0.00	23.77 0.10 0.00	19.52 0.03 0.00
SITHE___OGDNSBRG 24021	18.64 1.78 0.00	22.96 2.18 0.00	18.30 1.67 0.00	18.40 1.72 0.00	24.57 2.41 0.00	28.61 3.01 0.00	45.02 5.01 0.00	40.70 4.40 0.00	34.53 3.48 0.00	38.22 3.83 0.00	33.55 2.95 0.00	25.14 2.16 0.00	26.48 2.14 0.00	29.57 2.56 0.00	34.30 2.94 0.00	30.99 2.65 0.00	51.44 3.99 0.00	51.54 4.24 0.00	50.25 3.92 0.00	46.30 3.45 0.00	48.39 3.28 0.00	26.70 1.76 0.00	25.24 1.57 0.00	20.59 1.10 0.00
SITHE___STERLING 23777	17.12 0.26 0.00	21.07 0.29 0.00	16.83 0.20 0.00	16.90 0.23 0.00	22.53 0.37 0.00	26.15 0.56 0.00	40.95 0.93 0.00	37.06 0.77 0.00	31.77 0.72 0.00	35.17 0.77 0.00	31.28 0.68 0.00	23.57 0.58 0.00	24.97 0.64 0.00	27.79 0.78 0.00	32.23 0.87 0.00	29.12 0.78 0.00	48.80 1.35 0.00	48.48 1.18 0.00	47.41 1.09 0.00	43.73 0.87 0.00	45.98 0.88 0.00	25.35 0.42 0.00	24.05 0.38 0.00	19.78 0.29 0.00
SLEIGHT__34_KV_TB1 80719	16.10 -0.77 0.00	19.87 -0.91 0.00	15.73 -0.89 0.02	15.80 -0.87 0.00	21.04 -1.11 0.00	24.48 -1.12 0.00	38.32 -1.70 0.00	34.60 -1.69 0.00	29.73 -1.32 0.00	32.96 -1.43 0.00	29.28 -1.32 0.00	22.12 -0.86 0.00	23.49 -0.85 0.00	26.07 -0.94 0.00	30.09 -1.27 0.00	27.26 -1.08 0.00	46.02 -1.42 0.00	45.67 -1.63 0.00	44.93 -1.40 0.00	41.35 -1.51 0.00	43.37 -1.73 0.00	23.82 -1.11 0.00	22.61 -1.06 0.00	18.59 -0.90 0.00
SOUTH CAIRO___GT 23612	17.94 1.07 0.00	22.10 1.31 0.00	17.71 1.07 0.00	17.75 1.08 0.00	23.68 1.53 0.00	27.51 1.91 0.00	43.05 3.04 0.00	39.21 2.92 0.00	33.51 2.46 0.00	37.08 2.69 0.00	32.59 1.99 0.00	24.51 1.53 0.00	26.06 1.72 0.00	29.04 2.03 0.00	33.85 2.48 0.00	30.66 2.32 0.00	51.37 3.92 0.00	51.45 4.15 0.00	50.41 4.08 0.00	46.45 3.59 0.00	48.82 3.72 0.00	26.91 1.97 0.00	25.43 1.76 0.00	20.77 1.28 0.00
SOUTH HAMPTN___IC 23720	17.85 0.99 0.00	22.05 1.27 0.00	17.84 1.21 0.00	17.83 1.16 0.00	23.22 1.06 0.00	27.18 1.59 0.00	42.37 2.36 0.00	38.56 2.27 0.00	33.13 2.08 0.00	36.07 1.68 0.00	32.62 1.79 -0.23	31.02 1.31 -6.72	83.09 1.34 -57.42	29.90 1.80 -1.08	33.85 2.49 0.00	30.94 2.60 0.00	51.55 4.10 0.00	51.15 3.85 0.00	49.59 3.26 0.00	46.28 3.43 0.00	49.21 4.09 0.00	27.52 2.42 -0.16	31.23 2.44 -5.12	25.59 2.09 -4.01
SOUTHDOWN_115KV_TB1 355954	15.74 -1.13 0.00	19.56 -1.23 0.00	15.24 -1.31 0.08	15.40 -1.28 0.00	20.48 -1.67 0.00	23.99 -1.61 0.00	37.50 -2.45 0.06	32.09 -2.24 1.96	29.46 -1.56 0.03	32.70 -1.70 0.00	29.13 -1.48 0.00	21.99 -0.99 0.00	23.43 -0.90 0.00	26.14 -0.88 0.00	29.97 -1.39 0.00	26.89 -1.45 0.00	45.99 -1.46 0.00	45.07 -2.22 0.00	44.84 -1.49 0.00	41.03 -1.82 0.00	43.34 -1.77 0.00	23.59 -1.34 0.00	22.51 -1.16 0.00	18.34 -1.15 0.00
SOUTHOLD_69_KV_BK 2 55809	18.07 1.20 0.00	22.31 1.52 0.00	18.03 1.40 0.00	18.03 1.35 0.00	23.52 1.37 0.00	27.56 1.97 0.00	42.97 2.96 0.00	39.12 2.83 0.00	33.60 2.54 0.00	36.60 2.21 0.00	33.05 2.22 -0.23	31.30 1.59 -6.72	83.39 1.64 -57.42	30.22 2.12 -1.08	34.24 2.88 0.00	31.27 2.93 0.00	52.11 4.67 0.00	51.61 4.31 0.00	49.81 3.49 0.00	46.35 3.50 0.00	49.19 4.08 0.00	27.51 2.41 -0.16	31.21 2.42 -5.12	25.64 2.15 -4.01
SOUTHOLD___IC 23719	18.07 1.20 0.00	22.31 1.53 0.00	18.03 1.40 0.00	18.03 1.35 0.00	23.52 1.37 0.00	27.57 1.97 0.00	42.96 2.95 0.00	39.13 2.84 0.00	33.60 2.54 0.00	36.61 2.21 0.00	33.05 2.22 -0.23	31.30 1.60 -6.72	83.39 1.63 -57.42	30.22 2.13 -1.08	34.24 2.87 0.00	31.26 2.92 0.00	52.12 4.67 0.00	51.61 4.31 0.00	49.81 3.49 0.00	46.35 3.50 0.00	49.18 4.07 0.00	27.51 2.42 -0.16	31.21 2.43 -5.12	25.64 2.15 -4.01
SOUTH_FORK_WT_PWR 323839	18.06 1.19 0.00	22.31 1.53 0.00	18.02 1.39 0.00	18.02 1.35 0.00	23.53 1.37 0.00	27.58 1.98 0.00	42.96 2.95 0.00	39.11 2.82 0.00	33.59 2.54 0.00	36.60 2.20 0.00	33.00 2.18 -0.23	31.26 1.56 -6.72	83.35 1.60 -57.42	30.18 2.09 -1.08	34.19 2.83 0.00	31.19 2.85 0.00	51.95 4.50 0.00	51.34 4.04 0.00	49.42 3.09 0.00	45.92 3.07 0.00	48.71 3.60 0.00	27.27 2.18 -0.16	31.01 2.22 -5.12	25.52 2.03 -4.01
SPIERFLS_115KV_TB 1 80737	17.56 0.69 0.00	21.62 0.83 0.00	17.32 0.68 0.00	17.35 0.67 0.00	23.17 1.02 0.00	26.89 1.30 0.00	42.10 2.09 0.00	38.35 2.05 0.00	32.87 1.82 0.00	36.40 2.01 0.00	32.46 1.80 -0.06	26.10 1.31 -1.81	41.31 1.27 -15.71	28.65 1.35 -0.30	33.00 1.64 0.00	29.87 1.53 0.00	50.26 2.81 0.00	50.21 2.91 0.00	49.19 2.86 0.00	45.42 2.57 0.00	47.67 2.57 0.00	26.40 1.41 -0.05	26.55 1.33 -1.55	20.69 1.01 -0.20
ST LAWRENCE____ 23600	16.94 0.07 0.00	20.90 0.11 0.00	16.74 0.11 0.00	16.82 0.14 0.00	22.37 0.21 0.00	25.76 0.16 0.00	40.35 0.34 0.00	36.55 0.26 0.00	31.08 0.03 0.00	34.52 0.12 0.00	30.72 0.11 0.00	22.95 -0.03 0.00	24.28 -0.06 0.00	26.95 -0.06 0.00	31.24 -0.12 0.00	28.22 -0.12 0.00	47.12 -0.33 0.00	46.81 -0.49 0.00	45.80 -0.52 0.00	42.46 -0.39 0.00	44.67 -0.44 0.00	24.74 -0.20 0.00	23.53 -0.14 0.00	19.33 -0.16 0.00
