

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		12/31/2024																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EST	29.24	28.17	27.94	28.79	29.92	32.91	38.74	43.82	41.59	33.87	33.52	32.31	32.31	33.21	37.88	41.40	46.98	54.16	50.66	46.16	44.42	40.10	37.73	35.24			
		1.47	1.29	1.23	1.24	1.29	1.17	1.81	2.24	2.09	1.61	1.51	1.48	1.48	1.58	1.97	2.27	2.95	3.26	3.27	2.98	2.59	2.16	1.90	1.52			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260		29.24	28.22	27.94	28.79	29.92	32.87	38.70	43.78	41.55	33.84	33.49	32.28	32.28	33.18	37.88	41.40	46.93	54.11	50.62	46.12	44.46	40.06	37.70	35.24			
		1.47	1.34	1.23	1.24	1.29	1.14	1.77	2.20	2.05	1.58	1.47	1.45	1.45	1.55	1.98	2.27	2.91	3.21	3.22	2.94	2.63	2.12	1.86	1.52			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261		29.24	28.22	27.94	28.79	29.92	32.87	38.70	43.78	41.55	33.84	33.49	32.28	32.28	33.18	37.88	41.40	46.93	54.11	50.62	46.12	44.46	40.06	37.70	35.24			
		1.47	1.34	1.23	1.24	1.29	1.14	1.77	2.20	2.05	1.58	1.47	1.45	1.45	1.55	1.98	2.27	2.91	3.21	3.22	2.94	2.63	2.12	1.86	1.52			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 HUDSON___FALLS 24011		28.79	27.77	27.59	28.49	29.64	32.81	38.41	43.33	41.04	33.35	33.01	31.73	31.76	32.61	37.02	40.66	46.14	53.34	49.72	45.22	43.71	39.49	37.20	34.90			
		1.03	0.89	0.88	0.94	1.00	1.08	1.48	1.75	1.54	1.10	0.99	0.89	0.92	0.98	1.11	1.53	2.11	2.44	2.32	2.03	1.88	1.56	1.36	1.18			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		28.85	27.79	27.62	28.54	29.72	32.91	38.59	43.49	41.19	33.45	33.11	31.82	31.85	32.70	37.17	40.81	46.36	53.59	49.95	45.43	43.83	39.65	37.34	35.01			
		1.08	0.91	0.91	0.99	1.09	1.17	1.66	1.91	1.70	1.19	1.09	0.99	1.02	1.08	1.26	1.68	2.33	2.70	2.56	2.24	2.01	1.71	1.50	1.28			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		28.79	27.77	27.59	28.49	29.64	32.81	38.41	43.33	41.04	33.35	33.01	31.73	31.76	32.61	37.02	40.66	46.14	53.34	49.72	45.22	43.71	39.49	37.20	34.90			
		1.03	0.89	0.88	0.94	1.00	1.08	1.48	1.75	1.54	1.10	0.99	0.89	0.92	0.98	1.11	1.53	2.11	2.44	2.32	2.03	1.88	1.56	1.36	1.18			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		29.40	28.36	28.15	29.04	30.18	33.16	38.67	43.62	41.31	33.81	33.65	32.37	32.25	33.12	37.45	41.01	46.36	53.59	49.95	45.60	43.87	39.95	37.70	35.24			
		1.64	1.48	1.44	1.49	1.55	1.43	1.74	2.04	1.82	1.55	1.63	1.54	1.42	1.49	1.54	1.88	2.33	2.70	2.56	2.42	2.05	2.01	1.86	1.52			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		28.63	27.66	27.46	28.32	29.44	32.49	37.96	42.70	40.48	33.10	32.72	31.48	31.45	32.29	36.52	39.84	44.95	51.97	48.44	44.14	42.62	38.66	36.55	34.53			
		0.86	0.78	0.75	0.77	0.80	0.76	1.03	1.12	0.99	0.84	0.70	0.65	0.62	0.66	0.61	0.70	0.92	1.07	1.04	0.95	0.79	0.72	0.72	0.81			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		27.74	26.91	26.76	27.61	28.66	31.95	37.19	41.95	39.89	32.61	32.40	31.20	31.29	32.14	36.56	39.76	44.47	51.31	47.77	43.53	42.33	38.43	36.30	34.30			
		-0.03	0.03	0.05	0.06	0.03	0.22	0.26	0.37	0.39	0.35	0.38	0.37	0.46	0.51	0.65	0.63	0.44	0.41	0.38	0.35	0.50	0.49	0.47	0.57			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR 323833		28.93	27.98	27.78	28.65	29.81	32.91	38.45	43.20	40.91	33.26	32.91	31.66	31.63	32.51	36.88	40.35	45.61	52.73	49.19	44.83	43.29	39.23	37.05	34.90			
		1.17	1.10	1.07	1.10	1.17	1.17	1.51	1.62	1.42	1.00	0.90	0.83	0.80	0.88	0.97	1.21	1.58	1.83	1.80	1.64	1.46	1.29	1.22	1.18			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		28.93	27.96	27.78	28.65	29.81	32.91	38.45	43.20	40.88	33.26	32.88	31.63	31.63	32.51	36.88	40.35	45.61	52.73	49.15	44.83	43.25	39.23	37.05	34.90			
		1.17	1.08	1.07	1.10	1.17	1.17	1.51	1.62	1.38	1.00	0.86	0.80	0.80	0.88	0.97	1.21	1.58	1.83	1.75	1.64	1.42	1.29	1.22	1.18			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		28.63	27.66	27.46	28.32	29.44	32.49	37.96	42.70	40.48	33.10	32.72	31.48	31.45	32.29	36.52	39.84	44.95	51.97	48.44	44.14	42.62	38.66	36.55	34.53			
		0.86	0.78	0.75	0.77	0.80	0.76	1.03	1.12	0.99	0.84	0.70	0.65	0.62	0.66	0.61	0.70	0.92	1.07	1.04	0.95	0.79	0.72	0.72	0.81			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.63 0.86 0.00	27.66 0.78 0.00	27.46 0.75 0.00	28.32 0.77 0.00	29.44 0.80 0.00	32.49 0.76 0.00	37.96 1.03 0.00	42.70 1.12 0.00	40.48 0.99 0.00	33.10 0.84 0.00	32.72 0.70 0.00	31.48 0.65 0.00	31.45 0.62 0.00	32.29 0.66 0.00	36.52 0.61 0.00	39.84 0.70 0.00	44.95 0.92 0.00	51.97 1.07 0.00	48.44 1.04 0.00	44.14 0.95 0.00	42.62 0.79 0.00	38.66 0.72 0.00	36.55 0.72 0.00	34.53 0.81 0.00
ALBANY___3 23573	28.63 0.86 0.00	27.66 0.78 0.00	27.46 0.75 0.00	28.32 0.77 0.00	29.44 0.80 0.00	32.49 0.76 0.00	37.96 1.03 0.00	42.70 1.12 0.00	40.48 0.99 0.00	33.10 0.84 0.00	32.72 0.70 0.00	31.48 0.65 0.00	31.45 0.62 0.00	32.29 0.66 0.00	36.52 0.61 0.00	39.84 0.70 0.00	44.95 0.92 0.00	51.97 1.07 0.00	48.44 1.04 0.00	44.14 0.95 0.00	42.62 0.79 0.00	38.66 0.72 0.00	36.55 0.72 0.00	34.53 0.81 0.00
ALBANY___4 23574	28.63 0.86 0.00	27.66 0.78 0.00	27.46 0.75 0.00	28.32 0.77 0.00	29.44 0.80 0.00	32.49 0.76 0.00	37.96 1.03 0.00	42.70 1.12 0.00	40.48 0.99 0.00	33.10 0.84 0.00	32.72 0.70 0.00	31.48 0.65 0.00	31.45 0.62 0.00	32.29 0.66 0.00	36.52 0.61 0.00	39.84 0.70 0.00	44.95 0.92 0.00	51.97 1.07 0.00	48.44 1.04 0.00	44.14 0.95 0.00	42.62 0.79 0.00	38.66 0.72 0.00	36.55 0.72 0.00	34.53 0.81 0.00
ALBANY___LFGE 323615	28.76 1.00 0.00	27.77 0.89 0.00	27.56 0.85 0.00	28.46 0.91 0.00	29.58 0.94 0.00	32.65 0.92 0.00	38.19 1.26 0.00	42.95 1.37 0.00	40.76 1.26 0.00	33.26 1.00 0.00	32.91 0.90 0.00	31.66 0.83 0.00	31.63 0.80 0.00	32.48 0.85 0.00	36.77 0.86 0.00	40.07 0.94 0.00	45.31 1.28 0.00	52.32 1.42 0.00	48.81 1.42 0.00	44.48 1.29 0.00	42.87 1.05 0.00	38.92 0.98 0.00	36.80 0.97 0.00	34.70 0.98 0.00
ALCOA_PA_115KV_PL-6C 55860	27.85 0.08 0.00	27.01 0.13 0.00	26.87 0.16 0.00	27.72 0.17 0.00	28.78 0.14 0.00	32.08 0.35 0.00	37.34 0.41 0.00	42.16 0.58 0.00	40.09 0.59 0.00	32.74 0.48 0.00	32.53 0.51 0.00	31.32 0.49 0.00	31.42 0.59 0.00	32.26 0.63 0.00	36.70 0.79 0.00	39.96 0.82 0.00	44.51 0.48 0.00	51.36 0.46 0.00	47.82 0.43 0.00	43.58 0.39 0.00	42.49 0.67 0.00	38.58 0.64 0.00	36.48 0.65 0.00	34.50 0.78 0.00
ALCOA_RYNLDS___DRP 24188	27.85 0.08 0.00	27.01 0.13 0.00	26.87 0.16 0.00	27.72 0.17 0.00	28.78 0.14 0.00	32.08 0.35 0.00	37.34 0.41 0.00	42.16 0.58 0.00	40.09 0.59 0.00	32.74 0.48 0.00	32.53 0.51 0.00	31.32 0.49 0.00	31.42 0.59 0.00	32.26 0.63 0.00	36.70 0.79 0.00	39.96 0.82 0.00	44.51 0.48 0.00	51.36 0.46 0.00	47.82 0.43 0.00	43.58 0.39 0.00	42.49 0.67 0.00	38.58 0.64 0.00	36.48 0.65 0.00	34.50 0.78 0.00
ALCOA___DSASP 323711	27.85 0.08 0.00	27.01 0.14 0.00	26.87 0.16 0.00	27.72 0.17 0.00	28.78 0.14 0.00	32.08 0.35 0.00	37.34 0.41 0.00	42.16 0.58 0.00	40.09 0.59 0.00	32.74 0.48 0.00	32.53 0.51 0.00	31.32 0.49 0.00	31.42 0.58 0.00	32.26 0.63 0.00	36.70 0.79 0.00	39.96 0.82 0.00	44.51 0.49 0.00	51.36 0.46 0.00	47.82 0.43 0.00	43.57 0.39 0.00	42.49 0.67 0.00	38.58 0.64 0.00	36.48 0.65 0.00	34.50 0.78 0.00
ALLEGHENY___COGEN 23514	27.43 -0.33 0.00	26.80 -0.08 0.00	26.68 -0.03 0.00	27.58 0.03 0.00	28.69 0.06 0.00	32.36 0.63 0.00	37.49 0.55 0.00	42.00 0.42 0.00	39.93 0.44 0.00	32.68 0.42 0.00	32.46 0.45 0.00	31.14 0.31 0.00	31.05 0.22 0.00	31.53 -0.09 0.00	35.73 -0.18 0.00	38.74 -0.39 0.00	43.06 -0.97 0.00	50.34 -0.56 0.00	46.63 -0.76 0.00	42.49 -0.69 0.00	41.95 0.13 0.00	37.94 0.00 0.00	35.98 0.14 0.00	34.13 0.41 0.00
ALTAMONT_115KV_TB 2 55880	28.54 0.78 0.00	27.61 0.73 0.00	27.40 0.69 0.00	28.27 0.72 0.00	29.38 0.74 0.00	32.46 0.73 0.00	37.89 0.96 0.00	42.66 1.08 0.00	40.44 0.95 0.00	33.03 0.77 0.00	32.72 0.70 0.00	31.48 0.65 0.00	31.48 0.65 0.00	32.29 0.66 0.00	36.63 0.72 0.00	40.03 0.90 0.00	45.17 1.14 0.00	52.22 1.32 0.00	48.67 1.28 0.00	44.35 1.17 0.00	42.87 1.05 0.00	38.85 0.91 0.00	36.70 0.86 0.00	34.47 0.74 0.00
ALTONA_WT_PWR 323606	27.21 -0.56 0.00	26.42 -0.46 0.00	26.23 -0.48 0.00	27.05 -0.50 0.00	28.12 -0.51 0.00	31.48 -0.25 0.00	36.78 -0.15 0.00	41.66 0.08 0.00	39.77 0.28 0.00	32.58 0.32 0.00	32.50 0.48 0.00	31.39 0.56 0.00	31.60 0.77 0.00	32.55 0.92 0.00	37.09 1.18 0.00	40.39 1.25 0.00	44.96 0.93 0.00	51.82 0.92 0.00	48.15 0.76 0.00	43.84 0.65 0.00	42.54 0.71 0.00	38.85 0.91 0.00	36.59 0.75 0.00	34.57 0.84 0.00
AMERICAN_REF_FUEL 24010	25.38 -2.39 0.00	24.86 -2.02 0.00	24.81 -1.90 0.00	25.48 -2.07 0.00	26.54 -2.09 0.00	29.92 -1.81 0.00	34.01 -2.92 0.00	37.59 -3.99 0.00	35.98 -3.52 0.00	29.87 -2.39 0.00	29.81 -2.21 0.00	28.55 -2.28 0.00	28.46 -2.37 0.00	29.04 -2.59 0.00	32.39 -3.52 0.00	34.87 -4.26 0.00	38.26 -5.77 0.00	44.79 -6.11 0.00	41.28 -6.11 0.00	37.74 -5.44 0.00	37.85 -3.97 0.00	34.29 -3.64 0.00	32.83 -3.01 0.00	31.43 -2.29 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.10 -1.67 0.00	25.67 -1.21 0.00	25.77 -0.94 0.00	26.64 -0.91 0.00	27.86 -0.77 0.00	31.54 -0.19 0.00	36.12 -0.81 0.00	40.08 -1.50 0.00	38.31 -1.18 0.00	31.55 -0.71 0.00	31.28 -0.74 0.00	29.81 -1.02 0.00	29.72 -1.11 0.00	30.33 -1.30 0.00	33.83 -2.08 0.00	36.51 -2.62 0.00	40.20 -3.83 0.00	47.08 -3.82 0.00	43.56 -3.84 0.00	39.82 -3.37 0.00	39.86 -1.97 0.00	36.15 -1.78 0.00	34.58 -1.26 0.00	33.12 -0.61 0.00
ARTHUR KILL_GT_1 23520	49.35 1.67 -19.92	48.74 1.53 -20.33	48.24 1.49 -20.04	48.75 1.49 -19.71	48.78 1.46 -18.68	48.79 1.27 -15.78	50.71 1.81 -11.97	52.96 2.16 -9.22	52.46 1.97 -10.99	52.14 1.58 -18.30	51.46 1.54 -17.91	51.43 1.63 -18.97	52.00 1.60 -19.57	52.13 1.61 -18.89	52.08 1.97 -14.19	52.19 2.27 -10.78	136.42 2.91 -89.49	154.27 3.26 -100.11	81.18 3.22 -30.56	52.97 2.89 -6.89	76.92 2.55 -32.54	52.40 2.16 -12.31	52.08 1.90 -14.34	50.34 1.59 -15.03
ARTHUR_KILL_2 23512	49.27 1.58 -19.92	48.69 1.48 -20.33	48.16 1.41 -20.04	48.69 1.43 -19.71	48.69 1.37 -18.68	48.69 1.17 -15.78	50.56 1.66 -11.97	52.84 2.04 -9.22	52.34 1.86 -10.99	52.04 1.48 -18.30	51.37 1.44 -17.91	51.31 1.51 -18.97	51.91 1.51 -19.57	52.04 1.52 -18.89	51.97 1.87 -14.19	52.07 2.15 -10.78	136.29 2.78 -89.49	154.06 3.05 -100.11	81.03 3.08 -30.56	52.84 2.77 -6.89	76.79 2.42 -32.54	52.29 2.05 -12.31	51.97 1.79 -14.34	50.24 1.48 -15.03
ARTHUR_KILL_3 23513	48.81 1.11 -19.93	48.19 0.97 -20.34	47.69 0.93 -20.04	48.15 0.88 -19.72	48.22 0.92 -18.67	48.25 0.73 -15.79	50.23 1.33 -11.97	52.52 1.71 -9.23	52.03 1.54 -11.00	51.72 1.16 -18.31	50.99 1.05 -17.92	50.89 1.08 -18.98	51.49 1.08 -19.58	51.67 1.14 -18.90	51.62 1.51 -14.20	51.69 1.76 -10.79	135.90 2.38 -89.49	153.56 2.54 -100.12	80.61 2.65 -30.57	52.50 2.42 -6.90	76.42 2.05 -32.55	51.92 1.67 -12.31	51.62 1.43 -14.35	49.84 1.08 -15.04

ARTHUR_KILL_COGEN 323718	49.35 1.67 -19.92	48.74 1.53 -20.33	48.24 1.49 -20.04	48.75 1.49 -19.71	48.78 1.46 -18.68	48.79 1.27 -15.78	50.71 1.81 -11.97	52.96 2.16 -9.22	52.46 1.97 -10.99	52.14 1.58 -18.30	51.46 1.54 -17.91	51.43 1.63 -18.97	52.00 1.60 -19.57	52.13 1.61 -18.89	52.08 1.97 -14.19	52.19 2.27 -10.78	136.42 2.91 -89.49	154.27 3.26 -100.11	81.18 3.22 -30.56	52.97 2.89 -6.89	76.92 2.55 -32.54	52.40 2.16 -12.31	52.08 1.90 -14.34	50.34 1.59 -15.03
ASHOKAN____ 23654	29.74 1.97 0.00	28.73 1.85 0.00	28.37 1.66 0.00	29.34 1.79 0.00	30.55 1.92 0.00	33.63 1.90 0.00	39.59 2.66 0.00	44.57 3.00 0.00	42.26 2.76 0.00	34.19 1.94 0.00	33.65 1.63 0.00	32.34 1.51 0.00	32.31 1.48 0.00	33.27 1.64 0.00	38.03 2.12 0.00	41.72 2.58 0.00	47.64 3.61 0.00	54.87 3.97 0.00	51.23 3.84 0.00	46.64 3.46 0.00	44.71 2.88 0.00	40.21 2.28 0.00	38.09 2.26 0.00	35.78 2.06 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.10 1.33 0.00	27.97 1.10 0.01	27.77 1.07 0.01	28.59 1.05 0.01	29.74 1.12 0.01	32.55 0.82 0.01	38.29 1.37 0.01	43.28 1.71 0.01	41.07 1.58 0.01	33.54 1.29 0.01	33.19 1.19 0.01	32.02 1.20 0.01	32.02 1.20 0.01	32.92 1.30 0.01	37.52 1.62 0.01	40.96 1.84 0.01	46.44 2.42 0.01	53.54 2.65 0.01	50.09 2.70 0.01	45.60 2.42 0.01	43.87 2.05 0.01	39.64 1.71 0.01	37.33 1.50 0.01	34.90 1.18 0.01
ASTORIA_EAST_ENERGY_CC2 323582	29.10 1.33 0.00	27.97 1.10 0.01	27.77 1.07 0.01	28.59 1.05 0.01	29.74 1.12 0.01	32.55 0.82 0.01	38.29 1.37 0.01	43.28 1.71 0.01	41.07 1.58 0.01	33.54 1.29 0.01	33.19 1.19 0.01	32.02 1.20 0.01	32.02 1.20 0.01	32.92 1.30 0.01	37.52 1.62 0.01	40.96 1.84 0.01	46.44 2.42 0.01	53.54 2.65 0.01	50.09 2.70 0.01	45.60 2.42 0.01	43.87 2.05 0.01	39.64 1.71 0.01	37.33 1.50 0.01	34.90 1.18 0.01
ASTORIA_GT2_1 24094	29.10 1.33 0.00	28.06 1.18 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.56 0.82 0.00	38.30 1.37 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.55 1.29 0.00	33.20 1.18 0.00	32.06 1.23 0.00	32.06 1.23 0.00	32.93 1.30 0.00	37.53 1.62 0.00	41.01 1.88 0.00	46.49 2.47 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.65 2.46 0.00	44.00 2.17 0.00	39.68 1.75 0.00	37.34 1.51 0.00	34.94 1.21 0.00
ASTORIA_GT2_2 24095	29.10 1.33 0.00	28.06 1.18 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.56 0.82 0.00	38.30 1.37 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.55 1.29 0.00	33.20 1.18 0.00	32.06 1.23 0.00	32.06 1.23 0.00	32.93 1.30 0.00	37.53 1.62 0.00	41.01 1.88 0.00	46.49 2.47 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.65 2.46 0.00	44.00 2.17 0.00	39.68 1.75 0.00	37.34 1.51 0.00	34.94 1.21 0.00
ASTORIA_GT2_3 24096	29.10 1.33 0.00	28.06 1.18 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.56 0.82 0.00	38.30 1.37 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.55 1.29 0.00	33.20 1.18 0.00	32.06 1.23 0.00	32.06 1.23 0.00	32.93 1.30 0.00	37.53 1.62 0.00	41.01 1.88 0.00	46.49 2.47 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.65 2.46 0.00	44.00 2.17 0.00	39.68 1.75 0.00	37.34 1.51 0.00	34.94 1.21 0.00
ASTORIA_GT2_4 24097	29.10 1.33 0.00	28.06 1.18 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.56 0.82 0.00	38.30 1.37 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.55 1.29 0.00	33.20 1.18 0.00	32.06 1.23 0.00	32.06 1.23 0.00	32.93 1.30 0.00	37.53 1.62 0.00	41.01 1.88 0.00	46.49 2.47 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.65 2.46 0.00	44.00 2.17 0.00	39.68 1.75 0.00	37.34 1.51 0.00	34.94 1.21 0.00
ASTORIA_GT3_1 24098	29.10 1.33 0.00	28.06 1.18 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.56 0.82 0.00	38.30 1.37 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.55 1.29 0.00	33.20 1.18 0.00	32.06 1.23 0.00	32.06 1.23 0.00	32.93 1.30 0.00	37.53 1.62 0.00	41.01 1.88 0.00	46.49 2.47 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.65 2.46 0.00	44.00 2.17 0.00	39.68 1.75 0.00	37.34 1.51 0.00	34.94 1.21 0.00
ASTORIA_GT3_2 24099	29.10 1.33 0.00	28.06 1.18 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.56 0.82 0.00	38.30 1.37 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.55 1.29 0.00	33.20 1.18 0.00	32.06 1.23 0.00	32.06 1.23 0.00	32.93 1.30 0.00	37.53 1.62 0.00	41.01 1.88 0.00	46.49 2.47 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.65 2.46 0.00	44.00 2.17 0.00	39.68 1.75 0.00	37.34 1.51 0.00	34.94 1.21 0.00
ASTORIA_GT3_3 24100	29.10 1.33 0.00	28.06 1.18 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.56 0.82 0.00	38.30 1.37 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.55 1.29 0.00	33.20 1.18 0.00	32.06 1.23 0.00	32.06 1.23 0.00	32.93 1.30 0.00	37.53 1.62 0.00	41.01 1.88 0.00	46.49 2.47 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.65 2.46 0.00	44.00 2.17 0.00	39.68 1.75 0.00	37.34 1.51 0.00	34.94 1.21 0.00
ASTORIA_GT3_4 24101	29.10 1.33 0.00	28.06 1.18 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.56 0.82 0.00	38.30 1.37 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.55 1.29 0.00	33.20 1.18 0.00	32.06 1.23 0.00	32.06 1.23 0.00	32.93 1.30 0.00	37.53 1.62 0.00	41.01 1.88 0.00	46.49 2.47 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.65 2.46 0.00	44.00 2.17 0.00	39.68 1.75 0.00	37.34 1.51 0.00	34.94 1.21 0.00
ASTORIA_GT4_1 24102	29.10 1.33 0.00	28.06 1.18 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.56 0.82 0.00	38.30 1.37 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.55 1.29 0.00	33.20 1.18 0.00	32.06 1.23 0.00	32.06 1.23 0.00	32.93 1.30 0.00	37.53 1.62 0.00	41.01 1.88 0.00	46.49 2.47 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.65 2.46 0.00	44.00 2.17 0.00	39.68 1.75 0.00	37.34 1.51 0.00	34.94 1.21 0.00
ASTORIA_GT4_2 24103	29.10 1.33 0.00	28.06 1.18 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.56 0.82 0.00	38.30 1.37 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.55 1.29 0.00	33.20 1.18 0.00	32.06 1.23 0.00	32.06 1.23 0.00	32.93 1.30 0.00	37.53 1.62 0.00	41.01 1.88 0.00	46.49 2.47 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.65 2.46 0.00	44.00 2.17 0.00	39.68 1.75 0.00	37.34 1.51 0.00	34.94 1.21 0.00
ASTORIA_GT4_3 24104	29.10 1.33 0.00	28.06 1.18 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.56 0.82 0.00	38.30 1.37 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.55 1.29 0.00	33.20 1.18 0.00	32.06 1.23 0.00	32.06 1.23 0.00	32.93 1.30 0.00	37.53 1.62 0.00	41.01 1.88 0.00	46.49 2.47 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.65 2.46 0.00	44.00 2.17 0.00	39.68 1.75 0.00	37.34 1.51 0.00	34.94 1.21 0.00

ASTORIA_GT4_4 24105	29.10 1.33 0.00	28.06 1.18 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.56 0.82 0.00	38.30 1.37 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.55 1.29 0.00	33.20 1.18 0.00	32.06 1.23 0.00	32.06 1.23 0.00	32.93 1.30 0.00	37.53 1.62 0.00	41.01 1.88 0.00	46.49 2.47 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.65 2.46 0.00	44.00 2.17 0.00	39.68 1.75 0.00	37.34 1.51 0.00	34.94 1.21 0.00
ASTORIA_GT_1 23523	29.15 1.39 0.00	28.03 1.16 0.01	27.80 1.10 0.01	28.65 1.10 0.01	29.77 1.15 0.01	32.61 0.89 0.01	38.36 1.44 0.01	43.36 1.79 0.01	41.15 1.66 0.01	33.60 1.35 0.01	33.26 1.25 0.01	32.09 1.26 0.01	32.09 1.26 0.01	32.98 1.36 0.01	37.59 1.69 0.01	41.04 1.92 0.01	46.53 2.51 0.01	53.69 2.80 0.01	50.18 2.80 0.01	45.73 2.55 0.01	43.99 2.17 0.01	39.71 1.78 0.01	37.40 1.57 0.01	34.96 1.25 0.01
ASTORIA_GT_10 24110	29.15 1.39 0.00	28.14 1.26 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.71 0.98 0.00	38.48 1.55 0.00	43.53 1.95 0.00	41.31 1.82 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.19 1.36 0.00	32.19 1.36 0.00	33.05 1.42 0.00	37.70 1.80 0.00	41.17 2.03 0.00	46.71 2.69 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.86 2.68 0.00	44.21 2.38 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
ASTORIA_GT_11 24225	29.15 1.39 0.00	28.14 1.26 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.71 0.98 0.00	38.48 1.55 0.00	43.53 1.95 0.00	41.31 1.82 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.19 1.36 0.00	32.19 1.36 0.00	33.05 1.42 0.00	37.70 1.80 0.00	41.17 2.03 0.00	46.71 2.69 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.86 2.68 0.00	44.21 2.38 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
ASTORIA_GT_12 24226	29.15 1.39 0.00	28.14 1.26 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.71 0.98 0.00	38.48 1.55 0.00	43.53 1.95 0.00	41.31 1.82 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.19 1.36 0.00	32.19 1.36 0.00	33.05 1.42 0.00	37.70 1.80 0.00	41.17 2.03 0.00	46.71 2.69 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.86 2.68 0.00	44.21 2.38 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
ASTORIA_GT_13 24227	29.15 1.39 0.00	28.14 1.26 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.71 0.98 0.00	38.48 1.55 0.00	43.53 1.95 0.00	41.31 1.82 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.19 1.36 0.00	32.19 1.36 0.00	33.05 1.42 0.00	37.70 1.80 0.00	41.17 2.03 0.00	46.71 2.69 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.86 2.68 0.00	44.21 2.38 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
ASTORIA_GT_5 24106	29.15 1.39 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.59 0.86 0.00	38.37 1.44 0.00	43.37 1.79 0.00	41.15 1.66 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.10 1.26 0.00	32.10 1.26 0.00	32.99 1.36 0.00	37.60 1.69 0.00	41.05 1.92 0.00	46.54 2.51 0.00	53.70 2.80 0.00	50.19 2.80 0.00	45.73 2.55 0.00	44.08 2.26 0.00	39.76 1.82 0.00	37.41 1.58 0.00	34.97 1.25 0.00
ASTORIA_GT_7 24107	29.15 1.39 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.59 0.86 0.00	38.37 1.44 0.00	43.37 1.79 0.00	41.15 1.66 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.10 1.26 0.00	32.10 1.26 0.00	32.99 1.36 0.00	37.60 1.69 0.00	41.05 1.92 0.00	46.54 2.51 0.00	53.70 2.80 0.00	50.19 2.80 0.00	45.73 2.55 0.00	44.08 2.26 0.00	39.76 1.82 0.00	37.41 1.58 0.00	34.97 1.25 0.00
ASTORIA_GT_8 24108	29.15 1.39 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.59 0.86 0.00	38.37 1.44 0.00	43.37 1.79 0.00	41.15 1.66 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.10 1.26 0.00	32.10 1.26 0.00	32.99 1.36 0.00	37.60 1.69 0.00	41.05 1.92 0.00	46.54 2.51 0.00	53.70 2.80 0.00	50.19 2.80 0.00	45.73 2.55 0.00	44.08 2.26 0.00	39.76 1.82 0.00	37.41 1.58 0.00	34.97 1.25 0.00
ASTORIA___2 24149	29.10 1.33 0.00	28.00 1.13 0.01	27.77 1.07 0.01	28.62 1.07 0.01	29.74 1.12 0.01	32.58 0.86 0.01	38.33 1.40 0.01	43.32 1.75 0.01	41.11 1.62 0.01	33.54 1.29 0.01	33.19 1.19 0.01	32.06 1.23 0.01	32.06 1.23 0.01	32.92 1.30 0.01	37.52 1.62 0.01	40.96 1.84 0.01	46.49 2.46 0.01	53.59 2.70 0.01	50.09 2.70 0.01	45.64 2.46 0.01	43.91 2.09 0.01	39.67 1.75 0.01	37.33 1.50 0.01	34.90 1.18 0.01
ASTORIA___3 23516	29.15 1.39 0.00	28.06 1.18 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.72 0.98 0.00	38.48 1.55 0.00	43.53 1.95 0.00	41.31 1.82 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.19 1.36 0.00	32.19 1.36 0.00	33.05 1.42 0.00	37.70 1.79 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.87 2.68 0.00	44.12 2.30 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
ASTORIA___4 23517	29.15 1.39 0.00	28.14 1.26 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.71 0.98 0.00	38.48 1.55 0.00	43.53 1.95 0.00	41.31 1.82 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.19 1.36 0.00	32.19 1.36 0.00	33.05 1.42 0.00	37.70 1.80 0.00	41.17 2.03 0.00	46.71 2.69 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.86 2.68 0.00	44.21 2.38 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
ASTORIA___5 23518	29.15 1.39 0.00	28.06 1.18 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.72 0.98 0.00	38.48 1.55 0.00	43.53 1.95 0.00	41.31 1.82 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.19 1.36 0.00	32.19 1.36 0.00	33.05 1.42 0.00	37.70 1.79 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.87 2.68 0.00	44.12 2.30 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
AST_ENERGY_2_CC3 323677	28.99 1.22 0.00	27.96 1.08 0.00	27.75 1.04 0.00	28.57 1.02 0.00	29.66 1.03 0.00	32.57 0.86 0.02	32.84 1.44 5.53	34.84 1.83 8.57	34.34 1.66 6.81	33.53 1.29 0.02	33.19 1.19 0.02	31.99 1.17 0.02	31.99 1.17 0.02	32.88 1.27 0.02	35.21 1.65 2.35	35.31 1.88 5.70	36.08 2.51 10.46	36.08 2.75 17.57	36.82 2.80 13.37	36.08 2.55 9.65	35.66 2.17 8.34	35.53 1.78 4.19	35.21 1.54 2.16	34.08 1.18 0.82
AST_ENERGY_2_CC4 323678	28.99 1.22 0.00	27.96 1.08 0.00	27.75 1.04 0.00	28.57 1.02 0.00	29.66 1.03 0.00	32.57 0.86 0.02	32.84 1.44 5.53	34.84 1.83 8.57	34.34 1.66 6.81	33.53 1.29 0.02	33.19 1.19 0.02	31.99 1.17 0.02	31.99 1.17 0.02	32.88 1.27 0.02	35.21 1.65 2.35	35.31 1.88 5.70	36.08 2.51 10.46	36.08 2.75 17.57	36.82 2.80 13.37	36.08 2.55 9.65	35.66 2.17 8.34	35.53 1.78 4.19	35.21 1.54 2.16	34.08 1.18 0.82

