

# Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion											
Generator Data																											06/08/2026						
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00								
59TH STREET_GT_1	24138	41.79	35.06	31.91	30.87	30.69	33.15	41.38	41.31	35.70	34.02	35.22	36.75	38.72	40.95	45.36	46.81	54.43	66.09	72.66	78.22	69.48	58.92	49.11	40.70								
		2.92	2.23	2.06	1.94	1.90	1.91	2.16	2.59	2.68	2.95	3.14	3.16	2.97	3.42	3.86	4.10	4.81	5.40	5.19	4.71	3.62	3.07	2.65	1.97								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
74TH STREET_GT_1	24260	41.71	35.06	31.94	30.87	30.69	33.15	41.30	41.27	35.64	33.96	35.16	36.69	38.65	40.87	45.31	46.77	54.34	65.79	72.59	78.15	69.41	58.92	49.11	40.70								
		2.84	2.23	2.09	1.94	1.90	1.91	2.08	2.56	2.61	2.89	3.08	3.09	2.90	3.34	3.82	4.06	4.71	5.10	5.13	4.63	3.56	3.07	2.65	1.97								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
74TH STREET_GT_2	24261	41.71	35.06	31.94	30.87	30.69	33.15	41.30	41.27	35.64	33.96	35.16	36.69	38.65	40.87	45.31	46.77	54.34	65.79	72.59	78.15	69.41	58.92	49.11	40.70								
		2.84	2.23	2.09	1.94	1.90	1.91	2.08	2.56	2.61	2.89	3.08	3.09	2.90	3.34	3.82	4.06	4.71	5.10	5.13	4.63	3.56	3.07	2.65	1.97								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK HUDSON___FALLS	24011	41.36	34.89	31.73	30.78	30.66	33.18	41.54	40.69	34.22	32.25	33.11	34.74	36.72	38.88	43.11	43.52	50.60	62.21	69.35	76.09	68.36	58.03	48.32	40.82								
		2.49	2.07	1.88	1.85	1.87	1.94	2.31	1.97	1.19	1.18	1.03	1.14	0.97	1.35	1.62	0.81	0.99	1.52	1.89	2.57	2.50	2.18	1.86	2.09								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK RESOURCE___RCVRY	23798	41.56	35.06	31.88	30.96	30.81	33.37	41.77	40.88	34.35	32.34	33.20	34.87	36.83	39.03	43.28	43.65	50.75	62.45	69.69	76.61	68.82	58.42	48.60	41.17								
		2.68	2.23	2.03	2.02	2.01	2.13	2.55	2.17	1.32	1.27	1.12	1.28	1.07	1.50	1.78	0.94	1.14	1.76	2.22	3.09	2.97	2.57	2.14	2.44								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK S GLENS___FALLS	24028	41.36	34.89	31.73	30.78	30.66	33.18	41.54	40.69	34.22	32.25	33.11	34.74	36.72	38.88	43.11	43.52	50.60	62.21	69.35	76.09	68.36	58.03	48.32	40.82								
		2.49	2.07	1.88	1.85	1.87	1.94	2.31	1.97	1.19	1.18	1.03	1.14	0.97	1.35	1.62	0.81	0.99	1.52	1.89	2.57	2.50	2.18	1.86	2.09								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK_NYS___DAM	23527	40.82	34.40	31.25	30.35	30.26	32.62	40.68	40.30	34.08	32.28	33.17	34.53	36.47	38.47	42.45	43.65	51.15	62.75	69.56	75.80	68.30	58.14	48.27	40.35								
		1.94	1.58	1.40	1.42	1.47	1.37	1.45	1.59	1.06	1.21	1.09	0.94	0.71	0.94	0.96	0.94	1.54	2.06	2.09	2.28	2.44	2.29	1.81	1.63								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
AIR_PRODUCTS___DRP	24190	39.57	33.61	30.65	29.71	29.54	31.87	39.85	39.37	33.23	31.38	32.34	33.83	35.79	37.76	41.79	42.93	49.90	60.99	67.73	73.81	66.19	56.18	46.83	39.11								
		0.70	0.79	0.81	0.78	0.75	0.62	0.63	0.66	0.20	0.31	0.26	0.24	0.04	0.23	0.29	0.21	0.30	0.30	0.27	0.29	0.33	0.34	0.37	0.39								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
AKWESSNE_115KV_BK	355683	38.76	32.66	29.61	28.76	28.62	31.21	39.34	38.81	33.13	29.25	31.86	32.30	35.31	37.72	41.62	42.75	49.71	60.20	66.99	73.23	65.73	55.91	46.74	39.00								
		-0.12	-0.16	-0.24	-0.17	-0.17	-0.03	0.12	0.12	0.10	-0.12	-0.22	-0.13	0.18	0.19	0.12	0.04	0.10	-0.49	-0.47	-0.29	-0.13	0.06	0.28	0.27								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	1.69	0.00	1.16	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ALBANY_1_SOLAR	323833	40.20	34.07	31.04	30.12	29.95	32.31	40.32	39.57	33.36	31.41	32.34	33.83	35.79	37.80	41.83	43.05	50.15	61.48	68.68	75.21	67.50	57.41	47.76	39.85								
		1.32	1.25	1.20	1.19	1.15	1.06	1.10	0.85	0.33	0.34	0.26	0.24	0.04	0.26	0.33	0.34	0.55	0.79	1.22	1.69	1.65	1.56	1.30	1.12								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ALBANY_2_SOLAR	323834	40.20	34.04	31.04	30.12	29.95	32.31	40.32	39.57	33.36	31.41	32.34	33.83	35.79	37.80	41.83	43.05	50.15	61.48	68.61	75.21	67.50	57.41	47.71	39.81								
		1.32	1.22	1.20	1.19	1.15	1.06	1.10	0.85	0.33	0.34	0.26	0.24	0.04	0.26	0.33	0.34	0.55	0.79	1.15	1.69	1.65	1.56	1.25	1.08								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ALBANY___1	23571	39.57	33.61	30.65	29.71	29.54	31.87	39.85	39.37	33.23	31.38	32.34	33.83	35.79	37.76	41.79	42.93	49.90	60.99	67.73	73.81	66.19	56.18	46.83	39.11								
		0.70	0.79	0.81	0.78	0.75	0.62	0.63	0.66	0.20	0.31	0.26	0.24	0.04	0.23	0.29	0.21	0.30	0.30	0.27	0.29	0.33	0.34	0.37	0.39								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								

ALBANY___2 23572	39.57 0.70 0.00	33.61 0.79 0.00	30.65 0.81 0.00	29.71 0.78 0.00	29.54 0.75 0.00	31.87 0.62 0.00	39.85 0.63 0.00	39.37 0.66 0.00	33.23 0.20 0.00	31.38 0.31 0.00	32.34 0.26 0.00	33.83 0.24 0.00	35.79 0.04 0.00	37.76 0.23 0.00	41.79 0.29 0.00	42.93 0.21 0.00	49.90 0.30 0.00	60.99 0.30 0.00	67.73 0.27 0.00	73.81 0.29 0.00	66.19 0.33 0.00	56.18 0.34 0.00	46.83 0.37 0.00	39.11 0.39 0.00
ALBANY___3 23573	39.57 0.70 0.00	33.61 0.79 0.00	30.65 0.81 0.00	29.71 0.78 0.00	29.54 0.75 0.00	31.87 0.62 0.00	39.85 0.63 0.00	39.37 0.66 0.00	33.23 0.20 0.00	31.38 0.31 0.00	32.34 0.26 0.00	33.83 0.24 0.00	35.79 0.04 0.00	37.76 0.23 0.00	41.79 0.29 0.00	42.93 0.21 0.00	49.90 0.30 0.00	60.99 0.30 0.00	67.73 0.27 0.00	73.81 0.29 0.00	66.19 0.33 0.00	56.18 0.34 0.00	46.83 0.37 0.00	39.11 0.39 0.00
ALBANY___4 23574	39.57 0.70 0.00	33.61 0.79 0.00	30.65 0.81 0.00	29.71 0.78 0.00	29.54 0.75 0.00	31.87 0.62 0.00	39.85 0.63 0.00	39.37 0.66 0.00	33.23 0.20 0.00	31.38 0.31 0.00	32.34 0.26 0.00	33.83 0.24 0.00	35.79 0.04 0.00	37.76 0.23 0.00	41.79 0.29 0.00	42.93 0.21 0.00	49.90 0.30 0.00	60.99 0.30 0.00	67.73 0.27 0.00	73.81 0.29 0.00	66.19 0.33 0.00	56.18 0.34 0.00	46.83 0.37 0.00	39.11 0.39 0.00
ALBANY___LFGE 323615	39.92 1.05 0.00	33.88 1.05 0.00	30.89 1.04 0.00	29.94 1.01 0.00	29.77 0.98 0.00	32.15 0.91 0.00	40.21 0.98 0.00	39.68 0.97 0.00	33.49 0.46 0.00	31.65 0.59 0.00	32.59 0.51 0.00	34.10 0.50 0.00	36.08 0.32 0.00	38.10 0.56 0.00	42.16 0.66 0.00	43.35 0.64 0.00	50.45 0.84 0.00	61.66 0.97 0.00	68.54 1.08 0.00	74.77 1.25 0.00	67.04 1.19 0.00	56.91 1.06 0.00	47.39 0.93 0.00	39.57 0.85 0.00
ALCOA_PA_115KV_PL-6C 55860	38.91 0.04 0.00	32.79 -0.03 0.00	29.73 -0.12 0.00	28.90 -0.03 0.00	28.74 -0.06 0.00	31.34 0.09 0.00	39.46 0.24 0.00	39.36 0.39 -0.26	33.36 0.33 0.00	48.47 0.06 -17.34	32.02 -0.06 0.00	45.54 0.03 -11.91	42.56 0.43 -6.38	37.98 0.45 0.00	41.87 0.37 0.00	42.97 0.26 0.00	49.76 0.15 0.00	60.63 -0.06 0.00	67.53 0.07 0.00	73.96 0.44 0.00	66.38 0.52 0.00	56.35 0.50 0.00	47.02 0.56 0.00	39.11 0.39 0.00
ALCOA_RYNLDS___DRP 24188	38.91 0.04 0.00	32.79 -0.03 0.00	29.73 -0.12 0.00	28.90 -0.03 0.00	28.74 -0.06 0.00	31.34 0.09 0.00	39.46 0.24 0.00	39.36 0.39 -0.26	33.36 0.33 0.00	48.47 0.06 -17.34	32.02 -0.06 0.00	45.54 0.03 -11.91	42.56 0.43 -6.38	37.94 0.41 0.00	41.87 0.37 0.00	42.97 0.26 0.00	49.76 0.15 0.00	60.63 -0.06 0.00	67.53 0.07 0.00	73.89 0.37 0.00	66.32 0.46 0.00	56.35 0.50 0.00	47.02 0.56 0.00	39.19 0.46 0.00
ALCOA___DSASP 323711	38.91 0.04 0.00	32.79 -0.03 0.00	29.73 -0.12 0.00	28.90 -0.03 0.00	28.74 -0.06 0.00	31.34 0.09 0.00	39.46 0.24 0.00	39.36 0.39 -0.26	33.36 0.33 0.00	48.47 0.06 -17.34	32.02 -0.06 0.00	45.54 0.03 -11.91	42.56 0.43 -6.38	37.94 0.41 0.00	41.87 0.37 0.00	42.97 0.26 0.00	49.76 0.15 0.00	60.63 -0.06 0.00	67.53 0.07 0.00	73.89 0.37 0.00	66.32 0.46 0.00	56.35 0.50 0.00	47.02 0.56 0.00	39.19 0.46 0.00
ALLEGHENY___COGEN 23514	38.13 -0.82 -0.08	32.17 -0.66 0.00	29.18 -0.75 -0.08	28.20 -0.81 -0.08	28.24 -0.63 -0.08	39.87 -0.69 -9.32	72.67 -0.78 -34.23	50.17 -1.59 -13.04	31.61 -1.42 0.00	30.01 -1.06 0.00	31.02 -1.06 0.00	32.52 -1.08 0.00	34.11 -1.64 0.00	35.73 -1.80 0.00	39.67 -1.82 0.00	41.30 -1.50 -0.09	49.38 -1.64 -1.41	62.78 -0.49 -2.58	70.86 0.87 -2.53	75.37 1.55 -0.30	69.24 1.45 -1.93	64.30 0.89 -7.56	54.56 0.09 -8.00	38.38 -0.27 0.08
ALTAMONT_115KV_TB 2 55880	39.85 0.97 0.00	33.68 0.85 0.00	30.71 0.87 0.00	29.77 0.84 0.00	29.60 0.81 0.00	31.99 0.75 0.00	40.01 0.78 0.00	39.49 0.77 0.00	33.56 0.53 0.00	31.69 0.62 0.00	32.69 0.61 0.00	34.20 0.60 0.00	36.18 0.43 0.00	38.13 0.60 0.00	42.20 0.71 0.00	43.35 0.64 0.00	50.45 0.84 0.00	61.66 0.97 0.00	68.54 1.08 0.00	74.55 1.03 0.00	66.85 0.99 0.00	56.80 0.95 0.00	47.30 0.84 0.00	39.42 0.70 0.00
ALTONA_WT_PWR 323606	38.91 0.04 0.00	32.83 0.00 0.00	29.79 -0.06 0.00	28.96 0.03 0.00	28.79 0.00 0.00	31.40 0.16 0.00	39.58 0.35 0.00	39.10 0.39 0.00	33.36 0.33 0.00	31.19 0.12 0.00	32.11 0.03 0.00	33.70 0.10 0.00	36.18 0.43 0.00	37.98 0.45 0.00	41.91 0.41 0.00	43.10 0.38 0.00	50.10 0.50 0.00	61.12 0.43 0.00	68.00 0.54 0.00	74.33 0.81 0.00	66.65 0.79 0.00	56.52 0.67 0.00	47.06 0.60 0.00	39.15 0.43 0.00
AMERICAN_REF_FUEL 24010	33.76 -5.09 0.02	28.72 -4.10 0.00	25.98 -3.85 0.02	25.12 -3.79 0.02	25.03 -3.74 0.02	24.94 -3.88 2.42	25.54 -4.83 8.86	31.24 -5.27 2.21	28.86 -4.16 0.00	28.02 -3.04 0.00	29.19 -2.89 0.00	30.54 -3.06 0.00	31.78 -3.97 0.00	33.18 -4.35 0.00	36.56 -4.94 0.00	37.81 -4.70 0.20	42.45 -5.46 1.70	51.39 -5.95 3.35	58.08 -6.27 3.11	63.70 -7.50 2.32	55.55 -7.24 3.07	45.37 -6.37 4.11	37.60 -5.58 3.28	33.94 -4.69 0.10
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.31 -3.54 0.02	29.84 -2.99 0.00	26.96 -2.87 0.02	26.13 -2.78 0.02	26.12 -2.65 0.02	25.60 -2.69 2.95	25.09 -3.33 10.80	32.21 -3.72 2.79	30.29 -2.74 0.00	29.51 -1.55 0.00	30.76 -1.32 0.00	32.28 -1.31 0.00	33.68 -2.07 0.00	35.24 -2.29 0.00	39.01 -2.49 0.00	40.24 -2.27 0.20	45.65 -2.23 1.72	55.39 -1.88 3.42	62.55 -1.75 3.16	67.30 -4.04 2.18	58.61 -4.35 2.89	48.80 -3.13 3.92	40.08 -3.21 3.17	34.45 -4.18 0.09
ARTHUR KILL_GT_1 23520	41.88 2.99 -0.01	35.26 2.43 -0.01	32.03 2.18 -0.01	30.99 2.05 -0.01	30.82 2.02 -0.01	33.21 1.97 0.00	41.19 1.96 0.00	41.08 2.36 0.00	35.44 2.41 0.00	33.83 2.76 0.00	35.03 2.95 0.00	36.62 3.02 0.00	38.61 2.86 0.00	40.83 3.30 0.00	45.32 3.82 -0.01	46.82 4.10 -0.01	54.34 4.71 -0.02	65.24 4.55 0.00	72.05 4.59 0.00	77.20 3.68 0.00	68.76 2.90 0.00	58.87 3.02 0.00	49.20 2.74 0.00	40.93 2.21 0.00
ARTHUR_KILL_2 23512	41.72 2.84 -0.01	35.16 2.33 -0.01	31.94 2.09 -0.01	30.91 1.97 -0.01	30.73 1.93 -0.01	33.12 1.87 0.00	41.07 1.84 0.00	40.96 2.24 0.00	35.34 2.31 0.00	33.74 2.67 0.00	34.94 2.85 0.00	36.52 2.92 0.00	38.47 2.72 0.00	40.72 3.19 0.00	45.20 3.69 -0.01	46.69 3.97 -0.01	54.19 4.56 -0.02	64.93 4.25 0.01	71.51 4.05 0.00	76.90 3.38 0.00	68.42 2.57 0.00	58.64 2.79 0.00	49.01 2.55 0.00	40.85 2.13 0.00
ARTHUR_KILL_3 23513	41.29 2.41 0.00	34.76 1.94 0.00	31.67 1.82 0.00	30.61 1.68 0.00	30.43 1.64 0.00	32.87 1.62 0.00	40.95 1.72 0.00	40.88 2.17 0.00	35.34 2.31 0.00	33.71 2.64 0.00	34.87 2.79 0.00	36.38 2.79 0.00	38.29 2.54 0.00	40.54 3.00 0.00	44.94 3.44 0.00	46.39 3.67 0.00	53.84 4.21 -0.01	65.12 4.43 0.00	71.65 4.18 0.00	77.41 3.89 0.00	68.75 2.89 0.00	58.30 2.45 0.00	48.60 2.14 0.00	40.35 1.63 0.00

ARTHUR_KILL_COGEN 323718	41.84 2.95 -0.01	35.26 2.43 -0.01	32.03 2.18 -0.01	30.99 2.05 -0.01	30.82 2.01 -0.01	33.21 1.97 0.00	41.18 1.96 0.00	41.08 2.36 0.00	35.44 2.41 0.00	33.83 2.76 0.00	35.03 2.95 0.00	36.62 3.02 0.00	38.58 2.82 0.00	40.84 3.30 0.00	45.32 3.82 -0.01	46.82 4.10 -0.01	54.34 4.72 -0.02	65.17 4.49 0.01	71.79 4.32 0.00	77.12 3.60 0.00	68.69 2.83 0.00	58.86 3.01 0.00	49.15 2.69 0.00	40.97 2.25 0.00
ASHOKAN____ 23654	41.09 2.21 0.00	34.70 1.87 0.00	31.58 1.73 0.00	30.58 1.65 0.00	30.32 1.52 0.00	32.65 1.41 0.00	40.68 1.45 0.00	40.07 1.35 0.00	33.95 0.92 0.00	31.93 0.87 0.00	33.01 0.93 0.00	34.50 0.91 0.00	36.36 0.61 0.00	38.55 1.01 0.00	42.86 1.37 0.00	44.38 1.66 0.00	51.84 2.23 0.00	63.78 3.09 0.00	71.04 3.57 0.00	77.34 3.82 0.00	69.08 3.23 0.00	58.75 2.90 0.00	48.55 2.09 0.00	40.39 1.66 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.72 2.84 -0.01	35.00 2.17 -0.01	31.97 2.12 -0.01	30.93 1.99 -0.01	30.73 1.93 -0.01	33.24 2.00 0.00	40.91 1.69 0.00	40.84 2.13 0.01	35.33 2.31 0.01	33.83 2.76 0.00	34.96 2.89 0.01	36.44 2.85 0.01	38.39 2.65 0.01	40.60 3.08 0.01	45.11 3.61 -0.01	46.52 3.80 -0.01	54.03 4.41 -0.01	64.99 4.31 0.01	71.44 3.98 0.01	77.04 3.53 0.01	68.42 2.57 0.01	58.13 2.29 0.01	48.60 2.14 0.00	40.54 1.82 0.00
ASTORIA_EAST_ENERGY_CC2 323582	41.72 2.84 -0.01	35.00 2.17 -0.01	31.97 2.12 -0.01	30.93 1.99 -0.01	30.73 1.93 -0.01	33.24 2.00 0.00	40.91 1.69 0.00	40.84 2.13 0.01	35.33 2.31 0.01	33.83 2.76 0.00	34.96 2.89 0.01	36.44 2.85 0.01	38.39 2.65 0.01	40.60 3.08 0.01	45.11 3.61 -0.01	46.52 3.80 -0.01	54.03 4.41 -0.01	64.99 4.31 0.01	71.44 3.98 0.01	77.04 3.53 0.01	68.42 2.57 0.01	58.13 2.29 0.01	48.60 2.14 0.00	40.54 1.82 0.00
ASTORIA_GT2_1 24094	41.72 2.84 -0.01	35.00 2.17 -0.01	31.97 2.12 -0.01	30.94 2.00 -0.01	30.76 1.96 -0.01	33.24 2.00 0.00	40.91 1.69 0.00	40.88 2.17 0.00	35.40 2.38 0.00	33.89 2.83 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.61 3.08 0.00	45.16 3.65 -0.01	46.56 3.84 -0.01	54.04 4.41 -0.02	65.12 4.43 0.00	71.71 4.25 0.00	77.05 3.53 0.00	68.56 2.70 0.00	58.20 2.35 0.00	48.69 2.23 0.00	40.54 1.82 0.00
ASTORIA_GT2_2 24095	41.72 2.84 -0.01	35.00 2.17 -0.01	31.97 2.12 -0.01	30.94 2.00 -0.01	30.76 1.96 -0.01	33.24 2.00 0.00	40.91 1.69 0.00	40.88 2.17 0.00	35.40 2.38 0.00	33.89 2.83 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.61 3.08 0.00	45.16 3.65 -0.01	46.56 3.84 -0.01	54.04 4.41 -0.02	65.12 4.43 0.00	71.71 4.25 0.00	77.05 3.53 0.00	68.56 2.70 0.00	58.20 2.35 0.00	48.69 2.23 0.00	40.54 1.82 0.00
ASTORIA_GT2_3 24096	41.72 2.84 -0.01	35.00 2.17 -0.01	31.97 2.12 -0.01	30.94 2.00 -0.01	30.76 1.96 -0.01	33.24 2.00 0.00	40.91 1.69 0.00	40.88 2.17 0.00	35.40 2.38 0.00	33.89 2.83 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.61 3.08 0.00	45.16 3.65 -0.01	46.56 3.84 -0.01	54.04 4.41 -0.02	65.12 4.43 0.00	71.71 4.25 0.00	77.05 3.53 0.00	68.56 2.70 0.00	58.20 2.35 0.00	48.69 2.23 0.00	40.54 1.82 0.00
ASTORIA_GT2_4 24097	41.72 2.84 -0.01	35.00 2.17 -0.01	31.97 2.12 -0.01	30.94 2.00 -0.01	30.76 1.96 -0.01	33.24 2.00 0.00	40.91 1.69 0.00	40.88 2.17 0.00	35.40 2.38 0.00	33.89 2.83 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.61 3.08 0.00	45.16 3.65 -0.01	46.56 3.84 -0.01	54.04 4.41 -0.02	65.12 4.43 0.00	71.71 4.25 0.00	77.05 3.53 0.00	68.56 2.70 0.00	58.20 2.35 0.00	48.69 2.23 0.00	40.54 1.82 0.00
ASTORIA_GT3_1 24098	41.72 2.84 -0.01	35.00 2.17 -0.01	31.97 2.12 -0.01	30.94 2.00 -0.01	30.76 1.96 -0.01	33.24 2.00 0.00	40.91 1.69 0.00	40.88 2.17 0.00	35.40 2.38 0.00	33.89 2.83 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.61 3.08 0.00	45.16 3.65 -0.01	46.56 3.84 -0.01	54.04 4.41 -0.02	65.12 4.43 0.00	71.71 4.25 0.00	77.05 3.53 0.00	68.56 2.70 0.00	58.20 2.35 0.00	48.69 2.23 0.00	40.54 1.82 0.00
ASTORIA_GT3_2 24099	41.72 2.84 -0.01	35.00 2.17 -0.01	31.97 2.12 -0.01	30.94 2.00 -0.01	30.76 1.96 -0.01	33.24 2.00 0.00	40.91 1.69 0.00	40.88 2.17 0.00	35.40 2.38 0.00	33.89 2.83 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.61 3.08 0.00	45.16 3.65 -0.01	46.56 3.84 -0.01	54.04 4.41 -0.02	65.12 4.43 0.00	71.71 4.25 0.00	77.05 3.53 0.00	68.56 2.70 0.00	58.20 2.35 0.00	48.69 2.23 0.00	40.54 1.82 0.00
ASTORIA_GT3_3 24100	41.72 2.84 -0.01	35.00 2.17 -0.01	31.97 2.12 -0.01	30.94 2.00 -0.01	30.76 1.96 -0.01	33.24 2.00 0.00	40.91 1.69 0.00	40.88 2.17 0.00	35.40 2.38 0.00	33.89 2.83 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.61 3.08 0.00	45.16 3.65 -0.01	46.56 3.84 -0.01	54.04 4.41 -0.02	65.12 4.43 0.00	71.71 4.25 0.00	77.05 3.53 0.00	68.56 2.70 0.00	58.20 2.35 0.00	48.69 2.23 0.00	40.54 1.82 0.00
ASTORIA_GT3_4 24101	41.72 2.84 -0.01	35.00 2.17 -0.01	31.97 2.12 -0.01	30.94 2.00 -0.01	30.76 1.96 -0.01	33.24 2.00 0.00	40.91 1.69 0.00	40.88 2.17 0.00	35.40 2.38 0.00	33.89 2.83 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.61 3.08 0.00	45.16 3.65 -0.01	46.56 3.84 -0.01	54.04 4.41 -0.02	65.12 4.43 0.00	71.71 4.25 0.00	77.05 3.53 0.00	68.56 2.70 0.00	58.20 2.35 0.00	48.69 2.23 0.00	40.54 1.82 0.00
ASTORIA_GT4_1 24102	41.72 2.84 -0.01	35.00 2.17 -0.01	31.97 2.12 -0.01	30.94 2.00 -0.01	30.76 1.96 -0.01	33.24 2.00 0.00	40.91 1.69 0.00	40.88 2.17 0.00	35.40 2.38 0.00	33.89 2.83 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.61 3.08 0.00	45.16 3.65 -0.01	46.56 3.84 -0.01	54.04 4.41 -0.02	65.12 4.43 0.00	71.71 4.25 0.00	77.05 3.53 0.00	68.56 2.70 0.00	58.20 2.35 0.00	48.69 2.23 0.00	40.54 1.82 0.00
ASTORIA_GT4_2 24103	41.72 2.84 -0.01	35.00 2.17 -0.01	31.97 2.12 -0.01	30.94 2.00 -0.01	30.76 1.96 -0.01	33.24 2.00 0.00	40.91 1.69 0.00	40.88 2.17 0.00	35.40 2.38 0.00	33.89 2.83 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.61 3.08 0.00	45.16 3.65 -0.01	46.56 3.84 -0.01	54.04 4.41 -0.02	65.12 4.43 0.00	71.71 4.25 0.00	77.05 3.53 0.00	68.56 2.70 0.00	58.20 2.35 0.00	48.69 2.23 0.00	40.54 1.82 0.00
ASTORIA_GT4_3 24104	41.72 2.84 -0.01	35.00 2.17 -0.01	31.97 2.12 -0.01	30.94 2.00 -0.01	30.76 1.96 -0.01	33.24 2.00 0.00	40.91 1.69 0.00	40.88 2.17 0.00	35.40 2.38 0.00	33.89 2.83 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.61 3.08 0.00	45.16 3.65 -0.01	46.56 3.84 -0.01	54.04 4.41 -0.02	65.12 4.43 0.00	71.71 4.25 0.00	77.05 3.53 0.00	68.56 2.70 0.00	58.20 2.35 0.00	48.69 2.23 0.00	40.54 1.82 0.00

ASTORIA_GT4_4 24105	41.72 2.84 -0.01	35.00 2.17 -0.01	31.97 2.12 -0.01	30.94 2.00 -0.01	30.76 1.96 -0.01	33.24 2.00 0.00	40.91 1.69 0.00	40.88 2.17 0.00	35.40 2.38 0.00	33.89 2.83 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.61 3.08 0.00	45.16 3.65 -0.01	46.56 3.84 -0.01	54.04 4.41 -0.02	65.12 4.43 0.00	71.71 4.25 0.00	77.05 3.53 0.00	68.56 2.70 0.00	58.20 2.35 0.00	48.69 2.23 0.00	40.54 1.82 0.00
ASTORIA_GT_1 23523	41.80 2.92 -0.01	35.07 2.23 -0.01	32.03 2.18 -0.01	30.99 2.05 -0.01	30.79 1.99 -0.01	33.31 2.06 0.00	40.99 1.77 0.00	40.96 2.25 0.00	35.47 2.44 0.00	33.96 2.89 0.00	35.03 2.95 0.00	36.55 2.96 0.00	38.51 2.75 0.00	40.72 3.19 0.00	45.24 3.73 -0.01	46.65 3.93 -0.01	54.19 4.56 -0.02	65.24 4.55 0.00	71.85 4.39 0.00	77.27 3.75 0.00	68.69 2.83 0.00	58.31 2.46 0.00	48.78 2.32 0.00	40.62 1.90 0.00
ASTORIA_GT_10 24110	41.60 2.72 -0.01	35.00 2.17 -0.01	31.88 2.03 -0.01	30.85 1.91 -0.01	30.67 1.87 -0.01	33.09 1.84 0.00	41.03 1.80 0.00	41.00 2.28 0.00	35.47 2.44 0.00	33.86 2.80 0.00	35.00 2.92 0.00	36.55 2.96 0.00	38.51 2.75 0.00	40.68 3.15 0.00	45.16 3.65 -0.01	46.61 3.89 -0.01	54.04 4.41 -0.02	65.30 4.61 0.00	71.92 4.45 0.00	77.34 3.82 0.00	68.76 2.90 0.00	58.42 2.57 0.00	48.78 2.32 0.00	40.54 1.82 0.00
ASTORIA_GT_11 24225	41.60 2.72 -0.01	35.00 2.17 -0.01	31.88 2.03 -0.01	30.85 1.91 -0.01	30.67 1.87 -0.01	33.09 1.84 0.00	41.03 1.80 0.00	41.00 2.28 0.00	35.47 2.44 0.00	33.86 2.80 0.00	35.00 2.92 0.00	36.55 2.96 0.00	38.51 2.75 0.00	40.68 3.15 0.00	45.16 3.65 -0.01	46.61 3.89 -0.01	54.04 4.41 -0.02	65.30 4.61 0.00	71.92 4.45 0.00	77.34 3.82 0.00	68.76 2.90 0.00	58.42 2.57 0.00	48.78 2.32 0.00	40.54 1.82 0.00
ASTORIA_GT_12 24226	41.60 2.72 -0.01	35.00 2.17 -0.01	31.88 2.03 -0.01	30.85 1.91 -0.01	30.67 1.87 -0.01	33.09 1.84 0.00	41.03 1.80 0.00	41.00 2.28 0.00	35.47 2.44 0.00	33.86 2.80 0.00	35.00 2.92 0.00	36.55 2.96 0.00	38.51 2.75 0.00	40.68 3.15 0.00	45.16 3.65 -0.01	46.61 3.89 -0.01	54.04 4.41 -0.02	65.30 4.61 0.00	71.92 4.45 0.00	77.34 3.82 0.00	68.76 2.90 0.00	58.42 2.57 0.00	48.78 2.32 0.00	40.54 1.82 0.00
ASTORIA_GT_13 24227	41.60 2.72 -0.01	35.00 2.17 -0.01	31.88 2.03 -0.01	30.85 1.91 -0.01	30.67 1.87 -0.01	33.09 1.84 0.00	41.03 1.80 0.00	41.00 2.28 0.00	35.47 2.44 0.00	33.86 2.80 0.00	35.00 2.92 0.00	36.55 2.96 0.00	38.51 2.75 0.00	40.68 3.15 0.00	45.16 3.65 -0.01	46.61 3.89 -0.01	54.04 4.41 -0.02	65.30 4.61 0.00	71.92 4.45 0.00	77.34 3.82 0.00	68.76 2.90 0.00	58.42 2.57 0.00	48.78 2.32 0.00	40.54 1.82 0.00
ASTORIA_GT_5 24106	41.80 2.92 -0.01	35.07 2.23 -0.01	32.03 2.18 -0.01	30.99 2.05 -0.01	30.79 1.99 -0.01	33.31 2.06 0.00	40.99 1.77 0.00	40.96 2.25 0.00	35.47 2.44 0.00	33.96 2.89 0.00	35.03 2.95 0.00	36.55 2.96 0.00	38.51 2.75 0.00	40.72 3.19 0.00	45.24 3.73 -0.01	46.65 3.93 -0.01	54.19 4.56 -0.02	65.24 4.55 0.00	71.85 4.39 0.00	77.27 3.75 0.00	68.69 2.83 0.00	58.31 2.46 0.00	48.78 2.32 0.00	40.62 1.90 0.00
ASTORIA_GT_7 24107	41.80 2.92 -0.01	35.07 2.23 -0.01	32.03 2.18 -0.01	30.99 2.05 -0.01	30.79 1.99 -0.01	33.31 2.06 0.00	40.99 1.77 0.00	40.96 2.25 0.00	35.47 2.44 0.00	33.96 2.89 0.00	35.03 2.95 0.00	36.55 2.96 0.00	38.51 2.75 0.00	40.72 3.19 0.00	45.24 3.73 -0.01	46.65 3.93 -0.01	54.19 4.56 -0.02	65.24 4.55 0.00	71.85 4.39 0.00	77.27 3.75 0.00	68.69 2.83 0.00	58.31 2.46 0.00	48.78 2.32 0.00	40.62 1.90 0.00
ASTORIA_GT_8 24108	41.80 2.92 -0.01	35.07 2.23 -0.01	32.03 2.18 -0.01	30.99 2.05 -0.01	30.79 1.99 -0.01	33.31 2.06 0.00	40.99 1.77 0.00	40.96 2.25 0.00	35.47 2.44 0.00	33.96 2.89 0.00	35.03 2.95 0.00	36.55 2.96 0.00	38.51 2.75 0.00	40.72 3.19 0.00	45.24 3.73 -0.01	46.65 3.93 -0.01	54.19 4.56 -0.02	65.24 4.55 0.00	71.85 4.39 0.00	77.27 3.75 0.00	68.69 2.83 0.00	58.31 2.46 0.00	48.78 2.32 0.00	40.62 1.90 0.00
ASTORIA___2 24149	41.72 2.84 -0.01	35.03 2.20 -0.01	31.97 2.12 -0.01	30.93 1.99 -0.01	30.76 1.96 -0.01	33.24 2.00 0.00	40.91 1.69 0.00	40.88 2.17 0.01	35.36 2.35 0.01	33.83 2.76 0.00	34.96 2.89 0.01	36.48 2.89 0.01	38.39 2.65 0.01	40.60 3.08 0.01	45.16 3.65 -0.01	46.57 3.85 -0.01	54.03 4.41 -0.01	65.05 4.37 0.01	71.50 4.05 0.01	77.04 3.53 0.01	68.49 2.64 0.01	58.19 2.35 0.01	48.64 2.18 0.00	40.58 1.86 0.00
ASTORIA___3 23516	41.60 2.72 -0.01	35.00 2.17 -0.01	31.89 2.03 -0.01	30.85 1.91 -0.01	30.67 1.87 -0.01	33.09 1.84 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.44 2.41 0.00	33.83 2.76 0.00	35.00 2.92 0.00	36.55 2.96 0.00	38.47 2.72 0.00	40.68 3.15 0.00	45.16 3.65 -0.01	46.61 3.89 -0.01	54.04 4.41 -0.02	65.24 4.55 0.00	71.72 4.25 0.00	77.34 3.82 0.00	68.69 2.83 0.00	58.42 2.57 0.00	48.74 2.28 0.00	40.58 1.86 0.00
ASTORIA___4 23517	41.60 2.72 -0.01	35.00 2.17 -0.01	31.88 2.03 -0.01	30.85 1.91 -0.01	30.67 1.87 -0.01	33.09 1.84 0.00	41.03 1.80 0.00	41.00 2.28 0.00	35.47 2.44 0.00	33.86 2.80 0.00	35.00 2.92 0.00	36.55 2.96 0.00	38.51 2.75 0.00	40.68 3.15 0.00	45.16 3.65 -0.01	46.61 3.89 -0.01	54.04 4.41 -0.02	65.30 4.61 0.00	71.92 4.45 0.00	77.34 3.82 0.00	68.76 2.90 0.00	58.42 2.57 0.00	48.78 2.32 0.00	40.54 1.82 0.00
ASTORIA___5 23518	41.60 2.72 -0.01	35.00 2.17 -0.01	31.89 2.03 -0.01	30.85 1.91 -0.01	30.67 1.87 -0.01	33.09 1.84 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.44 2.41 0.00	33.83 2.76 0.00	35.00 2.92 0.00	36.55 2.96 0.00	38.47 2.72 0.00	40.68 3.15 0.00	45.16 3.65 -0.01	46.61 3.89 -0.01	54.04 4.41 -0.02	65.24 4.55 0.00	71.72 4.25 0.00	77.34 3.82 0.00	68.69 2.83 0.00	58.42 2.57 0.00	48.74 2.28 0.00	40.58 1.86 0.00
AST_ENERGY_2_CC3 323677	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.37 2.35 0.00	33.74 2.67 0.00	34.90 2.82 0.00	36.42 2.82 0.00	38.36 2.61 0.00	40.57 3.04 0.00	44.98 3.49 0.00	46.43 3.71 0.00	53.89 4.27 -0.02	65.24 4.55 0.00	71.79 4.32 0.00	77.56 4.04 0.00	68.89 3.03 0.00	58.48 2.63 0.00	48.74 2.28 0.00	40.51 1.78 0.00
AST_ENERGY_2_CC4 323678	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.37 2.35 0.00	33.74 2.67 0.00	34.90 2.82 0.00	36.42 2.82 0.00	38.36 2.61 0.00	40.57 3.04 0.00	44.98 3.49 0.00	46.43 3.71 0.00	53.89 4.27 -0.02	65.24 4.55 0.00	71.79 4.32 0.00	77.56 4.04 0.00	68.89 3.03 0.00	58.48 2.63 0.00	48.74 2.28 0.00	40.51 1.78 0.00

ATHENS_STG_1 23668	40.20 1.32 0.00	33.91 1.08 0.00	30.89 1.04 0.00	29.94 1.01 0.00	29.80 1.01 0.00	32.15 0.91 0.00	40.16 0.94 0.00	39.84 1.12 0.00	34.02 0.99 0.00	32.22 1.15 0.00	33.27 1.19 0.00	34.77 1.18 0.00	36.75 1.00 0.00	38.77 1.24 0.00	42.91 1.41 0.00	44.08 1.37 0.00	51.24 1.63 0.00	62.45 1.76 0.00	69.08 1.62 0.00	74.99 1.47 0.00	67.11 1.25 0.00	56.97 1.12 0.00	47.53 1.07 0.00	39.65 0.93 0.00
ATHENS_STG_2 23670	40.20 1.32 0.00	33.91 1.08 0.00	30.89 1.04 0.00	29.94 1.01 0.00	29.80 1.01 0.00	32.15 0.91 0.00	40.16 0.94 0.00	39.84 1.12 0.00	34.02 0.99 0.00	32.22 1.15 0.00	33.27 1.19 0.00	34.77 1.18 0.00	36.75 1.00 0.00	38.77 1.24 0.00	42.91 1.41 0.00	44.08 1.37 0.00	51.24 1.63 0.00	62.45 1.76 0.00	69.08 1.62 0.00	74.99 1.47 0.00	67.11 1.25 0.00	56.97 1.12 0.00	47.53 1.07 0.00	39.65 0.93 0.00
ATHENS_STG_3 23677	40.20 1.32 0.00	33.91 1.08 0.00	30.89 1.04 0.00	29.94 1.01 0.00	29.80 1.01 0.00	32.15 0.91 0.00	40.16 0.94 0.00	39.84 1.12 0.00	34.02 0.99 0.00	32.22 1.15 0.00	33.27 1.19 0.00	34.77 1.18 0.00	36.75 1.00 0.00	38.77 1.24 0.00	42.91 1.41 0.00	44.08 1.37 0.00	51.24 1.63 0.00	62.45 1.76 0.00	69.08 1.62 0.00	74.99 1.47 0.00	67.11 1.25 0.00	56.97 1.12 0.00	47.53 1.07 0.00	39.65 0.93 0.00
AUBURN___LFGE 323710	38.57 -0.31 -0.01	32.66 -0.16 0.00	29.64 -0.21 -0.01	28.68 -0.26 -0.01	28.63 -0.17 -0.01	31.69 -0.22 -0.66	41.27 -0.39 -2.44	39.08 -0.46 -0.83	32.63 -0.40 0.00	31.06 -0.25 -0.24	31.92 -0.16 0.00	33.70 -0.07 -0.17	35.52 -0.32 -0.09	37.01 -0.53 0.00	42.08 -0.54 -1.12	43.43 -0.38 -1.10	50.53 -0.45 -1.37	62.12 -0.06 -1.49	69.06 0.20 -1.40	75.81 0.44 -1.85	67.50 0.40 -1.25	57.41 0.22 -1.34	47.79 -0.14 -1.47	39.19 -0.23 -0.70
BABYLON_RES_REC 323704	43.25 3.54 -0.84	35.71 2.49 -0.39	32.02 2.18 0.00	30.93 1.99 0.00	30.78 1.99 0.00	33.21 1.97 0.00	41.66 2.43 0.00	41.90 3.06 -0.13	36.39 2.81 -0.56	34.89 3.11 -0.71	35.85 3.43 -0.34	37.52 3.46 -0.46	39.44 3.25 -0.43	41.92 3.75 -0.64	47.05 4.23 -1.32	48.97 4.44 -1.82	54.97 4.17 -1.20	66.66 4.55 -1.42	72.62 3.98 -1.18	77.44 3.46 -0.47	68.86 2.30 -0.69	58.76 1.90 -1.01	49.84 2.98 -0.41	42.11 2.52 -0.87
BALL_HILL_WT_PWR 323825	35.12 -3.73 0.03	29.77 -3.05 0.00	26.95 -2.87 0.03	26.07 -2.83 0.03	26.09 -2.68 0.03	25.36 -2.72 3.17	24.24 -3.41 11.58	31.90 -3.83 2.98	30.09 -2.94 0.00	29.20 -1.86 0.00	30.45 -1.63 0.00	31.88 -1.71 0.00	33.25 -2.50 0.00	34.75 -2.78 0.00	38.43 -3.07 0.00	39.68 -2.82 0.21	44.88 -2.93 1.79	54.40 -2.73 3.56	61.40 -2.77 3.29	66.33 -4.85 2.34	57.79 -4.87 3.20	47.72 -3.52 4.61	39.28 -3.35 3.83	34.72 -3.91 0.09
BARON_WINDS___WT_PWR 323822	37.17 -1.60 0.11	31.61 -1.21 0.00	28.54 -1.19 0.11	27.61 -1.21 0.11	27.62 -1.06 0.11	16.83 -0.97 13.45	-11.52 -1.37 49.37	23.60 -1.93 13.18	31.24 -1.78 0.00	29.85 -1.21 0.00	31.05 -1.03 0.00	32.59 -1.01 0.00	34.22 -1.54 0.00	35.84 -1.69 0.00	39.94 -1.82 -0.27	41.10 -1.50 0.11	44.57 -1.39 3.65	52.44 -0.91 7.34	59.99 -0.54 6.93	68.36 -1.47 3.69	57.38 -1.39 7.09	39.32 -0.73 15.80	30.39 -1.07 15.00	37.10 -1.74 -0.12
BARRETT_IC_1 23704	41.99 3.11 0.00	35.06 2.23 0.00	31.82 1.97 0.00	30.73 1.79 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.34 2.12 0.00	41.39 2.67 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.20 3.11 -0.01	36.76 3.16 -0.01	38.69 2.93 0.00	40.92 3.38 -0.01	45.88 3.78 -0.61	47.75 4.01 -1.03	53.58 3.97 -0.01	65.19 4.43 -0.07	71.31 3.78 -0.07	76.90 3.31 -0.07	68.10 2.24 0.00	57.75 1.90 0.00	49.01 2.55 0.00	40.85 2.13 0.00
BARRETT_IC_10 23701	41.99 3.11 0.00	35.06 2.23 0.00	31.82 1.97 0.00	30.73 1.79 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.34 2.12 0.00	41.39 2.67 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.20 3.11 -0.01	36.76 3.16 -0.01	38.69 2.93 0.00	40.92 3.38 -0.01	45.88 3.78 -0.61	47.75 4.01 -1.03	53.58 3.97 -0.01	65.19 4.43 -0.07	71.31 3.78 -0.07	76.90 3.31 -0.07	68.10 2.24 0.00	57.75 1.90 0.00	49.01 2.55 0.00	40.85 2.13 0.00
BARRETT_IC_11 23702	41.99 3.11 0.00	35.06 2.23 0.00	31.82 1.97 0.00	30.73 1.79 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.34 2.12 0.00	41.39 2.67 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.20 3.11 -0.01	36.76 3.16 -0.01	38.69 2.93 0.00	40.92 3.38 -0.01	45.88 3.78 -0.61	47.75 4.01 -1.03	53.58 3.97 -0.01	65.19 4.43 -0.07	71.31 3.78 -0.07	76.90 3.31 -0.07	68.10 2.24 0.00	57.75 1.90 0.00	49.01 2.55 0.00	40.85 2.13 0.00
BARRETT_IC_12 23703	41.99 3.11 0.00	35.06 2.23 0.00	31.82 1.97 0.00	30.73 1.79 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.34 2.12 0.00	41.39 2.67 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.20 3.11 -0.01	36.76 3.16 -0.01	38.69 2.93 0.00	40.92 3.38 -0.01	45.88 3.78 -0.61	47.75 4.01 -1.03	53.58 3.97 -0.01	65.19 4.43 -0.07	71.31 3.78 -0.07	76.90 3.31 -0.07	68.10 2.24 0.00	57.75 1.90 0.00	49.01 2.55 0.00	40.85 2.13 0.00
BARRETT_IC_2 23705	41.99 3.11 0.00	35.06 2.23 0.00	31.82 1.97 0.00	30.73 1.79 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.34 2.12 0.00	41.39 2.67 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.20 3.11 -0.01	36.76 3.16 -0.01	38.69 2.93 0.00	40.92 3.38 -0.01	45.88 3.78 -0.61	47.75 4.01 -1.03	53.58 3.97 -0.01	65.19 4.43 -0.07	71.31 3.78 -0.07	76.90 3.31 -0.07	68.10 2.24 0.00	57.75 1.90 0.00	49.01 2.55 0.00	40.85 2.13 0.00
BARRETT_IC_3 23706	41.99 3.11 0.00	35.06 2.23 0.00	31.82 1.97 0.00	30.73 1.79 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.34 2.12 0.00	41.39 2.67 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.20 3.11 -0.01	36.76 3.16 -0.01	38.69 2.93 0.00	40.92 3.38 -0.01	45.88 3.78 -0.61	47.75 4.01 -1.03	53.58 3.97 -0.01	65.19 4.43 -0.07	71.31 3.78 -0.07	76.90 3.31 -0.07	68.10 2.24 0.00	57.75 1.90 0.00	49.01 2.55 0.00	40.85 2.13 0.00
BARRETT_IC_4 23707	41.99 3.11 0.00	35.06 2.23 0.00	31.82 1.97 0.00	30.73 1.79 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.34 2.12 0.00	41.39 2.67 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.20 3.11 -0.01	36.76 3.16 -0.01	38.69 2.93 0.00	40.92 3.38 -0.01	45.88 3.78 -0.61	47.75 4.01 -1.03	53.58 3.97 -0.01	65.19 4.43 -0.07	71.31 3.78 -0.07	76.90 3.31 -0.07	68.10 2.24 0.00	57.75 1.90 0.00	49.01 2.55 0.00	40.85 2.13 0.00
BARRETT_IC_5 23708	41.99 3.11 0.00	35.06 2.23 0.00	31.82 1.97 0.00	30.73 1.79 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.34 2.12 0.00	41.39 2.67 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.20 3.11 -0.01	36.76 3.16 -0.01	38.69 2.93 0.00	40.92 3.38 -0.01	45.88 3.78 -0.61	47.75 4.01 -1.03	53.58 3.97 -0.01	65.19 4.43 -0.07	71.31 3.78 -0.07	76.90 3.31 -0.07	68.10 2.24 0.00	57.75 1.90 0.00	49.01 2.55 0.00	40.85 2.13 0.00

BARRETT_IC_6 23709	41.99 3.11 0.00	35.06 2.23 0.00	31.82 1.97 0.00	30.73 1.79 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.34 2.12 0.00	41.39 2.67 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.20 3.11 -0.01	36.76 3.16 -0.01	38.69 2.93 0.00	40.92 3.38 -0.01	45.88 3.78 -0.61	47.75 4.01 -1.03	53.58 3.97 -0.01	65.19 4.43 -0.07	71.31 3.78 -0.07	76.90 3.31 -0.07	68.10 2.24 0.00	57.75 1.90 0.00	49.01 2.55 0.00	40.85 2.13 0.00
BARRETT_IC_7 23710	41.91 3.03 0.00	35.06 2.23 0.00	31.82 1.97 0.00	30.73 1.79 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.30 2.08 0.00	41.39 2.67 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.19 3.11 0.00	36.75 3.16 0.00	38.69 2.93 0.00	40.91 3.38 0.00	45.88 3.78 -0.61	47.75 4.01 -1.02	53.62 4.02 0.00	65.25 4.49 -0.07	71.51 3.98 -0.07	76.97 3.38 -0.07	68.16 2.31 0.01	57.74 1.90 0.01	49.15 2.69 0.00	40.85 2.13 0.00
BARRETT_IC_8 23711	41.99 3.11 0.00	35.06 2.23 0.00	31.82 1.97 0.00	30.73 1.79 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.34 2.12 0.00	41.39 2.67 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.20 3.11 -0.01	36.76 3.16 -0.01	38.69 2.93 0.00	40.92 3.38 -0.01	45.88 3.78 -0.61	47.75 4.01 -1.03	53.58 3.97 -0.01	65.19 4.43 -0.07	71.31 3.78 -0.07	76.90 3.31 -0.07	68.10 2.24 0.00	57.75 1.90 0.00	49.01 2.55 0.00	40.85 2.13 0.00
BARRETT_IC_9 23700	41.99 3.11 0.00	35.06 2.23 0.00	31.82 1.97 0.00	30.73 1.79 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.34 2.12 0.00	41.39 2.67 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.20 3.11 -0.01	36.76 3.16 -0.01	38.69 2.93 0.00	40.92 3.38 -0.01	45.88 3.78 -0.61	47.75 4.01 -1.03	53.58 3.97 -0.01	65.19 4.43 -0.07	71.31 3.78 -0.07	76.90 3.31 -0.07	68.10 2.24 0.00	57.75 1.90 0.00	49.01 2.55 0.00	40.85 2.13 0.00
BARRETT___1 23545	41.99 3.11 0.00	35.06 2.23 0.00	31.82 1.97 0.00	30.73 1.79 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.34 2.12 0.00	41.39 2.67 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.20 3.11 -0.01	36.76 3.16 -0.01	38.69 2.93 0.00	40.92 3.38 -0.01	45.88 3.78 -0.61	47.75 4.01 -1.03	53.58 3.97 -0.01	65.19 4.43 -0.07	71.31 3.78 -0.07	76.90 3.31 -0.07	68.10 2.24 0.00	57.75 1.90 0.00	49.01 2.55 0.00	40.85 2.13 0.00
BARRETT___2 23546	41.99 3.11 0.00	35.06 2.23 0.00	31.82 1.97 0.00	30.73 1.79 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.34 2.12 0.00	41.39 2.67 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.20 3.11 -0.01	36.76 3.16 -0.01	38.69 2.93 0.00	40.92 3.38 -0.01	45.88 3.78 -0.61	47.75 4.01 -1.03	53.58 3.97 -0.01	65.19 4.43 -0.07	71.31 3.78 -0.07	76.90 3.31 -0.07	68.10 2.24 0.00	57.75 1.90 0.00	49.01 2.55 0.00	40.85 2.13 0.00
BATAVIA__115KV_TB1 55881	35.56 -3.30 0.02	30.07 -2.76 0.00	27.23 -2.60 0.02	26.37 -2.55 0.02	26.27 -2.50 0.02	26.77 -2.66 1.82	29.40 -3.18 6.65	33.50 -3.68 1.54	30.32 -2.71 0.00	29.26 -1.80 0.00	30.54 -1.54 0.00	31.98 -1.61 0.00	33.39 -2.36 0.00	34.90 -2.63 0.00	38.43 -3.07 0.00	39.70 -2.82 0.19	44.58 -3.47 1.55	54.38 -3.22 3.09	61.57 -3.04 2.85	67.92 -3.31 2.29	59.47 -3.42 2.96	48.66 -3.41 3.78	40.16 -3.35 2.96	35.87 -2.75 0.10
BAYONEEC___CTG1 323682	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.77 2.70 0.00	34.94 2.85 0.00	36.45 2.85 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.02 3.53 0.00	46.47 3.76 0.00	53.99 4.37 -0.01	65.30 4.61 0.00	71.85 4.38 0.00	77.63 4.11 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
BAYONEEC___CTG10 323750	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.77 2.70 0.00	34.94 2.85 0.00	36.45 2.85 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.02 3.53 0.00	46.47 3.76 0.00	53.99 4.37 -0.01	65.30 4.61 0.00	71.85 4.38 0.00	77.63 4.11 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
BAYONEEC___CTG2 323683	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.77 2.70 0.00	34.94 2.85 0.00	36.45 2.85 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.02 3.53 0.00	46.47 3.76 0.00	53.99 4.37 -0.01	65.30 4.61 0.00	71.85 4.38 0.00	77.63 4.11 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
BAYONEEC___CTG3 323684	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.77 2.70 0.00	34.94 2.85 0.00	36.45 2.85 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.02 3.53 0.00	46.47 3.76 0.00	53.99 4.37 -0.01	65.30 4.61 0.00	71.85 4.38 0.00	77.63 4.11 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
BAYONEEC___CTG4 323685	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.77 2.70 0.00	34.94 2.85 0.00	36.45 2.85 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.02 3.53 0.00	46.47 3.76 0.00	53.99 4.37 -0.01	65.30 4.61 0.00	71.85 4.38 0.00	77.63 4.11 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
BAYONEEC___CTG5 323686	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.77 2.70 0.00	34.94 2.85 0.00	36.45 2.85 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.02 3.53 0.00	46.47 3.76 0.00	53.99 4.37 -0.01	65.30 4.61 0.00	71.85 4.38 0.00	77.63 4.11 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
BAYONEEC___CTG6 323687	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.77 2.70 0.00	34.94 2.85 0.00	36.45 2.85 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.02 3.53 0.00	46.47 3.76 0.00	53.99 4.37 -0.01	65.30 4.61 0.00	71.85 4.38 0.00	77.63 4.11 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
BAYONEEC___CTG7 323688	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.77 2.70 0.00	34.94 2.85 0.00	36.45 2.85 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.02 3.53 0.00	46.47 3.76 0.00	53.99 4.37 -0.01	65.30 4.61 0.00	71.85 4.38 0.00	77.63 4.11 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00

BAYONEEC___CTG8 323689	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.77 2.70 0.00	34.94 2.85 0.00	36.45 2.85 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.02 3.53 0.00	46.47 3.76 0.00	53.99 4.37 -0.01	65.30 4.61 0.00	71.85 4.38 0.00	77.63 4.11 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
BAYONEEC___CTG9 323749	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.77 2.70 0.00	34.94 2.85 0.00	36.45 2.85 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.02 3.53 0.00	46.47 3.76 0.00	53.99 4.37 -0.01	65.30 4.61 0.00	71.85 4.38 0.00	77.63 4.11 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
BAYPORT_69_KV_BK 2 356364	53.98 3.93 -11.18	40.91 2.95 -5.13	32.44 2.60 0.00	31.28 2.34 0.00	31.13 2.33 0.00	33.59 2.34 0.00	42.13 2.90 0.00	44.05 3.60 -1.73	43.75 3.27 -7.46	44.10 3.57 -9.47	40.40 3.95 -4.37	43.59 3.96 -6.03	45.24 3.79 -5.69	50.18 4.32 -8.33	56.43 4.86 -10.08	59.46 5.13 -11.62	70.40 4.86 -15.93	84.83 5.34 -18.80	88.09 4.99 -15.63	84.04 4.34 -6.18	78.25 3.10 -9.30	71.94 2.57 -13.53	55.64 3.76 -5.42	53.31 2.98 -11.60
BEACON___LESR 323632	40.00 1.13 0.00	33.94 1.12 0.00	30.95 1.10 0.00	30.00 1.07 0.00	29.83 1.04 0.00	32.21 0.97 0.00	40.28 1.06 0.00	39.76 1.05 0.00	33.52 0.50 0.00	31.65 0.59 0.00	32.63 0.54 0.00	34.13 0.54 0.00	36.11 0.36 0.00	38.13 0.60 0.00	42.20 0.70 0.00	43.44 0.73 0.00	50.55 0.94 0.00	61.90 1.21 0.00	68.81 1.35 0.00	75.07 1.55 0.00	67.30 1.45 0.00	57.14 1.29 0.00	47.53 1.07 0.00	39.65 0.93 0.00
BEAVER RIVER___HYD 24048	39.61 0.74 0.00	33.55 0.72 0.00	30.35 0.51 0.00	29.45 0.52 0.00	29.37 0.58 0.00	31.96 0.72 0.00	40.13 0.90 0.00	39.36 0.58 -0.07	33.23 0.20 0.00	35.62 0.09 -4.46	32.08 0.00 0.00	36.72 0.07 -3.06	37.54 0.14 -1.64	37.57 0.04 0.00	42.05 0.00 -0.56	43.17 -0.09 -0.54	50.06 -0.15 -0.60	61.52 0.24 -0.59	69.36 1.35 -0.55	76.94 2.57 -0.85	68.98 2.64 -0.48	58.46 2.29 -0.32	48.57 1.72 -0.39	40.27 1.20 -0.35
BEEBEE_GT_13 23619	36.69 -2.18 0.00	31.05 -1.77 0.00	28.08 -1.76 0.00	27.19 -1.74 0.00	27.03 -1.76 0.00	28.59 -2.12 0.52	34.75 -2.55 1.92	35.89 -2.83 0.00	31.34 -1.68 0.00	30.01 -1.06 0.00	31.28 -0.80 0.00	32.79 -0.81 0.00	34.40 -1.36 0.00	35.92 -1.61 0.00	39.59 -1.91 0.00	40.83 -1.71 0.17	45.74 -2.58 1.29	55.90 -2.18 2.60	62.72 -2.36 2.38	69.63 -1.76 2.12	61.42 -1.91 2.53	50.76 -2.57 2.52	42.23 -2.56 1.67	36.99 -1.63 0.11
BENSHRST_27_KV_BENSHRST_1 355998	42.03 3.15 -0.01	35.33 2.49 -0.01	32.12 2.27 -0.01	31.05 2.11 -0.01	30.87 2.07 -0.01	33.27 2.03 0.00	41.30 2.08 0.00	41.27 2.56 0.00	35.67 2.64 0.00	34.05 2.98 0.00	35.26 3.18 0.00	36.82 3.23 0.00	38.83 3.07 0.00	41.06 3.53 0.00	45.57 4.07 -0.01	47.08 4.36 -0.01	54.69 5.06 -0.02	65.91 5.22 0.00	72.59 5.13 0.00	77.93 4.41 0.00	69.28 3.42 0.00	59.03 3.18 0.00	49.29 2.83 0.00	40.97 2.25 0.00
BETHLEHEM___GRP 23843	39.57 0.70 0.00	33.61 0.79 0.00	30.65 0.81 0.00	29.71 0.78 0.00	29.54 0.75 0.00	31.87 0.62 0.00	39.85 0.63 0.00	39.37 0.66 0.00	33.23 0.20 0.00	31.38 0.31 0.00	32.34 0.26 0.00	33.83 0.24 0.00	35.79 0.04 0.00	37.76 0.23 0.00	41.79 0.29 0.00	42.93 0.21 0.00	49.90 0.30 0.00	60.99 0.30 0.00	67.73 0.27 0.00	73.81 0.29 0.00	66.19 0.33 0.00	56.18 0.34 0.00	46.83 0.37 0.00	39.11 0.39 0.00
BETHLEHEM___GS1 323560	39.58 0.70 0.00	33.61 0.79 0.00	30.65 0.81 0.00	29.74 0.81 0.00	29.54 0.75 0.00	31.87 0.62 0.00	39.85 0.63 0.00	39.37 0.66 0.00	33.23 0.20 0.00	31.38 0.31 0.00	32.34 0.26 0.00	33.83 0.24 0.00	35.79 0.04 0.00	37.76 0.23 0.00	41.79 0.29 0.00	42.93 0.21 0.00	49.91 0.30 0.00	60.99 0.30 0.00	67.73 0.27 0.00	73.81 0.30 0.00	66.19 0.33 0.00	56.19 0.34 0.00	46.83 0.37 0.00	39.15 0.43 0.00
BETHLEHEM___GS2 323561	39.58 0.70 0.00	33.61 0.79 0.00	30.65 0.81 0.00	29.74 0.81 0.00	29.54 0.75 0.00	31.87 0.62 0.00	39.85 0.63 0.00	39.37 0.66 0.00	33.23 0.20 0.00	31.38 0.31 0.00	32.34 0.26 0.00	33.83 0.24 0.00	35.79 0.04 0.00	37.76 0.23 0.00	41.79 0.29 0.00	42.93 0.21 0.00	49.91 0.30 0.00	60.99 0.30 0.00	67.73 0.27 0.00	73.81 0.30 0.00	66.19 0.33 0.00	56.19 0.34 0.00	46.83 0.37 0.00	39.15 0.43 0.00
BETHLEHEM___GS3 323562	39.58 0.70 0.00	33.61 0.79 0.00	30.65 0.81 0.00	29.74 0.81 0.00	29.54 0.75 0.00	31.87 0.62 0.00	39.85 0.63 0.00	39.37 0.66 0.00	33.23 0.20 0.00	31.38 0.31 0.00	32.34 0.26 0.00	33.83 0.24 0.00	35.79 0.04 0.00	37.76 0.23 0.00	41.79 0.29 0.00	42.93 0.21 0.00	49.91 0.30 0.00	60.99 0.30 0.00	67.73 0.27 0.00	73.81 0.30 0.00	66.19 0.33 0.00	56.19 0.34 0.00	46.83 0.37 0.00	39.15 0.43 0.00
BETHLEHEM___STEEL 23779	35.04 -3.81 0.03	29.67 -3.15 0.00	26.87 -2.95 0.03	26.01 -2.89 0.03	26.03 -2.74 0.03	25.31 -2.84 3.09	24.37 -3.57 11.28	31.83 -3.99 2.90	29.86 -3.17 0.00	29.05 -2.02 0.00	30.25 -1.83 0.00	31.68 -1.91 0.00	33.00 -2.75 0.00	34.53 -3.00 0.00	38.18 -3.32 0.00	39.43 -3.08 0.21	44.56 -3.27 1.77	53.89 -3.28 3.52	60.83 -3.37 3.26	65.81 -5.29 2.41	57.24 -5.27 3.35	46.96 -3.91 4.98	38.59 -3.67 4.20	34.68 -3.95 0.09
BETHLHEM_115KV_TB1 79974	39.61 0.74 0.00	33.61 0.79 0.00	30.65 0.81 0.00	29.74 0.81 0.00	29.54 0.75 0.00	31.90 0.66 0.00	39.89 0.67 0.00	39.41 0.70 0.00	33.29 0.26 0.00	31.47 0.40 0.00	32.43 0.35 0.00	33.90 0.30 0.00	35.86 0.11 0.00	37.83 0.30 0.00	41.87 0.37 0.00	43.05 0.34 0.00	50.05 0.45 0.00	61.18 0.49 0.00	67.94 0.47 0.00	73.96 0.44 0.00	66.32 0.46 0.00	56.35 0.50 0.00	46.92 0.46 0.00	39.15 0.43 0.00
BETHPAGE_CC_5 323564	42.76 3.46 -0.43	35.49 2.46 -0.20	32.00 2.15 0.00	30.90 1.97 0.00	30.75 1.96 0.00	33.18 1.94 0.00	41.62 2.39 0.00	41.76 2.98 -0.07	36.09 2.77 -0.29	34.51 3.08 -0.36	35.69 3.43 -0.18	37.30 3.46 -0.24	39.23 3.25 -0.22	41.61 3.75 -0.33	46.62 4.15 -0.97	48.37 4.23 -1.43	54.19 3.97 -0.61	65.66 4.25 -0.72	71.64 3.57 -0.60	76.84 3.09 -0.24	68.18 1.97 -0.35	58.04 1.67 -0.51	49.41 2.74 -0.21	41.61 2.44 -0.45
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.12 -3.73 0.03	29.74 -3.09 0.00	26.93 -2.90 0.03	26.07 -2.84 0.03	26.15 -2.62 0.03	25.56 -2.66 3.02	24.88 -3.29 11.05	32.12 -3.76 2.84	29.96 -3.07 0.00	29.11 -1.96 0.00	30.35 -1.73 0.00	31.78 -1.81 0.00	33.11 -2.65 0.00	34.68 -2.85 0.00	38.30 -3.20 0.00	39.56 -2.95 0.21	44.93 -2.93 1.75	54.30 -2.91 3.47	61.35 -2.90 3.21	65.84 -5.29 2.38	57.29 -5.27 3.30	47.44 -3.52 4.89	38.99 -3.35 4.12	34.60 -4.03 0.09