STATE_CA_115KV_115_LB 55624	17.42 0.55 0.00	21.46 0.67 0.00	17.20 0.57 0.00	17.22 0.55 0.00	22.91 0.76 0.00	26.56 0.97 0.00	41.48 1.47 0.00	37.72 1.43 0.00	32.41 1.35 0.00	35.88 1.49 0.00	31.98 1.32 -0.06	25.92 1.05 -1.89	41.81 1.07 -16.41	28.48 1.16 -0.31	32.77 1.41 0.00	29.61 1.27 0.00	49.50 2.06 0.00	49.52 2.22 0.00	48.48 2.15 0.00	44.84 1.99 0.00	47.22 2.11 0.00	26.16 1.18 -0.05	26.31 1.02 -1.62	20.44 0.75 -0.20

STATE_ST_34_KV_LOAD 55959	16.60 -0.27 0.00	20.42 -0.36 0.00	16.29 -0.37 -0.02	16.32 -0.35 0.00	21.71 -0.45 0.00	25.17 -0.42 0.00	39.45 -0.57 0.00	35.74 -0.56 0.00	30.54 -0.51 0.00	33.79 -0.61 0.00	30.01 -0.59 0.00	22.68 -0.31 0.00	24.11 -0.22 0.00	26.79 -0.22 0.00	30.94 -0.42 0.00	28.01 -0.33 0.00	47.17 -0.27 0.00	46.80 -0.50 0.00	45.99 -0.34 0.00	42.49 -0.36 0.00	44.72 -0.39 0.00	24.62 -0.31 0.00	23.39 -0.28 0.00	19.27 -0.21 0.00
STATION 5_MISC_HYD 23604	15.96 -0.91 0.00	19.75 -1.04 0.00	15.53 -1.06 0.04	15.62 -1.05 0.00	20.82 -1.34 0.00	24.22 -1.38 0.00	37.72 -2.29 0.00	33.99 -2.31 0.00	29.29 -1.77 0.00	32.48 -1.92 0.00	28.82 -1.78 0.00	21.80 -1.18 0.00	23.16 -1.18 0.00	25.67 -1.34 0.00	29.60 -1.76 0.00	26.83 -1.51 0.00	45.42 -2.03 0.00	45.01 -2.29 0.00	44.37 -1.96 0.00	40.78 -2.07 0.00	42.74 -2.37 0.00	23.46 -1.47 0.00	22.31 -1.36 0.00	18.33 -1.16 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.21 -0.66 0.00	20.03 -0.75 0.00	15.82 -0.78 0.04	15.92 -0.75 0.00	21.20 -0.95 0.00	24.67 -0.93 0.00	38.59 -1.42 0.00	34.87 -1.43 0.00	29.99 -1.06 0.00	33.22 -1.18 0.00	29.51 -1.10 0.00	22.26 -0.72 0.00	23.63 -0.70 0.00	26.24 -0.77 0.00	30.27 -1.09 0.00	27.41 -0.93 0.00	46.34 -1.10 0.00	46.03 -1.27 0.00	45.32 -1.01 0.00	41.67 -1.19 0.00	43.73 -1.38 0.00	24.01 -0.92 0.00	22.78 -0.89 0.00	18.70 -0.78 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	15.91 -0.96 0.00	19.69 -1.10 0.00	15.50 -1.10 0.04	15.59 -1.08 0.00	20.77 -1.39 0.00	24.16 -1.44 0.00	37.73 -2.28 0.00	34.02 -2.27 0.00	29.32 -1.73 0.00	32.51 -1.89 0.00	28.86 -1.75 0.00	21.81 -1.17 0.00	23.16 -1.17 0.00	25.68 -1.33 0.00	29.62 -1.74 0.00	26.85 -1.49 0.00	45.44 -2.01 0.00	45.05 -2.25 0.00	44.38 -1.94 0.00	40.79 -2.07 0.00	42.76 -2.35 0.00	23.47 -1.46 0.00	22.29 -1.38 0.00	18.29 -1.20 0.00
STA_56___34_KV_BUS2 355983	15.91 -0.96 0.00	19.69 -1.10 0.00	15.50 -1.10 0.04	15.59 -1.08 0.00	20.77 -1.39 0.00	24.16 -1.44 0.00	37.73 -2.28 0.00	34.02 -2.27 0.00	29.32 -1.73 0.00	32.51 -1.89 0.00	28.86 -1.75 0.00	21.81 -1.17 0.00	23.16 -1.17 0.00	25.68 -1.33 0.00	29.62 -1.74 0.00	26.85 -1.49 0.00	45.44 -2.01 0.00	45.05 -2.25 0.00	44.38 -1.94 0.00	40.79 -2.07 0.00	42.76 -2.35 0.00	23.47 -1.46 0.00	22.29 -1.38 0.00	18.29 -1.20 0.00
STA_67___115KV_BK2 355882	15.93 -0.94 0.00	19.71 -1.08 0.00	15.51 -1.09 0.04	15.60 -1.07 0.00	20.78 -1.38 0.00	24.18 -1.42 0.00	37.70 -2.31 0.00	33.98 -2.32 0.00	29.28 -1.77 0.00	32.46 -1.93 0.00	28.80 -1.80 0.00	21.78 -1.20 0.00	23.13 -1.20 0.00	25.65 -1.36 0.00	29.58 -1.78 0.00	26.82 -1.52 0.00	45.39 -2.06 0.00	44.98 -2.32 0.00	44.33 -1.99 0.00	40.74 -2.11 0.00	42.72 -2.39 0.00	23.44 -1.49 0.00	22.29 -1.39 0.00	18.29 -1.20 0.00
STA_7___115KV_9TRANS 80674	16.03 -0.85 0.00	19.83 -0.96 0.00	15.60 -1.00 0.04	15.69 -0.99 0.00	20.90 -1.26 0.00	24.34 -1.25 0.00	38.28 -1.73 0.00	34.52 -1.77 0.00	29.75 -1.30 0.00	33.00 -1.40 0.00	29.25 -1.35 0.00	22.10 -0.88 0.00	23.48 -0.86 0.00	26.02 -0.99 0.00	30.00 -1.36 0.00	27.21 -1.13 0.00	46.09 -1.36 0.00	45.70 -1.60 0.00	45.05 -1.28 0.00	41.37 -1.48 0.00	43.34 -1.76 0.00	23.78 -1.16 0.00	22.50 -1.17 0.00	18.40 -1.08 0.00
STA_82___115KV_TB1 80780	15.93 -0.94 0.00	19.72 -1.07 0.00	15.52 -1.08 0.04	15.60 -1.07 0.00	20.78 -1.38 0.00	24.19 -1.41 0.00	37.76 -2.25 0.00	34.03 -2.27 0.00	29.32 -1.73 0.00	32.51 -1.88 0.00	28.84 -1.76 0.00	21.80 -1.17 0.00	23.17 -1.17 0.00	25.68 -1.33 0.00	29.62 -1.75 0.00	26.85 -1.49 0.00	45.45 -2.00 0.00	45.05 -2.25 0.00	44.41 -1.92 0.00	40.80 -2.05 0.00	42.77 -2.34 0.00	23.48 -1.46 0.00	22.30 -1.37 0.00	18.29 -1.20 0.00
STEEL___WIND 323596	15.56 -1.31 0.00	19.31 -1.47 0.00	15.01 -1.55 0.07	15.15 -1.53 0.00	20.18 -1.98 0.00	23.55 -2.04 0.00	36.62 -3.28 0.11	29.46 -3.29 3.54	28.46 -2.56 0.03	31.60 -2.79 0.00	28.06 -2.54 0.00	21.29 -1.70 0.00	22.64 -1.70 0.00	25.12 -1.89 0.00	28.89 -2.47 0.00	26.15 -2.19 0.00	44.54 -2.91 0.00	43.80 -3.50 0.00	43.45 -2.88 0.00	39.79 -3.07 0.00	41.80 -3.31 0.00	22.85 -2.09 0.00	21.78 -1.90 0.00	17.78 -1.70 0.00