ATHENS_STG_1 23668	28.65 0.89 0.00	27.66 0.78 0.00	27.46 0.75 0.00	28.32 0.77 0.00	29.46 0.83 0.00	32.46 0.73 0.00	37.96 1.03 0.00	42.79 1.21 0.00	40.60 1.10 0.00	33.13 0.87 0.00	32.82 0.80 0.00	31.60 0.77 0.00	31.57 0.74 0.00	32.42 0.79 0.00	36.84 0.93 0.00	40.27 1.14 0.00	45.48 1.45 0.00	52.53 1.63 0.00	49.01 1.61 0.00	44.70 1.51 0.00	43.08 1.25 0.00	39.04 1.10 0.00	36.84 1.00 0.00	34.57 0.84 0.00
ATHENS_STG_2 23670	28.65 0.89 0.00	27.66 0.78 0.00	27.46 0.75 0.00	28.32 0.77 0.00	29.46 0.83 0.00	32.46 0.73 0.00	37.96 1.03 0.00	42.79 1.21 0.00	40.60 1.10 0.00	33.13 0.87 0.00	32.82 0.80 0.00	31.60 0.77 0.00	31.57 0.74 0.00	32.42 0.79 0.00	36.84 0.93 0.00	40.27 1.14 0.00	45.48 1.45 0.00	52.53 1.63 0.00	49.01 1.61 0.00	44.70 1.51 0.00	43.08 1.25 0.00	39.04 1.10 0.00	36.84 1.00 0.00	34.57 0.84 0.00
ATHENS_STG_3 23677	28.65 0.89 0.00	27.66 0.78 0.00	27.46 0.75 0.00	28.32 0.77 0.00	29.46 0.83 0.00	32.46 0.73 0.00	37.96 1.03 0.00	42.79 1.21 0.00	40.60 1.10 0.00	33.13 0.87 0.00	32.82 0.80 0.00	31.60 0.77 0.00	31.57 0.74 0.00	32.42 0.79 0.00	36.84 0.93 0.00	40.27 1.14 0.00	45.48 1.45 0.00	52.53 1.63 0.00	49.01 1.61 0.00	44.70 1.51 0.00	43.08 1.25 0.00	39.04 1.10 0.00	36.84 1.00 0.00	34.57 0.84 0.00
AUBURN___LFGE 323710	27.46 -0.31 0.00	26.56 -0.32 0.00	26.44 -0.27 0.00	27.30 -0.25 0.00	28.38 -0.26 0.00	31.57 -0.16 0.00	36.63 -0.30 0.00	41.12 -0.46 0.00	39.10 -0.39 0.00	31.87 -0.39 0.00	31.70 -0.32 0.00	30.43 -0.40 0.00	30.37 -0.46 0.00	31.12 -0.51 0.00	35.41 -0.50 0.00	38.47 -0.67 0.00	43.24 -0.79 0.00	50.14 -0.76 0.00	46.68 -0.71 0.00	42.54 -0.65 0.00	41.24 -0.59 0.00	37.48 -0.46 0.00	35.44 -0.39 0.00	33.32 -0.40 0.00
BABYLON_RES_REC 323704	29.63 1.86 0.00	28.33 1.45 0.00	27.97 1.26 0.00	28.79 1.24 0.00	29.98 1.35 0.00	33.16 1.43 0.00	39.15 2.22 0.00	44.45 2.87 0.00	41.70 2.21 0.00	33.67 1.42 0.00	33.33 1.31 0.00	32.07 1.23 0.00	32.16 1.32 0.00	33.21 1.58 0.00	38.57 2.66 0.00	42.30 3.17 0.00	48.88 3.96 -0.89	55.54 4.63 -0.01	52.00 4.50 -0.10	49.45 3.93 -2.34	45.43 3.60 -0.01	41.06 3.11 -0.01	38.42 2.58 0.00	35.68 1.96 0.00
BABYLON___69_KV_BK2 356345	29.93 2.17 0.00	28.68 1.80 0.00	28.34 1.63 0.00	29.07 1.52 0.00	30.27 1.63 0.00	33.51 1.78 0.00	39.59 2.66 0.00	44.95 3.37 0.00	42.18 2.69 0.00	34.06 1.81 0.00	33.71 1.70 0.00	32.43 1.60 0.00	32.53 1.70 0.00	33.59 1.96 0.00	39.03 3.12 0.00	42.69 3.56 0.00	49.52 4.62 -0.87	56.41 5.50 -0.01	52.80 5.31 -0.10	50.18 4.71 -2.29	46.06 4.22 -0.01	41.55 3.60 -0.01	38.85 3.01 0.00	36.09 2.36 0.00
BALL_HILL_WT_PWR 323825	26.18 -1.58 0.00	25.67 -1.21 0.00	25.67 -1.04 0.00	26.45 -1.10 0.00	27.60 -1.03 0.00	31.16 -0.57 0.00	35.60 -1.33 0.00	39.50 -2.08 0.00	37.80 -1.70 0.00	31.22 -1.03 0.00	31.09 -0.93 0.00	29.72 -1.11 0.00	29.60 -1.23 0.00	30.24 -1.39 0.00	33.76 -2.15 0.00	36.39 -2.74 0.00	40.07 -3.96 0.00	46.88 -4.02 0.00	43.27 -4.12 0.00	39.56 -3.63 0.00	39.52 -2.30 0.00	35.85 -2.09 0.00	34.26 -1.58 0.00	32.78 -0.94 0.00
BARON_WINDS___WT_PWR 323822	26.65 -1.11 0.00	25.99 -0.89 0.00	25.96 -0.75 0.00	26.83 -0.72 0.00	28.00 -0.63 0.00	31.44 -0.29 0.00	36.27 -0.66 0.00	40.46 -1.12 0.00	38.59 -0.91 0.00	31.64 -0.61 0.00	31.41 -0.61 0.00	30.06 -0.77 0.00	29.97 -0.86 0.00	30.62 -1.01 0.00	34.51 -1.40 0.00	37.29 -1.84 0.00	41.43 -2.60 0.00	48.20 -2.70 0.00	44.60 -2.80 0.00	40.73 -2.46 0.00	40.11 -1.72 0.00	36.42 -1.52 0.00	34.69 -1.15 0.00	33.12 -0.61 0.00
BARRETT_IC_1 23704	29.38 1.61 -0.01	28.14 1.26 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.81 1.17 0.00	32.91 1.17 -0.01	38.82 1.88 -0.01	44.04 2.45 -0.01	41.36 1.86 -0.01	33.46 1.19 -0.01	33.11 1.09 -0.01	31.89 1.05 -0.01	31.95 1.11 -0.01	32.96 1.33 -0.01	38.14 2.23 -0.01	41.80 2.66 0.00	47.84 3.04 -0.77	54.52 3.61 -0.01	51.04 3.56 -0.09	48.33 2.98 -2.16	44.77 2.93 -0.02	40.53 2.58 -0.02	38.03 2.19 -0.01	35.38 1.65 -0.01
BARRETT_IC_10 23701	29.38 1.61 -0.01	28.14 1.26 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.81 1.17 0.00	32.91 1.17 -0.01	38.82 1.88 -0.01	44.04 2.45 -0.01	41.36 1.86 -0.01	33.46 1.19 -0.01	33.11 1.09 -0.01	31.89 1.05 -0.01	31.95 1.11 -0.01	32.96 1.33 -0.01	38.14 2.23 -0.01	41.80 2.66 0.00	47.84 3.04 -0.77	54.52 3.61 -0.01	51.04 3.56 -0.09	48.33 2.98 -2.16	44.77 2.93 -0.02	40.53 2.58 -0.02	38.03 2.19 -0.01	35.38 1.65 -0.01
BARRETT_IC_11 23702	29.38 1.61 -0.01	28.14 1.26 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.81 1.17 0.00	32.91 1.17 -0.01	38.82 1.88 -0.01	44.04 2.45 -0.01	41.36 1.86 -0.01	33.46 1.19 -0.01	33.11 1.09 -0.01	31.89 1.05 -0.01	31.95 1.11 -0.01	32.96 1.33 -0.01	38.14 2.23 -0.01	41.80 2.66 0.00	47.84 3.04 -0.77	54.52 3.61 -0.01	51.04 3.56 -0.09	48.33 2.98 -2.16	44.77 2.93 -0.02	40.53 2.58 -0.02	38.03 2.19 -0.01	35.38 1.65 -0.01
BARRETT_IC_12 23703	29.38 1.61 -0.01	28.14 1.26 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.81 1.17 0.00	32.91 1.17 -0.01	38.82 1.88 -0.01	44.04 2.45 -0.01	41.36 1.86 -0.01	33.46 1.19 -0.01	33.11 1.09 -0.01	31.89 1.05 -0.01	31.95 1.11 -0.01	32.96 1.33 -0.01	38.14 2.23 -0.01	41.80 2.66 0.00	47.84 3.04 -0.77	54.52 3.61 -0.01	51.04 3.56 -0.09	48.33 2.98 -2.16	44.77 2.93 -0.02	40.53 2.58 -0.02	38.03 2.19 -0.01	35.38 1.65 -0.01
BARRETT_IC_2 23705	29.38 1.61 -0.01	28.14 1.26 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.81 1.17 0.00	32.91 1.17 -0.01	38.82 1.88 -0.01	44.04 2.45 -0.01	41.36 1.86 -0.01	33.46 1.19 -0.01	33.11 1.09 -0.01	31.89 1.05 -0.01	31.95 1.11 -0.01	32.96 1.33 -0.01	38.14 2.23 -0.01	41.80 2.66 0.00	47.84 3.04 -0.77	54.52 3.61 -0.01	51.04 3.56 -0.09	48.33 2.98 -2.16	44.77 2.93 -0.02	40.53 2.58 -0.02	38.03 2.19 -0.01	35.38 1.65 -0.01
BARRETT_IC_3 23706	29.38 1.61 -0.01	28.14 1.26 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.81 1.17 0.00	32.91 1.17 -0.01	38.82 1.88 -0.01	44.04 2.45 -0.01	41.36 1.86 -0.01	33.46 1.19 -0.01	33.11 1.09 -0.01	31.89 1.05 -0.01	31.95 1.11 -0.01	32.96 1.33 -0.01	38.14 2.23 -0.01	41.80 2.66 0.00	47.84 3.04 -0.77	54.52 3.61 -0.01	51.04 3.56 -0.09	48.33 2.98 -2.16	44.77 2.93 -0.02	40.53 2.58 -0.02	38.03 2.19 -0.01	35.38 1.65 -0.01
BARRETT_IC_4 23707	29.38 1.61 -0.01	28.14 1.26 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.81 1.17 0.00	32.91 1.17 -0.01	38.82 1.88 -0.01	44.04 2.45 -0.01	41.36 1.86 -0.01	33.46 1.19 -0.01	33.11 1.09 -0.01	31.89 1.05 -0.01	31.95 1.11 -0.01	32.96 1.33 -0.01	38.14 2.23 -0.01	41.80 2.66 0.00	47.84 3.04 -0.77	54.52 3.61 -0.01	51.04 3.56 -0.09	48.33 2.98 -2.16	44.77 2.93 -0.02	40.53 2.58 -0.02	38.03 2.19 -0.01	35.38 1.65 -0.01

BARRETT_IC_5 23708	29.38 1.61 -0.01	28.14 1.26 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.81 1.17 0.00	32.91 1.17 -0.01	38.82 1.88 -0.01	44.04 2.45 -0.01	41.36 1.86 -0.01	33.46 1.19 -0.01	33.11 1.09 -0.01	31.89 1.05 -0.01	31.95 1.11 -0.01	32.96 1.33 -0.01	38.14 2.23 -0.01	41.80 2.66 0.00	47.84 3.04 -0.77	54.52 3.61 -0.01	51.04 3.56 -0.09	48.33 2.98 -2.16	44.77 2.93 -0.02	40.53 2.58 -0.02	38.03 2.19 -0.01	35.38 1.65 -0.01
BARRETT_IC_6 23709	29.38 1.61 -0.01	28.14 1.26 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.81 1.17 0.00	32.91 1.17 -0.01	38.82 1.88 -0.01	44.04 2.45 -0.01	41.36 1.86 -0.01	33.46 1.19 -0.01	33.11 1.09 -0.01	31.89 1.05 -0.01	31.95 1.11 -0.01	32.96 1.33 -0.01	38.14 2.23 -0.01	41.80 2.66 0.00	47.84 3.04 -0.77	54.52 3.61 -0.01	51.04 3.56 -0.09	48.33 2.98 -2.16	44.77 2.93 -0.02	40.53 2.58 -0.02	38.03 2.19 -0.01	35.38 1.65 -0.01
BARRETT_IC_7 23710	29.38 1.61 -0.01	28.20 1.32 0.00	27.86 1.15 0.00	28.62 1.07 0.00	29.81 1.17 0.00	32.91 1.17 -0.01	38.82 1.88 -0.01	44.04 2.45 -0.01	41.35 1.86 0.00	33.45 1.19 0.00	33.14 1.12 0.00	31.88 1.05 0.00	31.94 1.11 0.00	32.96 1.33 0.00	38.14 2.23 -0.01	41.72 2.58 0.00	47.84 3.04 -0.77	54.57 3.66 -0.01	51.04 3.55 -0.09	48.46 3.11 -2.16	44.89 3.05 -0.02	40.53 2.58 -0.02	38.03 2.19 -0.01	35.38 1.65 -0.01
BARRETT_IC_8 23711	29.38 1.61 -0.01	28.14 1.26 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.81 1.17 0.00	32.91 1.17 -0.01	38.82 1.88 -0.01	44.04 2.45 -0.01	41.36 1.86 -0.01	33.46 1.19 -0.01	33.11 1.09 -0.01	31.89 1.05 -0.01	31.95 1.11 -0.01	32.96 1.33 -0.01	38.14 2.23 -0.01	41.80 2.66 0.00	47.84 3.04 -0.77	54.52 3.61 -0.01	51.04 3.56 -0.09	48.33 2.98 -2.16	44.77 2.93 -0.02	40.53 2.58 -0.02	38.03 2.19 -0.01	35.38 1.65 -0.01
BARRETT_IC_9 23700	29.38 1.61 -0.01	28.14 1.26 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.81 1.17 0.00	32.91 1.17 -0.01	38.82 1.88 -0.01	44.04 2.45 -0.01	41.36 1.86 -0.01	33.46 1.19 -0.01	33.11 1.09 -0.01	31.89 1.05 -0.01	31.95 1.11 -0.01	32.96 1.33 -0.01	38.14 2.23 -0.01	41.80 2.66 0.00	47.84 3.04 -0.77	54.52 3.61 -0.01	51.04 3.56 -0.09	48.33 2.98 -2.16	44.77 2.93 -0.02	40.53 2.58 -0.02	38.03 2.19 -0.01	35.38 1.65 -0.01
BARRETT___1 23545	29.38 1.61 -0.01	28.14 1.26 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.81 1.17 0.00	32.91 1.17 -0.01	38.82 1.88 -0.01	44.04 2.45 -0.01	41.36 1.86 -0.01	33.46 1.19 -0.01	33.11 1.09 -0.01	31.89 1.05 -0.01	31.95 1.11 -0.01	32.96 1.33 -0.01	38.14 2.23 -0.01	41.80 2.66 0.00	47.84 3.04 -0.77	54.52 3.61 -0.01	51.04 3.56 -0.09	48.33 2.98 -2.16	44.77 2.93 -0.02	40.53 2.58 -0.02	38.03 2.19 -0.01	35.38 1.65 -0.01
BARRETT___2 23546	29.38 1.61 -0.01	28.14 1.26 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.81 1.17 0.00	32.91 1.17 -0.01	38.82 1.88 -0.01	44.04 2.45 -0.01	41.36 1.86 -0.01	33.46 1.19 -0.01	33.11 1.09 -0.01	31.89 1.05 -0.01	31.95 1.11 -0.01	32.96 1.33 -0.01	38.14 2.23 -0.01	41.80 2.66 0.00	47.84 3.04 -0.77	54.52 3.61 -0.01	51.04 3.56 -0.09	48.33 2.98 -2.16	44.77 2.93 -0.02	40.53 2.58 -0.02	38.03 2.19 -0.01	35.38 1.65 -0.01
BATAVIA__115KV_TB1 55881	26.43 -1.33 0.00	25.70 -1.18 0.00	25.70 -1.01 0.00	26.53 -1.02 0.00	27.57 -1.06 0.00	31.00 -0.73 0.00	35.64 -1.29 0.00	39.63 -1.95 0.00	37.84 -1.66 0.00	31.19 -1.06 0.00	31.12 -0.90 0.00	29.88 -0.96 0.00	29.75 -1.08 0.00	30.33 -1.30 0.00	34.01 -1.90 0.00	36.67 -2.47 0.00	40.55 -3.48 0.00	47.39 -3.51 0.00	43.84 -3.55 0.00	39.99 -3.20 0.00	39.32 -2.51 0.00	36.04 -1.90 0.00	34.37 -1.47 0.00	32.68 -1.05 0.00
BAYONEEC___CTG1 323682	29.04 1.28 0.00	27.98 1.10 0.00	27.78 1.07 0.00	28.60 1.05 0.00	29.72 1.09 0.00	32.65 0.92 0.00	38.45 1.51 0.00	43.49 1.91 0.00	41.23 1.74 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.07 1.23 0.00	32.07 1.23 0.00	32.96 1.33 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.63 2.60 0.00	53.70 2.80 0.00	50.28 2.89 0.00	45.82 2.63 0.00	44.08 2.26 0.00	39.80 1.86 0.00	37.45 1.61 0.00	34.97 1.25 0.00
BAYONEEC___CTG10 323750	29.04 1.28 0.00	27.98 1.10 0.00	27.78 1.07 0.00	28.60 1.05 0.00	29.72 1.09 0.00	32.65 0.92 0.00	38.45 1.51 0.00	43.49 1.91 0.00	41.23 1.74 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.07 1.23 0.00	32.07 1.23 0.00	32.96 1.33 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.63 2.60 0.00	53.70 2.80 0.00	50.28 2.89 0.00	45.82 2.63 0.00	44.08 2.26 0.00	39.80 1.86 0.00	37.45 1.61 0.00	34.97 1.25 0.00
BAYONEEC___CTG2 323683	29.04 1.28 0.00	27.98 1.10 0.00	27.78 1.07 0.00	28.60 1.05 0.00	29.72 1.09 0.00	32.65 0.92 0.00	38.45 1.51 0.00	43.49 1.91 0.00	41.23 1.74 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.07 1.23 0.00	32.07 1.23 0.00	32.96 1.33 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.63 2.60 0.00	53.70 2.80 0.00	50.28 2.89 0.00	45.82 2.63 0.00	44.08 2.26 0.00	39.80 1.86 0.00	37.45 1.61 0.00	34.97 1.25 0.00
BAYONEEC___CTG3 323684	29.04 1.28 0.00	27.98 1.10 0.00	27.78 1.07 0.00	28.60 1.05 0.00	29.72 1.09 0.00	32.65 0.92 0.00	38.45 1.51 0.00	43.49 1.91 0.00	41.23 1.74 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.07 1.23 0.00	32.07 1.23 0.00	32.96 1.33 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.63 2.60 0.00	53.70 2.80 0.00	50.28 2.89 0.00	45.82 2.63 0.00	44.08 2.26 0.00	39.80 1.86 0.00	37.45 1.61 0.00	34.97 1.25 0.00
BAYONEEC___CTG4 323685	29.04 1.28 0.00	27.98 1.10 0.00	27.78 1.07 0.00	28.60 1.05 0.00	29.72 1.09 0.00	32.65 0.92 0.00	38.45 1.51 0.00	43.49 1.91 0.00	41.23 1.74 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.07 1.23 0.00	32.07 1.23 0.00	32.96 1.33 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.63 2.60 0.00	53.70 2.80 0.00	50.28 2.89 0.00	45.82 2.63 0.00	44.08 2.26 0.00	39.80 1.86 0.00	37.45 1.61 0.00	34.97 1.25 0.00
BAYONEEC___CTG5 323686	29.04 1.28 0.00	27.98 1.10 0.00	27.78 1.07 0.00	28.60 1.05 0.00	29.72 1.09 0.00	32.65 0.92 0.00	38.45 1.51 0.00	43.49 1.91 0.00	41.23 1.74 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.07 1.23 0.00	32.07 1.23 0.00	32.96 1.33 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.63 2.60 0.00	53.70 2.80 0.00	50.28 2.89 0.00	45.82 2.63 0.00	44.08 2.26 0.00	39.80 1.86 0.00	37.45 1.61 0.00	34.97 1.25 0.00
BAYONEEC___CTG6 323687	29.04 1.28 0.00	27.98 1.10 0.00	27.78 1.07 0.00	28.60 1.05 0.00	29.72 1.09 0.00	32.65 0.92 0.00	38.45 1.51 0.00	43.49 1.91 0.00	41.23 1.74 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.07 1.23 0.00	32.07 1.23 0.00	32.96 1.33 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.63 2.60 0.00	53.70 2.80 0.00	50.28 2.89 0.00	45.82 2.63 0.00	44.08 2.26 0.00	39.80 1.86 0.00	37.45 1.61 0.00	34.97 1.25 0.00

BAYONEEC___CTG7 323688	29.04 1.28 0.00	27.98 1.10 0.00	27.78 1.07 0.00	28.60 1.05 0.00	29.72 1.09 0.00	32.65 0.92 0.00	38.45 1.51 0.00	43.49 1.91 0.00	41.23 1.74 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.07 1.23 0.00	32.07 1.23 0.00	32.96 1.33 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.63 2.60 0.00	53.70 2.80 0.00	50.28 2.89 0.00	45.82 2.63 0.00	44.08 2.26 0.00	39.80 1.86 0.00	37.45 1.61 0.00	34.97 1.25 0.00
BAYONEEC___CTG8 323689	29.04 1.28 0.00	27.98 1.10 0.00	27.78 1.07 0.00	28.60 1.05 0.00	29.72 1.09 0.00	32.65 0.92 0.00	38.45 1.51 0.00	43.49 1.91 0.00	41.23 1.74 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.07 1.23 0.00	32.07 1.23 0.00	32.96 1.33 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.63 2.60 0.00	53.70 2.80 0.00	50.28 2.89 0.00	45.82 2.63 0.00	44.08 2.26 0.00	39.80 1.86 0.00	37.45 1.61 0.00	34.97 1.25 0.00
BAYONEEC___CTG9 323749	29.04 1.28 0.00	27.98 1.10 0.00	27.78 1.07 0.00	28.60 1.05 0.00	29.72 1.09 0.00	32.65 0.92 0.00	38.45 1.51 0.00	43.49 1.91 0.00	41.23 1.74 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.07 1.23 0.00	32.07 1.23 0.00	32.96 1.33 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.63 2.60 0.00	53.70 2.80 0.00	50.28 2.89 0.00	45.82 2.63 0.00	44.08 2.26 0.00	39.80 1.86 0.00	37.45 1.61 0.00	34.97 1.25 0.00
BEACON___LESR 323632	28.91 1.14 0.00	27.90 1.02 0.00	27.72 1.01 0.00	28.60 1.05 0.00	29.75 1.12 0.00	32.84 1.11 0.00	38.48 1.55 0.00	43.37 1.79 0.00	41.19 1.70 0.00	33.58 1.32 0.00	33.23 1.22 0.00	31.97 1.14 0.00	31.91 1.08 0.00	32.80 1.17 0.00	37.09 1.18 0.00	40.50 1.37 0.00	45.79 1.76 0.00	52.94 2.04 0.00	49.38 1.99 0.00	45.00 1.81 0.00	43.33 1.50 0.00	39.34 1.40 0.00	37.12 1.29 0.00	35.01 1.28 0.00
BEAVER RIVER___HYD 24048	26.85 -0.92 0.00	26.05 -0.83 0.00	25.91 -0.80 0.00	26.72 -0.83 0.00	27.75 -0.89 0.00	30.94 -0.79 0.00	36.15 -0.78 0.00	41.00 -0.58 0.00	39.02 -0.47 0.00	31.93 -0.32 0.00	31.70 -0.32 0.00	30.52 -0.31 0.00	30.55 -0.28 0.00	31.28 -0.35 0.00	35.66 -0.25 0.00	38.62 -0.51 0.00	43.28 -0.75 0.00	49.98 -0.91 0.00	46.35 -1.04 0.00	42.06 -1.12 0.00	40.86 -0.96 0.00	36.99 -0.95 0.00	34.97 -0.86 0.00	32.91 -0.81 0.00
BEEBEE_GT_13 23619	26.60 -1.17 0.00	25.80 -1.08 0.00	25.72 -0.99 0.00	26.56 -0.99 0.00	27.57 -1.06 0.00	30.84 -0.89 0.00	35.53 -1.40 0.00	39.71 -1.87 0.00	37.84 -1.66 0.00	31.10 -1.16 0.00	30.96 -1.06 0.00	29.78 -1.05 0.00	29.75 -1.08 0.00	30.36 -1.27 0.00	34.22 -1.69 0.00	36.98 -2.15 0.00	41.17 -2.86 0.00	47.95 -2.95 0.00	44.46 -2.94 0.00	40.55 -2.63 0.00	39.65 -2.17 0.00	36.15 -1.78 0.00	34.33 -1.51 0.00	32.54 -1.18 0.00
BENSHRST_27_KV_BENSHRST_1 355998	49.41 1.72 -19.92	48.80 1.59 -20.33	48.21 1.47 -20.04	48.72 1.46 -19.71	48.83 1.52 -18.68	48.85 1.33 -15.78	50.85 1.96 -11.97	53.21 2.41 -9.22	52.73 2.25 -10.99	52.36 1.81 -18.30	51.66 1.73 -17.91	51.56 1.76 -18.97	52.16 1.76 -19.57	52.32 1.80 -18.89	52.33 2.23 -14.19	52.46 2.54 -10.78	136.73 3.21 -89.49	154.62 3.61 -100.11	81.51 3.55 -30.56	53.31 3.24 -6.89	77.29 2.93 -32.54	52.63 2.39 -12.31	52.29 2.11 -14.34	50.51 1.75 -15.03
BETHLEHEM___GRP 23843	28.63 0.86 0.00	27.66 0.78 0.00	27.46 0.75 0.00	28.32 0.77 0.00	29.44 0.80 0.00	32.49 0.76 0.00	37.96 1.03 0.00	42.70 1.12 0.00	40.48 0.99 0.00	33.10 0.84 0.00	32.72 0.70 0.00	31.48 0.65 0.00	31.45 0.62 0.00	32.29 0.66 0.00	36.52 0.61 0.00	39.84 0.70 0.00	44.95 0.92 0.00	51.97 1.07 0.00	48.44 1.04 0.00	44.14 0.95 0.00	42.62 0.79 0.00	38.66 0.72 0.00	36.55 0.72 0.00	34.53 0.81 0.00
BETHLEHEM___GS1 323560	28.63 0.86 0.00	27.63 0.75 0.00	27.46 0.75 0.00	28.32 0.77 0.00	29.43 0.80 0.00	32.46 0.73 0.00	37.93 1.00 0.00	42.70 1.12 0.00	40.48 0.99 0.00	33.09 0.84 0.00	32.69 0.67 0.00	31.48 0.65 0.00	31.45 0.62 0.00	32.29 0.67 0.00	36.52 0.61 0.00	39.80 0.66 0.00	44.96 0.93 0.00	51.92 1.02 0.00	48.43 1.04 0.00	44.14 0.95 0.00	42.54 0.71 0.00	38.66 0.72 0.00	36.55 0.72 0.00	34.50 0.78 0.00
BETHLEHEM___GS2 323561	28.63 0.86 0.00	27.63 0.75 0.00	27.46 0.75 0.00	28.32 0.77 0.00	29.43 0.80 0.00	32.46 0.73 0.00	37.93 1.00 0.00	42.70 1.12 0.00	40.48 0.99 0.00	33.09 0.84 0.00	32.69 0.67 0.00	31.48 0.65 0.00	31.45 0.62 0.00	32.29 0.67 0.00	36.52 0.61 0.00	39.80 0.66 0.00	44.96 0.93 0.00	51.92 1.02 0.00	48.43 1.04 0.00	44.14 0.95 0.00	42.54 0.71 0.00	38.66 0.72 0.00	36.55 0.72 0.00	34.50 0.78 0.00
BETHLEHEM___GS3 323562	28.63 0.86 0.00	27.63 0.75 0.00	27.46 0.75 0.00	28.32 0.77 0.00	29.43 0.80 0.00	32.46 0.73 0.00	37.93 1.00 0.00	42.70 1.12 0.00	40.48 0.99 0.00	33.09 0.84 0.00	32.69 0.67 0.00	31.48 0.65 0.00	31.45 0.62 0.00	32.29 0.67 0.00	36.52 0.61 0.00	39.80 0.66 0.00	44.96 0.93 0.00	51.92 1.02 0.00	48.43 1.04 0.00	44.14 0.95 0.00	42.54 0.71 0.00	38.66 0.72 0.00	36.55 0.72 0.00	34.50 0.78 0.00
BETHLEHEM___STEEL 23779	26.18 -1.58 0.00	25.48 -1.40 0.00	25.53 -1.18 0.00	26.37 -1.18 0.00	27.52 -1.12 0.00	30.94 -0.79 0.00	35.38 -1.55 0.00	39.25 -2.33 0.00	37.60 -1.90 0.00	31.06 -1.19 0.00	30.96 -1.06 0.00	29.66 -1.17 0.00	29.57 -1.26 0.00	30.17 -1.45 0.00	33.72 -2.19 0.00	36.28 -2.86 0.00	39.98 -4.05 0.00	46.67 -4.22 0.00	43.18 -4.22 0.00	39.43 -3.76 0.00	38.81 -3.01 0.00	35.70 -2.24 0.00	34.12 -1.72 0.00	32.61 -1.11 0.00
BETHLHEM_115KV_TB1 79974	28.60 0.83 0.00	27.66 0.78 0.00	27.46 0.75 0.00	28.29 0.74 0.00	29.44 0.80 0.00	32.49 0.76 0.00	37.93 1.00 0.00	42.70 1.12 0.00	40.52 1.03 0.00	33.10 0.84 0.00	32.72 0.70 0.00	31.48 0.65 0.00	31.45 0.62 0.00	32.29 0.66 0.00	36.56 0.65 0.00	39.88 0.74 0.00	45.04 1.01 0.00	52.02 1.12 0.00	48.48 1.09 0.00	44.18 0.99 0.00	42.70 0.88 0.00	38.70 0.76 0.00	36.59 0.75 0.00	34.53 0.81 0.00
BETHPAGE_CC_5 323564	29.55 1.78 0.00	28.28 1.40 0.00	27.91 1.20 0.00	28.76 1.21 0.00	29.92 1.29 0.00	33.09 1.36 0.00	39.07 2.14 0.00	44.32 2.74 0.00	41.59 2.09 0.00	33.64 1.39 0.00	33.26 1.25 0.00	32.03 1.20 0.00	32.13 1.29 0.00	33.12 1.49 0.00	38.42 2.51 0.00	42.07 2.94 0.00	48.61 3.65 -0.93	55.13 4.22 -0.01	51.62 4.12 -0.10	49.29 3.63 -2.48	45.14 3.30 -0.01	40.87 2.92 -0.01	38.31 2.47 0.00	35.58 1.85 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.27 -1.50 0.00	25.56 -1.32 0.00	25.61 -1.10 0.00	26.48 -1.07 0.00	27.60 -1.03 0.00	31.03 -0.70 0.00	35.56 -1.37 0.00	39.46 -2.12 0.00	37.76 -1.74 0.00	31.22 -1.03 0.00	31.09 -0.93 0.00	29.78 -1.05 0.00	29.69 -1.14 0.00	30.33 -1.30 0.00	33.86 -2.05 0.00	36.47 -2.66 0.00	40.20 -3.83 0.00	46.93 -3.97 0.00	43.37 -4.03 0.00	39.65 -3.54 0.00	39.02 -2.80 0.00	35.85 -2.09 0.00	34.26 -1.58 0.00	32.75 -0.98 0.00