BINGHAMTON___COGEN 23790	38.76 -0.12 0.00	32.79 -0.03 0.00	29.79 -0.06 0.00	28.85 -0.09 0.00	28.77 -0.03 0.00	31.74 0.00 -0.49	40.89 -0.16 -1.82	38.49 -0.23 -0.01	32.80 -0.23 0.00	31.07 0.00 0.00	32.18 0.10 0.00	33.70 0.10 0.00	35.61 -0.14 0.00	37.34 -0.19 0.00	41.86 -0.17 -0.53	43.16 -0.04 -0.50	50.17 0.10 -0.47	61.38 0.36 -0.33	68.32 0.54 -0.32	74.26 0.22 -0.52	66.21 0.13 -0.22	56.57 0.28 -0.44	47.21 0.09 -0.66	38.80 -0.23 -0.31
BIXINCNT_115KV_LOAD 355685	35.35 -3.50 0.02	29.90 -2.92 0.00	27.11 -2.72 0.02	26.28 -2.63 0.02	26.44 -2.33 0.02	26.35 -2.12 2.77	26.58 -2.51 10.14	33.19 -2.90 2.62	30.29 -2.74 0.00	29.45 -1.62 0.00	30.64 -1.44 0.00	32.12 -1.48 0.00	33.50 -2.25 0.00	35.09 -2.44 0.00	38.84 -2.66 0.00	40.04 -2.48 0.19	46.14 -1.84 1.64	55.67 -1.76 3.26	62.97 -1.48 3.01	66.13 -5.15 2.25	57.56 -5.20 3.10	48.90 -2.40 4.54	40.23 -2.42 3.81	34.45 -4.18 0.09
BLACK RIVER___HYD 24047	40.08 1.21 0.00	33.97 1.15 0.00	30.71 0.87 0.00	29.80 0.87 0.00	29.71 0.92 0.00	32.34 1.09 0.00	40.60 1.37 0.00	39.65 0.89 -0.05	33.42 0.40 0.00	34.39 0.25 -3.07	32.24 0.16 0.00	35.97 0.27 -2.11	37.17 0.28 -1.13	37.64 0.11 0.00	42.52 0.08 -0.94	43.71 0.09 -0.92	50.68 0.05 -1.02	62.42 0.73 -1.00	70.75 2.36 -0.93	79.01 4.04 -1.45	70.83 4.15 -0.82	59.86 3.46 -0.55	49.58 2.46 -0.66	41.06 1.74 -0.59
BLACKRVR_115KV_TB2 79977	40.08 1.21 0.00	33.97 1.15 0.00	30.71 0.87 0.00	29.80 0.87 0.00	29.71 0.92 0.00	32.34 1.09 0.00	40.60 1.37 0.00	39.65 0.89 -0.05	33.42 0.40 0.00	34.39 0.25 -3.07	32.24 0.16 0.00	35.97 0.27 -2.11	37.17 0.29 -1.13	37.61 0.08 0.00	42.52 0.08 -0.94	43.71 0.09 -0.92	50.68 0.05 -1.02	62.42 0.73 -1.00	70.69 2.29 -0.93	79.01 4.04 -1.45	70.76 4.08 -0.82	59.86 3.46 -0.55	49.59 2.46 -0.66	41.10 1.78 -0.59
BLISS_WT_PWR 323608	35.31 -3.54 0.02	29.90 -2.92 0.00	27.11 -2.72 0.02	26.28 -2.63 0.02	26.38 -2.39 0.02	26.35 -2.13 2.77	26.58 -2.51 10.14	33.19 -2.90 2.62	30.35 -2.67 0.00	29.45 -1.62 0.00	30.67 -1.41 0.00	32.12 -1.48 0.00	33.54 -2.22 0.00	35.09 -2.44 0.00	38.84 -2.66 0.00	40.08 -2.43 0.20	46.16 -1.78 1.66	55.75 -1.64 3.31	62.72 -1.68 3.05	66.29 -5.15 2.08	57.93 -5.20 2.72	49.96 -2.34 3.54	41.37 -2.28 2.81	34.41 -4.22 0.09
BLUESTONE___WT_PWR 323821	40.12 1.24 0.00	33.97 1.15 0.00	30.83 0.98 0.00	29.86 0.93 0.00	29.80 1.01 0.00	32.86 1.10 -0.52	42.23 1.09 -1.91	39.57 0.85 -0.01	33.49 0.46 0.00	31.63 0.56 0.00	32.66 0.58 0.00	34.30 0.71 0.00	36.29 0.54 0.00	38.06 0.53 0.00	42.62 0.66 -0.46	43.95 0.81 -0.43	51.23 1.19 -0.43	62.97 1.94 -0.34	70.69 2.90 -0.33	77.30 3.31 -0.47	68.90 2.83 -0.21	58.61 2.35 -0.41	48.59 1.53 -0.60	39.81 0.81 -0.27
BLUE_CIRC_CHEM_DRP 24182	40.00 1.13 0.00	33.88 1.05 0.00	30.86 1.01 0.00	29.94 1.01 0.00	29.77 0.98 0.00	32.15 0.91 0.00	40.13 0.90 0.00	39.53 0.81 0.00	33.39 0.36 0.00	31.50 0.43 0.00	32.47 0.38 0.00	33.96 0.37 0.00	35.93 0.18 0.00	37.91 0.38 0.00	41.95 0.46 0.00	43.14 0.43 0.00	50.20 0.60 0.00	61.48 0.79 0.00	68.48 1.01 0.00	74.77 1.25 0.00	67.04 1.19 0.00	57.02 1.17 0.00	47.48 1.02 0.00	39.58 0.85 0.00
BOC_GAS_DRP 24189	39.73 0.86 0.00	33.61 0.79 0.00	30.62 0.78 0.00	29.68 0.75 0.00	29.54 0.75 0.00	31.90 0.66 0.00	39.89 0.67 0.00	39.45 0.74 0.00	33.52 0.50 0.00	31.69 0.62 0.00	32.69 0.61 0.00	34.17 0.57 0.00	36.18 0.43 0.00	38.09 0.56 0.00	42.16 0.66 0.00	43.35 0.64 0.00	50.40 0.79 0.00	61.54 0.85 0.00	68.34 0.88 0.00	74.25 0.74 0.00	66.58 0.72 0.00	56.58 0.73 0.00	47.11 0.65 0.00	39.30 0.58 0.00
BOONVILLE_115KV_TB1 79983	39.57 0.70 0.00	33.48 0.66 0.00	30.38 0.54 0.00	29.45 0.52 0.00	29.34 0.55 0.00	31.87 0.62 0.00	39.97 0.75 0.00	39.28 0.54 -0.03	33.32 0.30 0.00	33.04 0.25 -1.72	32.31 0.22 0.00	35.08 0.30 -1.18	36.67 0.29 -0.63	37.76 0.23 0.00	42.02 0.25 -0.27	43.23 0.26 -0.26	50.20 0.30 -0.29	61.71 0.73 -0.29	69.15 1.42 -0.27	76.14 2.21 -0.42	68.20 2.11 -0.24	57.79 1.79 -0.16	47.95 1.30 -0.19	39.86 0.97 -0.17
BORALEX_4TH_BRANCH 23824	40.82 1.94 0.00	34.40 1.58 0.00	31.25 1.40 0.00	30.35 1.42 0.00	30.26 1.47 0.00	32.62 1.37 0.00	40.71 1.49 0.00	40.30 1.59 0.00	34.08 1.06 0.00	32.28 1.21 0.00	33.17 1.09 0.00	34.54 0.94 0.00	36.50 0.75 0.00	38.47 0.94 0.00	42.45 0.95 0.00	43.65 0.94 0.00	51.19 1.59 0.00	62.75 2.06 0.00	69.62 2.16 0.00	75.80 2.28 0.00	68.29 2.44 0.00	58.14 2.29 0.00	48.27 1.81 0.00	40.31 1.59 0.00
BOWLINE___1 23526	40.93 2.06 0.00	34.47 1.64 0.00	31.37 1.52 0.00	30.38 1.45 0.00	30.17 1.38 0.00	32.62 1.37 0.00	40.71 1.49 0.00	40.57 1.86 0.00	34.94 1.91 0.00	33.24 2.17 0.00	34.39 2.31 0.00	35.91 2.32 0.00	37.86 2.11 0.00	40.05 2.51 0.00	44.40 2.90 0.00	45.74 3.03 0.00	52.98 3.37 0.00	64.27 3.58 0.00	70.90 3.44 0.00	76.68 3.16 0.00	68.23 2.37 0.00	57.86 2.01 0.00	48.23 1.77 0.00	40.16 1.43 0.00
BOWLINE___2 23595	40.93 2.06 0.00	34.47 1.64 0.00	31.37 1.52 0.00	30.38 1.45 0.00	30.17 1.38 0.00	32.62 1.37 0.00	40.71 1.49 0.00	40.57 1.86 0.00	34.94 1.91 0.00	33.24 2.17 0.00	34.39 2.31 0.00	35.91 2.32 0.00	37.86 2.11 0.00	40.05 2.51 0.00	44.40 2.90 0.00	45.74 3.03 0.00	53.03 3.42 0.00	64.39 3.70 0.00	71.04 3.57 0.00	76.83 3.31 0.00	68.30 2.44 0.00	57.97 2.12 0.00	48.32 1.86 0.00	40.20 1.47 0.00
BRADY___115KV_TB2 356060	39.15 0.27 0.00	33.02 0.20 0.00	29.91 0.06 0.00	29.08 0.14 0.00	28.91 0.12 0.00	31.56 0.31 0.00	39.73 0.51 0.00	39.49 0.54 -0.23	33.36 0.33 0.00	46.58 0.03 -15.48	31.95 -0.13 0.00	44.19 -0.03 -10.63	41.84 0.39 -5.69	37.91 0.38 0.00	41.83 0.33 0.00	42.84 0.13 0.00	49.66 0.05 0.00	60.51 -0.18 0.00	67.73 0.27 0.00	74.48 0.96 0.00	66.98 1.12 0.00	56.91 1.06 0.00	47.48 1.02 0.00	39.54 0.81 0.00
BRANSCOMB___SOLAR 323811	40.86 1.98 0.00	34.47 1.64 0.00	31.37 1.52 0.00	30.44 1.50 0.00	30.29 1.50 0.00	32.77 1.53 0.00	40.99 1.77 0.00	40.22 1.51 0.00	33.88 0.86 0.00	31.97 0.90 0.00	32.85 0.77 0.00	34.37 0.77 0.00	36.36 0.61 0.00	38.43 0.90 0.00	42.53 1.04 0.00	43.39 0.68 0.00	50.55 0.94 0.00	62.09 1.40 0.00	69.15 1.69 0.00	75.72 2.20 0.00	68.16 2.30 0.00	57.97 2.12 0.00	48.18 1.72 0.00	40.47 1.74 0.00
BRDGHMPT_69_KV_BK1 55812	54.87 3.54 -12.46	41.17 2.63 -5.72	32.14 2.30 0.00	30.99 2.05 0.00	30.87 2.07 0.00	33.31 2.06 0.00	41.81 2.59 0.00	44.05 3.41 -1.93	44.44 3.10 -8.31	45.00 3.39 -10.55	40.70 3.75 -4.87	44.07 3.76 -6.71	45.60 3.50 -6.34	50.91 4.09 -9.28	57.26 4.61 -11.16	60.50 4.95 -12.83	72.01 4.66 -17.74	86.86 5.22 -20.95	89.87 4.99 -17.41	84.82 4.41 -6.89	79.18 2.96 -10.36	73.49 2.57 -15.07	56.35 3.86 -6.03	54.79 3.14 -12.92



BRENTWOD_69_KV_W. BRTWOOD 56703	44.97	36.62	32.20	31.04	30.92	33.37	41.81	42.39	37.68	36.42	36.67	38.59	40.45	43.32	48.64	50.78	57.45	69.34	75.04	78.27	70.15	60.68	51.05	43.97
	3.62	2.66	2.36	2.11	2.13	2.12	2.59	3.29	3.01	3.26	3.63	3.66	3.43	3.94	4.44	4.70	4.32	4.49	4.12	3.38	2.24	1.84	3.39	2.67
	-2.48	-1.14	0.00	0.00	0.00	0.00	0.00	-0.38	-1.65	-2.10	-0.97	-1.33	-1.26	-1.85	-2.70	-3.37	-3.53	-4.16	-3.46	-1.37	-2.05	-2.99	-1.20	-2.57
BRISTLHL_115KV_TB1 79998	37.86	32.07	29.13	28.21	28.10	30.46	38.17	37.64	32.14	30.75	31.41	33.19	34.97	36.33	42.40	43.75	51.21	62.99	69.34	76.60	67.88	57.05	47.53	39.15
	-1.01	-0.75	-0.72	-0.72	-0.69	-0.78	-1.06	-1.08	-0.89	-0.71	-0.67	-0.67	-0.93	-1.20	-1.33	-1.24	-1.59	-1.64	-1.75	-1.69	-1.45	-1.40	-1.25	-1.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.40	0.00	-0.27	-0.15	0.00	-2.23	-2.27	-3.19	-3.94	-3.63	-4.77	-3.47	-2.60	-2.32	-1.48
BROOKHAVEN___DRP 24191	54.76	41.14	32.17	31.02	30.87	33.34	41.73	43.85	44.22	44.78	40.48	43.83	45.38	50.55	56.78	59.91	71.16	85.76	88.69	83.60	78.13	72.56	55.62	54.17
	3.50	2.63	2.33	2.08	2.07	2.09	2.51	3.21	2.94	3.23	3.56	3.56	3.33	3.79	4.19	4.44	3.92	4.25	3.91	3.23	1.98	1.73	3.16	2.59
	-12.38	-5.69	0.00	0.00	0.00	0.00	0.00	-1.92	-8.26	-10.48	-4.84	-6.67	-6.30	-9.23	-11.10	-12.76	-17.64	-20.82	-17.31	-6.84	-10.29	-14.98	-6.00	-12.85
BROOKLYN_NAVY_YARD 23515	41.44	34.86	31.73	30.70	30.49	32.93	41.07	41.04	35.44	33.77	34.90	36.42	38.36	40.57	44.98	46.47	53.99	65.30	71.85	77.56	68.89	58.48	48.78	40.51
	2.57	2.04	1.88	1.77	1.70	1.69	1.84	2.32	2.41	2.70	2.82	2.82	2.61	3.04	3.49	3.76	4.37	4.61	4.38	4.04	3.03	2.63	2.32	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BROOKLYN___ARMY_DRP 323595	41.84	35.20	32.00	30.97	30.76	33.18	41.15	41.12	35.54	33.92	35.10	36.65	38.65	40.87	45.36	46.82	54.39	65.54	72.19	77.49	68.95	58.75	49.11	40.82
	2.95	2.36	2.15	2.03	1.96	1.94	1.92	2.40	2.51	2.86	3.02	3.06	2.90	3.34	3.86	4.10	4.76	4.86	4.72	3.97	3.10	2.90	2.65	2.09
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BROOME_2_LFGE 323671	38.72	32.79	29.79	28.85	28.77	31.74	40.89	38.49	32.80	31.07	32.18	33.70	35.61	37.35	41.86	43.16	50.18	61.39	68.32	74.26	66.19	56.51	47.15	38.81
	-0.15	-0.03	-0.06	-0.09	-0.03	0.00	-0.16	-0.23	-0.23	0.00	0.10	0.10	-0.14	-0.19	-0.17	-0.04	0.10	0.37	0.54	0.22	0.13	0.28	0.09	-0.23
	0.00	0.00	0.00	0.00	0.00	-0.49	-1.82	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-0.50	-0.47	-0.33	-0.32	-0.51	-0.20	-0.38	-0.60	-0.31
BROOME___LFGE 323600	38.72	32.79	29.79	28.85	28.77	31.74	40.89	38.49	32.80	31.07	32.18	33.70	35.61	37.35	41.86	43.16	50.18	61.39	68.32	74.26	66.19	56.51	47.15	38.81
	-0.15	-0.03	-0.06	-0.09	-0.03	0.00	-0.16	-0.23	-0.23	0.00	0.10	0.10	-0.14	-0.19	-0.17	-0.04	0.10	0.37	0.54	0.22	0.13	0.28	0.09	-0.23
	0.00	0.00	0.00	0.00	0.00	-0.49	-1.82	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-0.50	-0.47	-0.33	-0.32	-0.51	-0.20	-0.38	-0.60	-0.31
BROWNFLS_115KV_TB_3_5 80003	39.19	33.12	30.00	29.11	28.99	31.59	39.70	39.18	33.13	38.99	31.86	38.97	38.77	37.53	41.79	42.77	49.51	60.60	68.03	75.27	67.63	57.40	47.84	39.77
	0.31	0.30	0.15	0.17	0.20	0.34	0.47	0.35	0.10	-0.09	-0.22	-0.13	0.07	0.00	-0.08	-0.30	-0.50	-0.49	0.20	1.18	1.45	1.34	1.12	0.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	0.00	-8.02	0.00	-5.51	-2.95	0.00	-0.37	-0.36	-0.40	-0.39	-0.37	-0.57	-0.32	-0.21	-0.26	-0.23
BROWNSV1_27_KV_LOAD 356125	41.79	35.16	32.00	30.93	30.75	33.18	41.38	41.35	35.70	34.05	35.22	36.79	38.72	40.95	45.44	46.90	54.48	66.03	72.79	78.37	69.68	59.09	49.25	40.82
	2.92	2.33	2.15	2.00	1.96	1.94	2.16	2.63	2.68	2.98	3.14	3.19	2.97	3.42	3.94	4.19	4.86	5.34	5.33	4.85	3.82	3.24	2.79	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BURROWS___LYONSDAL 23803	39.57	33.48	30.38	29.45	29.34	31.87	40.01	39.29	33.29	33.54	32.24	35.35	36.80	37.68	41.99	43.20	50.16	61.58	69.20	76.23	68.38	57.94	48.08	39.94
	0.70	0.66	0.54	0.52	0.55	0.62	0.78	0.54	0.26	0.22	0.16	0.20	0.21	0.15	0.17	0.17	0.20	0.55	1.42	2.21	2.24	1.90	1.39	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-2.26	0.00	-1.55	-0.83	0.00	-0.33	-0.32	-0.35	-0.35	-0.32	-0.50	-0.28	-0.19	-0.23	-0.21
CAITHNESS_CC_1 323624	54.72	41.04	32.06	30.96	30.81	33.27	41.70	43.76	44.11	44.66	40.40	43.73	45.27	50.47	56.68	59.80	70.96	85.52	88.24	83.34	77.93	72.36	55.35	54.05
	3.54	2.56	2.21	2.02	2.01	2.03	2.47	3.13	2.87	3.17	3.50	3.49	3.25	3.75	4.15	4.40	3.82	4.13	3.57	3.02	1.84	1.62	2.93	2.56
	-12.31	-5.65	0.00	0.00	0.00	0.00	0.00	-1.91	-8.21	-10.42	-4.82	-6.64	-6.27	-9.18	-11.03	-12.69	-17.53	-20.70	-17.21	-6.80	-10.23	-14.89	-5.96	-12.77
CALPINE BETH_PAGE_GT4 24209	42.22	35.29	32.03	30.90	30.75	33.18	41.58	41.70	35.80	34.14	35.48	37.06	39.01	41.28	46.21	47.92	53.57	65.00	71.25	76.61	67.89	57.52	49.34	41.12
	3.34	2.46	2.18	1.97	1.96	1.94	2.35	2.98	2.77	3.08	3.40	3.46	3.25	3.75	4.11	4.19	3.97	4.31	3.78	3.09	2.04	1.68	2.88	2.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.61	-1.02	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
CALPINE_BETH_PAGE_GT_4 323586	42.30	35.29	32.00	30.90	30.75	33.18	41.62	41.70	35.80	34.11	35.49	37.06	39.01	41.29	46.21	47.92	53.52	64.94	71.04	76.61	67.83	57.46	49.20	41.17
	3.42	2.46	2.15	1.97	1.96	1.94	2.39	2.98	2.77	3.05	3.40	3.46	3.25	3.75	4.11	4.19	3.92	4.25	3.57	3.09	1.97	1.62	2.74	2.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	-0.01	-0.61	-1.02	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
CALPINE_BP_GT1 23823	42.30	35.29	32.00	30.90	30.75	33.18	41.62	41.70	35.80	34.11	35.49	37.06	39.01	41.29	46.21	47.92	53.52	64.94	71.04	76.61	67.83	57.46	49.20	41.17
	3.42	2.46	2.15	1.97	1.96	1.94	2.39	2.98	2.77	3.05	3.40	3.46	3.25	3.75	4.11	4.19	3.92	4.25	3.57	3.09	1.97	1.62	2.74	2.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	-0.01	-0.61	-1.02	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
CALSPAN___DRP 24200	35.04	29.67	26.87	26.01	26.03	25.31	24.37	31.83	29.86	29.05	30.25	31.68	33.00	34.53	38.18	39.43	44.56	53.89	60.83	65.81	57.24	46.96	38.59	34.68
	-3.81	-3.15	-2.95	-2.89	-2.74	-2.84	-3.57	-3.99	-3.17	-2.02	-1.83	-1.91	-2.75	-3.00	-3.32	-3.08	-3.27	-3.28	-3.37	-5.29	-5.27	-3.91	-3.67	-3.95
	0.03	0.00	0.03	0.03	0.03	3.09	11.28	2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	1.77	3.52	3.26	2.41	3.35	4.98	4.20	0.09

CALVERTON___SOLAR 323806	54.98 3.70 -12.41	41.22 2.69 -5.70	32.18 2.33 0.00	31.07 2.14 0.00	30.92 2.13 0.00	33.37 2.13 0.00	41.85 2.63 0.00	43.93 3.29 -1.92	44.31 3.01 -8.28	44.84 3.26 -10.51	40.53 3.59 -4.86	43.89 3.60 -6.70	45.43 3.36 -6.32	50.66 3.87 -9.26	56.89 4.28 -11.12	60.03 4.53 -12.79	71.26 3.97 -17.68	85.87 4.31 -20.87	88.66 3.84 -17.35	83.76 3.38 -6.86	78.22 2.04 -10.32	72.71 1.84 -15.02	55.59 3.11 -6.01	54.31 2.71 -12.88
CANDIGU_WT_PWR 323617	37.17 -1.60 0.11	31.61 -1.21 0.00	28.54 -1.19 0.11	27.61 -1.21 0.11	27.62 -1.06 0.11	16.83 -0.97 13.45	-11.52 -1.37 49.37	23.60 -1.93 13.18	31.24 -1.78 0.00	29.85 -1.21 0.00	31.05 -1.03 0.00	32.59 -1.01 0.00	34.22 -1.54 0.00	35.84 -1.69 0.00	39.94 -1.82 -0.27	41.10 -1.50 0.11	44.57 -1.39 3.65	52.44 -0.91 7.34	59.99 -0.54 6.93	68.36 -1.47 3.69	57.38 -1.39 7.09	39.32 -0.73 15.80	30.39 -1.07 15.00	37.10 -1.74 -0.12
CARR STREET_E_SYR 24060	38.18 -0.70 0.00	32.33 -0.49 0.00	29.37 -0.48 0.00	28.44 -0.49 0.00	28.33 -0.46 0.00	30.68 -0.56 0.00	38.44 -0.78 0.00	37.95 -0.77 0.00	32.40 -0.63 0.00	30.97 -0.43 -0.34	31.73 -0.35 0.00	33.49 -0.34 -0.23	35.30 -0.57 -0.12	36.71 -0.83 0.00	41.31 -0.87 -0.69	42.50 -0.81 -0.61	48.91 -0.99 -0.30	59.60 -0.91 0.18	66.43 -0.88 0.15	72.92 -0.88 -0.28	64.78 -0.79 0.29	54.70 -0.78 0.36	45.67 -0.83 -0.04	38.42 -0.70 -0.39
CARTHAGE___PAPER 23857	39.88 1.01 0.00	33.74 0.92 0.00	30.56 0.72 0.00	29.63 0.69 0.00	29.54 0.75 0.00	32.18 0.94 0.00	40.40 1.18 0.00	39.54 0.77 -0.05	33.36 0.33 0.00	34.86 0.19 -3.61	32.15 0.06 0.00	36.24 0.17 -2.48	37.30 0.22 -1.33	37.61 0.08 0.00	42.37 0.08 -0.79	43.48 0.00 -0.77	50.47 0.00 -0.86	62.01 0.48 -0.84	70.13 1.89 -0.78	78.12 3.38 -1.22	69.97 3.42 -0.69	59.27 2.96 -0.46	49.16 2.14 -0.56	40.73 1.51 -0.50
CASSADAGA_WT_PWR 323784	35.43 -3.42 0.02	29.90 -2.92 0.00	27.02 -2.81 0.02	26.22 -2.69 0.02	26.26 -2.51 0.02	25.89 -2.44 2.92	25.57 -2.98 10.67	32.55 -3.41 2.76	30.45 -2.58 0.00	29.67 -1.40 0.00	30.89 -1.19 0.00	32.42 -1.18 0.00	33.86 -1.90 0.00	35.47 -2.06 0.00	39.25 -2.24 0.00	40.50 -2.01 0.20	46.16 -1.74 1.71	55.96 -1.34 3.40	63.11 -1.21 3.14	67.63 -3.75 2.14	58.94 -4.08 2.83	49.50 -2.57 3.78	40.64 -2.79 3.03	34.45 -4.18 0.09
CE_DUNWOOD___DRP 24194	41.21 2.33 0.00	34.70 1.87 0.00	31.58 1.73 0.00	30.55 1.62 0.00	30.38 1.58 0.00	32.81 1.56 0.00	40.95 1.73 0.00	40.81 2.09 0.00	35.14 2.11 0.00	33.46 2.39 0.00	34.62 2.53 0.00	36.15 2.55 0.00	38.11 2.36 0.00	40.27 2.74 0.00	44.65 3.15 0.00	46.04 3.33 0.00	53.43 3.82 0.00	64.88 4.19 0.00	71.65 4.18 0.00	77.27 3.75 0.00	68.76 2.90 0.00	58.31 2.46 0.00	48.64 2.18 0.00	40.39 1.67 0.00
CE_MILLWOOD___DRP 24193	41.13 2.25 0.00	34.63 1.81 0.00	31.52 1.67 0.00	30.49 1.56 0.00	30.32 1.53 0.00	32.74 1.50 0.00	40.87 1.65 0.00	40.73 2.01 0.00	35.07 2.05 0.00	33.36 2.30 0.00	34.52 2.44 0.00	36.05 2.45 0.00	38.01 2.25 0.00	40.20 2.66 0.00	44.53 3.03 0.00	45.92 3.20 0.00	53.28 3.67 0.00	64.70 4.01 0.00	71.51 4.05 0.00	77.12 3.60 0.00	68.62 2.77 0.00	58.20 2.35 0.00	48.55 2.09 0.00	40.31 1.59 0.00
CE_NYC2_DRP 24202	41.60 2.72 -0.01	35.00 2.17 -0.01	31.88 2.03 -0.01	30.85 1.91 -0.01	30.67 1.87 -0.01	33.09 1.84 0.00	41.07 1.84 0.00	41.04 2.32 0.00	35.47 2.44 0.00	33.86 2.80 0.00	35.03 2.95 0.00	36.55 2.96 0.00	38.51 2.75 0.00	40.72 3.19 0.00	45.16 3.65 -0.01	46.61 3.89 -0.01	54.09 4.46 -0.02	65.36 4.67 0.00	72.05 4.59 0.00	77.42 3.90 0.00	68.82 2.96 0.00	58.47 2.62 0.00	48.83 2.37 0.00	40.58 1.86 0.00
CE_NYC_DRP 24195	41.52 2.64 0.00	34.93 2.10 0.00	31.79 1.94 0.00	30.75 1.82 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.11 1.88 0.00	41.08 2.36 0.00	35.47 2.44 0.00	33.80 2.73 0.00	34.97 2.89 0.00	36.52 2.92 0.00	38.47 2.72 0.00	40.68 3.15 0.00	45.06 3.57 0.00	46.56 3.84 0.00	54.04 4.41 -0.01	65.48 4.79 0.00	72.19 4.72 0.00	77.71 4.19 0.00	69.08 3.23 0.00	58.64 2.79 0.00	48.88 2.42 0.00	40.54 1.82 0.00
CHAFFEE___LFGE 323603	35.16 -3.69 0.02	29.77 -3.05 0.00	26.96 -2.87 0.02	26.10 -2.81 0.02	26.12 -2.65 0.02	25.63 -2.69 2.93	25.17 -3.33 10.72	32.20 -3.75 2.76	30.02 -3.01 0.00	29.14 -1.93 0.00	30.35 -1.73 0.00	31.78 -1.81 0.00	33.18 -2.57 0.00	34.72 -2.82 0.00	38.38 -3.11 0.00	39.65 -2.86 0.20	45.00 -2.88 1.72	54.53 -2.73 3.43	61.59 -2.70 3.17	66.16 -5.15 2.21	57.76 -5.14 2.96	48.29 -3.52 4.05	39.87 -3.30 3.29	34.60 -4.03 0.09
CHATEAUG_35_KV_LOAD 355732	38.76 -0.12 0.00	32.69 -0.13 0.00	29.67 -0.18 0.00	28.85 -0.09 0.00	28.68 -0.12 0.00	31.31 0.06 0.00	39.42 0.20 0.00	38.93 0.19 -0.02	33.19 0.17 0.00	32.24 -0.06 -1.24	31.92 -0.16 0.00	34.35 -0.10 -0.85	36.42 0.21 -0.46	37.76 0.23 0.00	41.70 0.21 0.00	42.88 0.17 0.00	49.85 0.25 0.00	60.81 0.12 0.00	67.80 0.34 0.00	74.18 0.66 0.00	66.52 0.66 0.00	56.41 0.56 0.00	46.97 0.51 0.00	39.15 0.43 0.00
CHATEAUG_WT_PWR 323614	38.72 -0.15 0.00	32.66 -0.16 0.00	29.64 -0.21 0.00	28.79 -0.14 0.00	28.65 -0.14 0.00	31.24 0.00 0.00	39.38 0.16 0.00	38.91 0.19 0.00	33.19 0.17 0.00	31.00 -0.06 0.00	31.95 -0.13 0.00	33.53 -0.07 0.00	36.01 0.25 0.00	37.80 0.26 0.00	41.70 0.21 0.00	42.88 0.17 0.00	49.86 0.25 0.00	60.75 0.06 0.00	67.60 0.14 0.00	73.89 0.37 0.00	66.26 0.40 0.00	56.19 0.34 0.00	46.79 0.33 0.00	38.96 0.23 0.00
CHAT_HIGH_FALL_HYD 323578	38.76 -0.12 0.00	32.69 -0.13 0.00	29.67 -0.18 0.00	28.85 -0.09 0.00	28.68 -0.12 0.00	31.31 0.06 0.00	39.42 0.20 0.00	38.93 0.19 -0.02	33.19 0.17 0.00	32.24 -0.06 -1.24	31.92 -0.16 0.00	34.35 -0.10 -0.85	36.42 0.21 -0.46	37.76 0.23 0.00	41.70 0.21 0.00	42.88 0.17 0.00	49.85 0.25 0.00	60.81 0.12 0.00	67.80 0.34 0.00	74.18 0.66 0.00	66.52 0.66 0.00	56.41 0.56 0.00	46.97 0.51 0.00	39.15 0.43 0.00
CHAUTAUQUA___LFGE 323629	35.35 -3.50 0.03	29.94 -2.89 0.00	27.08 -2.75 0.03	26.22 -2.69 0.03	26.20 -2.56 0.03	25.62 -2.59 3.03	24.88 -3.26 11.09	32.21 -3.64 2.86	30.32 -2.71 0.00	29.48 -1.58 0.00	30.73 -1.35 0.00	32.22 -1.38 0.00	33.61 -2.14 0.00	35.13 -2.40 0.00	38.88 -2.61 0.00	40.16 -2.35 0.21	45.48 -2.38 1.75	55.15 -2.06 3.48	62.29 -1.96 3.22	67.15 -4.12 2.25	58.54 -4.28 3.04	48.54 -3.07 4.24	39.91 -3.07 3.48	34.76 -3.87 0.09
CHERRYST_13_KV_LD 356241	41.64 2.76 0.00	35.03 2.20 0.00	31.88 2.03 0.00	30.81 1.88 0.00	30.64 1.84 0.00	33.09 1.84 0.00	41.26 2.04 0.00	41.19 2.48 0.00	35.60 2.58 0.00	33.92 2.86 0.00	35.13 3.05 0.00	36.65 3.06 0.00	38.61 2.86 0.00	40.83 3.30 0.00	45.27 3.78 0.00	46.73 4.01 0.00	54.28 4.66 -0.01	65.73 5.04 0.00	72.46 4.99 0.00	78.00 4.48 0.00	69.35 3.49 0.00	58.81 2.96 0.00	49.02 2.56 0.00	40.66 1.94 0.00

CHESTROR_138KV_BK263 355645	40.66 1.79 0.00	34.27 1.44 0.00	31.19 1.34 0.00	30.18 1.24 0.00	30.00 1.21 0.00	32.40 1.16 0.00	40.68 1.45 0.00	40.50 1.78 0.00	34.78 1.75 0.00	32.99 1.93 0.00	34.17 2.09 0.00	35.68 2.08 0.00	37.61 1.86 0.00	39.78 2.25 0.00	44.11 2.61 0.00	45.53 2.82 0.00	52.88 3.27 0.00	64.45 3.76 0.00	71.31 3.85 0.00	77.05 3.53 0.00	68.62 2.77 0.00	58.20 2.35 0.00	48.41 1.95 0.00	40.16 1.43 0.00
CH_MIDHUDSON___DRP 24192	41.01 2.14 0.00	34.53 1.71 0.00	31.46 1.61 0.00	30.44 1.50 0.00	30.26 1.47 0.00	32.65 1.41 0.00	40.79 1.57 0.00	40.57 1.86 0.00	34.84 1.82 0.00	33.05 1.99 0.00	34.20 2.12 0.00	35.71 2.12 0.00	37.68 1.93 0.00	39.82 2.29 0.00	44.15 2.66 0.00	45.53 2.82 0.00	52.93 3.32 0.00	64.51 3.82 0.00	71.38 3.91 0.00	77.05 3.53 0.00	68.69 2.83 0.00	58.25 2.40 0.00	48.50 2.04 0.00	40.27 1.55 0.00
CH_MISC_IPPS 23765	41.13 2.25 0.00	34.63 1.80 0.00	31.52 1.67 0.00	30.52 1.59 0.00	30.32 1.52 0.00	32.74 1.50 0.00	40.95 1.72 0.00	40.69 1.97 0.00	34.91 1.88 0.00	33.12 2.05 0.00	34.26 2.18 0.00	35.81 2.22 0.00	37.76 2.00 0.00	39.94 2.40 0.00	44.32 2.82 0.00	45.74 3.03 0.00	53.18 3.57 0.00	64.82 4.13 0.00	71.65 4.18 0.00	77.56 4.04 0.00	69.08 3.23 0.00	58.59 2.74 0.00	48.64 2.18 0.00	40.43 1.70 0.00
CH_RES_BVR_FALLS 23983	38.76 -0.12 0.00	32.73 -0.10 0.00	29.73 -0.12 0.00	28.85 -0.09 0.00	28.71 -0.09 0.00	31.18 -0.06 0.00	39.19 -0.04 0.00	38.68 -0.04 0.00	32.99 -0.03 0.00	31.00 -0.06 0.00	31.99 -0.10 0.00	33.53 -0.07 0.00	35.75 0.00 0.00	37.53 0.00 0.00	41.45 -0.04 0.00	42.67 -0.04 0.00	49.56 -0.05 0.00	60.57 -0.12 0.00	67.33 -0.13 0.00	73.45 -0.07 0.00	65.79 -0.07 0.00	55.79 -0.06 0.00	46.46 0.00 0.00	38.69 -0.04 0.00
CH_RES_NIAGARA 23895	33.92 -4.94 0.02	28.95 -3.87 0.00	26.07 -3.76 0.02	25.21 -3.70 0.02	25.06 -3.71 0.02	24.82 -4.03 2.39	25.42 -5.06 8.74	31.08 -5.46 2.18	29.03 -4.00 0.00	28.21 -2.86 0.00	29.42 -2.66 0.00	30.77 -2.82 0.00	31.96 -3.79 0.00	33.40 -4.13 0.00	36.81 -4.69 0.00	38.07 -4.44 0.20	42.23 -5.70 1.67	52.02 -5.34 3.33	57.97 -6.41 3.08	64.01 -7.13 2.38	55.90 -6.78 3.18	45.18 -6.31 4.36	37.63 -5.30 3.54	34.36 -4.26 0.10
CH_RES_SYRACUSE 23985	38.41 -0.46 0.00	32.53 -0.30 0.00	29.55 -0.30 0.00	28.59 -0.35 0.00	28.50 -0.29 0.00	30.90 -0.34 0.00	38.68 -0.55 0.00	38.18 -0.54 0.00	32.56 -0.46 0.00	31.05 -0.31 -0.29	31.86 -0.22 0.00	33.60 -0.20 -0.20	35.43 -0.43 -0.11	36.89 -0.64 0.00	42.10 -0.67 -1.27	43.34 -0.60 -1.23	50.28 -0.69 -1.37	61.48 -0.55 -1.34	68.24 -0.47 -1.25	75.10 -0.37 -1.95	66.63 -0.33 -1.10	56.19 -0.39 -0.73	46.84 -0.51 -0.89	39.06 -0.46 -0.80
CLINTON_WT_PWR 323605	38.72 -0.15 0.00	32.66 -0.16 0.00	29.64 -0.21 0.00	28.79 -0.14 0.00	28.65 -0.14 0.00	31.24 0.00 0.00	39.38 0.16 0.00	38.91 0.19 0.00	33.19 0.17 0.00	31.00 -0.06 0.00	31.95 -0.13 0.00	33.53 -0.07 0.00	36.01 0.25 0.00	37.80 0.26 0.00	41.70 0.21 0.00	42.88 0.17 0.00	49.86 0.25 0.00	60.75 0.06 0.00	67.60 0.14 0.00	73.89 0.37 0.00	66.26 0.40 0.00	56.19 0.34 0.00	46.79 0.33 0.00	38.96 0.23 0.00
CLINTON___LFGE 323618	39.22 0.35 0.00	33.06 0.23 0.00	29.97 0.12 0.00	29.16 0.23 0.00	29.00 0.20 0.00	31.62 0.38 0.00	39.85 0.63 0.00	39.38 0.66 -0.01	33.65 0.63 0.00	32.19 0.34 -0.78	32.34 0.26 0.00	34.50 0.37 -0.54	36.79 0.75 -0.29	38.32 0.79 0.00	42.20 0.70 0.00	43.48 0.77 0.00	50.60 0.99 0.00	61.84 1.15 0.00	68.95 1.48 0.00	75.80 2.28 0.00	68.03 2.17 0.00	57.64 1.79 0.00	47.85 1.39 0.00	39.69 0.97 0.00
COBBLENY_34_KV_TB1 80064	35.16 -3.69 0.02	29.77 -3.05 0.00	26.96 -2.87 0.02	26.10 -2.81 0.02	26.15 -2.62 0.02	25.63 -2.69 2.93	25.17 -3.33 10.72	32.20 -3.76 2.76	29.99 -3.04 0.00	29.14 -1.93 0.00	30.35 -1.73 0.00	31.78 -1.81 0.00	33.14 -2.61 0.00	34.72 -2.81 0.00	38.38 -3.11 0.00	39.61 -2.90 0.20	44.97 -2.93 1.70	54.45 -2.85 3.39	61.43 -2.90 3.13	66.04 -5.15 2.33	57.43 -5.20 3.22	47.57 -3.52 4.76	39.06 -3.39 4.01	34.64 -3.99 0.09
COFFEEN___115KV_TB3 355620	40.24 1.36 0.00	34.11 1.28 0.00	30.83 0.98 0.00	29.89 0.95 0.00	29.83 1.04 0.00	32.46 1.22 0.00	40.75 1.53 0.00	39.77 1.01 -0.04	33.49 0.46 0.00	34.40 0.34 -3.00	32.31 0.22 0.00	36.02 0.37 -2.06	37.18 0.32 -1.10	37.68 0.15 0.00	42.59 0.12 -0.97	43.78 0.13 -0.94	50.80 0.15 -1.05	62.62 0.91 -1.02	70.98 2.56 -0.95	79.49 4.48 -1.48	71.24 4.54 -0.84	60.21 3.80 -0.56	49.83 2.69 -0.68	41.27 1.94 -0.61
COLDSPRG_115KV_BK1 355956	35.78 -3.07 0.02	30.17 -2.66 0.00	27.35 -2.48 0.02	26.48 -2.43 0.02	26.70 -2.07 0.02	26.72 -1.78 2.74	27.01 -2.20 10.01	33.53 -2.59 2.59	30.62 -2.41 0.00	29.82 -1.24 0.00	31.05 -1.03 0.00	32.55 -1.04 0.00	34.00 -1.75 0.00	35.62 -1.91 0.00	39.46 -2.03 0.00	40.69 -1.84 0.19	47.01 -0.99 1.61	56.76 -0.73 3.20	64.17 -0.34 2.95	67.27 -4.04 2.20	58.54 -4.28 3.04	49.76 -1.62 4.47	40.75 -1.95 3.76	34.49 -4.14 0.09
COLONIE_LFGE___ 323577	40.39 1.51 0.00	34.10 1.28 0.00	31.04 1.20 0.00	30.12 1.19 0.00	29.97 1.18 0.00	32.40 1.16 0.00	40.44 1.22 0.00	39.92 1.20 0.00	33.79 0.76 0.00	31.93 0.87 0.00	32.88 0.80 0.00	34.33 0.74 0.00	36.32 0.57 0.00	38.32 0.79 0.00	42.37 0.87 0.00	43.48 0.77 0.00	50.75 1.14 0.00	62.21 1.52 0.00	69.08 1.62 0.00	75.36 1.84 0.00	67.70 1.84 0.00	57.58 1.73 0.00	47.85 1.39 0.00	40.00 1.28 0.00
COOPERNY_115KV_TB1 80082	40.16 1.28 0.00	33.84 1.02 0.00	30.80 0.96 0.00	29.83 0.90 0.00	29.66 0.86 0.00	32.06 0.81 0.00	39.89 0.67 0.00	39.53 0.81 0.00	33.85 0.83 0.00	32.09 1.03 0.00	33.17 1.09 0.00	34.70 1.11 0.00	36.68 0.93 0.00	38.66 1.13 0.00	42.78 1.29 0.00	44.08 1.37 0.00	51.19 1.59 0.00	62.45 1.76 0.00	69.29 1.82 0.00	75.06 1.54 0.00	67.04 1.19 0.00	56.91 1.06 0.00	47.34 0.88 0.00	39.38 0.66 0.00
COPENHAGEN_WT_PWR 323753	39.85 0.97 0.00	33.81 0.98 0.00	30.56 0.72 0.00	29.66 0.72 0.00	29.57 0.78 0.00	32.18 0.94 0.00	40.36 1.14 0.00	39.46 0.70 -0.04	33.29 0.26 0.00	34.06 0.19 -2.81	32.18 0.10 0.00	35.73 0.20 -1.93	36.97 0.18 -1.03	37.49 -0.04 0.00	42.47 -0.04 -1.02	43.66 -0.04 -0.99	50.61 -0.10 -1.10	62.31 0.54 -1.08	70.43 1.96 -1.00	78.61 3.53 -1.56	70.36 3.62 -0.88	59.45 3.01 -0.59	49.31 2.14 -0.72	40.83 1.47 -0.64
CORNELL_____ 23752	39.12 0.23 -0.01	33.15 0.33 0.00	30.10 0.24 -0.01	29.12 0.17 -0.01	29.06 0.26 -0.01	32.92 0.31 -1.36	44.47 0.24 -5.01	39.63 0.12 -0.80	32.93 -0.10 0.00	31.07 0.00 0.00	32.15 0.06 0.00	33.70 0.10 0.00	35.65 -0.11 0.00	37.31 -0.23 0.00	42.02 -0.21 -0.73	43.41 0.00 -0.70	50.68 0.20 -0.88	62.39 0.79 -0.91	69.62 1.28 -0.87	76.05 1.54 -0.98	68.04 1.45 -0.73	58.57 1.28 -1.44	48.88 0.74 -1.67	39.54 0.39 -0.43

CORONA V_69_KV_TB1 355595	41.98 3.11 0.00	35.12 2.30 0.00	31.91 2.06 0.00	30.81 1.88 0.00	30.64 1.84 0.00	33.09 1.84 0.00	41.38 2.16 0.00	41.47 2.75 0.00	35.60 2.58 0.00	33.92 2.86 0.00	35.26 3.18 0.00	36.82 3.23 0.00	38.79 3.04 0.00	41.02 3.49 0.00	46.00 3.90 -0.61	47.88 4.14 -1.02	53.97 4.37 0.00	65.64 4.92 -0.03	72.02 4.52 -0.03	77.52 3.97 -0.03	68.68 2.83 0.01	58.25 2.40 0.01	49.29 2.83 0.00	40.93 2.21 0.00
CORTLAND_115KV_TB3 80093	38.88 0.00 0.00	32.92 0.10 0.00	29.91 0.06 0.00	28.96 0.03 0.00	28.88 0.09 0.00	31.81 0.09 -0.48	40.94 -0.04 -1.75	38.61 -0.12 -0.01	32.86 -0.17 0.00	31.32 -0.03 -0.28	32.11 0.03 0.00	33.86 0.07 -0.19	35.72 -0.14 -0.10	37.27 -0.26 0.00	41.98 -0.25 -0.73	43.27 -0.13 -0.69	50.24 -0.05 -0.68	61.52 0.30 -0.53	68.58 0.61 -0.51	75.01 0.66 -0.82	66.90 0.66 -0.38	56.94 0.56 -0.53	47.47 0.23 -0.78	39.16 0.00 -0.44
COXSACKIE___GT 23611	40.82 1.94 0.00	34.63 1.80 0.00	31.55 1.70 0.00	30.58 1.65 0.00	30.35 1.55 0.00	32.74 1.50 0.00	40.95 1.72 0.00	40.15 1.43 0.00	33.69 0.66 0.00	31.59 0.53 0.00	32.50 0.42 0.00	34.03 0.44 0.00	35.93 0.18 0.00	38.02 0.49 0.00	42.24 0.75 0.00	43.57 0.85 0.00	50.99 1.39 0.00	63.00 2.31 0.00	70.50 3.04 0.00	77.27 3.75 0.00	69.41 3.55 0.00	58.98 3.13 0.00	48.60 2.14 0.00	40.43 1.70 0.00
CPV_VALLEY___CC1 323721	40.39 1.51 0.00	34.04 1.22 0.00	30.98 1.13 0.00	30.00 1.07 0.00	29.80 1.01 0.00	32.21 0.97 0.00	40.21 0.98 0.00	39.99 1.28 0.00	34.31 1.29 0.00	32.59 1.52 0.00	33.72 1.64 0.00	35.24 1.65 0.00	37.19 1.43 0.00	39.30 1.76 0.00	43.49 1.99 0.00	44.80 2.09 0.00	52.04 2.43 0.00	63.30 2.61 0.00	69.96 2.50 0.00	75.80 2.28 0.00	67.50 1.65 0.00	57.25 1.40 0.00	47.71 1.25 0.00	39.73 1.01 0.00
CPV_VALLEY___CC2 323722	40.39 1.51 0.00	34.04 1.22 0.00	30.98 1.13 0.00	30.00 1.07 0.00	29.80 1.01 0.00	32.21 0.97 0.00	40.21 0.98 0.00	39.99 1.28 0.00	34.31 1.29 0.00	32.59 1.52 0.00	33.72 1.64 0.00	35.24 1.65 0.00	37.19 1.43 0.00	39.30 1.76 0.00	43.49 1.99 0.00	44.80 2.09 0.00	52.04 2.43 0.00	63.30 2.61 0.00	69.96 2.50 0.00	75.80 2.28 0.00	67.50 1.65 0.00	57.25 1.40 0.00	47.71 1.25 0.00	39.73 1.01 0.00
CRESCENT___HYD 24018	40.39 1.51 0.00	34.10 1.28 0.00	31.04 1.20 0.00	30.12 1.19 0.00	29.97 1.18 0.00	32.40 1.16 0.00	40.44 1.22 0.00	39.92 1.20 0.00	33.79 0.76 0.00	31.93 0.87 0.00	32.88 0.80 0.00	34.33 0.74 0.00	36.32 0.57 0.00	38.32 0.79 0.00	42.37 0.87 0.00	43.48 0.77 0.00	50.75 1.14 0.00	62.21 1.52 0.00	69.08 1.62 0.00	75.36 1.84 0.00	67.70 1.84 0.00	57.58 1.73 0.00	47.85 1.39 0.00	40.00 1.28 0.00
CRICKET___VALLEY_CC1 323756	40.70 1.83 0.00	34.27 1.44 0.00	31.22 1.37 0.00	30.24 1.30 0.00	30.06 1.27 0.00	32.43 1.19 0.00	40.44 1.22 0.00	40.27 1.55 0.00	34.58 1.55 0.00	32.87 1.80 0.00	33.97 1.89 0.00	35.48 1.88 0.00	37.40 1.65 0.00	39.56 2.03 0.00	43.78 2.28 0.00	45.15 2.43 0.00	52.43 2.83 0.00	63.72 3.03 0.00	70.30 2.83 0.00	76.09 2.57 0.00	67.83 1.97 0.00	57.58 1.73 0.00	47.99 1.53 0.00	39.96 1.24 0.00
CRICKET___VALLEY_CC2 323757	40.70 1.83 0.00	34.27 1.44 0.00	31.22 1.37 0.00	30.24 1.30 0.00	30.06 1.27 0.00	32.43 1.19 0.00	40.44 1.22 0.00	40.27 1.55 0.00	34.58 1.55 0.00	32.87 1.80 0.00	33.97 1.89 0.00	35.48 1.88 0.00	37.40 1.65 0.00	39.56 2.03 0.00	43.78 2.28 0.00	45.15 2.43 0.00	52.43 2.83 0.00	63.72 3.03 0.00	70.30 2.83 0.00	76.09 2.57 0.00	67.83 1.97 0.00	57.58 1.73 0.00	47.99 1.53 0.00	39.96 1.24 0.00
CRICKET___VALLEY_CC3 323758	40.70 1.83 0.00	34.27 1.44 0.00	31.22 1.37 0.00	30.24 1.30 0.00	30.06 1.27 0.00	32.43 1.19 0.00	40.44 1.22 0.00	40.27 1.55 0.00	34.58 1.55 0.00	32.87 1.80 0.00	33.97 1.89 0.00	35.48 1.88 0.00	37.40 1.65 0.00	39.56 2.03 0.00	43.78 2.28 0.00	45.15 2.43 0.00	52.43 2.83 0.00	63.72 3.03 0.00	70.30 2.83 0.00	76.09 2.57 0.00	67.83 1.97 0.00	57.58 1.73 0.00	47.99 1.53 0.00	39.96 1.24 0.00
CRUCIBLE_METL_DRP 24180	38.41 -0.47 0.00	32.53 -0.30 0.00	29.55 -0.30 0.00	28.61 -0.32 0.00	28.50 -0.29 0.00	30.90 -0.34 0.00	38.68 -0.55 0.00	38.18 -0.54 0.00	32.56 -0.46 0.00	31.05 -0.31 -0.29	31.86 -0.22 0.00	33.59 -0.20 -0.20	35.43 -0.43 -0.11	36.89 -0.64 0.00	42.10 -0.66 -1.27	43.34 -0.60 -1.23	50.28 -0.69 -1.37	61.49 -0.55 -1.34	68.17 -0.54 -1.25	75.10 -0.37 -1.95	66.63 -0.33 -1.10	56.19 -0.39 -0.73	46.84 -0.51 -0.89	39.05 -0.46 -0.80
DAHOWA___HYDRO 323763	41.05 2.18 0.00	34.63 1.80 0.00	31.49 1.64 0.00	30.58 1.65 0.00	30.43 1.64 0.00	32.93 1.69 0.00	41.18 1.96 0.00	40.38 1.66 0.00	34.02 0.99 0.00	32.06 0.99 0.00	32.91 0.83 0.00	34.50 0.91 0.00	36.47 0.71 0.00	38.58 1.05 0.00	42.74 1.24 0.00	43.44 0.73 0.00	50.60 0.99 0.00	62.21 1.52 0.00	69.29 1.82 0.00	75.94 2.42 0.00	68.30 2.44 0.00	58.09 2.24 0.00	48.27 1.81 0.00	40.62 1.90 0.00
DANC___LFGE 323619	39.15 0.27 0.00	33.19 0.36 0.00	30.06 0.21 0.00	29.14 0.20 0.00	29.02 0.23 0.00	31.56 0.31 0.00	39.58 0.35 0.00	38.82 0.08 -0.03	32.90 -0.13 0.00	32.80 -0.15 -1.89	31.89 -0.19 0.00	34.76 -0.13 -1.30	36.20 -0.25 -0.70	37.08 -0.45 0.00	42.28 -0.50 -1.28	43.51 -0.47 -1.27	50.56 -0.65 -1.60	62.24 -0.24 -1.80	69.80 0.67 -1.66	77.48 1.62 -2.34	69.18 1.78 -1.54	58.35 1.40 -1.11	48.50 0.93 -1.11	40.13 0.58 -0.82
DANSKAMMER___1 23586	41.13 2.25 0.00	34.63 1.80 0.00	31.52 1.67 0.00	30.52 1.59 0.00	30.32 1.52 0.00	32.74 1.50 0.00	40.95 1.72 0.00	40.69 1.97 0.00	34.91 1.88 0.00	33.12 2.05 0.00	34.26 2.18 0.00	35.81 2.22 0.00	37.76 2.00 0.00	39.94 2.40 0.00	44.32 2.82 0.00	45.74 3.03 0.00	53.18 3.57 0.00	64.82 4.13 0.00	71.65 4.18 0.00	77.56 4.04 0.00	69.08 3.23 0.00	58.59 2.74 0.00	48.64 2.18 0.00	40.43 1.70 0.00
DANSKAMMER___2 23589	41.13 2.25 0.00	34.63 1.80 0.00	31.52 1.67 0.00	30.52 1.59 0.00	30.32 1.52 0.00	32.74 1.50 0.00	40.95 1.72 0.00	40.69 1.97 0.00	34.91 1.88 0.00	33.12 2.05 0.00	34.26 2.18 0.00	35.81 2.22 0.00	37.76 2.00 0.00	39.94 2.40 0.00	44.32 2.82 0.00	45.74 3.03 0.00	53.18 3.57 0.00	64.82 4.13 0.00	71.65 4.18 0.00	77.56 4.04 0.00	69.08 3.23 0.00	58.59 2.74 0.00	48.64 2.18 0.00	40.43 1.70 0.00
DANSKAMMER___3 23590	41.13 2.25 0.00	34.63 1.80 0.00	31.52 1.67 0.00	30.52 1.59 0.00	30.32 1.52 0.00	32.74 1.50 0.00	40.95 1.72 0.00	40.69 1.97 0.00	34.91 1.88 0.00	33.12 2.05 0.00	34.26 2.18 0.00	35.81 2.22 0.00	37.76 2.00 0.00	39.94 2.40 0.00	44.32 2.82 0.00	45.74 3.03 0.00	53.18 3.57 0.00	64.82 4.13 0.00	71.65 4.18 0.00	77.56 4.04 0.00	69.08 3.23 0.00	58.59 2.74 0.00	48.64 2.18 0.00	40.43 1.70 0.00

DANSKAMMER___4 23591	41.13 2.25 0.00	34.63 1.80 0.00	31.52 1.67 0.00	30.52 1.59 0.00	30.32 1.52 0.00	32.74 1.50 0.00	40.95 1.72 0.00	40.69 1.97 0.00	34.91 1.88 0.00	33.12 2.05 0.00	34.26 2.18 0.00	35.81 2.22 0.00	37.76 2.00 0.00	39.94 2.40 0.00	44.32 2.82 0.00	45.74 3.03 0.00	53.18 3.57 0.00	64.82 4.13 0.00	71.65 4.18 0.00	77.56 4.04 0.00	69.08 3.23 0.00	58.59 2.74 0.00	48.64 2.18 0.00	40.43 1.70 0.00
DANSKAMMER___DIESEL 23592	41.13 2.25 0.00	34.66 1.84 0.00	31.55 1.70 0.00	30.52 1.59 0.00	30.32 1.53 0.00	32.74 1.50 0.00	40.91 1.69 0.00	40.69 1.97 0.00	34.94 1.92 0.00	33.12 2.05 0.00	34.26 2.18 0.00	35.81 2.22 0.00	37.76 2.00 0.00	39.93 2.40 0.00	44.32 2.82 0.00	45.74 3.03 0.00	53.18 3.57 0.00	64.88 4.19 0.00	71.85 4.39 0.00	77.56 4.04 0.00	69.08 3.23 0.00	58.59 2.74 0.00	48.69 2.23 0.00	40.39 1.67 0.00
DARBY___SOLAR 323810	40.90 2.02 0.00	34.50 1.67 0.00	31.37 1.52 0.00	30.46 1.53 0.00	30.32 1.52 0.00	32.80 1.56 0.00	40.99 1.77 0.00	40.27 1.55 0.00	33.92 0.89 0.00	31.97 0.90 0.00	32.85 0.77 0.00	34.40 0.80 0.00	36.36 0.61 0.00	38.43 0.90 0.00	42.57 1.08 0.00	43.39 0.68 0.00	50.55 0.94 0.00	62.14 1.45 0.00	69.21 1.75 0.00	75.80 2.28 0.00	68.16 2.30 0.00	57.92 2.07 0.00	48.18 1.72 0.00	40.47 1.74 0.00
DASHVILLE___HYD 23610	41.09 2.22 0.00	34.60 1.77 0.00	31.49 1.64 0.00	30.47 1.53 0.00	30.26 1.47 0.00	32.65 1.41 0.00	40.75 1.53 0.00	40.54 1.82 0.00	34.81 1.78 0.00	33.02 1.96 0.00	34.20 2.12 0.00	35.71 2.12 0.00	37.65 1.89 0.00	39.82 2.29 0.00	44.19 2.70 0.00	45.62 2.90 0.00	53.08 3.47 0.00	64.70 4.01 0.00	71.65 4.18 0.00	77.34 3.82 0.00	68.82 2.96 0.00	58.42 2.57 0.00	48.60 2.14 0.00	40.31 1.59 0.00
DELAWARE___LFGE 323621	39.89 1.01 0.00	33.68 0.85 0.00	30.65 0.81 0.00	29.71 0.78 0.00	29.57 0.78 0.00	32.00 0.75 0.00	39.95 0.71 -0.02	39.42 0.70 0.00	33.59 0.56 0.00	31.75 0.68 0.00	32.82 0.74 0.00	34.37 0.77 0.00	36.36 0.61 0.00	38.21 0.68 0.00	42.54 0.79 -0.26	43.86 0.90 -0.25	50.98 1.09 -0.28	62.30 1.34 -0.27	69.34 1.62 -0.25	75.53 1.62 -0.39	67.46 1.38 -0.22	57.28 1.28 -0.15	47.66 1.02 -0.18	39.62 0.74 -0.16
DERFIELD_115KV_TB7 355931	39.03 0.16 0.00	32.96 0.13 0.00	30.00 0.15 0.00	29.08 0.14 0.00	28.94 0.14 0.00	31.34 0.09 0.00	39.30 0.08 0.00	38.80 0.08 0.00	33.06 0.03 0.00	31.48 0.09 -0.32	32.18 0.10 0.00	33.92 0.10 -0.22	35.87 0.00 -0.12	37.53 0.00 0.00	41.54 0.04 0.00	42.75 0.04 0.00	49.61 0.00 0.00	60.75 0.06 0.00	67.53 0.07 0.00	73.59 0.07 0.00	65.92 0.07 0.00	55.91 0.06 0.00	46.55 0.09 0.00	38.76 0.04 0.00
DOGLEVILLE___HYD 23807	39.22 0.35 0.00	33.19 0.36 0.00	30.15 0.30 0.00	29.22 0.29 0.00	29.08 0.29 0.00	31.49 0.25 0.00	39.46 0.24 0.00	38.95 0.23 0.00	33.19 0.17 0.00	31.60 0.22 -0.32	32.31 0.22 0.00	34.05 0.24 -0.22	36.01 0.14 -0.12	37.68 0.15 0.00	41.70 0.21 0.00	42.93 0.21 0.00	49.76 0.15 0.00	60.93 0.24 0.00	67.94 0.47 0.00	74.11 0.59 0.00	66.32 0.46 0.00	56.18 0.34 0.00	46.83 0.37 0.00	39.00 0.27 0.00
DUNKIRK___115KV_TB_200 55889	35.35 -3.50 0.03	29.94 -2.89 0.00	27.08 -2.75 0.03	26.22 -2.69 0.03	26.23 -2.53 0.03	25.61 -2.59 3.04	24.84 -3.26 11.13	32.21 -3.64 2.87	30.25 -2.77 0.00	29.45 -1.62 0.00	30.70 -1.38 0.00	32.18 -1.41 0.00	33.54 -2.22 0.00	35.09 -2.44 0.00	38.80 -2.70 0.00	40.07 -2.43 0.20	45.39 -2.48 1.74	54.93 -2.31 3.45	62.04 -2.23 3.20	66.97 -4.19 2.36	58.23 -4.35 3.28	47.77 -3.18 4.89	39.13 -3.21 4.13	34.80 -3.83 0.09
DUNKIRK___1 23563	35.35 -3.50 0.03	29.94 -2.89 0.00	27.08 -2.75 0.03	26.22 -2.69 0.03	26.23 -2.53 0.03	25.61 -2.59 3.04	24.84 -3.26 11.13	32.21 -3.64 2.87	30.25 -2.77 0.00	29.45 -1.62 0.00	30.70 -1.38 0.00	32.18 -1.41 0.00	33.54 -2.22 0.00	35.09 -2.44 0.00	38.80 -2.70 0.00	40.07 -2.43 0.20	45.39 -2.48 1.74	54.93 -2.31 3.45	62.04 -2.23 3.20	66.97 -4.19 2.36	58.23 -4.35 3.28	47.77 -3.18 4.89	39.13 -3.21 4.13	34.80 -3.83 0.09
DUNKIRK___2 23564	35.35 -3.50 0.03	29.94 -2.89 0.00	27.08 -2.75 0.03	26.22 -2.69 0.03	26.23 -2.53 0.03	25.61 -2.59 3.04	24.84 -3.26 11.13	32.21 -3.64 2.87	30.25 -2.77 0.00	29.45 -1.62 0.00	30.70 -1.38 0.00	32.18 -1.41 0.00	33.54 -2.22 0.00	35.09 -2.44 0.00	38.80 -2.70 0.00	40.07 -2.43 0.20	45.39 -2.48 1.74	54.93 -2.31 3.45	62.04 -2.23 3.20	66.97 -4.19 2.36	58.23 -4.35 3.28	47.77 -3.18 4.89	39.13 -3.21 4.13	34.80 -3.83 0.09
DUNKIRK___3 23565	35.23 -3.62 0.03	29.84 -2.99 0.00	26.99 -2.84 0.03	26.13 -2.78 0.03	26.18 -2.59 0.03	25.49 -2.66 3.10	24.55 -3.33 11.34	32.08 -3.72 2.92	30.12 -2.91 0.00	29.30 -1.77 0.00	30.54 -1.54 0.00	31.98 -1.61 0.00	33.32 -2.43 0.00	34.87 -2.66 0.00	38.55 -2.95 0.00	39.82 -2.69 0.21	45.12 -2.73 1.76	54.59 -2.61 3.49	61.60 -2.63 3.23	66.50 -4.63 2.38	57.80 -4.74 3.32	47.54 -3.35 4.96	38.97 -3.30 4.19	34.76 -3.87 0.09
DUNKIRK___4 23566	35.23 -3.62 0.03	29.84 -2.99 0.00	26.99 -2.84 0.03	26.13 -2.78 0.03	26.18 -2.59 0.03	25.49 -2.66 3.10	24.55 -3.33 11.34	32.08 -3.72 2.92	30.12 -2.91 0.00	29.30 -1.77 0.00	30.54 -1.54 0.00	31.98 -1.61 0.00	33.32 -2.43 0.00	34.87 -2.66 0.00	38.55 -2.95 0.00	39.82 -2.69 0.21	45.12 -2.73 1.76	54.59 -2.61 3.49	61.60 -2.63 3.23	66.50 -4.63 2.38	57.80 -4.74 3.32	47.54 -3.35 4.96	38.97 -3.30 4.19	34.76 -3.87 0.09
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.29 2.41 0.00	34.76 1.94 0.00	31.64 1.79 0.00	30.61 1.68 0.00	30.43 1.64 0.00	32.87 1.62 0.00	41.03 1.80 0.00	40.92 2.21 0.00	35.24 2.21 0.00	33.55 2.49 0.00	34.71 2.63 0.00	36.25 2.65 0.00	38.22 2.47 0.00	40.42 2.89 0.00	44.77 3.28 0.00	46.17 3.46 0.00	53.62 4.02 0.00	65.06 4.37 0.00	71.85 4.39 0.00	77.42 3.90 0.00	68.89 3.03 0.00	58.42 2.57 0.00	48.74 2.28 0.00	40.47 1.74 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.90 2.02 0.00	34.47 1.64 0.00	31.37 1.52 0.00	30.35 1.42 0.00	30.15 1.35 0.00	32.59 1.34 0.00	40.71 1.49 0.00	40.54 1.82 0.00	34.81 1.78 0.00	33.05 1.99 0.00	34.20 2.12 0.00	35.71 2.12 0.00	37.68 1.93 0.00	39.86 2.33 0.00	44.19 2.70 0.00	45.57 2.86 0.00	52.98 3.37 0.00	64.51 3.82 0.00	71.38 3.91 0.00	77.12 3.60 0.00	68.69 2.83 0.00	58.25 2.40 0.00	48.46 2.00 0.00	40.20 1.47 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.72 2.84 -0.01	35.03 2.20 -0.01	31.94 2.09 -0.01	30.91 1.97 -0.01	30.70 1.90 -0.01	33.15 1.91 0.00	40.91 1.69 0.00	40.88 2.17 0.00	35.34 2.31 0.00	33.77 2.70 0.00	34.90 2.82 0.00	36.42 2.82 0.00	38.36 2.61 0.00	40.57 3.04 0.00	45.11 3.61 -0.01	46.56 3.84 -0.01	53.89 4.27 -0.02	65.12 4.43 0.00	71.71 4.25 0.00	77.12 3.60 0.00	68.56 2.70 0.00	58.25 2.40 0.00	48.69 2.23 0.00	40.54 1.82 0.00