STEPHTWN_115KV_BK_2 55603	17.44 0.57 0.00	21.51 0.72 0.00	17.26 0.63 0.00	17.26 0.59 0.00	23.00 0.85 0.00	26.71 1.11 0.00	41.71 1.70 0.00	37.95 1.66 0.00	32.57 1.51 0.00	36.07 1.67 0.00	32.04 1.37 -0.06	25.96 1.09 -1.90	41.98 1.19 -16.46	28.57 1.25 -0.31	32.93 1.57 0.00	29.73 1.39 0.00	49.74 2.30 0.00	49.83 2.53 0.00	48.81 2.48 0.00	45.09 2.23 0.00	47.52 2.41 0.00	26.29 1.31 -0.05	26.45 1.16 -1.62	20.52 0.83 -0.20
STEUBEN_REC_LFGE 323667	15.33 -1.54 0.00	19.02 -1.77 0.00	14.79 -1.63 0.22	15.07 -1.61 0.00	20.11 -2.04 0.00	23.50 -2.09 0.00	37.08 -3.17 -0.23	40.69 -3.37 -7.77	28.29 -2.86 -0.10	31.19 -3.20 0.00	27.70 -2.90 0.00	21.01 -1.97 0.00	22.49 -1.85 0.00	24.90 -2.11 0.00	28.68 -2.69 -0.01	25.76 -2.58 0.00	43.92 -3.52 0.00	43.16 -4.15 0.00	42.62 -3.71 0.00	38.95 -3.90 0.00	41.09 -4.02 0.00	22.55 -2.38 0.00	21.37 -2.30 0.00	17.54 -1.94 0.00
STILLWATER___SOLAR 323814	17.65 0.78 0.00	21.72 0.94 0.00	17.40 0.77 0.00	17.43 0.76 0.00	23.24 1.08 0.00	26.94 1.34 0.00	42.12 2.11 0.00	38.30 2.02 0.00	32.88 1.83 0.00	36.40 2.00 0.00	32.42 1.76 -0.06	26.15 1.33 -1.84	41.69 1.35 -16.00	28.77 1.46 -0.30	33.13 1.77 0.00	29.96 1.63 0.00	50.24 2.79 0.00	50.22 2.92 0.00	49.20 2.87 0.00	45.47 2.62 0.00	47.82 2.71 0.00	26.48 1.50 -0.05	26.61 1.36 -1.58	20.75 1.06 -0.20
STONY___BROOK 24151	17.78 0.91 0.00	21.96 1.18 0.00	17.70 1.07 0.00	17.68 1.01 0.00	23.10 0.95 0.00	27.00 1.40 0.00	42.07 2.06 0.00	38.32 2.02 0.00	32.93 1.88 0.00	36.10 1.71 0.00	32.73 1.91 -0.23	31.20 1.50 -6.72	83.22 1.46 -57.42	30.00 1.90 -1.08	33.74 2.38 0.00	30.72 2.38 0.00	51.17 3.72 0.00	51.02 3.72 0.00	49.64 3.31 0.00	46.26 3.41 0.00	49.07 3.96 0.00	27.45 2.36 -0.16	31.14 2.36 -5.12	25.48 1.98 -4.01
STURGEON_POOL_HYD 23609	17.40 0.53 0.00	21.40 0.62 0.00	17.17 0.53 0.00	17.15 0.48 0.00	22.74 0.59 0.00	26.46 0.87 0.00	41.48 1.47 0.00	37.71 1.42 0.00	32.44 1.39 0.00	35.80 1.41 0.00	31.85 1.32 0.07	22.03 1.03 1.98	8.17 0.96 17.13	27.77 1.08 0.32	32.79 1.43 0.00	29.64 1.30 0.00	49.67 2.22 0.00	49.82 2.52 0.00	48.72 2.39 0.00	45.10 2.24 0.00	47.49 2.38 0.00	26.23 1.34 0.05	23.13 1.17 1.72	20.19 0.92 0.22
ST_LAW_115_BK7_LBMP 345037	16.94 0.07 0.00	20.90 0.12 0.00	16.74 0.11 0.00	16.82 0.15 0.00	22.37 0.22 0.00	25.76 0.17 0.00	40.36 0.34 0.00	36.56 0.27 0.00	31.09 0.04 0.00	34.53 0.14 0.00	30.72 0.12 0.00	22.95 -0.03 0.00	24.29 -0.05 0.00	26.96 -0.06 0.00	31.25 -0.12 0.00	28.22 -0.12 0.00	47.13 -0.32 0.00	46.82 -0.48 0.00	45.81 -0.51 0.00	42.47 -0.39 0.00	44.68 -0.43 0.00	24.74 -0.20 0.00	23.53 -0.14 0.00	19.33 -0.16 0.00

ST_LAW_115_BK8_LBMP 345038	16.94 0.07 0.00	20.90 0.12 0.00	16.74 0.11 0.00	16.82 0.15 0.00	22.37 0.22 0.00	25.76 0.17 0.00	40.36 0.34 0.00	36.56 0.27 0.00	31.09 0.04 0.00	34.53 0.14 0.00	30.72 0.12 0.00	22.95 -0.03 0.00	24.29 -0.05 0.00	26.96 -0.06 0.00	31.25 -0.12 0.00	28.22 -0.12 0.00	47.13 -0.32 0.00	46.82 -0.48 0.00	45.81 -0.51 0.00	42.47 -0.39 0.00	44.68 -0.43 0.00	24.74 -0.20 0.00	23.53 -0.14 0.00	19.33 -0.16 0.00
ST_LAW_230_BK5_LBMP 345035	16.94 0.07 0.00	20.90 0.11 0.00	16.74 0.11 0.00	16.82 0.14 0.00	22.37 0.21 0.00	25.76 0.16 0.00	40.35 0.34 0.00	36.55 0.26 0.00	31.08 0.03 0.00	34.52 0.12 0.00	30.72 0.11 0.00	22.95 -0.03 0.00	24.28 -0.06 0.00	26.95 -0.06 0.00	31.24 -0.12 0.00	28.22 -0.12 0.00	47.12 -0.33 0.00	46.81 -0.49 0.00	45.80 -0.52 0.00	42.46 -0.39 0.00	44.67 -0.44 0.00	24.74 -0.20 0.00	23.53 -0.14 0.00	19.33 -0.16 0.00
ST_LAW_230_BK6_LBMP 345036	16.94 0.07 0.00	20.90 0.11 0.00	16.74 0.11 0.00	16.82 0.14 0.00	22.37 0.21 0.00	25.76 0.16 0.00	40.35 0.34 0.00	36.55 0.26 0.00	31.08 0.03 0.00	34.52 0.12 0.00	30.72 0.11 0.00	22.95 -0.03 0.00	24.28 -0.06 0.00	26.95 -0.06 0.00	31.24 -0.12 0.00	28.22 -0.12 0.00	47.12 -0.33 0.00	46.81 -0.49 0.00	45.80 -0.52 0.00	42.46 -0.39 0.00	44.67 -0.44 0.00	24.74 -0.20 0.00	23.53 -0.14 0.00	19.33 -0.16 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.54 0.67 0.00	21.60 0.81 0.00	17.29 0.65 0.00	17.26 0.58 0.00	22.88 0.72 0.00	26.64 1.04 0.00	41.84 1.83 0.00	38.03 1.74 0.00	32.67 1.62 0.00	36.07 1.68 0.00	31.58 1.56 0.59	6.62 1.22 17.58	-125.80 1.16 151.29	25.47 1.31 2.85	33.05 1.69 0.00	29.86 1.53 0.00	50.07 2.62 0.00	50.29 2.99 0.00	49.18 2.85 0.00	45.52 2.67 0.00	47.93 2.82 0.00	26.01 1.56 0.49	9.46 1.34 15.55	18.58 1.07 1.97