BINGHAMTON___COGEN 23790	27.57 -0.19 0.00	26.72 -0.16 0.00	26.60 -0.11 0.00	27.47 -0.08 0.00	28.55 -0.09 0.00	31.76 0.03 0.00	36.86 -0.07 0.00	41.37 -0.21 0.00	39.34 -0.16 0.00	32.16 -0.10 0.00	31.92 -0.10 0.00	30.68 -0.15 0.00	30.65 -0.18 0.00	31.38 -0.25 0.00	35.55 -0.36 0.00	38.70 -0.43 0.00	43.46 -0.57 0.00	50.39 -0.51 0.00	46.82 -0.57 0.00	42.67 -0.52 0.00	41.45 -0.38 0.00	37.63 -0.30 0.00	35.58 -0.25 0.00	33.62 -0.10 0.00
BIXINCNT_115KV_LOAD 355685	25.79 -1.97 0.00	25.37 -1.51 0.00	25.40 -1.31 0.00	26.42 -1.13 0.00	27.63 -1.00 0.00	31.32 -0.41 0.00	36.04 -0.89 0.00	40.12 -1.46 0.00	38.47 -1.03 0.00	31.71 -0.55 0.00	31.47 -0.54 0.00	30.12 -0.71 0.00	30.00 -0.83 0.00	30.62 -1.01 0.00	34.22 -1.69 0.00	36.67 -2.47 0.00	40.51 -3.52 0.00	47.18 -3.72 0.00	43.74 -3.65 0.00	40.16 -3.02 0.00	39.32 -2.51 0.00	36.04 -1.90 0.00	34.58 -1.25 0.00	33.22 -0.51 0.00
BLACK RIVER___HYD 24047	26.99 -0.78 0.00	26.18 -0.70 0.00	26.07 -0.64 0.00	26.89 -0.66 0.00	27.89 -0.74 0.00	31.13 -0.60 0.00	36.34 -0.59 0.00	41.12 -0.46 0.00	39.14 -0.36 0.00	31.93 -0.32 0.00	31.70 -0.32 0.00	30.52 -0.31 0.00	30.52 -0.31 0.00	31.25 -0.38 0.00	35.66 -0.25 0.00	38.70 -0.43 0.00	43.41 -0.62 0.00	50.24 -0.66 0.00	46.63 -0.76 0.00	42.28 -0.91 0.00	41.07 -0.75 0.00	37.14 -0.80 0.00	35.08 -0.75 0.00	32.98 -0.74 0.00
BLACKRVR_115KV_TB2 79977	26.99 -0.78 0.00	26.15 -0.73 0.00	26.07 -0.64 0.00	26.89 -0.66 0.00	27.89 -0.74 0.00	31.13 -0.60 0.00	36.34 -0.59 0.00	41.12 -0.46 0.00	39.14 -0.36 0.00	31.93 -0.32 0.00	31.70 -0.32 0.00	30.52 -0.31 0.00	30.52 -0.31 0.00	31.25 -0.38 0.00	35.66 -0.25 0.00	38.70 -0.43 0.00	43.41 -0.62 0.00	50.24 -0.66 0.00	46.64 -0.76 0.00	42.28 -0.91 0.00	41.03 -0.79 0.00	37.14 -0.80 0.00	35.08 -0.75 0.00	32.98 -0.74 0.00
BLISS_WT_PWR 323608	25.54 -2.22 0.00	25.35 -1.53 0.00	25.29 -1.42 0.00	26.31 -1.24 0.00	27.52 -1.12 0.00	31.35 -0.38 0.00	36.04 -0.89 0.00	40.08 -1.50 0.00	38.47 -1.03 0.00	31.74 -0.52 0.00	31.47 -0.54 0.00	30.09 -0.74 0.00	29.97 -0.86 0.00	30.59 -1.04 0.00	34.19 -1.72 0.00	36.59 -2.54 0.00	40.33 -3.70 0.00	47.13 -3.77 0.00	43.60 -3.79 0.00	40.12 -3.07 0.00	39.69 -2.13 0.00	35.96 -1.97 0.00	34.55 -1.29 0.00	33.25 -0.47 0.00
BLUESTONE___WT_PWR 323821	28.74 0.97 0.00	27.96 1.08 0.00	27.88 1.17 0.00	28.82 1.27 0.00	29.95 1.32 0.00	33.57 1.84 0.00	39.15 2.22 0.00	45.57 3.99 0.00	43.17 3.67 0.00	34.90 2.65 0.00	34.51 2.50 0.00	33.05 2.22 0.00	32.87 2.03 0.00	33.49 1.87 0.00	38.28 2.37 0.00	41.76 2.62 0.00	47.06 3.04 0.00	53.19 2.29 0.00	49.43 2.04 0.00	44.87 1.68 0.00	43.66 1.84 0.00	39.46 1.52 0.00	37.41 1.57 0.00	35.31 1.59 0.00
BLUE_CIRC_CHEM_DRP 24182	28.74 0.97 0.00	27.79 0.91 0.00	27.59 0.88 0.00	28.46 0.91 0.00	29.61 0.97 0.00	32.68 0.95 0.00	38.15 1.22 0.00	42.91 1.33 0.00	40.64 1.15 0.00	33.13 0.87 0.00	32.78 0.77 0.00	31.54 0.71 0.00	31.54 0.71 0.00	32.39 0.76 0.00	36.70 0.79 0.00	40.11 0.98 0.00	45.31 1.28 0.00	52.38 1.48 0.00	48.82 1.42 0.00	44.48 1.30 0.00	43.04 1.21 0.00	39.00 1.06 0.00	36.84 1.00 0.00	34.70 0.98 0.00
BOC_GAS_DRP 24189	28.52 0.75 0.00	27.58 0.70 0.00	27.35 0.64 0.00	28.21 0.66 0.00	29.32 0.69 0.00	32.37 0.63 0.00	37.78 0.85 0.00	42.54 0.96 0.00	40.36 0.87 0.00	32.97 0.71 0.00	32.66 0.64 0.00	31.45 0.62 0.00	31.42 0.59 0.00	32.26 0.63 0.00	36.56 0.65 0.00	39.92 0.78 0.00	45.04 1.01 0.00	52.07 1.17 0.00	48.53 1.14 0.00	44.22 1.04 0.00	42.75 0.92 0.00	38.73 0.80 0.00	36.59 0.75 0.00	34.40 0.67 0.00
BOONVILLE_115KV_TB1 79983	27.79 0.03 0.00	26.96 0.08 0.00	26.82 0.11 0.00	27.66 0.11 0.00	28.72 0.09 0.00	31.98 0.25 0.00	37.34 0.41 0.00	42.20 0.62 0.00	40.09 0.59 0.00	32.74 0.48 0.00	32.50 0.48 0.00	31.26 0.43 0.00	31.26 0.43 0.00	32.04 0.41 0.00	36.45 0.54 0.00	39.60 0.47 0.00	44.47 0.44 0.00	51.46 0.56 0.00	47.77 0.38 0.00	43.40 0.22 0.00	42.08 0.25 0.00	38.09 0.15 0.00	36.01 0.18 0.00	33.89 0.17 0.00
BORALEX_4TH_BRANCH 23824	29.40 1.64 0.00	28.38 1.51 0.00	28.18 1.47 0.00	29.04 1.49 0.00	30.18 1.55 0.00	33.19 1.46 0.00	38.70 1.77 0.00	43.62 2.04 0.00	41.31 1.82 0.00	33.81 1.55 0.00	33.65 1.63 0.00	32.37 1.54 0.00	32.25 1.42 0.00	33.12 1.49 0.00	37.45 1.54 0.00	41.01 1.88 0.00	46.36 2.33 0.00	53.65 2.75 0.00	49.95 2.56 0.00	45.60 2.42 0.00	44.04 2.22 0.00	39.95 2.01 0.00	37.70 1.86 0.00	35.28 1.55 0.00
BOWLINE___1 23526	28.88 1.11 0.00	27.85 0.97 0.00	27.62 0.91 0.00	28.46 0.91 0.00	29.61 0.97 0.00	32.55 0.82 0.00	38.22 1.29 0.00	43.20 1.62 0.00	40.96 1.46 0.00	33.35 1.10 0.00	33.04 1.02 0.00	31.82 0.99 0.00	31.82 0.99 0.00	32.70 1.08 0.00	37.31 1.40 0.00	40.78 1.64 0.00	46.27 2.24 0.00	53.39 2.49 0.00	49.90 2.51 0.00	45.47 2.29 0.00	43.79 1.97 0.00	39.57 1.63 0.00	37.27 1.43 0.00	34.87 1.15 0.00
BOWLINE___2 23595	28.88 1.11 0.00	27.85 0.97 0.00	27.62 0.91 0.00	28.46 0.91 0.00	29.61 0.97 0.00	32.55 0.82 0.00	38.22 1.29 0.00	43.20 1.62 0.00	40.96 1.46 0.00	33.35 1.10 0.00	33.04 1.02 0.00	31.82 0.99 0.00	31.82 0.99 0.00	32.70 1.08 0.00	37.31 1.40 0.00	40.78 1.64 0.00	46.27 2.24 0.00	53.39 2.49 0.00	49.90 2.51 0.00	45.47 2.29 0.00	43.79 1.97 0.00	39.57 1.63 0.00	37.27 1.43 0.00	34.87 1.15 0.00
BRADY___115KV_TB2 356060	27.96 0.19 0.00	27.15 0.27 0.00	27.00 0.29 0.00	27.85 0.30 0.00	28.92 0.29 0.00	32.27 0.54 0.00	37.60 0.66 0.00	42.49 0.91 0.00	40.36 0.87 0.00	32.93 0.68 0.00	32.75 0.74 0.00	31.51 0.68 0.00	31.60 0.77 0.00	32.45 0.82 0.00	36.99 1.08 0.00	40.23 1.10 0.00	44.82 0.79 0.00	51.71 0.81 0.00	48.10 0.71 0.00	43.83 0.65 0.00	42.79 0.96 0.00	38.81 0.87 0.00	36.70 0.86 0.00	34.74 1.01 0.00
BRANSCOMB___SOLAR 323811	28.91 1.14 0.00	27.90 1.02 0.00	27.72 1.01 0.00	28.62 1.07 0.00	29.78 1.15 0.00	32.87 1.14 0.00	38.48 1.55 0.00	43.33 1.75 0.00	41.03 1.54 0.00	33.39 1.13 0.00	33.07 1.05 0.00	31.79 0.96 0.00	31.79 0.96 0.00	32.64 1.01 0.00	37.06 1.15 0.00	40.66 1.52 0.00	46.06 2.03 0.00	53.24 2.34 0.00	49.62 2.23 0.00	45.22 2.03 0.00	43.58 1.76 0.00	39.53 1.59 0.00	37.27 1.43 0.00	34.94 1.21 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	29.85 2.08 0.00	28.57 1.69 0.00	28.26 1.55 0.00	28.98 1.43 0.00	30.18 1.55 0.00	33.38 1.65 0.00	39.44 2.51 0.00	44.74 3.16 0.00	42.06 2.57 0.00	33.97 1.71 0.00	33.62 1.60 0.00	32.34 1.51 0.00	32.43 1.60 0.00	33.46 1.83 0.00	38.85 2.94 0.00	42.54 3.40 0.00	49.30 4.45 -0.83	56.15 5.24 -0.01	52.55 5.07 -0.09	49.83 4.49 -2.16	45.89 4.06 -0.01	41.40 3.45 -0.01	38.70 2.87 0.00	35.95 2.23 0.00

BRISTLHL_115KV_TB1 79998	27.04 -0.72 0.00	26.18 -0.70 0.00	26.04 -0.67 0.00	26.89 -0.66 0.00	27.92 -0.72 0.00	31.00 -0.73 0.00	35.90 -1.03 0.00	40.33 -1.25 0.00	38.31 -1.18 0.00	31.32 -0.94 0.00	31.09 -0.93 0.00	29.94 -0.89 0.00	29.94 -0.89 0.00	30.65 -0.98 0.00	34.72 -1.19 0.00	37.84 -1.29 0.00	42.53 -1.50 0.00	49.27 -1.63 0.00	45.83 -1.56 0.00	41.76 -1.43 0.00	40.49 -1.34 0.00	36.76 -1.18 0.00	34.72 -1.11 0.00	32.65 -1.08 0.00
BROOKHAVEN___DRP 24191	29.85 2.08 0.00	28.57 1.69 0.00	28.23 1.52 0.00	28.98 1.43 0.00	30.21 1.57 0.00	33.41 1.68 0.00	39.52 2.59 0.00	44.91 3.33 0.00	42.18 2.69 0.00	33.97 1.71 0.00	33.62 1.60 0.00	32.40 1.57 0.00	32.50 1.66 0.00	33.50 1.87 0.00	38.96 3.05 0.00	42.66 3.52 0.00	49.47 4.62 -0.81	56.46 5.55 -0.01	52.79 5.31 -0.09	49.93 4.62 -2.12	45.98 4.14 -0.01	41.44 3.49 -0.01	38.70 2.87 0.00	35.92 2.19 0.00
BROOKLYN_NAVY_YARD 23515	28.99 1.22 0.00	27.93 1.05 0.00	27.70 0.99 0.00	28.54 0.99 0.00	29.66 1.03 0.00	32.59 0.86 0.00	38.41 1.48 0.00	43.45 1.87 0.00	41.23 1.74 0.00	33.58 1.32 0.00	33.23 1.22 0.00	32.07 1.23 0.00	32.07 1.23 0.00	32.96 1.33 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.63 2.60 0.00	53.75 2.85 0.00	50.33 2.94 0.00	45.82 2.63 0.00	44.08 2.26 0.00	39.80 1.86 0.00	37.41 1.57 0.00	34.94 1.21 0.00
BROOKLYN___ARMY_DRP 323595	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
BROOKVLE_69_KV_TB1 55790	29.43 1.67 0.00	28.30 1.42 0.00	27.99 1.28 0.00	28.79 1.24 0.00	29.95 1.32 0.00	33.06 1.33 0.00	38.96 2.03 0.00	44.16 2.58 0.00	41.63 2.13 0.00	33.74 1.48 0.00	33.36 1.34 0.00	32.13 1.29 0.00	32.19 1.36 0.00	33.15 1.52 0.00	38.21 2.30 0.00	41.76 2.62 0.00	48.69 3.39 -1.27	54.63 3.72 -0.01	51.19 3.65 -0.15	50.08 3.41 -3.48	44.98 3.14 -0.02	40.61 2.66 -0.02	38.09 2.26 0.00	35.51 1.79 0.00
BROOME_2_LFGE 323671	27.57 -0.19 0.00	26.75 -0.13 0.00	26.60 -0.11 0.00	27.47 -0.08 0.00	28.55 -0.09 0.00	31.76 0.03 0.00	36.86 -0.07 0.00	41.37 -0.21 0.00	39.34 -0.16 0.00	32.16 -0.10 0.00	31.92 -0.10 0.00	30.68 -0.15 0.00	30.65 -0.18 0.00	31.37 -0.25 0.00	35.55 -0.36 0.00	38.70 -0.43 0.00	43.46 -0.57 0.00	50.39 -0.51 0.00	46.83 -0.57 0.00	42.67 -0.52 0.00	41.53 -0.29 0.00	37.63 -0.30 0.00	35.59 -0.25 0.00	33.62 -0.10 0.00
BROOME___LFGE 323600	27.57 -0.19 0.00	26.75 -0.13 0.00	26.60 -0.11 0.00	27.47 -0.08 0.00	28.55 -0.09 0.00	31.76 0.03 0.00	36.86 -0.07 0.00	41.37 -0.21 0.00	39.34 -0.16 0.00	32.16 -0.10 0.00	31.92 -0.10 0.00	30.68 -0.15 0.00	30.65 -0.18 0.00	31.37 -0.25 0.00	35.55 -0.36 0.00	38.70 -0.43 0.00	43.46 -0.57 0.00	50.39 -0.51 0.00	46.83 -0.57 0.00	42.67 -0.52 0.00	41.53 -0.29 0.00	37.63 -0.30 0.00	35.59 -0.25 0.00	33.62 -0.10 0.00
BROWNFLS_115KV_TB_3_5 80003	26.91 -0.86 0.00	26.10 -0.78 0.00	25.96 -0.75 0.00	26.78 -0.77 0.00	27.80 -0.83 0.00	31.00 -0.73 0.00	36.12 -0.81 0.00	40.91 -0.67 0.00	38.94 -0.55 0.00	31.84 -0.42 0.00	31.60 -0.42 0.00	30.43 -0.40 0.00	30.49 -0.34 0.00	31.28 -0.35 0.00	35.66 -0.25 0.00	38.70 -0.43 0.00	43.19 -0.84 0.00	49.83 -1.07 0.00	46.30 -1.09 0.00	42.11 -1.08 0.00	40.99 -0.84 0.00	37.14 -0.80 0.00	35.15 -0.68 0.00	33.22 -0.51 0.00
BROWNSV1_27_KV_LOAD 356125	29.27 1.50 0.00	28.25 1.37 0.00	27.99 1.28 0.00	28.82 1.27 0.00	29.95 1.32 0.00	32.90 1.17 0.00	38.78 1.85 0.00	43.87 2.29 0.00	41.59 2.09 0.00	33.90 1.65 0.00	33.55 1.54 0.00	32.34 1.51 0.00	32.34 1.51 0.00	33.24 1.61 0.00	37.96 2.05 0.00	41.48 2.35 0.00	47.07 3.04 0.00	54.26 3.36 0.00	50.76 3.36 0.00	46.25 3.07 0.00	44.59 2.76 0.00	40.17 2.24 0.00	37.77 1.94 0.00	35.28 1.55 0.00
BURROWS___LYONSDAL 23803	27.57 -0.19 0.00	26.72 -0.16 0.00	26.58 -0.13 0.00	27.44 -0.11 0.00	28.46 -0.17 0.00	31.73 0.00 0.00	37.04 0.11 0.00	41.91 0.33 0.00	39.85 0.36 0.00	32.58 0.32 0.00	32.34 0.32 0.00	31.11 0.28 0.00	31.11 0.28 0.00	31.88 0.25 0.00	36.30 0.39 0.00	39.37 0.23 0.00	44.21 0.18 0.00	51.10 0.20 0.00	47.44 0.05 0.00	43.06 -0.13 0.00	41.78 -0.04 0.00	37.82 -0.11 0.00	35.73 -0.11 0.00	33.62 -0.10 0.00
CAITHNESS_CC_1 323624	29.79 2.03 0.00	28.47 1.59 0.00	28.07 1.36 0.00	28.90 1.35 0.00	30.12 1.49 0.00	33.28 1.55 0.00	39.37 2.44 0.00	44.74 3.16 0.00	42.02 2.53 0.00	33.87 1.61 0.00	33.52 1.51 0.00	32.31 1.48 0.00	32.40 1.57 0.00	33.37 1.74 0.00	38.82 2.91 0.00	42.66 3.52 0.00	49.29 4.45 -0.81	56.15 5.24 -0.01	52.56 5.07 -0.09	49.62 4.32 -2.12	45.76 3.93 -0.01	41.28 3.34 -0.01	38.59 2.76 0.00	35.82 2.09 0.00
CALPINE BETH_PAGE_GT4 24209	29.52 1.75 0.00	28.33 1.45 0.00	27.99 1.28 0.00	28.76 1.21 0.00	29.92 1.29 0.00	33.10 1.36 0.00	39.07 2.14 0.00	44.28 2.70 0.00	41.59 2.09 0.00	33.64 1.39 0.00	33.26 1.25 0.00	32.03 1.20 0.00	32.10 1.26 0.00	33.12 1.49 0.00	38.42 2.51 0.00	41.87 2.74 0.00	48.58 3.57 -0.99	55.03 4.12 -0.01	51.53 4.03 -0.11	49.50 3.67 -2.64	45.14 3.30 -0.01	40.87 2.92 -0.01	38.27 2.44 0.00	35.58 1.85 0.00
CALPINE_BETH_PAGE_GT_4 323586	29.52 1.75 0.00	28.28 1.40 0.00	27.91 1.20 0.00	28.76 1.21 0.00	29.92 1.29 0.00	33.09 1.36 0.00	39.07 2.14 0.00	44.28 2.70 0.00	41.59 2.09 0.00	33.64 1.39 0.00	33.26 1.25 0.00	32.03 1.20 0.00	32.10 1.26 0.00	33.12 1.49 0.00	38.42 2.51 0.00	41.99 2.86 0.00	48.58 3.56 -0.99	55.03 4.12 -0.01	51.53 4.03 -0.11	49.37 3.54 -2.64	45.06 3.22 -0.01	40.87 2.92 -0.01	38.27 2.44 0.00	35.58 1.85 0.00
CALPINE_BP_GT1 23823	29.52 1.75 0.00	28.28 1.40 0.00	27.91 1.20 0.00	28.76 1.21 0.00	29.92 1.29 0.00	33.09 1.36 0.00	39.07 2.14 0.00	44.28 2.70 0.00	41.59 2.09 0.00	33.64 1.39 0.00	33.26 1.25 0.00	32.03 1.20 0.00	32.10 1.26 0.00	33.12 1.49 0.00	38.42 2.51 0.00	41.99 2.86 0.00	48.58 3.56 -0.99	55.03 4.12 -0.01	51.53 4.03 -0.11	49.37 3.54 -2.64	45.06 3.22 -0.01	40.87 2.92 -0.01	38.27 2.44 0.00	35.58 1.85 0.00
CALSPAN___DRP 24200	26.18 -1.58 0.00	25.48 -1.40 0.00	25.53 -1.18 0.00	26.37 -1.18 0.00	27.52 -1.12 0.00	30.94 -0.79 0.00	35.38 -1.55 0.00	39.25 -2.33 0.00	37.60 -1.90 0.00	31.06 -1.19 0.00	30.96 -1.06 0.00	29.66 -1.17 0.00	29.57 -1.26 0.00	30.17 -1.45 0.00	33.72 -2.19 0.00	36.28 -2.86 0.00	39.98 -4.05 0.00	46.67 -4.22 0.00	43.18 -4.22 0.00	39.43 -3.76 0.00	38.81 -3.01 0.00	35.70 -2.24 0.00	34.12 -1.72 0.00	32.61 -1.11 0.00