E179THST_13_KV_LOAD 356214	41.92 3.03 -0.01	35.20 2.36 -0.01	32.06 2.21 -0.01	31.02 2.08 -0.01	30.85 2.04 -0.01	33.31 2.06 0.00	41.11 1.88 0.00	41.08 2.36 0.00	35.54 2.51 0.00	33.96 2.89 0.00	35.06 2.98 0.00	36.62 3.02 0.00	38.58 2.82 0.00	40.76 3.23 0.00	45.36 3.86 -0.01	46.78 4.06 -0.01	54.19 4.56 -0.02	65.48 4.79 0.00	72.12 4.65 0.00	77.56 4.04 0.00	68.95 3.10 0.00	58.59 2.74 0.00	48.92 2.46 0.00	40.74 2.01 0.00
EAST HAMPTON___GT 23717	54.60 3.27 -12.46	40.81 2.26 -5.72	31.79 1.94 0.00	30.73 1.79 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.50 2.27 0.00	43.78 3.13 -1.93	44.17 2.84 -8.31	44.75 3.14 -10.55	40.49 3.53 -4.88	43.81 3.49 -6.72	45.32 3.22 -6.34	50.61 3.79 -9.29	57.05 4.40 -11.16	60.33 4.78 -12.83	71.87 4.51 -17.75	86.67 5.03 -20.95	89.53 4.65 -17.42	84.74 4.34 -6.89	79.04 2.83 -10.36	73.44 2.52 -15.07	56.17 3.67 -6.04	54.83 3.18 -12.93
EAST RIVER___6 23660	41.52 2.64 0.00	34.93 2.10 0.00	31.79 1.94 0.00	30.73 1.79 0.00	30.55 1.76 0.00	32.93 1.69 0.00	41.11 1.88 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.77 2.70 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.65 3.11 0.00	45.07 3.57 0.00	46.51 3.80 0.00	54.09 4.47 -0.01	65.48 4.79 0.00	71.98 4.52 0.00	77.86 4.34 0.00	69.21 3.36 0.00	58.70 2.85 0.00	48.87 2.41 0.00	40.58 1.86 0.00
EAST RIVER___7 23524	41.52 2.64 0.00	34.93 2.10 0.00	31.79 1.94 0.00	30.73 1.79 0.00	30.55 1.76 0.00	32.93 1.69 0.00	41.11 1.88 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.77 2.70 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.65 3.11 0.00	45.07 3.57 0.00	46.51 3.80 0.00	54.09 4.47 -0.01	65.48 4.79 0.00	71.98 4.52 0.00	77.86 4.34 0.00	69.21 3.36 0.00	58.70 2.85 0.00	48.87 2.41 0.00	40.58 1.86 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.21 2.33 0.00	34.70 1.87 0.00	31.58 1.73 0.00	30.55 1.62 0.00	30.38 1.58 0.00	32.81 1.56 0.00	40.95 1.73 0.00	40.81 2.09 0.00	35.14 2.11 0.00	33.46 2.39 0.00	34.62 2.53 0.00	36.15 2.55 0.00	38.11 2.36 0.00	40.27 2.74 0.00	44.65 3.15 0.00	46.04 3.33 0.00	53.43 3.82 0.00	64.88 4.19 0.00	71.65 4.18 0.00	77.27 3.75 0.00	68.76 2.90 0.00	58.31 2.46 0.00	48.64 2.18 0.00	40.39 1.67 0.00
EAST_HAMPTON___DIESEL 23722	54.52 3.19 -12.46	40.75 2.20 -5.72	31.73 1.88 0.00	30.67 1.74 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.46 2.23 0.00	43.74 3.10 -1.93	44.14 2.81 -8.31	44.69 3.08 -10.55	40.42 3.47 -4.88	43.75 3.43 -6.72	45.28 3.18 -6.34	50.58 3.75 -9.29	56.97 4.32 -11.16	60.28 4.74 -12.83	71.82 4.47 -17.75	86.62 4.98 -20.95	89.47 4.59 -17.42	84.67 4.26 -6.89	78.98 2.77 -10.36	73.38 2.45 -15.07	56.12 3.63 -6.04	54.79 3.14 -12.93
EAST_POINT___SOLAR 323840	41.09 2.21 0.00	34.66 1.84 0.00	31.52 1.67 0.00	30.58 1.65 0.00	30.49 1.70 0.00	33.05 1.81 0.00	40.75 1.53 0.00	38.79 0.08 0.00	32.63 -0.39 0.00	30.63 -0.43 0.00	31.47 -0.61 0.00	33.02 -0.57 0.00	34.97 -0.79 0.00	36.97 -0.56 0.00	41.00 -0.50 0.00	42.16 -0.56 0.00	49.16 -0.45 0.00	60.63 -0.06 0.00	68.41 0.94 0.00	77.05 3.53 0.00	70.20 4.35 0.00	59.59 3.74 0.00	49.34 2.88 0.00	40.93 2.21 0.00
EAST_PULASKI___ESR 323781	38.49 -0.39 0.00	32.63 -0.20 0.00	29.58 -0.27 0.00	28.67 -0.26 0.00	28.56 -0.23 0.00	30.99 -0.25 0.00	38.83 -0.39 0.00	38.23 -0.50 -0.01	32.53 -0.49 0.00	31.62 -0.43 -0.99	31.66 -0.42 0.00	33.87 -0.40 -0.68	35.54 -0.57 -0.36	36.71 -0.83 0.00	42.46 -0.91 -1.88	43.76 -0.85 -1.90	51.03 -1.19 -2.61	62.76 -1.09 -3.16	69.71 -0.67 -2.92	77.11 -0.29 -3.89	68.50 -0.13 -2.77	57.74 -0.17 -2.06	48.11 -0.23 -1.88	39.69 -0.27 -1.24
EAST_RIVER___1 323558	41.52 2.64 0.00	34.93 2.10 0.00	31.79 1.94 0.00	30.76 1.82 0.00	30.55 1.76 0.00	32.99 1.75 0.00	41.15 1.92 0.00	41.04 2.32 0.00	35.44 2.41 0.00	33.80 2.73 0.00	34.97 2.89 0.00	36.52 2.92 0.00	38.44 2.68 0.00	40.68 3.15 0.00	45.07 3.57 0.00	46.56 3.85 0.00	54.03 4.41 -0.01	65.43 4.74 0.00	71.98 4.52 0.00	77.71 4.19 0.00	69.08 3.23 0.00	58.59 2.74 0.00	48.83 2.37 0.00	40.58 1.86 0.00
EAST_RIVER___2 323559	41.52 2.64 0.00	34.93 2.10 0.00	31.79 1.94 0.00	30.73 1.79 0.00	30.55 1.76 0.00	32.93 1.69 0.00	41.11 1.88 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.77 2.70 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.65 3.11 0.00	45.07 3.57 0.00	46.51 3.80 0.00	54.09 4.47 -0.01	65.48 4.79 0.00	71.98 4.52 0.00	77.86 4.34 0.00	69.21 3.36 0.00	58.70 2.85 0.00	48.87 2.41 0.00	40.58 1.86 0.00
EAST___DELAWARE_HYD 23607	40.66 1.79 0.00	34.27 1.44 0.00	31.16 1.31 0.00	30.15 1.21 0.00	29.95 1.15 0.00	32.37 1.12 0.00	40.36 1.14 0.00	40.11 1.39 0.00	34.38 1.35 0.00	32.56 1.49 0.00	33.68 1.60 0.00	35.21 1.61 0.00	37.19 1.43 0.00	39.26 1.73 0.00	43.57 2.07 0.00	44.97 2.26 0.00	52.33 2.73 0.00	63.90 3.21 0.00	70.84 3.37 0.00	76.83 3.31 0.00	68.49 2.64 0.00	58.09 2.24 0.00	48.13 1.67 0.00	39.96 1.24 0.00
EIGHT_POINT___WT_PWR 323820	37.34 -1.63 -0.09	31.61 -1.21 0.00	28.75 -1.19 -0.09	27.78 -1.24 -0.09	27.85 -1.04 -0.09	41.81 -0.91 -11.47	80.09 -1.29 -42.16	57.27 -1.82 -20.37	31.24 -1.78 0.00	29.89 -1.18 0.00	31.09 -0.99 0.00	32.65 -0.94 0.00	34.25 -1.50 0.00	35.92 -1.61 0.00	40.05 -1.70 -0.26	41.83 -1.41 -0.52	51.00 -1.19 -2.59	64.75 -0.42 -4.48	71.85 0.07 -4.31	74.09 -0.74 -1.30	67.89 -0.72 -2.75	63.83 -0.22 -8.20	54.22 -0.75 -8.51	37.35 -1.55 -0.17
ELBRIDGE_115KV_TB2 80188	38.18 -0.70 0.00	32.33 -0.49 0.00	29.37 -0.48 0.00	28.44 -0.49 0.00	28.33 -0.46 0.00	30.71 -0.53 0.00	38.48 -0.75 0.00	38.30 -0.81 -0.39	32.40 -0.63 0.00	30.86 -0.47 -0.26	31.70 -0.38 0.00	33.41 -0.37 -0.18	35.21 -0.64 -0.10	36.67 -0.86 0.00	41.89 -0.95 -1.35	43.17 -0.85 -1.31	50.03 -1.04 -1.46	61.21 -0.91 -1.43	67.85 -0.94 -1.33	74.78 -0.81 -2.07	66.31 -0.72 -1.17	55.85 -0.78 -0.78	46.57 -0.84 -0.95	38.87 -0.70 -0.85
ELEC_TRO_TEK 24086	41.79 2.92 0.00	34.99 2.17 0.00	31.79 1.94 0.00	30.67 1.74 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.22 2.00 0.00	41.31 2.59 0.00	35.50 2.48 0.00	33.83 2.76 0.00	35.16 3.08 0.00	36.69 3.09 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.84 3.73 -0.61	47.66 3.93 -1.02	53.62 4.02 0.00	65.20 4.49 -0.01	71.53 4.05 -0.01	76.92 3.38 -0.01	68.16 2.31 0.01	57.80 1.95 0.01	49.11 2.65 0.00	40.78 2.05 0.00
ELLENBURG_WT_PWR 323604	38.72 -0.15 0.00	32.66 -0.16 0.00	29.64 -0.21 0.00	28.79 -0.14 0.00	28.65 -0.14 0.00	31.24 0.00 0.00	39.38 0.16 0.00	38.91 0.19 0.00	33.19 0.17 0.00	31.00 -0.06 0.00	31.95 -0.13 0.00	33.53 -0.07 0.00	36.01 0.25 0.00	37.80 0.26 0.00	41.70 0.21 0.00	42.88 0.17 0.00	49.86 0.25 0.00	60.75 0.06 0.00	67.60 0.14 0.00	73.89 0.37 0.00	66.26 0.40 0.00	56.19 0.34 0.00	46.79 0.33 0.00	38.96 0.23 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.81 -4.04 0.03	29.51 -3.32 0.00	26.72 -3.10 0.03	25.87 -3.04 0.03	25.83 -2.94 0.03	25.04 -3.12 3.08	24.08 -3.92 11.22	31.50 -4.34 2.88	29.72 -3.30 0.00	28.89 -2.17 0.00	30.12 -1.96 0.00	31.55 -2.05 0.00	32.82 -2.93 0.00	34.34 -3.19 0.00	37.93 -3.57 0.00	39.17 -3.33 0.21	43.98 -3.82 1.80	53.29 -3.82 3.58	60.11 -4.05 3.31	65.55 -5.51 2.45	57.06 -5.40 3.40	46.36 -4.47 5.02	38.16 -4.09 4.22	34.72 -3.91 0.10
EMPIRE_CC_1 323656	40.20 1.32 0.00	33.97 1.15 0.00	30.95 1.10 0.00	30.03 1.10 0.00	29.89 1.09 0.00	32.24 1.00 0.00	40.24 1.02 0.00	39.80 1.08 0.00	33.69 0.66 0.00	31.87 0.81 0.00	32.82 0.74 0.00	34.27 0.67 0.00	36.22 0.46 0.00	38.17 0.64 0.00	42.20 0.70 0.00	43.39 0.68 0.00	50.65 1.04 0.00	61.97 1.28 0.00	68.74 1.28 0.00	74.91 1.39 0.00	67.30 1.45 0.00	57.25 1.40 0.00	47.62 1.16 0.00	39.77 1.05 0.00
EMPIRE_CC_2 323658	40.20 1.32 0.00	33.97 1.15 0.00	30.95 1.10 0.00	30.03 1.10 0.00	29.89 1.09 0.00	32.24 1.00 0.00	40.24 1.02 0.00	39.80 1.08 0.00	33.69 0.66 0.00	31.87 0.81 0.00	32.82 0.74 0.00	34.27 0.67 0.00	36.22 0.46 0.00	38.17 0.64 0.00	42.20 0.70 0.00	43.39 0.68 0.00	50.65 1.04 0.00	61.97 1.28 0.00	68.74 1.28 0.00	74.91 1.39 0.00	67.30 1.45 0.00	57.25 1.40 0.00	47.62 1.16 0.00	39.77 1.05 0.00
ENORWICH_115KV_TB1 80156	40.44 1.55 -0.01	34.27 1.44 0.00	31.08 1.22 -0.01	30.10 1.16 -0.01	30.04 1.24 -0.01	33.39 1.44 -0.71	43.45 1.61 -2.61	39.88 1.16 -0.01	33.56 0.53 0.00	31.59 0.53 0.00	32.56 0.48 0.00	34.23 0.64 0.00	36.22 0.46 0.00	37.98 0.45 0.00	42.63 0.58 -0.55	44.04 0.81 -0.52	51.36 1.19 -0.56	63.50 2.31 -0.50	71.79 3.85 -0.48	78.86 4.71 -0.64	70.51 4.28 -0.37	60.14 3.57 -0.72	49.79 2.42 -0.92	40.64 1.59 -0.33
ERIE_ST__34_KV_TB1-2 80199	35.16 -3.69 0.02	29.74 -3.09 0.00	26.96 -2.87 0.02	26.10 -2.81 0.02	26.29 -2.48 0.02	26.16 -2.22 2.87	25.99 -2.75 10.49	32.85 -3.17 2.69	29.99 -3.04 0.00	29.17 -1.90 0.00	30.38 -1.70 0.00	31.85 -1.75 0.00	33.22 -2.54 0.00	34.79 -2.74 0.00	38.51 -2.99 0.00	39.73 -2.78 0.20	45.79 -2.13 1.68	55.11 -2.18 3.39	62.39 -1.96 3.12	65.51 -5.66 2.35	56.96 -5.66 3.24	48.46 -2.68 4.70	39.85 -2.65 3.96	34.26 -4.38 0.09
ERIE_WT_PWR 323693	35.00 -3.85 0.03	29.71 -3.12 0.00	26.87 -2.96 0.03	26.01 -2.89 0.03	26.00 -2.76 0.03	25.31 -2.84 3.09	24.41 -3.53 11.28	31.83 -3.99 2.90	29.92 -3.11 0.00	29.05 -2.02 0.00	30.25 -1.83 0.00	31.71 -1.88 0.00	33.07 -2.68 0.00	34.57 -2.97 0.00	38.17 -3.32 0.00	39.43 -3.08 0.21	44.60 -3.22 1.78	54.05 -3.09 3.55	61.08 -3.10 3.28	65.96 -5.22 2.35	57.46 -5.20 3.19	47.49 -3.80 4.56	39.15 -3.53 3.78	34.68 -3.95 0.09
ESPRGFLD_115KV_TB1 80157	40.35 1.48 0.00	34.07 1.25 0.00	30.98 1.13 0.00	30.03 1.10 0.00	29.92 1.12 0.00	32.43 1.19 0.00	40.44 1.22 0.00	39.41 0.70 0.00	33.42 0.40 0.00	31.50 0.43 0.00	32.47 0.38 0.00	34.07 0.47 0.00	36.08 0.32 0.00	37.94 0.41 0.00	42.04 0.54 0.00	43.31 0.60 0.00	50.35 0.74 0.00	62.02 1.34 0.00	69.69 2.23 0.00	76.53 3.01 0.00	68.82 2.96 0.00	58.42 2.57 0.00	48.46 2.00 0.00	40.12 1.39 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.08 0.19 -0.01	33.09 0.26 0.00	30.06 0.21 -0.01	29.09 0.14 -0.01	29.03 0.23 -0.01	32.66 0.28 -1.14	43.61 0.20 -4.19	39.43 0.04 -0.67	32.89 -0.13 0.00	31.07 0.00 0.00	32.11 0.03 0.00	33.66 0.07 0.00	35.61 -0.14 0.00	37.27 -0.26 0.00	41.99 -0.25 -0.75	43.34 -0.09 -0.71	50.57 0.10 -0.86	62.22 0.67 -0.86	69.44 1.15 -0.82	75.84 1.32 -0.99	67.79 1.25 -0.69	58.21 1.12 -1.25	48.54 0.60 -1.48	39.48 0.31 -0.45
ETNA____115KV_TB2 80207	39.08 0.19 -0.01	33.09 0.26 0.00	30.06 0.21 -0.01	29.09 0.14 -0.01	29.03 0.23 -0.01	32.66 0.28 -1.14	43.61 0.20 -4.19	39.43 0.04 -0.67	32.89 -0.13 0.00	31.07 0.00 0.00	32.11 0.03 0.00	33.66 0.07 0.00	35.61 -0.14 0.00	37.27 -0.26 0.00	41.99 -0.25 -0.75	43.34 -0.09 -0.71	50.57 0.10 -0.86	62.22 0.67 -0.86	69.44 1.15 -0.82	75.84 1.32 -0.99	67.79 1.25 -0.69	58.21 1.12 -1.25	48.54 0.60 -1.48	39.48 0.31 -0.45
EUCLID__115KV_TB2 356179	38.02 -0.86 0.00	32.20 -0.62 0.00	29.22 -0.63 0.00	28.32 -0.61 0.00	28.19 -0.60 0.00	30.56 -0.69 0.00	38.28 -0.94 0.00	37.75 -0.97 -0.01	32.27 -0.76 0.00	30.85 -0.56 -0.35	31.57 -0.51 0.00	33.33 -0.50 -0.24	35.13 -0.75 -0.13	36.56 -0.98 0.00	41.00 -1.08 -0.58	42.18 -1.03 -0.49	48.43 -1.24 -0.06	58.87 -1.27 0.54	65.63 -1.35 0.49	72.10 -1.32 0.10	64.04 -1.19 0.63	54.04 -1.17 0.63	45.20 -1.12 0.15	38.15 -0.89 -0.31
E_CANADA_CAP_HY 24051	40.78 1.90 0.00	34.43 1.61 0.00	31.31 1.46 0.00	30.38 1.45 0.00	30.26 1.47 0.00	32.80 1.56 0.00	40.80 1.57 0.00	39.45 0.73 0.00	33.23 0.20 0.00	31.22 0.16 0.00	32.11 0.03 0.00	33.66 0.07 0.00	35.65 -0.11 0.00	37.61 0.08 0.00	41.70 0.21 0.00	42.88 0.17 0.00	49.91 0.30 0.00	61.60 0.91 0.00	69.35 1.89 0.00	76.90 3.38 0.00	69.41 3.55 0.00	58.92 3.07 0.00	48.92 2.46 0.00	40.58 1.86 0.00
E_CANADA_MHWK_HY 24050	39.22 0.35 0.00	33.19 0.36 0.00	30.15 0.30 0.00	29.22 0.29 0.00	29.08 0.29 0.00	31.49 0.25 0.00	39.46 0.24 0.00	38.95 0.23 0.00	33.19 0.17 0.00	31.60 0.22 -0.32	32.31 0.23 0.00	34.05 0.24 -0.22	36.01 0.14 -0.12	37.68 0.15 0.00	41.70 0.21 0.00	42.93 0.21 0.00	49.76 0.15 0.00	60.93 0.24 0.00	67.94 0.48 0.00	74.10 0.59 0.00	66.32 0.46 0.00	56.19 0.34 0.00	46.83 0.37 0.00	39.00 0.27 0.00
E_FISHKILL__LBMP 23776	40.94 2.06 0.00	34.47 1.64 0.00	31.37 1.52 0.00	30.38 1.45 0.00	30.20 1.41 0.00	32.59 1.34 0.00	40.71 1.49 0.00	40.54 1.82 0.00	34.84 1.82 0.00	33.12 2.05 0.00	34.26 2.18 0.00	35.78 2.18 0.00	37.72 1.97 0.00	39.86 2.33 0.00	44.19 2.70 0.00	45.53 2.82 0.00	52.88 3.27 0.00	64.27 3.58 0.00	71.04 3.58 0.00	76.68 3.16 0.00	68.29 2.44 0.00	57.97 2.12 0.00	48.32 1.86 0.00	40.16 1.43 0.00
FALCON__SEABRD_CC1 323796	39.15 0.27 0.00	32.99 0.16 0.00	29.94 0.09 0.00	29.11 0.17 0.00	28.97 0.17 0.00	31.59 0.34 0.00	39.81 0.59 0.00	39.33 0.62 0.00	33.52 0.50 0.00	31.35 0.28 0.00	32.31 0.23 0.00	33.90 0.30 0.00	36.40 0.64 0.00	38.21 0.68 0.00	42.12 0.62 0.00	43.35 0.64 0.00	50.40 0.79 0.00	61.42 0.73 0.00	68.41 0.94 0.00	74.77 1.25 0.00	67.04 1.19 0.00	56.86 1.01 0.00	47.34 0.88 0.00	39.34 0.62 0.00
FALCON__SEABRD_CC2 323797	39.15 0.27 0.00	32.99 0.16 0.00	29.94 0.09 0.00	29.11 0.17 0.00	28.97 0.17 0.00	31.59 0.34 0.00	39.81 0.59 0.00	39.33 0.62 0.00	33.52 0.50 0.00	31.35 0.28 0.00	32.31 0.23 0.00	33.90 0.30 0.00	36.40 0.64 0.00	38.21 0.68 0.00	42.12 0.62 0.00	43.35 0.64 0.00	50.40 0.79 0.00	61.42 0.73 0.00	68.41 0.94 0.00	74.77 1.25 0.00	67.04 1.19 0.00	56.86 1.01 0.00	47.34 0.88 0.00	39.34 0.62 0.00

FAR ROCKAWAY___4 23548	42.33 3.46 0.00	35.42 2.59 0.00	32.14 2.30 0.00	31.02 2.08 0.00	30.87 2.07 0.00	33.31 2.06 0.00	41.70 2.47 0.00	41.77 3.06 0.00	35.87 2.84 0.00	34.20 3.14 0.00	35.58 3.50 0.00	37.12 3.53 0.00	39.11 3.36 0.00	41.36 3.83 0.00	46.42 4.32 -0.61	48.30 4.57 -1.02	54.47 4.86 0.00	66.25 5.52 -0.04	72.70 5.19 -0.04	78.19 4.63 -0.04	69.28 3.42 0.01	58.69 2.85 0.01	49.76 3.30 0.00	41.24 2.52 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.52 2.64 0.00	34.93 2.10 0.00	31.79 1.94 0.00	30.75 1.82 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.15 1.92 0.00	41.08 2.36 0.00	35.47 2.44 0.00	33.83 2.76 0.00	35.00 2.92 0.00	36.52 2.92 0.00	38.47 2.72 0.00	40.68 3.15 0.00	45.11 3.61 0.00	46.56 3.84 0.00	54.09 4.46 -0.01	65.48 4.79 0.00	72.25 4.79 0.00	77.78 4.26 0.00	69.08 3.23 0.00	58.64 2.79 0.00	48.88 2.42 0.00	40.54 1.82 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.52 2.64 0.00	34.93 2.10 0.00	31.82 1.97 0.00	30.75 1.82 0.00	30.58 1.79 0.00	33.02 1.78 0.00	41.15 1.92 0.00	41.08 2.36 0.00	35.47 2.44 0.00	33.83 2.76 0.00	35.00 2.92 0.00	36.52 2.92 0.00	38.47 2.72 0.00	40.68 3.15 0.00	45.11 3.61 0.00	46.56 3.84 0.00	54.09 4.46 -0.01	65.48 4.79 0.00	72.25 4.79 0.00	77.78 4.26 0.00	69.15 3.29 0.00	58.64 2.79 0.00	48.92 2.46 0.00	40.54 1.82 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.48 2.60 0.00	34.89 2.07 0.00	31.79 1.94 0.00	30.75 1.82 0.00	30.55 1.76 0.00	32.99 1.75 0.00	41.11 1.88 0.00	41.08 2.36 0.00	35.47 2.44 0.00	33.80 2.73 0.00	34.97 2.89 0.00	36.52 2.92 0.00	38.47 2.72 0.00	40.68 3.15 0.00	45.06 3.57 0.00	46.51 3.80 0.00	54.04 4.41 -0.01	65.48 4.79 0.00	72.19 4.72 0.00	77.71 4.19 0.00	69.08 3.23 0.00	58.59 2.74 0.00	48.88 2.42 0.00	40.54 1.82 0.00
FARRAGUT___LBMP 323566	41.48 2.60 0.00	34.89 2.07 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.55 1.76 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.04 2.32 0.00	35.44 2.41 0.00	33.77 2.70 0.00	34.94 2.86 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.65 3.12 0.00	45.02 3.53 0.00	46.47 3.76 0.00	53.99 4.37 -0.01	65.42 4.73 0.00	72.12 4.65 0.00	77.64 4.12 0.00	69.02 3.16 0.00	58.53 2.68 0.00	48.83 2.37 0.00	40.51 1.78 0.00
FARRCKWY_69_KV_BK2 55825	42.33 3.46 0.00	35.42 2.59 0.00	32.14 2.30 0.00	31.02 2.08 0.00	30.87 2.07 0.00	33.31 2.06 0.00	41.70 2.47 0.00	41.77 3.06 0.00	35.87 2.84 0.00	34.20 3.14 0.00	35.58 3.50 0.00	37.12 3.53 0.00	39.11 3.36 0.00	41.36 3.83 0.00	46.42 4.32 -0.61	48.30 4.57 -1.02	54.47 4.86 0.00	66.25 5.52 -0.04	72.70 5.19 -0.04	78.19 4.63 -0.04	69.28 3.42 0.01	58.69 2.85 0.01	49.76 3.30 0.00	41.24 2.52 0.00
FENNER___WINDPWR 24204	39.26 0.39 0.00	33.22 0.40 0.00	30.18 0.33 0.00	29.22 0.29 0.00	29.11 0.32 0.00	31.59 0.34 0.00	39.58 0.35 0.00	38.96 0.23 -0.01	33.13 0.10 0.00	31.72 0.16 -0.49	32.24 0.16 0.00	34.14 0.20 -0.34	36.04 0.11 -0.18	37.53 0.00 0.00	42.09 0.04 -0.55	43.35 0.13 -0.51	50.18 0.20 -0.37	61.36 0.54 -0.13	68.67 1.08 -0.13	75.37 1.39 -0.46	67.27 1.39 -0.03	56.90 1.12 0.06	47.37 0.74 -0.17	39.52 0.47 -0.33
FIBERTEK___ENERGY 23856	38.41 -0.47 0.00	32.53 -0.30 0.00	29.55 -0.30 0.00	28.61 -0.32 0.00	28.50 -0.29 0.00	30.90 -0.34 0.00	38.68 -0.55 0.00	38.18 -0.54 0.00	32.56 -0.46 0.00	31.05 -0.31 -0.29	31.86 -0.22 0.00	33.59 -0.20 -0.20	35.43 -0.43 -0.11	36.89 -0.64 0.00	42.10 -0.66 -1.27	43.34 -0.60 -1.23	50.28 -0.69 -1.37	61.49 -0.55 -1.34	68.17 -0.54 -1.25	75.10 -0.37 -1.95	66.63 -0.33 -1.10	56.19 -0.39 -0.73	46.84 -0.51 -0.89	39.05 -0.46 -0.80
FITZPATRICK____ 23598	37.59 -1.28 0.00	31.84 -0.98 0.00	28.92 -0.93 0.00	28.03 -0.90 0.00	27.90 -0.89 0.00	30.21 -1.03 0.00	37.89 -1.33 0.00	37.36 -1.36 0.00	31.94 -1.09 0.00	30.16 -0.90 0.00	31.22 -0.86 0.00	32.69 -0.91 0.00	34.61 -1.15 0.00	36.07 -1.46 0.00	33.00 -1.62 6.88	34.40 -1.62 6.69	40.20 -1.94 7.47	51.20 -2.18 7.31	58.37 -2.29 6.80	60.50 -2.42 10.60	57.70 -2.17 5.99	49.91 -1.96 3.98	39.90 -1.72 4.84	33.00 -1.39 4.33
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.17 2.29 0.00	34.70 1.87 0.00	31.58 1.73 0.00	30.58 1.65 0.00	30.38 1.58 0.00	32.81 1.56 0.00	40.99 1.77 0.00	40.77 2.05 0.00	34.98 1.95 0.00	33.15 2.08 0.00	34.29 2.21 0.00	35.85 2.25 0.00	37.79 2.04 0.00	39.97 2.44 0.00	44.36 2.86 0.00	45.79 3.08 0.00	53.28 3.67 0.00	65.00 4.31 0.00	71.98 4.52 0.00	77.71 4.19 0.00	69.22 3.36 0.00	58.70 2.85 0.00	48.78 2.32 0.00	40.47 1.74 0.00
FORT ORANGE____ 23900	39.92 1.05 0.00	33.84 1.02 0.00	30.86 1.02 0.00	29.94 1.01 0.00	29.74 0.95 0.00	32.12 0.87 0.00	40.13 0.90 0.00	39.61 0.89 0.00	33.42 0.40 0.00	31.53 0.47 0.00	32.50 0.42 0.00	33.97 0.37 0.00	35.93 0.18 0.00	37.91 0.38 0.00	42.00 0.50 0.00	43.18 0.47 0.00	50.25 0.64 0.00	61.54 0.85 0.00	68.41 0.94 0.00	74.62 1.10 0.00	66.98 1.12 0.00	56.86 1.01 0.00	47.30 0.84 0.00	39.50 0.77 0.00
FORT_DRUM_COGEN 23780	40.04 1.17 0.00	33.94 1.12 0.00	30.68 0.84 0.00	29.77 0.84 0.00	29.69 0.89 0.00	32.31 1.06 0.00	40.56 1.33 0.00	39.65 0.89 -0.05	33.39 0.36 0.00	34.49 0.25 -3.17	32.24 0.16 0.00	36.04 0.27 -2.18	37.17 0.25 -1.17	37.61 0.08 0.00	42.50 0.08 -0.92	43.69 0.09 -0.89	50.65 0.05 -0.99	62.33 0.67 -0.97	70.59 2.23 -0.90	78.90 3.97 -1.41	70.67 4.02 -0.80	59.73 3.35 -0.53	49.52 2.42 -0.64	41.04 1.74 -0.58
FOX_HILLS___ESR 323835	41.80 2.92 -0.01	35.20 2.36 -0.01	31.97 2.12 -0.01	30.93 1.99 -0.01	30.73 1.93 -0.01	33.15 1.91 0.00	41.11 1.88 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.80 2.73 0.00	35.00 2.92 0.00	36.55 2.96 0.00	38.54 2.79 0.00	40.80 3.26 0.00	45.24 3.74 -0.01	46.73 4.01 -0.01	54.24 4.61 -0.02	65.30 4.61 0.00	71.72 4.25 0.00	77.12 3.60 0.00	68.62 2.77 0.00	58.64 2.79 0.00	49.01 2.55 0.00	40.85 2.13 0.00
FPL_FAR_ROCK_GT1 24212	42.41 3.54 0.00	35.42 2.59 0.00	32.11 2.27 0.00	31.02 2.08 0.00	30.87 2.07 0.00	33.30 2.06 0.00	41.70 2.47 0.00	41.77 3.06 0.00	35.87 2.84 0.00	34.17 3.11 0.00	35.59 3.50 -0.01	37.13 3.53 -0.01	39.08 3.33 0.00	41.37 3.83 -0.01	46.42 4.32 -0.61	48.31 4.57 -1.02	54.42 4.81 0.00	66.25 5.52 -0.04	72.50 4.99 -0.04	78.19 4.63 -0.04	69.21 3.36 0.00	58.69 2.85 0.00	49.62 3.16 0.00	41.28 2.56 0.00
FPL_FAR_ROCK_GT2 23815	42.41 3.54 0.00	35.42 2.59 0.00	32.11 2.27 0.00	31.02 2.08 0.00	30.87 2.07 0.00	33.30 2.06 0.00	41.70 2.47 0.00	41.77 3.06 0.00	35.87 2.84 0.00	34.17 3.11 0.00	35.59 3.50 -0.01	37.13 3.53 -0.01	39.08 3.33 0.00	41.37 3.83 -0.01	46.42 4.32 -0.61	48.31 4.57 -1.02	54.42 4.81 0.00	66.25 5.52 -0.04	72.50 4.99 -0.04	78.19 4.63 -0.04	69.21 3.36 0.00	58.69 2.85 0.00	49.62 3.16 0.00	41.28 2.56 0.00



FRANKLIN_FALL_HYD 24054	39.11 0.23 0.00	32.96 0.13 0.00	29.88 0.03 0.00	29.05 0.12 0.00	28.91 0.12 0.00	31.56 0.31 0.00	39.73 0.51 0.00	39.35 0.58 -0.06	33.52 0.50 0.00	35.22 0.25 -3.91	32.24 0.16 0.00	36.55 0.27 -2.68	37.80 0.61 -1.44	38.17 0.64 0.00	42.08 0.58 0.00	43.22 0.51 0.00	50.20 0.60 0.00	61.24 0.55 0.00	68.27 0.81 0.00	74.92 1.40 0.00	67.24 1.38 0.00	57.02 1.17 0.00	47.48 1.02 0.00	39.54 0.81 0.00
FREEPORT_EQUS_GT1 23764	42.33 3.46 0.00	35.32 2.49 0.00	32.00 2.15 0.00	30.90 1.97 0.00	30.75 1.96 0.00	33.21 1.97 0.00	41.62 2.39 0.00	41.70 2.98 0.00	35.77 2.74 0.00	34.11 3.05 0.00	35.49 3.40 -0.01	37.06 3.46 -0.01	39.01 3.25 0.00	41.29 3.75 -0.01	46.29 4.19 -0.61	48.13 4.40 -1.02	54.02 4.41 0.00	65.68 4.98 -0.01	71.86 4.38 -0.01	77.43 3.89 -0.01	68.55 2.70 0.00	58.14 2.29 0.00	49.44 2.98 0.00	41.20 2.48 0.00
FREEPORT___CT2 23818	42.33 3.46 0.00	35.32 2.49 0.00	32.00 2.15 0.00	30.90 1.97 0.00	30.75 1.96 0.00	33.21 1.97 0.00	41.62 2.39 0.00	41.70 2.98 0.00	35.77 2.74 0.00	34.11 3.05 0.00	35.49 3.40 -0.01	37.06 3.46 -0.01	39.01 3.25 0.00	41.29 3.75 -0.01	46.29 4.19 -0.61	48.13 4.40 -1.02	54.02 4.41 0.00	65.68 4.98 -0.01	71.86 4.38 -0.01	77.43 3.89 -0.01	68.55 2.70 0.00	58.14 2.29 0.00	49.44 2.98 0.00	41.20 2.48 0.00
FRESHKLS_33_KV_LOAD 356253	41.84 2.95 -0.01	35.26 2.43 -0.01	32.03 2.18 -0.01	30.99 2.05 -0.01	30.82 2.01 -0.01	33.21 1.97 0.00	41.18 1.96 0.00	41.08 2.36 0.00	35.44 2.41 0.00	33.83 2.76 0.00	35.03 2.95 0.00	36.62 3.02 0.00	38.58 2.82 0.00	40.84 3.30 0.00	45.32 3.82 -0.01	46.82 4.10 -0.01	54.34 4.72 -0.02	65.17 4.49 0.01	71.79 4.32 0.00	77.12 3.60 0.00	68.69 2.83 0.00	58.86 3.01 0.00	49.15 2.69 0.00	40.97 2.25 0.00
FULTON COGEN____ 23766	37.86 -1.01 0.00	32.07 -0.75 0.00	29.13 -0.72 0.00	28.21 -0.72 0.00	28.10 -0.69 0.00	30.46 -0.78 0.00	38.17 -1.06 0.00	37.64 -1.08 -0.01	32.14 -0.89 0.00	30.75 -0.71 -0.40	31.41 -0.67 0.00	33.19 -0.67 -0.27	34.97 -0.93 -0.15	36.33 -1.20 0.00	42.40 -1.33 -2.23	43.75 -1.24 -2.27	51.21 -1.59 -3.19	62.99 -1.64 -3.94	69.34 -1.75 -3.63	76.60 -1.69 -4.77	67.88 -1.45 -3.47	57.05 -1.40 -2.60	47.53 -1.25 -2.32	39.15 -1.05 -1.48
FULTON___LFGE 323630	40.86 1.98 0.00	34.50 1.67 0.00	31.37 1.52 0.00	30.44 1.50 0.00	30.32 1.52 0.00	32.84 1.59 0.00	40.87 1.65 0.00	39.53 0.81 0.00	33.19 0.17 0.00	31.16 0.09 0.00	32.02 -0.06 0.00	33.56 -0.03 0.00	35.54 -0.21 0.00	37.53 0.08 0.00	41.58 0.08 0.00	42.80 0.09 0.00	49.91 0.30 0.00	61.66 0.97 0.00	69.49 2.02 0.00	77.12 3.60 0.00	69.61 3.75 0.00	59.03 3.18 0.00	48.97 2.51 0.00	40.66 1.94 0.00
G.F.CEMENT___DRP 24184	41.36 2.49 0.00	34.89 2.07 0.00	31.73 1.88 0.00	30.78 1.85 0.00	30.66 1.87 0.00	33.18 1.94 0.00	41.54 2.31 0.00	40.69 1.97 0.00	34.22 1.19 0.00	32.25 1.18 0.00	33.11 1.03 0.00	34.74 1.14 0.00	36.72 0.97 0.00	38.88 1.35 0.00	43.11 1.62 0.00	43.52 0.81 0.00	50.60 0.99 0.00	62.21 1.52 0.00	69.35 1.89 0.00	76.09 2.57 0.00	68.36 2.50 0.00	58.03 2.18 0.00	48.32 1.86 0.00	40.82 2.09 0.00
GARDENVILLE___LBMP 24039	34.96 -3.89 0.03	29.61 -3.22 0.00	26.80 -3.01 0.03	25.95 -2.95 0.03	25.94 -2.82 0.03	24.92 -2.94 3.39	23.18 -3.65 12.39	31.42 -4.10 3.19	29.82 -3.20 0.00	28.98 -2.08 0.00	30.19 -1.89 0.00	31.61 -1.98 0.00	32.93 -2.82 0.00	34.45 -3.08 0.00	38.09 -3.40 0.00	39.29 -3.20 0.22	44.33 -3.42 1.85	53.56 -3.46 3.68	60.49 -3.58 3.40	65.67 -5.37 2.48	57.10 -5.27 3.48	46.52 -4.02 5.30	38.18 -3.76 4.51	34.68 -3.95 0.09
GARDNVLA_35_KV_LD 355827	35.08 -3.77 0.03	29.71 -3.12 0.00	26.90 -2.92 0.03	26.04 -2.86 0.03	26.06 -2.71 0.03	25.43 -2.84 2.97	24.83 -3.53 10.87	31.94 -3.99 2.79	29.92 -3.10 0.00	29.08 -1.99 0.00	30.32 -1.76 0.00	31.75 -1.85 0.00	33.07 -2.68 0.00	34.60 -2.93 0.00	38.26 -3.24 0.00	39.52 -2.99 0.21	44.69 -3.17 1.74	54.07 -3.16 3.47	60.95 -3.31 3.21	65.99 -5.15 2.39	57.42 -5.14 3.30	47.20 -3.80 4.85	38.76 -3.62 4.08	34.76 -3.87 0.09
GELCKHM___115KV_LOAD 80723	38.14 -0.74 0.00	32.30 -0.53 0.00	29.34 -0.51 0.00	28.41 -0.52 0.00	28.30 -0.49 0.00	30.68 -0.56 0.00	38.44 -0.78 0.00	37.91 -0.81 0.00	32.37 -0.66 0.00	30.92 -0.47 -0.32	31.70 -0.38 0.00	33.45 -0.37 -0.22	35.23 -0.64 -0.12	36.67 -0.86 0.00	41.41 -0.91 -0.83	42.61 -0.85 -0.75	49.09 -1.04 -0.52	59.83 -0.97 -0.11	66.57 -1.01 -0.12	73.18 -0.96 -0.62	64.97 -0.86 0.03	54.80 -0.89 0.16	45.74 -0.93 -0.21	38.47 -0.74 -0.49
GENERAL___MILLS 23808	35.04 -3.81 0.03	29.67 -3.15 0.00	26.87 -2.95 0.03	26.01 -2.89 0.03	26.03 -2.74 0.03	25.31 -2.84 3.09	24.37 -3.57 11.28	31.83 -3.99 2.90	29.86 -3.17 0.00	29.05 -2.02 0.00	30.25 -1.83 0.00	31.68 -1.91 0.00	33.00 -2.75 0.00	34.53 -3.00 0.00	38.18 -3.32 0.00	39.43 -3.08 0.21	44.56 -3.27 1.77	53.89 -3.28 3.52	60.83 -3.37 3.26	65.81 -5.29 2.41	57.24 -5.27 3.35	46.96 -3.91 4.98	38.59 -3.67 4.20	34.68 -3.95 0.09
GE_PLASTICS___DRP 24183	39.77 0.89 0.00	33.68 0.85 0.00	30.68 0.84 0.00	29.74 0.81 0.00	29.60 0.81 0.00	31.96 0.72 0.00	39.93 0.71 0.00	39.45 0.74 0.00	33.46 0.43 0.00	31.59 0.53 0.00	32.59 0.51 0.00	34.07 0.47 0.00	36.04 0.29 0.00	37.98 0.45 0.00	42.04 0.54 0.00	43.22 0.51 0.00	50.30 0.69 0.00	61.48 0.79 0.00	68.27 0.81 0.00	74.25 0.74 0.00	66.58 0.72 0.00	56.58 0.73 0.00	47.16 0.70 0.00	39.30 0.58 0.00
GILBOA___1 23756	39.88 1.01 0.00	33.68 0.85 0.00	30.74 0.89 0.00	29.80 0.87 0.00	29.66 0.86 0.00	31.96 0.72 0.00	39.93 0.71 0.00	39.53 0.81 0.00	33.69 0.66 0.00	31.91 0.84 0.00	32.95 0.87 0.00	34.44 0.84 0.00	36.43 0.68 0.00	38.36 0.82 0.00	42.45 0.96 0.00	43.65 0.94 0.00	50.75 1.14 0.00	61.90 1.21 0.00	68.48 1.01 0.00	74.33 0.81 0.00	66.65 0.79 0.00	56.69 0.84 0.00	47.30 0.84 0.00	39.42 0.70 0.00
GILBOA___2 23757	39.88 1.01 0.00	33.68 0.85 0.00	30.74 0.89 0.00	29.80 0.87 0.00	29.66 0.86 0.00	31.96 0.72 0.00	39.93 0.71 0.00	39.53 0.81 0.00	33.69 0.66 0.00	31.91 0.84 0.00	32.95 0.87 0.00	34.44 0.84 0.00	36.43 0.68 0.00	38.36 0.82 0.00	42.45 0.96 0.00	43.65 0.94 0.00	50.75 1.14 0.00	61.90 1.21 0.00	68.48 1.01 0.00	74.33 0.81 0.00	66.65 0.79 0.00	56.69 0.84 0.00	47.30 0.84 0.00	39.42 0.70 0.00
GILBOA___3 23758	39.88 1.01 0.00	33.68 0.85 0.00	30.74 0.89 0.00	29.80 0.87 0.00	29.66 0.86 0.00	31.96 0.72 0.00	39.93 0.71 0.00	39.53 0.81 0.00	33.69 0.66 0.00	31.91 0.84 0.00	32.95 0.87 0.00	34.44 0.84 0.00	36.43 0.68 0.00	38.36 0.82 0.00	42.45 0.96 0.00	43.65 0.94 0.00	50.75 1.14 0.00	61.90 1.21 0.00	68.48 1.01 0.00	74.33 0.81 0.00	66.65 0.79 0.00	56.69 0.84 0.00	47.30 0.84 0.00	39.42 0.70 0.00

GILBOA___4 23759	39.88 1.01 0.00	33.68 0.85 0.00	30.74 0.89 0.00	29.80 0.87 0.00	29.66 0.86 0.00	31.96 0.72 0.00	39.93 0.71 0.00	39.53 0.81 0.00	33.69 0.66 0.00	31.91 0.84 0.00	32.95 0.87 0.00	34.44 0.84 0.00	36.43 0.68 0.00	38.36 0.82 0.00	42.45 0.96 0.00	43.65 0.94 0.00	50.75 1.14 0.00	61.90 1.21 0.00	68.48 1.01 0.00	74.33 0.81 0.00	66.65 0.79 0.00	56.69 0.84 0.00	47.30 0.84 0.00	39.42 0.70 0.00
GILBOA____ 23599	39.89 1.01 0.00	33.68 0.85 0.00	30.74 0.90 0.00	29.80 0.87 0.00	29.66 0.86 0.00	31.96 0.72 0.00	39.93 0.71 0.00	39.53 0.81 0.00	33.69 0.66 0.00	31.90 0.84 0.00	32.95 0.87 0.00	34.44 0.84 0.00	36.43 0.68 0.00	38.36 0.83 0.00	42.45 0.95 0.00	43.65 0.94 0.00	50.75 1.14 0.00	61.90 1.21 0.00	68.54 1.08 0.00	74.33 0.81 0.00	66.65 0.79 0.00	56.69 0.84 0.00	47.30 0.84 0.00	39.38 0.66 0.00
GINNA____ 23603	35.37 -3.50 0.00	29.90 -2.92 0.00	27.07 -2.77 0.00	26.18 -2.75 0.00	26.08 -2.71 0.00	27.52 -3.15 0.57	33.23 -3.88 2.11	34.65 -4.06 0.01	30.19 -2.84 0.00	28.77 -2.30 0.00	29.96 -2.12 0.00	31.41 -2.18 0.00	33.07 -2.68 0.00	34.49 -3.04 0.00	38.01 -3.49 0.00	39.16 -3.38 0.17	43.83 -4.46 1.31	53.55 -4.49 2.65	60.44 -4.59 2.43	66.74 -4.63 2.15	58.90 -4.41 2.54	48.70 -4.63 2.51	40.62 -4.18 1.66	35.56 -3.06 0.11
GLEN PARK____ 23778	40.16 1.28 0.00	34.07 1.25 0.00	30.80 0.95 0.00	29.86 0.93 0.00	29.80 1.01 0.00	32.43 1.19 0.00	40.71 1.49 0.00	39.73 0.97 -0.04	33.46 0.43 0.00	34.39 0.31 -3.02	32.31 0.23 0.00	36.00 0.34 -2.07	37.18 0.32 -1.11	37.68 0.15 0.00	42.58 0.12 -0.96	43.77 0.13 -0.93	50.75 0.10 -1.04	62.56 0.85 -1.02	70.97 2.56 -0.95	79.33 4.34 -1.48	71.10 4.41 -0.83	60.09 3.69 -0.55	49.78 2.65 -0.67	41.19 1.86 -0.60
GLENDALE_27_KV_LOAD 356172	41.80 2.92 -0.01	35.16 2.33 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.21 1.97 0.00	41.26 2.04 0.00	41.23 2.52 0.00	35.64 2.61 0.00	34.02 2.95 0.00	35.19 3.11 0.00	36.72 3.12 0.00	38.72 2.97 0.00	40.91 3.38 0.00	45.40 3.90 -0.01	46.86 4.14 -0.01	54.38 4.76 -0.02	65.73 5.04 0.00	72.46 4.99 0.00	77.86 4.34 0.00	69.22 3.36 0.00	58.81 2.96 0.00	49.06 2.60 0.00	40.78 2.05 0.00
GLENWOOD_IC_1_G5 23712	41.79 2.92 0.00	35.03 2.20 0.00	31.85 2.00 0.00	30.75 1.82 0.00	30.61 1.81 0.00	33.02 1.78 0.00	41.30 2.08 0.00	41.31 2.59 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.16 3.08 0.00	36.72 3.12 0.00	38.69 2.93 0.00	40.91 3.38 0.00	45.92 3.82 -0.61	47.79 4.06 -1.02	53.97 4.37 0.00	65.55 4.86 -0.01	71.65 4.18 -0.01	77.06 3.53 -0.01	68.62 2.77 0.00	58.36 2.51 0.00	49.15 2.69 0.00	40.82 2.09 0.00
GLENWOOD_IC_2_G1 23688	41.60 2.72 0.00	34.90 2.07 0.00	31.70 1.85 0.00	30.67 1.74 0.00	30.49 1.70 0.00	32.93 1.69 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.37 2.35 0.00	33.68 2.61 0.00	34.98 2.89 -0.01	36.49 2.89 -0.01	38.44 2.68 0.00	40.65 3.11 -0.01	45.63 3.53 -0.61	47.49 3.76 -1.02	53.67 4.07 0.00	65.18 4.49 0.00	71.58 4.12 0.00	77.27 3.75 0.00	68.62 2.77 0.00	58.25 2.40 0.00	48.87 2.41 0.00	40.66 1.94 0.00
GLENWOOD_IC_3_G1 23689	41.60 2.72 0.00	34.90 2.07 0.00	31.70 1.85 0.00	30.67 1.74 0.00	30.49 1.70 0.00	32.93 1.69 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.37 2.35 0.00	33.68 2.61 0.00	34.98 2.89 -0.01	36.49 2.89 -0.01	38.44 2.68 0.00	40.65 3.11 -0.01	45.63 3.53 -0.61	47.49 3.76 -1.02	53.67 4.07 0.00	65.18 4.49 0.00	71.58 4.12 0.00	77.27 3.75 0.00	68.62 2.77 0.00	58.25 2.40 0.00	48.87 2.41 0.00	40.66 1.94 0.00
GLENWOOD___4 23550	41.79 2.92 0.00	35.03 2.20 0.00	31.85 2.00 0.00	30.75 1.82 0.00	30.61 1.81 0.00	33.02 1.78 0.00	41.30 2.08 0.00	41.31 2.59 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.16 3.08 0.00	36.72 3.12 0.00	38.69 2.93 0.00	40.91 3.38 0.00	45.92 3.82 -0.61	47.79 4.06 -1.02	53.97 4.37 0.00	65.55 4.86 -0.01	71.79 4.32 -0.01	77.28 3.75 -0.01	68.69 2.83 0.00	58.36 2.51 0.00	49.15 2.69 0.00	40.82 2.09 0.00
GLENWOOD___5 23614	41.79 2.92 0.00	35.03 2.20 0.00	31.85 2.00 0.00	30.75 1.82 0.00	30.61 1.81 0.00	33.02 1.78 0.00	41.30 2.08 0.00	41.31 2.59 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.16 3.08 0.00	36.72 3.12 0.00	38.69 2.93 0.00	40.91 3.38 0.00	45.92 3.82 -0.61	47.79 4.06 -1.02	53.97 4.37 0.00	65.55 4.86 -0.01	71.79 4.32 -0.01	77.28 3.75 -0.01	68.69 2.83 0.00	58.36 2.51 0.00	49.15 2.69 0.00	40.82 2.09 0.00
GLOBAL GREEN_PORT_GT1 23814	54.99 3.65 -12.46	41.14 2.59 -5.72	32.09 2.24 0.00	30.99 2.05 0.00	30.84 2.04 0.00	33.30 2.06 0.00	41.85 2.63 0.00	44.09 3.44 -1.93	44.44 3.10 -8.31	45.00 3.39 -10.55	40.74 3.78 -4.88	44.12 3.80 -6.73	45.64 3.54 -6.34	50.96 4.13 -9.30	57.35 4.69 -11.16	60.63 5.08 -12.84	72.17 4.81 -17.75	87.11 5.46 -20.96	89.95 5.06 -17.42	85.12 4.71 -6.89	79.38 3.16 -10.36	73.72 2.79 -15.08	56.35 3.85 -6.04	54.94 3.29 -12.93
GLOBE___DSASP 323697	33.84 -5.01 0.02	28.92 -3.91 0.00	26.04 -3.79 0.02	25.18 -3.73 0.02	25.03 -3.74 0.02	24.79 -4.06 2.39	25.39 -5.10 8.74	31.04 -5.50 2.18	29.00 -4.03 0.00	28.18 -2.89 0.00	29.39 -2.69 0.00	30.71 -2.89 0.00	31.93 -3.83 0.00	33.33 -4.20 0.00	36.77 -4.73 0.00	37.98 -4.53 0.20	42.13 -5.80 1.67	52.02 -5.34 3.33	57.91 -6.48 3.08	63.93 -7.20 2.38	55.77 -6.92 3.18	45.07 -6.42 4.35	37.59 -5.34 3.53	34.33 -4.30 0.10
GOETHSLN___LBMP 323567	41.32 2.45 0.00	34.76 1.94 0.00	31.67 1.82 0.00	30.61 1.68 0.00	30.43 1.64 0.00	32.87 1.62 0.00	40.91 1.69 0.00	40.88 2.17 0.00	35.37 2.34 0.00	33.71 2.64 0.00	34.87 2.79 0.00	36.35 2.75 0.00	38.29 2.54 0.00	40.50 2.97 0.00	44.94 3.44 0.00	46.39 3.67 0.00	53.84 4.22 -0.01	65.18 4.49 0.00	71.92 4.45 0.00	77.42 3.90 0.00	68.76 2.90 0.00	58.31 2.46 0.00	48.64 2.18 0.00	40.31 1.59 0.00
GOLAH___69_KV_TB 1_2 80279	36.42 -2.45 0.00	30.79 -2.04 0.00	27.87 -1.97 0.00	26.96 -1.97 0.00	26.83 -1.96 0.00	28.35 -2.28 0.61	34.28 -2.71 2.24	35.66 -3.06 0.00	31.05 -1.98 0.00	29.76 -1.30 0.00	30.99 -1.09 0.00	32.49 -1.11 0.00	34.04 -1.72 0.00	35.54 -1.99 0.00	39.17 -2.32 0.00	40.41 -2.14 0.17	45.38 -2.93 1.29	55.40 -2.67 2.62	62.30 -2.77 2.40	69.19 -2.21 2.12	60.95 -2.37 2.54	50.42 -2.85 2.59	41.92 -2.79 1.75	36.80 -1.82 0.11
GOODYEAR_LAKE_HYD 323669	40.08 1.21 0.00	33.84 1.02 0.00	30.80 0.96 0.00	29.83 0.90 0.00	29.71 0.92 0.00	32.18 0.94 0.00	40.18 0.94 -0.01	39.49 0.77 0.00	33.62 0.59 0.00	31.78 0.71 0.00	32.82 0.74 0.00	34.37 0.77 0.00	36.40 0.64 0.00	38.24 0.71 0.00	42.53 0.83 -0.20	43.85 0.94 -0.20	50.97 1.14 -0.22	62.42 1.52 -0.21	69.75 2.09 -0.20	76.18 2.35 -0.31	68.14 2.11 -0.17	57.87 1.90 -0.12	48.04 1.44 -0.14	39.86 1.01 -0.13

GOUDEY___1 345031	38.76 -0.12 0.00	32.79 -0.03 0.00	29.82 -0.03 0.00	28.85 -0.09 0.00	28.80 0.00 0.00	31.77 0.00 -0.52	40.99 -0.16 -1.92	38.49 -0.23 -0.01	32.80 -0.23 0.00	31.07 0.00 0.00	32.18 0.10 0.00	33.70 0.10 0.00	35.61 -0.14 0.00	37.31 -0.23 0.00	41.82 -0.21 -0.53	43.16 -0.04 -0.49	50.18 0.10 -0.47	61.39 0.36 -0.33	68.33 0.54 -0.32	74.26 0.22 -0.52	66.21 0.13 -0.22	56.64 0.34 -0.46	47.23 0.09 -0.68	38.80 -0.23 -0.31
GOUDEY___7 23579	38.76 -0.12 0.00	32.79 -0.03 0.00	29.82 -0.03 0.00	28.85 -0.09 0.00	28.80 0.00 0.00	31.77 0.00 -0.52	40.99 -0.16 -1.92	38.49 -0.23 -0.01	32.80 -0.23 0.00	31.07 0.00 0.00	32.18 0.10 0.00	33.70 0.10 0.00	35.61 -0.14 0.00	37.31 -0.23 0.00	41.82 -0.21 -0.53	43.16 -0.04 -0.49	50.18 0.10 -0.47	61.39 0.36 -0.33	68.33 0.54 -0.32	74.26 0.22 -0.52	66.21 0.13 -0.22	56.64 0.34 -0.46	47.23 0.09 -0.68	38.80 -0.23 -0.31
GOUDEY___8 23580	38.76 -0.12 0.00	32.79 -0.03 0.00	29.82 -0.03 0.00	28.85 -0.09 0.00	28.80 0.00 0.00	31.77 0.00 -0.52	40.99 -0.16 -1.92	38.49 -0.23 -0.01	32.80 -0.23 0.00	31.07 0.00 0.00	32.18 0.10 0.00	33.70 0.10 0.00	35.61 -0.14 0.00	37.31 -0.23 0.00	41.82 -0.21 -0.53	43.16 -0.04 -0.49	50.18 0.10 -0.47	61.39 0.36 -0.33	68.33 0.54 -0.32	74.26 0.22 -0.52	66.21 0.13 -0.22	56.64 0.34 -0.46	47.23 0.09 -0.68	38.80 -0.23 -0.31
GOWANUS_GT1_1 24077	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GOWANUS_GT1_2 24078	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GOWANUS_GT1_3 24079	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GOWANUS_GT1_4 24080	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GOWANUS_GT1_5 24084	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GOWANUS_GT1_6 24111	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GOWANUS_GT1_7 24112	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GOWANUS_GT1_8 24113	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GOWANUS_GT2_1 24114	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
GOWANUS_GT2_2 24115	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
GOWANUS_GT2_3 24116	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
GOWANUS_GT2_4 24117	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00

GOWANUS_GT2_5 24118	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
GOWANUS_GT2_6 24119	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
GOWANUS_GT2_7 24120	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
GOWANUS_GT2_8 24121	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
GOWANUS_GT3_1 24122	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
GOWANUS_GT3_2 24123	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
GOWANUS_GT3_3 24124	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
GOWANUS_GT3_4 24125	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
GOWANUS_GT3_5 24126	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
GOWANUS_GT3_6 24127	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
GOWANUS_GT3_7 24128	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
GOWANUS_GT3_8 24129	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
GOWANUS_GT4_1 24130	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GOWANUS_GT4_2 24131	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GOWANUS_GT4_3 24132	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00