SWANROAD_115KV_TB1 355699	15.14 -1.73 0.00	18.83 -1.96 0.00	14.62 -1.95 0.06	14.74 -1.93 0.00	19.64 -2.51 0.00	22.82 -2.78 0.00	35.36 -4.57 0.08	29.13 -4.46 2.70	27.39 -3.63 0.03	30.36 -4.04 0.00	26.96 -3.65 0.00	20.49 -2.49 0.00	21.75 -2.58 0.00	24.13 -2.88 0.00	27.68 -3.68 0.00	25.15 -3.19 0.00	42.83 -4.62 0.00	42.12 -5.18 0.00	41.77 -4.56 0.00	38.25 -4.61 0.00	40.06 -5.04 0.00	21.95 -2.99 0.00	20.91 -2.77 0.00	17.07 -2.41 0.00
SYNERGY___BIOGAS 323694	15.87 -1.00 0.00	19.70 -1.09 0.00	15.37 -1.21 0.05	15.48 -1.19 0.00	20.64 -1.51 0.00	24.09 -1.51 0.00	37.58 -2.38 0.05	32.17 -2.36 1.77	29.26 -1.77 0.02	32.46 -1.94 0.00	28.76 -1.84 0.00	21.80 -1.18 0.00	23.20 -1.14 0.00	25.65 -1.36 0.00	29.52 -1.84 0.00	26.80 -1.54 0.00	45.58 -1.87 0.00	45.13 -2.16 0.00	44.60 -1.73 0.00	40.82 -2.03 0.00	42.75 -2.36 0.00	23.37 -1.56 0.00	22.20 -1.47 0.00	18.13 -1.36 0.00
SYRACUSE___ENERGY_ST1 323597	16.57 -0.30 0.00	20.40 -0.38 0.00	16.28 -0.35 0.00	16.33 -0.34 0.00	21.70 -0.45 0.00	25.13 -0.47 0.00	39.26 -0.75 0.00	35.55 -0.75 0.00	30.45 -0.60 0.00	33.71 -0.69 0.00	29.97 -0.64 0.00	22.57 -0.41 0.00	23.97 -0.37 0.00	26.62 -0.39 0.00	30.86 -0.50 0.00	27.89 -0.45 0.00	46.86 -0.59 0.00	46.64 -0.66 0.00	45.75 -0.57 0.00	42.22 -0.64 0.00	44.41 -0.70 0.00	24.48 -0.45 0.00	23.27 -0.40 0.00	19.20 -0.28 0.00
SYRACUSE___ENERGY_ST2 323598	16.57 -0.30 0.00	20.40 -0.38 0.00	16.28 -0.35 0.00	16.33 -0.34 0.00	21.70 -0.45 0.00	25.13 -0.47 0.00	39.26 -0.75 0.00	35.55 -0.75 0.00	30.45 -0.60 0.00	33.71 -0.69 0.00	29.97 -0.64 0.00	22.57 -0.41 0.00	23.97 -0.37 0.00	26.62 -0.39 0.00	30.86 -0.50 0.00	27.89 -0.45 0.00	46.86 -0.59 0.00	46.64 -0.66 0.00	45.75 -0.57 0.00	42.22 -0.64 0.00	44.41 -0.70 0.00	24.48 -0.45 0.00	23.27 -0.40 0.00	19.20 -0.28 0.00
SYRACUSE___POWER 24017	16.57 -0.30 0.00	20.40 -0.38 0.00	16.30 -0.35 -0.02	16.33 -0.34 0.00	21.70 -0.45 0.00	25.13 -0.46 0.00	39.26 -0.75 0.00	35.55 -0.74 0.00	30.48 -0.57 0.00	33.74 -0.66 0.00	29.99 -0.61 0.00	22.58 -0.39 0.00	23.98 -0.36 0.00	26.63 -0.38 0.00	30.89 -0.47 0.00	27.90 -0.44 0.00	46.89 -0.56 0.00	46.67 -0.63 0.00	45.80 -0.53 0.00	42.24 -0.62 0.00	44.42 -0.69 0.00	24.48 -0.45 0.00	23.27 -0.40 0.00	19.19 -0.30 0.00
TALLMAN___138KV_BK151 55660	17.57 0.70 0.00	21.64 0.85 0.00	17.31 0.68 0.00	17.27 0.60 0.00	22.89 0.73 0.00	26.69 1.10 0.00	41.92 1.91 0.00	38.10 1.81 0.00	32.76 1.71 0.00	36.15 1.75 0.00	31.61 1.66 0.65	4.94 1.32 19.36	-140.94 1.25 166.53	25.27 1.40 3.14	33.16 1.80 0.00	29.96 1.62 0.00	50.17 2.73 0.00	50.41 3.11 0.00	49.28 2.96 0.00	45.64 2.79 0.00	48.07 2.96 0.00	25.94 1.64 0.63	4.80 1.42 20.29	18.05 1.14 2.57
TEALLAVE_115KV_TB7 355573	16.48 -0.39 0.00	20.30 -0.48 0.00	16.21 -0.43 0.00	16.25 -0.42 0.00	21.59 -0.56 0.00	25.00 -0.59 0.00	39.02 -0.99 0.00	35.35 -0.95 0.00	30.30 -0.75 0.00	33.56 -0.83 0.00	29.84 -0.76 0.00	22.47 -0.51 0.00	23.85 -0.49 0.00	26.48 -0.53 0.00	30.72 -0.64 0.00	27.75 -0.59 0.00	46.61 -0.84 0.00	46.39 -0.91 0.00	45.51 -0.82 0.00	41.98 -0.87 0.00	44.14 -0.97 0.00	24.34 -0.59 0.00	23.13 -0.54 0.00	19.09 -0.39 0.00
TELGRAPH_34_KV_EAST 80808	15.53 -1.34 0.00	19.29 -1.49 0.00	15.02 -1.56 0.05	15.13 -1.54 0.00	20.18 -1.98 0.00	23.50 -2.10 0.00	36.55 -3.39 0.07	30.71 -3.37 2.21	28.39 -2.65 0.02	31.48 -2.91 0.00	27.94 -2.66 0.00	21.20 -1.78 0.00	22.53 -1.81 0.00	24.97 -2.04 0.00	28.68 -2.69 0.00	26.05 -2.29 0.00	44.30 -3.15 0.00	43.70 -3.60 0.00	43.27 -3.06 0.00	39.60 -3.25 0.00	41.50 -3.61 0.00	22.71 -2.22 0.00	21.60 -2.08 0.00	17.64 -1.84 0.00
TEMPLE___115KV_TB 2 55572	16.49 -0.38 0.00	20.31 -0.47 0.00	16.21 -0.42 0.00	16.25 -0.42 0.00	21.59 -0.56 0.00	25.01 -0.58 0.00	39.03 -0.98 0.00	35.35 -0.94 0.00	30.31 -0.74 0.00	33.57 -0.82 0.00	29.85 -0.75 0.00	22.48 -0.50 0.00	23.87 -0.47 0.00	26.49 -0.52 0.00	30.73 -0.63 0.00	27.76 -0.58 0.00	46.63 -0.82 0.00	46.42 -0.88 0.00	45.52 -0.80 0.00	42.00 -0.86 0.00	44.16 -0.94 0.00	24.35 -0.59 0.00	23.14 -0.53 0.00	19.10 -0.39 0.00
TIANA____69_KV_BK 1 55817	17.82 0.95 0.00	21.99 1.21 0.00	17.80 1.17 0.00	17.79 1.12 0.00	23.16 1.01 0.00	27.12 1.52 0.00	42.26 2.25 0.00	38.47 2.17 0.00	33.05 1.99 0.00	35.98 1.59 0.00	32.56 1.74 -0.23	30.98 1.27 -6.72	83.05 1.30 -57.42	29.84 1.75 -1.08	33.79 2.42 0.00	30.89 2.55 0.00	51.46 4.02 0.00	51.11 3.81 0.00	49.60 3.28 0.00	46.30 3.45 0.00	49.25 4.14 0.00	27.53 2.44 -0.16	31.24 2.45 -5.12	25.58 2.08 -4.01
TILDEN___115KV_TB1 80814	16.57 -0.30 0.00	20.40 -0.38 0.00	16.30 -0.35 -0.02	16.33 -0.34 0.00	21.70 -0.45 0.00	25.13 -0.46 0.00	39.26 -0.75 0.00	35.55 -0.74 0.00	30.48 -0.57 0.00	33.74 -0.66 0.00	29.99 -0.61 0.00	22.58 -0.39 0.00	23.98 -0.36 0.00	26.63 -0.38 0.00	30.89 -0.47 0.00	27.90 -0.44 0.00	46.89 -0.56 0.00	46.67 -0.63 0.00	45.80 -0.53 0.00	42.24 -0.62 0.00	44.42 -0.69 0.00	24.48 -0.45 0.00	23.27 -0.40 0.00	19.19 -0.30 0.00