CALVERTON___SOLAR 323806	29.93 2.17 0.00	28.60 1.72 0.00	28.20 1.49 0.00	29.04 1.49 0.00	30.26 1.63 0.00	33.51 1.78 0.00	39.62 2.69 0.00	45.07 3.49 0.00	42.34 2.85 0.00	34.09 1.84 0.00	33.71 1.70 0.00	32.49 1.66 0.00	32.59 1.76 0.00	33.59 1.96 0.00	39.10 3.19 0.00	42.97 3.84 0.00	49.69 4.84 -0.81	56.71 5.80 -0.01	53.02 5.54 -0.09	49.97 4.67 -2.12	46.10 4.27 -0.01	41.55 3.61 -0.01	38.81 2.97 0.00	36.02 2.29 0.00
CANDIGU_WT_PWR 323617	26.65 -1.11 0.00	25.99 -0.89 0.00	25.96 -0.75 0.00	26.83 -0.72 0.00	28.00 -0.63 0.00	31.44 -0.29 0.00	36.27 -0.66 0.00	40.46 -1.12 0.00	38.59 -0.91 0.00	31.64 -0.61 0.00	31.41 -0.61 0.00	30.06 -0.77 0.00	29.97 -0.86 0.00	30.62 -1.01 0.00	34.51 -1.40 0.00	37.29 -1.84 0.00	41.43 -2.60 0.00	48.20 -2.70 0.00	44.60 -2.80 0.00	40.73 -2.46 0.00	40.11 -1.72 0.00	36.42 -1.52 0.00	34.69 -1.15 0.00	33.12 -0.61 0.00
CARR STREET_E_SYR 24060	27.21 -0.56 0.00	26.40 -0.48 0.00	26.23 -0.48 0.00	27.05 -0.50 0.00	28.12 -0.51 0.00	31.22 -0.51 0.00	36.19 -0.74 0.00	40.62 -0.95 0.00	38.63 -0.87 0.00	31.55 -0.71 0.00	31.34 -0.67 0.00	30.15 -0.68 0.00	30.15 -0.68 0.00	30.87 -0.76 0.00	34.98 -0.93 0.00	38.12 -1.02 0.00	42.80 -1.23 0.00	49.63 -1.27 0.00	46.16 -1.23 0.00	42.06 -1.12 0.00	40.86 -0.96 0.00	37.03 -0.91 0.00	34.97 -0.86 0.00	32.95 -0.77 0.00
CARTHAGE___PAPER 23857	26.82 -0.94 0.00	25.99 -0.89 0.00	25.85 -0.86 0.00	26.70 -0.85 0.00	27.69 -0.94 0.00	30.91 -0.83 0.00	36.12 -0.81 0.00	40.96 -0.62 0.00	38.98 -0.51 0.00	31.90 -0.35 0.00	31.66 -0.35 0.00	30.46 -0.37 0.00	30.49 -0.34 0.00	31.25 -0.38 0.00	35.62 -0.29 0.00	38.62 -0.51 0.00	43.28 -0.75 0.00	50.03 -0.87 0.00	46.40 -1.00 0.00	42.11 -1.08 0.00	40.86 -0.96 0.00	36.95 -0.99 0.00	34.90 -0.93 0.00	32.85 -0.88 0.00
CASSADAGA_WT_PWR 323784	26.29 -1.47 0.00	25.89 -0.99 0.00	26.02 -0.69 0.00	26.92 -0.63 0.00	28.17 -0.46 0.00	31.86 0.13 0.00	36.56 -0.37 0.00	40.62 -0.95 0.00	38.86 -0.63 0.00	32.00 -0.26 0.00	31.66 -0.35 0.00	30.12 -0.71 0.00	30.03 -0.80 0.00	30.62 -1.01 0.00	34.15 -1.76 0.00	36.86 -2.27 0.00	40.64 -3.39 0.00	47.64 -3.26 0.00	44.07 -3.32 0.00	40.29 -2.89 0.00	40.28 -1.55 0.00	36.57 -1.36 0.00	34.97 -0.86 0.00	33.42 -0.30 0.00
CE_DUNWOOD___DRP 24194	29.07 1.31 0.00	28.09 1.21 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.75 1.02 0.00	38.48 1.55 0.00	43.49 1.91 0.00	41.23 1.74 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.03 1.20 0.00	32.03 1.20 0.00	32.93 1.30 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.58 2.55 0.00	53.75 2.85 0.00	50.24 2.84 0.00	45.82 2.63 0.00	44.17 2.34 0.00	39.83 1.90 0.00	37.48 1.65 0.00	35.07 1.35 0.00
CE_MILLWOOD___DRP 24193	29.04 1.28 0.00	28.04 1.16 0.00	27.78 1.07 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.71 0.98 0.00	38.44 1.51 0.00	43.41 1.83 0.00	41.19 1.70 0.00	33.55 1.29 0.00	33.20 1.18 0.00	31.97 1.14 0.00	31.97 1.14 0.00	32.86 1.23 0.00	37.49 1.58 0.00	40.97 1.84 0.00	46.45 2.42 0.00	53.65 2.75 0.00	50.14 2.75 0.00	45.69 2.50 0.00	44.08 2.26 0.00	39.76 1.82 0.00	37.45 1.61 0.00	35.01 1.28 0.00
CE_NYC2_DRP 24202	29.18 1.42 0.00	28.17 1.29 0.00	27.89 1.18 0.00	28.71 1.16 0.00	29.84 1.20 0.00	32.75 1.02 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.35 1.86 0.00	33.74 1.48 0.00	33.39 1.38 0.00	32.22 1.39 0.00	32.22 1.39 0.00	33.08 1.45 0.00	37.74 1.83 0.00	41.25 2.11 0.00	46.76 2.73 0.00	53.90 3.00 0.00	50.38 2.99 0.00	45.91 2.72 0.00	44.29 2.47 0.00	39.91 1.97 0.00	37.56 1.72 0.00	35.11 1.38 0.00
CE_NYC_DRP 24195	29.07 1.31 0.00	28.09 1.21 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.09 1.59 0.43	42.91 2.00 0.67	40.82 1.86 0.53	33.68 1.42 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.52 1.80 0.18	40.76 2.07 0.44	45.90 2.69 0.82	52.48 2.95 1.37	49.34 2.99 1.04	45.15 2.72 0.75	43.60 2.43 0.65	39.55 1.93 0.33	37.35 1.68 0.17	34.98 1.32 0.06
CHAFFEE___LFGE 323603	26.24 -1.53 0.00	25.70 -1.18 0.00	25.67 -1.04 0.00	26.42 -1.13 0.00	27.57 -1.06 0.00	31.10 -0.63 0.00	35.53 -1.40 0.00	39.42 -2.16 0.00	37.72 -1.78 0.00	31.19 -1.06 0.00	31.09 -0.93 0.00	29.75 -1.08 0.00	29.66 -1.17 0.00	30.30 -1.33 0.00	33.83 -2.08 0.00	36.47 -2.66 0.00	40.20 -3.83 0.00	47.08 -3.82 0.00	43.41 -3.98 0.00	39.65 -3.54 0.00	39.61 -2.22 0.00	35.85 -2.09 0.00	34.26 -1.58 0.00	32.75 -0.98 0.00
CHATEAUG_35_KV_LOAD 355732	27.18 -0.58 0.00	26.37 -0.51 0.00	26.20 -0.51 0.00	27.03 -0.52 0.00	28.09 -0.54 0.00	31.41 -0.32 0.00	36.67 -0.26 0.00	41.54 -0.04 0.00	39.65 0.16 0.00	32.48 0.23 0.00	32.37 0.35 0.00	31.26 0.43 0.00	31.45 0.62 0.00	32.42 0.79 0.00	36.95 1.04 0.00	40.23 1.10 0.00	44.91 0.88 0.00	51.76 0.87 0.00	48.10 0.71 0.00	43.79 0.60 0.00	42.45 0.63 0.00	38.66 0.72 0.00	36.41 0.57 0.00	34.40 0.67 0.00
CHATEAUG_WT_PWR 323614	27.04 -0.72 0.00	26.26 -0.62 0.00	26.07 -0.64 0.00	26.89 -0.66 0.00	27.95 -0.69 0.00	31.26 -0.48 0.00	36.52 -0.41 0.00	41.37 -0.21 0.00	39.49 0.00 0.00	32.35 0.10 0.00	32.27 0.25 0.00	31.17 0.34 0.00	31.39 0.56 0.00	32.36 0.73 0.00	36.88 0.97 0.00	40.19 1.06 0.00	44.78 0.75 0.00	51.61 0.71 0.00	48.01 0.61 0.00	43.71 0.52 0.00	42.37 0.54 0.00	38.62 0.68 0.00	36.41 0.57 0.00	34.36 0.64 0.00
CHAT_HIGH_FALL_HYD 323578	27.18 -0.58 0.00	26.37 -0.51 0.00	26.20 -0.51 0.00	27.03 -0.52 0.00	28.09 -0.54 0.00	31.41 -0.32 0.00	36.67 -0.26 0.00	41.54 -0.04 0.00	39.65 0.16 0.00	32.48 0.23 0.00	32.37 0.35 0.00	31.26 0.43 0.00	31.45 0.62 0.00	32.42 0.79 0.00	36.95 1.04 0.00	40.23 1.10 0.00	44.91 0.88 0.00	51.76 0.87 0.00	48.10 0.71 0.00	43.79 0.60 0.00	42.45 0.63 0.00	38.66 0.72 0.00	36.41 0.57 0.00	34.40 0.67 0.00
CHAUTAUQUA___LFGE 323629	26.27 -1.50 0.00	25.78 -1.10 0.00	25.83 -0.88 0.00	26.64 -0.91 0.00	27.86 -0.77 0.00	31.48 -0.25 0.00	36.01 -0.92 0.00	39.96 -1.62 0.00	38.23 -1.27 0.00	31.55 -0.71 0.00	31.34 -0.67 0.00	29.91 -0.92 0.00	29.81 -1.02 0.00	30.43 -1.20 0.00	33.97 -1.94 0.00	36.63 -2.51 0.00	40.33 -3.70 0.00	47.23 -3.67 0.00	43.65 -3.75 0.00	39.86 -3.32 0.00	39.90 -1.92 0.00	36.15 -1.78 0.00	34.58 -1.26 0.00	33.08 -0.64 0.00
CHERRYST_13_KV_LD 356241	29.15 1.39 0.00	28.14 1.26 0.00	27.89 1.18 0.00	28.71 1.16 0.00	29.84 1.20 0.00	32.78 1.05 0.00	38.16 1.66 0.43	43.03 2.12 0.67	40.90 1.94 0.53	33.77 1.52 0.00	33.42 1.41 0.00	32.22 1.39 0.00	32.22 1.39 0.00	33.08 1.45 0.00	37.59 1.87 0.18	40.84 2.15 0.44	46.03 2.82 0.82	52.63 3.10 1.37	49.48 3.13 1.04	45.28 2.85 0.75	43.73 2.55 0.65	39.66 2.05 0.33	37.42 1.76 0.17	35.08 1.42 0.06

CHESTROR_138KV_BK263 355645	28.71 0.94 0.00	27.74 0.86 0.00	27.48 0.77 0.00	28.32 0.77 0.00	29.46 0.83 0.00	32.43 0.70 0.00	38.04 1.11 0.00	42.95 1.37 0.00	40.72 1.22 0.00	33.16 0.90 0.00	32.85 0.83 0.00	31.63 0.80 0.00	31.63 0.80 0.00	32.48 0.85 0.00	37.06 1.15 0.00	40.46 1.33 0.00	46.01 1.98 0.00	53.14 2.24 0.00	49.62 2.23 0.00	45.22 2.03 0.00	43.62 1.80 0.00	39.38 1.44 0.00	37.13 1.29 0.00	34.74 1.01 0.00
CH_MIDHUDSON___DRP 24192	29.24 1.47 0.00	28.25 1.37 0.00	27.97 1.26 0.00	28.82 1.27 0.00	29.98 1.35 0.00	32.97 1.24 0.00	38.70 1.77 0.00	43.66 2.08 0.00	41.43 1.94 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.13 1.29 0.00	32.10 1.26 0.00	33.02 1.39 0.00	37.63 1.72 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.85 2.95 0.00	50.28 2.89 0.00	45.86 2.68 0.00	44.21 2.38 0.00	39.87 1.93 0.00	37.59 1.76 0.00	35.17 1.45 0.00
CH_MISC_IPPS 23765	29.29 1.53 0.00	28.25 1.37 0.00	27.99 1.28 0.00	28.87 1.32 0.00	30.04 1.40 0.00	33.03 1.30 0.00	38.81 1.88 0.00	43.78 2.20 0.00	41.55 2.05 0.00	33.77 1.52 0.00	33.39 1.38 0.00	32.16 1.32 0.00	32.13 1.29 0.00	33.05 1.42 0.00	37.74 1.83 0.00	41.28 2.15 0.00	46.85 2.82 0.00	54.06 3.16 0.00	50.52 3.13 0.00	46.04 2.85 0.00	44.29 2.47 0.00	39.98 2.05 0.00	37.70 1.86 0.00	35.28 1.55 0.00
CH_RES_BVR_FALLS 23983	27.38 -0.39 0.00	26.53 -0.35 0.00	26.39 -0.32 0.00	27.25 -0.30 0.00	28.35 -0.29 0.00	31.51 -0.22 0.00	36.71 -0.22 0.00	41.45 -0.12 0.00	39.42 -0.08 0.00	32.22 -0.03 0.00	32.05 0.03 0.00	30.89 0.06 0.00	30.92 0.09 0.00	31.76 0.13 0.00	36.05 0.14 0.00	39.25 0.12 0.00	43.99 -0.04 0.00	50.75 -0.15 0.00	47.16 -0.24 0.00	42.93 -0.26 0.00	41.58 -0.25 0.00	37.75 -0.19 0.00	35.66 -0.18 0.00	33.62 -0.10 0.00
CH_RES_NIAGARA 23895	25.41 -2.36 0.00	24.70 -2.18 0.00	24.73 -1.98 0.00	25.51 -2.04 0.00	26.54 -2.09 0.00	29.80 -1.94 0.00	33.94 -2.99 0.00	37.55 -4.03 0.00	35.94 -3.55 0.00	29.81 -2.45 0.00	29.77 -2.24 0.00	28.55 -2.28 0.00	28.46 -2.37 0.00	29.04 -2.59 0.00	32.35 -3.56 0.00	34.79 -4.34 0.00	38.17 -5.86 0.00	44.64 -6.26 0.00	41.19 -6.21 0.00	37.66 -5.53 0.00	37.14 -4.68 0.00	34.22 -3.72 0.00	32.79 -3.05 0.00	31.36 -2.36 0.00
CH_RES_SYRACUSE 23985	27.35 -0.42 0.00	26.50 -0.38 0.00	26.36 -0.35 0.00	27.22 -0.33 0.00	28.26 -0.37 0.00	31.41 -0.32 0.00	36.41 -0.52 0.00	40.87 -0.71 0.00	38.86 -0.63 0.00	31.71 -0.55 0.00	31.50 -0.51 0.00	30.31 -0.52 0.00	30.31 -0.52 0.00	31.03 -0.60 0.00	35.19 -0.72 0.00	38.31 -0.82 0.00	43.06 -0.97 0.00	49.93 -0.97 0.00	46.45 -0.95 0.00	42.32 -0.86 0.00	41.11 -0.71 0.00	37.25 -0.68 0.00	35.19 -0.64 0.00	33.12 -0.61 0.00
CLINTON_WT_PWR 323605	27.04 -0.72 0.00	26.26 -0.62 0.00	26.07 -0.64 0.00	26.89 -0.66 0.00	27.95 -0.69 0.00	31.26 -0.48 0.00	36.52 -0.41 0.00	41.37 -0.21 0.00	39.49 0.00 0.00	32.35 0.10 0.00	32.27 0.25 0.00	31.17 0.34 0.00	31.39 0.56 0.00	32.36 0.73 0.00	36.88 0.97 0.00	40.19 1.06 0.00	44.78 0.75 0.00	51.61 0.71 0.00	48.01 0.61 0.00	43.71 0.52 0.00	42.37 0.54 0.00	38.62 0.68 0.00	36.41 0.57 0.00	34.36 0.64 0.00
CLINTON___LFGE 323618	27.46 -0.30 0.00	26.69 -0.19 0.00	26.50 -0.21 0.00	27.33 -0.22 0.00	28.40 -0.23 0.00	31.86 0.13 0.00	37.22 0.29 0.00	42.20 0.62 0.00	40.28 0.79 0.00	33.00 0.74 0.00	32.91 0.90 0.00	31.76 0.92 0.00	31.97 1.14 0.00	32.93 1.30 0.00	37.56 1.65 0.00	40.90 1.76 0.00	45.48 1.45 0.00	52.38 1.48 0.00	48.72 1.33 0.00	44.31 1.12 0.00	42.99 1.17 0.00	39.30 1.36 0.00	36.98 1.15 0.00	34.97 1.25 0.00
COBBLENY_34_KV_TB1 80064	26.27 -1.50 0.00	25.54 -1.34 0.00	25.59 -1.12 0.00	26.42 -1.13 0.00	27.57 -1.06 0.00	31.00 -0.73 0.00	35.49 -1.44 0.00	39.42 -2.16 0.00	37.72 -1.78 0.00	31.19 -1.06 0.00	31.06 -0.96 0.00	29.75 -1.08 0.00	29.66 -1.17 0.00	30.30 -1.33 0.00	33.83 -2.08 0.00	36.43 -2.70 0.00	40.20 -3.83 0.00	46.93 -3.97 0.00	43.41 -3.98 0.00	39.65 -3.54 0.00	39.02 -2.80 0.00	35.85 -2.09 0.00	34.26 -1.58 0.00	32.71 -1.01 0.00
COFFEEN___115KV_TB3 355620	27.10 -0.67 0.00	26.29 -0.59 0.00	26.20 -0.51 0.00	27.03 -0.52 0.00	28.03 -0.60 0.00	31.32 -0.41 0.00	36.56 -0.37 0.00	41.37 -0.21 0.00	39.38 -0.12 0.00	32.10 -0.16 0.00	31.86 -0.16 0.00	30.65 -0.18 0.00	30.68 -0.15 0.00	31.41 -0.22 0.00	35.84 -0.07 0.00	38.90 -0.23 0.00	43.63 -0.40 0.00	50.54 -0.36 0.00	46.92 -0.47 0.00	42.54 -0.65 0.00	41.28 -0.54 0.00	37.33 -0.61 0.00	35.30 -0.54 0.00	33.15 -0.57 0.00
COLDSPRG_115KV_BK1 355956	26.91 -0.86 0.00	26.23 -0.65 0.00	26.36 -0.35 0.00	27.30 -0.25 0.00	28.58 -0.06 0.00	32.21 0.48 0.00	37.04 0.11 0.00	41.21 -0.37 0.00	39.42 -0.08 0.00	32.45 0.19 0.00	32.18 0.16 0.00	30.71 -0.12 0.00	30.62 -0.22 0.00	31.28 -0.35 0.00	34.98 -0.93 0.00	37.72 -1.41 0.00	41.74 -2.29 0.00	48.66 -2.24 0.00	45.12 -2.27 0.00	41.20 -1.99 0.00	40.57 -1.25 0.00	37.18 -0.76 0.00	35.51 -0.32 0.00	33.89 0.17 0.00
COLONIE_LFGE___ 323577	28.93 1.17 0.00	27.93 1.05 0.00	27.72 1.01 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.78 1.05 0.00	38.30 1.37 0.00	43.12 1.54 0.00	40.88 1.38 0.00	33.39 1.13 0.00	33.11 1.09 0.00	31.88 1.05 0.00	31.82 0.99 0.00	32.67 1.04 0.00	36.99 1.08 0.00	40.46 1.33 0.00	45.79 1.76 0.00	52.88 1.98 0.00	49.29 1.90 0.00	44.96 1.77 0.00	43.33 1.50 0.00	39.34 1.40 0.00	37.12 1.29 0.00	34.84 1.11 0.00
COOPERNY_115KV_TB1 80082	28.41 0.64 0.00	27.47 0.59 0.00	27.24 0.53 0.00	28.07 0.52 0.00	29.18 0.54 0.00	32.21 0.48 0.00	37.67 0.74 0.00	42.49 0.91 0.00	40.32 0.83 0.00	32.87 0.61 0.00	32.59 0.58 0.00	31.36 0.52 0.00	31.36 0.52 0.00	32.20 0.57 0.00	36.70 0.79 0.00	40.03 0.90 0.00	45.39 1.36 0.00	52.48 1.58 0.00	48.96 1.56 0.00	44.61 1.43 0.00	43.08 1.25 0.00	38.92 0.99 0.00	36.73 0.90 0.00	34.43 0.71 0.00
COPENHAGEN_WT_PWR 323753	26.99 -0.78 0.00	26.18 -0.70 0.00	26.04 -0.67 0.00	26.89 -0.66 0.00	27.89 -0.74 0.00	31.13 -0.60 0.00	36.27 -0.66 0.00	41.04 -0.54 0.00	39.02 -0.47 0.00	31.87 -0.39 0.00	31.63 -0.38 0.00	30.43 -0.40 0.00	30.46 -0.37 0.00	31.19 -0.44 0.00	35.55 -0.36 0.00	38.59 -0.55 0.00	43.28 -0.75 0.00	50.08 -0.82 0.00	46.49 -0.90 0.00	42.19 -0.99 0.00	40.99 -0.84 0.00	37.10 -0.83 0.00	35.05 -0.79 0.00	32.95 -0.77 0.00
CORNELL_____ 23752	27.85 0.08 0.00	26.96 0.08 0.00	26.87 0.16 0.00	27.74 0.19 0.00	28.83 0.20 0.00	32.11 0.38 0.00	37.34 0.41 0.00	41.70 0.12 0.00	39.65 0.16 0.00	32.35 0.10 0.00	32.11 0.10 0.00	30.83 0.00 0.00	30.80 -0.03 0.00	31.57 -0.06 0.00	35.80 -0.11 0.00	39.02 -0.12 0.00	43.90 -0.13 0.00	51.15 0.25 0.00	47.58 0.19 0.00	43.32 0.13 0.00	42.03 0.21 0.00	38.13 0.19 0.00	36.05 0.22 0.00	33.96 0.24 0.00

CORONA__69_KV_TB1 355595	29.49 1.72 0.00	28.30 1.42 0.00	27.99 1.28 0.00	28.76 1.21 0.00	29.92 1.29 0.00	33.07 1.33 0.00	39.00 2.07 0.00	44.20 2.62 0.00	41.59 2.09 0.00	33.64 1.39 0.00	33.26 1.25 0.00	32.03 1.20 0.00	32.10 1.26 0.00	33.12 1.49 0.00	38.28 2.37 0.00	41.87 2.74 0.00	48.83 3.43 -1.37	54.94 4.02 -0.02	51.49 3.93 -0.16	50.53 3.54 -3.80	45.11 3.26 -0.02	40.73 2.77 -0.02	38.20 2.37 0.00	35.55 1.82 0.00
CORTLAND__115KV_TB3 80093	27.71 -0.06 0.00	26.83 -0.05 0.00	26.71 0.00 0.00	27.58 0.03 0.00	28.66 0.03 0.00	31.89 0.16 0.00	37.04 0.11 0.00	41.58 0.00 0.00	39.53 0.04 0.00	32.26 0.00 0.00	32.02 0.00 0.00	30.80 -0.03 0.00	30.77 -0.06 0.00	31.53 -0.09 0.00	35.73 -0.18 0.00	38.94 -0.20 0.00	43.76 -0.26 0.00	50.75 -0.15 0.00	47.20 -0.19 0.00	42.97 -0.22 0.00	41.70 -0.13 0.00	37.82 -0.11 0.00	35.76 -0.07 0.00	33.72 0.00 0.00
COXSACKIE__GT 23611	30.01 2.25 0.00	29.06 2.18 0.00	28.71 2.00 0.00	29.70 2.15 0.00	30.93 2.29 0.00	34.14 2.41 0.00	40.03 3.10 0.00	44.99 3.41 0.00	42.69 3.20 0.00	34.58 2.32 0.00	34.00 1.99 0.00	32.65 1.82 0.00	32.59 1.76 0.00	33.53 1.90 0.00	38.10 2.19 0.00	41.76 2.62 0.00	47.47 3.44 0.00	54.82 3.92 0.00	51.14 3.74 0.00	46.64 3.46 0.00	44.80 2.97 0.00	40.40 2.46 0.00	38.27 2.44 0.00	36.12 2.39 0.00
CPV_VALLEY__CC1 323721	28.49 0.72 0.00	27.50 0.62 0.00	27.27 0.56 0.00	28.13 0.58 0.00	29.24 0.60 0.00	32.24 0.51 0.00	37.74 0.81 0.00	42.62 1.04 0.00	40.40 0.91 0.00	32.94 0.68 0.00	32.62 0.61 0.00	31.42 0.58 0.00	31.42 0.58 0.00	32.29 0.67 0.00	36.81 0.90 0.00	40.15 1.02 0.00	45.66 1.63 0.00	52.68 1.78 0.00	49.19 1.80 0.00	44.87 1.68 0.00	43.20 1.38 0.00	39.07 1.14 0.00	36.87 1.04 0.00	34.50 0.78 0.00
CPV_VALLEY__CC2 323722	28.49 0.72 0.00	27.50 0.62 0.00	27.27 0.56 0.00	28.13 0.58 0.00	29.24 0.60 0.00	32.24 0.51 0.00	37.74 0.81 0.00	42.62 1.04 0.00	40.40 0.91 0.00	32.94 0.68 0.00	32.62 0.61 0.00	31.42 0.58 0.00	31.42 0.58 0.00	32.29 0.67 0.00	36.81 0.90 0.00	40.15 1.02 0.00	45.66 1.63 0.00	52.68 1.78 0.00	49.19 1.80 0.00	44.87 1.68 0.00	43.20 1.38 0.00	39.07 1.14 0.00	36.87 1.04 0.00	34.50 0.78 0.00
CRESCENT__HYD 24018	28.93 1.17 0.00	27.93 1.05 0.00	27.72 1.01 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.78 1.05 0.00	38.30 1.37 0.00	43.12 1.54 0.00	40.88 1.38 0.00	33.39 1.13 0.00	33.11 1.09 0.00	31.88 1.05 0.00	31.82 0.99 0.00	32.67 1.04 0.00	36.99 1.08 0.00	40.46 1.33 0.00	45.79 1.76 0.00	52.88 1.98 0.00	49.29 1.90 0.00	44.96 1.77 0.00	43.33 1.50 0.00	39.34 1.40 0.00	37.12 1.29 0.00	34.84 1.11 0.00
CRICKET__VALLEY_CC1 323756	29.04 1.28 0.00	28.01 1.13 0.00	27.78 1.07 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.68 0.95 0.00	38.30 1.37 0.00	43.24 1.66 0.00	40.96 1.46 0.00	33.42 1.16 0.00	33.17 1.15 0.00	31.94 1.11 0.00	31.88 1.05 0.00	32.77 1.14 0.00	37.24 1.33 0.00	40.74 1.61 0.00	46.10 2.07 0.00	53.19 2.29 0.00	49.67 2.27 0.00	45.30 2.12 0.00	43.58 1.76 0.00	39.53 1.59 0.00	37.23 1.40 0.00	34.84 1.11 0.00
CRICKET__VALLEY_CC2 323757	29.04 1.28 0.00	28.01 1.13 0.00	27.78 1.07 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.68 0.95 0.00	38.30 1.37 0.00	43.24 1.66 0.00	40.96 1.46 0.00	33.42 1.16 0.00	33.17 1.15 0.00	31.94 1.11 0.00	31.88 1.05 0.00	32.77 1.14 0.00	37.24 1.33 0.00	40.74 1.61 0.00	46.10 2.07 0.00	53.19 2.29 0.00	49.67 2.27 0.00	45.30 2.12 0.00	43.58 1.76 0.00	39.53 1.59 0.00	37.23 1.40 0.00	34.84 1.11 0.00
CRICKET__VALLEY_CC3 323758	29.04 1.28 0.00	28.01 1.13 0.00	27.78 1.07 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.68 0.95 0.00	38.30 1.37 0.00	43.24 1.66 0.00	40.96 1.46 0.00	33.42 1.16 0.00	33.17 1.15 0.00	31.94 1.11 0.00	31.88 1.05 0.00	32.77 1.14 0.00	37.24 1.33 0.00	40.74 1.61 0.00	46.10 2.07 0.00	53.19 2.29 0.00	49.67 2.27 0.00	45.30 2.12 0.00	43.58 1.76 0.00	39.53 1.59 0.00	37.23 1.40 0.00	34.84 1.11 0.00
CRUCIBLE__METL_DRP 24180	27.35 -0.42 0.00	26.48 -0.40 0.00	26.36 -0.35 0.00	27.22 -0.33 0.00	28.26 -0.37 0.00	31.38 -0.35 0.00	36.41 -0.52 0.00	40.87 -0.71 0.00	38.86 -0.63 0.00	31.71 -0.55 0.00	31.50 -0.51 0.00	30.31 -0.52 0.00	30.31 -0.52 0.00	31.03 -0.60 0.00	35.19 -0.72 0.00	38.31 -0.82 0.00	43.06 -0.97 0.00	49.93 -0.97 0.00	46.45 -0.95 0.00	42.32 -0.86 0.00	41.03 -0.79 0.00	37.25 -0.68 0.00	35.19 -0.65 0.00	33.12 -0.61 0.00
DAHOWA__HYDRO 323763	28.91 1.14 0.00	27.90 1.02 0.00	27.72 1.01 0.00	28.62 1.07 0.00	29.78 1.15 0.00	32.91 1.17 0.00	38.52 1.59 0.00	43.41 1.83 0.00	41.11 1.62 0.00	33.42 1.16 0.00	33.11 1.09 0.00	31.82 0.99 0.00	31.82 0.99 0.00	32.67 1.04 0.00	37.09 1.18 0.00	40.74 1.61 0.00	46.14 2.11 0.00	53.34 2.44 0.00	49.72 2.32 0.00	45.30 2.12 0.00	43.66 1.84 0.00	39.57 1.63 0.00	37.30 1.47 0.00	34.97 1.25 0.00
DANC__LFGE 323619	26.99 -0.78 0.00	26.16 -0.72 0.00	26.04 -0.67 0.00	26.86 -0.69 0.00	27.89 -0.74 0.00	31.06 -0.67 0.00	36.08 -0.85 0.00	40.70 -0.88 0.00	38.71 -0.79 0.00	31.61 -0.64 0.00	31.38 -0.64 0.00	30.22 -0.62 0.00	30.22 -0.62 0.00	30.93 -0.70 0.00	35.19 -0.72 0.00	38.23 -0.90 0.00	42.88 -1.15 0.00	49.68 -1.22 0.00	46.16 -1.23 0.00	41.93 -1.25 0.00	40.70 -1.13 0.00	36.91 -1.02 0.00	34.87 -0.97 0.00	32.82 -0.91 0.00
DANSKAMMER__1 23586	29.29 1.53 0.00	28.25 1.37 0.00	27.99 1.28 0.00	28.87 1.32 0.00	30.04 1.40 0.00	33.03 1.30 0.00	38.81 1.88 0.00	43.78 2.20 0.00	41.55 2.05 0.00	33.77 1.52 0.00	33.39 1.38 0.00	32.16 1.32 0.00	32.13 1.29 0.00	33.05 1.42 0.00	37.74 1.83 0.00	41.28 2.15 0.00	46.85 2.82 0.00	54.06 3.16 0.00	50.52 3.13 0.00	46.04 2.85 0.00	44.29 2.47 0.00	39.98 2.05 0.00	37.70 1.86 0.00	35.28 1.55 0.00
DANSKAMMER__2 23589	29.29 1.53 0.00	28.25 1.37 0.00	27.99 1.28 0.00	28.87 1.32 0.00	30.04 1.40 0.00	33.03 1.30 0.00	38.81 1.88 0.00	43.78 2.20 0.00	41.55 2.05 0.00	33.77 1.52 0.00	33.39 1.38 0.00	32.16 1.32 0.00	32.13 1.29 0.00	33.05 1.42 0.00	37.74 1.83 0.00	41.28 2.15 0.00	46.85 2.82 0.00	54.06 3.16 0.00	50.52 3.13 0.00	46.04 2.85 0.00	44.29 2.47 0.00	39.98 2.05 0.00	37.70 1.86 0.00	35.28 1.55 0.00
DANSKAMMER__3 23590	29.29 1.53 0.00	28.25 1.37 0.00	27.99 1.28 0.00	28.87 1.32 0.00	30.04 1.40 0.00	33.03 1.30 0.00	38.81 1.88 0.00	43.78 2.20 0.00	41.55 2.05 0.00	33.77 1.52 0.00	33.39 1.38 0.00	32.16 1.32 0.00	32.13 1.29 0.00	33.05 1.42 0.00	37.74 1.83 0.00	41.28 2.15 0.00	46.85 2.82 0.00	54.06 3.16 0.00	50.52 3.13 0.00	46.04 2.85 0.00	44.29 2.47 0.00	39.98 2.05 0.00	37.70 1.86 0.00	35.28 1.55 0.00