GOWANUS_GT4_4 24133	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GOWANUS_GT4_5 24134	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GOWANUS_GT4_6 24135	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GOWANUS_GT4_7 24136	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GOWANUS_GT4_8 24137	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GREENBSH_115KV_TB3 55895	39.73 0.86 0.00	33.71 0.89 0.00	30.74 0.90 0.00	29.80 0.87 0.00	29.63 0.83 0.00	31.99 0.75 0.00	39.97 0.75 0.00	39.49 0.77 0.00	33.36 0.33 0.00	31.53 0.47 0.00	32.47 0.38 0.00	33.96 0.37 0.00	35.93 0.18 0.00	37.91 0.38 0.00	41.91 0.41 0.00	43.10 0.38 0.00	50.15 0.55 0.00	61.30 0.61 0.00	68.14 0.67 0.00	74.18 0.66 0.00	66.52 0.66 0.00	56.52 0.67 0.00	47.06 0.60 0.00	39.27 0.54 0.00
GREENDGE_115KV_TB5 80291	38.88 -0.04 -0.04	32.92 0.10 0.00	29.89 0.00 -0.04	28.89 -0.09 -0.04	28.92 0.09 -0.04	36.69 0.28 -5.16	58.35 0.16 -18.97	45.57 0.04 -6.82	32.76 -0.26 0.00	30.97 -0.09 0.00	32.15 0.06 0.00	33.80 0.20 0.00	35.61 -0.14 0.00	37.34 -0.19 0.00	42.03 -0.12 -0.66	43.42 0.04 -0.67	51.60 0.45 -1.55	64.29 1.34 -2.27	71.73 2.09 -2.17	76.79 1.91 -1.36	69.59 1.78 -1.95	62.68 1.73 -5.10	52.70 0.88 -5.36	39.24 0.15 -0.36
GREENIDGE___3 23582	38.88 -0.04 -0.04	32.92 0.10 0.00	29.89 0.00 -0.04	28.89 -0.09 -0.04	28.92 0.09 -0.04	36.69 0.28 -5.16	58.35 0.16 -18.97	45.57 0.04 -6.82	32.76 -0.26 0.00	30.97 -0.09 0.00	32.15 0.06 0.00	33.80 0.20 0.00	35.61 -0.14 0.00	37.34 -0.19 0.00	42.03 -0.12 -0.66	43.42 0.04 -0.67	51.60 0.45 -1.55	64.29 1.34 -2.27	71.73 2.09 -2.17	76.79 1.91 -1.36	69.59 1.78 -1.95	62.68 1.73 -5.10	52.70 0.88 -5.36	39.24 0.15 -0.36
GREENIDGE___4 23583	38.88 -0.04 -0.04	32.92 0.10 0.00	29.89 0.00 -0.04	28.89 -0.09 -0.04	28.92 0.09 -0.04	36.69 0.28 -5.16	58.35 0.16 -18.97	45.57 0.04 -6.82	32.76 -0.27 0.00	31.00 -0.06 0.00	32.15 0.06 0.00	33.80 0.20 0.00	35.65 -0.11 0.00	37.35 -0.19 0.00	42.04 -0.12 -0.66	43.43 0.04 -0.67	51.66 0.50 -1.56	64.38 1.40 -2.30	71.76 2.09 -2.20	76.69 1.91 -1.26	69.36 1.78 -1.72	62.08 1.73 -4.50	52.19 0.98 -4.76	39.24 0.16 -0.36
GREENLWN_69_KV_BK 3 55738	39.37 3.07 2.57	33.88 2.23 1.18	31.82 1.97 0.00	30.70 1.76 0.00	30.55 1.76 0.00	32.96 1.72 0.00	41.30 2.08 0.00	41.07 2.75 0.40	33.85 2.54 1.72	31.75 2.86 2.18	34.28 3.21 1.01	35.40 3.19 1.39	37.45 3.00 1.31	39.07 3.45 1.92	43.78 3.86 1.57	45.39 4.10 1.42	49.41 3.47 3.67	60.00 3.64 4.33	66.96 3.10 3.60	74.37 2.28 1.43	64.96 1.25 2.15	53.79 1.06 3.12	47.91 2.69 1.25	38.18 2.13 2.67
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00
GRISSOM___SOLAR 323813	40.78 1.90 0.00	34.43 1.61 0.00	31.31 1.46 0.00	30.38 1.45 0.00	30.26 1.47 0.00	32.77 1.53 0.00	40.80 1.57 0.00	39.53 0.81 0.00	33.19 0.17 0.00	31.16 0.09 0.00	31.99 -0.10 0.00	33.56 -0.03 0.00	35.51 -0.25 0.00	37.49 -0.04 0.00	41.58 0.08 0.00	42.75 0.04 0.00	49.91 0.30 0.00	61.60 0.91 0.00	69.42 1.96 0.00	76.83 3.31 0.00	69.35 3.49 0.00	58.86 3.01 0.00	48.78 2.32 0.00	40.58 1.86 0.00
GROVEVILLE___HYD 323602	41.17 2.29 0.00	34.70 1.87 0.00	31.58 1.73 0.00	30.58 1.65 0.00	30.38 1.58 0.00	32.81 1.56 0.00	40.99 1.77 0.00	40.77 2.05 0.00	34.98 1.95 0.00	33.15 2.08 0.00	34.29 2.21 0.00	35.85 2.25 0.00	37.79 2.04 0.00	39.97 2.44 0.00	44.36 2.86 0.00	45.79 3.08 0.00	53.28 3.67 0.00	65.00 4.31 0.00	71.98 4.52 0.00	77.71 4.19 0.00	69.22 3.36 0.00	58.70 2.85 0.00	48.78 2.32 0.00	40.47 1.74 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.41 -0.47 0.00	32.53 -0.30 0.00	29.55 -0.30 0.00	28.61 -0.32 0.00	28.50 -0.29 0.00	30.90 -0.34 0.00	38.68 -0.55 0.00	38.18 -0.54 0.00	32.56 -0.46 0.00	31.05 -0.31 -0.29	31.86 -0.22 0.00	33.59 -0.20 -0.20	35.43 -0.43 -0.11	36.89 -0.64 0.00	42.10 -0.66 -1.27	43.34 -0.60 -1.23	50.28 -0.69 -1.37	61.49 -0.55 -1.34	68.17 -0.54 -1.25	75.10 -0.37 -1.95	66.63 -0.33 -1.10	56.19 -0.39 -0.73	46.84 -0.51 -0.89	39.05 -0.46 -0.80
HAMLTNNY_34_KV_TB 80303	38.37 -0.51 0.00	32.50 -0.33 0.00	29.49 -0.36 0.00	28.56 -0.38 0.00	28.45 -0.35 0.00	30.84 -0.41 0.00	38.60 -0.63 0.00	38.06 -0.66 0.00	32.53 -0.50 0.00	30.98 -0.34 -0.26	31.86 -0.22 0.00	33.60 -0.17 -0.18	35.42 -0.43 -0.10	36.89 -0.64 0.00	42.06 -0.71 -1.27	43.34 -0.60 -1.23	50.23 -0.74 -1.37	61.55 -0.49 -1.34	68.24 -0.47 -1.25	75.24 -0.22 -1.95	66.76 -0.20 -1.10	56.25 -0.34 -0.73	46.84 -0.51 -0.89	39.09 -0.43 -0.80

HAMPSHIRE___PAPER_HYD 323593	39.18 0.31 0.00	33.12 0.29 0.00	30.00 0.15 0.00	29.11 0.17 0.00	29.00 0.20 0.00	31.59 0.34 0.00	39.70 0.47 0.00	39.18 0.35 -0.12	33.13 0.10 0.00	38.99 -0.09 -8.02	31.86 -0.22 0.00	38.97 -0.13 -5.51	38.77 0.07 -2.95	37.53 0.00 0.00	41.79 -0.08 -0.37	42.77 -0.30 -0.36	49.51 -0.50 -0.40	60.60 -0.49 -0.39	68.10 0.27 -0.37	75.26 1.17 -0.57	67.63 1.45 -0.32	57.40 1.34 -0.21	47.83 1.11 -0.26	39.69 0.73 -0.23
HARDSCRABBLE_WT_PWR 323673	39.22 0.35 0.00	33.15 0.33 0.00	30.15 0.30 0.00	29.19 0.26 0.00	29.05 0.26 0.00	31.46 0.22 0.00	39.42 0.20 0.00	38.92 0.19 0.00	33.16 0.13 0.00	31.60 0.22 -0.32	32.31 0.23 0.00	34.05 0.24 -0.22	36.01 0.14 -0.12	37.68 0.15 0.00	41.66 0.17 0.00	42.93 0.21 0.00	49.76 0.15 0.00	60.99 0.30 0.00	67.94 0.48 0.00	74.04 0.52 0.00	66.32 0.46 0.00	56.19 0.34 0.00	46.74 0.28 0.00	38.96 0.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.94 2.06 0.00	34.50 1.67 0.00	31.40 1.55 0.00	30.38 1.45 0.00	30.17 1.38 0.00	32.62 1.37 0.00	40.83 1.61 0.00	40.61 1.90 0.00	34.91 1.88 0.00	33.15 2.08 0.00	34.29 2.21 0.00	35.85 2.25 0.00	37.79 2.04 0.00	39.97 2.44 0.00	44.36 2.86 0.00	45.79 3.08 0.00	53.18 3.57 0.00	64.88 4.19 0.00	71.78 4.32 0.00	77.49 3.97 0.00	69.02 3.16 0.00	58.47 2.62 0.00	48.60 2.14 0.00	40.31 1.59 0.00
HARSNRAD_115KV_TB1 81005	34.31 -4.55 0.02	29.08 -3.74 0.00	26.36 -3.46 0.02	25.53 -3.39 0.02	25.40 -3.37 0.02	25.31 -3.56 2.37	26.10 -4.43 8.69	31.70 -4.88 2.14	29.29 -3.73 0.00	28.46 -2.61 0.00	29.67 -2.41 0.00	31.04 -2.55 0.00	32.29 -3.47 0.00	33.74 -3.79 0.00	37.22 -4.27 0.00	38.50 -4.01 0.20	43.13 -4.81 1.67	52.28 -5.10 3.31	59.07 -5.33 3.06	64.90 -6.25 2.37	56.71 -5.99 3.15	46.04 -5.47 4.33	37.98 -4.97 3.51	34.52 -4.10 0.10
HARZA MOOSE___RIVER 24016	39.57 0.70 0.00	33.48 0.66 0.00	30.38 0.54 0.00	29.45 0.52 0.00	29.34 0.55 0.00	31.87 0.62 0.00	40.01 0.78 0.00	39.29 0.54 -0.03	33.29 0.26 0.00	33.54 0.22 -2.26	32.24 0.16 0.00	35.35 0.20 -1.55	36.80 0.21 -0.83	37.68 0.15 0.00	41.99 0.17 -0.33	43.20 0.17 -0.32	50.16 0.20 -0.35	61.58 0.55 -0.35	69.20 1.42 -0.32	76.23 2.21 -0.50	68.38 2.24 -0.28	57.94 1.90 -0.19	48.08 1.39 -0.23	39.94 1.01 -0.21
HDSNBRDG_115KV_BRDG_TB1 355580	38.14 -0.74 0.00	32.30 -0.53 0.00	29.34 -0.51 0.00	28.41 -0.52 0.00	28.30 -0.49 0.00	30.68 -0.56 0.00	38.44 -0.78 0.00	37.91 -0.81 0.00	32.40 -0.63 0.00	30.93 -0.47 -0.33	31.70 -0.38 0.00	33.45 -0.37 -0.23	35.27 -0.61 -0.12	36.71 -0.83 0.00	41.27 -0.91 -0.69	42.50 -0.81 -0.60	48.90 -0.99 -0.29	59.58 -0.91 0.20	66.28 -1.01 0.17	72.83 -0.96 -0.26	64.69 -0.86 0.31	54.64 -0.84 0.37	45.61 -0.88 -0.04	38.38 -0.74 -0.39
HELLGATE_13_KV_LD 55870	41.80 2.92 -0.01	35.16 2.33 -0.01	32.03 2.18 -0.01	30.99 2.05 -0.01	30.82 2.02 -0.01	33.24 2.00 0.00	41.22 2.00 0.00	41.19 2.48 0.00	35.64 2.61 0.00	34.02 2.95 0.00	35.19 3.11 0.00	36.72 3.12 0.00	38.69 2.93 0.00	40.91 3.38 0.00	45.40 3.90 -0.01	46.86 4.14 -0.01	54.38 4.76 -0.02	65.67 4.98 0.00	72.39 4.92 0.00	77.78 4.26 0.00	69.15 3.29 0.00	58.75 2.90 0.00	49.02 2.56 0.00	40.78 2.05 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.80 2.92 -0.01	35.16 2.33 -0.01	32.03 2.18 -0.01	30.99 2.05 -0.01	30.82 2.02 -0.01	33.24 2.00 0.00	41.22 2.00 0.00	41.19 2.48 0.00	35.64 2.61 0.00	34.02 2.95 0.00	35.19 3.11 0.00	36.72 3.12 0.00	38.69 2.93 0.00	40.91 3.38 0.00	45.40 3.90 -0.01	46.86 4.14 -0.01	54.38 4.76 -0.02	65.67 4.98 0.00	72.39 4.92 0.00	77.78 4.26 0.00	69.15 3.29 0.00	58.75 2.90 0.00	49.02 2.56 0.00	40.78 2.05 0.00
HEMPSTEAD___ 23647	41.91 3.03 0.00	34.99 2.17 0.00	31.76 1.91 0.00	30.70 1.77 0.00	30.55 1.76 0.00	32.96 1.72 0.00	41.26 2.04 0.00	41.35 2.63 0.00	35.51 2.48 0.00	33.83 2.76 0.00	35.17 3.08 -0.01	36.73 3.12 -0.01	38.65 2.89 0.00	40.92 3.38 -0.01	45.88 3.78 -0.61	47.71 3.97 -1.02	53.62 4.02 0.00	65.13 4.43 -0.01	71.25 3.78 -0.01	76.84 3.31 -0.01	68.02 2.17 0.00	57.80 1.95 0.00	48.97 2.51 0.00	40.81 2.09 0.00
HICKLING___1 23621	38.23 -0.66 -0.02	32.40 -0.43 0.00	29.39 -0.48 -0.02	28.43 -0.52 -0.02	28.47 -0.35 -0.02	33.33 -0.19 -2.27	47.16 -0.43 -8.37	39.10 -0.81 -1.20	32.14 -0.89 0.00	30.63 -0.43 0.00	31.82 -0.26 0.00	33.43 -0.17 0.00	35.15 -0.61 0.00	36.86 -0.68 0.00	41.25 -0.71 -0.46	42.76 -0.38 -0.43	50.14 -0.05 -0.58	61.95 0.67 -0.59	69.14 1.08 -0.60	74.33 0.44 -0.37	66.69 0.40 -0.43	58.43 0.73 -1.86	48.80 0.14 -2.20	38.35 -0.62 -0.24
HICKLING___2 23622	38.23 -0.66 -0.02	32.40 -0.43 0.00	29.39 -0.48 -0.02	28.43 -0.52 -0.02	28.47 -0.35 -0.02	33.33 -0.19 -2.27	47.16 -0.43 -8.37	39.10 -0.81 -1.20	32.14 -0.89 0.00	30.63 -0.43 0.00	31.82 -0.26 0.00	33.43 -0.17 0.00	35.15 -0.61 0.00	36.86 -0.68 0.00	41.25 -0.71 -0.46	42.76 -0.38 -0.43	50.14 -0.05 -0.58	61.95 0.67 -0.59	69.14 1.08 -0.60	74.33 0.44 -0.37	66.69 0.40 -0.43	58.43 0.73 -1.86	48.80 0.14 -2.20	38.35 -0.62 -0.24
HIGH FALLS___HY 23754	41.21 2.33 0.00	34.66 1.84 0.00	31.55 1.70 0.00	30.52 1.59 0.00	30.29 1.50 0.00	32.74 1.50 0.00	40.87 1.65 0.00	40.69 1.97 0.00	35.01 1.98 0.00	33.18 2.11 0.00	34.36 2.28 0.00	35.91 2.32 0.00	37.86 2.11 0.00	40.05 2.51 0.00	44.44 2.95 0.00	45.92 3.20 0.00	53.43 3.82 0.00	65.24 4.55 0.00	72.32 4.86 0.00	78.08 4.56 0.00	69.48 3.62 0.00	58.87 3.02 0.00	48.83 2.37 0.00	40.43 1.70 0.00
HIGH_RIVER___SOLAR 323847	40.35 1.48 0.00	34.07 1.25 0.00	30.98 1.13 0.00	30.06 1.13 0.00	29.91 1.12 0.00	32.37 1.12 0.00	40.40 1.18 0.00	39.22 0.50 0.00	33.09 0.07 0.00	31.13 0.06 0.00	32.02 -0.06 0.00	33.53 -0.07 0.00	35.51 -0.25 0.00	37.46 -0.07 0.00	41.45 -0.04 0.00	42.58 -0.13 0.00	49.76 0.15 0.00	61.36 0.67 0.00	68.88 1.42 0.00	75.72 2.20 0.00	68.16 2.30 0.00	57.86 2.01 0.00	48.04 1.58 0.00	40.08 1.35 0.00
HILLBURN___GT 23639	41.01 2.14 0.00	34.53 1.71 0.00	31.43 1.58 0.00	30.41 1.47 0.00	30.23 1.44 0.00	32.65 1.41 0.00	40.80 1.57 0.00	40.65 1.94 0.00	34.98 1.95 0.00	33.30 2.24 0.00	34.45 2.37 0.00	36.02 2.42 0.00	37.94 2.18 0.00	40.16 2.63 0.00	44.49 2.99 0.00	45.87 3.16 0.00	53.23 3.62 0.00	64.63 3.94 0.00	71.31 3.84 0.00	77.12 3.60 0.00	68.56 2.70 0.00	58.14 2.29 0.00	48.46 2.00 0.00	40.27 1.55 0.00
HILLSIDE_115KV_TB1 80332	37.96 -0.93 -0.02	32.17 -0.66 0.00	29.21 -0.66 -0.02	28.25 -0.69 -0.02	28.29 -0.52 -0.02	32.79 -0.44 -1.98	45.81 -0.71 -7.29	38.74 -1.01 -1.03	32.04 -0.99 0.00	30.54 -0.53 0.00	31.70 -0.38 0.00	33.23 -0.37 0.00	34.97 -0.79 0.00	36.67 -0.86 0.00	41.06 -0.91 -0.48	42.48 -0.68 -0.45	49.79 -0.40 -0.58	61.32 0.06 -0.57	68.37 0.34 -0.57	73.50 -0.44 -0.42	65.82 -0.46 -0.42	57.60 0.11 -1.64	48.14 -0.28 -1.96	38.06 -0.93 -0.26

HISHELDN_WT_PWR 323625	35.48 -3.34 0.06	30.13 -2.69 0.00	27.22 -2.57 0.06	26.33 -2.55 0.06	26.32 -2.42 0.06	21.97 -2.50 6.77	11.20 -3.18 24.85	28.49 -3.68 6.55	30.09 -2.94 0.00	29.05 -2.02 0.00	30.25 -1.83 0.00	31.68 -1.91 0.00	33.11 -2.65 0.00	34.64 -2.89 0.00	38.30 -3.19 0.00	39.49 -2.95 0.28	43.79 -3.22 2.59	52.60 -3.03 5.06	59.76 -2.97 4.73	65.99 -4.49 3.04	56.76 -4.35 4.75	43.77 -3.35 8.73	35.32 -3.21 7.93	35.23 -3.41 0.09
HOLTSVILLE_IC_1 23690	54.61 3.54 -12.20	40.99 2.56 -5.60	32.06 2.21 0.00	30.96 2.02 0.00	30.81 2.01 0.00	33.24 2.00 0.00	41.70 2.47 0.00	43.74 3.13 -1.89	44.03 2.87 -8.14	44.57 3.17 -10.33	40.35 3.50 -4.78	43.67 3.49 -6.59	45.25 3.29 -6.21	50.42 3.79 -9.10	56.63 4.19 -10.94	59.74 4.44 -12.59	70.96 3.97 -17.38	85.45 4.25 -20.52	88.16 3.64 -17.06	83.35 3.09 -6.74	77.97 1.97 -10.14	72.28 1.67 -14.76	55.35 2.98 -5.91	53.94 2.56 -12.66
HOLTSVILLE_IC_10 23699	55.82 3.77 -13.18	41.60 2.72 -6.05	32.20 2.36 0.00	31.10 2.17 0.00	30.95 2.16 0.00	33.40 2.15 0.00	41.89 2.67 0.00	44.09 3.33 -2.04	44.85 3.04 -8.79	45.55 3.33 -11.16	40.93 3.69 -5.16	44.40 3.70 -7.11	45.97 3.51 -6.71	51.38 4.02 -9.83	57.75 4.48 -11.77	60.97 4.74 -13.51	72.69 4.31 -18.77	87.53 4.67 -22.16	90.00 4.12 -18.42	84.41 3.60 -7.28	79.18 2.37 -10.96	73.86 2.07 -15.94	56.10 3.25 -6.38	55.15 2.75 -13.67
HOLTSVILLE_IC_2 23691	54.61 3.54 -12.20	40.99 2.56 -5.60	32.06 2.21 0.00	30.96 2.02 0.00	30.81 2.01 0.00	33.24 2.00 0.00	41.70 2.47 0.00	43.74 3.13 -1.89	44.03 2.87 -8.14	44.57 3.17 -10.33	40.35 3.50 -4.78	43.67 3.49 -6.59	45.25 3.29 -6.21	50.42 3.79 -9.10	56.63 4.19 -10.94	59.74 4.44 -12.59	70.96 3.97 -17.38	85.45 4.25 -20.52	88.16 3.64 -17.06	83.35 3.09 -6.74	77.97 1.97 -10.14	72.28 1.67 -14.76	55.35 2.98 -5.91	53.94 2.56 -12.66
HOLTSVILLE_IC_3 23692	54.61 3.54 -12.20	40.99 2.56 -5.60	32.06 2.21 0.00	30.96 2.02 0.00	30.81 2.01 0.00	33.24 2.00 0.00	41.70 2.47 0.00	43.74 3.13 -1.89	44.03 2.87 -8.14	44.57 3.17 -10.33	40.35 3.50 -4.78	43.67 3.49 -6.59	45.25 3.29 -6.21	50.42 3.79 -9.10	56.63 4.19 -10.94	59.74 4.44 -12.59	70.96 3.97 -17.38	85.45 4.25 -20.52	88.16 3.64 -17.06	83.35 3.09 -6.74	77.97 1.97 -10.14	72.28 1.67 -14.76	55.35 2.98 -5.91	53.94 2.56 -12.66
HOLTSVILLE_IC_4 23693	54.61 3.54 -12.20	40.99 2.56 -5.60	32.06 2.21 0.00	30.96 2.02 0.00	30.81 2.01 0.00	33.24 2.00 0.00	41.70 2.47 0.00	43.74 3.13 -1.89	44.03 2.87 -8.14	44.57 3.17 -10.33	40.35 3.50 -4.78	43.67 3.49 -6.59	45.25 3.29 -6.21	50.42 3.79 -9.10	56.63 4.19 -10.94	59.74 4.44 -12.59	70.96 3.97 -17.38	85.45 4.25 -20.52	88.16 3.64 -17.06	83.35 3.09 -6.74	77.97 1.97 -10.14	72.28 1.67 -14.76	55.35 2.98 -5.91	53.94 2.56 -12.66
HOLTSVILLE_IC_5 23694	54.61 3.54 -12.20	40.99 2.56 -5.60	32.06 2.21 0.00	30.96 2.02 0.00	30.81 2.01 0.00	33.24 2.00 0.00	41.70 2.47 0.00	43.74 3.13 -1.89	44.03 2.87 -8.14	44.57 3.17 -10.33	40.35 3.50 -4.78	43.67 3.49 -6.59	45.25 3.29 -6.21	50.42 3.79 -9.10	56.63 4.19 -10.94	59.74 4.44 -12.59	70.96 3.97 -17.38	85.45 4.25 -20.52	88.16 3.64 -17.06	83.35 3.09 -6.74	77.97 1.97 -10.14	72.28 1.67 -14.76	55.35 2.98 -5.91	53.94 2.56 -12.66
HOLTSVILLE_IC_6 23695	55.82 3.77 -13.18	41.60 2.72 -6.05	32.20 2.36 0.00	31.10 2.17 0.00	30.95 2.16 0.00	33.40 2.15 0.00	41.89 2.67 0.00	44.09 3.33 -2.04	44.85 3.04 -8.79	45.55 3.33 -11.16	40.93 3.69 -5.16	44.40 3.70 -7.11	45.97 3.51 -6.71	51.38 4.02 -9.83	57.75 4.48 -11.77	60.97 4.74 -13.51	72.69 4.31 -18.77	87.53 4.67 -22.16	90.00 4.12 -18.42	84.41 3.60 -7.28	79.18 2.37 -10.96	73.86 2.07 -15.94	56.10 3.25 -6.38	55.15 2.75 -13.67
HOLTSVILLE_IC_7 23696	55.82 3.77 -13.18	41.60 2.72 -6.05	32.20 2.36 0.00	31.10 2.17 0.00	30.95 2.16 0.00	33.40 2.15 0.00	41.89 2.67 0.00	44.09 3.33 -2.04	44.85 3.04 -8.79	45.55 3.33 -11.16	40.93 3.69 -5.16	44.40 3.70 -7.11	45.97 3.51 -6.71	51.38 4.02 -9.83	57.75 4.48 -11.77	60.97 4.74 -13.51	72.69 4.31 -18.77	87.53 4.67 -22.16	90.00 4.12 -18.42	84.41 3.60 -7.28	79.18 2.37 -10.96	73.86 2.07 -15.94	56.10 3.25 -6.38	55.15 2.75 -13.67
HOLTSVILLE_IC_8 23697	55.82 3.77 -13.18	41.60 2.72 -6.05	32.20 2.36 0.00	31.10 2.17 0.00	30.95 2.16 0.00	33.40 2.15 0.00	41.89 2.67 0.00	44.09 3.33 -2.04	44.85 3.04 -8.79	45.55 3.33 -11.16	40.93 3.69 -5.16	44.40 3.70 -7.11	45.97 3.51 -6.71	51.38 4.02 -9.83	57.75 4.48 -11.77	60.97 4.74 -13.51	72.69 4.31 -18.77	87.53 4.67 -22.16	90.00 4.12 -18.42	84.41 3.60 -7.28	79.18 2.37 -10.96	73.86 2.07 -15.94	56.10 3.25 -6.38	55.15 2.75 -13.67
HOLTSVILLE_IC_9 23698	55.82 3.77 -13.18	41.60 2.72 -6.05	32.20 2.36 0.00	31.10 2.17 0.00	30.95 2.16 0.00	33.40 2.15 0.00	41.89 2.67 0.00	44.09 3.33 -2.04	44.85 3.04 -8.79	45.55 3.33 -11.16	40.93 3.69 -5.16	44.40 3.70 -7.11	45.97 3.51 -6.71	51.38 4.02 -9.83	57.75 4.48 -11.77	60.97 4.74 -13.51	72.69 4.31 -18.77	87.53 4.67 -22.16	90.00 4.12 -18.42	84.41 3.60 -7.28	79.18 2.37 -10.96	73.86 2.07 -15.94	56.10 3.25 -6.38	55.15 2.75 -13.67
HOMER_HL_115KV_TB2 355744	35.51 -3.34 0.02	30.04 -2.79 0.00	27.26 -2.57 0.02	26.39 -2.52 0.02	26.76 -2.02 0.02	27.16 -1.50 2.58	27.90 -1.88 9.44	34.06 -2.21 2.45	30.35 -2.68 0.00	29.51 -1.55 0.00	30.70 -1.38 0.00	32.12 -1.48 0.00	33.50 -2.25 0.00	35.09 -2.44 0.00	38.84 -2.66 0.00	40.05 -2.48 0.18	46.93 -1.14 1.54	56.41 -1.21 3.06	63.89 -0.74 2.83	65.30 -6.10 2.12	56.95 -5.99 2.92	49.97 -1.62 4.26	41.22 -1.67 3.57	33.88 -4.76 0.08
HOWARD_WT_PWR 323690	37.40 -1.56 -0.09	31.68 -1.15 0.00	28.80 -1.13 -0.09	27.83 -1.19 -0.09	27.90 -0.98 -0.09	40.97 -0.84 -10.56	76.82 -1.22 -38.82	57.34 -1.74 -20.37	31.31 -1.72 0.00	29.92 -1.15 0.00	31.15 -0.93 0.00	32.72 -0.87 0.00	34.32 -1.43 0.00	35.99 -1.54 0.00	40.13 -1.62 -0.26	41.96 -1.28 -0.53	50.93 -1.09 -2.41	64.52 -0.30 -4.13	71.71 0.27 -3.98	74.10 -0.66 -1.24	67.74 -0.66 -2.55	63.26 -0.17 -7.58	53.65 -0.70 -7.88	37.36 -1.55 -0.19
HQ_GEN_CEDARS 23644	38.91 0.04 0.00	32.76 -0.07 0.00	29.73 -0.12 0.00	28.87 -0.06 0.00	28.71 -0.09 0.00	31.34 0.09 0.00	39.46 0.24 0.00	39.35 0.39 -0.25	33.32 0.30 0.00	47.68 0.03 -16.58	31.98 -0.10 0.00	44.98 0.00 -11.39	42.24 0.39 -6.10	37.94 0.41 0.00	41.83 0.33 0.00	42.88 0.17 0.00	49.71 0.10 0.00	60.51 -0.18 0.00	67.40 -0.07 0.00	73.81 0.29 0.00	66.32 0.46 0.00	56.35 0.50 0.00	47.02 0.56 0.00	39.19 0.46 0.00
HQ_GEN_CEDARS_PROXY 323590	38.91 0.04 0.00	32.76 -0.07 0.00	29.73 -0.12 0.00	28.87 -0.06 0.00	28.71 -0.09 0.00	31.34 0.09 0.00	39.46 0.24 0.00	39.35 0.39 -0.25	33.32 0.30 0.00	47.68 0.03 -16.58	31.99 -0.10 0.00	44.98 0.00 -11.39	42.25 0.39 -6.10	37.95 0.41 0.00	41.83 0.33 0.00	42.88 0.17 0.00	49.66 0.05 0.00	60.51 -0.18 0.00	67.40 -0.07 0.00	73.89 0.37 0.00	66.32 0.46 0.00	56.35 0.50 0.00	47.02 0.56 0.00	39.11 0.39 0.00

HQ_GEN_CHPE_PROXY 323851	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.37 2.35 0.00	33.74 2.67 0.00	34.90 2.82 0.00	36.42 2.82 0.00	38.36 2.61 0.00	40.57 3.04 0.00	44.98 3.49 0.00	46.43 3.71 0.00	53.89 4.27 -0.02	65.24 4.55 0.00	71.79 4.32 0.00	77.56 4.04 0.00	68.89 3.03 0.00	58.48 2.63 0.00	48.74 2.28 0.00	40.51 1.78 0.00
HQ_GEN_IMPORT 323601	38.76 -0.12 0.00	32.66 -0.16 0.00	29.67 -0.18 0.00	28.79 -0.14 0.00	28.65 -0.14 0.00	31.21 -0.03 0.00	39.38 0.16 0.00	38.83 0.12 0.01	33.13 0.10 0.00	30.49 -0.12 0.45	31.92 -0.16 0.00	46.80 -0.13 -13.34	79.97 0.14 -44.07	37.72 0.19 0.00	41.66 0.17 0.00	42.84 0.13 0.00	49.76 0.15 0.00	60.81 0.12 0.00	67.60 0.14 0.00	73.74 0.22 0.00	66.12 0.26 0.00	56.07 0.22 0.00	46.69 0.23 0.00	38.88 0.16 0.00
HQ_GEN_WHEEL 23651	38.76 -0.12 0.00	32.66 -0.16 0.00	29.67 -0.18 0.00	28.79 -0.14 0.00	28.65 -0.14 0.00	31.21 -0.03 0.00	39.38 0.16 0.00	38.83 0.12 0.01	33.13 0.10 0.00	30.49 -0.12 0.45	31.92 -0.16 0.00	46.80 -0.13 -13.34	79.97 0.14 -44.07	37.72 0.19 0.00	41.66 0.17 0.00	42.84 0.13 0.00	49.76 0.15 0.00	60.81 0.12 0.00	67.60 0.14 0.00	73.74 0.22 0.00	66.12 0.26 0.00	56.07 0.22 0.00	46.69 0.23 0.00	38.88 0.16 0.00
HUDSON_AVE_GT_3 23810	41.52 2.64 0.00	34.93 2.10 0.00	31.79 1.94 0.00	30.75 1.82 0.00	30.58 1.79 0.00	33.02 1.78 0.00	41.15 1.92 0.00	41.08 2.36 0.00	35.50 2.48 0.00	33.83 2.76 0.00	35.00 2.92 0.00	36.52 2.92 0.00	38.47 2.72 0.00	40.68 3.15 0.00	45.11 3.61 0.00	46.56 3.84 0.00	54.09 4.46 -0.01	65.54 4.86 0.00	72.25 4.79 0.00	77.78 4.26 0.00	69.15 3.29 0.00	58.64 2.79 0.00	48.92 2.46 0.00	40.54 1.82 0.00
HUDSON_AVE_GT_4 23540	41.52 2.64 0.00	34.93 2.10 0.00	31.79 1.94 0.00	30.75 1.82 0.00	30.58 1.79 0.00	33.02 1.78 0.00	41.15 1.92 0.00	41.08 2.36 0.00	35.50 2.48 0.00	33.83 2.76 0.00	35.00 2.92 0.00	36.52 2.92 0.00	38.47 2.72 0.00	40.68 3.15 0.00	45.11 3.61 0.00	46.56 3.84 0.00	54.09 4.46 -0.01	65.54 4.86 0.00	72.25 4.79 0.00	77.78 4.26 0.00	69.15 3.29 0.00	58.64 2.79 0.00	48.92 2.46 0.00	40.54 1.82 0.00
HUDSON_AVE_GT_5 23657	41.52 2.64 0.00	34.93 2.10 0.00	31.79 1.94 0.00	30.75 1.82 0.00	30.58 1.79 0.00	33.02 1.78 0.00	41.15 1.92 0.00	41.08 2.36 0.00	35.50 2.48 0.00	33.83 2.76 0.00	35.00 2.92 0.00	36.52 2.92 0.00	38.47 2.72 0.00	40.68 3.15 0.00	45.11 3.61 0.00	46.56 3.84 0.00	54.09 4.46 -0.01	65.54 4.86 0.00	72.25 4.79 0.00	77.78 4.26 0.00	69.15 3.29 0.00	58.64 2.79 0.00	48.92 2.46 0.00	40.54 1.82 0.00
HUDSON_AVE_10 24168	41.44 2.57 0.00	34.86 2.04 0.00	31.73 1.88 0.00	30.67 1.74 0.00	30.49 1.70 0.00	32.93 1.69 0.00	41.07 1.84 0.00	41.04 2.32 0.00	35.44 2.41 0.00	33.80 2.73 0.00	34.90 2.82 0.00	36.42 2.82 0.00	38.36 2.61 0.00	40.57 3.04 0.00	44.98 3.49 0.00	46.47 3.76 0.00	53.99 4.37 -0.01	65.30 4.61 0.00	72.05 4.59 0.00	77.56 4.04 0.00	68.95 3.10 0.00	58.47 2.62 0.00	48.83 2.37 0.00	40.47 1.74 0.00
HUDSON___115KV_TB 4 355613	40.35 1.48 0.00	34.20 1.38 0.00	31.16 1.31 0.00	30.23 1.30 0.00	30.03 1.24 0.00	32.43 1.19 0.00	40.52 1.29 0.00	39.84 1.12 0.00	33.56 0.53 0.00	31.59 0.53 0.00	32.56 0.48 0.00	34.07 0.47 0.00	36.00 0.25 0.00	38.02 0.49 0.00	42.16 0.66 0.00	43.40 0.68 0.00	50.65 1.04 0.00	62.21 1.52 0.00	69.42 1.96 0.00	75.87 2.35 0.00	68.10 2.24 0.00	57.80 1.95 0.00	47.95 1.49 0.00	39.92 1.20 0.00
HUNTER MOUNT___DRP 323613	40.43 1.55 0.00	34.30 1.48 0.00	31.25 1.40 0.00	30.29 1.36 0.00	30.09 1.30 0.00	32.46 1.22 0.00	40.56 1.33 0.00	39.88 1.16 0.00	33.52 0.50 0.00	31.50 0.43 0.00	32.47 0.38 0.00	33.96 0.37 0.00	35.90 0.14 0.00	37.94 0.41 0.00	42.08 0.58 0.00	43.35 0.64 0.00	50.65 1.04 0.00	62.33 1.64 0.00	69.62 2.16 0.00	76.17 2.65 0.00	68.36 2.50 0.00	58.08 2.23 0.00	48.09 1.63 0.00	40.00 1.28 0.00
HUNTINGTON_RES_REC 323705	33.25 3.46 9.08	31.09 2.43 4.17	31.97 2.12 0.00	30.84 1.91 0.00	30.69 1.90 0.00	33.15 1.91 0.00	41.58 2.35 0.00	40.29 2.98 1.41	29.71 2.74 6.05	26.43 3.05 7.69	31.94 3.40 3.54	32.14 3.43 4.89	34.35 3.22 4.62	34.49 3.72 6.76	38.60 4.19 7.09	39.57 4.44 7.59	40.54 3.87 12.93	49.48 4.07 15.27	58.14 3.37 12.70	71.29 2.79 5.03	60.08 1.78 7.56	46.30 1.45 11.00	44.90 2.83 4.40	31.75 2.44 9.42
HUNTLEY___63 23557	34.54 -4.32 0.02	29.35 -3.48 0.00	26.51 -3.31 0.02	25.64 -3.27 0.02	25.58 -3.20 0.02	25.28 -3.41 2.56	25.63 -4.24 9.36	31.69 -4.68 2.34	29.53 -3.50 0.00	28.71 -2.36 0.00	29.93 -2.15 0.00	31.34 -2.25 0.00	32.61 -3.15 0.00	34.12 -3.42 0.00	37.68 -3.82 0.00	38.92 -3.59 0.20	43.65 -4.27 1.69	53.26 -4.07 3.37	59.83 -4.52 3.12	65.55 -5.59 2.38	57.12 -5.53 3.21	46.49 -4.86 4.50	38.40 -4.37 3.69	34.72 -3.91 0.10
HUNTLEY___64 23558	34.54 -4.32 0.02	29.35 -3.48 0.00	26.51 -3.31 0.02	25.64 -3.27 0.02	25.58 -3.20 0.02	25.28 -3.41 2.56	25.63 -4.24 9.36	31.69 -4.68 2.34	29.53 -3.50 0.00	28.71 -2.36 0.00	29.93 -2.15 0.00	31.34 -2.25 0.00	32.61 -3.15 0.00	34.12 -3.42 0.00	37.68 -3.82 0.00	38.92 -3.59 0.20	43.65 -4.27 1.69	53.26 -4.07 3.37	59.83 -4.52 3.12	65.55 -5.59 2.38	57.12 -5.53 3.21	46.49 -4.86 4.50	38.40 -4.37 3.69	34.72 -3.91 0.10
HUNTLEY___65 23559	34.54 -4.32 0.02	29.35 -3.48 0.00	26.51 -3.31 0.02	25.64 -3.27 0.02	25.58 -3.20 0.02	25.28 -3.41 2.56	25.63 -4.24 9.36	31.69 -4.68 2.34	29.53 -3.50 0.00	28.71 -2.36 0.00	29.93 -2.15 0.00	31.34 -2.25 0.00	32.61 -3.15 0.00	34.12 -3.42 0.00	37.68 -3.82 0.00	38.92 -3.59 0.20	43.65 -4.27 1.69	53.26 -4.07 3.37	59.83 -4.52 3.12	65.55 -5.59 2.38	57.12 -5.53 3.21	46.49 -4.86 4.50	38.40 -4.37 3.69	34.72 -3.91 0.10
HUNTLEY___66 23560	34.54 -4.32 0.02	29.35 -3.48 0.00	26.51 -3.31 0.02	25.64 -3.27 0.02	25.58 -3.20 0.02	25.28 -3.41 2.56	25.63 -4.24 9.36	31.69 -4.68 2.34	29.53 -3.50 0.00	28.71 -2.36 0.00	29.93 -2.15 0.00	31.34 -2.25 0.00	32.61 -3.15 0.00	34.12 -3.42 0.00	37.68 -3.82 0.00	38.92 -3.59 0.20	43.65 -4.27 1.69	53.26 -4.07 3.37	59.83 -4.52 3.12	65.55 -5.59 2.38	57.12 -5.53 3.21	46.49 -4.86 4.50	38.40 -4.37 3.69	34.72 -3.91 0.10
HUNTLEY___67 23561	34.61 -4.24 0.02	29.38 -3.45 0.00	26.57 -3.25 0.02	25.73 -3.18 0.02	25.63 -3.14 0.02	25.03 -3.41 2.81	24.72 -4.28 10.23	31.43 -4.68 2.60	29.56 -3.47 0.00	28.74 -2.33 0.00	29.96 -2.12 0.00	31.34 -2.25 0.00	32.61 -3.15 0.00	34.08 -3.45 0.00	37.64 -3.86 0.00	38.87 -3.63 0.21	43.53 -4.32 1.76	52.82 -4.37 3.50	59.44 -4.79 3.23	65.21 -5.88 2.43	56.80 -5.73 3.33	46.04 -5.03 4.78	37.94 -4.55 3.97	34.64 -3.99 0.10



HUNTLEY___68 23562	34.61 -4.24 0.02	29.38 -3.45 0.00	26.57 -3.25 0.02	25.73 -3.18 0.02	25.63 -3.14 0.02	25.03 -3.41 2.81	24.72 -4.28 10.23	31.43 -4.68 2.60	29.56 -3.47 0.00	28.74 -2.33 0.00	29.96 -2.12 0.00	31.34 -2.25 0.00	32.61 -3.15 0.00	34.08 -3.45 0.00	37.64 -3.86 0.00	38.87 -3.63 0.21	43.53 -4.32 1.76	52.82 -4.37 3.50	59.44 -4.79 3.23	65.21 -5.88 2.43	56.80 -5.73 3.33	46.04 -5.03 4.78	37.94 -4.55 3.97	34.64 -3.99 0.10
HYLAND___LFGE 323620	38.29 -0.66 -0.08	32.30 -0.53 0.00	29.29 -0.63 -0.08	28.31 -0.69 -0.08	28.35 -0.52 -0.08	40.03 -0.53 -9.32	72.83 -0.63 -34.23	50.29 -1.47 -13.04	31.61 -1.42 0.00	29.98 -1.09 0.00	30.89 -1.19 0.00	32.35 -1.24 0.00	33.97 -1.79 0.00	35.54 -1.99 0.00	39.50 -1.99 0.00	41.22 -1.58 -0.09	49.33 -1.69 -1.41	62.78 -0.49 -2.58	71.07 1.08 -2.53	75.73 1.91 -0.30	69.63 1.84 -1.93	64.63 1.23 -7.56	54.79 0.33 -8.00	38.53 -0.12 0.08
INDECK___CORINTH 23802	41.25 2.37 0.00	34.80 1.97 0.00	31.64 1.79 0.00	30.70 1.77 0.00	30.55 1.76 0.00	33.09 1.84 0.00	41.42 2.20 0.00	40.57 1.86 0.00	34.18 1.16 0.00	32.22 1.15 0.00	33.11 1.03 0.00	34.74 1.14 0.00	36.68 0.93 0.00	38.84 1.31 0.00	43.07 1.58 0.00	43.05 0.34 0.00	49.91 0.30 0.00	61.36 0.67 0.00	68.28 0.81 0.00	74.84 1.32 0.00	67.24 1.39 0.00	57.02 1.17 0.00	47.62 1.16 0.00	40.74 2.01 0.00
INDECK___ILION 23567	39.15 0.27 0.00	33.09 0.26 0.00	30.09 0.24 0.00	29.16 0.23 0.00	29.02 0.23 0.00	31.43 0.19 0.00	39.42 0.20 0.00	38.88 0.15 0.00	33.13 0.10 0.00	31.57 0.19 -0.32	32.27 0.19 0.00	33.98 0.17 -0.22	35.98 0.11 -0.12	37.64 0.11 0.00	41.62 0.12 0.00	42.84 0.13 0.00	49.76 0.15 0.00	60.93 0.24 0.00	67.80 0.34 0.00	73.96 0.44 0.00	66.25 0.40 0.00	56.13 0.28 0.00	46.69 0.23 0.00	38.92 0.19 0.00
INDECK___OLEAN 23982	35.43 -3.42 0.02	30.04 -2.79 0.00	27.26 -2.57 0.02	26.45 -2.46 0.02	26.70 -2.07 0.02	27.16 -1.50 2.58	27.90 -1.88 9.44	34.06 -2.21 2.45	30.38 -2.64 0.00	29.54 -1.52 0.00	30.70 -1.38 0.00	32.12 -1.48 0.00	33.54 -2.22 0.00	35.09 -2.44 0.00	38.84 -2.66 0.00	40.05 -2.48 0.19	46.88 -1.14 1.58	56.32 -1.21 3.16	63.20 -1.35 2.92	65.68 -6.03 1.81	57.58 -6.06 2.22	51.83 -1.62 2.40	43.12 -1.63 1.71	33.83 -4.80 0.09
INDECK___OSWEGO 23783	37.90 -0.97 0.00	32.10 -0.72 0.00	29.16 -0.69 0.00	28.24 -0.69 0.00	28.13 -0.66 0.00	30.49 -0.75 0.00	38.20 -1.02 0.00	37.68 -1.04 -0.01	32.14 -0.89 0.00	30.86 -0.71 -0.50	31.38 -0.71 0.00	33.23 -0.71 -0.35	34.98 -0.96 -0.19	36.29 -1.24 0.00	43.06 -1.37 -2.94	44.43 -1.32 -3.04	52.17 -1.99 -4.55	64.40 -2.18 -5.89	70.67 -2.22 -5.43	78.13 -2.28 -6.89	69.15 -1.97 -5.27	58.07 -1.79 -4.01	48.61 -1.25 -3.40	39.65 -1.04 -1.97
INDECK___YERKES 23781	34.58 -4.28 0.02	29.35 -3.48 0.00	26.51 -3.31 0.02	25.64 -3.27 0.02	25.57 -3.20 0.02	25.31 -3.37 2.56	25.67 -4.20 9.36	31.73 -4.65 2.34	29.59 -3.44 0.00	28.70 -2.36 0.00	29.93 -2.15 0.00	31.34 -2.25 0.00	32.68 -3.08 0.00	34.15 -3.38 0.00	37.72 -3.78 0.00	38.96 -3.54 0.20	43.69 -4.22 1.70	53.48 -3.82 3.38	60.22 -4.12 3.13	65.67 -5.52 2.33	57.30 -5.47 3.10	46.85 -4.80 4.19	38.80 -4.27 3.38	34.72 -3.91 0.10
INDIAN POINT_GT_1 24139	41.09 2.22 0.00	34.60 1.77 0.00	31.49 1.64 0.00	30.47 1.53 0.00	30.29 1.50 0.00	32.71 1.47 0.00	40.83 1.61 0.00	40.69 1.97 0.00	35.04 2.01 0.00	33.33 2.27 0.00	34.49 2.41 0.00	36.01 2.42 0.00	38.01 2.25 0.00	40.16 2.63 0.00	44.53 3.03 0.00	45.92 3.20 0.00	53.28 3.67 0.00	64.70 4.01 0.00	71.51 4.05 0.00	77.12 3.60 0.00	68.56 2.70 0.00	58.20 2.35 0.00	48.55 2.09 0.00	40.27 1.55 0.00
INDIAN POINT_GT_2 23659	41.09 2.22 0.00	34.60 1.77 0.00	31.49 1.64 0.00	30.47 1.53 0.00	30.29 1.50 0.00	32.71 1.47 0.00	40.83 1.61 0.00	40.69 1.97 0.00	35.04 2.01 0.00	33.33 2.27 0.00	34.49 2.41 0.00	36.01 2.42 0.00	38.01 2.25 0.00	40.16 2.63 0.00	44.53 3.03 0.00	45.92 3.20 0.00	53.28 3.67 0.00	64.70 4.01 0.00	71.51 4.05 0.00	77.12 3.60 0.00	68.56 2.70 0.00	58.20 2.35 0.00	48.55 2.09 0.00	40.27 1.55 0.00
INDIAN POINT_GT_3 24019	41.09 2.22 0.00	34.60 1.77 0.00	31.49 1.64 0.00	30.47 1.53 0.00	30.29 1.50 0.00	32.71 1.47 0.00	40.83 1.61 0.00	40.69 1.97 0.00	35.04 2.01 0.00	33.33 2.27 0.00	34.49 2.41 0.00	36.01 2.42 0.00	38.01 2.25 0.00	40.16 2.63 0.00	44.53 3.03 0.00	45.92 3.20 0.00	53.28 3.67 0.00	64.70 4.01 0.00	71.51 4.05 0.00	77.12 3.60 0.00	68.56 2.70 0.00	58.20 2.35 0.00	48.55 2.09 0.00	40.27 1.55 0.00
INDIAN POINT___2 23530	41.01 2.14 0.00	34.53 1.71 0.00	31.43 1.58 0.00	30.44 1.50 0.00	30.23 1.44 0.00	32.68 1.44 0.00	40.80 1.57 0.00	40.65 1.94 0.00	35.01 1.98 0.00	33.30 2.24 0.00	34.49 2.41 0.00	35.98 2.39 0.00	37.94 2.18 0.00	40.12 2.59 0.00	44.49 2.99 0.00	45.87 3.16 0.00	53.18 3.57 0.00	64.58 3.89 0.00	71.17 3.71 0.00	76.98 3.46 0.00	68.42 2.57 0.00	58.09 2.24 0.00	48.41 1.95 0.00	40.27 1.55 0.00
INDIAN POINT___3 23531	41.05 2.18 0.00	34.57 1.74 0.00	31.46 1.61 0.00	30.44 1.50 0.00	30.26 1.47 0.00	32.68 1.44 0.00	40.79 1.57 0.00	40.65 1.94 0.00	35.01 1.98 0.00	33.30 2.24 0.00	34.45 2.37 0.00	35.98 2.39 0.00	37.94 2.18 0.00	40.12 2.59 0.00	44.44 2.95 0.00	45.83 3.12 0.00	53.18 3.57 0.00	64.57 3.88 0.00	71.38 3.91 0.00	76.97 3.46 0.00	68.49 2.63 0.00	58.08 2.23 0.00	48.46 2.00 0.00	40.23 1.51 0.00
INDIANHD_69_KV_BK1 55831	69.76 3.50 -27.38	47.96 2.56 -12.57	32.09 2.24 0.00	30.96 2.03 0.00	30.81 2.02 0.00	33.24 2.00 0.00	41.66 2.43 0.00	46.09 3.14 -4.24	54.16 2.87 -18.26	57.42 3.17 -23.18	46.31 3.53 -10.70	51.92 3.56 -14.76	53.05 3.36 -13.94	61.80 3.87 -20.41	69.65 4.36 -23.80	74.31 4.61 -26.98	92.78 4.17 -39.01	111.17 4.43 -46.05	109.66 3.91 -38.28	91.82 3.16 -15.14	90.80 2.17 -22.77	90.77 1.79 -33.13	62.93 3.21 -13.27	69.69 2.56 -28.41
INGHAM_C_115KV_TB7 356103	39.22 0.35 0.00	33.19 0.36 0.00	30.15 0.30 0.00	29.22 0.29 0.00	29.08 0.29 0.00	31.49 0.25 0.00	39.46 0.24 0.00	38.95 0.23 0.00	33.19 0.17 0.00	31.60 0.22 -0.32	32.31 0.22 0.00	34.05 0.24 -0.22	36.01 0.14 -0.12	37.68 0.15 0.00	41.70 0.21 0.00	42.93 0.21 0.00	49.76 0.15 0.00	60.93 0.24 0.00	67.94 0.47 0.00	74.11 0.59 0.00	66.32 0.46 0.00	56.18 0.34 0.00	46.83 0.37 0.00	39.00 0.27 0.00
IP CORINTH___1 23988	41.25 2.37 0.00	34.80 1.97 0.00	31.64 1.79 0.00	30.70 1.76 0.00	30.55 1.76 0.00	33.09 1.84 0.00	41.42 2.20 0.00	40.57 1.86 0.00	34.18 1.16 0.00	32.22 1.15 0.00	33.11 1.03 0.00	34.74 1.14 0.00	36.72 0.97 0.00	38.85 1.31 0.00	43.07 1.58 0.00	43.27 0.56 0.00	50.15 0.55 0.00	61.66 0.97 0.00	68.68 1.21 0.00	75.21 1.69 0.00	67.57 1.71 0.00	57.36 1.51 0.00	47.85 1.39 0.00	40.66 1.94 0.00

IP__TICONDEROGA 23804	42.65 3.77 0.00	35.98 3.15 0.00	32.68 2.84 0.00	31.74 2.81 0.00	31.61 2.82 0.00	34.27 3.03 0.00	42.91 3.69 0.00	41.74 3.02 0.00	34.88 1.85 0.00	32.81 1.74 0.00	33.59 1.51 0.00	35.34 1.75 0.00	37.26 1.50 0.00	39.60 2.06 0.00	43.99 2.49 0.00	44.34 1.62 0.00	51.69 2.08 0.00	63.85 3.16 0.00	71.71 4.25 0.00	79.25 5.73 0.00	71.32 5.47 0.00	60.54 4.69 0.00	50.13 3.67 0.00	42.21 3.49 0.00
ISLIP_RES_REC 323679	54.84 3.97 -11.99	41.19 2.85 -5.51	32.32 2.48 0.00	31.19 2.26 0.00	31.07 2.27 0.00	33.52 2.28 0.00	42.05 2.83 0.00	44.10 3.52 -1.86	44.23 3.20 -8.00	44.70 3.48 -10.15	40.62 3.85 -4.69	43.96 3.90 -6.47	45.54 3.68 -6.11	50.68 4.20 -8.95	56.99 4.73 -10.76	60.10 4.99 -12.39	71.30 4.61 -17.08	85.96 5.10 -20.17	88.75 4.52 -16.77	84.19 4.04 -6.63	78.59 2.77 -9.97	72.70 2.35 -14.51	55.76 3.49 -5.81	54.07 2.91 -12.44
JAMAICA__27_KV_LOAD 355505	41.71 2.84 0.00	35.06 2.23 0.00	31.88 2.03 0.00	30.81 1.88 0.00	30.61 1.81 0.00	33.09 1.84 0.00	41.34 2.12 0.00	41.35 2.63 0.00	35.74 2.71 0.00	34.05 2.98 0.00	35.06 2.98 0.00	36.59 2.99 0.00	38.54 2.79 0.00	40.76 3.23 0.00	45.23 3.73 0.00	46.73 4.01 0.00	54.33 4.71 -0.01	65.67 4.98 0.00	72.46 4.99 0.00	78.00 4.48 0.00	69.28 3.42 0.00	58.87 3.02 0.00	49.20 2.74 0.00	40.70 1.97 0.00
JANIS__SOLAR 323808	39.74 0.85 -0.01	33.68 0.85 0.00	30.54 0.69 -0.01	29.58 0.64 -0.01	29.52 0.72 -0.01	32.99 0.84 -0.90	43.41 0.86 -3.33	39.73 0.50 -0.52	33.03 0.00 0.00	31.00 -0.06 0.00	31.95 -0.13 0.00	33.53 -0.07 0.00	35.47 -0.29 0.00	37.19 -0.34 0.00	41.80 -0.33 -0.64	43.19 -0.13 -0.61	50.51 0.20 -0.70	62.57 1.21 -0.67	70.53 2.43 -0.64	77.38 3.09 -0.78	69.22 2.89 -0.46	59.12 2.45 -0.82	49.12 1.63 -1.03	40.07 0.97 -0.38
JARVIS____ 23743	39.03 0.16 0.00	32.96 0.13 0.00	30.00 0.15 0.00	29.08 0.15 0.00	28.94 0.14 0.00	31.34 0.09 0.00	39.30 0.08 0.00	38.80 0.08 0.00	33.06 0.03 0.00	31.48 0.09 -0.32	32.18 0.10 0.00	33.92 0.10 -0.22	35.87 0.00 -0.12	37.53 0.00 0.00	41.54 0.04 0.00	42.75 0.04 0.00	49.61 0.00 0.00	60.75 0.06 0.00	67.53 0.07 0.00	73.59 0.07 0.00	65.92 0.07 0.00	55.91 0.06 0.00	46.51 0.05 0.00	38.80 0.08 0.00
JENNISON__1 23625	40.01 1.13 0.00	33.88 1.05 0.00	30.75 0.90 0.00	29.78 0.84 0.00	29.72 0.92 0.00	32.76 1.00 -0.52	42.15 1.02 -1.91	39.50 0.77 -0.01	33.42 0.40 0.00	31.56 0.50 0.00	32.59 0.51 0.00	34.20 0.60 0.00	36.18 0.43 0.00	37.98 0.45 0.00	42.50 0.54 -0.46	43.87 0.73 -0.43	51.08 1.04 -0.43	62.79 1.76 -0.34	70.49 2.70 -0.33	77.09 3.09 -0.48	68.79 2.70 -0.24	58.62 2.29 -0.48	48.66 1.53 -0.67	39.89 0.89 -0.27
JENNISON__2 23626	40.01 1.13 0.00	33.88 1.05 0.00	30.75 0.90 0.00	29.78 0.84 0.00	29.72 0.92 0.00	32.76 1.00 -0.52	42.15 1.02 -1.91	39.50 0.77 -0.01	33.42 0.40 0.00	31.56 0.50 0.00	32.59 0.51 0.00	34.20 0.60 0.00	36.18 0.43 0.00	37.98 0.45 0.00	42.50 0.54 -0.46	43.87 0.73 -0.43	51.08 1.04 -0.43	62.79 1.76 -0.34	70.49 2.70 -0.33	77.09 3.09 -0.48	68.79 2.70 -0.24	58.62 2.29 -0.48	48.66 1.53 -0.67	39.89 0.89 -0.27
JERICHO_RISE_WT_PWR 323719	38.68 -0.19 0.00	32.63 -0.20 0.00	29.61 -0.24 0.00	28.79 -0.14 0.00	28.65 -0.14 0.00	31.24 0.00 0.00	39.38 0.16 0.00	38.93 0.19 -0.02	33.19 0.17 0.00	32.29 -0.03 -1.25	31.95 -0.13 0.00	34.39 -0.07 -0.86	36.47 0.25 -0.46	37.83 0.30 0.00	41.75 0.25 0.00	42.93 0.21 0.00	49.91 0.30 0.00	60.81 0.12 0.00	67.67 0.20 0.00	73.96 0.44 0.00	66.32 0.46 0.00	56.24 0.39 0.00	46.83 0.37 0.00	38.96 0.23 0.00
KATONAH__115KV_46KV_TB4 355592	41.25 2.37 0.00	34.73 1.90 0.00	31.58 1.73 0.00	30.61 1.68 0.00	30.46 1.67 0.00	32.90 1.66 0.00	41.07 1.84 0.00	40.85 2.13 0.00	35.14 2.11 0.00	33.40 2.33 0.00	34.58 2.50 0.00	36.11 2.52 0.00	38.11 2.36 0.00	40.35 2.81 0.00	44.69 3.20 0.00	46.09 3.37 0.00	53.53 3.92 0.00	65.12 4.43 0.00	71.98 4.52 0.00	77.71 4.19 0.00	69.02 3.16 0.00	58.53 2.68 0.00	48.83 2.37 0.00	40.47 1.74 0.00
KCE_NY_1 323755	40.86 1.98 0.00	34.47 1.64 0.00	31.37 1.52 0.00	30.44 1.50 0.00	30.29 1.50 0.00	32.77 1.53 0.00	40.95 1.72 0.00	40.22 1.51 0.00	33.99 0.96 0.00	32.06 0.99 0.00	32.95 0.87 0.00	34.50 0.91 0.00	36.51 0.75 0.00	38.58 1.05 0.00	42.70 1.20 0.00	43.65 0.94 0.00	50.89 1.29 0.00	62.45 1.76 0.00	69.56 2.09 0.00	76.16 2.64 0.00	68.42 2.57 0.00	58.09 2.24 0.00	48.27 1.81 0.00	40.47 1.74 0.00
KCE_NY_6_ESR 323823	35.00 -3.85 0.03	29.71 -3.12 0.00	26.87 -2.96 0.03	26.01 -2.89 0.03	26.00 -2.76 0.03	25.31 -2.84 3.09	24.41 -3.53 11.28	31.83 -3.99 2.90	29.92 -3.11 0.00	29.05 -2.02 0.00	30.25 -1.83 0.00	31.71 -1.88 0.00	33.07 -2.68 0.00	34.57 -2.97 0.00	38.17 -3.32 0.00	39.43 -3.08 0.21	44.60 -3.22 1.78	54.05 -3.09 3.55	61.08 -3.10 3.28	65.96 -5.22 2.35	57.46 -5.20 3.19	47.49 -3.80 4.56	39.15 -3.53 3.78	34.68 -3.95 0.09
KEDC_PORT_JEFF_GT2 24210	57.32 3.73 -14.71	42.27 2.69 -6.76	32.18 2.33 0.00	31.04 2.11 0.00	30.92 2.13 0.00	33.37 2.13 0.00	41.85 2.63 0.00	44.28 3.29 -2.28	45.84 3.01 -9.81	46.81 3.29 -12.46	41.46 3.62 -5.76	45.20 3.66 -7.94	46.68 3.43 -7.49	52.44 3.94 -10.97	59.01 4.44 -13.07	62.38 4.70 -14.97	74.78 4.21 -20.96	89.86 4.43 -24.74	91.61 3.57 -20.57	84.74 3.09 -8.13	80.39 2.30 -12.23	75.60 1.95 -17.80	56.75 3.16 -7.13	56.70 2.71 -15.27
KEDC_PORT_JEFF_GT3 24211	57.32 3.73 -14.71	42.27 2.69 -6.76	32.18 2.33 0.00	31.04 2.11 0.00	30.92 2.13 0.00	33.37 2.13 0.00	41.85 2.63 0.00	44.28 3.29 -2.28	45.84 3.01 -9.81	46.81 3.29 -12.46	41.46 3.62 -5.76	45.20 3.66 -7.94	46.68 3.43 -7.49	52.44 3.94 -10.97	59.01 4.44 -13.07	62.38 4.70 -14.97	74.78 4.21 -20.96	89.86 4.43 -24.74	91.61 3.57 -20.57	84.74 3.09 -8.13	80.39 2.30 -12.23	75.60 1.95 -17.80	56.75 3.16 -7.13	56.70 2.71 -15.27
KEDC_GLWD_GT4 24219	41.83 2.95 0.00	35.03 2.20 0.00	31.82 1.97 0.00	30.76 1.82 0.00	30.61 1.82 0.00	33.02 1.78 0.00	41.34 2.12 0.00	41.31 2.59 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.17 3.08 -0.01	36.73 3.12 -0.01	38.69 2.93 0.00	40.92 3.38 -0.01	45.92 3.82 -0.61	47.79 4.06 -1.02	53.92 4.31 0.00	65.49 4.79 -0.01	71.45 3.98 -0.01	77.06 3.53 -0.01	68.36 2.50 0.00	58.36 2.52 0.00	49.06 2.60 0.00	40.85 2.13 0.00
KEDC_GLWD_GT5 24220	41.83 2.95 0.00	35.03 2.20 0.00	31.82 1.97 0.00	30.76 1.82 0.00	30.61 1.82 0.00	33.02 1.78 0.00	41.34 2.12 0.00	41.31 2.59 0.00	35.54 2.51 0.00	33.86 2.80 0.00	35.17 3.08 -0.01	36.73 3.12 -0.01	38.69 2.93 0.00	40.92 3.38 -0.01	45.92 3.82 -0.61	47.79 4.06 -1.02	53.92 4.31 0.00	65.49 4.79 -0.01	71.45 3.98 -0.01	77.06 3.53 -0.01	68.36 2.50 0.00	58.36 2.52 0.00	49.06 2.60 0.00	40.85 2.13 0.00