TRIGEN___CC 323695	17.67 0.80 0.00	21.79 1.00 0.00	17.49 0.85 0.00	17.46 0.78 0.00	22.99 0.83 0.00	26.83 1.23 0.00	41.89 1.87 0.00	38.12 1.83 0.00	32.81 1.76 0.00	36.21 1.81 0.00	32.79 1.96 -0.23	31.26 1.55 -6.72	83.28 1.52 -57.42	29.95 1.86 -1.08	33.58 2.22 0.00	30.43 2.09 0.00	50.73 3.28 0.00	50.68 3.38 0.00	49.49 3.16 0.00	45.96 3.11 0.00	48.59 3.48 0.00	27.15 2.05 -0.16	30.74 1.95 -5.12	25.11 1.62 -4.01
TRINITY___115KV___4 BK 55933	17.36 0.49 0.00	21.39 0.60 0.00	17.15 0.52 0.00	17.17 0.49 0.00	22.84 0.69 0.00	26.48 0.88 0.00	41.32 1.30 0.00	37.57 1.28 0.00	32.28 1.22 0.00	35.74 1.34 0.00	31.86 1.20 -0.06	25.84 0.95 -1.91	41.88 0.96 -16.58	28.37 1.05 -0.31	32.64 1.28 0.00	29.48 1.14 0.00	49.27 1.82 0.00	49.31 2.01 0.00	48.27 1.94 0.00	44.66 1.80 0.00	47.03 1.92 0.00	26.07 1.08 -0.05	26.25 0.95 -1.63	20.38 0.69 -0.21
UNION___PROCESSING_DRP 323587	15.94 -0.93 0.00	19.72 -1.07 0.00	15.52 -1.08 0.04	15.60 -1.07 0.00	20.79 -1.37 0.00	24.19 -1.41 0.00	37.77 -2.24 0.00	34.03 -2.26 0.00	29.32 -1.73 0.00	32.52 -1.88 0.00	28.85 -1.75 0.00	21.82 -1.16 0.00	23.18 -1.16 0.00	25.69 -1.32 0.00	29.62 -1.74 0.00	26.86 -1.48 0.00	45.47 -1.98 0.00	45.06 -2.24 0.00	44.42 -1.91 0.00	40.82 -2.03 0.00	42.78 -2.33 0.00	23.48 -1.45 0.00	22.30 -1.37 0.00	18.29 -1.19 0.00
UPPER HUDSON___HYD 24058	17.56 0.69 0.00	21.62 0.83 0.00	17.32 0.68 0.00	17.35 0.67 0.00	23.17 1.02 0.00	26.89 1.30 0.00	42.10 2.08 0.00	38.34 2.05 0.00	32.87 1.82 0.00	36.40 2.01 0.00	32.46 1.80 -0.06	26.10 1.31 -1.81	41.31 1.27 -15.71	28.65 1.35 -0.30	32.99 1.63 0.00	29.87 1.53 0.00	50.26 2.81 0.00	50.21 2.91 0.00	49.19 2.86 0.00	45.42 2.57 0.00	47.67 2.56 0.00	26.40 1.41 -0.05	26.55 1.33 -1.55	20.69 1.01 -0.20
UPPER RAQUET___HYD 24056	18.04 1.17 0.00	22.19 1.40 0.00	17.70 1.07 0.00	17.79 1.12 0.00	23.72 1.57 0.00	27.59 2.00 0.00	43.18 3.17 0.00	38.98 2.69 0.00	33.16 2.11 0.00	36.80 2.41 0.00	32.43 1.82 0.00	24.32 1.34 0.00	25.56 1.22 0.00	28.48 1.47 0.00	32.98 1.62 0.00	29.75 1.41 0.00	49.50 2.05 0.00	49.30 2.00 0.00	48.04 1.71 0.00	44.31 1.46 0.00	46.38 1.27 0.00	25.68 0.75 0.00	24.34 0.67 0.00	19.90 0.41 0.00
VALLEY44_115KV_TB2 355964	16.01 -0.86 0.00	19.81 -0.98 0.00	15.47 -1.08 0.08	15.55 -1.12 0.00	20.76 -1.40 0.00	24.18 -1.41 0.00	37.79 -2.17 0.04	32.73 -2.09 1.47	29.59 -1.43 0.03	32.97 -1.42 0.00	29.43 -1.17 0.00	22.23 -0.75 0.00	23.70 -0.64 0.00	26.27 -0.74 0.00	30.28 -1.08 0.00	27.15 -1.19 0.00	46.21 -1.24 0.00	45.40 -1.89 0.00	45.14 -1.19 0.00	41.43 -1.42 0.00	43.73 -1.38 0.00	23.91 -1.03 0.00	22.88 -0.79 0.00	18.74 -0.74 0.00
VALLEY___115KV_TB 1-4 80826	16.87 0.01 0.00	20.75 -0.04 0.00	16.64 0.00 0.00	16.70 0.02 0.00	22.26 0.10 0.00	25.82 0.23 0.00	40.32 0.31 0.00	36.61 0.31 0.00	31.54 0.49 0.00	34.75 0.35 0.00	30.91 0.31 0.00	23.35 0.37 0.00	24.76 0.43 0.00	27.48 0.47 0.00	31.92 0.56 0.00	28.78 0.44 0.00	48.18 0.73 0.00	48.07 0.77 0.00	47.14 0.81 0.00	43.50 0.64 0.00	46.01 0.90 0.00	25.44 0.51 0.00	24.11 0.44 0.00	19.82 0.33 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.26 0.40 0.00	21.27 0.48 0.00	17.02 0.39 0.00	17.07 0.39 0.00	22.74 0.58 0.00	26.38 0.79 0.00	41.24 1.22 0.00	37.32 1.03 0.00	32.07 1.02 0.00	35.45 1.05 0.00	31.50 0.90 0.00	23.66 0.68 0.00	25.07 0.73 0.00	27.84 0.83 0.00	32.33 0.97 0.00	29.17 0.83 0.00	48.96 1.51 0.00	48.74 1.44 0.00	47.79 1.46 0.00	44.14 1.28 0.00	46.48 1.37 0.00	25.63 0.70 0.00	24.30 0.62 0.00	19.96 0.47 0.00
VISCHER___FERRY HYD 24020	17.53 0.66 0.00	21.58 0.80 0.00	17.30 0.66 0.00	17.31 0.64 0.00	23.07 0.91 0.00	26.73 1.14 0.00	41.68 1.67 0.00	37.93 1.64 0.00	32.58 1.53 0.00	36.08 1.68 0.00	32.17 1.50 -0.06	26.07 1.15 -1.94	42.35 1.17 -16.84	28.58 1.25 -0.32	32.88 1.52 0.00	29.71 1.37 0.00	49.65 2.20 0.00	49.69 2.39 0.00	48.68 2.35 0.00	45.03 2.18 0.00	47.44 2.34 0.00	26.30 1.31 -0.05	26.50 1.18 -1.66	20.62 0.93 -0.21
V_A_10_SYNC_DSASP 323832	15.45 -1.42 0.00	19.17 -1.61 0.00	14.98 -1.61 0.05	15.08 -1.59 0.00	20.10 -2.06 0.00	23.41 -2.19 0.00	36.39 -3.57 0.05	31.01 -3.58 1.71	28.23 -2.81 0.02	31.33 -3.06 0.00	27.79 -2.81 0.00	21.06 -1.92 0.00	22.38 -1.96 0.00	24.81 -2.20 0.00	28.55 -2.81 0.00	25.89 -2.45 0.00	43.95 -3.49 0.00	43.38 -3.92 0.00	42.91 -3.42 0.00	39.39 -3.46 0.00	41.30 -3.81 0.00	22.64 -2.29 0.00	21.55 -2.11 0.00	17.65 -1.84 0.00