DANSKAMMER___4 23591	29.29 1.53 0.00	28.25 1.37 0.00	27.99 1.28 0.00	28.87 1.32 0.00	30.04 1.40 0.00	33.03 1.30 0.00	38.81 1.88 0.00	43.78 2.20 0.00	41.55 2.05 0.00	33.77 1.52 0.00	33.39 1.38 0.00	32.16 1.32 0.00	32.13 1.29 0.00	33.05 1.42 0.00	37.74 1.83 0.00	41.28 2.15 0.00	46.85 2.82 0.00	54.06 3.16 0.00	50.52 3.13 0.00	46.04 2.85 0.00	44.29 2.47 0.00	39.98 2.05 0.00	37.70 1.86 0.00	35.28 1.55 0.00
DANSKAMMER___DIESEL 23592	29.29 1.53 0.00	28.30 1.42 0.00	28.02 1.31 0.00	28.87 1.32 0.00	30.04 1.40 0.00	33.03 1.30 0.00	38.81 1.88 0.00	43.78 2.20 0.00	41.55 2.05 0.00	33.77 1.52 0.00	33.39 1.38 0.00	32.16 1.33 0.00	32.13 1.29 0.00	33.05 1.42 0.00	37.74 1.83 0.00	41.29 2.15 0.00	46.89 2.86 0.00	54.11 3.21 0.00	50.52 3.13 0.00	46.08 2.89 0.00	44.38 2.55 0.00	39.99 2.05 0.00	37.70 1.86 0.00	35.31 1.59 0.00
DARBY___SOLAR 323810	28.88 1.11 0.00	27.87 1.00 0.00	27.70 0.99 0.00	28.60 1.05 0.00	29.75 1.12 0.00	32.84 1.11 0.00	38.45 1.51 0.00	43.28 1.71 0.00	41.00 1.50 0.00	33.35 1.10 0.00	33.04 1.02 0.00	31.76 0.92 0.00	31.76 0.92 0.00	32.61 0.98 0.00	37.02 1.11 0.00	40.62 1.49 0.00	46.01 1.98 0.00	53.19 2.29 0.00	49.57 2.18 0.00	45.17 1.99 0.00	43.58 1.76 0.00	39.49 1.56 0.00	37.23 1.40 0.00	34.94 1.21 0.00
DASHVILLE___HYD 23610	29.49 1.72 0.00	28.52 1.64 0.00	28.18 1.47 0.00	29.07 1.52 0.00	30.24 1.60 0.00	33.25 1.52 0.00	39.15 2.22 0.00	44.16 2.58 0.00	41.86 2.37 0.00	34.00 1.74 0.00	33.58 1.57 0.00	32.31 1.48 0.00	32.28 1.45 0.00	33.24 1.61 0.00	37.99 2.08 0.00	41.60 2.47 0.00	47.33 3.30 0.00	54.61 3.72 0.00	51.00 3.60 0.00	46.47 3.28 0.00	44.71 2.89 0.00	40.21 2.28 0.00	37.95 2.11 0.00	35.51 1.79 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.02 2.25 0.00	28.71 1.83 0.00	28.37 1.66 0.00	29.15 1.60 0.00	30.44 1.80 0.00	33.79 2.06 0.00	40.03 3.10 0.00	45.65 4.07 0.00	42.89 3.40 0.00	34.52 2.26 0.00	34.13 2.11 0.00	32.90 2.07 0.00	32.99 2.16 0.00	34.00 2.37 0.00	39.61 3.70 0.00	43.40 4.27 0.00	50.39 5.55 -0.81	57.52 6.62 -0.01	53.69 6.21 -0.09	50.58 5.27 -2.12	46.48 4.64 -0.01	41.78 3.83 -0.01	38.92 3.08 0.00	36.19 2.46 0.00
DELAWARE___LFGE 323621	28.41 0.64 0.00	27.52 0.65 0.00	27.35 0.64 0.00	28.21 0.66 0.00	29.29 0.66 0.00	32.49 0.76 0.00	37.93 1.00 0.00	42.83 1.25 0.00	40.60 1.11 0.00	33.06 0.81 0.00	32.78 0.77 0.00	31.51 0.68 0.00	31.48 0.65 0.00	32.26 0.63 0.00	36.70 0.79 0.00	40.07 0.94 0.00	45.26 1.23 0.00	52.38 1.48 0.00	48.82 1.42 0.00	44.44 1.25 0.00	43.00 1.17 0.00	38.92 0.99 0.00	36.77 0.93 0.00	34.53 0.81 0.00
DERFIELD_115KV_TB7 355931	27.85 0.08 0.00	26.96 0.08 0.00	26.79 0.08 0.00	27.63 0.08 0.00	28.72 0.09 0.00	31.83 0.10 0.00	37.04 0.11 0.00	41.75 0.17 0.00	39.61 0.12 0.00	32.35 0.10 0.00	32.11 0.10 0.00	30.92 0.09 0.00	30.89 0.06 0.00	31.69 0.06 0.00	35.98 0.07 0.00	39.21 0.08 0.00	44.16 0.13 0.00	51.05 0.15 0.00	47.54 0.14 0.00	43.27 0.09 0.00	41.91 0.08 0.00	38.01 0.08 0.00	35.91 0.07 0.00	33.76 0.03 0.00
DOGLEVILLE___HYD 23807	28.38 0.61 0.00	27.50 0.62 0.00	27.38 0.67 0.00	28.27 0.72 0.00	29.41 0.77 0.00	32.72 0.98 0.00	38.08 1.15 0.00	43.03 1.45 0.00	41.00 1.50 0.00	33.51 1.26 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.10 1.26 0.00	32.86 1.23 0.00	37.20 1.29 0.00	40.42 1.29 0.00	45.22 1.19 0.00	52.02 1.12 0.00	48.34 0.95 0.00	43.96 0.78 0.00	42.54 0.71 0.00	38.70 0.76 0.00	36.55 0.72 0.00	34.40 0.67 0.00
DUNKIRK___115KV_TB_200 55889	26.27 -1.50 0.00	25.59 -1.29 0.00	25.72 -0.99 0.00	26.61 -0.94 0.00	27.80 -0.83 0.00	31.32 -0.41 0.00	35.90 -1.03 0.00	39.87 -1.70 0.00	38.15 -1.34 0.00	31.45 -0.81 0.00	31.25 -0.77 0.00	29.88 -0.96 0.00	29.78 -1.05 0.00	30.40 -1.23 0.00	33.93 -1.98 0.00	36.55 -2.58 0.00	40.29 -3.74 0.00	47.08 -3.82 0.00	43.55 -3.84 0.00	39.82 -3.37 0.00	39.23 -2.59 0.00	36.08 -1.86 0.00	34.51 -1.33 0.00	32.98 -0.74 0.00
DUNKIRK___1 23563	26.27 -1.50 0.00	25.59 -1.29 0.00	25.72 -0.99 0.00	26.61 -0.94 0.00	27.80 -0.83 0.00	31.32 -0.41 0.00	35.90 -1.03 0.00	39.87 -1.70 0.00	38.15 -1.34 0.00	31.45 -0.81 0.00	31.25 -0.77 0.00	29.88 -0.96 0.00	29.78 -1.05 0.00	30.40 -1.23 0.00	33.93 -1.98 0.00	36.55 -2.58 0.00	40.29 -3.74 0.00	47.08 -3.82 0.00	43.55 -3.84 0.00	39.82 -3.37 0.00	39.23 -2.59 0.00	36.08 -1.86 0.00	34.51 -1.33 0.00	32.98 -0.74 0.00
DUNKIRK___2 23564	26.27 -1.50 0.00	25.59 -1.29 0.00	25.72 -0.99 0.00	26.61 -0.94 0.00	27.80 -0.83 0.00	31.32 -0.41 0.00	35.90 -1.03 0.00	39.87 -1.70 0.00	38.15 -1.34 0.00	31.45 -0.81 0.00	31.25 -0.77 0.00	29.88 -0.96 0.00	29.78 -1.05 0.00	30.40 -1.23 0.00	33.93 -1.98 0.00	36.55 -2.58 0.00	40.29 -3.74 0.00	47.08 -3.82 0.00	43.55 -3.84 0.00	39.82 -3.37 0.00	39.23 -2.59 0.00	36.08 -1.86 0.00	34.51 -1.33 0.00	32.98 -0.74 0.00
DUNKIRK___3 23565	26.21 -1.55 0.00	25.54 -1.34 0.00	25.64 -1.07 0.00	26.50 -1.05 0.00	27.69 -0.94 0.00	31.16 -0.57 0.00	35.71 -1.22 0.00	39.63 -1.95 0.00	37.92 -1.58 0.00	31.29 -0.97 0.00	31.12 -0.90 0.00	29.78 -1.05 0.00	29.69 -1.14 0.00	30.30 -1.33 0.00	33.83 -2.08 0.00	36.43 -2.70 0.00	40.15 -3.87 0.00	46.93 -3.97 0.00	43.41 -3.98 0.00	39.65 -3.54 0.00	39.06 -2.76 0.00	35.93 -2.01 0.00	34.33 -1.51 0.00	32.81 -0.91 0.00
DUNKIRK___4 23566	26.21 -1.55 0.00	25.54 -1.34 0.00	25.64 -1.07 0.00	26.50 -1.05 0.00	27.69 -0.94 0.00	31.16 -0.57 0.00	35.71 -1.22 0.00	39.63 -1.95 0.00	37.92 -1.58 0.00	31.29 -0.97 0.00	31.12 -0.90 0.00	29.78 -1.05 0.00	29.69 -1.14 0.00	30.30 -1.33 0.00	33.83 -2.08 0.00	36.43 -2.70 0.00	40.15 -3.87 0.00	46.93 -3.97 0.00	43.41 -3.98 0.00	39.65 -3.54 0.00	39.06 -2.76 0.00	35.93 -2.01 0.00	34.33 -1.51 0.00	32.81 -0.91 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.15 1.39 0.00	28.14 1.26 0.00	27.89 1.18 0.00	28.71 1.16 0.00	29.84 1.20 0.00	32.81 1.08 0.00	38.56 1.62 0.00	43.62 2.04 0.00	41.35 1.86 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.90 3.00 0.00	50.38 2.99 0.00	45.91 2.72 0.00	44.25 2.43 0.00	39.95 2.01 0.00	37.59 1.76 0.00	35.14 1.42 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.99 1.22 0.00	28.01 1.13 0.00	27.72 1.01 0.00	28.57 1.02 0.00	29.72 1.09 0.00	32.71 0.98 0.00	38.41 1.48 0.00	43.37 1.79 0.00	41.11 1.62 0.00	33.45 1.19 0.00	33.10 1.09 0.00	31.85 1.02 0.00	31.85 1.02 0.00	32.77 1.14 0.00	37.38 1.47 0.00	40.86 1.72 0.00	46.49 2.47 0.00	53.65 2.75 0.00	50.10 2.70 0.00	45.69 2.50 0.00	44.00 2.17 0.00	39.68 1.75 0.00	37.41 1.58 0.00	35.04 1.32 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	29.04 1.28 0.00	28.04 1.16 0.00	27.75 1.04 0.00	28.57 1.02 0.00	29.69 1.06 0.00	32.59 0.86 0.00	38.33 1.40 0.00	43.37 1.79 0.00	41.15 1.66 0.00	33.58 1.32 0.00	33.23 1.22 0.00	32.06 1.23 0.00	32.06 1.23 0.00	32.93 1.30 0.00	37.56 1.65 0.00	41.01 1.88 0.00	46.54 2.51 0.00	53.65 2.75 0.00	50.14 2.75 0.00	45.69 2.50 0.00	44.04 2.22 0.00	39.68 1.75 0.00	37.34 1.51 0.00	34.94 1.21 0.00
E179THST_13_KV_LOAD 356214	29.15 1.39 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.71 0.98 0.00	38.48 1.55 0.00	43.53 1.95 0.00	41.31 1.82 0.00	33.71 1.45 0.00	33.39 1.38 0.00	32.22 1.39 0.00	32.22 1.39 0.00	33.08 1.45 0.00	37.70 1.80 0.00	41.21 2.07 0.00	46.76 2.73 0.00	53.90 3.00 0.00	50.38 2.99 0.00	45.91 2.72 0.00	44.25 2.43 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
EAST HAMPTON___GT 23717	29.71 1.94 0.00	28.38 1.50 0.00	28.02 1.31 0.00	28.90 1.35 0.00	30.24 1.60 0.00	33.70 1.97 0.00	39.99 3.06 0.00	45.74 4.16 0.00	43.05 3.56 0.00	34.61 2.35 0.00	34.22 2.21 0.00	32.99 2.16 0.00	33.08 2.25 0.00	34.13 2.50 0.00	39.79 3.88 0.00	43.71 4.58 0.00	50.61 5.77 -0.81	57.68 6.77 -0.01	53.69 6.21 -0.09	50.32 5.01 -2.12	46.14 4.31 -0.01	41.43 3.49 -0.01	38.52 2.69 0.00	35.88 2.16 0.00
EAST RIVER___6 23660	29.04 1.28 0.00	27.96 1.08 0.00	27.75 1.04 0.00	28.60 1.05 0.00	29.72 1.09 0.00	32.65 0.92 0.00	38.05 1.55 0.43	42.91 2.00 0.67	40.78 1.82 0.53	33.67 1.42 0.00	33.30 1.28 0.00	32.13 1.29 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.52 1.79 0.18	40.72 2.03 0.44	45.90 2.69 0.82	52.48 2.95 1.37	49.34 2.99 1.04	45.16 2.72 0.75	43.52 2.34 0.65	39.54 1.93 0.33	37.32 1.65 0.17	34.94 1.28 0.06
EAST RIVER___7 23524	29.04 1.28 0.00	27.96 1.08 0.00	27.75 1.04 0.00	28.60 1.05 0.00	29.72 1.09 0.00	32.65 0.92 0.00	38.05 1.55 0.43	42.91 2.00 0.67	40.78 1.82 0.53	33.67 1.42 0.00	33.30 1.28 0.00	32.13 1.29 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.52 1.79 0.18	40.72 2.03 0.44	45.90 2.69 0.82	52.48 2.95 1.37	49.34 2.99 1.04	45.16 2.72 0.75	43.52 2.34 0.65	39.54 1.93 0.33	37.32 1.65 0.17	34.94 1.28 0.06
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.07 1.31 0.00	28.09 1.21 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.75 1.02 0.00	38.48 1.55 0.00	43.49 1.91 0.00	41.23 1.74 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.03 1.20 0.00	32.03 1.20 0.00	32.93 1.30 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.58 2.55 0.00	53.75 2.85 0.00	50.24 2.84 0.00	45.82 2.63 0.00	44.17 2.34 0.00	39.83 1.90 0.00	37.48 1.65 0.00	35.07 1.35 0.00
EAST_HAMPTON___DIESEL 23722	29.66 1.89 0.00	28.33 1.45 0.00	27.97 1.26 0.00	28.87 1.32 0.00	30.21 1.57 0.00	33.67 1.94 0.00	39.96 3.03 0.00	45.70 4.12 0.00	43.01 3.51 0.00	34.61 2.35 0.00	34.22 2.21 0.00	32.99 2.16 0.00	33.05 2.22 0.00	34.10 2.47 0.00	39.75 3.84 0.00	43.71 4.58 0.00	50.56 5.72 -0.81	57.63 6.72 -0.01	53.64 6.16 -0.09	50.23 4.92 -2.12	46.06 4.22 -0.01	41.36 3.42 -0.01	38.42 2.58 0.00	35.82 2.09 0.00
EAST_POINT___SOLAR 323840	29.35 1.58 0.00	28.30 1.42 0.00	28.15 1.44 0.00	29.09 1.54 0.00	30.26 1.63 0.00	33.63 1.90 0.00	39.37 2.44 0.00	44.45 2.87 0.00	41.82 2.33 0.00	33.35 1.10 0.00	32.62 0.61 0.00	30.92 0.09 0.00	31.20 0.37 0.00	32.26 0.63 0.00	36.66 0.76 0.00	41.01 1.88 0.00	46.98 2.95 0.00	54.51 3.61 0.00	50.81 3.41 0.00	46.25 3.07 0.00	44.71 2.88 0.00	40.59 2.65 0.00	38.13 2.30 0.00	35.78 2.06 0.00
EAST_PULASKI___ESR 323781	27.04 -0.72 0.00	26.21 -0.67 0.00	26.07 -0.64 0.00	26.89 -0.66 0.00	27.92 -0.71 0.00	31.03 -0.70 0.00	35.97 -0.96 0.00	40.50 -1.08 0.00	38.47 -1.03 0.00	31.45 -0.81 0.00	31.22 -0.80 0.00	30.06 -0.77 0.00	30.03 -0.80 0.00	30.78 -0.85 0.00	34.90 -1.01 0.00	38.00 -1.14 0.00	42.62 -1.41 0.00	49.37 -1.53 0.00	45.92 -1.47 0.00	41.76 -1.42 0.00	40.57 -1.25 0.00	36.80 -1.14 0.00	34.79 -1.04 0.00	32.71 -1.01 0.00
EAST_RIVER___1 323558	29.07 1.31 0.00	28.03 1.16 0.00	27.81 1.10 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.72 0.98 0.00	38.09 1.59 0.43	42.91 2.00 0.67	40.82 1.86 0.53	33.67 1.42 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.52 1.79 0.18	40.72 2.03 0.44	45.90 2.69 0.82	52.48 2.95 1.37	49.34 2.99 1.04	45.16 2.72 0.75	43.52 2.34 0.65	39.54 1.93 0.33	37.35 1.68 0.17	34.98 1.31 0.06
EAST_RIVER___2 323559	29.04 1.28 0.00	27.96 1.08 0.00	27.75 1.04 0.00	28.60 1.05 0.00	29.72 1.09 0.00	32.65 0.92 0.00	38.05 1.55 0.43	42.91 2.00 0.67	40.78 1.82 0.53	33.67 1.42 0.00	33.30 1.28 0.00	32.13 1.29 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.52 1.79 0.18	40.72 2.03 0.44	45.90 2.69 0.82	52.48 2.95 1.37	49.34 2.99 1.04	45.16 2.72 0.75	43.52 2.34 0.65	39.54 1.93 0.33	37.32 1.65 0.17	34.94 1.28 0.06
EAST___DELAWARE_HYD 23607	29.13 1.36 0.00	28.14 1.26 0.00	27.83 1.12 0.00	28.73 1.18 0.00	29.89 1.26 0.00	32.94 1.21 0.00	38.70 1.77 0.00	43.66 2.08 0.00	41.39 1.90 0.00	33.61 1.35 0.00	33.20 1.19 0.00	31.94 1.11 0.00	31.94 1.11 0.00	32.83 1.20 0.00	37.53 1.62 0.00	41.05 1.92 0.00	46.80 2.78 0.00	54.00 3.11 0.00	50.43 3.04 0.00	45.95 2.77 0.00	44.17 2.34 0.00	39.80 1.86 0.00	37.59 1.76 0.00	35.17 1.45 0.00
EIGHT_POINT___WT_PWR 323820	26.60 -1.17 0.00	26.05 -0.83 0.00	26.04 -0.67 0.00	27.00 -0.55 0.00	28.29 -0.34 0.00	31.95 0.22 0.00	36.89 -0.04 0.00	41.20 -0.37 0.00	39.34 -0.16 0.00	32.26 0.00 0.00	31.98 -0.03 0.00	30.58 -0.25 0.00	30.43 -0.40 0.00	31.06 -0.57 0.00	34.94 -0.97 0.00	37.69 -1.45 0.00	41.65 -2.38 0.00	48.41 -2.49 0.00	44.69 -2.70 0.00	40.64 -2.55 0.00	39.94 -1.88 0.00	36.57 -1.36 0.00	35.01 -0.82 0.00	33.66 -0.07 0.00
ELBRIDGE_115KV_TB2 80188	27.24 -0.53 0.00	26.37 -0.51 0.00	26.26 -0.45 0.00	27.08 -0.47 0.00	28.15 -0.49 0.00	31.25 -0.48 0.00	36.23 -0.70 0.00	40.66 -0.91 0.00	38.67 -0.83 0.00	31.55 -0.71 0.00	31.34 -0.67 0.00	30.15 -0.68 0.00	30.12 -0.71 0.00	30.87 -0.76 0.00	35.01 -0.90 0.00	38.12 -1.02 0.00	42.84 -1.19 0.00	49.63 -1.27 0.00	46.21 -1.18 0.00	42.11 -1.08 0.00	40.82 -1.00 0.00	37.06 -0.87 0.00	35.05 -0.79 0.00	32.98 -0.74 0.00
ELEC_TRO_TEK 24086	29.32 1.55 0.00	28.14 1.26 0.00	27.83 1.12 0.00	28.60 1.05 0.00	29.78 1.15 0.00	32.87 1.14 0.00	38.78 1.85 0.00	43.95 2.37 0.00	41.35 1.86 0.00	33.45 1.19 0.00	33.10 1.09 0.00	31.88 1.05 0.00	31.94 1.11 0.00	32.93 1.30 0.00	38.07 2.15 0.00	41.64 2.50 0.00	48.56 3.17 -1.36	54.58 3.66 -0.02	51.15 3.60 -0.16	50.22 3.28 -3.75	44.81 2.97 -0.02	40.50 2.54 -0.02	37.95 2.11 0.00	35.31 1.59 0.00

ELLENBURG_WT_PWR 323604	27.04 -0.72 0.00	26.26 -0.62 0.00	26.07 -0.64 0.00	26.89 -0.66 0.00	27.95 -0.69 0.00	31.26 -0.48 0.00	36.52 -0.41 0.00	41.37 -0.21 0.00	39.49 0.00 0.00	32.35 0.10 0.00	32.27 0.25 0.00	31.17 0.34 0.00	31.39 0.56 0.00	32.36 0.73 0.00	36.88 0.97 0.00	40.19 1.06 0.00	44.78 0.75 0.00	51.61 0.71 0.00	48.01 0.61 0.00	43.71 0.52 0.00	42.37 0.54 0.00	38.62 0.68 0.00	36.41 0.57 0.00	34.36 0.64 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.02 -1.75 0.00	25.32 -1.56 0.00	25.37 -1.34 0.00	26.20 -1.35 0.00	27.32 -1.32 0.00	30.68 -1.05 0.00	35.08 -1.85 0.00	38.92 -2.66 0.00	37.24 -2.25 0.00	30.81 -1.45 0.00	30.70 -1.31 0.00	29.41 -1.42 0.00	29.32 -1.51 0.00	29.95 -1.68 0.00	33.43 -2.48 0.00	35.96 -3.17 0.00	39.58 -4.45 0.00	46.27 -4.63 0.00	42.75 -4.64 0.00	39.08 -4.10 0.00	38.48 -3.35 0.00	35.36 -2.58 0.00	33.83 -2.01 0.00	32.34 -1.38 0.00
EMPIRE_CC_1 323656	28.74 0.97 0.00	27.74 0.86 0.00	27.54 0.83 0.00	28.41 0.85 0.00	29.55 0.92 0.00	32.52 0.79 0.00	37.93 1.00 0.00	42.62 1.04 0.00	40.52 1.03 0.00	33.13 0.87 0.00	32.85 0.83 0.00	31.63 0.80 0.00	31.54 0.71 0.00	32.39 0.76 0.00	36.63 0.72 0.00	39.99 0.86 0.00	45.17 1.14 0.00	52.17 1.27 0.00	48.67 1.28 0.00	44.39 1.21 0.00	42.74 0.92 0.00	38.85 0.91 0.00	36.80 0.97 0.00	34.53 0.81 0.00
EMPIRE_CC_2 323658	28.74 0.97 0.00	27.74 0.86 0.00	27.54 0.83 0.00	28.41 0.85 0.00	29.55 0.92 0.00	32.52 0.79 0.00	37.93 1.00 0.00	42.62 1.04 0.00	40.52 1.03 0.00	33.13 0.87 0.00	32.85 0.83 0.00	31.63 0.80 0.00	31.54 0.71 0.00	32.39 0.76 0.00	36.63 0.72 0.00	39.99 0.86 0.00	45.17 1.14 0.00	52.17 1.27 0.00	48.67 1.28 0.00	44.39 1.21 0.00	42.74 0.92 0.00	38.85 0.91 0.00	36.80 0.97 0.00	34.53 0.81 0.00
ENORWICH_115KV_TB1 80156	29.04 1.28 0.00	28.25 1.37 0.00	28.23 1.52 0.00	29.20 1.65 0.00	30.32 1.69 0.00	34.08 2.35 0.00	39.85 2.92 0.00	48.52 6.94 0.00	45.89 6.40 0.00	36.81 4.55 0.00	36.31 4.29 0.00	34.72 3.88 0.00	34.41 3.58 0.00	34.98 3.35 0.00	40.33 4.42 0.00	44.30 5.17 0.00	50.11 6.08 0.00	54.41 3.51 0.00	50.52 3.13 0.00	45.73 2.55 0.00	44.46 2.63 0.00	40.25 2.31 0.00	38.16 2.33 0.00	35.98 2.26 0.00
ERIE_ST_34_KV_TB1-2 80199	26.54 -1.22 0.00	25.80 -1.08 0.00	25.86 -0.85 0.00	26.70 -0.85 0.00	27.86 -0.77 0.00	31.35 -0.38 0.00	35.93 -1.00 0.00	39.87 -1.70 0.00	38.19 -1.30 0.00	31.52 -0.74 0.00	31.38 -0.64 0.00	30.06 -0.77 0.00	29.97 -0.86 0.00	30.65 -0.98 0.00	34.22 -1.69 0.00	36.86 -2.27 0.00	40.73 -3.30 0.00	47.54 -3.36 0.00	43.93 -3.46 0.00	40.16 -3.02 0.00	39.48 -2.34 0.00	36.23 -1.71 0.00	34.62 -1.22 0.00	33.08 -0.64 0.00
ERIE_WT_PWR 323693	26.21 -1.55 0.00	25.64 -1.24 0.00	25.64 -1.07 0.00	26.39 -1.16 0.00	27.55 -1.09 0.00	31.06 -0.67 0.00	35.45 -1.48 0.00	39.29 -2.29 0.00	37.60 -1.90 0.00	31.10 -1.16 0.00	30.99 -1.03 0.00	29.66 -1.17 0.00	29.57 -1.27 0.00	30.21 -1.42 0.00	33.72 -2.19 0.00	36.36 -2.78 0.00	40.02 -4.01 0.00	46.83 -4.07 0.00	43.18 -4.22 0.00	39.47 -3.71 0.00	39.44 -2.38 0.00	35.74 -2.20 0.00	34.15 -1.68 0.00	32.68 -1.05 0.00
ESPRGFLD_115KV_TB1 80157	28.49 0.72 0.00	27.58 0.70 0.00	27.43 0.72 0.00	28.29 0.74 0.00	29.41 0.77 0.00	32.75 1.02 0.00	38.22 1.29 0.00	43.20 1.62 0.00	40.88 1.38 0.00	33.03 0.77 0.00	32.62 0.61 0.00	31.29 0.46 0.00	31.32 0.49 0.00	32.07 0.44 0.00	36.56 0.65 0.00	40.23 1.10 0.00	45.66 1.63 0.00	52.83 1.93 0.00	49.24 1.85 0.00	44.74 1.55 0.00	43.29 1.46 0.00	39.26 1.33 0.00	37.02 1.18 0.00	34.70 0.98 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.82 0.06 0.00	26.93 0.05 0.00	26.84 0.13 0.00	27.72 0.17 0.00	28.81 0.17 0.00	32.08 0.35 0.00	37.30 0.37 0.00	41.66 0.08 0.00	39.57 0.08 0.00	32.32 0.06 0.00	32.05 0.03 0.00	30.80 -0.03 0.00	30.77 -0.06 0.00	31.53 -0.09 0.00	35.77 -0.14 0.00	38.98 -0.16 0.00	43.81 -0.22 0.00	51.05 0.15 0.00	47.49 0.09 0.00	43.27 0.09 0.00	41.95 0.13 0.00	38.09 0.15 0.00	35.98 0.14 0.00	33.89 0.17 0.00
ETNA____115KV_TB2 80207	27.82 0.06 0.00	26.93 0.05 0.00	26.84 0.13 0.00	27.72 0.17 0.00	28.81 0.17 0.00	32.08 0.35 0.00	37.30 0.37 0.00	41.66 0.08 0.00	39.57 0.08 0.00	32.32 0.06 0.00	32.05 0.03 0.00	30.80 -0.03 0.00	30.77 -0.06 0.00	31.53 -0.09 0.00	35.77 -0.14 0.00	38.98 -0.16 0.00	43.81 -0.22 0.00	51.05 0.15 0.00	47.49 0.09 0.00	43.27 0.09 0.00	41.95 0.13 0.00	38.09 0.15 0.00	35.98 0.14 0.00	33.89 0.17 0.00
EUCLID____115KV_TB2 356179	27.13 -0.64 0.00	26.26 -0.62 0.00	26.12 -0.59 0.00	26.94 -0.61 0.00	28.00 -0.63 0.00	31.10 -0.63 0.00	36.01 -0.92 0.00	40.46 -1.12 0.00	38.43 -1.07 0.00	31.42 -0.84 0.00	31.18 -0.83 0.00	30.03 -0.80 0.00	30.00 -0.83 0.00	30.74 -0.89 0.00	34.83 -1.08 0.00	37.92 -1.21 0.00	42.62 -1.41 0.00	49.37 -1.53 0.00	45.92 -1.47 0.00	41.85 -1.34 0.00	40.57 -1.25 0.00	36.84 -1.10 0.00	34.83 -1.00 0.00	32.78 -0.94 0.00
E_CANADA_CAP_HY 24051	28.76 1.00 0.00	27.77 0.89 0.00	27.62 0.91 0.00	28.54 0.99 0.00	29.69 1.06 0.00	32.97 1.24 0.00	38.52 1.59 0.00	43.45 1.87 0.00	41.03 1.54 0.00	33.03 0.77 0.00	32.56 0.54 0.00	31.14 0.31 0.00	31.23 0.40 0.00	32.01 0.38 0.00	36.41 0.50 0.00	40.31 1.17 0.00	45.92 1.89 0.00	53.24 2.34 0.00	49.57 2.18 0.00	45.08 1.90 0.00	43.58 1.76 0.00	39.72 1.78 0.00	37.34 1.50 0.00	35.04 1.31 0.00
E_CANADA_MHWK_HY 24050	28.38 0.61 0.00	27.50 0.62 0.00	27.38 0.67 0.00	28.27 0.72 0.00	29.41 0.77 0.00	32.72 0.98 0.00	38.08 1.15 0.00	43.03 1.45 0.00	41.00 1.50 0.00	33.51 1.26 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.10 1.26 0.00	32.86 1.23 0.00	37.20 1.29 0.00	40.42 1.29 0.00	45.22 1.19 0.00	52.02 1.12 0.00	48.34 0.95 0.00	43.96 0.78 0.00	42.54 0.71 0.00	38.70 0.76 0.00	36.55 0.72 0.00	34.40 0.67 0.00
E_FISHKILL____LBMP 23776	29.04 1.28 0.00	28.04 1.16 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.41 1.48 0.00	43.37 1.79 0.00	41.11 1.62 0.00	33.52 1.26 0.00	33.20 1.18 0.00	31.97 1.14 0.00	31.97 1.14 0.00	32.86 1.23 0.00	37.42 1.51 0.00	40.89 1.76 0.00	46.27 2.25 0.00	53.44 2.54 0.00	49.91 2.51 0.00	45.52 2.33 0.00	43.87 2.05 0.00	39.61 1.67 0.00	37.34 1.51 0.00	34.90 1.18 0.00
FALCON____SEABRD_CC1 323796	27.38 -0.39 0.00	26.58 -0.30 0.00	26.42 -0.29 0.00	27.22 -0.33 0.00	28.29 -0.34 0.00	31.70 -0.03 0.00	37.08 0.15 0.00	42.00 0.42 0.00	40.09 0.59 0.00	32.84 0.58 0.00	32.75 0.74 0.00	31.60 0.77 0.00	31.82 0.99 0.00	32.80 1.17 0.00	37.38 1.47 0.00	40.70 1.57 0.00	45.13 1.10 0.00	51.97 1.07 0.00	48.34 0.95 0.00	44.00 0.82 0.00	42.66 0.84 0.00	39.15 1.21 0.00	36.87 1.04 0.00	34.84 1.11 0.00