KENSICO____ 23655	41.21 2.33 0.00	34.70 1.87 0.00	31.58 1.73 0.00	30.55 1.62 0.00	30.38 1.58 0.00	32.81 1.56 0.00	40.95 1.73 0.00	40.81 2.09 0.00	35.14 2.11 0.00	33.46 2.39 0.00	34.62 2.53 0.00	36.15 2.55 0.00	38.11 2.36 0.00	40.27 2.74 0.00	44.65 3.15 0.00	46.04 3.33 0.00	53.43 3.82 0.00	64.88 4.19 0.00	71.65 4.18 0.00	77.27 3.75 0.00	68.76 2.90 0.00	58.31 2.46 0.00	48.64 2.18 0.00	40.39 1.67 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.09 2.22 0.00	34.63 1.81 0.00	31.49 1.64 0.00	30.47 1.53 0.00	30.26 1.47 0.00	32.68 1.44 0.00	40.83 1.61 0.00	40.57 1.86 0.00	34.84 1.82 0.00	33.02 1.96 0.00	34.17 2.09 0.00	35.71 2.12 0.00	37.68 1.93 0.00	39.82 2.29 0.00	44.19 2.70 0.00	45.66 2.95 0.00	53.13 3.52 0.00	64.94 4.25 0.00	72.05 4.59 0.00	77.86 4.34 0.00	69.35 3.49 0.00	58.75 2.90 0.00	48.74 2.28 0.00	40.39 1.67 0.00
KIAC_JFK_GT1 23816	41.40 2.53 0.00	34.80 1.97 0.00	31.67 1.82 0.00	30.61 1.68 0.00	30.41 1.61 0.00	32.87 1.62 0.00	41.03 1.80 0.00	41.04 2.32 0.00	35.50 2.48 0.00	33.83 2.76 0.00	34.81 2.73 0.00	36.32 2.72 0.00	38.29 2.54 0.00	40.50 2.97 0.00	44.90 3.40 0.00	46.34 3.63 0.00	53.89 4.27 -0.01	64.94 4.25 0.00	71.58 4.12 0.00	77.12 3.60 0.00	68.49 2.63 0.00	58.36 2.51 0.00	48.83 2.37 0.00	40.43 1.70 0.00
KIAC_JFK_GT2 23817	41.40 2.53 0.00	34.80 1.97 0.00	31.67 1.82 0.00	30.61 1.68 0.00	30.41 1.61 0.00	32.87 1.62 0.00	41.03 1.80 0.00	41.04 2.32 0.00	35.50 2.48 0.00	33.83 2.76 0.00	34.81 2.73 0.00	36.32 2.72 0.00	38.29 2.54 0.00	40.50 2.97 0.00	44.90 3.40 0.00	46.34 3.63 0.00	53.89 4.27 -0.01	64.94 4.25 0.00	71.58 4.12 0.00	77.12 3.60 0.00	68.49 2.63 0.00	58.36 2.51 0.00	48.83 2.37 0.00	40.43 1.70 0.00
KIAC_JFK____ 323774	41.37 2.49 0.00	34.80 1.97 0.00	31.67 1.82 0.00	30.61 1.68 0.00	30.40 1.61 0.00	32.87 1.62 0.00	41.07 1.84 0.00	41.04 2.32 0.00	35.47 2.44 0.00	33.83 2.76 0.00	34.81 2.73 0.00	36.32 2.72 0.00	38.26 2.50 0.00	40.50 2.96 0.00	44.90 3.40 0.00	46.34 3.63 0.00	53.89 4.27 -0.01	64.87 4.18 0.00	71.38 3.91 0.00	77.05 3.53 0.00	68.42 2.57 0.00	58.37 2.52 0.00	48.78 2.32 0.00	40.47 1.74 0.00
KINTIGH_24_KV_GSU 356498	35.05 -3.81 0.01	29.74 -3.09 0.00	26.91 -2.92 0.01	26.00 -2.92 0.01	25.87 -2.91 0.01	26.12 -3.44 1.69	28.73 -4.27 6.22	32.64 -4.61 1.47	30.05 -2.97 0.00	28.98 -2.08 0.00	30.19 -1.89 0.00	31.58 -2.01 0.00	33.00 -2.75 0.00	34.42 -3.11 0.00	37.93 -3.57 0.00	39.18 -3.33 0.20	43.52 -4.51 1.57	53.17 -4.37 3.15	60.10 -4.45 2.91	66.47 -4.71 2.34	58.36 -4.54 2.95	47.22 -5.08 3.55	39.23 -4.55 2.68	35.48 -3.14 0.11
KINTIGH____ 23543	35.05 -3.81 0.01	29.74 -3.09 0.00	26.91 -2.92 0.01	26.05 -2.86 0.01	25.84 -2.94 0.01	26.12 -3.44 1.69	28.73 -4.28 6.22	32.64 -4.61 1.47	29.99 -3.04 0.00	28.98 -2.08 0.00	30.19 -1.89 0.00	31.58 -2.02 0.00	32.97 -2.79 0.00	34.42 -3.12 0.00	37.93 -3.57 0.00	39.18 -3.33 0.20	43.47 -4.56 1.57	53.00 -4.55 3.14	59.44 -5.13 2.90	66.44 -4.71 2.37	58.23 -4.61 3.02	46.98 -5.14 3.73	38.95 -4.65 2.86	35.52 -3.10 0.11
KNTFSRNC_46_KV_46KV_LOAD 80397	39.22 0.35 0.00	33.06 0.23 0.00	29.97 0.12 0.00	29.16 0.23 0.00	28.99 0.20 0.00	31.62 0.37 0.00	39.85 0.63 0.00	39.38 0.66 -0.01	33.65 0.63 0.00	32.19 0.34 -0.78	32.34 0.26 0.00	34.50 0.37 -0.54	36.79 0.75 -0.29	38.32 0.79 0.00	42.20 0.71 0.00	43.48 0.77 0.00	50.60 0.99 0.00	61.84 1.15 0.00	68.95 1.48 0.00	75.80 2.28 0.00	68.03 2.17 0.00	57.64 1.79 0.00	47.85 1.39 0.00	39.85 1.12 0.00
LACHUTE____HYDRO 323717	42.64 3.77 0.00	35.98 3.15 0.00	32.68 2.84 0.00	31.74 2.81 0.00	31.62 2.82 0.00	34.27 3.03 0.00	42.91 3.69 0.00	41.74 3.02 0.00	34.88 1.85 0.00	32.80 1.74 0.00	33.59 1.51 0.00	35.34 1.75 0.00	37.26 1.50 0.00	39.59 2.06 0.00	43.99 2.49 0.00	44.33 1.62 0.00	51.69 2.08 0.00	63.78 3.09 0.00	71.65 4.18 0.00	79.26 5.74 0.00	71.32 5.46 0.00	60.54 4.69 0.00	50.13 3.67 0.00	42.28 3.56 0.00
LAWRNCV_115KV_TB1 80681	38.84 -0.04 0.00	32.73 -0.10 0.00	29.67 -0.18 0.00	28.85 -0.09 0.00	28.68 -0.12 0.00	31.31 0.06 0.00	39.42 0.20 0.00	39.18 0.27 -0.19	33.19 0.17 0.00	43.91 -0.12 -12.97	31.82 -0.26 0.00	42.33 -0.17 -8.91	40.74 0.21 -4.77	37.72 0.19 0.00	41.58 0.08 0.00	42.50 -0.21 0.00	49.16 -0.45 0.00	59.90 -0.79 0.00	66.92 -0.54 0.00	73.52 0.00 0.00	66.12 0.26 0.00	56.24 0.39 0.00	47.06 0.60 0.00	39.23 0.50 0.00
LEDERLE____ 23769	41.17 2.29 0.00	34.66 1.84 0.00	31.55 1.70 0.00	30.52 1.59 0.00	30.35 1.55 0.00	32.77 1.53 0.00	40.95 1.73 0.00	40.81 2.09 0.00	35.14 2.11 0.00	33.40 2.33 0.00	34.58 2.50 0.00	36.11 2.52 0.00	38.08 2.32 0.00	40.27 2.74 0.00	44.65 3.15 0.00	46.09 3.37 0.00	53.43 3.82 0.00	65.00 4.31 0.00	71.85 4.39 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.42 2.57 0.00	48.69 2.23 0.00	40.39 1.67 0.00
LIGHTHSE_115KV_TB6 355974	38.64 -0.23 0.00	32.73 -0.10 0.00	29.70 -0.15 0.00	28.76 -0.17 0.00	28.68 -0.12 0.00	31.12 -0.12 0.00	38.99 -0.24 0.00	38.35 -0.39 -0.02	32.60 -0.43 0.00	31.90 -0.34 -1.17	31.73 -0.35 0.00	34.06 -0.34 -0.80	35.68 -0.50 -0.43	36.78 -0.75 0.00	42.14 -0.83 -1.48	43.42 -0.77 -1.47	50.49 -0.99 -1.87	62.02 -0.79 -2.12	69.09 -0.34 -1.96	76.48 0.22 -2.74	68.08 0.40 -1.82	57.39 0.22 -1.31	47.76 0.00 -1.30	39.60 -0.08 -0.95
LINDEN COGEN____ 23786	41.29 2.41 0.00	34.76 1.94 0.00	31.64 1.79 0.00	30.61 1.68 0.00	30.43 1.64 0.00	32.84 1.59 0.00	40.91 1.69 0.00	40.84 2.13 0.00	35.34 2.31 0.00	33.71 2.64 0.00	34.87 2.79 0.00	36.35 2.76 0.00	38.29 2.54 0.00	40.50 2.96 0.00	44.90 3.40 0.00	46.34 3.63 0.00	53.84 4.21 -0.01	65.12 4.43 0.00	71.65 4.18 0.00	77.34 3.82 0.00	68.69 2.83 0.00	58.30 2.45 0.00	48.55 2.09 0.00	40.35 1.63 0.00
LINDHRST_69_KV_BK1 356055	43.86 3.81 -1.17	36.19 2.82 -0.54	32.32 2.48 0.00	31.19 2.26 0.00	31.04 2.25 0.00	33.49 2.25 0.00	41.97 2.75 0.00	42.34 3.45 -0.18	36.95 3.14 -0.78	35.48 3.42 -0.99	36.32 3.79 -0.46	38.06 3.83 -0.63	40.00 3.65 -0.60	42.61 4.20 -0.87	47.78 4.69 -1.60	49.76 4.91 -2.13	56.14 4.86 -1.67	68.06 5.40 -1.97	74.16 5.06 -1.64	78.58 4.41 -0.65	69.99 3.16 -0.97	59.83 2.57 -1.41	50.65 3.62 -0.57	42.81 2.87 -1.22
LIPA_MISC_IPP 23656	54.76 3.50 -12.38	41.14 2.63 -5.69	32.17 2.33 0.00	31.02 2.08 0.00	30.87 2.07 0.00	33.34 2.09 0.00	41.73 2.51 0.00	43.85 3.21 -1.92	44.22 2.94 -8.26	44.78 3.23 -10.48	40.48 3.56 -4.84	43.83 3.56 -6.67	45.38 3.33 -6.30	50.55 3.79 -9.23	56.78 4.19 -11.10	59.91 4.44 -12.76	71.16 3.92 -17.64	85.76 4.25 -20.82	88.69 3.91 -17.31	83.60 3.23 -6.84	78.13 1.98 -10.29	72.56 1.73 -14.98	55.62 3.16 -6.00	54.17 2.59 -12.85

LISF___SOLAR 323691	55.13 3.70 -12.57	41.29 2.69 -5.77	32.18 2.33 0.00	31.07 2.14 0.00	30.92 2.13 0.00	33.40 2.15 0.00	41.85 2.63 0.00	43.95 3.29 -1.95	44.41 3.01 -8.38	44.96 3.26 -10.64	40.59 3.59 -4.92	43.97 3.60 -6.78	45.51 3.36 -6.40	50.77 3.87 -9.37	57.02 4.28 -11.25	60.17 4.53 -12.93	71.47 3.97 -17.90	86.13 4.31 -21.13	88.87 3.84 -17.56	83.85 3.38 -6.94	78.35 2.04 -10.45	72.89 1.84 -15.20	55.66 3.11 -6.09	54.47 2.71 -13.04
LITTLE FALLS___HYD 24013	39.22 0.35 0.00	33.19 0.36 0.00	30.15 0.30 0.00	29.22 0.29 0.00	29.08 0.29 0.00	31.49 0.25 0.00	39.46 0.24 0.00	38.95 0.23 0.00	33.19 0.17 0.00	31.60 0.22 -0.32	32.31 0.22 0.00	34.05 0.24 -0.22	36.01 0.14 -0.12	37.68 0.15 0.00	41.70 0.21 0.00	42.93 0.21 0.00	49.76 0.15 0.00	60.93 0.24 0.00	67.94 0.47 0.00	74.11 0.59 0.00	66.32 0.46 0.00	56.18 0.34 0.00	46.83 0.37 0.00	39.00 0.27 0.00
LITTLRIV_115KV_TB1 356100	39.19 0.31 0.00	33.02 0.20 0.00	29.91 0.06 0.00	29.08 0.14 0.00	28.94 0.14 0.00	31.59 0.34 0.00	39.77 0.55 0.00	39.44 0.54 -0.18	33.32 0.30 0.00	43.41 -0.03 -12.38	31.86 -0.22 0.00	41.99 -0.10 -8.50	40.63 0.32 -4.55	37.83 0.30 0.00	41.70 0.21 0.00	42.58 -0.13 0.00	49.31 -0.30 0.00	60.14 -0.55 0.00	67.46 0.00 0.00	74.40 0.88 0.00	66.98 1.12 0.00	56.97 1.12 0.00	47.62 1.16 0.00	39.65 0.93 0.00
LI_NEWBRDGE___DRP 323616	41.75 2.88 0.00	34.93 2.10 0.00	31.70 1.85 0.00	30.58 1.65 0.00	30.43 1.64 0.00	32.84 1.59 0.00	41.15 1.92 0.00	41.23 2.52 0.00	35.40 2.38 0.00	33.77 2.70 0.00	35.10 3.02 0.00	36.62 3.02 0.00	38.54 2.79 0.00	40.80 3.27 0.00	45.71 3.61 -0.61	47.58 3.84 -1.02	53.33 3.72 0.00	64.75 4.07 0.01	71.03 3.58 0.01	76.31 2.79 0.01	67.63 1.78 0.01	57.35 1.51 0.01	48.97 2.51 0.00	40.70 1.97 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.27 -4.59 0.02	29.05 -3.77 0.00	26.34 -3.49 0.02	25.47 -3.44 0.02	25.38 -3.40 0.02	25.45 -3.56 2.23	26.66 -4.39 8.17	31.89 -4.84 1.99	29.23 -3.80 0.00	28.39 -2.67 0.00	29.61 -2.47 0.00	31.01 -2.59 0.00	32.25 -3.50 0.00	33.70 -3.83 0.00	37.18 -4.32 0.00	38.41 -4.10 0.20	43.16 -4.81 1.64	52.28 -5.16 3.25	59.12 -5.33 3.01	64.92 -6.25 2.35	56.69 -6.06 3.10	46.18 -5.47 4.20	38.12 -4.97 3.37	34.48 -4.14 0.10
LOCKPORT___CC1 323769	34.31 -4.55 0.02	29.15 -3.68 0.00	26.37 -3.46 0.02	25.50 -3.41 0.02	25.40 -3.37 0.02	25.31 -3.56 2.37	26.10 -4.43 8.69	31.70 -4.88 2.14	29.33 -3.70 0.00	28.46 -2.61 0.00	29.67 -2.41 0.00	31.04 -2.55 0.00	32.32 -3.43 0.00	33.74 -3.79 0.00	37.22 -4.27 0.00	38.49 -4.02 0.20	43.17 -4.76 1.67	52.51 -4.86 3.32	59.40 -4.99 3.07	65.01 -6.18 2.33	56.73 -6.06 3.07	46.34 -5.42 4.10	38.36 -4.83 3.27	34.48 -4.14 0.10
LOCKPORT___CC2 323770	34.31 -4.55 0.02	29.15 -3.68 0.00	26.37 -3.46 0.02	25.50 -3.41 0.02	25.40 -3.37 0.02	25.31 -3.56 2.37	26.10 -4.43 8.69	31.70 -4.88 2.14	29.33 -3.70 0.00	28.46 -2.61 0.00	29.67 -2.41 0.00	31.04 -2.55 0.00	32.32 -3.43 0.00	33.74 -3.79 0.00	37.22 -4.27 0.00	38.49 -4.02 0.20	43.17 -4.76 1.67	52.51 -4.86 3.32	59.40 -4.99 3.07	65.01 -6.18 2.33	56.73 -6.06 3.07	46.34 -5.42 4.10	38.36 -4.83 3.27	34.48 -4.14 0.10
LOCKPORT___CC3 323771	34.31 -4.55 0.02	29.15 -3.68 0.00	26.37 -3.46 0.02	25.50 -3.41 0.02	25.40 -3.37 0.02	25.31 -3.56 2.37	26.10 -4.43 8.69	31.70 -4.88 2.14	29.33 -3.70 0.00	28.46 -2.61 0.00	29.67 -2.41 0.00	31.04 -2.55 0.00	32.32 -3.43 0.00	33.74 -3.79 0.00	37.22 -4.27 0.00	38.49 -4.02 0.20	43.17 -4.76 1.67	52.51 -4.86 3.32	59.40 -4.99 3.07	65.01 -6.18 2.33	56.73 -6.06 3.07	46.34 -5.42 4.10	38.36 -4.83 3.27	34.48 -4.14 0.10
LOCUSVLY_69_KV_BK2 55797	42.02 3.15 0.00	35.19 2.36 0.00	31.94 2.09 0.00	30.84 1.91 0.00	30.69 1.90 0.00	33.12 1.87 0.00	41.46 2.24 0.00	41.54 2.83 0.00	35.70 2.68 0.00	34.02 2.95 0.00	35.35 3.27 0.00	36.92 3.33 0.00	38.90 3.15 0.00	41.17 3.64 0.00	46.21 4.11 -0.61	48.05 4.31 -1.02	53.97 4.37 0.00	65.55 4.86 0.00	71.85 4.39 0.00	77.27 3.75 0.00	68.55 2.70 0.00	58.19 2.35 0.00	49.39 2.93 0.00	41.01 2.28 0.00
LONG_LAKE_PHOENIX 24014	37.86 -1.01 0.00	32.07 -0.75 0.00	29.13 -0.72 0.00	28.21 -0.72 0.00	28.10 -0.69 0.00	30.46 -0.78 0.00	38.17 -1.06 0.00	37.64 -1.08 -0.01	32.14 -0.89 0.00	30.75 -0.71 -0.40	31.41 -0.67 0.00	33.19 -0.67 -0.27	34.97 -0.93 -0.15	36.33 -1.20 0.00	42.40 -1.33 -2.23	43.75 -1.24 -2.27	51.21 -1.59 -3.19	62.99 -1.64 -3.94	69.34 -1.75 -3.63	76.60 -1.69 -4.77	67.88 -1.45 -3.47	57.05 -1.40 -2.60	47.53 -1.25 -2.32	39.15 -1.05 -1.48
LOVETT___3 23632	40.97 2.10 0.00	34.50 1.67 0.00	31.43 1.58 0.00	30.41 1.48 0.00	30.23 1.44 0.00	32.65 1.41 0.00	40.75 1.53 0.00	40.61 1.90 0.00	34.98 1.95 0.00	33.27 2.21 0.00	34.42 2.34 0.00	35.95 2.35 0.00	37.90 2.15 0.00	40.08 2.55 0.00	44.40 2.90 0.00	45.79 3.08 0.00	53.08 3.47 0.00	64.45 3.76 0.00	71.24 3.78 0.00	76.83 3.31 0.00	68.36 2.50 0.00	57.97 2.12 0.00	48.36 1.90 0.00	40.20 1.47 0.00
LOVETT___4 23642	40.97 2.10 0.00	34.50 1.67 0.00	31.43 1.58 0.00	30.41 1.48 0.00	30.23 1.44 0.00	32.65 1.41 0.00	40.75 1.53 0.00	40.61 1.90 0.00	34.98 1.95 0.00	33.27 2.21 0.00	34.42 2.34 0.00	35.95 2.35 0.00	37.90 2.15 0.00	40.08 2.55 0.00	44.40 2.90 0.00	45.79 3.08 0.00	53.08 3.47 0.00	64.45 3.76 0.00	71.24 3.78 0.00	76.83 3.31 0.00	68.36 2.50 0.00	57.97 2.12 0.00	48.36 1.90 0.00	40.20 1.47 0.00
LOVETT___5 23593	40.97 2.10 0.00	34.50 1.67 0.00	31.43 1.58 0.00	30.41 1.48 0.00	30.23 1.44 0.00	32.65 1.41 0.00	40.75 1.53 0.00	40.61 1.90 0.00	34.98 1.95 0.00	33.27 2.21 0.00	34.42 2.34 0.00	35.95 2.35 0.00	37.90 2.15 0.00	40.08 2.55 0.00	44.40 2.90 0.00	45.79 3.08 0.00	53.08 3.47 0.00	64.45 3.76 0.00	71.24 3.78 0.00	76.83 3.31 0.00	68.36 2.50 0.00	57.97 2.12 0.00	48.36 1.90 0.00	40.20 1.47 0.00
LOWER RAQUET___HYD 24057	38.84 -0.04 0.00	32.73 -0.10 0.00	29.67 -0.18 0.00	28.85 -0.09 0.00	28.68 -0.11 0.00	31.31 0.06 0.00	39.42 0.20 0.00	39.13 0.23 -0.18	33.13 0.10 0.00	42.70 -0.19 -11.82	31.76 -0.32 0.00	41.48 -0.23 -8.12	40.25 0.14 -4.35	37.68 0.15 0.00	41.54 0.04 0.00	42.37 -0.34 0.00	49.01 -0.59 0.00	59.72 -0.97 0.00	66.79 -0.67 0.00	73.45 -0.07 0.00	66.06 0.20 0.00	56.24 0.39 0.00	47.11 0.65 0.00	39.11 0.39 0.00
LOWER___HUDSON 24059	40.39 1.51 0.00	34.10 1.28 0.00	31.04 1.20 0.00	30.12 1.19 0.00	29.97 1.18 0.00	32.40 1.16 0.00	40.44 1.22 0.00	39.92 1.20 0.00	33.79 0.76 0.00	31.93 0.87 0.00	32.88 0.80 0.00	34.33 0.74 0.00	36.32 0.57 0.00	38.32 0.79 0.00	42.37 0.87 0.00	43.48 0.77 0.00	50.75 1.14 0.00	62.21 1.52 0.00	69.08 1.62 0.00	75.36 1.84 0.00	67.70 1.84 0.00	57.58 1.73 0.00	47.85 1.39 0.00	40.00 1.28 0.00

LOWVILLE_115KV_TB2 356335	39.69 0.82 0.00	33.58 0.75 0.00	30.44 0.60 0.00	29.51 0.58 0.00	29.43 0.63 0.00	31.99 0.75 0.00	40.17 0.94 0.00	39.39 0.62 -0.05	33.29 0.26 0.00	34.63 0.19 -3.38	32.18 0.10 0.00	36.08 0.17 -2.32	37.21 0.21 -1.24	37.64 0.11 0.00	42.07 0.12 -0.45	43.19 0.04 -0.43	50.14 0.05 -0.48	61.65 0.49 -0.47	69.39 1.48 -0.44	76.85 2.65 -0.68	68.88 2.63 -0.39	58.40 2.29 -0.26	48.44 1.67 -0.31	40.20 1.20 -0.28
LUTHERFT_115KV_GLOB_FND_222 355753	40.82 1.94 0.00	34.47 1.64 0.00	31.34 1.49 0.00	30.41 1.48 0.00	30.26 1.47 0.00	32.74 1.50 0.00	40.95 1.73 0.00	40.23 1.51 0.00	33.98 0.96 0.00	32.03 0.96 0.00	32.95 0.87 0.00	34.50 0.91 0.00	36.50 0.75 0.00	38.55 1.01 0.00	42.70 1.20 0.00	43.61 0.90 0.00	50.85 1.24 0.00	62.45 1.76 0.00	69.56 2.09 0.00	76.09 2.57 0.00	68.36 2.50 0.00	58.08 2.23 0.00	48.27 1.81 0.00	40.39 1.67 0.00
LUTHERNY_35_KV_BK2 355980	40.86 1.98 0.00	34.47 1.64 0.00	31.34 1.49 0.00	30.44 1.50 0.00	30.29 1.50 0.00	32.77 1.53 0.00	40.95 1.73 0.00	40.23 1.51 0.00	33.98 0.96 0.00	32.06 0.99 0.00	32.95 0.87 0.00	34.50 0.91 0.00	36.50 0.75 0.00	38.58 1.05 0.00	42.70 1.20 0.00	43.65 0.94 0.00	50.90 1.29 0.00	62.45 1.76 0.00	69.62 2.16 0.00	76.17 2.65 0.00	68.36 2.50 0.00	58.08 2.23 0.00	48.27 1.81 0.00	40.43 1.70 0.00
LWR__OSWEGATCHIE_HYD 23850	39.19 0.31 0.00	33.12 0.30 0.00	30.00 0.15 0.00	29.11 0.17 0.00	28.99 0.20 0.00	31.59 0.34 0.00	39.70 0.47 0.00	39.18 0.35 -0.12	33.13 0.10 0.00	38.99 -0.09 -8.02	31.86 -0.22 0.00	38.97 -0.13 -5.51	38.77 0.07 -2.95	37.53 0.00 0.00	41.79 -0.08 -0.37	42.77 -0.30 -0.36	49.51 -0.50 -0.40	60.60 -0.49 -0.39	68.03 0.20 -0.37	75.27 1.18 -0.57	67.63 1.45 -0.32	57.40 1.34 -0.21	47.84 1.12 -0.26	39.77 0.81 -0.23
LYONS_FALL_HYD 23570	39.58 0.70 0.00	33.48 0.66 0.00	30.38 0.54 0.00	29.45 0.52 0.00	29.34 0.55 0.00	31.87 0.62 0.00	40.01 0.78 0.00	39.29 0.54 -0.03	33.29 0.26 0.00	33.54 0.22 -2.26	32.24 0.16 0.00	35.35 0.20 -1.55	36.80 0.22 -0.83	37.68 0.15 0.00	41.99 0.17 -0.33	43.20 0.17 -0.32	50.16 0.20 -0.35	61.64 0.61 -0.35	69.21 1.42 -0.32	76.30 2.28 -0.50	68.38 2.24 -0.28	57.94 1.90 -0.19	48.08 1.39 -0.23	39.90 0.97 -0.21
MADISON__COUNTY_LFGE 323628	39.50 0.62 0.00	33.42 0.59 0.00	30.32 0.48 0.00	29.39 0.46 0.00	29.28 0.49 0.00	31.77 0.53 0.00	39.81 0.59 0.00	39.15 0.43 -0.01	33.26 0.23 0.00	32.02 0.25 -0.71	32.34 0.26 0.00	34.42 0.34 -0.49	36.23 0.21 -0.26	37.72 0.19 0.00	42.08 0.21 -0.37	43.30 0.26 -0.33	50.18 0.40 -0.18	61.41 0.79 0.07	68.83 1.42 0.05	75.68 1.99 -0.18	67.58 1.84 0.13	57.19 1.51 0.17	47.57 1.07 -0.04	39.67 0.74 -0.21
MALONE__115KV_TB1 356076	39.11 0.23 0.00	32.96 0.13 0.00	29.88 0.03 0.00	29.05 0.12 0.00	28.91 0.12 0.00	31.56 0.31 0.00	39.73 0.51 0.00	39.35 0.58 -0.06	33.52 0.50 0.00	35.22 0.25 -3.91	32.24 0.16 0.00	36.55 0.27 -2.68	37.80 0.61 -1.44	38.17 0.64 0.00	42.08 0.58 0.00	43.22 0.51 0.00	50.20 0.60 0.00	61.24 0.55 0.00	68.27 0.81 0.00	74.92 1.40 0.00	67.24 1.38 0.00	57.02 1.17 0.00	47.48 1.02 0.00	39.54 0.81 0.00
MAPLEWOD_115KV_TB3 80458	40.24 1.36 0.00	34.04 1.21 0.00	31.01 1.16 0.00	30.06 1.13 0.00	29.92 1.12 0.00	32.31 1.06 0.00	40.40 1.18 0.00	39.88 1.16 0.00	33.72 0.69 0.00	31.87 0.81 0.00	32.82 0.74 0.00	34.33 0.74 0.00	36.29 0.54 0.00	38.32 0.79 0.00	42.41 0.91 0.00	43.57 0.85 0.00	50.80 1.19 0.00	62.21 1.52 0.00	69.15 1.69 0.00	75.36 1.84 0.00	67.64 1.78 0.00	57.47 1.62 0.00	47.81 1.35 0.00	39.81 1.08 0.00
MAPLE_RIDGE_WT_1 323574	38.64 -0.23 0.00	32.66 -0.16 0.00	29.70 -0.15 0.00	28.82 -0.12 0.00	28.65 -0.14 0.00	31.12 -0.12 0.00	39.11 -0.12 0.00	38.60 -0.12 0.00	32.96 -0.07 0.00	31.00 -0.06 0.00	32.02 -0.06 0.00	33.53 -0.07 0.00	35.72 -0.04 0.00	37.49 -0.04 0.00	41.45 -0.04 0.00	42.63 -0.09 0.00	49.51 -0.10 0.00	60.57 -0.12 0.00	67.33 -0.13 0.00	73.45 -0.07 0.00	65.79 -0.07 0.00	55.74 -0.11 0.00	46.32 -0.14 0.00	38.57 -0.15 0.00
MAPLE_RIDGE_WT_2 323611	38.64 -0.23 0.00	32.66 -0.16 0.00	29.70 -0.15 0.00	28.82 -0.12 0.00	28.65 -0.14 0.00	31.12 -0.12 0.00	39.11 -0.12 0.00	38.60 -0.12 0.00	32.96 -0.07 0.00	31.00 -0.06 0.00	32.02 -0.06 0.00	33.53 -0.07 0.00	35.72 -0.04 0.00	37.49 -0.04 0.00	41.45 -0.04 0.00	42.63 -0.09 0.00	49.51 -0.10 0.00	60.57 -0.12 0.00	67.33 -0.13 0.00	73.45 -0.07 0.00	65.79 -0.07 0.00	55.74 -0.11 0.00	46.32 -0.14 0.00	38.57 -0.15 0.00
MARBLE_RIVER_WT_PWR 323696	38.72 -0.15 0.00	32.66 -0.16 0.00	29.67 -0.18 0.00	28.82 -0.12 0.00	28.65 -0.14 0.00	31.24 0.00 0.00	39.42 0.20 0.00	38.91 0.19 0.00	33.19 0.17 0.00	31.04 -0.03 0.00	31.95 -0.13 0.00	33.53 -0.07 0.00	36.01 0.25 0.00	37.80 0.26 0.00	41.70 0.21 0.00	42.88 0.17 0.00	49.86 0.25 0.00	60.81 0.12 0.00	67.67 0.20 0.00	73.89 0.37 0.00	66.26 0.40 0.00	56.24 0.39 0.00	46.83 0.37 0.00	38.96 0.23 0.00
MARSHVLE_115KV_TB1 80742	40.86 1.98 0.00	34.50 1.67 0.00	31.37 1.52 0.00	30.41 1.48 0.00	30.29 1.50 0.00	32.84 1.59 0.00	40.83 1.61 0.00	39.41 0.70 0.00	33.19 0.17 0.00	31.19 0.12 0.00	32.05 -0.03 0.00	33.63 0.03 0.00	35.61 -0.14 0.00	37.57 0.04 0.00	41.66 0.17 0.00	42.84 0.13 0.00	49.90 0.30 0.00	61.60 0.91 0.00	69.42 1.96 0.00	77.05 3.53 0.00	69.61 3.75 0.00	59.03 3.18 0.00	49.02 2.56 0.00	40.62 1.90 0.00
MARSH_HILL_WT_PWR 323713	37.34 -1.63 -0.09	31.61 -1.21 0.00	28.75 -1.19 -0.09	27.78 -1.24 -0.09	27.85 -1.04 -0.09	41.81 -0.91 -11.47	80.09 -1.29 -42.16	57.27 -1.82 -20.37	31.24 -1.78 0.00	29.89 -1.18 0.00	31.09 -0.99 0.00	32.65 -0.94 0.00	34.25 -1.50 0.00	35.92 -1.61 0.00	40.05 -1.70 -0.26	41.83 -1.41 -0.52	51.00 -1.19 -2.59	64.75 -0.42 -4.48	71.85 0.07 -4.31	74.09 -0.74 -1.30	67.89 -0.72 -2.75	63.83 -0.22 -8.20	54.22 -0.75 -8.51	37.35 -1.55 -0.17
MCINTYRE_115KV_TB2 80467	39.34 0.47 0.00	33.19 0.36 0.00	30.03 0.18 0.00	29.22 0.29 0.00	29.05 0.26 0.00	31.74 0.50 0.00	39.97 0.75 0.00	39.57 0.66 -0.20	33.42 0.40 0.00	44.37 0.03 -13.27	31.92 -0.16 0.00	42.64 -0.07 -9.11	41.03 0.39 -4.88	37.91 0.38 0.00	41.79 0.29 0.00	42.75 0.04 0.00	49.56 -0.05 0.00	60.45 -0.24 0.00	67.80 0.34 0.00	74.84 1.32 0.00	67.44 1.58 0.00	57.36 1.51 0.00	47.85 1.39 0.00	39.85 1.12 0.00
MECO____69_KV_BK1 80468	41.25 2.37 0.00	34.80 1.97 0.00	31.64 1.79 0.00	30.70 1.76 0.00	30.58 1.79 0.00	33.18 1.94 0.00	41.26 2.04 0.00	39.84 1.12 0.00	33.39 0.36 0.00	31.28 0.22 0.00	32.08 0.00 0.00	33.66 0.07 0.00	35.65 -0.11 0.00	37.64 0.11 0.00	41.79 0.29 0.00	42.97 0.26 0.00	50.25 0.64 0.00	62.21 1.52 0.00	70.36 2.90 0.00	78.08 4.56 0.00	70.47 4.61 0.00	59.76 3.91 0.00	49.48 3.02 0.00	41.01 2.28 0.00

MENANDS__115KV_TB5 355628	40.12 1.24 0.00	33.97 1.15 0.00	30.95 1.10 0.00	30.00 1.07 0.00	29.86 1.07 0.00	32.21 0.97 0.00	40.28 1.06 0.00	39.80 1.08 0.00	33.65 0.63 0.00	31.81 0.75 0.00	32.75 0.67 0.00	34.27 0.67 0.00	36.22 0.46 0.00	38.24 0.71 0.00	42.28 0.79 0.00	43.48 0.77 0.00	50.65 1.04 0.00	61.96 1.27 0.00	68.88 1.42 0.00	74.99 1.47 0.00	67.31 1.45 0.00	57.19 1.34 0.00	47.58 1.12 0.00	39.69 0.97 0.00
MG INDUSTRY__DRP 24185	40.00 1.13 0.00	33.88 1.05 0.00	30.86 1.01 0.00	29.94 1.01 0.00	29.77 0.98 0.00	32.15 0.91 0.00	40.13 0.90 0.00	39.53 0.81 0.00	33.39 0.36 0.00	31.50 0.43 0.00	32.47 0.38 0.00	33.96 0.37 0.00	35.93 0.18 0.00	37.91 0.38 0.00	41.95 0.46 0.00	43.14 0.43 0.00	50.20 0.60 0.00	61.48 0.79 0.00	68.48 1.01 0.00	74.77 1.25 0.00	67.04 1.19 0.00	57.02 1.17 0.00	47.48 1.02 0.00	39.58 0.85 0.00
MID__OSWEGATCHIE_HYD 23849	39.19 0.31 0.00	33.12 0.30 0.00	30.00 0.15 0.00	29.11 0.17 0.00	28.99 0.20 0.00	31.59 0.34 0.00	39.70 0.47 0.00	39.18 0.35 -0.12	33.13 0.10 0.00	38.99 -0.09 -8.02	31.86 -0.22 0.00	38.97 -0.13 -5.51	38.77 0.07 -2.95	37.53 0.00 0.00	41.79 -0.08 -0.37	42.77 -0.30 -0.36	49.51 -0.50 -0.40	60.60 -0.49 -0.39	68.03 0.20 -0.37	75.27 1.18 -0.57	67.63 1.45 -0.32	57.40 1.34 -0.21	47.84 1.12 -0.26	39.77 0.81 -0.23
MID__RAQUETTE_HYD 23851	38.84 -0.04 0.00	32.73 -0.10 0.00	29.67 -0.18 0.00	28.85 -0.09 0.00	28.68 -0.12 0.00	31.31 0.06 0.00	39.42 0.20 0.00	39.12 0.23 -0.18	33.13 0.10 0.00	42.70 -0.19 -11.82	31.76 -0.32 0.00	41.48 -0.24 -8.12	40.24 0.14 -4.35	37.68 0.15 0.00	41.54 0.04 0.00	42.37 -0.34 0.00	49.01 -0.60 0.00	59.72 -0.97 0.00	66.79 -0.67 0.00	73.45 -0.07 0.00	66.06 0.20 0.00	56.24 0.39 0.00	47.06 0.60 0.00	39.23 0.50 0.00
MILLIKEN__1 23584	39.08 0.19 -0.01	33.09 0.26 0.00	30.06 0.21 -0.01	29.08 0.14 -0.01	29.03 0.23 -0.01	32.47 0.25 -0.97	42.96 0.16 -3.58	39.38 0.04 -0.63	32.93 -0.10 0.00	31.07 0.00 0.00	32.15 0.06 0.00	33.70 0.10 0.00	35.65 -0.11 0.00	37.31 -0.23 0.00	42.12 -0.21 -0.83	43.47 -0.04 -0.80	50.65 0.10 -0.94	62.24 0.61 -0.94	69.44 1.08 -0.89	75.99 1.32 -1.14	67.86 1.25 -0.75	58.09 1.06 -1.17	48.46 0.60 -1.40	39.54 0.31 -0.50
MILLIKEN__2 23585	39.08 0.19 -0.01	33.09 0.26 0.00	30.06 0.21 -0.01	29.08 0.14 -0.01	29.03 0.23 -0.01	32.47 0.25 -0.97	42.96 0.16 -3.58	39.38 0.04 -0.63	32.93 -0.10 0.00	31.07 0.00 0.00	32.15 0.06 0.00	33.70 0.10 0.00	35.65 -0.11 0.00	37.31 -0.23 0.00	42.12 -0.21 -0.83	43.47 -0.04 -0.80	50.65 0.10 -0.94	62.24 0.61 -0.94	69.44 1.08 -0.89	75.99 1.32 -1.14	67.86 1.25 -0.75	58.09 1.06 -1.17	48.46 0.60 -1.40	39.54 0.31 -0.50
MILLIKEN__DIESEL 23629	39.08 0.19 -0.01	33.09 0.26 0.00	30.06 0.21 -0.01	29.08 0.14 -0.01	29.03 0.23 -0.01	32.47 0.25 -0.97	42.96 0.16 -3.58	39.38 0.04 -0.63	32.93 -0.10 0.00	31.07 0.00 0.00	32.15 0.06 0.00	33.70 0.10 0.00	35.65 -0.11 0.00	37.31 -0.23 0.00	42.12 -0.21 -0.83	43.47 -0.04 -0.80	50.65 0.10 -0.94	62.24 0.61 -0.94	69.44 1.08 -0.89	75.99 1.32 -1.14	67.86 1.25 -0.75	58.09 1.06 -1.17	48.46 0.60 -1.40	39.54 0.31 -0.50
MILLSEAT__LFGE 323607	35.16 -3.69 0.02	29.81 -3.02 0.00	26.94 -2.89 0.02	26.05 -2.86 0.02	25.98 -2.79 0.02	26.37 -2.94 1.94	28.60 -3.53 7.09	33.02 -4.03 1.67	30.02 -3.01 0.00	28.98 -2.08 0.00	30.25 -1.83 0.00	31.68 -1.91 0.00	33.07 -2.68 0.00	34.53 -3.00 0.00	38.05 -3.44 0.00	39.31 -3.20 0.19	44.21 -3.82 1.58	53.90 -3.64 3.15	61.12 -3.44 2.91	67.06 -4.19 2.27	58.65 -4.28 2.92	48.19 -3.96 3.69	39.88 -3.72 2.86	35.41 -3.21 0.10
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.13 2.25 0.00	34.63 1.81 0.00	31.52 1.67 0.00	30.49 1.56 0.00	30.32 1.53 0.00	32.74 1.50 0.00	40.87 1.65 0.00	40.73 2.01 0.00	35.07 2.05 0.00	33.36 2.30 0.00	34.52 2.44 0.00	36.05 2.45 0.00	38.01 2.25 0.00	40.20 2.66 0.00	44.53 3.03 0.00	45.92 3.20 0.00	53.28 3.67 0.00	64.70 4.01 0.00	71.51 4.05 0.00	77.12 3.60 0.00	68.62 2.77 0.00	58.20 2.35 0.00	48.55 2.09 0.00	40.31 1.59 0.00
MILLWOOD_13_KV_LOAD 356217	41.21 2.33 0.00	34.70 1.87 0.00	31.55 1.70 0.00	30.55 1.62 0.00	30.38 1.58 0.00	32.81 1.56 0.00	40.99 1.77 0.00	40.81 2.09 0.00	35.11 2.08 0.00	33.40 2.33 0.00	34.58 2.50 0.00	36.11 2.52 0.00	38.08 2.32 0.00	40.27 2.74 0.00	44.61 3.11 0.00	46.00 3.29 0.00	53.43 3.82 0.00	64.94 4.25 0.00	71.71 4.25 0.00	77.42 3.90 0.00	68.76 2.90 0.00	58.36 2.51 0.00	48.69 2.23 0.00	40.39 1.67 0.00
MODEL_CITY_ENERGY 24167	33.88 -4.98 0.02	28.82 -4.01 0.00	26.07 -3.76 0.02	25.21 -3.70 0.02	25.12 -3.66 0.02	25.13 -3.78 2.34	25.96 -4.71 8.55	31.45 -5.15 2.12	28.96 -4.06 0.00	28.08 -2.98 0.00	29.29 -2.79 0.00	30.64 -2.96 0.00	31.93 -3.83 0.00	33.29 -4.24 0.00	36.73 -4.77 0.00	37.98 -4.53 0.20	42.68 -5.26 1.67	51.67 -5.71 3.31	58.46 -5.94 3.07	64.07 -7.13 2.32	55.90 -6.91 3.04	45.72 -6.09 4.04	37.86 -5.39 3.22	34.05 -4.57 0.10
MODERN_LFGE__ 323580	33.88 -4.98 0.02	28.82 -4.01 0.00	26.07 -3.76 0.02	25.21 -3.70 0.02	25.12 -3.66 0.02	25.13 -3.78 2.34	25.96 -4.71 8.55	31.45 -5.15 2.12	28.96 -4.06 0.00	28.08 -2.98 0.00	29.29 -2.79 0.00	30.64 -2.96 0.00	31.93 -3.83 0.00	33.29 -4.24 0.00	36.73 -4.77 0.00	37.98 -4.53 0.20	42.68 -5.26 1.67	51.67 -5.71 3.31	58.46 -5.94 3.07	64.07 -7.13 2.32	55.90 -6.91 3.04	45.72 -6.09 4.04	37.86 -5.39 3.22	34.05 -4.57 0.10
MOHAWK_PAPER__DRP 24187	40.24 1.36 0.00	34.04 1.21 0.00	31.01 1.16 0.00	30.06 1.13 0.00	29.92 1.12 0.00	32.31 1.06 0.00	40.40 1.18 0.00	39.88 1.16 0.00	33.72 0.69 0.00	31.87 0.81 0.00	32.82 0.74 0.00	34.33 0.74 0.00	36.29 0.54 0.00	38.32 0.79 0.00	42.41 0.91 0.00	43.57 0.85 0.00	50.80 1.19 0.00	62.21 1.52 0.00	69.15 1.69 0.00	75.36 1.84 0.00	67.64 1.78 0.00	57.47 1.62 0.00	47.81 1.35 0.00	39.81 1.08 0.00
MOHICAN__35_KV_115KV_LD 80490	41.36 2.49 0.00	34.89 2.07 0.00	31.73 1.88 0.00	30.78 1.85 0.00	30.66 1.87 0.00	33.18 1.94 0.00	41.54 2.31 0.00	40.69 1.97 0.00	34.22 1.19 0.00	32.25 1.18 0.00	33.11 1.03 0.00	34.74 1.14 0.00	36.72 0.97 0.00	38.88 1.35 0.00	43.11 1.62 0.00	43.52 0.81 0.00	50.60 0.99 0.00	62.21 1.52 0.00	69.35 1.89 0.00	76.09 2.57 0.00	68.36 2.50 0.00	58.03 2.18 0.00	48.32 1.86 0.00	40.82 2.09 0.00
MONGAUP__HYD 23641	40.74 1.87 0.00	34.34 1.51 0.00	31.25 1.40 0.00	30.24 1.30 0.00	30.03 1.24 0.00	32.46 1.22 0.00	41.07 1.84 0.00	40.73 2.01 0.00	34.88 1.85 0.00	33.02 1.96 0.00	34.17 2.08 0.00	35.68 2.08 0.00	37.61 1.86 0.00	39.82 2.29 0.00	44.19 2.70 0.00	45.70 2.99 0.00	53.23 3.62 0.00	65.18 4.49 0.00	72.32 4.86 0.00	78.59 5.07 0.00	70.01 4.15 0.00	59.31 3.46 0.00	49.01 2.55 0.00	40.66 1.94 0.00

MONTAUK___DIESEL 23721	54.48 3.15 -12.46	40.81 2.26 -5.72	31.82 1.97 0.00	30.70 1.76 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.46 2.24 0.00	43.78 3.14 -1.93	44.17 2.84 -8.31	44.75 3.14 -10.55	40.48 3.53 -4.87	43.80 3.49 -6.72	45.31 3.22 -6.34	50.61 3.79 -9.28	57.05 4.40 -11.16	60.33 4.78 -12.83	71.87 4.51 -17.75	86.74 5.10 -20.95	89.74 4.86 -17.42	84.74 4.34 -6.89	79.11 2.90 -10.36	73.43 2.51 -15.07	56.35 3.86 -6.04	54.79 3.14 -12.93
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.43 -3.42 0.02	29.87 -2.95 0.00	27.02 -2.81 0.02	26.22 -2.69 0.02	26.29 -2.48 0.02	25.89 -2.44 2.92	25.57 -2.98 10.67	32.55 -3.41 2.76	30.38 -2.64 0.00	29.64 -1.43 0.00	30.89 -1.19 0.00	32.42 -1.18 0.00	33.82 -1.93 0.00	35.47 -2.06 0.00	39.26 -2.24 0.00	40.51 -2.01 0.20	46.19 -1.74 1.69	55.88 -1.46 3.35	63.15 -1.21 3.10	67.40 -3.82 2.30	58.59 -4.08 3.18	48.56 -2.57 4.72	39.60 -2.88 3.98	34.45 -4.18 0.09
MORRIS_RIDGE___SOLAR 323848	36.49 -2.29 0.09	31.05 -1.77 0.00	28.05 -1.70 0.09	27.10 -1.74 0.09	27.12 -1.58 0.09	18.21 -1.56 11.47	-5.00 -2.12 42.11	24.71 -2.79 11.22	30.62 -2.41 0.00	29.33 -1.74 0.00	30.51 -1.57 0.00	32.02 -1.58 0.00	33.57 -2.18 0.00	35.17 -2.36 0.00	38.92 -2.57 0.00	40.24 -2.31 0.17	43.85 -2.38 3.37	51.95 -2.00 6.74	59.43 -1.68 6.35	67.17 -2.79 3.56	56.89 -2.50 6.47	40.35 -1.73 13.77	31.66 -1.86 12.94	36.38 -2.40 -0.05
MORTIMER_115KV_TB3 55949	36.58 -2.29 0.00	30.95 -1.87 0.00	28.02 -1.82 0.00	27.13 -1.79 0.00	26.97 -1.81 0.00	28.50 -2.22 0.53	34.61 -2.67 1.95	35.77 -2.94 0.00	31.24 -1.78 0.00	29.92 -1.15 0.00	31.15 -0.93 0.00	32.65 -0.94 0.00	34.25 -1.50 0.00	35.77 -1.76 0.00	39.42 -2.07 0.00	40.66 -1.88 0.17	45.60 -2.73 1.28	55.67 -2.43 2.59	62.46 -2.63 2.37	69.35 -2.06 2.11	61.24 -2.11 2.51	50.55 -2.79 2.51	42.05 -2.74 1.67	36.87 -1.74 0.11
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.44 2.57 0.00	34.86 2.04 0.00	31.73 1.88 0.00	30.70 1.76 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.37 2.34 0.00	33.71 2.64 0.00	34.87 2.79 0.00	36.38 2.79 0.00	38.36 2.61 0.00	40.57 3.04 0.00	44.94 3.44 0.00	46.39 3.67 0.00	53.89 4.27 -0.02	65.30 4.61 0.00	71.98 4.52 0.00	77.56 4.04 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
MUNSVILLE_WIND_PWR 323609	40.59 1.71 -0.01	34.40 1.58 0.00	31.20 1.34 -0.01	30.21 1.27 -0.01	30.15 1.35 -0.01	33.52 1.56 -0.71	43.61 1.77 -2.61	40.04 1.32 -0.01	33.65 0.63 0.00	31.65 0.59 0.00	32.66 0.58 0.00	34.33 0.74 0.00	36.32 0.57 0.00	38.10 0.56 0.00	42.75 0.70 -0.55	44.17 0.94 -0.52	51.56 1.39 -0.57	63.74 2.55 -0.51	72.13 4.18 -0.48	79.29 5.14 -0.62	70.87 4.68 -0.34	60.37 3.91 -0.62	49.97 2.69 -0.81	40.79 1.74 -0.33
N SALMON___HYD 24042	39.11 0.23 0.00	32.96 0.13 0.00	29.88 0.03 0.00	29.05 0.12 0.00	28.91 0.12 0.00	31.56 0.31 0.00	39.73 0.51 0.00	39.36 0.58 -0.06	33.52 0.50 0.00	35.22 0.25 -3.91	32.24 0.16 0.00	36.54 0.27 -2.68	37.80 0.61 -1.44	38.17 0.64 0.00	42.08 0.58 0.00	43.23 0.51 0.00	50.20 0.60 0.00	61.23 0.54 0.00	68.28 0.81 0.00	74.91 1.39 0.00	67.24 1.39 0.00	57.02 1.17 0.00	47.48 1.02 0.00	39.42 0.70 0.00
N.AKRON__115KV_KNAPP 355671	35.09 -3.77 0.02	29.67 -3.15 0.00	26.88 -2.95 0.02	26.02 -2.89 0.02	25.95 -2.82 0.02	26.24 -3.00 2.00	28.28 -3.61 7.33	32.87 -4.10 1.74	29.92 -3.10 0.00	28.95 -2.11 0.00	30.22 -1.86 0.00	31.65 -1.95 0.00	32.97 -2.79 0.00	34.45 -3.08 0.00	37.97 -3.53 0.00	39.23 -3.29 0.19	44.10 -3.92 1.59	53.64 -3.88 3.16	60.69 -3.85 2.92	66.79 -4.41 2.31	58.42 -4.41 3.03	47.69 -4.19 3.97	39.37 -3.95 3.14	35.33 -3.29 0.10
N.BELMOR_69_KV_BK1 55787	42.14 3.27 0.00	35.22 2.40 0.00	31.97 2.12 0.00	30.84 1.91 0.00	30.69 1.90 0.00	33.15 1.91 0.00	41.50 2.28 0.00	41.58 2.87 0.00	35.74 2.71 0.00	34.05 2.98 0.00	35.39 3.30 0.00	36.95 3.36 0.00	38.94 3.18 0.00	41.21 3.68 0.00	46.21 4.11 -0.61	48.00 4.27 -1.02	53.92 4.32 0.00	65.55 4.86 -0.01	71.86 4.39 -0.01	77.28 3.75 -0.01	68.49 2.63 0.01	58.02 2.18 0.01	49.43 2.97 0.00	41.05 2.32 0.00
N.E_GEN_SANDY PD 24062	40.51 1.63 0.00	34.17 1.35 0.00	31.10 1.25 0.00	30.18 1.24 0.00	30.03 1.24 0.00	32.40 1.16 0.00	40.40 1.18 0.00	40.07 1.35 0.00	34.05 1.02 0.00	32.28 1.21 0.00	33.23 1.15 0.00	34.67 1.07 0.00	36.61 0.86 0.00	38.62 1.09 0.00	42.70 1.20 0.00	43.91 1.19 0.00	51.29 1.69 0.00	62.63 1.94 0.00	69.35 1.89 0.00	75.43 1.91 0.00	67.70 1.84 0.00	57.58 1.73 0.00	47.90 1.44 0.00	40.00 1.28 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.05 2.18 0.00	34.57 1.74 0.00	31.46 1.61 0.00	30.44 1.50 0.00	30.26 1.47 0.00	32.68 1.44 0.00	40.79 1.57 0.00	40.65 1.94 0.00	33.30 2.24 0.00	34.45 2.37 0.00	35.98 2.39 0.00	37.94 2.18 0.00	40.12 2.59 0.00	44.48 2.99 0.00	45.87 3.16 0.00	53.18 3.57 0.00	64.63 3.94 0.00	71.44 3.98 0.00	77.05 3.53 0.00	68.56 2.70 0.00	58.08 2.23 0.00	48.46 2.00 0.00	40.23 1.51 0.00	
N.QUEENS_27_KV_LOAD 356247	41.80 2.92 -0.01	35.07 2.23 -0.01	32.03 2.18 -0.01	30.99 2.05 -0.01	30.79 1.99 -0.01	33.31 2.06 0.00	40.99 1.77 0.00	40.96 2.25 0.00	35.47 2.44 0.00	33.96 2.89 0.00	35.03 2.95 0.00	36.55 2.96 0.00	38.51 2.75 0.00	40.72 3.19 0.00	45.24 3.73 -0.01	46.65 3.93 -0.01	54.19 4.56 -0.02	65.24 4.55 0.00	71.85 4.39 0.00	77.27 3.75 0.00	68.69 2.83 0.00	58.31 2.46 0.00	48.78 2.32 0.00	40.62 1.90 0.00
N.TROY___115KV_TB1 355778	40.39 1.52 0.00	34.11 1.28 0.00	31.04 1.19 0.00	30.12 1.19 0.00	29.97 1.18 0.00	32.40 1.16 0.00	40.48 1.26 0.00	39.92 1.20 0.00	33.79 0.76 0.00	31.94 0.87 0.00	32.88 0.80 0.00	34.33 0.74 0.00	36.33 0.57 0.00	38.32 0.79 0.00	42.37 0.87 0.00	43.48 0.77 0.00	50.75 1.14 0.00	62.21 1.52 0.00	69.15 1.69 0.00	75.36 1.84 0.00	67.70 1.84 0.00	57.58 1.73 0.00	47.85 1.39 0.00	39.96 1.24 0.00
NARROWS_GT1_1 24228	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NARROWS_GT1_2 24229	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00

NARROWS_GT1_3 24230	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NARROWS_GT1_4 24231	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NARROWS_GT1_5 24232	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NARROWS_GT1_6 24233	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NARROWS_GT1_7 24234	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NARROWS_GT1_8 24235	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NARROWS_GT2_1 24236	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NARROWS_GT2_2 24237	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NARROWS_GT2_3 24238	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NARROWS_GT2_4 24239	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NARROWS_GT2_5 24240	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NARROWS_GT2_6 24241	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NARROWS_GT2_7 24242	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NARROWS_GT2_8 24243	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.75 2.90 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.43 1.55 0.00	34.30 1.48 0.00	31.25 1.40 0.00	30.29 1.36 0.00	30.09 1.30 0.00	32.46 1.22 0.00	40.56 1.33 0.00	39.88 1.16 0.00	33.52 0.50 0.00	31.50 0.43 0.00	32.47 0.38 0.00	33.96 0.37 0.00	35.90 0.14 0.00	37.94 0.41 0.00	42.08 0.58 0.00	43.35 0.64 0.00	50.65 1.04 0.00	62.33 1.64 0.00	69.62 2.16 0.00	76.17 2.65 0.00	68.36 2.50 0.00	58.08 2.23 0.00	48.09 1.63 0.00	40.00 1.28 0.00



NCHELSEA_115KV_TR2 355582	41.13 2.25 0.00	34.66 1.84 0.00	31.55 1.70 0.00	30.55 1.62 0.00	30.35 1.55 0.00	32.77 1.53 0.00	40.95 1.73 0.00	40.73 2.01 0.00	34.94 1.92 0.00	33.12 2.05 0.00	34.29 2.21 0.00	35.81 2.22 0.00	37.76 2.00 0.00	39.97 2.44 0.00	44.32 2.82 0.00	45.74 3.03 0.00	53.23 3.62 0.00	64.94 4.25 0.00	71.85 4.39 0.00	77.64 4.12 0.00	69.15 3.29 0.00	58.64 2.79 0.00	48.74 2.28 0.00	40.43 1.70 0.00
NEG CAPITAL___MECHNVIL 23645	40.86 1.98 0.00	34.47 1.64 0.00	31.37 1.52 0.00	30.44 1.50 0.00	30.29 1.50 0.00	32.77 1.53 0.00	40.95 1.72 0.00	40.27 1.55 0.00	34.02 0.99 0.00	32.09 1.02 0.00	33.01 0.93 0.00	34.57 0.97 0.00	36.54 0.79 0.00	38.62 1.09 0.00	42.78 1.29 0.00	43.74 1.02 0.00	51.05 1.44 0.00	62.69 2.00 0.00	69.82 2.36 0.00	76.38 2.86 0.00	68.62 2.77 0.00	58.25 2.40 0.00	48.41 1.95 0.00	40.51 1.78 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.30 -2.57 0.00	30.76 -2.07 0.00	27.84 -2.00 0.00	26.93 -2.00 0.00	26.83 -1.96 0.00	28.43 -2.34 0.47	34.63 -2.86 1.73	35.65 -3.06 0.00	31.01 -2.02 0.00	29.54 -1.52 0.00	30.76 -1.32 0.00	32.25 -1.34 0.00	33.93 -1.82 0.00	35.39 -2.14 0.00	39.05 -2.45 0.00	40.29 -2.27 0.15	45.32 -3.12 1.17	55.48 -2.85 2.36	62.53 -2.77 2.16	68.88 -2.72 1.92	60.95 -2.64 2.27	50.51 -3.13 2.22	42.08 -2.93 1.45	36.57 -2.05 0.10
NEG CENTRAL___DRP 24199	38.78 -0.12 -0.02	32.86 0.03 0.00	29.80 -0.06 -0.02	28.83 -0.12 -0.02	28.81 0.00 -0.02	33.40 0.09 -2.06	46.76 -0.04 -7.57	41.29 -0.15 -2.73	32.73 -0.30 0.00	31.18 -0.12 -0.24	32.11 0.03 0.00	33.86 0.10 -0.16	35.66 -0.18 -0.09	37.23 -0.30 0.00	42.33 -0.25 -1.08	43.71 -0.09 -1.08	51.41 0.15 -1.66	63.57 0.79 -2.09	70.71 1.28 -1.96	76.84 1.25 -2.07	68.84 1.19 -1.80	59.68 1.06 -2.77	49.79 0.46 -2.87	39.40 0.00 -0.67
NEG CENTRAL___INDECK 23768	37.82 -1.13 -0.08	31.94 -0.88 0.00	28.97 -0.96 -0.08	27.99 -1.01 -0.08	28.01 -0.86 -0.08	39.70 -0.91 -9.36	72.48 -1.14 -34.40	50.08 -1.74 -13.10	31.61 -1.42 0.00	30.10 -0.96 0.00	31.25 -0.83 0.00	32.79 -0.81 0.00	34.43 -1.32 0.00	35.99 -1.54 0.00	39.88 -1.62 0.00	41.52 -1.28 -0.09	49.55 -1.49 -1.43	62.80 -0.49 -2.60	70.55 0.54 -2.55	74.72 0.89 -0.31	68.60 0.79 -1.95	63.73 0.28 -7.60	54.09 -0.42 -8.05	38.02 -0.62 0.08
NEG CENTRAL___SENECA 23627	39.06 0.16 -0.03	33.09 0.26 0.00	29.99 0.12 -0.03	29.02 0.06 -0.03	29.05 0.23 -0.03	34.99 0.41 -3.34	51.80 0.31 -12.26	43.28 0.15 -4.41	32.86 -0.17 0.00	31.10 0.03 0.00	32.27 0.19 0.00	33.90 0.30 0.00	35.75 0.00 0.00	37.49 -0.04 0.00	42.45 0.04 -0.91	43.87 0.26 -0.90	51.90 0.74 -1.55	64.42 1.70 -2.03	71.82 2.43 -1.93	77.39 2.21 -1.67	69.63 2.04 -1.73	61.48 2.01 -3.62	51.40 1.12 -3.83	39.57 0.31 -0.54
NEG CENTRAL___STATE_STREET 24147	38.57 -0.31 -0.01	32.66 -0.16 0.00	29.64 -0.21 -0.01	28.68 -0.26 -0.01	28.63 -0.17 -0.01	31.69 -0.22 -0.66	41.27 -0.39 -2.44	39.08 -0.46 -0.83	32.63 -0.40 0.00	31.06 -0.25 -0.24	31.92 -0.16 0.00	33.70 -0.07 -0.17	35.52 -0.32 -0.09	37.01 -0.53 0.00	42.08 -0.54 -1.12	43.43 -0.38 -1.10	50.53 -0.45 -1.37	62.12 -0.06 -1.49	69.06 0.20 -1.40	75.81 0.44 -1.85	67.50 0.40 -1.25	57.41 0.22 -1.34	47.79 -0.14 -1.47	39.19 -0.23 -0.70
NEG MILLWOOD___DRP 24198	41.32 2.45 0.00	34.80 1.97 0.00	31.64 1.79 0.00	30.67 1.74 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.19 1.96 0.00	40.92 2.21 0.00	35.11 2.08 0.00	33.30 2.24 0.00	34.52 2.44 0.00	36.05 2.45 0.00	38.08 2.32 0.00	40.31 2.78 0.00	44.69 3.20 0.00	46.09 3.37 0.00	53.57 3.97 0.00	65.36 4.67 0.00	72.32 4.86 0.00	78.08 4.56 0.00	69.35 3.49 0.00	58.81 2.96 0.00	48.97 2.51 0.00	40.58 1.86 0.00
NEG NORTH_FLCN_SEA 23793	39.15 0.27 0.00	32.99 0.16 0.00	29.94 0.09 0.00	29.11 0.17 0.00	28.97 0.17 0.00	31.59 0.34 0.00	39.81 0.59 0.00	39.34 0.62 0.00	33.52 0.50 0.00	31.35 0.28 0.00	32.31 0.22 0.00	33.90 0.30 0.00	36.40 0.64 0.00	38.21 0.68 0.00	42.12 0.62 0.00	43.35 0.64 0.00	50.40 0.79 0.00	61.42 0.73 0.00	68.41 0.94 0.00	74.77 1.25 0.00	67.04 1.19 0.00	56.85 1.01 0.00	47.34 0.88 0.00	39.42 0.70 0.00
NEG NORTH_KES_CHATEGAY 23792	38.76 -0.12 0.00	32.69 -0.13 0.00	29.67 -0.18 0.00	28.85 -0.09 0.00	28.68 -0.12 0.00	31.31 0.06 0.00	39.42 0.20 0.00	38.93 0.19 -0.02	33.19 0.17 0.00	32.24 -0.06 -1.24	31.92 -0.16 0.00	34.35 -0.10 -0.85	36.42 0.21 -0.46	37.76 0.23 0.00	41.70 0.21 0.00	42.88 0.17 0.00	49.85 0.25 0.00	60.81 0.12 0.00	67.80 0.34 0.00	74.18 0.66 0.00	66.52 0.66 0.00	56.41 0.56 0.00	46.97 0.51 0.00	39.15 0.43 0.00
NEG NORTH___ALICE_FALLS 23915	39.22 0.35 0.00	33.06 0.23 0.00	29.97 0.12 0.00	29.16 0.23 0.00	28.99 0.20 0.00	31.62 0.37 0.00	39.85 0.63 0.00	39.38 0.66 -0.01	33.65 0.63 0.00	32.19 0.34 -0.78	32.34 0.26 0.00	34.50 0.37 -0.54	36.79 0.75 -0.29	38.32 0.79 0.00	42.20 0.71 0.00	43.48 0.77 0.00	50.60 0.99 0.00	61.84 1.15 0.00	68.95 1.48 0.00	75.80 2.28 0.00	68.03 2.17 0.00	57.64 1.79 0.00	47.85 1.39 0.00	39.85 1.12 0.00
NEG NORTH___LWR_SARANAC 23913	39.22 0.35 0.00	33.06 0.23 0.00	29.97 0.12 0.00	29.16 0.23 0.00	28.99 0.20 0.00	31.62 0.37 0.00	39.85 0.63 0.00	39.38 0.66 -0.01	33.65 0.63 0.00	32.19 0.34 -0.78	32.34 0.26 0.00	34.50 0.37 -0.54	36.79 0.75 -0.29	38.32 0.79 0.00	42.20 0.71 0.00	43.48 0.77 0.00	50.60 0.99 0.00	61.84 1.15 0.00	68.95 1.48 0.00	75.80 2.28 0.00	68.03 2.17 0.00	57.64 1.79 0.00	47.85 1.39 0.00	39.85 1.12 0.00
NEG NORTH___PLATTSBURG 23628	39.22 0.35 0.00	33.06 0.23 0.00	29.97 0.12 0.00	29.16 0.23 0.00	29.00 0.20 0.00	31.62 0.38 0.00	39.85 0.63 0.00	39.38 0.66 -0.01	33.65 0.63 0.00	32.19 0.34 -0.78	32.34 0.26 0.00	34.50 0.37 -0.54	36.79 0.75 -0.29	38.32 0.79 0.00	42.20 0.70 0.00	43.48 0.77 0.00	50.60 0.99 0.00	61.84 1.15 0.00	68.95 1.48 0.00	75.80 2.28 0.00	68.03 2.17 0.00	57.64 1.79 0.00	47.85 1.39 0.00	39.69 0.97 0.00
NEG WEST_LEA_LOCKPORT 23791	34.31 -4.55 0.02	29.08 -3.74 0.00	26.36 -3.46 0.02	25.53 -3.39 0.02	25.40 -3.37 0.02	25.31 -3.56 2.37	26.10 -4.43 8.69	31.70 -4.88 2.14	29.29 -3.73 0.00	28.46 -2.61 0.00	29.67 -2.41 0.00	31.04 -2.55 0.00	32.29 -3.47 0.00	33.74 -3.79 0.00	37.22 -4.27 0.00	38.50 -4.01 0.20	43.13 -4.81 1.67	52.28 -5.10 3.31	59.07 -5.33 3.06	64.90 -6.25 2.37	56.71 -5.99 3.15	46.04 -5.47 4.33	37.98 -4.97 3.51	34.52 -4.10 0.10
NEG WEST___LANCASTR 23811	35.24 -3.62 0.02	29.81 -3.02 0.00	27.08 -2.75 0.02	26.19 -2.72 0.02	26.58 -2.19 0.02	26.76 -1.72 2.77	26.99 -2.12 10.11	33.59 -2.52 2.61	30.02 -3.01 0.00	29.20 -1.86 0.00	30.38 -1.70 0.00	31.81 -1.78 0.00	33.18 -2.57 0.00	34.75 -2.78 0.00	38.43 -3.07 0.00	39.61 -2.90 0.20	46.33 -1.64 1.64	55.59 -1.82 3.28	62.95 -1.48 3.03	64.41 -6.84 2.27	56.01 -6.72 3.13	49.28 -2.01 4.56	40.69 -1.95 3.82	33.68 -4.96 0.09