V_CMM_10_SYNC_DSASP 323787	17.02 0.15 0.00	21.01 0.22 0.00	16.83 0.19 0.00	16.91 0.23 0.00	22.49 0.34 0.00	25.90 0.31 0.00	40.57 0.55 0.00	36.75 0.46 0.00	31.25 0.20 0.00	34.72 0.33 0.00	30.89 0.29 0.00	23.07 0.09 0.00	24.42 0.08 0.00	27.09 0.08 0.00	31.41 0.05 0.00	28.38 0.04 0.00	47.39 -0.06 0.00	47.08 -0.23 0.00	46.06 -0.27 0.00	42.70 -0.15 0.00	44.91 -0.20 0.00	24.87 -0.07 0.00	23.66 -0.01 0.00	19.42 -0.06 0.00
V_CMP_10_SYNC_DSASP 323788	17.32 0.45 0.00	21.29 0.50 0.00	17.16 0.52 0.00	17.24 0.57 0.00	23.08 0.92 0.00	26.65 1.05 0.00	41.65 1.64 0.00	37.87 1.58 0.00	32.07 1.01 0.00	35.75 1.36 0.00	31.92 1.32 0.00	23.94 0.96 0.00	25.05 0.72 0.00	27.74 0.73 0.00	32.21 0.84 0.00	28.75 0.42 0.00	47.59 0.14 0.00	46.38 -0.92 0.00	45.13 -1.19 0.00	41.76 -1.09 0.00	43.72 -1.39 0.00	24.58 -0.35 0.00	23.63 -0.05 0.00	19.30 -0.19 0.00
V_D_10_SYNC_DSASP 323841	17.09 0.22 0.00	21.10 0.31 0.00	16.90 0.26 0.00	16.98 0.31 0.00	22.58 0.42 0.00	26.01 0.41 0.00	40.76 0.74 0.00	36.91 0.62 0.00	31.38 0.33 0.00	34.87 0.48 0.00	31.02 0.42 0.00	23.18 0.20 0.00	24.52 0.19 0.00	27.22 0.21 0.00	31.55 0.18 0.00	28.51 0.17 0.00	47.61 0.16 0.00	47.28 -0.01 0.00	46.28 -0.05 0.00	42.90 0.04 0.00	45.13 0.01 0.00	24.98 0.05 0.00	23.77 0.10 0.00	19.52 0.03 0.00
V_E_10_SYNC_DSASP 323830	17.43 0.56 0.00	21.36 0.57 0.00	17.18 0.44 -0.10	17.20 0.52 0.00	23.01 0.85 0.00	26.54 0.95 0.00	41.80 1.77 -0.02	38.36 1.52 -0.54	32.31 1.26 0.00	35.64 1.24 0.00	31.35 0.78 0.04	22.45 0.51 1.04	16.34 0.97 8.97	27.97 1.12 0.17	32.69 1.33 0.00	29.49 1.15 0.00	49.72 2.27 0.00	49.60 2.30 0.00	48.68 2.35 0.00	44.67 1.81 0.00	46.87 1.76 0.00	25.68 0.78 0.03	23.43 0.63 0.87	19.82 0.45 0.11
V_F_30_NSYNC___DSASP 323816	17.66 0.79 0.00	21.74 0.96 0.00	17.41 0.78 0.00	17.44 0.77 0.00	23.25 1.09 0.00	26.96 1.36 0.00	42.16 2.15 0.00	38.34 2.05 0.00	32.89 1.84 0.00	36.42 2.03 0.00	32.45 1.78 -0.06	26.16 1.35 -1.83	41.57 1.37 -15.87	28.80 1.49 -0.30	33.16 1.80 0.00	29.98 1.64 0.00	50.27 2.83 0.00	50.26 2.96 0.00	49.23 2.90 0.00	45.50 2.65 0.00	47.84 2.74 0.00	26.49 1.51 -0.05	26.61 1.37 -1.56	20.76 1.08 -0.20

V_F_30_SYNC_DSASP 323786	17.42 0.55 0.00	21.46 0.67 0.00	17.20 0.57 0.00	17.22 0.55 0.00	22.91 0.75 0.00	26.56 0.96 0.00	41.48 1.47 0.00	37.71 1.42 0.00	32.40 1.35 0.00	35.88 1.49 0.00	31.98 1.31 -0.06	25.92 1.04 -1.90	41.82 1.07 -16.42	28.48 1.16 -0.31	32.77 1.41 0.00	29.61 1.26 0.00	49.50 2.06 0.00	49.52 2.22 0.00	48.48 2.15 0.00	44.84 1.98 0.00	47.22 2.11 0.00	26.16 1.17 -0.05	26.31 1.02 -1.62	20.44 0.75 -0.20
V_XM_10_SYNC_DSASP 323789	17.32 0.45 0.00	21.29 0.50 0.00	17.16 0.52 0.00	17.24 0.57 0.00	23.08 0.92 0.00	26.65 1.05 0.00	41.65 1.64 0.00	37.87 1.58 0.00	32.07 1.01 0.00	35.75 1.36 0.00	31.92 1.32 0.00	23.94 0.96 0.00	25.05 0.72 0.00	27.74 0.73 0.00	32.21 0.84 0.00	28.75 0.42 0.00	47.59 0.14 0.00	46.38 -0.92 0.00	45.13 -1.19 0.00	41.76 -1.09 0.00	43.72 -1.39 0.00	24.58 -0.35 0.00	23.63 -0.05 0.00	19.30 -0.19 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.62 0.75 0.00	21.70 0.91 0.00	17.36 0.73 0.00	17.33 0.65 0.00	22.96 0.81 0.00	26.78 1.18 0.00	42.06 2.04 0.00	38.23 1.94 0.00	32.87 1.82 0.00	36.28 1.89 0.00	31.72 1.78 0.67	4.54 1.41 19.85	-145.05 1.35 170.73	25.31 1.52 3.22	33.29 1.92 0.00	30.07 1.73 0.00	50.38 2.94 0.00	50.61 3.31 0.00	49.50 3.17 0.00	45.81 2.96 0.00	48.25 3.14 0.00	25.89 1.74 0.79	-0.04 1.51 25.22	17.49 1.20 3.20
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	17.68 0.81 0.00	21.73 0.95 0.00	17.41 0.77 0.00	17.37 0.70 0.00	23.01 0.85 0.00	26.84 1.25 0.00	42.11 2.10 0.00	38.29 1.99 0.00	33.01 1.95 0.00	36.42 2.02 0.00	32.78 1.95 -0.23	31.30 1.57 -6.75	83.55 1.53 -57.68	29.82 1.72 -1.09	33.52 2.16 0.00	30.27 1.93 0.00	50.62 3.17 0.00	50.83 3.53 0.00	49.64 3.32 0.00	45.94 3.09 0.00	48.41 3.30 0.00	26.99 1.89 -0.16	30.46 1.65 -5.14	21.47 1.33 -0.65
W50THST__13_KV_LOAD 356117	17.77 0.90 0.00	21.84 1.05 0.00	17.49 0.85 0.00	17.46 0.79 0.00	23.12 0.96 0.00	26.99 1.39 0.00	42.36 2.35 0.00	38.54 2.24 0.00	33.25 2.20 0.00	36.69 2.30 0.00	33.02 2.19 -0.23	31.50 1.76 -6.75	83.76 1.75 -57.68	30.06 1.96 -1.09	33.78 2.42 0.00	30.51 2.17 0.00	51.01 3.56 0.00	51.23 3.93 0.00	50.00 3.67 0.00	46.25 3.40 0.00	48.73 3.62 0.00	27.16 2.06 -0.16	30.62 1.81 -5.14	21.58 1.45 -0.65
WADING RIVER_IC_1 23522	17.68 0.81 0.00	21.83 1.05 0.00	17.70 1.07 0.00	17.68 1.01 0.00	22.97 0.81 0.00	26.89 1.29 0.00	41.90 1.89 0.00	38.14 1.85 0.00	32.77 1.71 0.00	35.59 1.20 0.00	32.20 1.38 -0.23	30.68 0.98 -6.72	82.78 1.03 -57.42	29.56 1.47 -1.08	33.53 2.17 0.00	30.71 2.37 0.00	51.14 3.70 0.00	50.75 3.45 0.00	49.32 2.99 0.00	46.13 3.27 0.00	49.17 4.06 0.00	27.50 2.40 -0.16	31.20 2.41 -5.12	25.54 2.04 -4.01