FALCON___SEABRD_CC2 323797	27.38 -0.39 0.00	26.58 -0.30 0.00	26.42 -0.29 0.00	27.22 -0.33 0.00	28.29 -0.34 0.00	31.70 -0.03 0.00	37.08 0.15 0.00	42.00 0.42 0.00	40.09 0.59 0.00	32.84 0.58 0.00	32.75 0.74 0.00	31.60 0.77 0.00	31.82 0.99 0.00	32.80 1.17 0.00	37.38 1.47 0.00	40.70 1.57 0.00	45.13 1.10 0.00	51.97 1.07 0.00	48.34 0.95 0.00	44.00 0.82 0.00	42.66 0.84 0.00	39.15 1.21 0.00	36.87 1.04 0.00	34.84 1.11 0.00
FAR ROCKAWAY___4 23548	29.66 1.89 0.00	28.49 1.61 0.00	28.15 1.44 0.00	28.90 1.35 0.00	30.09 1.46 0.00	33.29 1.55 0.00	39.26 2.33 0.00	44.54 2.95 0.00	41.86 2.37 0.00	33.84 1.58 0.00	33.46 1.44 0.00	32.22 1.39 0.00	32.31 1.48 0.00	33.31 1.68 0.00	38.57 2.66 0.00	42.19 3.05 0.00	49.05 3.79 -1.23	55.39 4.48 -0.01	51.90 4.36 -0.14	50.51 3.89 -3.43	45.44 3.60 -0.02	41.07 3.11 -0.02	38.49 2.65 0.00	35.79 2.06 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.10 1.33 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.35 1.86 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.16 1.33 0.00	32.16 1.33 0.00	33.02 1.39 0.00	37.70 1.80 0.00	41.21 2.07 0.00	46.71 2.69 0.00	53.90 3.00 0.00	50.43 3.03 0.00	45.95 2.76 0.00	44.29 2.47 0.00	39.91 1.97 0.00	37.52 1.68 0.00	35.07 1.35 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.10 1.33 0.00	28.12 1.24 0.00	27.86 1.15 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.62 2.04 0.00	41.35 1.86 0.00	33.68 1.42 0.00	33.36 1.34 0.00	32.16 1.33 0.00	32.16 1.33 0.00	33.02 1.39 0.00	37.70 1.80 0.00	41.21 2.07 0.00	46.76 2.73 0.00	53.90 3.00 0.00	50.43 3.03 0.00	45.95 2.76 0.00	44.29 2.47 0.00	39.91 1.97 0.00	37.56 1.72 0.00	35.07 1.35 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.10 1.33 0.00	28.09 1.21 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.31 1.82 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.71 2.69 0.00	53.85 2.95 0.00	50.38 2.99 0.00	45.91 2.72 0.00	44.25 2.43 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.04 1.32 0.00
FARRAGUT___LBMP 323566	29.07 1.31 0.00	28.09 1.21 0.00	27.81 1.10 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.68 0.95 0.00	38.48 1.55 0.00	43.53 1.95 0.00	41.31 1.82 0.00	33.64 1.39 0.00	33.30 1.28 0.00	32.10 1.26 0.00	32.10 1.26 0.00	32.99 1.36 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.80 2.90 0.00	50.33 2.68 0.00	45.86 2.68 0.00	44.21 2.38 0.00	39.87 1.93 0.00	37.48 1.65 0.00	35.04 1.32 0.00
FENNER___WINDPWR 24204	27.99 0.22 0.00	27.12 0.24 0.00	27.00 0.29 0.00	27.85 0.30 0.00	28.95 0.32 0.00	32.21 0.48 0.00	37.49 0.55 0.00	42.20 0.62 0.00	40.09 0.59 0.00	32.71 0.45 0.00	32.46 0.45 0.00	31.20 0.37 0.00	31.17 0.34 0.00	31.95 0.32 0.00	36.31 0.40 0.00	39.52 0.39 0.00	44.42 0.40 0.00	51.36 0.46 0.00	47.77 0.38 0.00	43.49 0.30 0.00	42.20 0.38 0.00	38.20 0.27 0.00	36.09 0.25 0.00	34.06 0.34 0.00
FIBERTEK___ENERGY 23856	27.35 -0.42 0.00	26.48 -0.40 0.00	26.36 -0.35 0.00	27.22 -0.33 0.00	28.26 -0.37 0.00	31.38 -0.35 0.00	36.41 -0.52 0.00	40.87 -0.71 0.00	38.86 -0.63 0.00	31.71 -0.55 0.00	31.50 -0.51 0.00	30.31 -0.52 0.00	30.31 -0.52 0.00	31.03 -0.60 0.00	35.19 -0.72 0.00	38.31 -0.82 0.00	43.06 -0.97 0.00	49.93 -0.97 0.00	46.45 -0.95 0.00	42.32 -0.86 0.00	41.03 -0.79 0.00	37.25 -0.68 0.00	35.19 -0.65 0.00	33.12 -0.61 0.00
FITZPATRICK____ 23598	26.82 -0.94 0.00	25.99 -0.89 0.00	25.83 -0.88 0.00	26.64 -0.91 0.00	27.66 -0.97 0.00	30.71 -1.02 0.00	35.53 -1.40 0.00	39.91 -1.66 0.00	37.91 -1.58 0.00	31.00 -1.26 0.00	30.77 -1.25 0.00	29.63 -1.20 0.00	29.63 -1.20 0.00	30.36 -1.27 0.00	34.40 -1.51 0.00	37.45 -1.68 0.00	42.09 -1.94 0.00	48.71 -2.19 0.00	45.36 -2.04 0.00	41.33 -1.86 0.00	40.11 -1.72 0.00	36.38 -1.56 0.00	34.36 -1.47 0.00	32.37 -1.35 0.00
FLOWRFLD_69_KV_BK1 356044	29.88 2.11 0.00	28.60 1.72 0.00	28.26 1.55 0.00	28.98 1.43 0.00	30.18 1.55 0.00	33.41 1.68 0.00	39.52 2.59 0.00	44.91 3.33 0.00	42.06 2.57 0.00	33.93 1.68 0.00	33.58 1.57 0.00	32.34 1.51 0.00	32.43 1.60 0.00	33.46 1.83 0.00	38.93 3.02 0.00	42.66 3.52 0.00	49.47 4.62 -0.82	56.35 5.45 -0.01	52.74 5.26 -0.09	49.94 4.62 -2.13	46.02 4.18 -0.01	41.47 3.53 -0.01	38.74 2.90 0.00	35.98 2.26 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.35 1.58 0.00	28.36 1.48 0.00	28.07 1.36 0.00	28.93 1.38 0.00	30.09 1.46 0.00	33.10 1.36 0.00	38.89 1.96 0.00	43.87 2.29 0.00	41.63 2.13 0.00	33.84 1.58 0.00	33.46 1.44 0.00	32.19 1.36 0.00	32.19 1.36 0.00	33.12 1.49 0.00	37.78 1.87 0.00	41.32 2.19 0.00	46.93 2.91 0.00	54.16 3.26 0.00	50.62 3.22 0.00	46.12 2.94 0.00	44.42 2.59 0.00	40.02 2.09 0.00	37.77 1.94 0.00	35.34 1.62 0.00
FORT ORANGE____ 23900	28.82 1.05 0.00	27.85 0.97 0.00	27.64 0.93 0.00	28.51 0.96 0.00	29.66 1.03 0.00	32.72 0.98 0.00	38.26 1.33 0.00	43.03 1.45 0.00	40.84 1.34 0.00	33.32 1.06 0.00	32.95 0.93 0.00	31.69 0.86 0.00	31.66 0.83 0.00	32.51 0.88 0.00	36.81 0.90 0.00	40.15 1.02 0.00	45.44 1.41 0.00	52.48 1.58 0.00	48.91 1.52 0.00	44.57 1.38 0.00	42.95 1.13 0.00	39.00 1.06 0.00	36.87 1.04 0.00	34.77 1.05 0.00
FORT_DRUM_COGEN 23780	26.93 -0.83 0.00	26.10 -0.78 0.00	26.02 -0.69 0.00	26.83 -0.72 0.00	27.83 -0.80 0.00	31.06 -0.67 0.00	36.23 -0.70 0.00	41.04 -0.54 0.00	39.06 -0.43 0.00	31.90 -0.35 0.00	31.66 -0.35 0.00	30.46 -0.37 0.00	30.49 -0.34 0.00	31.22 -0.41 0.00	35.59 -0.32 0.00	38.62 -0.51 0.00	43.32 -0.70 0.00	50.14 -0.76 0.00	46.54 -0.85 0.00	42.19 -0.99 0.00	40.95 -0.88 0.00	37.06 -0.87 0.00	35.01 -0.82 0.00	32.95 -0.78 0.00
FOX_HILLS___ESR 323835	49.30 1.61 -19.92	48.74 1.53 -20.33	48.19 1.44 -20.04	48.66 1.41 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.67 1.77 -11.97	52.97 2.16 -9.22	52.50 2.01 -10.99	52.17 1.61 -18.30	51.46 1.54 -17.91	51.40 1.60 -18.97	52.00 1.60 -19.57	52.13 1.61 -18.89	52.08 1.98 -14.19	52.19 2.27 -10.78	136.42 2.91 -89.49	154.27 3.26 -100.11	81.18 3.22 -30.56	53.01 2.94 -6.89	77.00 2.63 -32.54	52.41 2.16 -12.31	52.08 1.90 -14.34	50.34 1.59 -15.03
FPL FAR_ROCK_GT1 24212	29.69 1.91 0.00	28.41 1.53 0.00	28.07 1.36 0.00	28.90 1.35 0.00	30.09 1.46 0.00	33.29 1.55 0.00	39.26 2.33 0.00	44.54 2.95 0.00	41.87 2.37 0.00	33.84 1.58 0.00	33.46 1.44 0.00	32.22 1.39 0.00	32.32 1.48 0.00	33.31 1.68 0.00	38.57 2.66 0.00	42.30 3.17 0.00	49.05 3.79 -1.23	55.39 4.48 -0.01	51.89 4.36 -0.14	50.42 3.80 -3.43	45.36 3.51 -0.02	41.03 3.07 -0.02	38.49 2.65 0.00	35.79 2.06 0.00

FPL FAR_ROCK_GT2 23815	29.69 1.91 0.00	28.41 1.53 0.00	28.07 1.36 0.00	28.90 1.35 0.00	30.09 1.46 0.00	33.29 1.55 0.00	39.26 2.33 0.00	44.54 2.95 0.00	41.87 2.37 0.00	33.84 1.58 0.00	33.46 1.44 0.00	32.22 1.39 0.00	32.32 1.48 0.00	33.31 1.68 0.00	38.57 2.66 0.00	42.30 3.17 0.00	49.05 3.79 -1.23	55.39 4.48 -0.01	51.89 4.36 -0.14	50.42 3.80 -3.43	45.36 3.51 -0.02	41.03 3.07 -0.02	38.49 2.65 0.00	35.79 2.06 0.00
FRANKLIN_FALL_HYD 24054	27.43 -0.33 0.00	26.66 -0.22 0.00	26.50 -0.21 0.00	27.30 -0.25 0.00	28.38 -0.26 0.00	31.79 0.06 0.00	37.11 0.18 0.00	42.08 0.50 0.00	40.13 0.63 0.00	32.84 0.58 0.00	32.72 0.70 0.00	31.54 0.71 0.00	31.73 0.89 0.00	32.67 1.04 0.00	37.24 1.33 0.00	40.54 1.41 0.00	45.22 1.19 0.00	52.12 1.22 0.00	48.48 1.09 0.00	44.14 0.95 0.00	42.87 1.05 0.00	39.00 1.06 0.00	36.73 0.90 0.00	34.77 1.05 0.00
FREEPORT_EQUS_GT1 23764	29.52 1.75 0.00	28.25 1.37 0.00	27.91 1.20 0.00	28.76 1.21 0.00	29.92 1.29 0.00	33.10 1.36 0.00	39.04 2.10 0.00	44.28 2.70 0.00	41.63 2.13 0.00	33.64 1.39 0.00	33.30 1.28 0.00	32.03 1.20 0.00	32.13 1.29 0.00	33.15 1.52 0.00	38.42 2.51 0.00	42.07 2.94 0.00	48.73 3.65 -1.05	55.13 4.22 -0.01	51.63 4.12 -0.12	49.67 3.63 -2.85	45.14 3.30 -0.01	40.87 2.92 -0.01	38.27 2.44 0.00	35.58 1.85 0.00
FREEPORT___CT2 23818	29.52 1.75 0.00	28.25 1.37 0.00	27.91 1.20 0.00	28.76 1.21 0.00	29.92 1.29 0.00	33.10 1.36 0.00	39.04 2.10 0.00	44.28 2.70 0.00	41.63 2.13 0.00	33.64 1.39 0.00	33.30 1.28 0.00	32.03 1.20 0.00	32.13 1.29 0.00	33.15 1.52 0.00	38.42 2.51 0.00	42.07 2.94 0.00	48.73 3.65 -1.05	55.13 4.22 -0.01	51.63 4.12 -0.12	49.67 3.63 -2.85	45.14 3.30 -0.01	40.87 2.92 -0.01	38.27 2.44 0.00	35.58 1.85 0.00
FRESHKLS_33_KV_LOAD 356253	49.35 1.67 -19.92	48.83 1.61 -20.33	48.27 1.52 -20.04	48.75 1.49 -19.71	48.78 1.46 -18.68	48.78 1.27 -15.78	50.67 1.77 -11.97	52.97 2.16 -9.22	52.46 1.97 -10.99	52.14 1.58 -18.30	51.46 1.54 -17.91	51.43 1.63 -18.97	52.00 1.60 -19.57	52.13 1.61 -18.89	52.08 1.98 -14.19	52.19 2.27 -10.78	136.42 2.91 -89.49	154.27 3.26 -100.11	81.18 3.22 -30.56	53.01 2.94 -6.89	76.96 2.59 -32.54	52.41 2.16 -12.31	52.08 1.90 -14.34	50.38 1.62 -15.03
FULTON COGEN____ 23766	27.04 -0.72 0.00	26.18 -0.70 0.00	26.04 -0.67 0.00	26.89 -0.66 0.00	27.92 -0.72 0.00	31.00 -0.73 0.00	35.90 -1.03 0.00	40.33 -1.25 0.00	38.31 -1.18 0.00	31.32 -0.94 0.00	31.09 -0.93 0.00	29.94 -0.89 0.00	29.94 -0.89 0.00	30.65 -0.98 0.00	34.72 -1.19 0.00	37.84 -1.29 0.00	42.53 -1.50 0.00	49.27 -1.63 0.00	45.83 -1.56 0.00	41.76 -1.43 0.00	40.49 -1.34 0.00	36.76 -1.18 0.00	34.72 -1.11 0.00	32.65 -1.08 0.00
FULTON___LFGE 323630	29.18 1.42 0.00	28.17 1.29 0.00	27.99 1.28 0.00	28.93 1.38 0.00	30.09 1.46 0.00	33.41 1.68 0.00	39.07 2.14 0.00	44.07 2.49 0.00	41.63 2.13 0.00	33.58 1.32 0.00	33.11 1.09 0.00	31.69 0.86 0.00	31.79 0.96 0.00	32.64 1.01 0.00	37.09 1.18 0.00	41.01 1.88 0.00	46.67 2.64 0.00	54.06 3.16 0.00	50.38 2.99 0.00	45.87 2.68 0.00	44.33 2.51 0.00	40.25 2.31 0.00	37.84 2.01 0.00	35.51 1.79 0.00
G.F.CEMENT___DRP 24184	28.79 1.03 0.00	27.77 0.89 0.00	27.59 0.88 0.00	28.49 0.94 0.00	29.64 1.00 0.00	32.81 1.08 0.00	38.41 1.48 0.00	43.33 1.75 0.00	41.04 1.54 0.00	33.35 1.10 0.00	33.01 0.99 0.00	31.73 0.89 0.00	31.76 0.92 0.00	32.61 0.98 0.00	37.02 1.11 0.00	40.66 1.53 0.00	46.14 2.11 0.00	53.34 2.44 0.00	49.72 2.32 0.00	45.22 2.03 0.00	43.71 1.88 0.00	39.49 1.56 0.00	37.20 1.36 0.00	34.90 1.18 0.00
GARDENVILLE___LBMP 24039	26.13 -1.64 0.00	25.40 -1.48 0.00	25.48 -1.23 0.00	26.31 -1.24 0.00	27.43 -1.20 0.00	30.84 -0.89 0.00	35.27 -1.66 0.00	39.17 -2.41 0.00	37.48 -2.01 0.00	30.97 -1.29 0.00	30.86 -1.15 0.00	29.57 -1.26 0.00	29.44 -1.39 0.00	30.08 -1.55 0.00	33.58 -2.33 0.00	36.16 -2.97 0.00	39.85 -4.18 0.00	46.52 -4.38 0.00	43.03 -4.36 0.00	39.30 -3.89 0.00	38.69 -3.14 0.00	35.58 -2.35 0.00	34.01 -1.83 0.00	32.51 -1.21 0.00
GARDNVLA_35_KV_LD 355827	26.24 -1.53 0.00	25.51 -1.37 0.00	25.59 -1.12 0.00	26.42 -1.13 0.00	27.55 -1.09 0.00	30.97 -0.76 0.00	35.45 -1.48 0.00	39.33 -2.25 0.00	37.64 -1.86 0.00	31.13 -1.13 0.00	30.99 -1.02 0.00	29.69 -1.14 0.00	29.60 -1.23 0.00	30.24 -1.39 0.00	33.75 -2.15 0.00	36.35 -2.78 0.00	40.07 -3.96 0.00	46.78 -4.12 0.00	43.22 -4.17 0.00	39.52 -3.67 0.00	38.90 -2.93 0.00	35.74 -2.20 0.00	34.19 -1.65 0.00	32.68 -1.05 0.00
GELCKHM___115KV_LOAD 80723	27.21 -0.56 0.00	26.34 -0.54 0.00	26.20 -0.51 0.00	27.03 -0.52 0.00	28.09 -0.54 0.00	31.19 -0.54 0.00	36.15 -0.78 0.00	40.58 -1.00 0.00	38.59 -0.91 0.00	31.52 -0.74 0.00	31.28 -0.74 0.00	30.12 -0.71 0.00	30.12 -0.71 0.00	30.84 -0.79 0.00	34.98 -0.93 0.00	38.08 -1.06 0.00	42.80 -1.23 0.00	49.58 -1.32 0.00	46.11 -1.28 0.00	42.02 -1.17 0.00	40.74 -1.09 0.00	36.99 -0.95 0.00	34.98 -0.86 0.00	32.92 -0.81 0.00
GENERAL___MILLS 23808	26.18 -1.58 0.00	25.48 -1.40 0.00	25.53 -1.18 0.00	26.37 -1.18 0.00	27.52 -1.12 0.00	30.94 -0.79 0.00	35.38 -1.55 0.00	39.25 -2.33 0.00	37.60 -1.90 0.00	31.06 -1.19 0.00	30.96 -1.06 0.00	29.66 -1.17 0.00	29.57 -1.26 0.00	30.17 -1.45 0.00	33.72 -2.19 0.00	36.28 -2.86 0.00	39.98 -4.05 0.00	46.67 -4.22 0.00	43.18 -4.22 0.00	39.43 -3.76 0.00	38.81 -3.01 0.00	35.70 -2.24 0.00	34.12 -1.72 0.00	32.61 -1.11 0.00
GE_PLASTICS___DRP 24183	28.63 0.86 0.00	27.69 0.81 0.00	27.46 0.75 0.00	28.32 0.77 0.00	29.46 0.83 0.00	32.49 0.76 0.00	37.96 1.03 0.00	42.70 1.12 0.00	40.52 1.03 0.00	33.10 0.84 0.00	32.75 0.74 0.00	31.54 0.71 0.00	31.48 0.65 0.00	32.32 0.70 0.00	36.63 0.72 0.00	39.99 0.86 0.00	45.17 1.14 0.00	52.17 1.27 0.00	48.63 1.23 0.00	44.35 1.17 0.00	42.83 1.00 0.00	38.81 0.87 0.00	36.70 0.86 0.00	34.53 0.81 0.00
GILBOA___1 23756	28.43 0.67 0.00	27.50 0.62 0.00	27.30 0.59 0.00	28.16 0.61 0.00	29.26 0.63 0.00	32.30 0.57 0.00	37.74 0.81 0.00	42.54 0.96 0.00	40.36 0.87 0.00	32.94 0.68 0.00	32.62 0.61 0.00	31.42 0.58 0.00	31.39 0.56 0.00	32.23 0.60 0.00	36.59 0.68 0.00	39.96 0.82 0.00	45.13 1.10 0.00	52.12 1.22 0.00	48.62 1.23 0.00	44.31 1.12 0.00	42.79 0.96 0.00	38.77 0.83 0.00	36.62 0.79 0.00	34.36 0.64 0.00
GILBOA___2 23757	28.43 0.67 0.00	27.50 0.62 0.00	27.30 0.59 0.00	28.16 0.61 0.00	29.26 0.63 0.00	32.30 0.57 0.00	37.74 0.81 0.00	42.54 0.96 0.00	40.36 0.87 0.00	32.94 0.68 0.00	32.62 0.61 0.00	31.42 0.58 0.00	31.39 0.56 0.00	32.23 0.60 0.00	36.59 0.68 0.00	39.96 0.82 0.00	45.13 1.10 0.00	52.12 1.22 0.00	48.62 1.23 0.00	44.31 1.12 0.00	42.79 0.96 0.00	38.77 0.83 0.00	36.62 0.79 0.00	34.36 0.64 0.00

GILBOA___3 23758	28.43 0.67 0.00	27.50 0.62 0.00	27.30 0.59 0.00	28.16 0.61 0.00	29.26 0.63 0.00	32.30 0.57 0.00	37.74 0.81 0.00	42.54 0.96 0.00	40.36 0.87 0.00	32.94 0.68 0.00	32.62 0.61 0.00	31.42 0.58 0.00	31.39 0.56 0.00	32.23 0.60 0.00	36.59 0.68 0.00	39.96 0.82 0.00	45.13 1.10 0.00	52.12 1.22 0.00	48.62 1.23 0.00	44.31 1.12 0.00	42.79 0.96 0.00	38.77 0.83 0.00	36.62 0.79 0.00	34.36 0.64 0.00
GILBOA___4 23759	28.43 0.67 0.00	27.50 0.62 0.00	27.30 0.59 0.00	28.16 0.61 0.00	29.26 0.63 0.00	32.30 0.57 0.00	37.74 0.81 0.00	42.54 0.96 0.00	40.36 0.87 0.00	32.94 0.68 0.00	32.62 0.61 0.00	31.42 0.58 0.00	31.39 0.56 0.00	32.23 0.60 0.00	36.59 0.68 0.00	39.96 0.82 0.00	45.13 1.10 0.00	52.12 1.22 0.00	48.62 1.23 0.00	44.31 1.12 0.00	42.79 0.96 0.00	38.77 0.83 0.00	36.62 0.79 0.00	34.36 0.64 0.00
GILBOA___ 23599	28.43 0.67 0.00	27.50 0.62 0.00	27.30 0.59 0.00	28.16 0.61 0.00	29.26 0.63 0.00	32.33 0.60 0.00	37.74 0.81 0.00	42.54 0.96 0.00	40.36 0.87 0.00	32.93 0.68 0.00	32.66 0.64 0.00	31.42 0.59 0.00	31.39 0.55 0.00	32.23 0.60 0.00	36.59 0.68 0.00	39.96 0.82 0.00	45.13 1.10 0.00	52.12 1.22 0.00	48.63 1.23 0.00	44.31 1.12 0.00	42.83 1.00 0.00	38.77 0.83 0.00	36.62 0.79 0.00	34.37 0.64 0.00
GINNA___ 23603	25.52 -2.25 0.00	24.84 -2.04 0.00	24.68 -2.03 0.00	25.46 -2.09 0.00	26.40 -2.23 0.00	29.57 -2.16 0.00	34.16 -2.77 0.00	38.21 -3.37 0.00	36.37 -3.12 0.00	29.90 -2.35 0.00	29.77 -2.24 0.00	28.61 -2.22 0.00	28.58 -2.25 0.00	29.19 -2.43 0.00	32.97 -2.94 0.00	35.73 -3.40 0.00	39.80 -4.23 0.00	46.32 -4.58 0.00	42.94 -4.46 0.00	39.17 -4.02 0.00	38.52 -3.31 0.00	34.83 -3.11 0.00	33.00 -2.83 0.00	31.23 -2.50 0.00
GLEN PARK___ 23778	27.04 -0.72 0.00	26.23 -0.65 0.00	26.12 -0.59 0.00	26.94 -0.61 0.00	27.95 -0.69 0.00	31.26 -0.48 0.00	36.45 -0.48 0.00	41.29 -0.29 0.00	39.26 -0.24 0.00	32.03 -0.22 0.00	31.79 -0.22 0.00	30.58 -0.25 0.00	30.58 -0.25 0.00	31.31 -0.32 0.00	35.73 -0.18 0.00	38.82 -0.31 0.00	43.55 -0.48 0.00	50.39 -0.51 0.00	46.78 -0.62 0.00	42.41 -0.78 0.00	41.20 -0.63 0.00	37.25 -0.68 0.00	35.19 -0.64 0.00	33.08 -0.64 0.00
GLENDALE_27_KV_LOAD 356172	29.27 1.50 0.00	28.25 1.37 0.00	27.99 1.28 0.00	28.82 1.27 0.00	29.95 1.32 0.00	32.87 1.14 0.00	38.70 1.77 0.00	43.78 2.20 0.00	41.55 2.05 0.00	33.90 1.65 0.00	33.55 1.54 0.00	32.37 1.54 0.00	32.37 1.54 0.00	33.24 1.61 0.00	37.92 2.01 0.00	41.40 2.27 0.00	46.98 2.95 0.00	54.16 3.26 0.00	50.66 3.27 0.00	46.12 2.94 0.00	44.46 2.63 0.00	40.10 2.16 0.00	37.70 1.86 0.00	35.24 1.52 0.00
GLENWOOD_IC_1_G5 23712	29.35 1.58 0.00	28.25 1.37 0.00	27.94 1.23 0.00	28.73 1.18 0.00	29.89 1.26 0.00	32.97 1.24 0.00	38.85 1.92 0.00	43.99 2.41 0.00	41.51 2.01 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.10 1.26 0.00	32.13 1.29 0.00	33.08 1.45 0.00	38.10 2.19 0.00	41.64 2.50 0.00	48.58 3.21 -1.34	54.22 3.31 -0.02	50.82 3.27 -0.15	50.01 3.15 -3.67	44.81 2.97 -0.02	40.46 2.50 -0.02	37.99 2.15 0.00	35.41 1.69 0.00
GLENWOOD_IC_2_G1 23688	29.21 1.44 0.00	28.09 1.21 0.00	27.83 1.12 0.00	28.68 1.13 0.00	29.84 1.20 0.00	32.84 1.11 0.00	38.67 1.74 0.00	43.78 2.20 0.00	41.35 1.86 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.03 1.20 0.00	32.07 1.23 0.00	32.99 1.36 0.00	37.85 1.94 0.00	41.40 2.27 0.00	46.99 2.91 -0.06	54.16 3.26 0.00	50.62 3.22 -0.01	46.28 2.94 -0.16	44.42 2.59 0.00	40.14 2.20 0.00	37.73 1.90 0.00	35.21 1.48 0.00
GLENWOOD_IC_3_G1 23689	29.21 1.44 0.00	28.09 1.21 0.00	27.83 1.12 0.00	28.68 1.13 0.00	29.84 1.20 0.00	32.84 1.11 0.00	38.67 1.74 0.00	43.78 2.20 0.00	41.35 1.86 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.03 1.20 0.00	32.07 1.23 0.00	32.99 1.36 0.00	37.85 1.94 0.00	41.40 2.27 0.00	46.99 2.91 -0.06	54.16 3.26 0.00	50.62 3.22 -0.01	46.28 2.94 -0.16	44.42 2.59 0.00	40.14 2.20 0.00	37.73 1.90 0.00	35.21 1.48 0.00
GLENWOOD___4 23550	29.35 1.58 0.00	28.25 1.37 0.00	27.94 1.23 0.00	28.73 1.18 0.00	29.89 1.26 0.00	32.97 1.24 0.00	38.85 1.92 0.00	43.99 2.41 0.00	41.51 2.01 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.10 1.26 0.00	32.13 1.29 0.00	33.08 1.45 0.00	38.10 2.19 0.00	41.64 2.50 0.00	48.58 3.21 -1.34	54.38 3.46 -0.02	50.96 3.41 -0.15	50.06 3.20 -3.67	44.81 2.97 -0.02	40.46 2.50 -0.02	37.99 2.15 0.00	35.41 1.69 0.00
GLENWOOD___5 23614	29.35 1.58 0.00	28.25 1.37 0.00	27.94 1.23 0.00	28.73 1.18 0.00	29.89 1.26 0.00	32.97 1.24 0.00	38.85 1.92 0.00	43.99 2.41 0.00	41.51 2.01 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.10 1.26 0.00	32.13 1.29 0.00	33.08 1.45 0.00	38.10 2.19 0.00	41.64 2.50 0.00	48.58 3.21 -1.34	54.38 3.46 -0.02	50.96 3.41 -0.15	50.06 3.20 -3.67	44.81 2.97 -0.02	40.46 2.50 -0.02	37.99 2.15 0.00	35.41 1.69 0.00
GLOBAL GREEN_PORT_GT1 23814	29.93 2.17 0.00	28.60 1.72 0.00	28.20 1.49 0.00	29.09 1.54 0.00	30.41 1.78 0.00	33.86 2.13 0.00	40.14 3.21 0.00	45.86 4.28 0.00	43.13 3.63 0.00	34.68 2.42 0.00	34.29 2.27 0.00	33.05 2.22 0.00	33.14 2.31 0.00	34.19 2.56 0.00	39.86 3.95 0.00	43.83 4.69 0.00	50.70 5.86 -0.81	57.88 6.97 -0.01	53.98 6.49 -0.09	50.57 5.27 -2.12	46.48 4.64 -0.01	41.78 3.83 -0.01	38.85 3.01 0.00	36.15 2.43 0.00
GLOBE___DSASP 323697	25.35 -2.42 0.00	24.65 -2.23 0.00	24.68 -2.03 0.00	25.46 -2.09 0.00	26.49 -2.15 0.00	29.73 -2.00 0.00	33.87 -3.07 0.00	37.46 -4.12 0.00	35.86 -3.63 0.00	29.74 -2.52 0.00	29.68 -2.34 0.00	28.49 -2.34 0.00	28.40 -2.44 0.00	28.97 -2.66 0.00	32.28 -3.63 0.00	34.71 -4.42 0.00	38.09 -5.94 0.00	44.54 -6.36 0.00	41.09 -6.30 0.00	37.57 -5.61 0.00	37.06 -4.77 0.00	34.14 -3.79 0.00	32.72 -3.12 0.00	31.30 -2.43 0.00
GOETHSLN___LBMP 323567	28.15 1.11 0.73	27.93 1.05 0.00	27.67 0.96 0.00	27.82 0.88 0.61	28.84 0.92 0.71	31.88 0.73 0.58	37.78 1.29 0.44	42.95 1.70 0.34	40.63 1.54 0.40	32.74 1.16 0.68	32.41 1.06 0.66	31.91 1.08 0.00	31.91 1.08 0.00	32.07 1.14 0.70	36.89 1.51 0.52	40.50 1.76 0.40	43.07 2.38 3.34	49.71 2.54 3.73	48.91 2.65 1.13	45.36 2.42 0.25	42.75 2.13 1.21	39.15 1.67 0.45	36.74 1.43 0.53	34.25 1.08 0.55
GOLAH___69_KV_TB 1_2 80279	26.60 -1.17 0.00	25.83 -1.05 0.00	25.75 -0.96 0.00	26.59 -0.96 0.00	27.57 -1.06 0.00	30.91 -0.82 0.00	35.56 -1.37 0.00	39.50 -2.08 0.00	37.68 -1.82 0.00	31.00 -1.26 0.00	30.90 -1.12 0.00	29.69 -1.14 0.00	29.63 -1.20 0.00	30.21 -1.42 0.00	33.90 -2.01 0.00	36.71 -2.43 0.00	40.81 -3.21 0.00	47.49 -3.41 0.00	44.08 -3.32 0.00	40.25 -2.94 0.00	39.23 -2.59 0.00	35.89 -2.05 0.00	34.08 -1.76 0.00	32.41 -1.32 0.00