NEG_PENN_ALLEGHNY 23528	38.84 -0.04 0.00	32.86 0.03 0.00	29.88 0.03 0.00	28.91 -0.03 0.00	28.85 0.06 0.00	31.80 0.06 -0.50	40.98 -0.08 -1.84	38.61 -0.12 -0.01	32.86 -0.16 0.00	31.13 0.06 0.00	32.24 0.16 0.00	33.80 0.20 0.00	35.72 -0.04 0.00	37.46 -0.07 0.00	41.99 -0.04 -0.53	43.29 0.09 -0.50	50.38 0.30 -0.47	61.63 0.61 -0.33	68.53 0.74 -0.32	74.48 0.44 -0.51	66.38 0.33 -0.20	56.73 0.50 -0.38	47.30 0.23 -0.60	38.92 -0.12 -0.31
NEG___GEN_MONROE 24207	36.42 -2.45 0.00	30.79 -2.04 0.00	27.87 -1.97 0.00	26.96 -1.97 0.00	26.83 -1.96 0.00	28.35 -2.28 0.61	34.28 -2.71 2.24	35.66 -3.06 0.00	31.05 -1.98 0.00	29.76 -1.30 0.00	30.99 -1.09 0.00	32.49 -1.11 0.00	34.04 -1.72 0.00	35.54 -1.99 0.00	39.17 -2.32 0.00	40.41 -2.14 0.17	45.38 -2.93 1.29	55.40 -2.67 2.62	62.30 -2.77 2.40	69.19 -2.21 2.12	60.95 -2.37 2.54	50.42 -2.85 2.59	41.92 -2.79 1.75	36.80 -1.82 0.11
NEPA___ENERGY 23901	35.39 -3.46 0.02	29.97 -2.86 0.00	27.17 -2.66 0.02	26.28 -2.63 0.02	26.32 -2.45 0.02	25.97 -2.41 2.87	25.70 -3.02 10.50	32.63 -3.37 2.72	30.32 -2.71 0.00	29.51 -1.55 0.00	30.73 -1.35 0.00	32.15 -1.44 0.00	33.54 -2.22 0.00	35.05 -2.48 0.00	38.80 -2.70 0.00	40.04 -2.48 0.20	45.55 -2.38 1.68	55.11 -2.25 3.33	62.22 -2.16 3.08	66.67 -4.56 2.29	58.08 -4.61 3.17	48.16 -3.02 4.68	39.56 -2.97 3.93	34.84 -3.79 0.09
NEVERSINK___HYD 23608	40.70 1.83 0.00	34.30 1.48 0.00	31.19 1.34 0.00	30.18 1.24 0.00	29.97 1.18 0.00	32.40 1.16 0.00	40.40 1.18 0.00	40.11 1.39 0.00	34.41 1.39 0.00	32.59 1.52 0.00	33.72 1.64 0.00	35.24 1.65 0.00	37.19 1.43 0.00	39.30 1.76 0.00	43.57 2.07 0.00	45.02 2.30 0.00	52.33 2.73 0.00	63.96 3.28 0.00	70.90 3.44 0.00	76.90 3.38 0.00	68.56 2.70 0.00	58.14 2.29 0.00	48.18 1.72 0.00	40.00 1.28 0.00
NEWKRMKL_115KV_TB1 55635	39.81 0.93 0.00	33.78 0.95 0.00	30.80 0.96 0.00	29.89 0.95 0.00	29.71 0.92 0.00	32.06 0.81 0.00	40.09 0.86 0.00	39.61 0.89 0.00	33.42 0.40 0.00	31.56 0.50 0.00	32.53 0.45 0.00	34.03 0.44 0.00	35.97 0.21 0.00	37.98 0.45 0.00	42.04 0.54 0.00	43.22 0.51 0.00	50.25 0.64 0.00	61.48 0.79 0.00	68.34 0.88 0.00	74.48 0.96 0.00	66.78 0.92 0.00	56.74 0.89 0.00	47.20 0.74 0.00	39.38 0.66 0.00
NEWTON___FALLS_HYD 23847	39.19 0.31 0.00	33.12 0.30 0.00	30.00 0.15 0.00	29.11 0.17 0.00	28.99 0.20 0.00	31.59 0.34 0.00	39.70 0.47 0.00	39.18 0.35 -0.12	33.13 0.10 0.00	38.99 -0.09 -8.02	31.86 -0.22 0.00	38.97 -0.13 -5.51	38.77 0.07 -2.95	37.53 0.00 0.00	41.79 -0.08 -0.37	42.77 -0.30 -0.36	49.51 -0.50 -0.40	60.60 -0.49 -0.39	68.03 0.20 -0.37	75.27 1.18 -0.57	67.63 1.45 -0.32	57.40 1.34 -0.21	47.84 1.12 -0.26	39.77 0.81 -0.23
NGRID_A1_DSASP 323792	33.92 -4.94 0.02	28.95 -3.87 0.00	26.07 -3.76 0.02	25.21 -3.70 0.02	25.06 -3.71 0.02	24.82 -4.03 2.39	25.42 -5.06 8.74	31.08 -5.46 2.18	29.03 -4.00 0.00	28.21 -2.86 0.00	29.42 -2.66 0.00	30.77 -2.82 0.00	31.96 -3.79 0.00	33.40 -4.13 0.00	36.81 -4.69 0.00	38.07 -4.44 0.20	42.23 -5.70 1.67	52.02 -5.34 3.33	57.97 -6.41 3.08	64.01 -7.13 2.38	55.90 -6.78 3.18	45.18 -6.31 4.36	37.63 -5.30 3.54	34.36 -4.26 0.10
NGRID_A2_DSASP 323793	33.92 -4.94 0.02	28.95 -3.87 0.00	26.07 -3.76 0.02	25.21 -3.70 0.02	25.06 -3.71 0.02	24.82 -4.03 2.39	25.42 -5.06 8.74	31.08 -5.46 2.18	29.03 -4.00 0.00	28.21 -2.86 0.00	29.42 -2.66 0.00	30.77 -2.82 0.00	31.96 -3.79 0.00	33.40 -4.13 0.00	36.81 -4.69 0.00	38.07 -4.44 0.20	42.23 -5.70 1.67	52.02 -5.34 3.33	57.97 -6.41 3.08	64.01 -7.13 2.38	55.90 -6.78 3.18	45.18 -6.31 4.36	37.63 -5.30 3.54	34.36 -4.26 0.10
NGRID_A4_DSASP 323807	33.92 -4.94 0.02	28.95 -3.87 0.00	26.07 -3.76 0.02	25.21 -3.70 0.02	25.06 -3.71 0.02	24.82 -4.03 2.39	25.42 -5.06 8.74	31.08 -5.46 2.18	29.03 -4.00 0.00	28.21 -2.86 0.00	29.42 -2.66 0.00	30.77 -2.82 0.00	31.96 -3.79 0.00	33.40 -4.13 0.00	36.81 -4.69 0.00	38.07 -4.44 0.20	42.23 -5.70 1.67	52.02 -5.34 3.33	57.97 -6.41 3.08	64.01 -7.13 2.38	55.90 -6.78 3.18	45.18 -6.31 4.36	37.63 -5.30 3.54	34.36 -4.26 0.10
NIAGARA_115E_LBMP 323715	33.65 -5.21 0.02	28.66 -4.17 0.00	25.92 -3.91 0.02	25.04 -3.88 0.02	24.94 -3.83 0.02	24.95 -3.91 2.39	25.62 -4.87 8.74	31.24 -5.30 2.18	28.77 -4.26 0.00	27.93 -3.14 0.00	29.10 -2.98 0.00	30.44 -3.16 0.00	31.68 -4.08 0.00	33.06 -4.47 0.00	36.47 -5.02 0.00	37.68 -4.83 0.20	42.37 -5.55 1.68	51.23 -6.13 3.34	57.96 -6.41 3.09	63.48 -7.72 2.32	55.36 -7.44 3.06	45.28 -6.48 4.09	37.53 -5.67 3.26	33.82 -4.80 0.10
NIAGARA_115W_LBMP 323714	33.88 -4.98 0.02	28.75 -4.07 0.00	26.04 -3.79 0.02	25.15 -3.76 0.02	25.03 -3.74 0.02	24.79 -4.06 2.39	25.39 -5.10 8.74	31.04 -5.50 2.18	29.03 -4.00 0.00	28.18 -2.89 0.00	29.39 -2.69 0.00	30.71 -2.89 0.00	31.96 -3.79 0.00	33.33 -4.20 0.00	36.76 -4.73 0.00	38.03 -4.48 0.20	42.17 -5.75 1.68	52.19 -5.16 3.34	58.23 -6.14 3.09	63.98 -7.20 2.34	55.87 -6.91 3.08	45.39 -6.37 4.09	37.95 -5.25 3.26	34.29 -4.34 0.10
NIAGARA_230_LBMP 323716	34.27 -4.59 0.02	29.12 -3.71 0.00	26.37 -3.46 0.02	25.47 -3.44 0.02	25.38 -3.40 0.02	25.00 -3.88 2.37	25.68 -4.83 8.72	31.33 -5.23 2.16	29.39 -3.63 0.00	28.49 -2.58 0.00	29.71 -2.37 0.00	31.04 -2.55 0.00	32.32 -3.43 0.00	33.70 -3.83 0.00	37.18 -4.32 0.00	38.41 -4.10 0.20	42.73 -5.21 1.66	52.22 -5.16 3.32	58.99 -5.40 3.07	64.71 -6.47 2.34	56.60 -6.19 3.06	45.86 -5.92 4.07	38.06 -5.16 3.24	34.56 -4.07 0.10
NIAGARA___115KV_198_GIBSON 55903	33.84 -5.01 0.02	28.92 -3.91 0.00	26.04 -3.79 0.02	25.18 -3.73 0.02	25.03 -3.74 0.02	24.79 -4.06 2.39	25.39 -5.10 8.74	31.04 -5.50 2.18	29.00 -4.03 0.00	28.18 -2.89 0.00	29.39 -2.69 0.00	30.71 -2.89 0.00	31.93 -3.83 0.00	33.33 -4.20 0.00	36.77 -4.73 0.00	37.98 -4.53 0.20	42.13 -5.80 1.67	52.02 -5.34 3.33	57.91 -6.48 3.08	63.93 -7.20 2.38	55.77 -6.92 3.18	45.07 -6.42 4.35	37.59 -5.34 3.53	34.33 -4.30 0.10
NIAGARA____ 23760	34.27 -4.59 0.02	29.12 -3.71 0.00	26.36 -3.46 0.02	25.47 -3.44 0.02	25.37 -3.40 0.02	25.00 -3.88 2.37	25.68 -4.83 8.72	31.33 -5.23 2.16	29.39 -3.63 0.00	28.49 -2.58 0.00	29.71 -2.37 0.00	31.04 -2.55 0.00	32.32 -3.43 0.00	33.70 -3.83 0.00	37.18 -4.32 0.00	38.41 -4.10 0.20	42.73 -5.21 1.67	52.21 -5.16 3.32	58.99 -5.40 3.08	64.71 -6.47 2.33	56.60 -6.19 3.07	45.85 -5.92 4.08	38.05 -5.16 3.25	34.56 -4.07 0.10
NINE_MILE_1 23575	37.59 -1.28 0.00	31.84 -0.98 0.00	28.92 -0.93 0.00	28.01 -0.93 0.00	27.90 -0.89 0.00	30.21 -1.03 0.00	37.89 -1.33 0.00	37.36 -1.36 0.00	31.94 -1.09 0.00	30.16 -0.90 0.00	31.22 -0.86 0.00	32.69 -0.91 0.00	34.61 -1.15 0.00	36.07 -1.46 0.00	32.91 -1.62 6.97	33.24 -1.62 7.85	32.26 -1.94 15.41	35.12 -2.18 23.39	43.71 -2.29 21.46	46.71 -2.42 24.38	42.01 -2.17 21.68	36.54 -1.96 17.35	32.17 -1.72 12.58	32.22 -1.39 5.11

NINE_MILE_2 23744	37.59 -1.28 0.00	31.84 -0.98 0.00	28.92 -0.93 0.00	28.03 -0.90 0.00	27.90 -0.89 0.00	30.21 -1.03 0.00	37.89 -1.33 0.00	37.36 -1.36 0.00	31.94 -1.09 0.00	30.16 -0.90 0.00	31.22 -0.86 0.00	32.69 -0.91 0.00	34.61 -1.15 0.00	36.07 -1.46 0.00	32.81 -1.62 7.07	33.12 -1.62 7.96	32.05 -1.94 15.62	34.80 -2.18 23.71	43.42 -2.29 21.75	46.37 -2.42 24.72	41.71 -2.17 21.97	36.31 -1.96 17.58	31.99 -1.72 12.75	32.14 -1.39 5.19
NM_CAPITAL___DRP 24208	39.81 0.93 0.00	33.78 0.95 0.00	30.80 0.96 0.00	29.86 0.93 0.00	29.69 0.89 0.00	32.06 0.81 0.00	40.05 0.82 0.00	39.57 0.85 0.00	33.42 0.40 0.00	31.59 0.53 0.00	32.53 0.45 0.00	34.03 0.44 0.00	35.97 0.21 0.00	37.94 0.41 0.00	41.99 0.50 0.00	43.18 0.47 0.00	50.25 0.64 0.00	61.42 0.73 0.00	68.27 0.81 0.00	74.33 0.81 0.00	66.65 0.79 0.00	56.63 0.78 0.00	47.16 0.70 0.00	39.34 0.62 0.00
NM_CENTRAL___DRP 24181	38.18 -0.70 0.00	32.37 -0.46 0.00	29.37 -0.48 0.00	28.44 -0.49 0.00	28.33 -0.46 0.00	30.71 -0.53 0.00	38.48 -0.75 0.00	37.95 -0.77 -0.01	32.43 -0.59 0.00	30.99 -0.43 -0.35	31.73 -0.35 0.00	33.54 -0.30 -0.24	35.31 -0.57 -0.13	36.74 -0.79 0.00	41.32 -0.87 -0.69	42.55 -0.77 -0.61	48.98 -0.94 -0.32	59.69 -0.85 0.15	66.46 -0.88 0.12	73.02 -0.81 -0.31	64.87 -0.72 0.26	54.73 -0.78 0.33	45.69 -0.84 -0.06	38.42 -0.70 -0.39
NM_FRONTIER___DRP 24179	33.84 -5.01 0.02	28.92 -3.91 0.00	26.04 -3.79 0.02	25.18 -3.73 0.02	25.03 -3.74 0.02	24.79 -4.06 2.39	25.39 -5.10 8.74	31.04 -5.50 2.18	29.00 -4.03 0.00	28.18 -2.89 0.00	29.39 -2.69 0.00	30.71 -2.89 0.00	31.93 -3.83 0.00	33.33 -4.20 0.00	36.77 -4.73 0.00	37.98 -4.53 0.20	42.13 -5.80 1.67	52.02 -5.34 3.33	57.91 -6.48 3.08	63.93 -7.20 2.38	55.77 -6.92 3.18	45.07 -6.42 4.35	37.59 -5.34 3.53	34.33 -4.30 0.10
NM_ST_REGIS___HYD 24053	38.95 0.08 0.00	32.83 0.00 0.00	29.73 -0.12 0.00	28.93 0.00 0.00	28.76 -0.03 0.00	31.40 0.16 0.00	39.54 0.31 0.00	39.22 0.35 -0.15	33.26 0.23 0.00	41.23 -0.03 -10.19	31.89 -0.19 0.00	40.53 -0.07 -7.00	39.79 0.29 -3.75	37.83 0.30 0.00	41.70 0.21 0.00	42.63 -0.09 0.00	49.36 -0.25 0.00	60.14 -0.55 0.00	67.19 -0.27 0.00	73.89 0.37 0.00	66.45 0.59 0.00	56.52 0.67 0.00	47.25 0.79 0.00	39.34 0.62 0.00
NORTHPORT___1 23551	42.10 3.22 0.00	35.06 2.23 0.00	31.79 1.94 0.00	30.70 1.77 0.00	30.55 1.76 0.00	32.99 1.75 0.00	41.38 2.16 0.00	41.51 2.79 0.00	35.57 2.54 0.00	33.92 2.86 0.00	35.30 3.21 -0.01	36.80 3.19 -0.01	38.69 2.93 0.00	40.95 3.41 -0.01	45.92 3.82 -0.61	47.79 4.06 -1.02	52.88 3.27 0.00	64.02 3.34 0.01	70.09 2.63 0.01	75.57 2.06 0.01	66.90 1.05 0.01	56.79 0.95 0.01	48.97 2.51 0.00	40.89 2.17 0.00
NORTHPORT___2 23552	42.10 3.22 0.00	35.06 2.23 0.00	31.79 1.94 0.00	30.70 1.77 0.00	30.55 1.76 0.00	32.99 1.75 0.00	41.38 2.16 0.00	41.51 2.79 0.00	35.57 2.54 0.00	33.92 2.86 0.00	35.30 3.21 -0.01	36.80 3.19 -0.01	38.69 2.93 0.00	40.95 3.41 -0.01	45.92 3.82 -0.61	47.79 4.06 -1.02	52.88 3.27 0.00	64.02 3.34 0.01	70.09 2.63 0.01	75.57 2.06 0.01	66.90 1.05 0.01	56.79 0.95 0.01	48.97 2.51 0.00	40.89 2.17 0.00
NORTHPORT___3 23553	41.52 3.15 0.50	34.80 2.20 0.23	31.76 1.91 0.00	30.67 1.74 0.00	30.52 1.73 0.00	32.93 1.69 0.00	41.34 2.12 0.00	41.35 2.71 0.08	35.20 2.51 0.33	33.47 2.83 0.42	35.04 3.15 0.19	36.46 3.12 0.26	38.39 2.89 0.25	40.55 3.38 0.36	45.45 3.78 -0.18	47.27 4.01 -0.55	52.07 3.18 0.71	63.06 3.21 0.85	69.18 2.43 0.71	75.08 1.84 0.28	66.29 0.85 0.42	56.02 0.78 0.61	48.63 2.41 0.24	40.33 2.13 0.52
NORTHPORT___4 23650	41.52 3.15 0.50	34.80 2.20 0.23	31.76 1.91 0.00	30.67 1.74 0.00	30.52 1.73 0.00	32.93 1.69 0.00	41.34 2.12 0.00	41.35 2.71 0.08	35.20 2.51 0.33	33.47 2.83 0.42	35.04 3.15 0.19	36.46 3.12 0.26	38.39 2.89 0.25	40.55 3.38 0.36	45.45 3.78 -0.18	47.27 4.01 -0.55	52.07 3.18 0.71	63.06 3.21 0.85	69.18 2.43 0.71	75.08 1.84 0.28	66.29 0.85 0.42	56.02 0.78 0.61	48.63 2.41 0.24	40.33 2.13 0.52
NORTHPORT___IC 23718	41.95 3.07 0.00	35.06 2.23 0.00	31.82 1.97 0.00	30.70 1.76 0.00	30.55 1.76 0.00	32.99 1.75 0.00	41.34 2.12 0.00	41.50 2.79 0.00	35.60 2.58 0.00	33.92 2.86 0.00	35.29 3.21 0.00	36.79 3.19 0.00	38.69 2.93 0.00	40.95 3.42 0.00	45.92 3.82 -0.61	47.79 4.06 -1.02	52.93 3.32 0.00	64.08 3.40 0.01	70.29 2.83 0.01	75.57 2.06 0.01	66.97 1.12 0.01	56.79 0.95 0.01	49.15 2.69 0.00	40.89 2.17 0.00
NORTH___COUNTRY_ESR 323785	38.68 -0.19 0.00	32.63 -0.20 0.00	29.61 -0.24 0.00	28.79 -0.14 0.00	28.65 -0.14 0.00	31.24 0.00 0.00	39.38 0.16 0.00	38.93 0.19 -0.02	33.19 0.17 0.00	32.29 -0.03 -1.25	31.95 -0.13 0.00	34.39 -0.07 -0.86	36.47 0.25 -0.46	37.83 0.30 0.00	41.75 0.25 0.00	42.93 0.21 0.00	49.91 0.30 0.00	60.81 0.12 0.00	67.67 0.20 0.00	73.96 0.44 0.00	66.32 0.46 0.00	56.24 0.39 0.00	46.83 0.37 0.00	38.96 0.23 0.00
NPX_GEN_1385_PROXY 323591	42.45 3.57 0.00	35.06 2.23 0.00	31.79 1.94 0.00	30.79 1.85 0.00	30.64 1.84 0.00	33.05 1.81 0.00	41.74 2.51 0.00	41.85 3.13 0.00	35.67 2.64 0.00	33.99 2.92 0.00	35.36 3.27 -0.01	36.56 2.96 -0.01	38.26 2.50 0.00	40.50 2.96 -0.01	45.34 3.24 -0.61	47.32 3.59 -1.02	52.63 3.03 0.00	63.60 2.91 0.01	70.09 2.63 0.01	75.57 2.06 0.01	66.90 1.05 0.01	57.29 1.45 0.01	49.01 2.55 0.00	40.89 2.17 0.00
NPX_GEN_CSC 323557	55.00 3.70 -12.43	41.26 2.72 -5.71	32.20 2.36 0.00	31.07 2.14 0.00	30.95 2.16 0.00	33.40 2.15 0.00	41.89 2.67 0.00	43.93 3.29 -1.92	44.32 3.01 -8.29	44.88 3.29 -10.52	40.57 3.62 -4.86	43.90 3.60 -6.71	45.48 3.40 -6.33	50.67 3.87 -9.27	56.82 4.19 -11.13	60.00 4.48 -12.80	71.08 3.77 -17.71	85.66 4.07 -20.90	88.48 3.64 -17.38	83.55 3.16 -6.87	77.97 1.78 -10.33	72.56 1.67 -15.04	55.50 3.02 -6.02	54.33 2.71 -12.90
NSINS_S_GLNS_FALLS 23858	41.32 2.45 0.00	34.86 2.04 0.00	31.70 1.85 0.00	30.78 1.85 0.00	30.64 1.84 0.00	33.18 1.94 0.00	41.54 2.31 0.00	40.69 1.97 0.00	34.25 1.22 0.00	32.25 1.18 0.00	33.14 1.06 0.00	34.77 1.18 0.00	36.72 0.97 0.00	38.92 1.39 0.00	43.16 1.66 0.00	43.48 0.77 0.00	50.50 0.89 0.00	62.09 1.40 0.00	69.15 1.69 0.00	75.87 2.35 0.00	68.16 2.31 0.00	57.86 2.01 0.00	48.23 1.77 0.00	40.82 2.09 0.00
NUCOR_STEEL___DRP 24197	38.57 -0.31 0.00	32.69 -0.13 0.00	29.67 -0.18 0.00	28.73 -0.20 0.00	28.65 -0.14 0.00	31.40 -0.19 -0.34	40.14 -0.35 -1.27	38.72 -0.43 -0.43	32.63 -0.40 0.00	31.07 -0.25 0.00	31.92 -0.16 -0.17	33.67 -0.10 -0.09	35.49 -0.36 0.00	37.01 -0.53 0.00	42.06 -0.58 -1.15	43.36 -0.47 -1.12	50.39 -0.55 -1.32	61.82 -0.24 -1.37	68.68 -0.07 -1.28	75.57 0.22 -1.83	67.20 0.20 -1.14	56.93 0.06 -1.02	47.39 -0.23 -1.16	39.21 -0.23 -0.72

NUMBER_THREE_WT_PWR 323818	39.69 0.82 0.00	33.58 0.76 0.00	30.41 0.57 0.00	29.51 0.58 0.00	29.40 0.61 0.00	31.99 0.75 0.00	40.13 0.90 0.00	39.39 0.62 -0.05	33.29 0.26 0.00	34.72 0.16 -3.50	32.15 0.06 0.00	36.16 0.17 -2.40	37.22 0.18 -1.29	37.64 0.11 0.00	42.04 0.08 -0.46	43.20 0.04 -0.44	50.15 0.05 -0.49	61.66 0.48 -0.48	69.40 1.48 -0.45	76.79 2.57 -0.70	68.89 2.64 -0.40	58.40 2.29 -0.26	48.45 1.67 -0.32	40.21 1.20 -0.29
NYISO_LBMP_REFERENCE 24008	38.87 0.00 0.00	32.83 0.00 0.00	29.85 0.00 0.00	28.93 0.00 0.00	28.79 0.00 0.00	31.24 0.00 0.00	39.22 0.00 0.00	38.72 0.00 0.00	33.03 0.00 0.00	31.07 0.00 0.00	32.08 0.00 0.00	33.60 0.00 0.00	35.75 0.00 0.00	37.53 0.00 0.00	41.50 0.00 0.00	42.71 0.00 0.00	49.61 0.00 0.00	60.69 0.00 0.00	67.46 0.00 0.00	73.52 0.00 0.00	65.86 0.00 0.00	55.85 0.00 0.00	46.46 0.00 0.00	38.72 0.00 0.00
NYPA_BRENTWD____GT 24164	45.08 3.73 -2.48	36.62 2.66 -1.14	32.18 2.33 0.00	31.04 2.11 0.00	30.92 2.13 0.00	33.37 2.13 0.00	41.89 2.67 0.00	42.39 3.29 -0.38	37.65 2.97 -1.65	36.42 3.26 -2.10	36.68 3.62 -0.98	38.60 3.66 -1.34	40.45 3.43 -1.26	43.33 3.94 -1.85	48.64 4.44 -2.70	50.78 4.70 -3.37	57.40 4.27 -3.53	69.28 4.43 -4.16	74.77 3.84 -3.46	78.27 3.38 -1.37	70.08 2.17 -2.05	60.68 1.84 -2.99	50.86 3.20 -1.20	44.00 2.71 -2.57
NYPA_GOWANUS____GT5 24156	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.70 2.85 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NYPA_GOWANUS____GT6 24157	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.96 2.02 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.18 1.96 0.00	41.12 2.40 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.65 3.06 0.00	38.65 2.89 0.00	40.87 3.34 -0.01	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.48 4.79 0.00	71.98 4.52 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.70 2.85 0.00	49.06 2.60 0.00	40.85 2.13 0.00
NYPA_HARLEM__RVR__GT1 24160	41.72 2.84 -0.01	35.03 2.20 -0.01	31.94 2.09 -0.01	30.93 1.99 -0.01	30.73 1.93 -0.01	33.21 1.97 0.00	40.91 1.69 0.00	40.88 2.17 0.01	35.36 2.35 0.01	33.80 2.73 0.00	34.96 2.89 0.01	36.44 2.85 0.01	38.39 2.65 0.01	40.60 3.08 0.01	45.11 3.61 -0.01	46.57 3.85 -0.01	53.98 4.37 -0.01	64.99 4.31 0.01	71.44 3.98 0.01	77.04 3.53 0.01	68.42 2.57 0.01	58.19 2.35 0.01	48.64 2.18 0.00	40.58 1.86 0.00
NYPA_HARLEM__RVR__GT2 24161	41.72 2.84 -0.01	35.03 2.20 -0.01	31.94 2.09 -0.01	30.93 1.99 -0.01	30.73 1.93 -0.01	33.21 1.97 0.00	40.91 1.69 0.00	40.88 2.17 0.01	35.36 2.35 0.01	33.80 2.73 0.00	34.96 2.89 0.01	36.44 2.85 0.01	38.39 2.65 0.01	40.60 3.08 0.01	45.11 3.61 -0.01	46.57 3.85 -0.01	53.98 4.37 -0.01	64.99 4.31 0.01	71.44 3.98 0.01	77.04 3.53 0.01	68.42 2.57 0.01	58.19 2.35 0.01	48.64 2.18 0.00	40.58 1.86 0.00
NYPA_KENT____GT 24152	41.72 2.84 -0.01	35.13 2.30 -0.01	31.94 2.09 -0.01	30.91 1.97 -0.01	30.73 1.93 -0.01	33.15 1.91 0.00	41.15 1.92 0.00	41.08 2.36 0.00	35.51 2.48 0.00	33.89 2.83 0.00	35.10 3.01 0.00	36.62 3.02 0.00	38.58 2.82 0.00	40.80 3.26 0.00	45.28 3.78 -0.01	46.73 4.01 -0.01	54.29 4.66 -0.02	65.43 4.74 0.00	71.92 4.45 0.00	77.49 3.97 0.00	68.82 2.97 0.00	58.59 2.74 0.00	48.92 2.46 0.00	40.74 2.01 0.00
NYPA_POUCH1____GT 24155	41.80 2.92 -0.01	35.20 2.36 -0.01	31.97 2.12 -0.01	30.93 1.99 -0.01	30.73 1.93 -0.01	33.15 1.91 0.00	41.11 1.88 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.80 2.73 0.00	35.00 2.92 0.00	36.55 2.96 0.00	38.54 2.79 0.00	40.80 3.26 0.00	45.24 3.74 -0.01	46.73 4.01 -0.01	54.24 4.61 -0.02	65.30 4.61 0.00	71.72 4.25 0.00	77.12 3.60 0.00	68.62 2.77 0.00	58.64 2.79 0.00	49.01 2.55 0.00	40.85 2.13 0.00
NYPA_VERNON____GT2 24162	41.64 2.76 -0.01	35.03 2.20 -0.01	31.89 2.03 -0.01	30.88 1.94 -0.01	30.67 1.87 -0.01	33.12 1.87 0.00	41.11 1.88 0.00	41.08 2.36 0.00	35.51 2.48 0.00	33.86 2.80 0.00	35.07 2.98 0.00	36.58 2.99 0.00	38.54 2.79 0.00	40.76 3.23 0.00	45.20 3.69 -0.01	46.65 3.93 -0.01	54.14 4.51 -0.02	65.36 4.67 0.00	71.85 4.38 0.00	77.49 3.97 0.00	68.82 2.97 0.00	58.53 2.68 0.00	48.83 2.37 0.00	40.66 1.94 0.00
NYPA_VERNON____GT3 24163	41.64 2.76 -0.01	35.03 2.20 -0.01	31.89 2.03 -0.01	30.88 1.94 -0.01	30.67 1.87 -0.01	33.12 1.87 0.00	41.11 1.88 0.00	41.08 2.36 0.00	35.51 2.48 0.00	33.86 2.80 0.00	35.07 2.98 0.00	36.58 2.99 0.00	38.54 2.79 0.00	40.76 3.23 0.00	45.20 3.69 -0.01	46.65 3.93 -0.01	54.14 4.51 -0.02	65.36 4.67 0.00	71.85 4.38 0.00	77.49 3.97 0.00	68.82 2.97 0.00	58.53 2.68 0.00	48.83 2.37 0.00	40.66 1.94 0.00
NYPA__ASTORIA_CC1 323568	41.60 2.72 -0.01	35.00 2.17 -0.01	31.89 2.03 -0.01	30.85 1.91 -0.01	30.67 1.87 -0.01	33.09 1.84 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.44 2.41 0.00	33.83 2.76 0.00	35.00 2.92 0.00	36.55 2.96 0.00	38.47 2.72 0.00	40.68 3.15 0.00	45.16 3.65 -0.01	46.61 3.89 -0.01	54.04 4.41 -0.02	65.24 4.55 0.00	71.72 4.25 0.00	77.34 3.82 0.00	68.69 2.83 0.00	58.42 2.57 0.00	48.74 2.28 0.00	40.58 1.86 0.00
NYPA__ASTORIA_CC2 323569	41.60 2.72 -0.01	35.00 2.17 -0.01	31.89 2.03 -0.01	30.85 1.91 -0.01	30.67 1.87 -0.01	33.09 1.84 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.44 2.41 0.00	33.83 2.76 0.00	35.00 2.92 0.00	36.55 2.96 0.00	38.47 2.72 0.00	40.68 3.15 0.00	45.16 3.65 -0.01	46.61 3.89 -0.01	54.04 4.41 -0.02	65.24 4.55 0.00	71.72 4.25 0.00	77.34 3.82 0.00	68.69 2.83 0.00	58.42 2.57 0.00	48.74 2.28 0.00	40.58 1.86 0.00
NYPA__HOLTSVILL 23794	54.61 3.54 -12.20	40.99 2.56 -5.60	32.06 2.21 0.00	30.96 2.02 0.00	30.81 2.01 0.00	33.24 2.00 0.00	41.70 2.47 0.00	43.74 3.13 -1.89	44.03 2.87 -8.14	44.57 3.17 -10.33	40.35 3.50 -4.78	43.67 3.49 -6.59	45.25 3.29 -6.21	50.42 3.79 -9.10	56.63 4.19 -10.94	59.74 4.44 -12.59	70.96 3.97 -17.38	85.45 4.25 -20.52	88.16 3.64 -17.06	83.35 3.09 -6.74	77.97 1.97 -10.14	72.28 1.67 -14.76	55.35 2.98 -5.91	53.94 2.56 -12.66
NYPA__HELLGATE_GT1 24158	41.72 2.84 -0.01	35.03 2.20 -0.01	31.94 2.09 -0.01	30.93 1.99 -0.01	30.73 1.93 -0.01	33.21 1.97 0.00	40.91 1.69 0.00	40.88 2.17 0.01	35.36 2.35 0.01	33.80 2.73 0.00	34.96 2.89 0.01	36.44 2.85 0.01	38.39 2.65 0.01	40.60 3.08 0.01	45.11 3.61 -0.01	46.57 3.85 -0.01	53.98 4.37 -0.01	64.99 4.31 0.01	71.44 3.98 0.01	77.04 3.53 0.01	68.42 2.57 0.01	58.19 2.35 0.01	48.64 2.18 0.00	40.58 1.86 0.00

NYPA_____HELLGATE_GT2 24159	41.72	35.03	31.94	30.93	30.73	33.21	40.91	40.88	35.36	33.80	34.96	36.44	38.39	40.60	45.11	46.57	53.98	64.99	71.44	77.04	68.42	58.19	48.64	40.58
	2.84	2.20	2.09	1.99	1.93	1.97	1.69	2.17	2.35	2.73	2.89	2.85	2.65	3.08	3.61	3.85	4.37	4.31	3.98	3.53	2.57	2.35	2.18	1.86
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01	-0.01	-0.01	-0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
NYS_BARGE___HYD 23848	34.27	29.12	26.34	25.44	25.38	25.45	26.66	31.88	29.29	28.39	29.61	31.01	32.29	33.70	37.18	38.45	43.20	52.51	59.38	64.96	56.78	46.48	38.50	34.44
	-4.59	-3.71	-3.49	-3.47	-3.40	-3.56	-4.39	-4.84	-3.73	-2.67	-2.47	-2.59	-3.47	-3.83	-4.32	-4.06	-4.76	-4.91	-5.06	-6.25	-6.06	-5.42	-4.83	-4.18
	0.02	0.00	0.02	0.02	0.02	2.23	8.17	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	1.64	3.27	3.02	2.31	3.02	3.95	3.13	0.10
OAK ORCHARD___HYD 24046	36.58	30.96	28.02	27.08	26.98	28.50	34.61	35.77	31.24	29.92	31.15	32.65	34.29	35.77	39.42	40.66	45.60	55.79	63.00	69.44	61.33	50.63	42.22	36.88
	-2.29	-1.87	-1.82	-1.85	-1.81	-2.22	-2.67	-2.94	-1.78	-1.15	-0.93	-0.94	-1.47	-1.76	-2.07	-1.88	-2.73	-2.31	-2.09	-1.98	-2.04	-2.79	-2.65	-1.74
	0.00	0.00	0.00	0.00	0.00	0.53	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	1.28	2.59	2.37	2.10	2.49	2.43	1.60	0.11
OAKDALE___35_KV_LOAD 356122	38.68	32.73	29.76	28.82	28.74	31.72	40.96	38.45	32.76	31.04	32.15	33.66	35.58	37.31	41.77	43.11	50.12	61.25	68.18	74.10	66.07	56.48	47.14	38.72
	-0.19	-0.10	-0.09	-0.12	-0.06	-0.06	-0.24	-0.27	-0.26	-0.03	0.06	0.07	-0.18	-0.23	-0.25	-0.09	0.05	0.24	0.40	0.07	0.00	0.17	0.00	-0.31
	0.00	0.00	0.00	0.00	0.00	-0.54	-1.97	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-0.49	-0.46	-0.32	-0.31	-0.50	-0.21	-0.46	-0.68	-0.31
OCC_CHEM___DRP 24175	33.92	28.95	26.07	25.21	25.06	24.82	25.42	31.08	29.03	28.21	29.42	30.77	31.96	33.40	36.81	38.07	42.23	52.02	57.97	64.01	55.90	45.18	37.63	34.36
	-4.94	-3.87	-3.76	-3.70	-3.71	-4.03	-5.06	-5.46	-4.00	-2.86	-2.66	-2.82	-3.79	-4.13	-4.69	-4.44	-5.70	-5.34	-6.41	-7.13	-6.78	-6.31	-5.30	-4.26
	0.02	0.00	0.02	0.02	0.02	2.39	8.74	2.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	1.67	3.33	3.08	2.38	3.18	4.36	3.54	0.10
OH_GEN_PROXY 24063	34.35	29.18	26.40	25.50	25.41	25.23	26.38	31.61	29.46	28.55	29.77	31.14	32.43	33.82	37.26	38.54	42.92	52.41	59.20	64.88	56.80	46.20	38.37	34.59
	-4.51	-3.64	-3.43	-3.41	-3.37	-3.81	-4.75	-5.11	-3.57	-2.52	-2.31	-2.45	-3.32	-3.72	-4.23	-3.97	-5.06	-5.04	-5.26	-6.32	-6.06	-5.75	-5.02	-4.03
	0.02	0.00	0.02	0.02	0.02	2.20	8.10	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	1.63	3.24	3.00	2.31	3.00	3.90	3.07	0.10
OLIN_CORP_DRP 24177	33.76	28.62	25.98	25.15	25.03	24.95	25.54	31.24	28.83	27.99	29.19	30.54	31.75	33.18	36.56	37.81	42.41	51.16	57.96	63.58	55.50	45.02	37.22	33.98
	-5.09	-4.20	-3.85	-3.76	-3.74	-3.87	-4.82	-5.27	-4.19	-3.08	-2.89	-3.06	-4.00	-4.35	-4.94	-4.70	-5.51	-6.19	-6.41	-7.57	-7.18	-6.42	-5.67	-4.65
	0.02	0.00	0.02	0.02	0.02	2.42	8.86	2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	1.69	3.34	3.09	2.37	3.17	4.41	3.57	0.10
OLIN_CORP_DSASP 323712	33.92	28.95	26.07	25.21	25.06	24.82	25.42	31.08	29.03	28.21	29.42	30.77	31.96	33.40	36.81	38.07	42.23	52.02	57.97	64.01	55.90	45.18	37.63	34.36
	-4.94	-3.87	-3.76	-3.70	-3.71	-4.03	-5.06	-5.46	-4.00	-2.86	-2.66	-2.82	-3.79	-4.13	-4.69	-4.44	-5.70	-5.34	-6.41	-7.13	-6.78	-6.31	-5.30	-4.26
	0.02	0.00	0.02	0.02	0.02	2.39	8.74	2.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	1.67	3.33	3.08	2.38	3.18	4.36	3.54	0.10
ONEIDA_HERK_LFGE 323681	39.58	33.48	30.35	29.45	29.34	31.84	39.97	39.28	33.29	32.95	32.31	34.99	36.61	37.76	42.00	43.22	50.18	61.63	69.06	75.96	68.12	57.73	47.89	39.77
	0.70	0.66	0.51	0.52	0.55	0.59	0.74	0.54	0.26	0.25	0.23	0.27	0.25	0.23	0.25	0.26	0.30	0.67	1.35	2.06	2.04	1.73	1.25	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-1.63	0.00	-1.12	-0.60	0.00	-0.25	-0.25	-0.27	-0.27	-0.25	-0.39	-0.22	-0.15	-0.18	-0.16
ONEIDA___115KV_TB4 55905	39.50	33.42	30.32	29.39	29.28	31.77	39.81	39.15	33.26	32.02	32.34	34.42	36.23	37.72	42.08	43.30	50.18	61.41	68.83	75.68	67.58	57.19	47.57	39.67
	0.62	0.59	0.48	0.46	0.49	0.53	0.59	0.43	0.23	0.25	0.26	0.34	0.21	0.19	0.21	0.26	0.40	0.79	1.42	1.99	1.84	1.51	1.07	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.71	0.00	-0.49	-0.26	0.00	-0.37	-0.33	-0.18	0.07	0.05	-0.18	0.13	0.17	-0.04	-0.21
ONONDAGA_REF_OCCRA 23987	38.37	32.50	29.52	28.56	28.48	30.87	38.64	38.14	32.53	31.06	31.82	33.61	35.40	36.89	41.62	42.88	49.50	60.39	67.23	73.81	65.63	55.41	46.18	38.71
	-0.51	-0.33	-0.33	-0.38	-0.32	-0.37	-0.59	-0.58	-0.50	-0.31	-0.26	-0.20	-0.46	-0.64	-0.71	-0.60	-0.69	-0.55	-0.47	-0.44	-0.33	-0.39	-0.56	-0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	0.00	-0.21	-0.11	0.00	-0.83	-0.76	-0.59	-0.25	-0.24	-0.74	-0.10	0.05	-0.28	-0.49
ONONDAGA___COGEN 23986	38.41	32.53	29.55	28.61	28.50	30.90	38.68	38.18	32.56	31.05	31.86	33.59	35.43	36.89	42.10	43.34	50.28	61.49	68.17	75.10	66.63	56.19	46.84	39.05
	-0.47	-0.30	-0.30	-0.32	-0.29	-0.34	-0.55	-0.54	-0.46	-0.31	-0.22	-0.20	-0.43	-0.64	-0.66	-0.60	-0.69	-0.55	-0.54	-0.37	-0.33	-0.39	-0.51	-0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	-0.20	-0.11	0.00	-1.27	-1.23	-1.37	-1.34	-1.25	-1.95	-1.10	-0.73	-0.89	-0.80
ONTARIO___LFGE 23819	39.02	33.09	29.99	29.02	29.05	34.99	51.80	43.28	32.90	31.10	32.27	33.90	35.79	37.49	42.45	43.92	51.91	64.44	71.84	77.40	69.49	61.09	51.06	39.57
	0.12	0.26	0.12	0.06	0.23	0.41	0.31	0.16	-0.13	0.03	0.19	0.30	0.04	-0.04	0.04	0.30	0.75	1.70	2.43	2.28	2.04	2.01	1.16	0.31
	-0.03	0.00	-0.03	-0.03	-0.03	-3.34	-12.26	-4.41	0.00	0.00	0.00	0.00	0.00	0.00	-0.91	-0.90	-1.56	-2.05	-1.95	-1.60	-1.59	-3.23	-3.44	-0.54
ORANGEVILLE_WT_PWR 323706	35.74	30.36	27.45	26.55	26.54	20.90	6.56	27.38	30.22	29.11	30.32	31.78	33.25	34.79	38.47	39.63	43.75	52.36	59.58	66.20	56.74	42.73	34.22	35.51
	-3.07	-2.46	-2.33	-2.32	-2.19	-2.22	-2.86	-3.45	-2.81	-1.96	-1.76	-1.81	-2.50	-2.74	-3.03	-2.78	-2.98	-2.73	-2.63	-4.04	-3.82	-2.91	-2.84	-3.14
	0.07	0.00	0.07	0.07	0.07	8.12	29.80	7.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	2.88	5.60	5.25	3.28	5.29	10.21	9.41	0.08
ORANGEVILLE___ESR 323794	35.74	30.36	27.45	26.55	26.54	20.90	6.56	27.38	30.22	29.11	30.32	31.78	33.25	34.79	38.47	39.63	43.75	52.36	59.58	66.20	56.74	42.73	34.22	35.51
	-3.07	-2.46	-2.33	-2.32	-2.19	-2.22	-2.86	-3.45	-2.81	-1.96	-1.76	-1.81	-2.50	-2.74	-3.03	-2.78	-2.98	-2.73	-2.63	-4.04	-3.82	-2.91	-2.84	-3.14
	0.07	0.00	0.07	0.07	0.07	8.12	29.80	7.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	2.88	5.60	5.25	3.28	5.29	10.21	9.41	0.08

OSWEGATCHIE___HYD 24044	39.18 0.31 0.00	33.12 0.29 0.00	30.00 0.15 0.00	29.11 0.17 0.00	29.00 0.20 0.00	31.59 0.34 0.00	39.70 0.47 0.00	39.18 0.35 -0.12	33.13 0.10 0.00	38.99 -0.09 -8.02	31.86 -0.22 0.00	38.97 -0.13 -5.51	38.77 0.07 -2.95	37.53 0.00 0.00	41.79 -0.08 -0.37	42.77 -0.30 -0.36	49.51 -0.50 -0.40	60.60 -0.49 -0.39	68.10 0.27 -0.37	75.26 1.17 -0.57	67.63 1.45 -0.32	57.40 1.34 -0.21	47.83 1.11 -0.26	39.69 0.73 -0.23
OSWEGO___5 23606	37.83 -1.05 0.00	32.04 -0.79 0.00	29.10 -0.75 0.00	28.18 -0.75 0.00	28.07 -0.72 0.00	30.40 -0.84 0.00	38.13 -1.10 0.00	37.59 -1.12 0.00	32.14 -0.89 0.00	30.35 -0.71 0.00	31.41 -0.68 0.00	32.89 -0.71 0.00	34.82 -0.93 0.00	36.33 -1.20 0.00	45.36 -1.33 -5.19	46.91 -1.28 -5.48	56.79 -1.59 -8.77	70.90 -1.70 -11.91	76.67 -1.75 -10.96	85.14 -1.84 -13.46	74.98 -1.64 -10.77	62.62 -1.56 -8.33	51.83 -1.35 -6.72	41.16 -1.12 -3.56
OSWEGO___6 23613	37.83 -1.05 0.00	32.04 -0.79 0.00	29.10 -0.75 0.00	28.18 -0.75 0.00	28.07 -0.72 0.00	30.40 -0.84 0.00	38.13 -1.10 0.00	37.59 -1.12 0.00	32.14 -0.89 0.00	30.35 -0.71 0.00	31.41 -0.68 0.00	32.89 -0.71 0.00	34.82 -0.93 0.00	36.33 -1.20 0.00	45.36 -1.33 -5.19	46.91 -1.28 -5.48	56.79 -1.59 -8.77	70.90 -1.70 -11.91	76.67 -1.75 -10.96	85.14 -1.84 -13.46	74.98 -1.64 -10.77	62.62 -1.56 -8.33	51.83 -1.35 -6.72	41.16 -1.12 -3.56
OUTOKUMPU-AB___DRP 24206	34.54 -4.32 0.02	29.35 -3.48 0.00	26.51 -3.31 0.02	25.64 -3.27 0.02	25.58 -3.20 0.02	25.28 -3.41 2.56	25.63 -4.24 9.36	31.69 -4.68 2.34	29.53 -3.50 0.00	28.71 -2.36 0.00	29.93 -2.15 0.00	31.34 -2.25 0.00	32.61 -3.15 0.00	34.12 -3.42 0.00	37.68 -3.82 0.00	38.92 -3.59 0.20	43.65 -4.27 1.69	53.26 -4.07 3.37	59.83 -4.52 3.12	65.55 -5.59 2.38	57.12 -5.53 3.21	46.49 -4.86 4.50	38.40 -4.37 3.69	34.72 -3.91 0.10
OXBOW___BTM 323836	34.27 -4.59 0.02	29.08 -3.74 0.00	26.30 -3.52 0.02	25.41 -3.50 0.02	25.35 -3.43 0.02	25.08 -3.69 2.48	25.58 -4.59 9.05	31.42 -5.03 2.26	29.36 -3.67 0.00	28.49 -2.58 0.00	29.71 -2.37 0.00	31.11 -2.49 0.00	32.39 -3.43 0.00	33.82 -3.72 0.00	37.31 -4.19 0.00	38.58 -3.93 0.20	43.05 -4.86 1.69	52.95 -4.37 3.37	59.43 -4.92 3.11	65.01 -6.18 2.33	56.71 -6.06 3.09	46.24 -5.47 4.14	38.44 -4.69 3.33	34.56 -4.07 0.10
OXBOW___ 24026	34.27 -4.59 0.02	29.18 -3.64 0.00	26.30 -3.52 0.02	25.47 -3.44 0.02	25.35 -3.43 0.02	25.08 -3.69 2.48	25.54 -4.63 9.05	31.42 -5.03 2.26	29.29 -3.73 0.00	28.49 -2.58 0.00	29.71 -2.37 0.00	31.11 -2.49 0.00	32.32 -3.43 0.00	33.82 -3.72 0.00	37.30 -4.19 0.00	38.54 -3.97 0.20	43.01 -4.91 1.68	52.73 -4.61 3.35	59.04 -5.33 3.10	64.96 -6.18 2.38	56.60 -6.06 3.19	45.89 -5.53 4.43	38.06 -4.79 3.61	34.60 -4.03 0.10
OXY_CHEM_DSASP 323612	33.92 -4.94 0.02	28.95 -3.87 0.00	26.07 -3.76 0.02	25.21 -3.70 0.02	25.06 -3.71 0.02	24.82 -4.03 2.39	25.42 -5.06 8.74	31.08 -5.46 2.18	29.03 -4.00 0.00	28.21 -2.86 0.00	29.42 -2.66 0.00	30.77 -2.82 0.00	31.96 -3.79 0.00	33.40 -4.13 0.00	36.81 -4.69 0.00	38.07 -4.44 0.20	42.23 -5.70 1.67	52.02 -5.34 3.33	57.97 -6.41 3.08	64.01 -7.13 2.38	55.90 -6.78 3.18	45.18 -6.31 4.36	37.63 -5.30 3.54	34.36 -4.26 0.10
OZONE_PARK_ESR 323760	41.83 2.95 0.00	35.16 2.33 0.00	32.00 2.15 0.00	30.93 2.00 0.00	30.75 1.96 0.00	33.21 1.97 0.00	41.42 2.20 0.00	41.35 2.63 0.00	35.70 2.68 0.00	34.05 2.98 0.00	35.22 3.14 0.00	36.79 3.19 0.00	38.72 2.97 0.00	40.98 3.45 0.00	45.44 3.94 0.00	46.90 4.19 0.00	54.48 4.86 -0.01	66.03 5.34 0.00	72.86 5.40 0.00	78.45 4.93 0.00	69.68 3.82 0.00	59.14 3.30 0.00	49.25 2.79 0.00	40.82 2.09 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.92 -4.94 0.02	28.95 -3.87 0.00	26.07 -3.76 0.02	25.21 -3.70 0.02	25.06 -3.71 0.02	24.82 -4.03 2.39	25.42 -5.06 8.74	31.08 -5.46 2.18	29.03 -4.00 0.00	28.21 -2.86 0.00	29.42 -2.66 0.00	30.77 -2.82 0.00	31.96 -3.79 0.00	33.40 -4.13 0.00	36.81 -4.69 0.00	38.07 -4.44 0.20	42.23 -5.70 1.67	52.02 -5.34 3.33	57.97 -6.41 3.08	64.01 -7.13 2.38	55.90 -6.78 3.18	45.18 -6.31 4.36	37.63 -5.30 3.54	34.36 -4.26 0.10
PACKARD___115KV_DUPONT_184 80571	33.92 -4.94 0.02	28.82 -4.01 0.00	26.07 -3.76 0.02	25.18 -3.73 0.02	25.06 -3.71 0.02	24.82 -4.03 2.39	25.42 -5.06 8.74	31.08 -5.46 2.18	29.10 -3.93 0.00	28.24 -2.83 0.00	29.42 -2.66 0.00	30.77 -2.82 0.00	32.03 -3.72 0.00	33.40 -4.13 0.00	36.81 -4.69 0.00	38.07 -4.44 0.20	42.22 -5.70 1.68	52.25 -5.10 3.35	58.37 -6.00 3.09	64.12 -7.06 2.34	56.00 -6.78 3.08	45.45 -6.31 4.09	37.94 -5.25 3.27	34.32 -4.30 0.10
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.72 2.84 -0.01	35.03 2.20 -0.01	31.94 2.09 -0.01	30.88 1.94 -0.01	30.70 1.90 -0.01	33.15 1.91 0.00	40.91 1.69 0.00	40.85 2.13 0.00	35.34 2.31 0.00	33.77 2.70 0.00	34.90 2.82 0.00	36.42 2.82 0.00	38.36 2.61 0.00	40.57 3.04 0.00	45.11 3.61 -0.01	46.52 3.80 -0.01	53.89 4.27 -0.02	65.12 4.43 0.00	71.71 4.25 0.00	77.12 3.60 0.00	68.56 2.70 0.00	58.25 2.40 0.00	48.69 2.23 0.00	40.54 1.82 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.42 3.54 -0.01	35.62 2.79 -0.01	32.45 2.60 -0.01	31.37 2.43 -0.01	31.19 2.39 -0.01	33.71 2.47 0.00	41.58 2.35 0.00	41.50 2.79 0.00	35.90 2.87 0.00	34.27 3.20 0.00	35.39 3.30 0.00	36.92 3.33 0.00	38.90 3.15 0.00	41.10 3.57 0.00	45.74 4.23 -0.01	47.20 4.48 -0.01	54.68 5.06 -0.02	66.15 5.46 0.00	72.86 5.40 0.00	78.37 4.85 0.00	69.61 3.75 0.00	59.14 3.30 0.00	49.39 2.93 0.00	41.12 2.40 0.00
PATROON___115KV_TB1 80586	39.92 1.05 0.00	33.88 1.05 0.00	30.89 1.04 0.00	29.94 1.01 0.00	29.77 0.98 0.00	32.15 0.91 0.00	40.21 0.98 0.00	39.68 0.97 0.00	33.49 0.46 0.00	31.66 0.59 0.00	32.59 0.51 0.00	34.10 0.50 0.00	36.08 0.32 0.00	38.09 0.56 0.00	42.16 0.66 0.00	43.35 0.64 0.00	50.45 0.84 0.00	61.72 1.03 0.00	68.61 1.15 0.00	74.77 1.25 0.00	67.04 1.19 0.00	56.91 1.06 0.00	47.39 0.93 0.00	39.50 0.77 0.00
PATTRSNVILLE___SOLAR 323815	40.27 1.40 0.00	33.97 1.15 0.00	30.92 1.07 0.00	30.00 1.07 0.00	29.86 1.07 0.00	32.31 1.06 0.00	40.36 1.14 0.00	39.45 0.73 0.00	33.36 0.33 0.00	31.41 0.34 0.00	32.34 0.26 0.00	33.86 0.27 0.00	35.83 0.07 0.00	37.80 0.26 0.00	41.83 0.33 0.00	42.97 0.26 0.00	50.15 0.55 0.00	61.66 0.97 0.00	68.95 1.48 0.00	75.58 2.06 0.00	67.90 2.04 0.00	57.69 1.84 0.00	47.90 1.44 0.00	39.96 1.24 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.16 -3.69 0.02	29.74 -3.09 0.00	26.99 -2.84 0.02	26.10 -2.81 0.02	26.35 -2.42 0.02	26.28 -2.12 2.84	26.20 -2.63 10.40	32.99 -3.06 2.67	29.96 -3.07 0.00	29.14 -1.93 0.00	30.35 -1.73 0.00	31.81 -1.78 0.00	33.14 -2.61 0.00	34.72 -2.81 0.00	38.43 -3.07 0.00	39.61 -2.90 0.20	45.80 -2.13 1.67	55.08 -2.25 3.36	62.41 -1.96 3.10	65.08 -6.10 2.33	56.65 -5.99 3.21	48.56 -2.62 4.67	39.98 -2.56 3.93	34.06 -4.57 0.09

PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.32 2.45 0.00	34.80 1.97 0.00	31.64 1.79 0.00	30.67 1.74 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.19 1.96 0.00	40.92 2.21 0.00	35.11 2.08 0.00	33.30 2.24 0.00	34.52 2.44 0.00	36.05 2.45 0.00	38.08 2.32 0.00	40.31 2.78 0.00	44.69 3.20 0.00	46.09 3.37 0.00	53.57 3.97 0.00	65.36 4.67 0.00	72.32 4.86 0.00	78.08 4.56 0.00	69.35 3.49 0.00	58.81 2.96 0.00	48.97 2.51 0.00	40.58 1.86 0.00
PEEKSKILL____ 23653	41.09 2.21 0.00	34.60 1.77 0.00	31.46 1.61 0.00	30.46 1.53 0.00	30.29 1.50 0.00	32.71 1.47 0.00	40.87 1.65 0.00	40.69 1.97 0.00	35.01 1.98 0.00	33.33 2.27 0.00	34.49 2.41 0.00	36.02 2.42 0.00	37.97 2.22 0.00	40.16 2.63 0.00	44.52 3.03 0.00	45.92 3.21 0.00	53.28 3.67 0.00	64.63 3.94 0.00	71.31 3.84 0.00	77.12 3.60 0.00	68.56 2.70 0.00	58.14 2.29 0.00	48.50 2.04 0.00	40.31 1.59 0.00
PGE MADISON__WINDPWR 24146	40.59 1.71 -0.01	34.40 1.58 0.00	31.20 1.34 -0.01	30.21 1.27 -0.01	30.15 1.35 -0.01	33.52 1.56 -0.71	43.60 1.77 -2.61	40.04 1.32 -0.01	33.65 0.63 0.00	31.66 0.59 0.00	32.66 0.58 0.00	34.33 0.74 0.00	36.33 0.57 0.00	38.09 0.56 0.00	42.75 0.71 -0.55	44.17 0.94 -0.52	51.56 1.39 -0.56	63.74 2.55 -0.50	72.13 4.18 -0.48	79.30 5.15 -0.64	70.91 4.68 -0.37	60.48 3.91 -0.72	50.03 2.65 -0.92	40.79 1.74 -0.33
PIERCEFIELD____HYD 23852	38.84 -0.04 0.00	32.73 -0.10 0.00	29.67 -0.18 0.00	28.85 -0.09 0.00	28.68 -0.12 0.00	31.31 0.06 0.00	39.42 0.20 0.00	39.12 0.23 -0.18	33.13 0.10 0.00	42.70 -0.19 -11.82	31.76 -0.32 0.00	41.48 -0.24 -8.12	40.24 0.14 -4.35	37.68 0.15 0.00	41.54 0.04 0.00	42.37 -0.34 0.00	49.01 -0.60 0.00	59.72 -0.97 0.00	66.79 -0.67 0.00	73.45 -0.07 0.00	66.06 0.20 0.00	56.24 0.39 0.00	47.06 0.60 0.00	39.23 0.50 0.00
PINELAWN_CC_1 323563	43.25 3.54 -0.84	35.71 2.49 -0.39	32.02 2.18 0.00	30.93 1.99 0.00	30.78 1.99 0.00	33.21 1.97 0.00	41.66 2.43 0.00	41.90 3.06 -0.13	36.39 2.81 -0.56	34.89 3.11 -0.71	35.85 3.43 -0.34	37.52 3.46 -0.46	39.44 3.25 -0.43	41.92 3.75 -0.64	47.05 4.23 -1.32	48.97 4.44 -1.82	54.97 4.17 -1.20	66.66 4.55 -1.42	72.62 3.98 -1.18	77.44 3.46 -0.47	68.86 2.30 -0.69	58.76 1.90 -1.01	49.84 2.98 -0.41	42.11 2.52 -0.87
PJM_GEN_HTP_PROXY 323702	41.44 2.57 0.00	34.86 2.04 0.00	31.73 1.88 0.00	30.70 1.77 0.00	30.52 1.73 0.00	32.93 1.69 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.41 2.38 0.00	33.74 2.67 0.00	34.94 2.85 0.00	36.45 2.85 0.00	38.36 2.61 0.00	40.61 3.08 0.00	45.02 3.53 0.00	46.47 3.76 0.00	53.93 4.31 -0.01	65.30 4.61 0.00	71.85 4.38 0.00	77.56 4.04 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.74 2.28 0.00	40.51 1.78 0.00
PJM_GEN_KEystone 24065	38.13 -0.74 0.01	32.24 -0.59 0.00	29.27 -0.57 0.01	28.35 -0.58 0.01	28.24 -0.55 0.01	29.84 -0.59 0.81	34.00 -0.86 4.36	37.14 -0.77 0.80	32.63 -0.39 0.00	31.31 0.25 0.00	32.47 0.39 0.00	33.93 0.34 0.00	35.61 -0.14 0.00	37.46 -0.07 0.00	41.45 -0.04 0.00	42.80 0.17 0.08	49.31 0.35 0.64	59.83 0.43 1.29	66.55 0.27 1.19	71.66 -0.96 0.91	63.39 -1.32 1.15	53.73 -0.73 1.40	44.70 -0.70 1.06	37.56 -1.12 0.04
PJM_GEN_NEPTUNE_PROXY 323594	41.79 2.92 0.00	34.90 2.07 0.00	31.64 1.79 0.00	30.58 1.65 0.00	30.40 1.61 0.00	32.84 1.59 0.00	41.15 1.92 0.00	41.23 2.52 0.00	35.37 2.35 0.00	33.74 2.67 0.00	35.07 2.98 -0.01	36.59 2.99 -0.01	38.51 2.75 0.00	40.77 3.23 -0.01	45.71 3.61 -0.61	47.53 3.80 -1.02	53.28 3.67 0.00	64.69 4.00 0.01	70.76 4.38 0.01	76.31 2.79 0.01	67.56 1.71 0.01	57.29 1.45 0.01	48.78 2.32 0.00	40.70 1.97 0.00
PJM_GEN_VFT_PROXY 323633	41.29 2.41 0.00	34.76 1.94 0.00	31.64 1.79 0.00	30.61 1.68 0.00	30.43 1.64 0.00	32.84 1.59 0.00	40.91 1.69 0.00	40.84 2.13 0.00	35.34 2.31 0.00	33.71 2.64 0.00	34.87 2.79 0.00	36.35 2.76 0.00	38.29 2.54 0.00	40.50 2.96 0.00	44.90 3.40 0.00	46.34 3.63 0.00	53.84 4.21 -0.01	65.12 4.43 0.00	71.65 4.18 0.00	77.34 3.82 0.00	68.69 2.83 0.00	58.30 2.45 0.00	48.55 2.09 0.00	40.35 1.63 0.00
PLATSBURG_115KV_PMLD1 355749	39.11 0.23 0.00	32.99 0.16 0.00	29.94 0.09 0.00	29.08 0.14 0.00	28.94 0.14 0.00	31.56 0.31 0.00	39.77 0.55 0.00	39.30 0.58 0.00	33.52 0.50 0.00	31.31 0.25 0.00	32.27 0.19 0.00	33.86 0.27 0.00	36.36 0.61 0.00	38.17 0.64 0.00	42.12 0.62 0.00	43.31 0.60 0.00	50.35 0.74 0.00	61.42 0.73 0.00	68.34 0.88 0.00	74.70 1.18 0.00	66.98 1.12 0.00	56.80 0.95 0.00	47.30 0.84 0.00	39.42 0.70 0.00
PLEASANTVLY____LBMP 24000	40.86 1.98 0.00	34.43 1.61 0.00	31.34 1.49 0.00	30.35 1.42 0.00	30.17 1.38 0.00	32.56 1.31 0.00	40.68 1.45 0.00	40.50 1.78 0.00	34.78 1.75 0.00	33.05 1.99 0.00	34.20 2.12 0.00	35.68 2.08 0.00	37.65 1.89 0.00	39.78 2.25 0.00	44.07 2.57 0.00	45.45 2.73 0.00	52.78 3.17 0.00	64.15 3.46 0.00	70.90 3.44 0.00	76.53 3.01 0.00	68.23 2.37 0.00	57.86 2.01 0.00	48.27 1.81 0.00	40.12 1.39 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.21 2.33 0.00	34.70 1.87 0.00	31.58 1.73 0.00	30.55 1.62 0.00	30.38 1.58 0.00	32.81 1.56 0.00	40.95 1.73 0.00	40.85 2.13 0.00	35.14 2.11 0.00	33.43 2.36 0.00	34.58 2.50 0.00	36.11 2.52 0.00	38.08 2.32 0.00	40.27 2.74 0.00	44.61 3.11 0.00	46.00 3.29 0.00	53.43 3.82 0.00	64.88 4.19 0.00	71.71 4.25 0.00	77.34 3.82 0.00	68.82 2.96 0.00	58.36 2.51 0.00	48.64 2.18 0.00	40.39 1.67 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.21 2.33 0.00	34.70 1.87 0.00	31.58 1.73 0.00	30.55 1.62 0.00	30.38 1.58 0.00	32.81 1.56 0.00	40.95 1.73 0.00	40.85 2.13 0.00	35.14 2.11 0.00	33.43 2.36 0.00	34.58 2.50 0.00	36.11 2.52 0.00	38.08 2.32 0.00	40.27 2.74 0.00	44.61 3.11 0.00	46.00 3.29 0.00	53.43 3.82 0.00	64.88 4.19 0.00	71.71 4.25 0.00	77.34 3.82 0.00	68.82 2.96 0.00	58.36 2.51 0.00	48.64 2.18 0.00	40.39 1.67 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.01 2.14 0.00	34.57 1.74 0.00	31.49 1.64 0.00	30.47 1.53 0.00	30.29 1.50 0.00	32.68 1.44 0.00	40.83 1.61 0.00	40.61 1.90 0.00	34.81 1.78 0.00	32.99 1.93 0.00	34.13 2.05 0.00	35.64 2.05 0.00	37.61 1.86 0.00	39.78 2.25 0.00	44.11 2.61 0.00	45.49 2.78 0.00	52.93 3.32 0.00	64.57 3.88 0.00	71.44 3.98 0.00	77.27 3.75 0.00	68.89 3.03 0.00	58.42 2.57 0.00	48.55 2.09 0.00	40.31 1.59 0.00
POLETTI____ 23519	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.40 2.38 0.00	33.74 2.67 0.00	34.90 2.82 0.00	36.42 2.82 0.00	38.36 2.61 0.00	40.57 3.04 0.00	44.98 3.49 0.00	46.43 3.72 0.00	53.94 4.32 -0.02	65.30 4.61 0.00	72.05 4.59 0.00	77.56 4.04 0.00	68.95 3.10 0.00	58.47 2.62 0.00	48.78 2.32 0.00	40.47 1.74 0.00

POMONA___ESR 323819	41.05 2.18 0.00	34.56 1.74 0.00	31.46 1.61 0.00	30.44 1.50 0.00	30.23 1.44 0.00	32.68 1.44 0.00	40.80 1.57 0.00	40.65 1.94 0.00	34.98 1.95 0.00	33.30 2.24 0.00	34.45 2.37 0.00	35.98 2.39 0.00	37.94 2.18 0.00	40.12 2.59 0.00	44.49 2.99 0.00	45.87 3.16 0.00	53.18 3.57 0.00	64.58 3.89 0.00	71.24 3.78 0.00	77.05 3.53 0.00	68.49 2.64 0.00	58.09 2.24 0.00	48.41 1.95 0.00	40.27 1.55 0.00
PORT_JEFF_3 23555	55.26 3.65 -12.74	41.30 2.63 -5.85	32.11 2.27 0.00	31.02 2.08 0.00	30.87 2.07 0.00	33.30 2.06 0.00	41.81 2.59 0.00	43.90 3.21 -1.97	44.46 2.94 -8.49	45.08 3.23 -10.78	40.66 3.59 -4.98	44.07 3.60 -6.87	45.60 3.36 -6.48	50.90 3.87 -9.50	57.21 4.32 -11.39	60.38 4.57 -13.10	71.86 4.12 -18.14	86.48 4.37 -21.42	88.98 3.71 -17.80	83.79 3.23 -7.04	78.62 2.17 -10.59	73.10 1.84 -15.41	55.74 3.11 -6.17	54.57 2.63 -13.21
PORT_JEFF_4 23616	55.26 3.65 -12.74	41.30 2.63 -5.85	32.11 2.27 0.00	31.02 2.08 0.00	30.87 2.07 0.00	33.30 2.06 0.00	41.81 2.59 0.00	43.90 3.21 -1.97	44.46 2.94 -8.49	45.08 3.23 -10.78	40.66 3.59 -4.98	44.07 3.60 -6.87	45.60 3.36 -6.48	50.90 3.87 -9.50	57.21 4.32 -11.39	60.38 4.57 -13.10	71.86 4.12 -18.14	86.48 4.37 -21.42	88.98 3.71 -17.80	83.79 3.23 -7.04	78.62 2.17 -10.59	73.10 1.84 -15.41	55.74 3.11 -6.17	54.57 2.63 -13.21
PORT_JEFF_IC 23713	57.20 3.62 -14.71	42.27 2.69 -6.76	32.20 2.36 0.00	31.04 2.11 0.00	30.92 2.13 0.00	33.37 2.12 0.00	41.81 2.59 0.00	44.29 3.29 -2.28	45.84 3.01 -9.81	46.81 3.29 -12.46	41.46 3.63 -5.75	45.19 3.66 -7.93	46.71 3.47 -7.49	52.48 3.98 -10.97	59.01 4.44 -13.07	62.38 4.70 -14.97	74.83 4.27 -20.96	89.86 4.43 -24.74	91.88 3.85 -20.57	84.74 3.09 -8.13	80.46 2.37 -12.23	75.60 1.95 -17.80	56.93 3.35 -7.13	56.66 2.67 -15.27
PPL PILGRIM_ST_GT1 24216	45.08 3.73 -2.48	36.62 2.66 -1.14	32.18 2.33 0.00	31.04 2.11 0.00	30.92 2.13 0.00	33.37 2.13 0.00	41.89 2.67 0.00	42.39 3.29 -0.38	37.65 2.97 -1.65	36.42 3.26 -2.10	36.68 3.62 -0.98	38.60 3.66 -1.34	40.45 3.43 -1.26	43.33 3.94 -1.85	48.64 4.44 -2.70	50.78 4.70 -3.37	57.40 4.27 -3.53	69.28 4.43 -4.16	74.77 3.84 -3.46	78.27 3.38 -1.37	70.08 2.17 -2.05	60.68 1.84 -2.99	50.86 3.20 -1.20	44.00 2.71 -2.57
PPL PILGRIM_ST_GT2 24217	45.08 3.73 -2.48	36.62 2.66 -1.14	32.18 2.33 0.00	31.04 2.11 0.00	30.92 2.13 0.00	33.37 2.13 0.00	41.89 2.67 0.00	42.39 3.29 -0.38	37.65 2.97 -1.65	36.42 3.26 -2.10	36.68 3.62 -0.98	38.60 3.66 -1.34	40.45 3.43 -1.26	43.33 3.94 -1.85	48.64 4.44 -2.70	50.78 4.70 -3.37	57.40 4.27 -3.53	69.28 4.43 -4.16	74.77 3.84 -3.46	78.27 3.38 -1.37	70.08 2.17 -2.05	60.68 1.84 -2.99	50.86 3.20 -1.20	44.00 2.71 -2.57
PPL_SHRM_GT3 24213	55.62 3.73 -13.01	41.52 2.72 -5.97	32.20 2.36 0.00	31.10 2.17 0.00	30.95 2.16 0.00	33.40 2.15 0.00	41.89 2.67 0.00	44.06 3.33 -2.01	44.74 3.04 -8.68	45.37 3.29 -11.01	40.80 3.62 -5.09	44.21 3.60 -7.02	45.78 3.40 -6.62	51.10 3.87 -9.71	57.36 4.23 -11.63	60.59 4.53 -13.36	71.96 3.82 -18.53	86.75 4.18 -21.88	89.43 3.78 -18.19	84.02 3.31 -7.19	78.52 1.84 -10.82	73.32 1.73 -15.74	55.83 3.07 -6.30	54.93 2.71 -13.50
PPL_SHRM_GT4 24214	55.62 3.73 -13.01	41.52 2.72 -5.97	32.20 2.36 0.00	31.10 2.17 0.00	30.95 2.16 0.00	33.40 2.15 0.00	41.89 2.67 0.00	44.06 3.33 -2.01	44.74 3.04 -8.68	45.37 3.29 -11.01	40.80 3.62 -5.09	44.21 3.60 -7.02	45.78 3.40 -6.62	51.10 3.87 -9.71	57.36 4.23 -11.63	60.59 4.53 -13.36	71.96 3.82 -18.53	86.75 4.18 -21.88	89.43 3.78 -18.19	84.02 3.31 -7.19	78.52 1.84 -10.82	73.32 1.73 -15.74	55.83 3.07 -6.30	54.93 2.71 -13.50
PROJECT___ORANGE 1 24174	38.21 -0.66 0.00	32.37 -0.46 0.00	29.40 -0.45 0.00	28.47 -0.46 0.00	28.36 -0.43 0.00	30.71 -0.53 0.00	38.48 -0.75 0.00	37.99 -0.74 -0.01	32.43 -0.59 0.00	31.01 -0.40 -0.35	31.76 -0.32 0.00	33.53 -0.30 -0.24	35.34 -0.54 -0.13	36.78 -0.75 0.00	41.36 -0.83 -0.69	42.59 -0.73 -0.61	49.02 -0.89 -0.31	59.73 -0.79 0.17	66.45 -0.88 0.14	73.08 -0.74 -0.29	64.86 -0.72 0.28	54.77 -0.73 0.35	45.72 -0.79 -0.05	38.46 -0.66 -0.39
PROJECT___ORANGE 2 24166	38.21 -0.66 0.00	32.37 -0.46 0.00	29.40 -0.45 0.00	28.47 -0.46 0.00	28.36 -0.43 0.00	30.71 -0.53 0.00	38.48 -0.75 0.00	37.99 -0.74 -0.01	32.43 -0.59 0.00	31.01 -0.40 -0.35	31.76 -0.32 0.00	33.53 -0.30 -0.24	35.34 -0.54 -0.13	36.78 -0.75 0.00	41.36 -0.83 -0.69	42.59 -0.73 -0.61	49.02 -0.89 -0.31	59.73 -0.79 0.17	66.45 -0.88 0.14	73.08 -0.74 -0.29	64.86 -0.72 0.28	54.77 -0.73 0.35	45.72 -0.79 -0.05	38.46 -0.66 -0.39
PUCKETT___SOLAR 323809	39.19 0.31 0.00	33.19 0.36 0.00	30.15 0.30 0.00	29.20 0.26 0.00	29.11 0.32 0.00	32.12 0.38 -0.50	41.38 0.31 -1.84	38.84 0.12 -0.01	32.93 -0.10 0.00	31.10 0.03 0.00	32.11 0.03 0.00	33.66 0.07 0.00	35.58 -0.18 0.00	37.27 -0.26 0.00	41.80 -0.21 -0.51	43.14 -0.04 -0.48	50.21 0.15 -0.46	61.69 0.67 -0.33	69.00 1.22 -0.32	75.27 1.25 -0.50	67.18 1.12 -0.20	57.30 1.06 -0.39	47.71 0.65 -0.60	39.22 0.19 -0.30
PYRITES___HYD 24023	39.30 0.43 0.00	33.15 0.33 0.00	30.03 0.18 0.00	29.19 0.26 0.00	29.02 0.23 0.00	31.71 0.47 0.00	39.93 0.71 0.00	39.52 0.62 -0.19	33.39 0.36 0.00	43.61 0.00 -12.54	31.92 -0.16 0.00	42.14 -0.07 -8.61	40.72 0.36 -4.61	37.87 0.34 0.00	41.79 0.29 0.00	42.67 -0.04 0.00	49.46 -0.15 0.00	60.33 -0.36 0.00	67.73 0.27 0.00	74.70 1.18 0.00	67.31 1.45 0.00	57.25 1.40 0.00	47.81 1.35 0.00	39.81 1.08 0.00
QUAKERRD_115KV_BK1 80622	36.19 -2.68 0.00	30.63 -2.20 0.00	27.72 -2.12 0.00	26.84 -2.08 0.00	26.72 -2.07 0.00	28.21 -2.47 0.56	34.10 -3.06 2.07	35.46 -3.25 0.01	30.88 -2.15 0.00	29.45 -1.62 0.00	30.64 -1.44 0.00	32.12 -1.48 0.00	33.79 -1.97 0.00	35.24 -2.29 0.00	38.88 -2.61 0.00	40.06 -2.48 0.17	44.89 -3.42 1.30	54.73 -3.34 2.62	61.35 -3.71 2.40	68.15 -3.23 2.14	60.15 -3.16 2.54	49.72 -3.57 2.56	41.45 -3.30 1.71	36.37 -2.25 0.11
QUENSBRY_115KV_TB8 356137	41.52 2.64 0.00	35.03 2.20 0.00	31.82 1.97 0.00	30.90 1.97 0.00	30.75 1.96 0.00	33.31 2.06 0.00	41.70 2.47 0.00	40.85 2.13 0.00	34.35 1.32 0.00	32.34 1.27 0.00	33.20 1.12 0.00	34.87 1.28 0.00	36.83 1.07 0.00	39.03 1.50 0.00	43.32 1.83 0.00	43.61 0.90 0.00	50.65 1.04 0.00	62.33 1.64 0.00	69.49 2.02 0.00	76.24 2.72 0.00	68.49 2.63 0.00	58.14 2.29 0.00	48.41 1.95 0.00	40.97 2.25 0.00
RAMAPO___LBMP 323565	40.90 2.02 0.00	34.43 1.61 0.00	31.34 1.49 0.00	30.32 1.39 0.00	30.15 1.35 0.00	32.56 1.31 0.00	40.68 1.45 0.00	40.54 1.82 0.00	34.91 1.88 0.00	33.21 2.14 0.00	34.36 2.28 0.00	35.88 2.28 0.00	37.83 2.07 0.00	40.01 2.48 0.00	44.32 2.82 0.00	45.70 2.99 0.00	52.98 3.37 0.00	64.39 3.70 0.00	71.17 3.71 0.00	76.75 3.23 0.00	68.29 2.44 0.00	57.92 2.07 0.00	48.32 1.86 0.00	40.12 1.39 0.00



RANKINE____	35.04 -3.81 0.03	29.67 -3.15 0.00	26.87 -2.95 0.03	26.01 -2.89 0.03	26.03 -2.74 0.03	25.31 -2.84 3.09	24.37 -3.57 11.28	31.83 -3.99 2.90	29.86 -3.17 0.00	29.05 -2.02 0.00	30.25 -1.83 0.00	31.68 -1.91 0.00	33.00 -2.75 0.00	34.53 -3.00 0.00	38.18 -3.32 0.00	39.43 -3.08 0.21	44.56 -3.27 1.77	53.89 -3.28 3.52	60.83 -3.37 3.26	65.81 -5.29 2.41	57.24 -5.27 3.35	46.96 -3.91 4.98	38.59 -3.67 4.20	34.68 -3.95 0.09
RAVENSWOOD_GT2_1 24244	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.40 2.38 0.00	33.74 2.67 0.00	34.90 2.82 0.00	36.42 2.82 0.00	38.36 2.61 0.00	40.57 3.04 0.00	44.98 3.49 0.00	46.43 3.72 0.00	53.94 4.32 -0.02	65.30 4.61 0.00	72.05 4.59 0.00	77.56 4.04 0.00	68.95 3.10 0.00	58.47 2.62 0.00	48.78 2.32 0.00	40.51 1.78 0.00
RAVENSWOOD_GT2_2 24245	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.40 2.38 0.00	33.74 2.67 0.00	34.90 2.82 0.00	36.42 2.82 0.00	38.36 2.61 0.00	40.57 3.04 0.00	44.98 3.49 0.00	46.43 3.72 0.00	53.94 4.32 -0.02	65.30 4.61 0.00	72.05 4.59 0.00	77.56 4.04 0.00	68.95 3.10 0.00	58.47 2.62 0.00	48.78 2.32 0.00	40.51 1.78 0.00
RAVENSWOOD_GT2_3 24246	41.48 2.60 0.00	34.89 2.07 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.55 1.76 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.40 2.38 0.00	33.77 2.70 0.00	34.94 2.86 0.00	36.45 2.86 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.02 3.53 0.00	46.47 3.76 0.00	53.94 4.32 -0.02	65.36 4.67 0.00	72.05 4.59 0.00	77.56 4.04 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.83 2.37 0.00	40.51 1.78 0.00
RAVENSWOOD_GT2_4 24247	41.48 2.60 0.00	34.89 2.07 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.55 1.76 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.40 2.38 0.00	33.77 2.70 0.00	34.94 2.86 0.00	36.45 2.86 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.02 3.53 0.00	46.47 3.76 0.00	53.94 4.32 -0.02	65.36 4.67 0.00	72.05 4.59 0.00	77.56 4.04 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.83 2.37 0.00	40.51 1.78 0.00
RAVENSWOOD_GT3_1 24248	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.55 1.76 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.40 2.38 0.00	33.74 2.67 0.00	34.90 2.82 0.00	36.42 2.82 0.00	38.40 2.65 0.00	40.57 3.04 0.00	44.98 3.49 0.00	46.43 3.72 0.00	53.94 4.32 -0.02	65.30 4.61 0.00	72.05 4.59 0.00	77.56 4.04 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
RAVENSWOOD_GT3_2 24249	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.55 1.76 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.40 2.38 0.00	33.74 2.67 0.00	34.90 2.82 0.00	36.42 2.82 0.00	38.40 2.65 0.00	40.57 3.04 0.00	44.98 3.49 0.00	46.43 3.72 0.00	53.94 4.32 -0.02	65.30 4.61 0.00	72.05 4.59 0.00	77.56 4.04 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
RAVENSWOOD_GT3_3 24250	41.52 2.64 0.00	34.93 2.10 0.00	31.79 1.94 0.00	30.75 1.82 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.11 1.88 0.00	41.04 2.32 0.00	35.44 2.41 0.00	33.80 2.73 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.65 3.12 0.00	45.06 3.57 0.00	46.51 3.80 0.00	54.04 4.41 -0.02	65.42 4.73 0.00	72.19 4.72 0.00	77.71 4.19 0.00	69.08 3.23 0.00	58.59 2.74 0.00	48.88 2.42 0.00	40.54 1.82 0.00
RAVENSWOOD_GT3_4 24251	41.52 2.64 0.00	34.93 2.10 0.00	31.79 1.94 0.00	30.75 1.82 0.00	30.58 1.79 0.00	32.99 1.75 0.00	41.11 1.88 0.00	41.04 2.32 0.00	35.44 2.41 0.00	33.80 2.73 0.00	34.97 2.89 0.00	36.48 2.89 0.00	38.44 2.68 0.00	40.65 3.12 0.00	45.06 3.57 0.00	46.51 3.80 0.00	54.04 4.41 -0.02	65.42 4.73 0.00	72.19 4.72 0.00	77.71 4.19 0.00	69.08 3.23 0.00	58.59 2.74 0.00	48.88 2.42 0.00	40.54 1.82 0.00
RAVENSWOOD_GT_1 23729	41.64 2.76 -0.01	35.03 2.20 -0.01	31.92 2.06 -0.01	30.85 1.91 -0.01	30.67 1.87 -0.01	33.12 1.87 0.00	41.11 1.88 0.00	41.08 2.36 0.00	35.50 2.48 0.00	33.89 2.83 0.00	35.06 2.98 0.00	36.59 2.99 0.00	38.54 2.79 0.00	40.76 3.23 0.00	45.20 3.69 -0.01	46.65 3.93 -0.01	54.14 4.51 -0.02	65.42 4.73 0.00	72.05 4.59 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.53 2.68 0.00	48.88 2.42 0.00	40.62 1.90 0.00
RAVENSWOOD_GT_10 24258	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.70 1.76 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.40 2.38 0.00	33.74 2.67 0.00	34.90 2.82 0.00	36.42 2.82 0.00	38.36 2.61 0.00	40.57 3.04 0.00	44.98 3.49 0.00	46.43 3.72 0.00	53.94 4.32 -0.02	65.30 4.61 0.00	72.05 4.59 0.00	77.56 4.04 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
RAVENSWOOD_GT_11 24259	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.70 1.76 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.40 2.38 0.00	33.74 2.67 0.00	34.90 2.82 0.00	36.42 2.82 0.00	38.36 2.61 0.00	40.57 3.04 0.00	44.98 3.49 0.00	46.43 3.72 0.00	53.94 4.32 -0.02	65.30 4.61 0.00	72.05 4.59 0.00	77.56 4.04 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
RAVENSWOOD_GT_4 24252	41.49 2.60 -0.01	34.90 2.07 -0.01	31.79 1.94 -0.01	30.76 1.82 -0.01	30.59 1.79 -0.01	32.99 1.75 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.40 2.38 0.00	33.77 2.70 0.00	34.94 2.86 0.00	36.45 2.86 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.03 3.53 -0.01	46.48 3.76 -0.01	53.99 4.37 -0.02	65.30 4.61 0.00	72.05 4.59 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.47 2.62 0.00	48.78 2.32 0.00	40.51 1.78 0.00
RAVENSWOOD_GT_5 24254	41.49 2.60 -0.01	34.90 2.07 -0.01	31.79 1.94 -0.01	30.76 1.82 -0.01	30.59 1.79 -0.01	32.99 1.75 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.40 2.38 0.00	33.77 2.70 0.00	34.94 2.86 0.00	36.45 2.86 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.03 3.53 -0.01	46.48 3.76 -0.01	53.99 4.37 -0.02	65.30 4.61 0.00	72.05 4.59 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.47 2.62 0.00	48.78 2.32 0.00	40.51 1.78 0.00
RAVENSWOOD_GT_6 24253	41.49 2.60 -0.01	34.90 2.07 -0.01	31.79 1.94 -0.01	30.76 1.82 -0.01	30.59 1.79 -0.01	32.99 1.75 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.40 2.38 0.00	33.77 2.70 0.00	34.94 2.86 0.00	36.45 2.86 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.03 3.53 -0.01	46.48 3.76 -0.01	53.99 4.37 -0.02	65.30 4.61 0.00	72.05 4.59 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.47 2.62 0.00	48.78 2.32 0.00	40.51 1.78 0.00

RAVENSWOOD_GT_7 24255	41.49 2.60 -0.01	34.90 2.07 -0.01	31.79 1.94 -0.01	30.76 1.82 -0.01	30.59 1.79 -0.01	32.99 1.75 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.40 2.38 0.00	33.77 2.70 0.00	34.94 2.86 0.00	36.45 2.86 0.00	38.40 2.65 0.00	40.61 3.08 0.00	45.03 3.53 -0.01	46.48 3.76 -0.01	53.99 4.37 -0.02	65.30 4.61 0.00	72.05 4.59 0.00	77.49 3.97 0.00	68.89 3.03 0.00	58.47 2.62 0.00	48.78 2.32 0.00	40.51 1.78 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.70 1.76 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.40 2.38 0.00	33.74 2.67 0.00	34.90 2.82 0.00	36.42 2.82 0.00	38.36 2.61 0.00	40.57 3.04 0.00	44.98 3.49 0.00	46.43 3.72 0.00	53.94 4.32 -0.02	65.30 4.61 0.00	72.05 4.59 0.00	77.56 4.04 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
RAVENSWOOD_GT_9 24257	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.70 1.76 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.40 2.38 0.00	33.74 2.67 0.00	34.90 2.82 0.00	36.42 2.82 0.00	38.36 2.61 0.00	40.57 3.04 0.00	44.98 3.49 0.00	46.43 3.72 0.00	53.94 4.32 -0.02	65.30 4.61 0.00	72.05 4.59 0.00	77.56 4.04 0.00	68.95 3.10 0.00	58.53 2.68 0.00	48.78 2.32 0.00	40.51 1.78 0.00
RAVENSWOOD___1 23533	41.60 2.72 -0.01	35.00 2.17 -0.01	31.89 2.03 -0.01	30.85 1.91 -0.01	30.67 1.87 -0.01	33.09 1.84 0.00	41.11 1.88 0.00	41.04 2.32 0.00	35.47 2.44 0.00	33.86 2.80 0.00	35.03 2.95 0.00	36.55 2.96 0.00	38.51 2.75 0.00	40.72 3.19 0.00	45.16 3.65 -0.01	46.65 3.93 -0.01	54.09 4.47 -0.02	65.36 4.67 0.00	71.85 4.38 0.00	77.41 3.89 0.00	68.82 2.97 0.00	58.48 2.63 0.00	48.83 2.37 0.00	40.62 1.90 0.00
RAVENSWOOD___2 23534	41.60 2.72 -0.01	35.00 2.17 -0.01	31.85 2.00 -0.01	30.85 1.91 -0.01	30.65 1.84 -0.01	33.09 1.84 0.00	41.07 1.84 0.00	41.04 2.32 0.00	35.47 2.44 0.00	33.83 2.76 0.00	35.03 2.95 0.00	36.55 2.96 0.00	38.47 2.72 0.00	40.68 3.15 -0.01	45.16 3.65 -0.01	46.61 3.89 -0.01	54.09 4.47 -0.02	65.30 4.61 0.00	71.79 4.32 0.00	77.41 3.89 0.00	68.82 2.97 0.00	58.48 2.63 0.00	48.78 2.32 0.00	40.62 1.90 0.00
RAVENSWOOD___3 23535	41.44 2.57 0.00	34.86 2.04 0.00	31.76 1.91 0.00	30.73 1.79 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.07 1.84 0.00	41.00 2.28 0.00	35.37 2.35 0.00	33.74 2.67 0.00	34.90 2.82 0.00	36.45 2.85 0.00	38.36 2.61 0.00	40.57 3.04 0.00	44.98 3.49 0.00	46.43 3.71 0.00	53.94 4.31 -0.02	65.24 4.55 0.00	71.85 4.38 0.00	77.56 4.04 0.00	68.89 3.03 0.00	58.48 2.63 0.00	48.78 2.32 0.00	40.54 1.82 0.00
RAVENSWOOD___4 23820	41.56 2.68 -0.01	35.00 2.17 -0.01	31.85 2.00 -0.01	30.82 1.88 -0.01	30.64 1.84 -0.01	33.05 1.81 0.00	41.07 1.84 0.00	41.04 2.32 0.00	35.44 2.41 0.00	33.83 2.76 0.00	35.00 2.92 0.00	36.52 2.92 0.00	38.47 2.72 0.00	40.68 3.15 0.00	45.16 3.65 -0.01	46.61 3.89 -0.01	54.09 4.47 -0.02	65.30 4.61 0.00	71.79 4.32 0.00	77.41 3.89 0.00	68.75 2.89 0.00	58.48 2.63 0.00	48.78 2.32 0.00	40.58 1.86 0.00
RCPL_TRUST___DRP 24196	41.52 2.64 0.00	34.89 2.07 0.00	31.79 1.94 0.00	30.73 1.79 0.00	30.55 1.76 0.00	32.99 1.75 0.00	41.15 1.92 0.00	41.08 2.36 0.00	35.47 2.44 0.00	33.83 2.76 0.00	35.00 2.92 0.00	36.52 2.92 0.00	38.47 2.72 0.00	40.68 3.15 0.00	45.11 3.61 0.00	46.56 3.84 0.00	54.08 4.46 -0.01	65.54 4.86 0.00	72.25 4.79 0.00	77.78 4.26 0.00	69.08 3.23 0.00	58.64 2.79 0.00	48.88 2.42 0.00	40.54 1.82 0.00
RED___ROCHESTER 323720	36.85 -2.02 0.00	31.15 -1.67 0.00	28.17 -1.67 0.00	27.25 -1.68 0.00	27.15 -1.64 0.00	28.68 -2.00 0.56	34.77 -2.39 2.06	36.04 -2.67 0.00	31.48 -1.55 0.00	30.10 -0.96 0.00	31.41 -0.68 0.00	32.92 -0.67 0.00	34.61 -1.15 0.00	36.11 -1.43 0.00	39.75 -1.74 0.00	41.04 -1.50 0.17	46.02 -2.28 1.30	56.35 -1.70 2.64	63.56 -1.48 2.41	69.92 -1.47 2.13	61.75 -1.58 2.53	51.13 -2.24 2.49	42.55 -2.28 1.64	37.14 -1.47 0.11
REGAN___SOLAR 323812	41.05 2.18 0.00	34.66 1.84 0.00	31.52 1.67 0.00	30.58 1.65 0.00	30.46 1.67 0.00	32.99 1.75 0.00	40.99 1.77 0.00	39.53 0.81 0.00	33.06 0.03 0.00	30.94 -0.12 0.00	31.70 -0.38 0.00	33.26 -0.34 0.00	35.18 -0.57 0.00	37.19 -0.34 0.00	41.25 -0.25 0.00	42.46 -0.25 0.00	49.66 0.05 0.00	61.48 0.79 0.00	69.69 2.22 0.00	77.49 3.97 0.00	70.01 4.15 0.00	59.37 3.52 0.00	49.15 2.69 0.00	40.85 2.13 0.00
RENSSELAER___COGEN 23796	39.73 0.85 0.00	33.71 0.89 0.00	30.74 0.89 0.00	29.80 0.87 0.00	29.63 0.84 0.00	31.99 0.75 0.00	39.97 0.74 0.00	39.49 0.77 0.00	33.36 0.33 0.00	31.53 0.47 0.00	32.47 0.39 0.00	33.97 0.37 0.00	35.93 0.18 0.00	37.91 0.38 0.00	41.91 0.41 0.00	43.10 0.38 0.00	50.15 0.55 0.00	61.30 0.61 0.00	68.07 0.61 0.00	74.18 0.66 0.00	66.52 0.66 0.00	56.52 0.67 0.00	47.06 0.60 0.00	39.31 0.58 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.92 4.04 0.00	36.17 3.35 0.00	32.86 3.01 0.00	31.94 3.01 0.00	31.82 3.02 0.00	34.52 3.28 0.00	43.23 4.00 0.00	42.01 3.29 0.00	35.07 2.05 0.00	32.96 1.90 0.00	33.72 1.64 0.00	35.51 1.91 0.00	37.43 1.68 0.00	39.82 2.29 0.00	44.28 2.78 0.00	44.63 1.92 0.00	51.99 2.38 0.00	64.27 3.58 0.00	72.25 4.79 0.00	79.92 6.40 0.00	71.98 6.12 0.00	61.10 5.25 0.00	50.55 4.09 0.00	42.48 3.76 0.00
REVERE_CPPR_DRP 24186	39.77 0.89 0.00	33.68 0.85 0.00	30.53 0.69 0.00	29.60 0.67 0.00	29.51 0.72 0.00	32.02 0.78 0.00	40.17 0.94 0.00	39.43 0.70 -0.02	33.42 0.40 0.00	32.51 0.40 -1.04	32.47 0.38 0.00	34.78 0.47 -0.72	36.57 0.43 -0.38	37.91 0.38 0.00	42.25 0.41 -0.34	43.49 0.47 -0.30	50.44 0.64 -0.19	61.83 1.15 0.01	69.48 2.02 0.00	76.52 2.79 -0.20	68.42 2.63 0.07	57.91 2.18 0.11	48.10 1.58 -0.06	40.04 1.12 -0.20
REYNLDDPA_13_KV_LD 356490	38.84 -0.04 0.00	32.73 -0.10 0.00	29.70 -0.15 0.00	28.85 -0.09 0.00	28.68 -0.11 0.00	31.27 0.03 0.00	39.42 0.20 0.00	38.92 0.23 0.03	33.23 0.20 0.00	29.34 -0.03 1.69	31.95 -0.13 0.00	32.37 -0.07 1.16	35.42 0.28 0.62	37.83 0.30 0.00	41.75 0.25 0.00	42.84 0.13 0.00	49.81 0.20 0.00	60.08 -0.61 0.00	66.86 -0.61 0.00	73.08 -0.44 0.00	65.66 -0.20 0.00	55.91 0.06 0.00	46.88 0.42 0.00	39.00 0.27 0.00
REYNOLDS_115KV_TB3 80639	40.08 1.21 0.00	33.91 1.08 0.00	30.89 1.04 0.00	29.97 1.04 0.00	29.80 1.01 0.00	32.18 0.94 0.00	40.21 0.98 0.00	39.72 1.01 0.00	33.62 0.59 0.00	31.78 0.71 0.00	32.75 0.67 0.00	34.23 0.64 0.00	36.18 0.43 0.00	38.17 0.64 0.00	42.20 0.71 0.00	43.40 0.68 0.00	50.55 0.94 0.00	61.84 1.15 0.00	68.68 1.21 0.00	74.77 1.25 0.00	67.11 1.25 0.00	57.02 1.17 0.00	47.48 1.02 0.00	39.61 0.89 0.00

RIVERBAY____ 323610	42.42 3.54 -0.01	35.62 2.79 -0.01	32.45 2.60 -0.01	31.37 2.43 -0.01	31.19 2.39 -0.01	33.71 2.47 0.00	41.58 2.35 0.00	41.50 2.79 0.00	35.90 2.87 0.00	34.27 3.20 0.00	35.39 3.30 0.00	36.92 3.33 0.00	38.90 3.15 0.00	41.10 3.57 0.00	45.74 4.23 -0.01	47.20 4.48 -0.01	54.68 5.06 -0.02	66.15 5.46 0.00	72.86 5.40 0.00	78.37 4.85 0.00	69.61 3.75 0.00	59.14 3.30 0.00	49.39 2.93 0.00	41.12 2.40 0.00
RIVERSDE_115KV_TB3 55908	39.81 0.93 0.00	33.78 0.95 0.00	30.80 0.96 0.00	29.86 0.93 0.00	29.69 0.89 0.00	32.06 0.81 0.00	40.05 0.82 0.00	39.57 0.85 0.00	33.42 0.40 0.00	31.59 0.53 0.00	32.53 0.45 0.00	34.03 0.44 0.00	35.97 0.21 0.00	37.94 0.41 0.00	41.99 0.50 0.00	43.18 0.47 0.00	50.25 0.64 0.00	61.42 0.73 0.00	68.27 0.81 0.00	74.33 0.81 0.00	66.65 0.79 0.00	56.63 0.78 0.00	47.16 0.70 0.00	39.34 0.62 0.00
ROARING__BROOK_WT_PWR 323790	38.64 -0.23 0.00	32.66 -0.16 0.00	29.70 -0.15 0.00	28.82 -0.12 0.00	28.65 -0.14 0.00	31.12 -0.12 0.00	39.11 -0.12 0.00	38.60 -0.12 0.00	32.96 -0.07 0.00	31.00 -0.06 0.00	32.02 -0.06 0.00	33.53 -0.07 0.00	35.72 -0.04 0.00	37.49 -0.04 0.00	41.45 -0.04 0.00	42.63 -0.09 0.00	49.51 -0.10 0.00	60.57 -0.12 0.00	67.33 -0.13 0.00	73.45 -0.07 0.00	65.79 -0.07 0.00	55.74 -0.11 0.00	46.32 -0.14 0.00	38.57 -0.15 0.00
ROCHESRG_115KV_T4 355643	36.38 -2.49 0.01	30.82 -2.00 0.00	27.90 -1.94 0.01	27.02 -1.91 0.01	26.83 -1.96 0.01	28.26 -2.34 0.64	34.01 -2.86 2.35	35.61 -3.10 0.00	31.08 -1.95 0.00	29.76 -1.30 0.00	30.99 -1.09 0.00	32.49 -1.11 0.00	34.07 -1.68 0.00	35.58 -1.95 0.00	39.21 -2.28 0.00	40.44 -2.09 0.18	45.24 -3.03 1.34	55.19 -2.79 2.71	61.94 -3.04 2.49	68.82 -2.50 2.20	60.66 -2.57 2.63	49.98 -3.18 2.68	41.62 -3.02 1.82	36.68 -1.94 0.11
ROCHESTER_9_IC 23652	36.69 -2.18 0.00	31.05 -1.77 0.00	28.08 -1.76 0.00	27.19 -1.74 0.00	27.03 -1.76 0.00	28.59 -2.12 0.52	34.75 -2.55 1.92	35.89 -2.83 0.00	31.34 -1.68 0.00	30.01 -1.06 0.00	31.28 -0.80 0.00	32.79 -0.81 0.00	34.40 -1.36 0.00	35.92 -1.61 0.00	39.59 -1.91 0.00	40.83 -1.71 0.17	45.74 -2.58 1.29	55.90 -2.18 2.60	62.72 -2.36 2.38	69.63 -1.76 2.12	61.42 -1.91 2.53	50.76 -2.57 2.52	42.23 -2.56 1.67	36.99 -1.63 0.11
ROCKVIEW_13_KV_LD 356306	41.40 2.53 0.00	34.86 2.04 0.00	31.73 1.88 0.00	30.67 1.74 0.00	30.49 1.70 0.00	32.93 1.69 0.00	41.15 1.92 0.00	41.04 2.32 0.00	35.34 2.31 0.00	33.61 2.55 0.00	34.81 2.73 0.00	36.32 2.72 0.00	38.33 2.57 0.00	40.50 2.97 0.00	44.90 3.40 0.00	46.30 3.59 0.00	53.77 4.17 0.00	65.24 4.55 0.00	72.12 4.65 0.00	77.71 4.19 0.00	69.08 3.23 0.00	58.64 2.79 0.00	48.88 2.42 0.00	40.54 1.82 0.00
ROME____115KV_TB2 80656	39.77 0.89 0.00	33.68 0.85 0.00	30.53 0.69 0.00	29.60 0.67 0.00	29.51 0.72 0.00	32.02 0.78 0.00	40.17 0.94 0.00	39.43 0.70 -0.02	33.42 0.40 0.00	32.51 0.40 -1.04	32.47 0.38 0.00	34.78 0.47 -0.72	36.57 0.43 -0.38	37.91 0.38 0.00	42.25 0.41 -0.34	43.49 0.47 -0.30	50.44 0.64 -0.19	61.83 1.15 0.01	69.48 2.02 0.00	76.52 2.79 -0.20	68.42 2.63 0.07	57.91 2.18 0.11	48.10 1.58 -0.06	40.04 1.12 -0.20
ROSETON__1 23587	40.86 1.98 0.00	34.40 1.58 0.00	31.31 1.46 0.00	30.32 1.39 0.00	30.15 1.35 0.00	32.56 1.31 0.00	40.68 1.45 0.00	40.50 1.78 0.00	34.78 1.75 0.00	33.08 2.02 0.00	34.23 2.15 0.00	35.71 2.12 0.00	37.68 1.93 0.00	39.82 2.29 0.00	44.11 2.62 0.00	45.49 2.77 0.00	52.83 3.22 0.00	64.15 3.46 0.00	70.84 3.37 0.00	76.61 3.09 0.00	68.23 2.37 0.00	57.92 2.07 0.00	48.27 1.81 0.00	40.16 1.43 0.00
ROSETON__2 23588	40.86 1.98 0.00	34.40 1.58 0.00	31.31 1.46 0.00	30.32 1.39 0.00	30.15 1.35 0.00	32.56 1.31 0.00	40.68 1.45 0.00	40.50 1.78 0.00	34.78 1.75 0.00	33.08 2.02 0.00	34.23 2.15 0.00	35.71 2.12 0.00	37.68 1.93 0.00	39.82 2.29 0.00	44.11 2.62 0.00	45.49 2.77 0.00	52.83 3.22 0.00	64.15 3.46 0.00	70.84 3.37 0.00	76.61 3.09 0.00	68.23 2.37 0.00	57.92 2.07 0.00	48.27 1.81 0.00	40.16 1.43 0.00
ROTTDRAM_115KV_TB3 80664	40.04 1.17 0.00	33.78 0.95 0.00	30.74 0.90 0.00	29.83 0.90 0.00	29.69 0.89 0.00	32.09 0.84 0.00	40.17 0.94 0.00	39.53 0.81 0.00	33.59 0.56 0.00	31.69 0.62 0.00	32.69 0.61 0.00	34.20 0.60 0.00	36.22 0.46 0.00	38.13 0.60 0.00	42.20 0.71 0.00	43.35 0.64 0.00	50.45 0.84 0.00	61.78 1.09 0.00	68.75 1.28 0.00	74.99 1.47 0.00	67.31 1.45 0.00	57.13 1.28 0.00	47.53 1.07 0.00	39.65 0.93 0.00
RUSSELL__1 23602	36.85 -2.02 0.00	31.15 -1.67 0.00	28.17 -1.67 0.00	27.28 -1.65 0.00	27.15 -1.64 0.00	28.68 -2.00 0.56	34.78 -2.39 2.06	36.04 -2.67 0.00	31.44 -1.59 0.00	30.10 -0.96 0.00	31.41 -0.67 0.00	32.92 -0.67 0.00	34.57 -1.18 0.00	36.11 -1.43 0.00	39.75 -1.74 0.00	41.04 -1.49 0.17	45.97 -2.33 1.30	56.24 -1.82 2.63	63.03 -2.02 2.41	69.91 -1.47 2.14	61.66 -1.65 2.55	51.00 -2.29 2.56	42.42 -2.32 1.71	37.14 -1.47 0.11
RUSSELL__2 23532	36.85 -2.02 0.00	31.15 -1.67 0.00	28.17 -1.67 0.00	27.28 -1.65 0.00	27.15 -1.64 0.00	28.68 -2.00 0.56	34.78 -2.39 2.06	36.04 -2.67 0.00	31.44 -1.59 0.00	30.10 -0.96 0.00	31.41 -0.67 0.00	32.92 -0.67 0.00	34.57 -1.18 0.00	36.11 -1.43 0.00	39.75 -1.74 0.00	41.04 -1.49 0.17	45.97 -2.33 1.30	56.24 -1.82 2.63	63.03 -2.02 2.41	69.91 -1.47 2.14	61.66 -1.65 2.55	51.00 -2.29 2.56	42.42 -2.32 1.71	37.14 -1.47 0.11
RUSSELL__3 23549	36.85 -2.02 0.00	31.15 -1.67 0.00	28.17 -1.67 0.00	27.28 -1.65 0.00	27.15 -1.64 0.00	28.68 -2.00 0.56	34.78 -2.39 2.06	36.04 -2.67 0.00	31.44 -1.59 0.00	30.10 -0.96 0.00	31.41 -0.67 0.00	32.92 -0.67 0.00	34.57 -1.18 0.00	36.11 -1.43 0.00	39.75 -1.74 0.00	41.04 -1.49 0.17	45.97 -2.33 1.30	56.24 -1.82 2.63	63.03 -2.02 2.41	69.91 -1.47 2.14	61.66 -1.65 2.55	51.00 -2.29 2.56	42.42 -2.32 1.71	37.14 -1.47 0.11
RUSSELL__4 23556	36.85 -2.02 0.00	31.15 -1.67 0.00	28.17 -1.67 0.00	27.28 -1.65 0.00	27.15 -1.64 0.00	28.68 -2.00 0.56	34.78 -2.39 2.06	36.04 -2.67 0.00	31.44 -1.59 0.00	30.10 -0.96 0.00	31.41 -0.67 0.00	32.92 -0.67 0.00	34.57 -1.18 0.00	36.11 -1.43 0.00	39.75 -1.74 0.00	41.04 -1.49 0.17	45.97 -2.33 1.30	56.24 -1.82 2.63	63.03 -2.02 2.41	69.91 -1.47 2.14	61.66 -1.65 2.55	51.00 -2.29 2.56	42.42 -2.32 1.71	37.14 -1.47 0.11
RUSSELL__STATION 23914	36.85 -2.02 0.00	31.15 -1.67 0.00	28.17 -1.67 0.00	27.28 -1.65 0.00	27.15 -1.64 0.00	28.68 -2.00 0.56	34.78 -2.39 2.06	36.04 -2.67 0.00	31.44 -1.59 0.00	30.10 -0.96 0.00	31.41 -0.67 0.00	32.92 -0.67 0.00	34.57 -1.18 0.00	36.11 -1.43 0.00	39.75 -1.74 0.00	41.04 -1.49 0.17	45.97 -2.33 1.30	56.24 -1.82 2.63	63.03 -2.02 2.41	69.91 -1.47 2.14	61.66 -1.65 2.55	51.00 -2.29 2.56	42.42 -2.32 1.71	37.14 -1.47 0.11

S SALMON___HYD 24043	38.64 -0.23 0.00	32.73 -0.10 0.00	29.70 -0.15 0.00	28.76 -0.17 0.00	28.68 -0.11 0.00	31.12 -0.12 0.00	38.99 -0.23 0.00	38.35 -0.39 -0.02	32.60 -0.43 0.00	31.90 -0.34 -1.17	31.73 -0.35 0.00	34.06 -0.34 -0.80	35.68 -0.50 -0.43	36.78 -0.75 0.00	42.14 -0.83 -1.48	43.42 -0.77 -1.47	50.49 -0.99 -1.87	62.02 -0.79 -2.12	69.16 -0.27 -1.96	76.49 0.22 -2.75	68.08 0.40 -1.82	57.39 0.22 -1.31	47.76 0.00 -1.30	39.60 -0.08 -0.95
S.PERRY___115KV_TB1 80734	37.82 -1.13 -0.08	31.94 -0.89 0.00	28.97 -0.96 -0.08	28.02 -0.98 -0.08	28.01 -0.86 -0.08	39.70 -0.91 -9.36	72.48 -1.14 -34.40	50.04 -1.78 -13.10	31.57 -1.45 0.00	30.10 -0.96 0.00	31.25 -0.83 0.00	32.79 -0.81 0.00	34.40 -1.36 0.00	35.99 -1.54 0.00	39.88 -1.62 0.00	41.52 -1.28 -0.09	49.53 -1.49 -1.41	62.65 -0.61 -2.57	70.12 0.13 -2.52	74.83 0.88 -0.43	68.80 0.72 -2.22	64.39 0.22 -8.32	54.71 -0.51 -8.76	38.06 -0.58 0.08
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.65 -4.20 0.02	29.41 -3.41 0.00	26.60 -3.22 0.02	25.75 -3.15 0.02	25.69 -3.08 0.02	25.07 -3.37 2.80	24.79 -4.24 10.20	31.47 -4.65 2.60	29.63 -3.40 0.00	28.77 -2.30 0.00	30.00 -2.09 0.00	31.41 -2.18 0.00	32.68 -3.07 0.00	34.15 -3.38 0.00	37.72 -3.78 0.00	38.96 -3.55 0.21	43.63 -4.22 1.76	52.94 -4.25 3.50	59.58 -4.65 3.23	65.35 -5.73 2.43	56.93 -5.60 3.33	46.16 -4.91 4.77	38.04 -4.46 3.96	34.72 -3.91 0.10
SAWYER___23_KV_LOAD 55526	34.65 -4.20 0.02	29.41 -3.41 0.00	26.60 -3.22 0.02	25.75 -3.15 0.02	25.69 -3.08 0.02	25.07 -3.37 2.80	24.79 -4.24 10.20	31.47 -4.65 2.60	29.63 -3.40 0.00	28.77 -2.30 0.00	30.00 -2.09 0.00	31.41 -2.18 0.00	32.68 -3.07 0.00	34.15 -3.38 0.00	37.72 -3.78 0.00	38.96 -3.55 0.21	43.63 -4.22 1.76	52.94 -4.25 3.50	59.58 -4.65 3.23	65.35 -5.73 2.43	56.93 -5.60 3.33	46.16 -4.91 4.77	38.04 -4.46 3.96	34.72 -3.91 0.10
SELKIRK___I 23801	40.00 1.13 0.00	33.88 1.05 0.00	30.86 1.02 0.00	29.94 1.01 0.00	29.77 0.98 0.00	32.15 0.91 0.00	40.13 0.90 0.00	39.53 0.81 0.00	33.39 0.36 0.00	31.50 0.43 0.00	32.47 0.39 0.00	33.97 0.37 0.00	35.93 0.18 0.00	37.91 0.38 0.00	41.95 0.46 0.00	43.14 0.43 0.00	50.20 0.60 0.00	61.48 0.79 0.00	68.41 0.94 0.00	74.77 1.25 0.00	67.04 1.19 0.00	57.02 1.17 0.00	47.44 0.98 0.00	39.62 0.89 0.00
SELKIRK___II 23799	39.77 0.89 0.00	33.68 0.85 0.00	30.68 0.83 0.00	29.77 0.84 0.00	29.60 0.81 0.00	31.96 0.72 0.00	39.93 0.71 0.00	39.45 0.73 0.00	33.46 0.43 0.00	31.59 0.53 0.00	32.59 0.51 0.00	34.07 0.47 0.00	36.04 0.28 0.00	37.98 0.45 0.00	42.03 0.54 0.00	43.23 0.51 0.00	50.30 0.69 0.00	61.48 0.79 0.00	68.21 0.74 0.00	74.25 0.74 0.00	66.58 0.73 0.00	56.57 0.72 0.00	47.11 0.65 0.00	39.34 0.62 0.00
SENECA OSWGO___HYD 24041	37.86 -1.01 0.00	32.07 -0.75 0.00	29.13 -0.72 0.00	28.21 -0.72 0.00	28.10 -0.69 0.00	30.46 -0.78 0.00	38.17 -1.06 0.00	37.64 -1.08 -0.01	32.14 -0.89 0.00	30.75 -0.71 -0.40	31.41 -0.68 0.00	33.19 -0.67 -0.27	34.97 -0.93 -0.15	36.33 -1.20 0.00	42.40 -1.33 -2.23	43.75 -1.24 -2.27	51.26 -1.54 -3.19	62.99 -1.64 -3.94	69.41 -1.68 -3.63	76.61 -1.69 -4.77	67.88 -1.45 -3.47	57.05 -1.39 -2.60	47.53 -1.25 -2.32	39.16 -1.04 -1.48
SENECA___115KV_TB3 355854	35.04 -3.81 0.03	29.71 -3.12 0.00	26.90 -2.92 0.03	26.01 -2.89 0.03	26.03 -2.74 0.03	25.31 -2.84 3.09	24.41 -3.53 11.28	31.87 -3.95 2.90	29.96 -3.07 0.00	29.08 -1.99 0.00	30.29 -1.80 0.00	31.71 -1.88 0.00	33.07 -2.68 0.00	34.60 -2.93 0.00	38.22 -3.28 0.00	39.47 -3.03 0.21	44.65 -3.18 1.78	54.11 -3.03 3.55	61.15 -3.03 3.28	66.03 -5.15 2.35	57.53 -5.14 3.19	47.49 -3.80 4.56	39.20 -3.49 3.78	34.72 -3.91 0.09
SENECA___ENERGY 23797	38.65 -0.23 -0.01	32.73 -0.10 0.00	29.68 -0.18 -0.01	28.71 -0.23 -0.01	28.69 -0.11 -0.01	32.65 -0.03 -1.44	44.31 -0.20 -5.28	40.33 -0.27 -1.88	32.66 -0.36 0.00	31.12 -0.19 -0.24	32.02 -0.06 0.00	33.79 0.03 -0.17	35.63 -0.21 -0.09	37.16 -0.38 0.00	42.22 -0.37 -1.10	43.63 -0.17 -1.09	51.09 -0.05 -1.53	63.06 0.54 -1.82	70.19 1.01 -1.71	76.34 0.89 -1.94	68.13 0.79 -1.48	58.58 0.78 -1.95	48.80 0.28 -2.06	39.25 -0.15 -0.68
SHOEMAKER___GT 23640	40.51 1.63 0.00	34.14 1.31 0.00	31.07 1.22 0.00	30.09 1.16 0.00	29.89 1.09 0.00	32.31 1.06 0.00	40.87 1.65 0.00	40.61 1.90 0.00	34.84 1.82 0.00	33.02 1.96 0.00	34.17 2.08 0.00	35.71 2.12 0.00	37.65 1.89 0.00	39.82 2.29 0.00	44.19 2.70 0.00	45.66 2.94 0.00	53.08 3.47 0.00	64.82 4.13 0.00	71.72 4.25 0.00	77.78 4.26 0.00	69.21 3.36 0.00	58.70 2.85 0.00	48.69 2.23 0.00	40.43 1.70 0.00
SHOEMAKR_138KV_BK 111 55601	40.51 1.63 0.00	34.14 1.31 0.00	31.07 1.22 0.00	30.09 1.16 0.00	29.92 1.12 0.00	32.31 1.06 0.00	40.83 1.61 0.00	40.61 1.90 0.00	34.84 1.82 0.00	33.02 1.96 0.00	34.20 2.12 0.00	35.71 2.12 0.00	37.65 1.89 0.00	39.86 2.33 0.00	44.19 2.70 0.00	45.66 2.95 0.00	53.08 3.47 0.00	64.82 4.13 0.00	71.85 4.39 0.00	77.71 4.19 0.00	69.22 3.36 0.00	58.64 2.79 0.00	48.69 2.23 0.00	40.35 1.63 0.00
SHOREHAM_IC_1 23715	55.62 3.73 -13.01	41.52 2.72 -5.97	32.20 2.36 0.00	31.10 2.17 0.00	30.95 2.16 0.00	33.40 2.15 0.00	41.89 2.67 0.00	44.06 3.33 -2.01	44.74 3.04 -8.68	45.37 3.29 -11.01	40.80 3.62 -5.09	44.21 3.60 -7.02	45.78 3.40 -6.62	51.10 3.87 -9.71	57.36 4.23 -11.63	60.59 4.53 -13.36	71.96 3.82 -18.53	86.75 4.18 -21.88	89.43 3.78 -18.19	84.02 3.31 -7.19	78.52 1.84 -10.82	73.32 1.73 -15.74	55.83 3.07 -6.30	54.93 2.71 -13.50
SHOREHAM_IC_2 23716	55.62 3.73 -13.01	41.52 2.72 -5.97	32.20 2.36 0.00	31.10 2.17 0.00	30.95 2.16 0.00	33.40 2.15 0.00	41.89 2.67 0.00	44.06 3.33 -2.01	44.74 3.04 -8.68	45.37 3.29 -11.01	40.80 3.62 -5.09	44.21 3.60 -7.02	45.78 3.40 -6.62	51.10 3.87 -9.71	57.36 4.23 -11.63	60.59 4.53 -13.36	71.96 3.82 -18.53	86.75 4.18 -21.88	89.43 3.78 -18.19	84.02 3.31 -7.19	78.52 1.84 -10.82	73.32 1.73 -15.74	55.83 3.07 -6.30	54.93 2.71 -13.50
SISSONVILLE____ 23735	38.84 -0.04 0.00	32.73 -0.10 0.00	29.67 -0.18 0.00	28.85 -0.09 0.00	28.68 -0.12 0.00	31.31 0.06 0.00	39.42 0.20 0.00	39.12 0.23 -0.18	33.13 0.10 0.00	42.70 -0.19 -11.82	31.76 -0.32 0.00	41.48 -0.24 -8.12	40.24 0.14 -4.35	37.68 0.15 0.00	41.54 0.04 0.00	42.37 -0.34 0.00	49.01 -0.60 0.00	59.72 -0.97 0.00	66.79 -0.67 0.00	73.45 -0.07 0.00	66.06 0.20 0.00	56.24 0.39 0.00	47.06 0.60 0.00	39.23 0.50 0.00
SITHE_IND_GS1 24169	37.59 -1.28 0.00	31.87 -0.95 0.00	28.95 -0.89 0.00	28.03 -0.90 0.00	27.93 -0.86 0.00	30.24 -1.00 0.00	37.93 -1.29 0.00	37.40 -1.32 0.00	31.97 -1.06 0.00	30.20 -0.87 0.00	31.22 -0.86 0.00	32.72 -0.87 0.00	34.61 -1.15 0.00	36.03 -1.50 0.00	33.33 -1.66 6.50	33.75 -1.62 7.34	33.16 -1.99 14.46	36.52 -2.18 21.99	44.93 -2.36 20.17	48.20 -2.42 22.90	43.23 -2.24 20.39	37.52 -2.01 16.33	32.88 -1.77 11.81	32.51 -1.43 4.78