WADING RIVER_IC_2 23547	17.68 0.81 0.00	21.83 1.05 0.00	17.70 1.07 0.00	17.68 1.01 0.00	22.97 0.81 0.00	26.89 1.29 0.00	41.90 1.89 0.00	38.14 1.85 0.00	32.77 1.71 0.00	35.59 1.20 0.00	32.20 1.38 -0.23	30.68 0.98 -6.72	82.78 1.03 -57.42	29.56 1.47 -1.08	33.53 2.17 0.00	30.71 2.37 0.00	51.14 3.70 0.00	50.75 3.45 0.00	49.32 2.99 0.00	46.13 3.27 0.00	49.17 4.06 0.00	27.50 2.40 -0.16	31.20 2.41 -5.12	25.54 2.04 -4.01
WADING RIVER_IC_3 23601	17.68 0.81 0.00	21.83 1.05 0.00	17.70 1.07 0.00	17.68 1.01 0.00	22.97 0.81 0.00	26.89 1.29 0.00	41.90 1.89 0.00	38.14 1.85 0.00	32.77 1.71 0.00	35.59 1.20 0.00	32.20 1.38 -0.23	30.68 0.98 -6.72	82.78 1.03 -57.42	29.56 1.47 -1.08	33.53 2.17 0.00	30.71 2.37 0.00	51.14 3.70 0.00	50.75 3.45 0.00	49.32 2.99 0.00	46.13 3.27 0.00	49.17 4.06 0.00	27.50 2.40 -0.16	31.20 2.41 -5.12	25.54 2.04 -4.01
WALDENNY_12_KV_BK2 80841	15.56 -1.31 0.00	19.32 -1.46 0.00	15.02 -1.54 0.07	15.15 -1.52 0.00	20.18 -1.97 0.00	23.55 -2.04 0.00	36.62 -3.29 0.10	29.55 -3.30 3.44	28.46 -2.56 0.03	31.61 -2.79 0.00	28.08 -2.52 0.00	21.30 -1.68 0.00	22.65 -1.69 0.00	25.14 -1.87 0.00	28.91 -2.45 0.00	26.18 -2.16 0.00	44.59 -2.85 0.00	43.86 -3.44 0.00	43.50 -2.82 0.00	39.82 -3.04 0.00	41.82 -3.29 0.00	22.86 -2.08 0.00	21.77 -1.90 0.00	17.77 -1.71 0.00
WALDEN__HYDRO 24148	17.60 0.73 0.00	21.67 0.88 0.00	17.35 0.71 0.00	17.32 0.65 0.00	22.97 0.82 0.00	26.75 1.15 0.00	42.03 2.02 0.00	38.21 1.92 0.00	32.83 1.78 0.00	36.23 1.84 0.00	32.01 1.68 0.28	15.95 1.29 8.32	-46.86 1.23 72.43	27.05 1.41 1.37	33.19 1.83 0.00	29.99 1.65 0.00	50.31 2.86 0.00	50.53 3.23 0.00	49.42 3.09 0.00	45.73 2.88 0.00	48.15 3.04 0.00	26.39 1.68 0.22	18.03 1.46 7.10	19.73 1.15 0.90
WARRENSBURG____ 23737	17.56 0.69 0.00	21.62 0.83 0.00	17.32 0.68 0.00	17.35 0.67 0.00	23.17 1.02 0.00	26.89 1.30 0.00	42.10 2.08 0.00	38.34 2.05 0.00	32.87 1.82 0.00	36.40 2.01 0.00	32.46 1.80 -0.06	26.10 1.31 -1.81	41.31 1.27 -15.71	28.65 1.35 -0.30	32.99 1.63 0.00	29.87 1.53 0.00	50.26 2.81 0.00	50.21 2.91 0.00	49.19 2.86 0.00	45.42 2.57 0.00	47.67 2.56 0.00	26.40 1.41 -0.05	26.55 1.33 -1.55	20.69 1.01 -0.20
WATERSIDE____6 8 9 23538	17.71 0.84 0.00	21.78 0.99 0.00	17.43 0.80 0.00	17.40 0.73 0.00	23.04 0.89 0.00	26.88 1.28 0.00	42.18 2.16 0.00	38.37 2.08 0.00	33.11 2.05 0.00	36.47 2.08 0.00	32.85 2.02 -0.23	31.35 1.62 -6.75	83.58 1.59 -57.66	29.90 1.80 -1.09	33.59 2.23 0.00	30.33 1.99 0.00	50.65 3.20 0.00	50.88 3.58 0.00	49.70 3.37 0.00	46.03 3.17 0.00	48.50 3.39 0.00	27.04 1.95 -0.16	30.48 1.68 -5.13	21.50 1.36 -0.65
WATKINRD_115KV_LN8_ILLION 55919	16.93 0.07 0.00	20.84 0.05 0.00	16.70 0.06 0.00	16.73 0.06 0.00	22.28 0.12 0.00	25.82 0.23 0.00	40.36 0.34 0.00	36.63 0.34 0.00	31.47 0.42 0.00	34.75 0.36 0.00	30.89 0.29 0.00	23.26 0.28 0.00	24.64 0.31 0.00	27.37 0.35 0.00	31.82 0.46 0.00	28.74 0.40 0.00	48.09 0.64 0.00	47.99 0.69 0.00	47.04 0.71 0.00	43.44 0.59 0.00	45.85 0.74 0.00	25.34 0.41 0.00	24.02 0.35 0.00	19.74 0.25 0.00
WATSON____69_KV_BK 1 55734	17.92 1.05 0.00	22.13 1.34 0.00	17.82 1.19 0.00	17.79 1.12 0.00	23.29 1.13 0.00	27.24 1.64 0.00	42.47 2.46 0.00	38.69 2.40 0.00	33.25 2.19 0.00	36.50 2.11 0.00	33.15 2.32 -0.23	31.49 1.79 -6.72	83.52 1.77 -57.42	30.31 2.21 -1.08	34.05 2.69 0.00	30.97 2.63 0.00	51.55 4.10 0.00	51.35 4.06 0.00	49.99 3.66 0.00	46.56 3.71 0.00	49.45 4.34 0.00	27.66 2.57 -0.16	31.31 2.52 -5.12	25.59 2.09 -4.01
WDELAWARE__HYD 323627	17.78 0.91 0.00	21.87 1.08 0.00	17.51 0.88 0.00	17.49 0.82 0.00	23.20 1.05 0.00	27.02 1.42 0.00	42.52 2.50 0.00	38.66 2.37 0.00	33.18 2.13 0.00	36.62 2.23 0.00	32.33 1.97 0.24	17.32 1.46 7.12	-35.81 1.39 61.54	27.46 1.61 1.16	33.46 2.10 0.00	30.29 1.95 0.00	50.86 3.41 0.00	51.11 3.81 0.00	49.99 3.67 0.00	46.24 3.39 0.00	48.64 3.53 0.00	26.67 1.92 0.19	19.29 1.69 6.07	20.05 1.33 0.77

WEST BABYLON___IC 23714	17.89 1.03 0.00	22.09 1.30 0.00	17.77 1.14 0.00	17.74 1.07 0.00	23.25 1.09 0.00	27.18 1.59 0.00	42.39 2.38 0.00	38.62 2.33 0.00	33.19 2.14 0.00	36.50 2.10 0.00	33.13 2.30 -0.23	31.49 1.79 -6.72	83.51 1.76 -57.42	30.29 2.19 -1.08	33.95 2.59 0.00	30.85 2.51 0.00	51.33 3.88 0.00	51.16 3.86 0.00	49.83 3.50 0.00	46.45 3.59 0.00	49.33 4.22 0.00	27.58 2.48 -0.16	31.22 2.44 -5.12	25.52 2.02 -4.01
WEST CANADA___HYD 24049	16.89 0.02 0.00	20.81 0.02 0.00	16.65 0.02 0.00	16.69 0.02 0.00	22.17 0.01 0.00	25.65 0.05 0.00	40.05 0.04 0.00	36.33 0.04 0.00	31.12 0.07 0.00	34.47 0.07 0.00	30.67 0.06 0.00	23.04 0.06 0.00	24.41 0.07 0.00	27.09 0.08 0.00	31.47 0.10 0.00	28.43 0.09 0.00	47.59 0.14 0.00	47.47 0.17 0.00	46.49 0.16 0.00	42.98 0.13 0.00	45.27 0.16 0.00	25.02 0.08 0.00	23.75 0.08 0.00	19.55 0.06 0.00