GOODYEAR_LAKE_HYD 323669	28.52 0.75 0.00	27.61 0.73 0.00	27.46 0.75 0.00	28.32 0.77 0.00	29.41 0.77 0.00	32.68 0.95 0.00	38.15 1.22 0.00	43.12 1.54 0.00	40.88 1.38 0.00	33.19 0.94 0.00	32.88 0.86 0.00	31.57 0.74 0.00	31.57 0.74 0.00	32.32 0.70 0.00	36.81 0.90 0.00	40.27 1.13 0.00	45.57 1.54 0.00	52.73 1.83 0.00	49.10 1.71 0.00	44.70 1.51 0.00	43.25 1.42 0.00	39.15 1.21 0.00	36.95 1.11 0.00	34.67 0.94 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.60 -0.17 0.00	26.75 -0.13 0.00	26.63 -0.08 0.00	27.47 -0.08 0.00	28.58 -0.06 0.00	31.79 0.06 0.00	36.89 -0.04 0.00	41.37 -0.21 0.00	39.34 -0.16 0.00	32.16 -0.10 0.00	31.92 -0.10 0.00	30.68 -0.15 0.00	30.65 -0.18 0.00	31.38 -0.25 0.00	35.55 -0.36 0.00	38.70 -0.43 0.00	43.46 -0.57 0.00	50.34 -0.56 0.00	46.82 -0.57 0.00	42.67 -0.52 0.00	41.45 -0.38 0.00	37.63 -0.30 0.00	35.62 -0.22 0.00	33.62 -0.10 0.00
GOUDEY___7 23579	27.60 -0.17 0.00	26.75 -0.13 0.00	26.63 -0.08 0.00	27.47 -0.08 0.00	28.58 -0.06 0.00	31.79 0.06 0.00	36.89 -0.04 0.00	41.37 -0.21 0.00	39.34 -0.16 0.00	32.16 -0.10 0.00	31.92 -0.10 0.00	30.68 -0.15 0.00	30.65 -0.18 0.00	31.38 -0.25 0.00	35.55 -0.36 0.00	38.70 -0.43 0.00	43.46 -0.57 0.00	50.34 -0.56 0.00	46.82 -0.57 0.00	42.67 -0.52 0.00	41.45 -0.38 0.00	37.63 -0.30 0.00	35.62 -0.22 0.00	33.62 -0.10 0.00
GOUDEY___8 23580	27.60 -0.17 0.00	26.75 -0.13 0.00	26.63 -0.08 0.00	27.47 -0.08 0.00	28.58 -0.06 0.00	31.79 0.06 0.00	36.89 -0.04 0.00	41.37 -0.21 0.00	39.34 -0.16 0.00	32.16 -0.10 0.00	31.92 -0.10 0.00	30.68 -0.15 0.00	30.65 -0.18 0.00	31.38 -0.25 0.00	35.55 -0.36 0.00	38.70 -0.43 0.00	43.46 -0.57 0.00	50.34 -0.56 0.00	46.82 -0.57 0.00	42.67 -0.52 0.00	41.45 -0.38 0.00	37.63 -0.30 0.00	35.62 -0.22 0.00	33.62 -0.10 0.00
GOWANUS_GT1_1 24077	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GOWANUS_GT1_2 24078	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GOWANUS_GT1_3 24079	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GOWANUS_GT1_4 24080	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GOWANUS_GT1_5 24084	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GOWANUS_GT1_6 24111	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GOWANUS_GT1_7 24112	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GOWANUS_GT1_8 24113	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GOWANUS_GT2_1 24114	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
GOWANUS_GT2_2 24115	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
GOWANUS_GT2_3 24116	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03

GOWANUS_GT2_4 24117	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
GOWANUS_GT2_5 24118	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
GOWANUS_GT2_6 24119	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
GOWANUS_GT2_7 24120	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
GOWANUS_GT2_8 24121	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
GOWANUS_GT3_1 24122	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
GOWANUS_GT3_2 24123	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
GOWANUS_GT3_3 24124	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
GOWANUS_GT3_4 24125	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
GOWANUS_GT3_5 24126	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
GOWANUS_GT3_6 24127	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
GOWANUS_GT3_7 24128	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
GOWANUS_GT3_8 24129	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
GOWANUS_GT4_1 24130	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GOWANUS_GT4_2 24131	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03

GOWANUS_GT4_3 24132	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GOWANUS_GT4_4 24133	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GOWANUS_GT4_5 24134	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GOWANUS_GT4_6 24135	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GOWANUS_GT4_7 24136	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GOWANUS_GT4_8 24137	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GREENBSH_115KV_TB3 55895	28.68 0.92 0.00	27.74 0.86 0.00	27.51 0.80 0.00	28.38 0.83 0.00	29.52 0.89 0.00	32.56 0.82 0.00	38.04 1.11 0.00	42.79 1.21 0.00	40.60 1.11 0.00	33.16 0.90 0.00	32.78 0.77 0.00	31.57 0.74 0.00	31.51 0.68 0.00	32.36 0.73 0.00	36.63 0.72 0.00	39.96 0.82 0.00	45.13 1.10 0.00	52.12 1.22 0.00	48.58 1.18 0.00	44.31 1.12 0.00	42.79 0.96 0.00	38.77 0.83 0.00	36.70 0.86 0.00	34.60 0.88 0.00
GREENIDGE_115KV_TB5 80291	27.10 -0.67 0.00	26.32 -0.56 0.00	26.26 -0.45 0.00	27.14 -0.41 0.00	28.26 -0.37 0.00	31.64 -0.10 0.00	36.67 -0.26 0.00	41.04 -0.54 0.00	39.06 -0.43 0.00	31.97 -0.29 0.00	31.73 -0.29 0.00	30.46 -0.37 0.00	30.37 -0.46 0.00	31.06 -0.57 0.00	35.08 -0.83 0.00	38.08 -1.06 0.00	42.53 -1.50 0.00	49.07 -1.83 0.00	45.55 -1.85 0.00	41.85 -1.34 0.00	40.78 -1.05 0.00	37.14 -0.80 0.00	35.26 -0.57 0.00	33.39 -0.34 0.00
GREENIDGE___3 23582	27.10 -0.67 0.00	26.32 -0.56 0.00	26.26 -0.45 0.00	27.14 -0.41 0.00	28.26 -0.37 0.00	31.64 -0.10 0.00	36.67 -0.26 0.00	41.04 -0.54 0.00	39.06 -0.43 0.00	31.97 -0.29 0.00	31.73 -0.29 0.00	30.46 -0.37 0.00	30.37 -0.46 0.00	31.06 -0.57 0.00	35.08 -0.83 0.00	38.08 -1.06 0.00	42.53 -1.50 0.00	49.07 -1.83 0.00	45.55 -1.85 0.00	41.85 -1.34 0.00	40.78 -1.05 0.00	37.14 -0.80 0.00	35.26 -0.57 0.00	33.39 -0.34 0.00
GREENIDGE___4 23583	27.10 -0.67 0.00	26.37 -0.51 0.00	26.28 -0.43 0.00	27.14 -0.41 0.00	28.26 -0.37 0.00	31.67 -0.06 0.00	36.67 -0.26 0.00	41.04 -0.54 0.00	39.06 -0.43 0.00	31.97 -0.29 0.00	31.73 -0.29 0.00	30.46 -0.37 0.00	30.37 -0.46 0.00	31.06 -0.57 0.00	35.08 -0.82 0.00	38.08 -1.05 0.00	42.53 -1.50 0.00	49.12 -1.78 0.00	45.54 -1.85 0.00	41.85 -1.34 0.00	41.03 -0.80 0.00	37.18 -0.76 0.00	35.26 -0.57 0.00	33.42 -0.30 0.00
GREENLWN_69_KV_BK 3 55738	29.35 1.58 0.00	28.14 1.26 0.00	27.81 1.10 0.00	28.54 0.99 0.00	29.72 1.09 0.00	32.87 1.14 0.00	38.81 1.88 0.00	43.99 2.41 0.00	40.96 1.46 0.00	33.10 0.84 0.00	32.75 0.74 0.00	31.54 0.71 0.00	31.60 0.77 0.00	32.61 0.98 0.00	38.17 2.26 0.00	41.76 2.62 0.00	48.21 3.35 -0.83	54.52 3.61 -0.01	51.04 3.55 -0.09	48.86 3.50 -2.17	45.01 3.18 -0.01	40.64 2.69 -0.01	38.06 2.22 0.00	35.34 1.62 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03
GRISSOM___SOLAR 323813	29.15 1.39 0.00	28.14 1.26 0.00	27.97 1.26 0.00	28.90 1.35 0.00	30.06 1.43 0.00	33.32 1.59 0.00	39.00 2.07 0.00	43.95 2.37 0.00	41.55 2.05 0.00	33.58 1.32 0.00	33.14 1.12 0.00	31.76 0.92 0.00	31.82 0.99 0.00	32.67 1.04 0.00	37.13 1.22 0.00	40.97 1.84 0.00	46.58 2.55 0.00	53.95 3.05 0.00	50.28 2.89 0.00	45.78 2.59 0.00	44.25 2.42 0.00	40.14 2.20 0.00	37.77 1.93 0.00	35.44 1.72 0.00
GROVEVILLE___HYD 323602	29.35 1.58 0.00	28.36 1.48 0.00	28.07 1.36 0.00	28.93 1.38 0.00	30.09 1.46 0.00	33.10 1.36 0.00	38.89 1.96 0.00	43.87 2.29 0.00	41.63 2.13 0.00	33.84 1.58 0.00	33.46 1.44 0.00	32.19 1.36 0.00	32.19 1.36 0.00	33.12 1.49 0.00	37.78 1.87 0.00	41.32 2.19 0.00	46.93 2.91 0.00	54.16 3.26 0.00	50.62 3.22 0.00	46.12 2.94 0.00	44.42 2.59 0.00	40.02 2.09 0.00	37.77 1.94 0.00	35.34 1.62 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.35 -0.42 0.00	26.48 -0.40 0.00	26.36 -0.35 0.00	27.22 -0.33 0.00	28.26 -0.37 0.00	31.38 -0.35 0.00	36.41 -0.52 0.00	40.87 -0.71 0.00	38.86 -0.63 0.00	31.71 -0.55 0.00	31.50 -0.51 0.00	30.31 -0.52 0.00	30.31 -0.52 0.00	31.03 -0.60 0.00	35.19 -0.72 0.00	38.31 -0.82 0.00	43.06 -0.97 0.00	49.93 -0.97 0.00	46.45 -0.95 0.00	42.32 -0.86 0.00	41.03 -0.79 0.00	37.25 -0.68 0.00	35.19 -0.65 0.00	33.12 -0.61 0.00

HAMLTNNY_34_KV_TB 80303	27.32 -0.44 0.00	26.45 -0.43 0.00	26.34 -0.37 0.00	27.19 -0.36 0.00	28.23 -0.40 0.00	31.38 -0.35 0.00	36.38 -0.55 0.00	40.83 -0.75 0.00	38.82 -0.67 0.00	31.68 -0.58 0.00	31.47 -0.54 0.00	30.28 -0.55 0.00	30.25 -0.59 0.00	31.00 -0.63 0.00	35.16 -0.75 0.00	38.23 -0.90 0.00	42.97 -1.06 0.00	49.83 -1.07 0.00	46.35 -1.04 0.00	42.24 -0.95 0.00	40.99 -0.84 0.00	37.22 -0.72 0.00	35.19 -0.65 0.00	33.12 -0.61 0.00
HAMPSHIRE___PAPER_HYD 323593	26.91 -0.86 0.00	26.10 -0.78 0.00	25.96 -0.75 0.00	26.78 -0.77 0.00	27.80 -0.83 0.00	31.00 -0.73 0.00	36.12 -0.81 0.00	40.91 -0.67 0.00	38.94 -0.55 0.00	31.84 -0.42 0.00	31.60 -0.42 0.00	30.43 -0.40 0.00	30.49 -0.34 0.00	31.28 -0.35 0.00	35.66 -0.25 0.00	38.70 -0.43 0.00	43.19 -0.84 0.00	49.83 -1.07 0.00	46.31 -1.09 0.00	42.11 -1.08 0.00	40.99 -0.84 0.00	37.14 -0.80 0.00	35.15 -0.68 0.00	33.22 -0.50 0.00
HARDSCRABBLE_WT_PWR 323673	28.04 0.28 0.00	27.15 0.27 0.00	27.03 0.32 0.00	27.91 0.36 0.00	29.06 0.43 0.00	32.33 0.60 0.00	37.71 0.78 0.00	42.66 1.08 0.00	40.64 1.15 0.00	33.26 1.00 0.00	33.11 1.09 0.00	31.91 1.08 0.00	31.88 1.05 0.00	32.61 0.98 0.00	36.95 1.04 0.00	40.07 0.94 0.00	44.73 0.70 0.00	51.46 0.56 0.00	47.77 0.38 0.00	43.45 0.26 0.00	41.99 0.17 0.00	38.17 0.23 0.00	36.09 0.25 0.00	33.93 0.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.93 1.17 0.00	27.95 1.08 0.00	27.67 0.96 0.00	28.54 0.99 0.00	29.66 1.03 0.00	32.65 0.92 0.00	38.33 1.40 0.00	43.28 1.70 0.00	41.04 1.54 0.00	33.39 1.13 0.00	33.04 1.02 0.00	31.82 0.99 0.00	31.82 0.99 0.00	32.74 1.11 0.00	37.35 1.44 0.00	40.82 1.68 0.00	46.41 2.38 0.00	53.55 2.65 0.00	50.05 2.65 0.00	45.60 2.42 0.00	43.96 2.13 0.00	39.64 1.71 0.00	37.38 1.54 0.00	34.97 1.25 0.00
HARSNRAD_115KV_TB1 81005	25.77 -2.00 0.00	25.05 -1.83 0.00	25.08 -1.63 0.00	25.87 -1.68 0.00	26.94 -1.69 0.00	30.27 -1.46 0.00	34.57 -2.36 0.00	38.29 -3.28 0.00	36.65 -2.84 0.00	30.35 -1.90 0.00	30.29 -1.73 0.00	29.04 -1.79 0.00	28.92 -1.91 0.00	29.54 -2.09 0.00	32.93 -2.98 0.00	35.45 -3.68 0.00	38.97 -5.06 0.00	45.55 -5.34 0.00	42.09 -5.31 0.00	38.44 -4.75 0.00	37.89 -3.93 0.00	34.86 -3.07 0.00	33.36 -2.47 0.00	31.90 -1.82 0.00
HARZA MOOSE___RIVER 24016	27.57 -0.19 0.00	26.72 -0.16 0.00	26.58 -0.13 0.00	27.44 -0.11 0.00	28.46 -0.17 0.00	31.73 0.00 0.00	37.04 0.11 0.00	41.91 0.33 0.00	39.85 0.36 0.00	32.58 0.32 0.00	32.34 0.32 0.00	31.11 0.28 0.00	31.11 0.28 0.00	31.88 0.25 0.00	36.30 0.39 0.00	39.37 0.23 0.00	44.21 0.18 0.00	51.10 0.20 0.00	47.44 0.05 0.00	43.06 -0.13 0.00	41.78 -0.04 0.00	37.82 -0.11 0.00	35.73 -0.11 0.00	33.62 -0.10 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	27.21 -0.56 0.00	26.34 -0.54 0.00	26.20 -0.51 0.00	27.05 -0.50 0.00	28.12 -0.52 0.00	31.22 -0.51 0.00	36.15 -0.78 0.00	40.62 -0.96 0.00	38.59 -0.91 0.00	31.55 -0.71 0.00	31.31 -0.70 0.00	30.15 -0.68 0.00	30.12 -0.71 0.00	30.87 -0.76 0.00	34.98 -0.93 0.00	38.08 -1.06 0.00	42.80 -1.23 0.00	49.58 -1.32 0.00	46.11 -1.28 0.00	42.02 -1.17 0.00	40.78 -1.05 0.00	37.03 -0.91 0.00	34.98 -0.86 0.00	32.92 -0.81 0.00
HELLGATE_13_KV_LD 55870	29.15 1.39 0.00	28.14 1.26 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.71 0.98 0.00	38.48 1.55 0.00	43.53 1.95 0.00	41.31 1.82 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.19 1.36 0.00	32.19 1.36 0.00	33.05 1.42 0.00	37.70 1.80 0.00	41.17 2.03 0.00	46.71 2.69 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.86 2.68 0.00	44.21 2.38 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.15 1.39 0.00	28.14 1.26 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.71 0.98 0.00	38.48 1.55 0.00	43.53 1.95 0.00	41.31 1.82 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.19 1.36 0.00	32.19 1.36 0.00	33.05 1.42 0.00	37.70 1.80 0.00	41.17 2.03 0.00	46.71 2.69 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.86 2.68 0.00	44.21 2.38 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
HEMPSTEAD____ 23647	29.29 1.53 0.00	28.09 1.21 0.00	27.75 1.04 0.00	28.60 1.05 0.00	29.78 1.15 0.00	32.87 1.14 0.00	38.78 1.85 0.00	43.95 2.37 0.00	41.35 1.86 0.00	33.48 1.23 0.00	33.11 1.09 0.00	31.88 1.05 0.00	31.94 1.11 0.00	32.93 1.30 0.00	38.10 2.19 0.00	41.72 2.58 0.00	48.40 3.21 -1.16	54.53 3.61 -0.01	51.08 3.56 -0.13	49.55 3.20 -3.17	44.72 2.88 -0.01	40.49 2.54 -0.01	37.95 2.11 0.00	35.31 1.59 0.00
HEWLETT_69_KV_BK3 55828	29.55 1.78 0.00	28.36 1.48 0.00	28.05 1.34 0.00	28.82 1.27 0.00	29.98 1.35 0.00	33.13 1.40 0.00	39.11 2.18 0.00	44.33 2.74 0.00	41.67 2.17 0.00	33.71 1.45 0.00	33.33 1.31 0.00	32.10 1.26 0.00	32.19 1.36 0.00	33.18 1.55 0.00	38.43 2.51 0.00	42.03 2.90 -1.23	48.83 3.57 -0.01	55.14 4.22 -0.14	51.61 4.08 -3.43	50.29 3.67 -0.02	45.27 3.43 -0.02	40.88 2.92 0.00	38.31 2.47 0.00	35.62 1.89 0.00
HICKLING___1 23621	27.21 -0.56 0.00	26.42 -0.46 0.00	26.39 -0.32 0.00	27.27 -0.28 0.00	28.40 -0.23 0.00	31.79 0.06 0.00	36.78 -0.15 0.00	41.04 -0.54 0.00	39.10 -0.39 0.00	32.03 -0.23 0.00	31.79 -0.22 0.00	30.49 -0.34 0.00	30.43 -0.40 0.00	31.12 -0.51 0.00	35.16 -0.75 0.00	38.12 -1.02 0.00	42.53 -1.50 0.00	49.37 -1.53 0.00	45.83 -1.56 0.00	41.85 -1.34 0.00	40.78 -1.05 0.00	37.18 -0.76 0.00	35.26 -0.57 0.00	33.52 -0.20 0.00
HICKLING___2 23622	27.21 -0.56 0.00	26.42 -0.46 0.00	26.39 -0.32 0.00	27.27 -0.28 0.00	28.40 -0.23 0.00	31.79 0.06 0.00	36.78 -0.15 0.00	41.04 -0.54 0.00	39.10 -0.39 0.00	32.03 -0.23 0.00	31.79 -0.22 0.00	30.49 -0.34 0.00	30.43 -0.40 0.00	31.12 -0.51 0.00	35.16 -0.75 0.00	38.12 -1.02 0.00	42.53 -1.50 0.00	49.37 -1.53 0.00	45.83 -1.56 0.00	41.85 -1.34 0.00	40.78 -1.05 0.00	37.18 -0.76 0.00	35.26 -0.57 0.00	33.52 -0.20 0.00
HIGH FALLS___HY 23754	29.43 1.67 0.00	28.47 1.59 0.00	28.13 1.42 0.00	29.01 1.46 0.00	30.18 1.55 0.00	33.22 1.49 0.00	39.11 2.18 0.00	44.12 2.54 0.00	41.86 2.37 0.00	34.00 1.74 0.00	33.55 1.54 0.00	32.28 1.45 0.00	32.28 1.45 0.00	33.21 1.58 0.00	37.99 2.08 0.00	41.60 2.47 0.00	47.46 3.43 0.00	54.72 3.82 0.00	51.14 3.74 0.00	46.60 3.41 0.00	44.84 3.01 0.00	40.29 2.35 0.00	38.02 2.19 0.00	35.55 1.82 0.00
HIGH_RIVER___SOLAR 323847	28.71 0.94 0.00	27.74 0.86 0.00	27.56 0.85 0.00	28.46 0.91 0.00	29.58 0.94 0.00	32.75 1.02 0.00	38.26 1.33 0.00	43.12 1.54 0.00	40.80 1.30 0.00	33.00 0.74 0.00	32.59 0.58 0.00	31.29 0.46 0.00	31.36 0.52 0.00	32.17 0.54 0.00	36.59 0.68 0.00	40.31 1.17 0.00	45.74 1.72 0.00	52.94 2.04 0.00	49.29 1.90 0.00	44.92 1.73 0.00	43.37 1.55 0.00	39.34 1.40 0.00	37.09 1.25 0.00	34.80 1.08 0.00

HILLBURN___GT 23639	28.93 1.17 0.00	27.90 1.02 0.00	27.64 0.93 0.00	28.51 0.96 0.00	29.64 1.00 0.00	32.59 0.86 0.00	38.30 1.37 0.00	43.28 1.71 0.00	41.03 1.54 0.00	33.42 1.16 0.00	33.07 1.05 0.00	31.85 1.02 0.00	31.85 1.02 0.00	32.74 1.11 0.00	37.38 1.47 0.00	40.81 1.68 0.00	46.36 2.33 0.00	53.49 2.59 0.00	50.00 2.60 0.00	45.56 2.37 0.00	43.87 2.05 0.00	39.65 1.71 0.00	37.34 1.50 0.00	34.90 1.18 0.00
HILLSIDE_115KV_TB1 80332	26.99 -0.78 0.00	26.18 -0.70 0.00	26.12 -0.59 0.00	26.97 -0.58 0.00	28.09 -0.54 0.00	31.38 -0.35 0.00	36.27 -0.66 0.00	40.50 -1.08 0.00	38.59 -0.91 0.00	31.61 -0.65 0.00	31.38 -0.64 0.00	30.12 -0.71 0.00	30.09 -0.74 0.00	30.78 -0.85 0.00	34.76 -1.15 0.00	37.69 -1.45 0.00	42.09 -1.94 0.00	48.91 -1.99 0.00	45.36 -2.04 0.00	41.42 -1.77 0.00	40.36 -1.46 0.00	36.72 -1.21 0.00	34.83 -1.00 0.00	33.12 -0.61 0.00
HISHELDN_WT_PWR 323625	26.02 -1.75 0.00	25.48 -1.40 0.00	25.48 -1.23 0.00	26.26 -1.29 0.00	27.43 -1.20 0.00	30.94 -0.79 0.00	35.41 -1.52 0.00	39.33 -2.25 0.00	37.64 -1.86 0.00	31.03 -1.23 0.00	30.89 -1.12 0.00	29.54 -1.29 0.00	29.41 -1.42 0.00	30.05 -1.58 0.00	33.65 -2.26 0.00	36.24 -2.90 0.00	39.98 -4.05 0.00	46.73 -4.17 0.00	43.18 -4.22 0.00	39.43 -3.76 0.00	39.27 -2.55 0.00	35.66 -2.28 0.00	34.04 -1.79 0.00	32.58 -1.15 0.00
HOLTSVILLE_IC_1 23690	29.77 2.00 0.00	28.44 1.56 0.00	28.07 1.36 0.00	28.90 1.35 0.00	30.09 1.46 0.00	33.28 1.55 0.00	39.33 2.40 0.00	44.66 3.08 0.00	41.90 2.41 0.00	33.84 1.58 0.00	33.49 1.47 0.00	32.25 1.42 0.00	32.34 1.51 0.00	33.33 1.71 0.00	38.75 2.84 0.00	42.54 3.40 0.00	49.16 4.32 -0.81	56.00 5.09 -0.01	52.41 4.93 -0.09	49.49 4.19 -2.12	45.64 3.81 -0.01	41.24 3.30 -0.01	38.56 2.72 0.00	35.78 2.06 0.00
HOLTSVILLE_IC_10 23699	29.90 2.14 0.00	28.57 1.69 0.00	28.18 1.47 0.00	29.01 1.46 0.00	30.24 1.60 0.00	33.44 1.71 0.00	39.55 2.62 0.00	44.95 3.37 0.00	42.14 2.65 0.00	33.96 1.71 0.00	33.65 1.63 0.00	32.40 1.57 0.00	32.49 1.66 0.00	33.49 1.87 0.00	38.96 3.05 0.00	42.81 3.68 0.00	49.47 4.62 -0.82	56.41 5.50 -0.01	52.79 5.31 -0.09	49.85 4.53 -2.13	45.98 4.14 -0.01	41.47 3.53 -0.01	38.77 2.94 0.00	35.98 2.26 0.00
HOLTSVILLE_IC_2 23691	29.77 2.00 0.00	28.44 1.56 0.00	28.07 1.36 0.00	28.90 1.35 0.00	30.09 1.46 0.00	33.28 1.55 0.00	39.33 2.40 0.00	44.66 3.08 0.00	41.90 2.41 0.00	33.84 1.58 0.00	33.49 1.47 0.00	32.25 1.42 0.00	32.34 1.51 0.00	33.33 1.71 0.00	38.75 2.84 0.00	42.54 3.40 0.00	49.16 4.32 -0.81	56.00 5.09 -0.01	52.41 4.93 -0.09	49.49 4.19 -2.12	45.64 3.81 -0.01	41.24 3.30 -0.01	38.56 2.72 0.00	35.78 2.06 0.00
HOLTSVILLE_IC_3 23692	29.77 2.00 0.00	28.44 1.56 0.00	28.07 1.36 0.00	28.90 1.35 0.00	30.09 1.46 0.00	33.28 1.55 0.00	39.33 2.40 0.00	44.66 3.08 0.00	41.90 2.41 0.00	33.84 1.58 0.00	33.49 1.47 0.00	32.25 1.42 0.00	32.34 1.51 0.00	33.33 1.71 0.00	38.75 2.84 0.00	42.54 3.40 0.00	49.16 4.32 -0.81	56.00 5.09 -0.01	52.41 4.93 -0.09	49.49 4.19 -2.12	45.64 3.81 -0.01	41.24 3.30 -0.01	38.56 2.72 0.00	35.78 2.06 0.00
HOLTSVILLE_IC_4 23693	29.77 2.00 0.00	28.44 1.56 0.00	28.07 1.36 0.00	28.90 1.35 0.00	30.09 1.46 0.00	33.28 1.55 0.00	39.33 2.40 0.00	44.66 3.08 0.00	41.90 2.41 0.00	33.84 1.58 0.00	33.49 1.47 0.00	32.25 1.42 0.00	32.34 1.51 0.00	33.33 1.71 0.00	38.75 2.84 0.00	42.54 3.40 0.00	49.16 4.32 -0.81	56.00 5.09 -0.01	52.41 4.93 -0.09	49.49 4.19 -2.12	45.64 3.81 -0.01	41.24 3.30 -0.01	38.56 2.72 0.00	35.78 2.06 0.00
HOLTSVILLE_IC_5 23694	29.77 2.00 0.00	28.44 1.56 0.00	28.07 1.36 0.00	28.90 1.35 0.00	30.09 1.46 0.00	33.28 1.55 0.00	39.33 2.40 0.00	44.66 3.08 0.00	41.90 2.41 0.00	33.84 1.58 0.00	33.49 1.47 0.00	32.25 1.42 0.00	32.34 1.51 0.00	33.33 1.71 0.00	38.75 2.84 0.00	42.54 3.40 0.00	49.16 4.32 -0.81	56.00 5.09 -0.01	52.41 4.93 -0.09	49.49 4.19 -2.12	45.64 3.81 -0.01	41.24 3.30 -0.01	38.56 2.72 0.00	35.78 2.06 0.00
HOLTSVILLE_IC_6 23695	29.90 2.14 0.00	28.57 1.69 0.00	28.18 1.47 0.00	29.01 1.46 0.00	30.24 1.60 0.00	33.44 1.71 0.00	39.55 2.62 0.00	44.95 3.37 0.00	42.14 2.65 0.00	33.96 1.71 0.00	33.65 1.63 0.00	32.40 1.57 0.00	32.49 1.66 0.00	33.49 1.87 0.00	38.96 3.05 0.00	42.81 3.68 0.00	49.47 4.62 -0.82	56.41 5.50 -0.01	52.79 5.31 -0.09	49.85 4.53 -2.13	45.98 4.14 -0.01	41.47 3.53 -0.01	38.77 2.94 0.00	35.98 2.26 0.00
HOLTSVILLE_IC_7 23696	29.90 2.14 0.00	28.57 1.69 0.00	28.18 1.47 0.00	29.01 1.46 0.00	30.24 1.60 0.00	33.44 1.71 0.00	39.55 2.62 0.00	44.95 3.37 0.00	42.14 2.65 0.00	33.96 1.71 0.00	33.65 1.63 0.00	32.40 1.57 0.00	32.49 1.66 0.00	33.49 1.87 0.00	38.96 3.05 0.00	42.81 3.68 0.00	49.47 4.62 -0.82	56.41 5.50 -0.01	52.79 5.31 -0.09	49.85 4.53 -2.13	45.98 4.14 -0.01	41.47 3.53 -0.01	38.77 2.94 0.00	35.98 2.26 0.00
HOLTSVILLE_IC_8 23697	29.90 2.14 0.00	28.57 1.69 0.00	28.18 1.47 0.00	29.01 1.46 0.00	30.24 1.60 0.00	33.44 1.71 0.00	39.55 2.62 0.00	44.95 3.37 0.00	42.14 2.65 0.00	33.96 1.71 0.00	33.65 1.63 0.00	32.40 1.57 0.00	32.49 1.66 0.00	33.49 1.87 0.00	38.96 3.05 0.00	42.81 3.68 0.00	49.47 4.62 -0.82	56.41 5.50 -0.01	52.79 5.31 -0.09	49.85 4.53 -2.13	45.98 4.14 -0.01	41.47 3.53 -0.01	38.77 2.94 0.00	35.98 2.26 0.00
HOLTSVILLE_IC_9 23698	29.90 2.14 0.00	28.57 1.69 0.00	28.18 1.47 0.00	29.01 1.46 0.00	30.24 1.60 0.00	33.44 1.71 0.00	39.55 2.62 0.00	44.95 3.37 0.00	42.14 2.65 0.00	33.96 1.71 0.00	33.65 1.63 0.00	32.40 1.57 0.00	32.49 1.66 0.00	33.49 1.87 0.00	38.96 3.05 0.00	42.81 3.68 0.00	49.47 4.62 -0.82	56.41 5.50 -0.01	52.79 5.31 -0.09	49.85 4.53 -2.13	45.98 4.14 -0.01	41.47 3.53 -0.01	38.77 2.94 0.00	35.98 2.26 0.00
HOMER_HL_115KV_TB2 355744	26.79 -0.97 0.00	26.10 -0.78 0.00	26.12 -0.59 0.00	27.00 -0.55 0.00	28.18 -0.46 0.00	31.70 -0.03 0.00	36.45 -0.48 0.00	40.46 -1.12 0.00	38.70 -0.79 0.00	31.87 -0.39 0.00	31.63 -0.38 0.00	30.31 -0.52 0.00	30.21 -0.62 0.00	30.87 -0.76 0.00	34.62 -1.29 0.00	37.37 -1.76 0.00	41.39 -2.64 0.00	48.20 -2.70 0.00	44.64 -2.75 0.00	40.77 -2.42 0.00	40.03 -1.80 0.00	36.57 -1.37 0.00	34.87 -0.97 0.00	33.42 -0.30 0.00
HOWARD_WT_PWR 323690	26.57 -1.19 0.00	26.02 -0.86 0.00	26.02 -0.69 0.00	26.97 -0.58 0.00	28.26 -0.37 0.00	31.95 0.22 0.00	36.89 -0.04 0.00	41.25 -0.33 0.00	39.38 -0.12 0.00	32.29 0.03 0.00	32.02 0.00 0.00	30.62 -0.21 0.00	30.46 -0.37 0.00	31.09 -0.54 0.00	34.98 -0.93 0.00	37.69 -1.45 0.00	41.65 -2.38 0.00	48.46 -2.44 0.00	44.69 -2.70 0.00	40.68 -2.51 0.00	39.99 -1.84 0.00	36.61 -1.33 0.00	35.05 -0.79 0.00	33.66 -0.07 0.00