SITHE_IND_GS2 24170	37.59 -1.28 0.00	31.87 -0.95 0.00	28.95 -0.89 0.00	28.03 -0.90 0.00	27.93 -0.86 0.00	30.24 -1.00 0.00	37.93 -1.29 0.00	37.40 -1.32 0.00	31.97 -1.06 0.00	30.20 -0.87 0.00	31.22 -0.86 0.00	32.72 -0.87 0.00	34.61 -1.15 0.00	36.03 -1.50 0.00	33.33 -1.66 6.50	33.75 -1.62 7.34	33.16 -1.99 14.46	36.52 -2.18 21.99	44.93 -2.36 20.17	48.20 -2.42 22.90	43.23 -2.24 20.39	37.52 -2.01 16.33	32.88 -1.77 11.81	32.51 -1.43 4.78
SITHE_IND_GS3 24171	37.59 -1.28 0.00	31.87 -0.95 0.00	28.95 -0.89 0.00	28.03 -0.90 0.00	27.93 -0.86 0.00	30.24 -1.00 0.00	37.93 -1.29 0.00	37.40 -1.32 0.00	31.97 -1.06 0.00	30.20 -0.87 0.00	31.22 -0.86 0.00	32.72 -0.87 0.00	34.61 -1.15 0.00	36.03 -1.50 0.00	33.33 -1.66 6.50	33.75 -1.62 7.34	33.16 -1.99 14.46	36.52 -2.18 21.99	44.93 -2.36 20.17	48.20 -2.42 22.90	43.23 -2.24 20.39	37.52 -2.01 16.33	32.88 -1.77 11.81	32.51 -1.43 4.78
SITHE_IND_GS4 24172	37.59 -1.28 0.00	31.87 -0.95 0.00	28.95 -0.89 0.00	28.03 -0.90 0.00	27.93 -0.86 0.00	30.24 -1.00 0.00	37.93 -1.29 0.00	37.40 -1.32 0.00	31.97 -1.06 0.00	30.20 -0.87 0.00	31.22 -0.86 0.00	32.72 -0.87 0.00	34.61 -1.15 0.00	36.03 -1.50 0.00	33.33 -1.66 6.50	33.75 -1.62 7.34	33.16 -1.99 14.46	36.52 -2.18 21.99	44.93 -2.36 20.17	48.20 -2.42 22.90	43.23 -2.24 20.39	37.52 -2.01 16.33	32.88 -1.77 11.81	32.51 -1.43 4.78
SITHE___BATAVIA 24024	35.67 -3.19 0.01	30.20 -2.63 0.00	27.30 -2.54 0.01	26.40 -2.52 0.01	26.36 -2.42 0.01	26.95 -2.59 1.70	29.88 -3.10 6.24	33.73 -3.56 1.42	30.45 -2.58 0.00	29.33 -1.74 0.00	30.61 -1.48 0.00	32.05 -1.54 0.00	33.50 -2.25 0.00	34.98 -2.55 0.00	38.55 -2.95 0.00	39.83 -2.69 0.19	44.75 -3.32 1.53	54.72 -2.91 3.06	62.08 -2.56 2.82	68.19 -3.09 2.24	59.78 -3.23 2.85	49.12 -3.24 3.48	40.69 -3.11 2.65	35.95 -2.67 0.10
SITHE___INDEPEND 23800	37.59 -1.28 0.00	31.87 -0.95 0.00	28.95 -0.90 0.00	28.04 -0.90 0.00	27.93 -0.86 0.00	30.24 -1.00 0.00	37.93 -1.29 0.00	37.40 -1.32 0.00	31.97 -1.06 0.00	30.20 -0.87 0.00	31.21 -0.87 0.00	32.72 -0.87 0.00	34.61 -1.14 0.00	36.03 -1.50 0.00	33.33 -1.66 6.50	33.75 -1.62 7.34	33.16 -1.98 14.46	36.52 -2.18 21.99	44.86 -2.43 20.17	48.12 -2.50 22.89	43.23 -2.24 20.39	37.51 -2.01 16.33	32.88 -1.77 11.81	32.51 -1.43 4.78
SITHE___MASSENA 23902	38.91 0.04 0.00	32.79 -0.03 0.00	29.73 -0.12 0.00	28.90 -0.03 0.00	28.74 -0.06 0.00	31.34 0.09 0.00	39.46 0.24 0.00	39.36 0.39 -0.26	33.36 0.33 0.00	48.39 0.06 -17.26	32.02 -0.06 0.00	45.48 0.03 -11.85	42.53 0.43 -6.35	37.98 0.45 0.00	41.87 0.37 0.00	42.97 0.26 0.00	49.76 0.15 0.00	60.63 -0.06 0.00	67.46 0.00 0.00	73.96 0.44 0.00	66.38 0.52 0.00	56.35 0.50 0.00	47.02 0.56 0.00	39.11 0.39 0.00
SITHE___OGDNSBRG 24021	39.30 0.43 0.00	33.12 0.30 0.00	30.00 0.15 0.00	29.16 0.23 0.00	28.99 0.20 0.00	31.68 0.44 0.00	39.89 0.67 0.00	39.54 0.62 -0.21	33.39 0.36 0.00	45.03 0.03 -13.94	31.92 -0.16 0.00	43.10 -0.07 -9.57	41.27 0.39 -5.12	37.91 0.38 0.00	41.79 0.29 0.00	42.80 0.09 0.00	49.61 0.00 0.00	60.45 -0.24 0.00	67.80 0.34 0.00	74.77 1.25 0.00	67.31 1.45 0.00	57.25 1.40 0.00	47.76 1.30 0.00	39.77 1.05 0.00
SITHE___STERLING 23777	39.49 0.62 0.00	33.42 0.59 0.00	30.32 0.48 0.00	29.39 0.46 0.00	29.28 0.49 0.00	31.77 0.53 0.00	39.81 0.59 0.00	39.15 0.43 -0.01	33.26 0.23 0.00	32.02 0.25 -0.71	32.34 0.26 0.00	34.42 0.34 -0.49	36.27 0.25 -0.26	37.72 0.19 0.00	42.08 0.21 -0.37	43.30 0.26 -0.33	50.18 0.40 -0.18	61.41 0.79 0.06	68.83 1.42 0.05	75.69 1.99 -0.18	67.57 1.84 0.13	57.19 1.51 0.17	47.57 1.07 -0.04	39.67 0.73 -0.21
SLEIGHT__34_KV_TB1 80719	37.12 -1.75 0.00	31.45 -1.38 0.00	28.50 -1.34 0.00	27.57 -1.36 0.00	27.47 -1.32 0.00	29.29 -1.59 0.36	35.94 -1.96 1.32	36.58 -2.13 0.00	31.61 -1.42 0.00	30.04 -1.03 0.00	31.28 -0.80 0.00	32.79 -0.81 0.00	34.54 -1.22 0.00	36.07 -1.46 0.00	39.99 -1.70 -0.19	41.23 -1.54 -0.05	46.68 -2.13 0.80	57.04 -1.82 1.83	63.90 -1.89 1.67	70.75 -1.40 1.38	62.60 -1.45 1.81	52.13 -1.90 1.82	43.38 -1.95 1.13	37.44 -1.32 -0.04
SOUTH CAIRO___GT 23612	40.70 1.83 0.00	34.50 1.67 0.00	31.43 1.58 0.00	30.49 1.56 0.00	30.26 1.47 0.00	32.65 1.41 0.00	40.79 1.57 0.00	40.03 1.32 0.00	33.65 0.63 0.00	31.53 0.47 0.00	32.50 0.42 0.00	34.00 0.40 0.00	35.93 0.18 0.00	38.02 0.49 0.00	42.20 0.71 0.00	43.52 0.81 0.00	50.85 1.24 0.00	62.81 2.12 0.00	70.23 2.77 0.00	76.90 3.38 0.00	69.08 3.23 0.00	58.64 2.79 0.00	48.41 1.95 0.00	40.23 1.51 0.00
SOUTH HAMPTN___IC 23720	55.10 3.77 -12.46	41.27 2.72 -5.72	32.20 2.36 0.00	31.10 2.17 0.00	30.95 2.16 0.00	33.40 2.15 0.00	41.93 2.70 0.00	44.09 3.44 -1.93	44.47 3.14 -8.31	45.03 3.42 -10.54	40.74 3.78 -4.88	44.08 3.76 -6.72	45.64 3.54 -6.34	50.91 4.09 -9.29	57.22 4.56 -11.16	60.41 4.87 -12.83	71.76 4.41 -17.74	86.55 4.91 -20.95	89.40 4.52 -17.41	84.52 4.11 -6.88	78.78 2.57 -10.35	73.21 2.29 -15.07	55.98 3.49 -6.03	54.67 3.02 -12.92
SOUTHDOW__115KV_TB1 355954	35.78 -3.07 0.02	30.17 -2.66 0.00	27.32 -2.51 0.02	26.48 -2.43 0.02	26.61 -2.16 0.02	26.44 -2.00 2.80	26.54 -2.43 10.25	33.24 -2.83 2.65	30.65 -2.38 0.00	29.89 -1.18 0.00	31.12 -0.96 0.00	32.65 -0.94 0.00	34.07 -1.68 0.00	35.73 -1.80 0.00	39.55 -1.95 0.00	40.81 -1.71 0.19	46.83 -1.14 1.63	56.65 -0.79 3.25	63.99 -0.47 3.01	67.75 -3.53 2.24	58.88 -3.89 3.09	49.39 -1.90 4.56	40.39 -2.23 3.84	34.69 -3.95 0.09
SOUTHOLD_69_KV_BK 2 55809	54.88 3.54 -12.46	41.14 2.59 -5.72	32.12 2.27 0.00	30.99 2.05 0.00	30.84 2.04 0.00	33.31 2.06 0.00	41.81 2.59 0.00	44.09 3.45 -1.93	44.47 3.14 -8.31	45.00 3.39 -10.55	40.74 3.79 -4.87	44.11 3.80 -6.72	45.64 3.54 -6.34	50.95 4.13 -9.29	57.35 4.69 -11.16	60.63 5.08 -12.84	72.22 4.86 -17.75	87.17 5.52 -20.96	90.21 5.33 -17.42	85.11 4.71 -6.89	79.45 3.23 -10.36	73.72 2.79 -15.08	56.54 4.04 -6.04	54.91 3.25 -12.93
SOUTHOLD___IC 23719	54.99 3.65 -12.46	41.14 2.59 -5.72	32.09 2.24 0.00	30.99 2.05 0.00	30.84 2.04 0.00	33.30 2.06 0.00	41.85 2.63 0.00	44.09 3.44 -1.93	44.44 3.10 -8.31	45.00 3.39 -10.55	40.74 3.78 -4.88	44.12 3.80 -6.73	45.64 3.54 -6.34	50.96 4.13 -9.30	57.35 4.69 -11.16	60.63 5.08 -12.84	72.17 4.81 -17.75	87.11 5.46 -20.96	89.95 5.06 -17.42	85.12 4.71 -6.89	79.38 3.16 -10.36	73.72 2.79 -15.08	56.35 3.85 -6.04	54.94 3.29 -12.93
SOUTH_FORK_WT_PWR 323839	54.52 3.19 -12.46	40.75 2.20 -5.72	31.73 1.88 0.00	30.67 1.74 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.46 2.23 0.00	43.74 3.10 -1.93	44.14 2.81 -8.31	44.69 3.08 -10.55	40.42 3.47 -4.88	43.75 3.43 -6.72	45.28 3.18 -6.34	50.58 3.75 -9.29	56.97 4.32 -11.16	60.28 4.74 -12.83	71.82 4.47 -17.75	86.62 4.98 -20.95	89.47 4.59 -17.42	84.67 4.26 -6.89	78.98 2.77 -10.36	73.38 2.45 -15.07	56.12 3.63 -6.04	54.79 3.14 -12.93

SPIERFLS_115KV_TB 1 80737	41.25 2.37 0.00	34.80 1.97 0.00	31.64 1.79 0.00	30.70 1.76 0.00	30.55 1.76 0.00	33.09 1.84 0.00	41.42 2.20 0.00	40.57 1.86 0.00	34.18 1.16 0.00	32.22 1.15 0.00	33.11 1.03 0.00	34.74 1.14 0.00	36.72 0.97 0.00	38.85 1.31 0.00	43.07 1.58 0.00	43.27 0.56 0.00	50.15 0.55 0.00	61.66 0.97 0.00	68.68 1.21 0.00	75.21 1.69 0.00	67.57 1.71 0.00	57.36 1.51 0.00	47.85 1.39 0.00	40.66 1.94 0.00
ST LAWRENCE____ 23600	38.56 -0.31 0.00	32.53 -0.30 0.00	29.52 -0.33 0.00	28.67 -0.26 0.00	28.50 -0.29 0.00	31.09 -0.16 0.00	39.19 -0.04 0.00	38.66 -0.04 0.02	32.99 -0.03 0.00	29.49 -0.25 1.32	31.76 -0.32 0.00	32.42 -0.27 0.91	35.30 0.04 0.49	37.57 0.04 0.00	41.50 0.00 0.00	42.63 -0.09 0.00	49.51 -0.10 0.00	60.39 -0.30 0.00	67.13 -0.34 0.00	73.37 -0.15 0.00	65.79 -0.07 0.00	55.85 0.00 0.00	46.55 0.09 0.00	38.76 0.04 0.00
STATE_CA_115KV_115_LB 55624	39.92 1.05 0.00	33.88 1.05 0.00	30.89 1.04 0.00	29.94 1.01 0.00	29.77 0.98 0.00	32.15 0.91 0.00	40.21 0.98 0.00	39.68 0.97 0.00	33.52 0.50 0.00	31.66 0.59 0.00	32.59 0.51 0.00	34.10 0.50 0.00	36.08 0.32 0.00	38.09 0.56 0.00	42.16 0.66 0.00	43.35 0.64 0.00	50.45 0.84 0.00	61.72 1.03 0.00	68.61 1.15 0.00	74.77 1.25 0.00	67.04 1.19 0.00	56.97 1.12 0.00	47.39 0.93 0.00	39.50 0.77 0.00
STATE_ST_34_KV_LOAD 55959	38.57 -0.31 -0.01	32.66 -0.16 0.00	29.64 -0.21 -0.01	28.68 -0.26 -0.01	28.63 -0.17 -0.01	31.69 -0.22 -0.66	41.27 -0.39 -2.44	39.08 -0.46 -0.83	32.63 -0.40 0.00	31.06 -0.25 -0.24	31.92 -0.16 0.00	33.70 -0.07 -0.17	35.52 -0.32 -0.09	37.01 -0.53 0.00	42.08 -0.54 -1.12	43.43 -0.38 -1.10	50.53 -0.45 -1.37	62.12 -0.06 -1.49	69.06 0.20 -1.40	75.81 0.44 -1.85	67.50 0.40 -1.25	57.41 0.22 -1.34	47.79 -0.14 -1.47	39.19 -0.23 -0.70
STATION 5_MISC_HYD 23604	36.69 -2.18 0.00	31.05 -1.77 0.00	28.08 -1.76 0.00	27.16 -1.77 0.00	27.06 -1.73 0.00	28.59 -2.13 0.52	34.75 -2.55 1.92	35.89 -2.82 0.00	31.34 -1.68 0.00	30.01 -1.06 0.00	31.28 -0.80 0.00	32.79 -0.81 0.00	34.43 -1.32 0.00	35.92 -1.61 0.00	39.59 -1.91 0.00	40.83 -1.71 0.17	45.79 -2.53 1.29	56.02 -2.06 2.61	63.26 -1.82 2.39	69.64 -1.77 2.11	61.52 -1.84 2.50	50.84 -2.57 2.44	42.35 -2.51 1.60	36.99 -1.62 0.11
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.01 -1.87 0.00	31.32 -1.51 0.00	28.38 -1.46 0.00	27.45 -1.48 0.00	27.32 -1.47 0.00	29.06 -1.75 0.43	35.53 -2.12 1.58	36.39 -2.32 0.00	31.57 -1.45 0.00	30.10 -0.96 0.00	31.34 -0.74 0.00	32.86 -0.74 0.00	34.54 -1.22 0.00	36.07 -1.46 0.00	39.79 -1.70 0.00	41.03 -1.54 0.14	46.30 -2.23 1.07	56.64 -1.88 2.17	63.45 -2.02 1.99	70.20 -1.54 1.77	62.11 -1.65 2.11	51.58 -2.18 2.09	42.89 -2.18 1.39	37.20 -1.43 0.09
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.58 -2.29 0.00	30.95 -1.87 0.00	27.99 -1.85 0.00	27.10 -1.82 0.00	26.97 -1.81 0.00	28.48 -2.22 0.54	34.56 -2.67 1.99	35.81 -2.90 0.00	31.24 -1.78 0.00	29.89 -1.18 0.00	31.12 -0.96 0.00	32.62 -0.97 0.00	34.25 -1.50 0.00	35.77 -1.76 0.00	39.42 -2.07 0.00	40.66 -1.88 0.17	45.58 -2.73 1.29	55.64 -2.43 2.62	62.37 -2.70 2.40	69.33 -2.06 2.13	61.14 -2.17 2.54	50.46 -2.85 2.54	42.03 -2.74 1.69	36.83 -1.78 0.11
STA_56____34_KV_BUS2 355983	36.58 -2.29 0.00	30.95 -1.87 0.00	27.99 -1.85 0.00	27.10 -1.82 0.00	26.97 -1.81 0.00	28.48 -2.22 0.54	34.56 -2.67 1.99	35.81 -2.90 0.00	31.24 -1.78 0.00	29.89 -1.18 0.00	31.12 -0.96 0.00	32.62 -0.97 0.00	34.25 -1.50 0.00	35.77 -1.76 0.00	39.42 -2.07 0.00	40.66 -1.88 0.17	45.58 -2.73 1.29	55.64 -2.43 2.62	62.37 -2.70 2.40	69.33 -2.06 2.13	61.14 -2.17 2.54	50.46 -2.85 2.54	42.03 -2.74 1.69	36.83 -1.78 0.11
STA_67____115KV_BK2 355882	36.62 -2.25 0.00	30.99 -1.84 0.00	28.05 -1.79 0.00	27.16 -1.76 0.00	27.00 -1.79 0.00	28.57 -2.16 0.51	34.71 -2.63 1.89	35.85 -2.87 0.00	31.28 -1.75 0.00	29.95 -1.12 0.00	31.21 -0.87 0.00	32.72 -0.87 0.00	34.32 -1.43 0.00	35.84 -1.69 0.00	39.50 -1.99 0.00	40.75 -1.79 0.17	45.65 -2.68 1.28	55.79 -2.31 2.59	62.59 -2.50 2.37	69.49 -1.91 2.12	61.30 -2.04 2.52	50.67 -2.68 2.50	42.15 -2.65 1.66	36.95 -1.67 0.11
STA_7____115KV_9TRANS 80674	36.85 -2.02 0.00	31.15 -1.67 0.00	28.17 -1.67 0.00	27.28 -1.65 0.00	27.15 -1.64 0.00	28.68 -2.00 0.56	34.78 -2.39 2.06	36.04 -2.67 0.00	31.44 -1.59 0.00	30.10 -0.96 0.00	31.41 -0.67 0.00	32.92 -0.67 0.00	34.57 -1.18 0.00	36.11 -1.43 0.00	39.75 -1.74 0.00	41.04 -1.49 0.17	45.97 -2.33 1.30	56.24 -1.82 2.63	63.03 -2.02 2.41	69.91 -1.47 2.14	61.66 -1.65 2.55	51.00 -2.29 2.56	42.42 -2.32 1.71	37.14 -1.47 0.11
STA_82____115KV_TB1 80780	36.58 -2.29 0.00	30.95 -1.87 0.00	28.02 -1.82 0.00	27.11 -1.82 0.00	26.97 -1.81 0.00	28.52 -2.22 0.51	34.69 -2.67 1.87	35.77 -2.94 0.00	31.21 -1.82 0.00	29.89 -1.18 0.00	31.15 -0.93 0.00	32.65 -0.94 0.00	34.25 -1.50 0.00	35.77 -1.76 0.00	39.42 -2.07 0.00	40.66 -1.88 0.17	45.55 -2.78 1.28	55.67 -2.43 2.59	62.46 -2.63 2.37	69.35 -2.06 2.11	61.17 -2.17 2.51	50.57 -2.79 2.49	42.07 -2.74 1.65	36.87 -1.74 0.11
STEEL____WIND 323596	35.00 -3.85 0.03	29.71 -3.12 0.00	26.87 -2.96 0.03	26.01 -2.89 0.03	26.00 -2.76 0.03	25.31 -2.84 3.09	24.41 -3.53 11.28	31.83 -3.99 2.90	29.92 -3.11 0.00	29.05 -2.02 0.00	30.25 -1.83 0.00	31.71 -1.88 0.00	33.07 -2.68 0.00	34.57 -2.97 0.00	38.17 -3.32 0.00	39.43 -3.08 0.21	44.60 -3.22 1.78	54.05 -3.09 3.55	61.08 -3.10 3.28	65.96 -5.22 2.35	57.46 -5.20 3.19	47.49 -3.80 4.56	39.15 -3.53 3.78	34.68 -3.95 0.09
STEPHTWN_115KV_BK_2 55603	40.00 1.13 0.00	33.94 1.12 0.00	30.95 1.10 0.00	30.00 1.07 0.00	29.83 1.04 0.00	32.21 0.97 0.00	40.28 1.06 0.00	39.76 1.05 0.00	33.56 0.53 0.00	31.66 0.59 0.00	32.63 0.55 0.00	34.13 0.54 0.00	36.11 0.36 0.00	38.13 0.60 0.00	42.20 0.71 0.00	43.44 0.73 0.00	50.55 0.94 0.00	61.90 1.21 0.00	68.88 1.42 0.00	75.06 1.54 0.00	67.31 1.45 0.00	57.13 1.28 0.00	47.53 1.07 0.00	39.61 0.89 0.00
STEBEN_REC_LFGE 323667	37.69 -1.24 -0.06	31.91 -0.92 0.00	28.99 -0.93 -0.06	28.01 -0.98 -0.06	28.11 -0.75 -0.06	38.45 -0.62 -7.83	67.07 -0.94 -28.79	57.58 -1.51 -20.37	31.44 -1.59 0.00	30.07 -0.99 0.00	31.31 -0.77 0.00	32.89 -0.71 0.00	34.50 -1.25 0.00	36.22 -1.31 0.00	40.38 -1.37 -0.26	42.26 -0.98 -0.53	50.76 -0.69 -1.84	63.80 0.12 -2.99	71.02 0.67 -2.88	74.59 -0.29 -1.36	68.07 -0.40 -2.60	63.55 0.17 -7.53	53.72 -0.56 -7.82	37.56 -1.39 -0.23
STILLWATER____SOLAR 323814	40.82 1.94 0.00	34.43 1.61 0.00	31.34 1.49 0.00	30.41 1.47 0.00	30.26 1.47 0.00	32.71 1.47 0.00	40.91 1.69 0.00	40.19 1.47 0.00	33.92 0.89 0.00	32.00 0.93 0.00	32.88 0.80 0.00	34.44 0.84 0.00	36.40 0.64 0.00	38.47 0.94 0.00	42.62 1.12 0.00	43.52 0.81 0.00	50.75 1.14 0.00	62.33 1.64 0.00	69.42 1.96 0.00	75.94 2.42 0.00	68.23 2.37 0.00	57.97 2.12 0.00	48.23 1.77 0.00	40.43 1.70 0.00

STONY___BROOK 24151	58.69 3.77 -16.05	42.92 2.72 -7.37	32.20 2.36 0.00	31.07 2.14 0.00	30.95 2.16 0.00	33.40 2.15 0.00	41.89 2.67 0.00	44.53 3.33 -2.48	46.76 3.04 -10.70	47.97 3.33 -13.58	42.05 3.69 -6.28	45.95 3.70 -8.66	47.43 3.51 -8.17	53.52 4.02 -11.97	60.22 4.52 -14.20	63.73 4.78 -16.23	76.78 4.31 -22.86	92.28 4.61 -26.98	93.74 3.84 -22.43	85.77 3.38 -8.87	81.64 2.44 -13.34	77.33 2.07 -19.41	57.48 3.25 -7.77	58.12 2.75 -16.65
STURGEON_POOL_HYD 23609	41.17 2.29 0.00	34.63 1.81 0.00	31.52 1.67 0.00	30.49 1.56 0.00	30.32 1.53 0.00	32.71 1.47 0.00	40.87 1.65 0.00	40.69 1.97 0.00	35.01 1.98 0.00	33.24 2.17 0.00	34.42 2.34 0.00	35.95 2.35 0.00	37.90 2.15 0.00	40.08 2.55 0.00	44.44 2.95 0.00	45.92 3.20 0.00	53.38 3.77 0.00	65.06 4.37 0.00	71.92 4.45 0.00	77.56 4.04 0.00	69.02 3.16 0.00	58.53 2.68 0.00	48.69 2.23 0.00	40.39 1.67 0.00
ST_LAW_115_BK7_LBMP 345037	38.56 -0.31 0.00	32.50 -0.33 0.00	29.49 -0.36 0.00	28.64 -0.29 0.00	28.48 -0.32 0.00	31.06 -0.19 0.00	39.19 -0.04 0.00	38.65 -0.04 0.03	32.99 -0.03 0.00	29.09 -0.28 1.69	31.73 -0.35 0.00	32.13 -0.30 1.16	35.13 0.00 0.62	37.57 0.04 0.00	41.45 -0.04 0.00	42.58 -0.13 0.00	49.51 -0.10 0.00	60.27 -0.42 0.00	67.06 -0.40 0.00	73.30 -0.22 0.00	65.73 -0.13 0.00	55.79 -0.06 0.00	46.55 0.09 0.00	38.76 0.04 0.00
ST_LAW_115_BK8_LBMP 345038	38.56 -0.31 0.00	32.50 -0.33 0.00	29.49 -0.36 0.00	28.64 -0.29 0.00	28.48 -0.32 0.00	31.06 -0.19 0.00	39.19 -0.04 0.00	38.65 -0.04 0.03	32.99 -0.03 0.00	29.09 -0.28 1.69	31.73 -0.35 0.00	32.13 -0.30 1.16	35.13 0.00 0.62	37.57 0.04 0.00	41.45 -0.04 0.00	42.58 -0.13 0.00	49.51 -0.10 0.00	60.27 -0.42 0.00	67.06 -0.40 0.00	73.30 -0.22 0.00	65.73 -0.13 0.00	55.79 -0.06 0.00	46.55 0.09 0.00	38.76 0.04 0.00
ST_LAW_230_BK5_LBMP 345035	38.56 -0.31 0.00	32.53 -0.30 0.00	29.52 -0.33 0.00	28.67 -0.26 0.00	28.50 -0.29 0.00	31.09 -0.16 0.00	39.19 -0.04 0.00	38.66 -0.04 0.02	32.99 -0.03 0.00	29.80 -0.25 1.02	31.76 -0.32 0.00	32.63 -0.27 0.70	35.42 0.04 0.37	37.57 0.04 0.00	41.50 0.00 0.00	42.63 -0.09 0.00	49.51 -0.10 0.00	60.39 -0.30 0.00	67.13 -0.34 0.00	73.37 -0.15 0.00	65.79 -0.07 0.00	55.85 0.00 0.00	46.55 0.09 0.00	38.76 0.04 0.00
ST_LAW_230_BK6_LBMP 345036	38.56 -0.31 0.00	32.53 -0.30 0.00	29.52 -0.33 0.00	28.67 -0.26 0.00	28.50 -0.29 0.00	31.09 -0.16 0.00	39.19 -0.04 0.00	38.66 -0.04 0.02	32.99 -0.03 0.00	29.80 -0.25 1.02	31.76 -0.32 0.00	32.63 -0.27 0.70	35.42 0.04 0.37	37.57 0.04 0.00	41.50 0.00 0.00	42.63 -0.09 0.00	49.51 -0.10 0.00	60.39 -0.30 0.00	67.13 -0.34 0.00	73.37 -0.15 0.00	65.79 -0.07 0.00	55.85 0.00 0.00	46.55 0.09 0.00	38.76 0.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.74 1.87 0.00	34.30 1.48 0.00	31.22 1.37 0.00	30.23 1.30 0.00	30.06 1.27 0.00	32.46 1.22 0.00	40.68 1.45 0.00	40.46 1.74 0.00	34.78 1.75 0.00	33.02 1.96 0.00	34.17 2.09 0.00	35.71 2.12 0.00	37.65 1.89 0.00	39.82 2.29 0.00	44.11 2.61 0.00	45.53 2.82 0.00	52.88 3.27 0.00	64.39 3.70 0.00	71.24 3.78 0.00	76.97 3.46 0.00	68.56 2.70 0.00	58.08 2.23 0.00	48.36 1.90 0.00	40.16 1.43 0.00
SWANROAD_115KV_TB1 355699	33.76 -5.09 0.02	28.59 -4.23 0.00	25.98 -3.85 0.02	25.15 -3.76 0.02	25.03 -3.74 0.02	25.08 -3.81 2.35	25.84 -4.79 8.59	31.36 -5.23 2.13	28.80 -4.23 0.00	27.99 -3.08 0.00	29.19 -2.89 0.00	30.54 -3.06 0.00	31.75 -4.00 0.00	33.18 -4.35 0.00	36.60 -4.90 0.00	37.81 -4.70 0.20	42.53 -5.41 1.67	51.26 -6.13 3.30	58.13 -6.27 3.06	63.66 -7.50 2.36	55.60 -7.11 3.15	45.21 -6.31 4.32	37.34 -5.62 3.50	33.94 -4.69 0.10
SYNERGY___BIOGAS 323694	35.67 -3.19 0.01	30.17 -2.66 0.00	27.30 -2.54 0.01	26.43 -2.49 0.01	26.36 -2.42 0.01	26.95 -2.59 1.70	29.88 -3.10 6.24	33.73 -3.56 1.42	30.38 -2.64 0.00	29.33 -1.74 0.00	30.61 -1.48 0.00	32.05 -1.55 0.00	33.47 -2.29 0.00	34.98 -2.55 0.00	38.55 -2.95 0.00	39.79 -2.73 0.19	44.71 -3.37 1.53	54.55 -3.10 3.05	61.75 -2.90 2.81	68.16 -3.09 2.27	59.71 -3.23 2.92	48.88 -3.30 3.67	40.36 -3.25 2.84	35.99 -2.63 0.10
SYRACUSE___ENERGY_ST1 323597	38.41 -0.47 0.00	32.53 -0.30 0.00	29.55 -0.30 0.00	28.61 -0.32 0.00	28.50 -0.29 0.00	30.90 -0.34 0.00	38.68 -0.55 0.00	38.18 -0.54 0.00	32.56 -0.46 0.00	31.05 -0.31 -0.29	31.86 -0.22 0.00	33.59 -0.20 -0.20	35.43 -0.43 -0.11	36.89 -0.64 0.00	42.10 -0.66 -1.27	43.34 -0.60 -1.23	50.28 -0.69 -1.37	61.49 -0.55 -1.34	68.17 -0.54 -1.25	75.10 -0.37 -1.95	66.63 -0.33 -1.10	56.19 -0.39 -0.73	46.84 -0.51 -0.89	39.05 -0.46 -0.80
SYRACUSE___ENERGY_ST2 323598	38.41 -0.47 0.00	32.53 -0.30 0.00	29.55 -0.30 0.00	28.61 -0.32 0.00	28.50 -0.29 0.00	30.90 -0.34 0.00	38.68 -0.55 0.00	38.18 -0.54 0.00	32.56 -0.46 0.00	31.05 -0.31 -0.29	31.86 -0.22 0.00	33.59 -0.20 -0.20	35.43 -0.43 -0.11	36.89 -0.64 0.00	42.10 -0.66 -1.27	43.34 -0.60 -1.23	50.28 -0.69 -1.37	61.49 -0.55 -1.34	68.17 -0.54 -1.25	75.10 -0.37 -1.95	66.63 -0.33 -1.10	56.19 -0.39 -0.73	46.84 -0.51 -0.89	39.05 -0.46 -0.80
SYRACUSE___POWER 24017	38.33 -0.54 0.00	32.46 -0.36 0.00	29.49 -0.36 0.00	28.56 -0.38 0.00	28.45 -0.35 0.00	30.84 -0.41 0.00	38.64 -0.59 0.00	38.10 -0.62 0.00	32.53 -0.50 0.00	31.03 -0.34 -0.31	31.82 -0.26 0.00	33.57 -0.24 -0.21	35.40 -0.46 -0.11	36.86 -0.68 0.00	41.63 -0.71 -0.84	42.88 -0.60 -0.77	49.45 -0.74 -0.59	60.33 -0.61 -0.24	67.16 -0.54 -0.24	73.81 -0.44 -0.74	65.56 -0.40 -0.10	55.35 -0.45 0.05	46.13 -0.60 -0.28	38.68 -0.54 -0.50
TALLMAN__138KV_BK151 55660	41.01 2.14 0.00	34.53 1.71 0.00	31.43 1.58 0.00	30.41 1.48 0.00	30.20 1.41 0.00	32.65 1.41 0.00	40.75 1.53 0.00	40.61 1.90 0.00	34.98 1.95 0.00	33.27 2.21 0.00	34.42 2.34 0.00	35.95 2.35 0.00	37.94 2.18 0.00	40.08 2.55 0.00	44.44 2.95 0.00	45.83 3.12 0.00	53.13 3.52 0.00	64.57 3.88 0.00	71.38 3.91 0.00	76.97 3.46 0.00	68.49 2.63 0.00	58.03 2.18 0.00	48.41 1.95 0.00	40.20 1.47 0.00
TEALLAVE_115KV_TB7 355573	38.18 -0.70 0.00	32.37 -0.46 0.00	29.37 -0.48 0.00	28.44 -0.49 0.00	28.33 -0.46 0.00	30.71 -0.53 0.00	38.48 -0.75 0.00	37.95 -0.77 -0.01	32.43 -0.59 0.00	30.99 -0.43 -0.35	31.73 -0.35 0.00	33.54 -0.30 -0.24	35.31 -0.57 -0.13	36.74 -0.79 0.00	41.32 -0.87 -0.69	42.55 -0.77 -0.61	48.98 -0.94 -0.32	59.69 -0.85 0.15	66.46 -0.88 0.12	73.02 -0.81 -0.31	64.87 -0.72 0.26	54.73 -0.78 0.33	45.69 -0.84 -0.06	38.42 -0.70 -0.39
TELGRAPH_34_KV_EAST 80808	34.85 -4.00 0.02	29.51 -3.32 0.00	26.76 -3.07 0.02	25.91 -3.01 0.02	25.78 -2.99 0.02	26.10 -3.16 1.99	28.09 -3.84 7.29	32.69 -4.30 1.73	29.76 -3.27 0.00	28.80 -2.27 0.00	30.06 -2.02 0.00	31.48 -2.12 0.00	32.79 -2.97 0.00	34.27 -3.27 0.00	37.80 -3.69 0.09	39.06 -3.46 0.19	43.85 -4.17 1.59	53.28 -4.25 3.16	60.23 -4.32 2.92	66.28 -4.93 2.31	57.96 -4.87 3.02	47.31 -4.58 3.96	39.10 -4.23 3.13	35.10 -3.52 0.10

TEMPLE___115KV_TB 2 55572	38.21 -0.66 0.00	32.37 -0.46 0.00	29.40 -0.45 0.00	28.47 -0.46 0.00	28.36 -0.43 0.00	30.71 -0.53 0.00	38.48 -0.75 0.00	37.99 -0.74 -0.01	32.43 -0.59 0.00	31.01 -0.40 -0.35	31.76 -0.32 0.00	33.53 -0.30 -0.24	35.34 -0.54 -0.13	36.78 -0.75 0.00	41.36 -0.83 -0.69	42.59 -0.73 -0.61	49.02 -0.89 -0.31	59.73 -0.79 0.17	66.45 -0.88 0.14	73.08 -0.74 -0.29	64.86 -0.72 0.28	54.77 -0.73 0.35	45.72 -0.79 -0.05	38.46 -0.66 -0.39
TIANA___69_KV_BK 1 55817	55.07 3.73 -12.46	41.34 2.79 -5.72	32.29 2.45 0.00	31.13 2.20 0.00	31.01 2.22 0.00	33.46 2.22 0.00	41.97 2.75 0.00	44.09 3.45 -1.93	44.51 3.17 -8.31	45.06 3.45 -10.55	40.74 3.79 -4.87	44.11 3.80 -6.72	45.67 3.58 -6.34	50.91 4.09 -9.29	57.22 4.56 -11.16	60.42 4.87 -12.83	71.77 4.41 -17.75	86.50 4.86 -20.95	89.54 4.65 -17.42	84.38 3.97 -6.89	78.79 2.57 -10.36	73.16 2.23 -15.08	56.07 3.58 -6.04	54.60 2.94 -12.93
TILDEN___115KV_TB1 80814	38.33 -0.54 0.00	32.46 -0.36 0.00	29.49 -0.36 0.00	28.56 -0.38 0.00	28.45 -0.35 0.00	30.84 -0.41 0.00	38.64 -0.59 0.00	38.10 -0.62 0.00	32.53 -0.50 0.00	31.03 -0.34 -0.31	31.82 -0.26 0.00	33.57 -0.24 -0.21	35.40 -0.46 -0.11	36.86 -0.68 0.00	41.63 -0.71 -0.84	42.88 -0.60 -0.77	49.45 -0.74 -0.59	60.33 -0.61 -0.24	67.16 -0.54 -0.24	73.81 -0.44 -0.74	65.56 -0.40 -0.10	55.35 -0.45 0.05	46.13 -0.60 -0.28	38.68 -0.54 -0.50
TRIGEN___CC 323695	41.79 2.92 0.00	34.99 2.17 0.00	31.79 1.94 0.00	30.67 1.74 0.00	30.52 1.73 0.00	32.96 1.72 0.00	41.22 2.00 0.00	41.31 2.59 0.00	35.50 2.48 0.00	33.83 2.76 0.00	35.16 3.08 0.00	36.69 3.09 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.84 3.73 -0.61	47.66 3.93 -1.02	53.62 4.02 0.00	65.20 4.49 -0.01	71.53 4.05 -0.01	76.92 3.38 -0.01	68.16 2.31 0.01	57.80 1.95 0.01	49.11 2.65 0.00	40.78 2.05 0.00
TRINITY___115KV___ 4 BK 55933	39.73 0.86 0.00	33.71 0.89 0.00	30.74 0.90 0.00	29.83 0.90 0.00	29.66 0.86 0.00	31.99 0.75 0.00	40.01 0.78 0.00	39.53 0.81 0.00	33.36 0.33 0.00	31.53 0.47 0.00	32.47 0.38 0.00	33.96 0.37 0.00	35.93 0.18 0.00	37.91 0.38 0.00	41.95 0.46 0.00	43.10 0.38 0.00	50.15 0.55 0.00	61.30 0.61 0.00	68.07 0.61 0.00	74.18 0.66 0.00	66.52 0.66 0.00	56.52 0.67 0.00	47.06 0.60 0.00	39.30 0.58 0.00
UNION___PROCESSING_DRP 323587	36.58 -2.29 0.00	30.95 -1.87 0.00	28.02 -1.82 0.00	27.13 -1.79 0.00	26.97 -1.81 0.00	28.50 -2.22 0.53	34.61 -2.67 1.95	35.77 -2.94 0.00	31.24 -1.78 0.00	29.92 -1.15 0.00	31.15 -0.93 0.00	32.65 -0.94 0.00	34.25 -1.50 0.00	35.77 -1.76 0.00	39.42 -2.07 0.00	40.66 -1.88 0.17	45.60 -2.73 1.28	55.67 -2.43 2.59	62.46 -2.63 2.37	69.35 -2.06 2.11	61.24 -2.11 2.51	50.55 -2.79 2.51	42.05 -2.74 1.67	36.87 -1.74 0.11
UPPER HUDSON___HYD 24058	41.25 2.37 0.00	34.80 1.97 0.00	31.64 1.79 0.00	30.70 1.77 0.00	30.55 1.76 0.00	33.09 1.84 0.00	41.42 2.20 0.00	40.57 1.86 0.00	34.18 1.16 0.00	32.22 1.15 0.00	33.11 1.03 0.00	34.74 1.14 0.00	36.68 0.93 0.00	38.84 1.31 0.00	43.07 1.58 0.00	43.27 0.55 0.00	50.15 0.55 0.00	61.66 0.97 0.00	68.61 1.15 0.00	75.21 1.69 0.00	67.57 1.71 0.00	57.36 1.51 0.00	47.85 1.39 0.00	40.74 2.01 0.00
UPPER RAQUET___HYD 24056	38.84 -0.04 0.00	32.73 -0.10 0.00	29.67 -0.18 0.00	28.85 -0.09 0.00	28.68 -0.11 0.00	31.31 0.06 0.00	39.42 0.20 0.00	39.13 0.23 -0.18	33.13 0.10 0.00	42.70 -0.19 -11.82	31.76 -0.32 0.00	41.48 -0.23 -8.12	40.25 0.14 -4.35	37.68 0.15 0.00	41.54 0.04 0.00	42.37 -0.34 0.00	49.01 -0.59 0.00	59.72 -0.97 0.00	66.79 -0.67 0.00	73.45 -0.07 0.00	66.06 0.20 0.00	56.24 0.39 0.00	47.11 0.65 0.00	39.11 0.39 0.00
VALLEY44_115KV_TB2 355964	35.47 -3.38 0.02	29.97 -2.86 0.00	27.23 -2.60 0.02	26.36 -2.55 0.02	26.67 -2.10 0.02	27.03 -1.62 2.59	27.70 -2.04 9.49	33.85 -2.40 2.46	30.29 -2.74 0.00	29.45 -1.62 0.00	30.64 -1.44 0.00	32.05 -1.55 0.00	33.43 -2.32 0.00	35.02 -2.51 0.00	38.76 -2.74 0.00	39.96 -2.56 0.18	46.66 -1.39 1.56	56.07 -1.52 3.10	63.52 -1.08 2.86	65.27 -6.10 2.15	56.85 -6.06 2.95	49.65 -1.90 4.30	40.96 -1.90 3.59	33.91 -4.72 0.09
VALLEY___115KV_TB 1-4 80826	39.22 0.35 0.00	33.15 0.33 0.00	30.15 0.30 0.00	29.22 0.29 0.00	29.08 0.29 0.00	31.49 0.25 0.00	39.46 0.24 0.00	38.95 0.23 0.00	33.19 0.17 0.00	31.60 0.22 -0.32	32.31 0.22 0.00	34.05 0.24 -0.22	36.05 0.18 -0.12	37.72 0.19 0.00	41.70 0.21 0.00	42.93 0.21 0.00	49.80 0.20 0.00	61.05 0.36 0.00	68.00 0.54 0.00	74.11 0.59 0.00	66.38 0.53 0.00	56.24 0.39 0.00	46.83 0.37 0.00	39.00 0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.20 1.32 0.00	33.97 1.15 0.00	30.92 1.07 0.00	29.94 1.01 0.00	29.83 1.04 0.00	32.28 1.03 0.00	40.30 1.06 -0.02	39.69 0.97 0.00	33.82 0.79 0.00	31.97 0.90 0.00	33.01 0.93 0.00	34.60 1.01 0.00	36.61 0.86 0.00	38.47 0.94 0.00	42.83 1.08 -0.26	44.16 1.20 -0.25	51.32 1.44 -0.28	62.78 1.82 -0.27	70.08 2.36 -0.25	76.41 2.50 -0.39	68.32 2.24 -0.22	57.95 1.95 -0.15	48.18 1.53 -0.18	39.97 1.08 -0.16
VISCHER___FERRY HYD 24020	40.39 1.51 0.00	34.10 1.28 0.00	31.04 1.20 0.00	30.12 1.19 0.00	29.97 1.18 0.00	32.40 1.16 0.00	40.44 1.22 0.00	39.92 1.20 0.00	33.79 0.76 0.00	31.93 0.87 0.00	32.88 0.80 0.00	34.33 0.74 0.00	36.32 0.57 0.00	38.32 0.79 0.00	42.37 0.87 0.00	43.48 0.77 0.00	50.75 1.14 0.00	62.21 1.52 0.00	69.08 1.62 0.00	75.36 1.84 0.00	67.70 1.84 0.00	57.58 1.73 0.00	47.85 1.39 0.00	40.00 1.28 0.00
V_A_10_SYNC_DSASP 323832	35.05 -3.81 0.01	29.74 -3.09 0.00	26.91 -2.92 0.01	26.05 -2.86 0.01	25.84 -2.94 0.01	26.12 -3.44 1.69	28.73 -4.28 6.22	32.64 -4.61 1.47	29.99 -3.04 0.00	28.98 -2.08 0.00	30.19 -1.89 0.00	31.58 -2.02 0.00	32.97 -2.79 0.00	34.42 -3.12 0.00	37.93 -3.57 0.00	39.18 -3.33 0.20	43.47 -4.56 1.57	53.00 -4.55 3.14	59.44 -5.13 2.90	66.44 -4.71 2.37	58.23 -4.61 3.02	46.98 -5.14 3.73	38.95 -4.65 2.86	35.52 -3.10 0.11
V_CMM_10_SYNC_DSASP 323787	38.72 -0.16 0.00	32.63 -0.20 0.00	29.61 -0.24 0.00	28.76 -0.17 0.00	28.59 -0.20 0.00	31.18 -0.06 0.00	39.30 0.08 0.00	38.81 0.12 0.03	33.09 0.07 0.00	29.22 -0.16 1.69	31.82 -0.26 0.00	32.26 -0.17 1.16	35.27 0.14 0.62	37.68 0.15 0.00	41.62 0.12 0.00	42.71 0.00 0.00	49.66 0.05 0.00	60.20 -0.49 0.00	66.99 -0.47 0.00	73.23 -0.29 0.00	65.73 -0.13 0.00	55.85 0.00 0.00	46.69 0.23 0.00	38.96 0.23 0.00
V_CMP_10_SYNC_DSASP 323788	39.11 0.23 0.00	32.99 0.16 0.00	29.94 0.09 0.00	29.08 0.14 0.00	28.94 0.14 0.00	31.56 0.31 0.00	39.77 0.55 0.00	39.30 0.58 0.00	33.52 0.50 0.00	31.31 0.25 0.00	32.27 0.19 0.00	33.86 0.27 0.00	36.36 0.61 0.00	38.17 0.64 0.00	42.12 0.62 0.00	43.31 0.60 0.00	50.35 0.74 0.00	61.42 0.73 0.00	68.34 0.88 0.00	74.70 1.18 0.00	66.98 1.12 0.00	56.80 0.95 0.00	47.30 0.84 0.00	39.42 0.70 0.00



V_D_10_SYNC_DSASP 323841	38.91 0.04 0.00	32.79 -0.03 0.00	29.73 -0.12 0.00	28.90 -0.03 0.00	28.74 -0.06 0.00	31.34 0.09 0.00	39.46 0.24 0.00	39.36 0.39 -0.26	33.36 0.33 0.00	48.47 0.06 -17.34	32.02 -0.06 0.00	45.54 0.03 -11.91	42.56 0.43 -6.38	37.94 0.41 0.00	41.87 0.37 0.00	42.97 0.26 0.00	49.76 0.15 0.00	60.63 -0.06 0.00	67.53 0.07 0.00	73.89 0.37 0.00	66.32 0.46 0.00	56.35 0.50 0.00	47.02 0.56 0.00	39.19 0.46 0.00
V_E_10_SYNC_DSASP 323830	40.59 1.71 -0.01	34.40 1.58 0.00	31.20 1.34 -0.01	30.21 1.27 -0.01	30.15 1.35 -0.01	33.52 1.56 -0.71	43.60 1.77 -2.61	40.04 1.32 -0.01	33.65 0.63 0.00	31.66 0.59 0.00	32.66 0.58 0.00	34.33 0.74 0.00	36.33 0.57 0.00	38.09 0.56 0.00	42.75 0.71 -0.55	44.17 0.94 -0.52	51.56 1.39 -0.56	63.74 2.55 -0.50	72.13 4.18 -0.48	79.30 5.15 -0.64	70.91 4.68 -0.37	60.48 3.91 -0.72	50.03 2.65 -0.92	40.79 1.74 -0.33
V_F_30_NSYNC___DSASP 323816	40.82 1.94 0.00	34.47 1.64 0.00	31.34 1.49 0.00	30.41 1.48 0.00	30.26 1.47 0.00	32.74 1.50 0.00	40.95 1.73 0.00	40.23 1.51 0.00	33.98 0.96 0.00	32.03 0.96 0.00	32.95 0.87 0.00	34.50 0.91 0.00	36.50 0.75 0.00	38.55 1.01 0.00	42.70 1.20 0.00	43.61 0.90 0.00	50.85 1.24 0.00	62.45 1.76 0.00	69.56 2.09 0.00	76.09 2.57 0.00	68.36 2.50 0.00	58.08 2.23 0.00	48.27 1.81 0.00	40.39 1.67 0.00
V_F_30_SYNC_DSASP 323786	39.92 1.05 0.00	33.88 1.05 0.00	30.89 1.04 0.00	29.94 1.01 0.00	29.77 0.98 0.00	32.15 0.91 0.00	40.21 0.98 0.00	39.68 0.97 0.00	33.49 0.46 0.00	31.66 0.59 0.00	32.59 0.51 0.00	34.10 0.50 0.00	36.08 0.32 0.00	38.09 0.56 0.00	42.16 0.66 0.00	43.35 0.64 0.00	50.45 0.84 0.00	61.72 1.03 0.00	68.61 1.15 0.00	74.77 1.25 0.00	67.04 1.19 0.00	56.91 1.06 0.00	47.39 0.93 0.00	39.50 0.77 0.00
V_XM_10_SYNC_DSASP 323789	39.11 0.23 0.00	32.99 0.16 0.00	29.94 0.09 0.00	29.08 0.14 0.00	28.94 0.14 0.00	31.56 0.31 0.00	39.77 0.55 0.00	39.30 0.58 0.00	33.52 0.50 0.00	31.31 0.25 0.00	32.27 0.19 0.00	33.86 0.27 0.00	36.36 0.61 0.00	38.17 0.64 0.00	42.12 0.62 0.00	43.31 0.60 0.00	50.35 0.74 0.00	61.42 0.73 0.00	68.34 0.88 0.00	74.70 1.18 0.00	66.98 1.12 0.00	56.80 0.95 0.00	47.30 0.84 0.00	39.42 0.70 0.00
W.BABYLN_69_KV_BK1 56697	44.27 3.85 -1.55	36.39 2.86 -0.71	32.35 2.51 0.00	31.19 2.26 0.00	31.07 2.27 0.00	33.52 2.28 0.00	42.01 2.78 0.00	42.44 3.48 -0.24	37.23 3.17 -1.03	35.83 3.45 -1.31	36.50 3.82 -0.61	38.29 3.86 -0.84	40.23 3.68 -0.79	42.89 4.20 -1.16	48.15 4.73 -1.92	50.16 4.95 -2.49	56.63 4.81 -2.21	68.64 5.34 -2.61	74.62 4.99 -2.17	78.71 4.34 -0.86	70.24 3.10 -1.28	60.29 2.57 -1.87	50.88 3.67 -0.75	43.24 2.90 -1.61
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.13 2.25 0.00	34.63 1.81 0.00	31.52 1.67 0.00	30.49 1.56 0.00	30.32 1.53 0.00	32.74 1.50 0.00	40.87 1.65 0.00	40.77 2.05 0.00	35.07 2.05 0.00	33.36 2.30 0.00	34.52 2.44 0.00	36.08 2.49 0.00	38.04 2.29 0.00	40.23 2.70 0.00	44.61 3.11 0.00	46.00 3.29 0.00	53.33 3.72 0.00	64.88 4.19 0.00	71.71 4.25 0.00	77.34 3.82 0.00	68.82 2.96 0.00	58.31 2.46 0.00	48.60 2.14 0.00	40.35 1.63 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.52 2.64 0.00	34.89 2.07 0.00	31.79 1.94 0.00	30.73 1.79 0.00	30.55 1.76 0.00	32.99 1.75 0.00	41.15 1.92 0.00	41.08 2.36 0.00	35.47 2.44 0.00	33.83 2.76 0.00	35.00 2.92 0.00	36.52 2.92 0.00	38.47 2.72 0.00	40.68 3.15 0.00	45.11 3.61 0.00	46.56 3.84 0.00	54.08 4.46 -0.01	65.54 4.86 0.00	72.25 4.79 0.00	77.78 4.26 0.00	69.08 3.23 0.00	58.64 2.79 0.00	48.88 2.42 0.00	40.54 1.82 0.00
W50THST__13_KV_LOAD 356117	41.79 2.92 0.00	35.06 2.23 0.00	31.91 2.06 0.00	30.87 1.94 0.00	30.69 1.90 0.00	33.15 1.91 0.00	41.38 2.16 0.00	41.35 2.63 0.00	35.70 2.68 0.00	34.05 2.98 0.00	35.22 3.14 0.00	36.75 3.16 0.00	38.72 2.97 0.00	40.95 3.42 0.00	45.40 3.90 0.00	46.86 4.14 0.00	54.43 4.81 -0.01	66.09 5.40 0.00	72.66 5.19 0.00	78.22 4.71 0.00	69.48 3.62 0.00	58.92 3.07 0.00	49.11 2.65 0.00	40.70 1.97 0.00
WADING RIVER_IC_1 23522	54.99 3.70 -12.42	41.25 2.72 -5.70	32.20 2.36 0.00	31.10 2.17 0.00	30.95 2.16 0.00	33.40 2.15 0.00	41.89 2.67 0.00	43.93 3.29 -1.92	44.35 3.04 -8.28	44.87 3.29 -10.52	40.57 3.62 -4.86	43.90 3.60 -6.70	45.48 3.40 -6.32	50.66 3.87 -9.27	56.81 4.19 -11.13	59.99 4.48 -12.80	71.07 3.77 -17.69	85.65 4.07 -20.89	88.47 3.64 -17.37	83.54 3.16 -6.87	77.96 1.78 -10.33	72.55 1.67 -15.03	55.50 3.02 -6.02	54.32 2.71 -12.89
WADING RIVER_IC_2 23547	54.99 3.70 -12.42	41.25 2.72 -5.70	32.20 2.36 0.00	31.10 2.17 0.00	30.95 2.16 0.00	33.40 2.15 0.00	41.89 2.67 0.00	43.93 3.29 -1.92	44.35 3.04 -8.28	44.87 3.29 -10.52	40.57 3.62 -4.86	43.90 3.60 -6.70	45.48 3.40 -6.32	50.66 3.87 -9.27	56.81 4.19 -11.13	59.99 4.48 -12.80	71.07 3.77 -17.69	85.65 4.07 -20.89	88.47 3.64 -17.37	83.54 3.16 -6.87	77.96 1.78 -10.33	72.55 1.67 -15.03	55.50 3.02 -6.02	54.32 2.71 -12.89
WADING RIVER_IC_3 23601	54.99 3.70 -12.42	41.25 2.72 -5.70	32.20 2.36 0.00	31.10 2.17 0.00	30.95 2.16 0.00	33.40 2.15 0.00	41.89 2.67 0.00	43.93 3.29 -1.92	44.35 3.04 -8.28	44.87 3.29 -10.52	40.57 3.62 -4.86	43.90 3.60 -6.70	45.48 3.40 -6.32	50.66 3.87 -9.27	56.81 4.19 -11.13	59.99 4.48 -12.80	71.07 3.77 -17.69	85.65 4.07 -20.89	88.47 3.64 -17.37	83.54 3.16 -6.87	77.96 1.78 -10.33	72.55 1.67 -15.03	55.50 3.02 -6.02	54.32 2.71 -12.89
WALDENNY_12_KV_BK2 80841	34.92 -3.93 0.03	29.61 -3.22 0.00	26.81 -3.01 0.03	25.96 -2.95 0.03	25.95 -2.82 0.03	25.30 -2.94 3.00	24.60 -3.65 10.98	31.80 -4.10 2.81	29.82 -3.20 0.00	28.98 -2.08 0.00	30.22 -1.86 0.00	31.65 -1.95 0.00	32.97 -2.79 0.00	34.49 -3.04 0.00	38.13 -3.36 0.00	39.39 -3.12 0.21	44.47 -3.37 1.76	53.79 -3.40 3.50	60.72 -3.51 3.24	65.89 -5.22 2.41	57.26 -5.27 3.33	46.92 -4.02 4.91	38.53 -3.81 4.12	34.68 -3.95 0.09
WALDEN___HYDRO 24148	40.90 2.02 0.00	34.47 1.64 0.00	31.37 1.52 0.00	30.35 1.42 0.00	30.17 1.38 0.00	32.59 1.34 0.00	40.75 1.53 0.00	40.54 1.82 0.00	34.84 1.82 0.00	33.05 1.99 0.00	34.20 2.12 0.00	35.75 2.15 0.00	37.68 1.93 0.00	39.86 2.33 0.00	44.19 2.70 0.00	45.57 2.86 0.00	52.98 3.37 0.00	64.57 3.88 0.00	71.44 3.98 0.00	77.20 3.68 0.00	68.76 2.90 0.00	58.25 2.40 0.00	48.46 2.00 0.00	40.23 1.51 0.00
WARRENSBURG____ 23737	41.25 2.37 0.00	34.80 1.97 0.00	31.64 1.79 0.00	30.70 1.76 0.00	30.55 1.76 0.00	33.09 1.84 0.00	41.42 2.20 0.00	40.57 1.86 0.00	34.18 1.16 0.00	32.22 1.15 0.00	33.11 1.03 0.00	34.74 1.14 0.00	36.72 0.97 0.00	38.85 1.31 0.00	43.07 1.58 0.00	43.27 0.56 0.00	50.15 0.55 0.00	61.66 0.97 0.00	68.68 1.21 0.00	75.21 1.69 0.00	67.57 1.71 0.00	57.36 1.51 0.00	47.85 1.39 0.00	40.66 1.94 0.00

WATERSIDE___6 8 9 23538	41.60 2.72 -0.01	35.00 2.17 -0.01	31.85 2.00 -0.01	30.82 1.88 -0.01	30.64 1.84 -0.01	33.06 1.81 0.00	41.07 1.84 0.00	41.04 2.32 0.00	35.47 2.44 0.00	33.83 2.76 0.00	35.00 2.92 0.00	36.52 2.92 0.00	38.51 2.75 0.00	40.68 3.15 0.00	45.15 3.65 -0.01	46.61 3.89 -0.01	54.09 4.46 -0.02	65.36 4.67 0.00	71.98 4.52 0.00	77.42 3.90 0.00	68.82 2.96 0.00	58.47 2.62 0.00	48.83 2.37 0.00	40.54 1.82 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.15 0.27 0.00	33.09 0.26 0.00	30.09 0.24 0.00	29.16 0.23 0.00	29.02 0.23 0.00	31.43 0.19 0.00	39.42 0.20 0.00	38.88 0.15 0.00	33.13 0.10 0.00	31.57 0.19 -0.32	32.27 0.19 0.00	33.98 0.17 -0.22	35.98 0.11 -0.12	37.64 0.11 0.00	41.62 0.12 0.00	42.84 0.13 0.00	49.76 0.15 0.00	60.93 0.24 0.00	67.80 0.34 0.00	73.96 0.44 0.00	66.25 0.40 0.00	56.13 0.28 0.00	46.69 0.23 0.00	38.92 0.19 0.00
WDELAWARE___HYD 323627	40.66 1.79 0.00	34.24 1.41 0.00	31.16 1.31 0.00	30.15 1.21 0.00	29.95 1.15 0.00	32.37 1.12 0.00	40.36 1.14 0.00	40.07 1.35 0.00	34.38 1.35 0.00	32.56 1.49 0.00	33.68 1.60 0.00	35.21 1.61 0.00	37.15 1.39 0.00	39.26 1.73 0.00	43.53 2.03 0.00	44.97 2.26 0.00	52.33 2.73 0.00	63.90 3.21 0.00	70.84 3.37 0.00	76.83 3.31 0.00	68.49 2.64 0.00	58.03 2.18 0.00	48.13 1.67 0.00	39.96 1.24 0.00
WEST BABYLON___IC 23714	44.27 3.85 -1.55	36.39 2.86 -0.71	32.35 2.51 0.00	31.19 2.26 0.00	31.07 2.27 0.00	33.52 2.28 0.00	42.01 2.78 0.00	42.44 3.48 -0.24	37.23 3.17 -1.03	35.83 3.45 -1.31	36.50 3.82 -0.61	38.29 3.86 -0.84	40.23 3.68 -0.79	42.89 4.20 -1.16	48.15 4.73 -1.92	50.16 4.95 -2.49	56.63 4.81 -2.21	68.64 5.34 -2.61	74.62 4.99 -2.17	78.71 4.34 -0.86	70.24 3.10 -1.28	60.29 2.57 -1.87	50.88 3.67 -0.75	43.24 2.90 -1.61
WEST CANADA___HYD 24049	39.03 0.16 0.00	32.96 0.13 0.00	30.00 0.15 0.00	29.08 0.15 0.00	28.94 0.14 0.00	31.34 0.09 0.00	39.30 0.08 0.00	38.80 0.08 0.00	33.06 0.03 0.00	31.48 0.09 -0.32	32.18 0.10 0.00	33.92 0.10 -0.22	35.87 0.00 -0.12	37.53 0.00 0.00	41.54 0.04 0.00	42.75 0.04 0.00	49.61 0.00 0.00	60.75 0.06 0.00	67.53 0.07 0.00	73.59 0.07 0.00	65.92 0.07 0.00	55.91 0.06 0.00	46.51 0.05 0.00	38.80 0.08 0.00
WESTERN_NY_WIND 24143	35.56 -3.30 0.02	30.07 -2.76 0.00	27.23 -2.60 0.02	26.37 -2.55 0.02	26.27 -2.50 0.02	26.77 -2.66 1.82	29.40 -3.18 6.65	33.50 -3.68 1.54	30.32 -2.71 0.00	29.26 -1.80 0.00	30.54 -1.54 0.00	31.98 -1.61 0.00	33.39 -2.36 0.00	34.90 -2.63 0.00	38.43 -3.07 0.00	39.70 -2.82 0.19	44.58 -3.47 1.55	54.38 -3.22 3.09	61.57 -3.04 2.85	67.92 -3.31 2.29	59.47 -3.42 2.96	48.66 -3.41 3.78	40.16 -3.35 2.96	35.87 -2.75 0.10
WESTOVER___LESR 323668	38.76 -0.12 0.00	32.79 -0.03 0.00	29.82 -0.03 0.00	28.85 -0.09 0.00	28.80 0.00 0.00	31.77 0.00 -0.52	40.99 -0.16 -1.92	38.49 -0.23 -0.01	32.80 -0.23 0.00	31.07 0.00 0.00	32.18 0.10 0.00	33.70 0.10 0.00	35.61 -0.14 0.00	37.31 -0.23 0.00	41.82 -0.21 -0.53	43.16 -0.04 -0.49	50.18 0.10 -0.47	61.39 0.36 -0.33	68.33 0.54 -0.32	74.26 0.22 -0.52	66.21 0.13 -0.22	56.64 0.34 -0.46	47.23 0.09 -0.68	38.80 -0.23 -0.31
WETHRSFD_WT_PWR 323626	35.81 -2.99 0.07	30.43 -2.39 0.00	27.51 -2.27 0.07	26.61 -2.26 0.07	26.62 -2.10 0.07	20.61 -2.16 8.48	5.34 -2.78 31.10	27.11 -3.37 8.24	30.25 -2.77 0.00	29.14 -1.93 0.00	30.35 -1.73 0.00	31.81 -1.78 0.00	33.29 -2.47 0.00	34.83 -2.70 0.00	38.51 -2.99 0.00	39.67 -2.73 0.31	43.73 -2.93 2.95	52.28 -2.67 5.75	59.51 -2.56 5.39	66.28 -3.90 3.34	56.73 -3.69 5.44	42.46 -2.79 10.60	33.92 -2.74 9.80	35.58 -3.06 0.08
WHAVSTOR_138KV_BK127 55557	40.97 2.10 0.00	34.50 1.67 0.00	31.40 1.55 0.00	30.41 1.48 0.00	30.20 1.41 0.00	32.62 1.37 0.00	40.75 1.53 0.00	40.61 1.90 0.00	34.98 1.95 0.00	33.27 2.21 0.00	34.42 2.34 0.00	35.95 2.35 0.00	37.90 2.15 0.00	40.08 2.55 0.00	44.40 2.90 0.00	45.79 3.08 0.00	53.03 3.42 0.00	64.45 3.76 0.00	71.24 3.78 0.00	76.83 3.31 0.00	68.36 2.50 0.00	57.92 2.07 0.00	48.36 1.90 0.00	40.16 1.43 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.97 2.10 0.00	34.50 1.67 0.00	31.40 1.55 0.00	30.41 1.48 0.00	30.20 1.41 0.00	32.62 1.37 0.00	40.75 1.53 0.00	40.61 1.90 0.00	34.98 1.95 0.00	33.27 2.21 0.00	34.42 2.34 0.00	35.95 2.35 0.00	37.90 2.15 0.00	40.08 2.55 0.00	44.40 2.90 0.00	45.79 3.08 0.00	53.03 3.42 0.00	64.45 3.76 0.00	71.24 3.78 0.00	76.83 3.31 0.00	68.36 2.50 0.00	57.92 2.07 0.00	48.36 1.90 0.00	40.16 1.43 0.00
WHITEHAL_115KV_TB1 80871	41.87 2.99 0.00	35.32 2.49 0.00	32.12 2.27 0.00	31.19 2.26 0.00	31.04 2.25 0.00	33.65 2.41 0.00	42.13 2.90 0.00	41.16 2.44 0.00	34.51 1.49 0.00	32.46 1.40 0.00	33.30 1.22 0.00	34.97 1.38 0.00	36.93 1.18 0.00	39.18 1.65 0.00	43.49 1.99 0.00	43.82 1.11 0.00	51.00 1.39 0.00	62.87 2.18 0.00	70.36 2.90 0.00	77.42 3.90 0.00	69.61 3.75 0.00	59.09 3.24 0.00	49.06 2.60 0.00	41.40 2.67 0.00
WHITEPLN_13_KV_LOAD 356215	41.56 2.68 0.00	34.96 2.13 0.00	31.82 1.97 0.00	30.78 1.85 0.00	30.58 1.79 0.00	33.06 1.81 0.00	41.30 2.08 0.00	41.19 2.48 0.00	35.44 2.41 0.00	33.68 2.61 0.00	34.87 2.79 0.00	36.42 2.82 0.00	38.44 2.68 0.00	40.61 3.08 0.00	44.98 3.49 0.00	46.43 3.72 0.00	54.02 4.41 0.00	65.61 4.92 0.00	72.52 5.06 0.00	78.15 4.63 0.00	69.48 3.62 0.00	58.92 3.07 0.00	49.06 2.60 0.00	40.66 1.94 0.00
WM_FLOYD_69_KV_BK2 356380	55.21 3.65 -12.68	41.40 2.76 -5.82	32.26 2.42 0.00	31.10 2.17 0.00	30.98 2.19 0.00	33.43 2.19 0.00	41.89 2.67 0.00	44.05 3.37 -1.96	44.55 3.07 -8.45	45.12 3.32 -10.73	40.69 3.66 -4.95	44.09 3.66 -6.83	45.68 3.47 -6.45	50.92 3.94 -9.45	57.20 4.36 -11.34	60.36 4.61 -13.04	71.83 4.17 -18.06	86.56 4.55 -21.32	89.44 4.25 -17.72	84.13 3.60 -7.01	78.70 2.31 -10.54	73.20 2.01 -15.34	55.99 3.39 -6.14	54.63 2.75 -13.15
WOODARD__115KV_TB2 355635	38.18 -0.70 0.00	32.33 -0.49 0.00	29.37 -0.48 0.00	28.44 -0.49 0.00	28.33 -0.46 0.00	30.68 -0.56 0.00	38.44 -0.78 0.00	37.95 -0.77 0.00	32.40 -0.63 0.00	30.94 -0.47 -0.34	31.70 -0.38 0.00	33.46 -0.37 -0.23	35.27 -0.61 -0.12	36.71 -0.83 0.00	41.50 -0.91 -0.92	42.75 -0.81 -0.85	49.28 -1.04 -0.71	60.12 -0.97 -0.40	66.83 -1.01 -0.38	73.48 -0.96 -0.92	65.24 -0.86 -0.23	55.06 -0.84 -0.05	45.95 -0.88 -0.37	38.54 -0.74 -0.55
YORK___WARBASSE 23770	41.84 2.95 -0.01	35.20 2.36 -0.01	32.00 2.15 -0.01	30.97 2.03 -0.01	30.76 1.96 -0.01	33.18 1.94 0.00	41.15 1.92 0.00	41.12 2.40 0.00	35.54 2.51 0.00	33.92 2.86 0.00	35.10 3.02 0.00	36.65 3.06 0.00	38.65 2.90 0.00	40.87 3.34 0.00	45.36 3.86 -0.01	46.82 4.10 -0.01	54.39 4.76 -0.02	65.54 4.86 0.00	72.19 4.72 0.00	77.49 3.97 0.00	68.95 3.10 0.00	58.75 2.90 0.00	49.11 2.65 0.00	40.82 2.09 0.00