WESTERN_NY_WIND 24143	15.85 -1.02 0.00	19.66 -1.13 0.00	15.34 -1.24 0.05	15.45 -1.22 0.00	20.61 -1.55 0.00	24.04 -1.55 0.00	37.49 -2.46 0.06	31.94 -2.45 1.91	29.20 -1.84 0.02	32.38 -2.02 0.00	28.69 -1.91 0.00	21.75 -1.23 0.00	23.14 -1.20 0.00	25.60 -1.41 0.00	29.46 -1.90 0.00	26.75 -1.59 0.00	45.49 -1.96 0.00	45.01 -2.29 0.00	44.50 -1.83 0.00	40.72 -2.13 0.00	42.64 -2.47 0.00	23.32 -1.61 0.00	22.15 -1.52 0.00	18.09 -1.40 0.00
WESTOVER___LESR 323668	16.51 -0.36 0.00	20.35 -0.43 0.00	16.15 -0.44 0.04	16.24 -0.43 0.00	21.63 -0.53 0.00	25.12 -0.48 0.00	39.31 -0.70 0.00	35.61 -0.69 0.00	30.60 -0.45 0.00	33.89 -0.50 0.00	30.11 -0.49 0.00	22.63 -0.35 0.00	24.05 -0.29 0.00	26.73 -0.28 0.00	31.03 -0.33 0.00	27.97 -0.37 0.00	47.15 -0.30 0.00	46.64 -0.66 0.00	46.01 -0.32 0.00	42.37 -0.49 0.00	44.72 -0.39 0.00	24.57 -0.37 0.00	23.40 -0.27 0.00	19.20 -0.29 0.00
WETHRSFD_WT_PWR 323626	15.28 -1.59 0.00	18.94 -1.85 0.00	14.79 -1.75 0.09	14.91 -1.76 0.00	19.85 -2.30 0.00	23.16 -2.44 0.00	35.85 -3.80 0.36	20.45 -3.77 12.08	27.85 -3.10 0.10	31.03 -3.36 0.00	27.56 -3.04 0.00	20.86 -2.12 0.00	22.24 -2.10 0.00	24.64 -2.37 0.00	28.38 -2.98 0.01	25.66 -2.68 0.00	43.62 -3.83 0.00	42.86 -4.43 0.00	42.48 -3.85 0.00	38.90 -3.95 0.00	41.07 -4.04 0.00	22.50 -2.44 0.00	21.41 -2.26 0.00	17.55 -1.94 0.00
WHAVSTOR_138KV_BK127 55557	17.56 0.69 0.00	21.62 0.83 0.00	17.31 0.67 0.00	17.27 0.60 0.00	22.88 0.73 0.00	26.68 1.08 0.00	41.88 1.87 0.00	38.06 1.77 0.00	32.74 1.68 0.00	36.13 1.74 0.00	31.57 1.63 0.67	4.33 1.30 19.96	-146.03 1.24 171.61	25.17 1.39 3.24	33.15 1.79 0.00	29.94 1.60 0.00	50.15 2.70 0.00	50.37 3.07 0.00	49.24 2.92 0.00	45.60 2.74 0.00	48.03 2.92 0.00	25.74 1.63 0.83	-1.32 1.41 26.40	17.27 1.13 3.35
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.56 0.69 0.00	21.62 0.83 0.00	17.31 0.67 0.00	17.27 0.60 0.00	22.88 0.73 0.00	26.68 1.08 0.00	41.88 1.87 0.00	38.06 1.77 0.00	32.74 1.68 0.00	36.13 1.74 0.00	31.57 1.63 0.67	4.33 1.30 19.96	-146.03 1.24 171.61	25.17 1.39 3.24	33.15 1.79 0.00	29.94 1.60 0.00	50.15 2.70 0.00	50.37 3.07 0.00	49.24 2.92 0.00	45.60 2.74 0.00	48.03 2.92 0.00	25.74 1.63 0.83	-1.32 1.41 26.40	17.27 1.13 3.35
WHITEHAL_115KV_TB1 80871	17.87 1.01 0.00	22.02 1.24 0.00	17.66 1.03 0.00	17.68 1.01 0.00	23.85 1.70 0.00	27.75 2.16 0.00	43.43 3.42 0.00	39.69 3.40 0.00	33.87 2.82 0.00	37.49 3.09 0.00	33.48 2.81 -0.06	26.78 1.98 -1.82	42.01 1.90 -15.77	29.31 2.01 -0.30	33.85 2.49 0.00	30.82 2.48 0.00	52.55 5.10 0.00	52.09 4.79 0.00	51.13 4.81 0.00	47.17 4.32 0.00	49.28 4.17 0.00	27.34 2.36 -0.05	27.46 2.23 -1.55	21.38 1.69 -0.20
WHITEPLN_13_KV_LOAD 356215	17.76 0.89 0.00	21.85 1.06 0.00	17.49 0.86 0.00	17.46 0.79 0.00	23.14 0.98 0.00	26.99 1.39 0.00	42.37 2.36 0.00	38.56 2.27 0.00	33.20 2.15 0.00	36.65 2.25 0.00	32.97 2.13 -0.23	31.64 1.68 -6.98	85.62 1.65 -59.63	29.99 1.85 -1.13	33.67 2.31 0.00	30.41 2.07 0.00	50.94 3.49 0.00	51.17 3.87 0.00	49.99 3.66 0.00	46.26 3.41 0.00	48.70 3.60 0.00	27.11 2.01 -0.17	30.93 1.76 -5.50	21.58 1.40 -0.70
WM_FLOYD_69_KV_BK2 356380	17.76 0.89 0.00	21.92 1.13 0.00	17.72 1.09 0.00	17.70 1.03 0.00	23.07 0.91 0.00	26.98 1.39 0.00	42.06 2.05 0.00	38.28 1.99 0.00	32.91 1.85 0.00	35.90 1.50 0.00	32.53 1.70 -0.23	31.00 1.30 -6.72	83.03 1.28 -57.42	29.83 1.73 -1.08	33.68 2.32 0.00	30.75 2.41 0.00	51.22 3.78 0.00	50.96 3.66 0.00	49.54 3.21 0.00	46.23 3.37 0.00	49.13 4.02 0.00	27.46 2.37 -0.16	31.18 2.40 -5.12	25.52 2.02 -4.01
WOODARD___115KV_TB2 355635	16.48 -0.39 0.00	20.29 -0.49 0.00	16.20 -0.44 0.00	16.25 -0.42 0.00	21.59 -0.56 0.00	24.98 -0.61 0.00	38.98 -1.03 0.00	35.31 -0.99 0.00	30.27 -0.79 0.00	33.52 -0.88 0.00	29.80 -0.80 0.00	22.44 -0.54 0.00	23.81 -0.52 0.00	26.44 -0.57 0.00	30.66 -0.70 0.00	27.71 -0.63 0.00	46.53 -0.92 0.00	46.33 -0.97 0.00	45.42 -0.90 0.00	41.92 -0.93 0.00	44.08 -1.03 0.00	24.32 -0.62 0.00	23.11 -0.56 0.00	19.08 -0.41 0.00
YORK___WARBASSE 23770	17.76 0.89 0.00	21.84 1.05 0.00	17.48 0.85 0.00	17.45 0.77 0.00	23.10 0.95 0.00	26.96 1.36 0.00	42.32 2.31 0.00	38.51 2.22 0.00	33.22 2.17 0.00	36.58 2.18 0.00	32.97 2.14 -0.23	31.43 1.70 -6.75	83.66 1.67 -57.66	29.98 1.88 -1.09	33.71 2.35 0.00	30.42 2.09 0.00	50.80 3.35 0.00	51.05 3.75 0.00	49.89 3.56 0.00	46.21 3.35 0.00	48.68 3.57 0.00	27.19 2.09 -0.16	30.60 1.80 -5.13	21.59 1.46 -0.65