HQ_GEN_CEDARS 23644	27.85 0.08 0.00	27.04 0.16 0.00	26.90 0.19 0.00	27.72 0.17 0.00	28.81 0.17 0.00	32.08 0.35 0.00	37.34 0.41 0.00	42.16 0.58 0.00	40.09 0.59 0.00	32.74 0.48 0.00	32.56 0.54 0.00	31.36 0.52 0.00	31.45 0.62 0.00	32.29 0.66 0.00	36.74 0.83 0.00	39.96 0.82 0.00	44.43 0.40 0.00	51.26 0.36 0.00	47.73 0.33 0.00	43.49 0.30 0.00	42.49 0.67 0.00	38.62 0.68 0.00	36.48 0.65 0.00	34.53 0.81 0.00
HQ_GEN_CEDARS_PROXY 323590	27.85 0.08 0.00	27.04 0.16 0.00	26.90 0.19 0.00	27.72 0.17 0.00	28.81 0.17 0.00	32.08 0.35 0.00	37.34 0.41 0.00	42.16 0.58 0.00	38.80 0.59 1.29	34.03 0.48 -1.29	32.56 0.54 0.00	31.36 0.52 0.00	31.45 0.62 0.00	32.29 0.67 0.00	36.74 0.83 0.00	39.96 0.82 0.00	44.42 0.40 0.00	51.26 0.36 0.00	47.73 0.33 0.00	43.49 0.30 0.00	42.49 0.67 0.00	38.62 0.68 0.00	36.48 0.65 0.00	34.53 0.81 0.00
HQ_GEN_IMPORT 323601	27.74 -0.03 0.00	26.88 0.00 0.00	26.71 0.00 0.00	27.55 0.00 0.00	28.63 0.00 0.00	31.83 0.10 0.00	37.04 0.11 0.00	41.75 0.17 0.00	38.41 0.20 1.29	33.70 0.16 -1.29	32.21 0.19 0.00	31.05 0.22 0.00	31.08 0.25 0.00	31.91 0.28 0.00	36.27 0.36 0.00	39.48 0.35 0.00	44.25 0.22 0.00	51.10 0.20 0.00	47.58 0.19 0.00	43.36 0.17 0.00	42.08 0.25 0.00	38.20 0.27 0.00	36.09 0.25 0.00	34.03 0.30 0.00
HQ_GEN_WHEEL 23651	27.74 -0.03 0.00	26.88 0.00 0.00	26.71 0.00 0.00	27.55 0.00 0.00	28.63 0.00 0.00	31.83 0.10 0.00	37.04 0.11 0.00	41.75 0.17 0.00	38.41 0.20 1.29	33.70 0.16 -1.29	32.21 0.19 0.00	31.05 0.22 0.00	31.08 0.25 0.00	31.91 0.28 0.00	36.27 0.36 0.00	39.48 0.35 0.00	44.25 0.22 0.00	51.10 0.20 0.00	47.58 0.19 0.00	43.36 0.17 0.00	42.08 0.25 0.00	38.20 0.27 0.00	36.09 0.25 0.00	34.03 0.30 0.00
HUDSON AVE_GT_3 23810	29.10 1.33 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.35 1.86 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.16 1.33 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.70 1.80 0.00	41.21 2.07 0.00	46.71 2.69 0.00	53.90 3.00 0.00	50.43 3.03 0.00	45.95 2.76 0.00	44.29 2.47 0.00	39.91 1.97 0.00	37.52 1.68 0.00	35.07 1.35 0.00
HUDSON AVE_GT_4 23540	29.10 1.33 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.35 1.86 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.16 1.33 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.70 1.80 0.00	41.21 2.07 0.00	46.71 2.69 0.00	53.90 3.00 0.00	50.43 3.03 0.00	45.95 2.76 0.00	44.29 2.47 0.00	39.91 1.97 0.00	37.52 1.68 0.00	35.07 1.35 0.00
HUDSON AVE_GT_5 23657	29.10 1.33 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.35 1.86 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.16 1.33 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.70 1.80 0.00	41.21 2.07 0.00	46.71 2.69 0.00	53.90 3.00 0.00	50.43 3.03 0.00	45.95 2.76 0.00	44.29 2.47 0.00	39.91 1.97 0.00	37.52 1.68 0.00	35.07 1.35 0.00
HUDSON_AVE_10 24168	28.99 1.22 0.00	28.01 1.13 0.00	27.72 1.01 0.00	28.54 0.99 0.00	29.66 1.03 0.00	32.59 0.86 0.00	38.41 1.48 0.00	43.45 1.87 0.00	41.23 1.74 0.00	33.58 1.32 0.00	33.23 1.22 0.00	32.06 1.23 0.00	32.06 1.23 0.00	32.96 1.33 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.63 2.60 0.00	53.80 2.90 0.00	50.33 2.94 0.00	45.86 2.68 0.00	44.17 2.34 0.00	39.80 1.86 0.00	37.41 1.58 0.00	34.94 1.21 0.00
HUDSON___115KV_TB 4 355613	29.18 1.42 0.00	28.22 1.34 0.00	27.97 1.26 0.00	28.87 1.32 0.00	30.04 1.40 0.00	33.19 1.46 0.00	38.85 1.92 0.00	43.66 2.08 0.00	41.43 1.94 0.00	33.71 1.45 0.00	33.30 1.28 0.00	32.03 1.20 0.00	31.97 1.14 0.00	32.86 1.23 0.00	37.27 1.36 0.00	40.78 1.64 0.00	46.14 2.11 0.00	53.34 2.44 0.00	49.67 2.27 0.00	45.26 2.07 0.00	43.71 1.88 0.00	39.49 1.56 0.00	37.34 1.51 0.00	35.21 1.48 0.00
HUNTER MOUNT___DRP 323613	29.40 1.64 0.00	28.44 1.56 0.00	28.15 1.44 0.00	29.09 1.54 0.00	30.27 1.63 0.00	33.44 1.71 0.00	39.15 2.22 0.00	43.99 2.41 0.00	41.71 2.21 0.00	33.90 1.65 0.00	33.46 1.44 0.00	32.13 1.29 0.00	32.10 1.26 0.00	32.99 1.36 0.00	37.42 1.51 0.00	41.01 1.88 0.00	46.45 2.42 0.00	53.65 2.75 0.00	50.00 2.61 0.00	45.56 2.38 0.00	43.96 2.13 0.00	39.68 1.75 0.00	37.56 1.72 0.00	35.41 1.69 0.00
HUNTINGTON_RES_REC 323705	29.57 1.80 0.00	28.28 1.40 0.00	27.88 1.17 0.00	28.73 1.18 0.00	29.92 1.29 0.00	33.09 1.36 0.00	39.11 2.18 0.00	44.41 2.83 0.00	41.43 1.93 0.00	33.45 1.19 0.00	33.10 1.09 0.00	31.88 1.05 0.00	31.97 1.14 0.00	32.96 1.33 0.00	38.50 2.59 0.00	42.30 3.17 0.00	48.77 3.92 -0.82	55.39 4.48 -0.01	51.84 4.36 -0.09	49.17 3.84 -2.14	45.39 3.55 -0.01	41.02 3.07 -0.01	38.38 2.54 0.00	35.61 1.89 0.00
HUNTLEY___63 23557	25.93 -1.83 0.00	25.21 -1.67 0.00	25.27 -1.44 0.00	26.09 -1.46 0.00	27.17 -1.46 0.00	30.52 -1.21 0.00	34.86 -2.07 0.00	38.67 -2.91 0.00	37.01 -2.49 0.00	30.64 -1.61 0.00	30.54 -1.47 0.00	29.29 -1.54 0.00	29.20 -1.63 0.00	29.83 -1.80 0.00	33.25 -2.66 0.00	35.77 -3.37 0.00	39.32 -4.71 0.00	45.96 -4.94 0.00	42.46 -4.93 0.00	38.82 -4.36 0.00	38.23 -3.60 0.00	35.17 -2.77 0.00	33.65 -2.19 0.00	32.17 -1.55 0.00
HUNTLEY___64 23558	25.93 -1.83 0.00	25.21 -1.67 0.00	25.27 -1.44 0.00	26.09 -1.46 0.00	27.17 -1.46 0.00	30.52 -1.21 0.00	34.86 -2.07 0.00	38.67 -2.91 0.00	37.01 -2.49 0.00	30.64 -1.61 0.00	30.54 -1.47 0.00	29.29 -1.54 0.00	29.20 -1.63 0.00	29.83 -1.80 0.00	33.25 -2.66 0.00	35.77 -3.37 0.00	39.32 -4.71 0.00	45.96 -4.94 0.00	42.46 -4.93 0.00	38.82 -4.36 0.00	38.23 -3.60 0.00	35.17 -2.77 0.00	33.65 -2.19 0.00	32.17 -1.55 0.00
HUNTLEY___65 23559	25.93 -1.83 0.00	25.21 -1.67 0.00	25.27 -1.44 0.00	26.09 -1.46 0.00	27.17 -1.46 0.00	30.52 -1.21 0.00	34.86 -2.07 0.00	38.67 -2.91 0.00	37.01 -2.49 0.00	30.64 -1.61 0.00	30.54 -1.47 0.00	29.29 -1.54 0.00	29.20 -1.63 0.00	29.83 -1.80 0.00	33.25 -2.66 0.00	35.77 -3.37 0.00	39.32 -4.71 0.00	45.96 -4.94 0.00	42.46 -4.93 0.00	38.82 -4.36 0.00	38.23 -3.60 0.00	35.17 -2.77 0.00	33.65 -2.19 0.00	32.17 -1.55 0.00
HUNTLEY___66 23560	25.93 -1.83 0.00	25.21 -1.67 0.00	25.27 -1.44 0.00	26.09 -1.46 0.00	27.17 -1.46 0.00	30.52 -1.21 0.00	34.86 -2.07 0.00	38.67 -2.91 0.00	37.01 -2.49 0.00	30.64 -1.61 0.00	30.54 -1.47 0.00	29.29 -1.54 0.00	29.20 -1.63 0.00	29.83 -1.80 0.00	33.25 -2.66 0.00	35.77 -3.37 0.00	39.32 -4.71 0.00	45.96 -4.94 0.00	42.46 -4.93 0.00	38.82 -4.36 0.00	38.23 -3.60 0.00	35.17 -2.77 0.00	33.65 -2.19 0.00	32.17 -1.55 0.00

HUNTLEY___67 23561	25.88 -1.89 0.00	25.16 -1.72 0.00	25.21 -1.50 0.00	26.01 -1.54 0.00	27.09 -1.55 0.00	30.43 -1.30 0.00	34.75 -2.18 0.00	38.50 -3.08 0.00	36.85 -2.65 0.00	30.52 -1.74 0.00	30.42 -1.60 0.00	29.17 -1.66 0.00	29.07 -1.76 0.00	29.67 -1.96 0.00	33.11 -2.80 0.00	35.65 -3.48 0.00	39.19 -4.84 0.00	45.81 -5.09 0.00	42.32 -5.07 0.00	38.70 -4.49 0.00	38.10 -3.72 0.00	35.05 -2.88 0.00	33.54 -2.29 0.00	32.07 -1.65 0.00
HUNTLEY___68 23562	25.88 -1.89 0.00	25.16 -1.72 0.00	25.21 -1.50 0.00	26.01 -1.54 0.00	27.09 -1.55 0.00	30.43 -1.30 0.00	34.75 -2.18 0.00	38.50 -3.08 0.00	36.85 -2.65 0.00	30.52 -1.74 0.00	30.42 -1.60 0.00	29.17 -1.66 0.00	29.07 -1.76 0.00	29.67 -1.96 0.00	33.11 -2.80 0.00	35.65 -3.48 0.00	39.19 -4.84 0.00	45.81 -5.09 0.00	42.32 -5.07 0.00	38.70 -4.49 0.00	38.10 -3.72 0.00	35.05 -2.88 0.00	33.54 -2.29 0.00	32.07 -1.65 0.00
HYLAND___LFGE 323620	27.54 -0.22 0.00	26.91 0.03 0.00	26.79 0.08 0.00	27.69 0.14 0.00	28.78 0.14 0.00	32.49 0.76 0.00	37.67 0.74 0.00	42.20 0.62 0.00	40.12 0.63 0.00	32.80 0.55 0.00	32.62 0.61 0.00	31.26 0.43 0.00	31.17 0.34 0.00	31.66 0.03 0.00	35.91 0.00 0.00	38.94 -0.19 0.00	43.28 -0.75 0.00	50.65 -0.25 0.00	46.87 -0.52 0.00	42.71 -0.47 0.00	42.20 0.38 0.00	38.13 0.19 0.00	36.16 0.32 0.00	34.30 0.57 0.00
INDECK___CORINTH 23802	28.35 0.58 0.00	27.34 0.46 0.00	27.16 0.45 0.00	28.05 0.50 0.00	29.21 0.57 0.00	32.30 0.57 0.00	37.85 0.92 0.00	42.66 1.08 0.00	40.40 0.91 0.00	32.87 0.61 0.00	32.53 0.51 0.00	31.26 0.43 0.00	31.29 0.46 0.00	32.13 0.50 0.00	36.48 0.57 0.00	40.03 0.90 0.00	45.44 1.41 0.00	52.53 1.63 0.00	48.96 1.56 0.00	44.57 1.38 0.00	42.95 1.13 0.00	38.89 0.95 0.00	36.62 0.79 0.00	34.36 0.64 0.00
INDECK___ILION 23567	28.13 0.36 0.00	27.23 0.35 0.00	27.08 0.37 0.00	27.94 0.39 0.00	29.06 0.43 0.00	32.27 0.54 0.00	37.56 0.63 0.00	42.37 0.79 0.00	40.28 0.79 0.00	32.90 0.65 0.00	32.69 0.67 0.00	31.48 0.65 0.00	31.45 0.62 0.00	32.23 0.60 0.00	36.56 0.65 0.00	39.80 0.67 0.00	44.69 0.66 0.00	51.56 0.66 0.00	48.01 0.62 0.00	43.70 0.52 0.00	42.29 0.46 0.00	38.35 0.42 0.00	36.23 0.39 0.00	34.10 0.37 0.00
INDECK___OLEAN 23982	26.79 -0.97 0.00	26.18 -0.70 0.00	26.15 -0.56 0.00	27.00 -0.55 0.00	28.17 -0.46 0.00	31.76 0.03 0.00	36.45 -0.48 0.00	40.46 -1.12 0.00	38.71 -0.79 0.00	31.87 -0.39 0.00	31.66 -0.35 0.00	30.31 -0.52 0.00	30.22 -0.62 0.00	30.87 -0.76 0.00	34.62 -1.29 0.00	37.37 -1.76 0.00	41.39 -2.64 0.00	48.31 -2.59 0.00	44.64 -2.75 0.00	40.77 -2.42 0.00	40.40 -1.42 0.00	36.61 -1.33 0.00	34.87 -0.97 0.00	33.45 -0.27 0.00
INDECK___OSWEGO 23783	26.93 -0.83 0.00	26.10 -0.78 0.00	25.96 -0.75 0.00	26.78 -0.77 0.00	27.80 -0.83 0.00	30.84 -0.89 0.00	35.71 -1.22 0.00	40.12 -1.46 0.00	38.15 -1.34 0.00	31.16 -1.10 0.00	30.93 -1.09 0.00	29.78 -1.05 0.00	29.78 -1.05 0.00	30.49 -1.14 0.00	34.58 -1.33 0.00	37.65 -1.49 0.00	42.31 -1.72 0.00	49.02 -1.88 0.00	45.59 -1.80 0.00	41.55 -1.64 0.00	40.32 -1.50 0.00	36.57 -1.36 0.00	34.55 -1.29 0.00	32.51 -1.21 0.00
INDECK___YERKES 23781	25.96 -1.80 0.00	25.40 -1.48 0.00	25.38 -1.33 0.00	26.09 -1.46 0.00	27.20 -1.43 0.00	30.68 -1.05 0.00	34.94 -1.99 0.00	38.71 -2.87 0.00	37.05 -2.45 0.00	30.68 -1.58 0.00	30.61 -1.41 0.00	29.29 -1.54 0.00	29.23 -1.60 0.00	29.83 -1.80 0.00	33.29 -2.62 0.00	35.85 -3.29 0.00	39.36 -4.67 0.00	46.11 -4.79 0.00	42.51 -4.88 0.00	38.83 -4.36 0.00	38.90 -2.93 0.00	35.24 -2.69 0.00	33.69 -2.15 0.00	32.24 -1.48 0.00
INDIAN POINT_GT_1 24139	28.99 1.22 0.00	28.01 1.13 0.00	27.72 1.01 0.00	28.57 1.02 0.00	29.69 1.06 0.00	32.65 0.92 0.00	38.37 1.44 0.00	43.37 1.79 0.00	41.11 1.62 0.00	33.48 1.23 0.00	33.14 1.12 0.00	31.91 1.08 0.00	31.94 1.11 0.00	32.83 1.20 0.00	37.45 1.54 0.00	40.93 1.80 0.00	46.41 2.38 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.65 2.46 0.00	44.04 2.22 0.00	39.72 1.78 0.00	37.41 1.58 0.00	34.97 1.25 0.00
INDIAN POINT_GT_2 23659	28.99 1.22 0.00	28.01 1.13 0.00	27.72 1.01 0.00	28.57 1.02 0.00	29.69 1.06 0.00	32.65 0.92 0.00	38.37 1.44 0.00	43.37 1.79 0.00	41.11 1.62 0.00	33.48 1.23 0.00	33.14 1.12 0.00	31.91 1.08 0.00	31.94 1.11 0.00	32.83 1.20 0.00	37.45 1.54 0.00	40.93 1.80 0.00	46.41 2.38 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.65 2.46 0.00	44.04 2.22 0.00	39.72 1.78 0.00	37.41 1.58 0.00	34.97 1.25 0.00
INDIAN POINT_GT_3 24019	28.99 1.22 0.00	28.01 1.13 0.00	27.72 1.01 0.00	28.57 1.02 0.00	29.69 1.06 0.00	32.65 0.92 0.00	38.37 1.44 0.00	43.37 1.79 0.00	41.11 1.62 0.00	33.48 1.23 0.00	33.14 1.12 0.00	31.91 1.08 0.00	31.94 1.11 0.00	32.83 1.20 0.00	37.45 1.54 0.00	40.93 1.80 0.00	46.41 2.38 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.65 2.46 0.00	44.04 2.22 0.00	39.72 1.78 0.00	37.41 1.58 0.00	34.97 1.25 0.00
INDIAN POINT___2 23530	28.93 1.17 0.00	27.90 1.02 0.00	27.67 0.96 0.00	28.51 0.96 0.00	29.66 1.03 0.00	32.59 0.86 0.00	38.30 1.37 0.00	43.28 1.71 0.00	41.03 1.54 0.00	33.42 1.16 0.00	33.11 1.09 0.00	31.88 1.05 0.00	31.88 1.05 0.00	32.77 1.14 0.00	37.38 1.47 0.00	40.85 1.72 0.00	46.36 2.33 0.00	53.49 2.59 0.00	50.00 2.60 0.00	45.56 2.37 0.00	43.87 2.05 0.00	39.65 1.71 0.00	37.34 1.50 0.00	34.90 1.18 0.00
INDIAN POINT___3 23531	28.96 1.19 0.00	27.98 1.10 0.00	27.72 1.01 0.00	28.54 0.99 0.00	29.69 1.06 0.00	32.65 0.92 0.00	38.33 1.40 0.00	43.33 1.75 0.00	41.07 1.58 0.00	33.48 1.23 0.00	33.14 1.12 0.00	31.91 1.08 0.00	31.91 1.08 0.00	32.80 1.17 0.00	37.42 1.51 0.00	40.89 1.76 0.00	46.36 2.33 0.00	53.55 2.65 0.00	50.05 2.65 0.00	45.60 2.42 0.00	44.00 2.17 0.00	39.68 1.75 0.00	37.38 1.54 0.00	34.94 1.21 0.00
INGHAM_C_115KV_TB7 356103	28.38 0.61 0.00	27.50 0.62 0.00	27.38 0.67 0.00	28.27 0.72 0.00	29.41 0.77 0.00	32.71 0.98 0.00	38.08 1.14 0.00	43.03 1.46 0.00	41.00 1.50 0.00	33.52 1.26 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.10 1.26 0.00	32.86 1.23 0.00	37.20 1.29 0.00	40.42 1.29 0.00	45.22 1.19 0.00	52.02 1.12 0.00	48.34 0.95 0.00	43.96 0.78 0.00	42.54 0.71 0.00	38.70 0.76 0.00	36.55 0.72 0.00	34.40 0.67 0.00
IP CORINTH___1 23988	28.49 0.72 0.00	27.50 0.62 0.00	27.30 0.59 0.00	28.21 0.66 0.00	29.35 0.72 0.00	32.49 0.76 0.00	38.04 1.11 0.00	42.87 1.29 0.00	40.64 1.15 0.00	33.03 0.77 0.00	32.72 0.70 0.00	31.45 0.62 0.00	31.45 0.62 0.00	32.32 0.70 0.00	36.70 0.79 0.00	40.27 1.13 0.00	45.70 1.67 0.00	52.83 1.93 0.00	49.19 1.80 0.00	44.78 1.60 0.00	43.25 1.42 0.00	39.11 1.18 0.00	36.84 1.00 0.00	34.53 0.81 0.00

IP___TICONDEROGA 23804	29.40 1.64 0.00	28.33 1.45 0.00	28.18 1.47 0.00	29.15 1.60 0.00	30.35 1.72 0.00	33.73 2.00 0.00	39.66 2.73 0.00	44.74 3.16 0.00	42.34 2.84 0.00	34.26 2.00 0.00	33.87 1.86 0.00	32.53 1.70 0.00	32.56 1.73 0.00	33.46 1.83 0.00	38.03 2.12 0.00	41.87 2.74 0.00	47.68 3.65 0.00	55.17 4.28 0.00	51.37 3.98 0.00	46.68 3.50 0.00	45.13 3.30 0.00	40.71 2.77 0.00	38.27 2.44 0.00	35.88 2.16 0.00
ISLIP_RES_REC 323679	30.01 2.25 0.00	28.68 1.80 0.00	28.29 1.58 0.00	29.12 1.57 0.00	30.35 1.72 0.00	33.57 1.84 0.00	39.70 2.77 0.00	45.16 3.58 0.00	42.34 2.85 0.00	34.09 1.84 0.00	33.74 1.73 0.00	32.53 1.69 0.00	32.59 1.76 0.00	33.62 1.99 0.00	39.14 3.23 0.00	42.97 3.84 0.00	49.69 4.84 -0.82	56.71 5.80 -0.01	53.07 5.59 -0.09	50.08 4.75 -2.14	46.14 4.31 -0.01	41.67 3.72 -0.01	38.92 3.08 0.00	36.12 2.39 0.00
JAMAICA__27_KV_LOAD 355505	29.02 1.25 0.00	28.01 1.13 0.00	27.72 1.01 0.00	28.54 0.99 0.00	29.66 1.03 0.00	32.59 0.86 0.00	38.48 1.55 0.00	43.58 2.00 0.00	41.39 1.90 0.00	33.71 1.45 0.00	33.33 1.31 0.00	32.16 1.33 0.00	32.16 1.33 0.00	33.05 1.42 0.00	37.78 1.87 0.00	41.29 2.15 0.00	46.89 2.86 0.00	54.11 3.21 0.00	50.62 3.22 0.00	46.12 2.94 0.00	44.42 2.59 0.00	39.99 2.05 0.00	37.52 1.68 0.00	35.01 1.28 0.00
JANIS___SOLAR 323808	28.43 0.67 0.00	27.61 0.73 0.00	27.54 0.83 0.00	28.46 0.91 0.00	29.55 0.92 0.00	33.13 1.39 0.00	38.55 1.62 0.00	49.11 7.53 0.00	46.37 6.87 0.00	37.09 4.84 0.00	36.53 4.52 0.00	34.84 4.01 0.00	34.56 3.73 0.00	35.08 3.45 0.00	40.58 4.67 0.00	44.77 5.64 0.00	50.72 6.69 0.00	52.83 1.93 0.00	49.05 1.66 0.00	44.57 1.38 0.00	43.37 1.55 0.00	39.23 1.29 0.00	37.09 1.25 0.00	34.97 1.25 0.00
JARVIS____ 23743	27.85 0.08 0.00	26.96 0.08 0.00	26.79 0.08 0.00	27.63 0.08 0.00	28.72 0.09 0.00	31.79 0.06 0.00	37.04 0.11 0.00	41.75 0.17 0.00	39.61 0.12 0.00	32.35 0.10 0.00	32.11 0.10 0.00	30.92 0.09 0.00	30.89 0.06 0.00	31.69 0.06 0.00	35.98 0.07 0.00	39.21 0.08 0.00	44.16 0.13 0.00	51.05 0.15 0.00	47.54 0.14 0.00	43.27 0.09 0.00	41.87 0.04 0.00	37.97 0.04 0.00	35.91 0.07 0.00	33.76 0.03 0.00
JENNISON___1 23625	28.65 0.89 0.00	27.85 0.97 0.00	27.78 1.07 0.00	28.71 1.16 0.00	29.81 1.17 0.00	33.38 1.65 0.00	38.92 1.99 0.00	45.28 3.70 0.00	42.93 3.44 0.00	34.71 2.45 0.00	34.32 2.31 0.00	32.90 2.07 0.00	32.74 1.91 0.00	33.40 1.77 0.00	38.17 2.26 0.00	41.72 2.58 0.00	47.02 2.99 0.00	53.14 2.24 0.00	49.34 1.94 0.00	44.83 1.64 0.00	43.54 1.71 0.00	39.42 1.48 0.00	37.34 1.51 0.00	35.21 1.48 0.00
JENNISON___2 23626	28.65 0.89 0.00	27.85 0.97 0.00	27.78 1.07 0.00	28.71 1.16 0.00	29.81 1.17 0.00	33.38 1.65 0.00	38.92 1.99 0.00	45.28 3.70 0.00	42.93 3.44 0.00	34.71 2.45 0.00	34.32 2.31 0.00	32.90 2.07 0.00	32.74 1.91 0.00	33.40 1.77 0.00	38.17 2.26 0.00	41.72 2.58 0.00	47.02 2.99 0.00	53.14 2.24 0.00	49.34 1.94 0.00	44.83 1.64 0.00	43.54 1.71 0.00	39.42 1.48 0.00	37.34 1.51 0.00	35.21 1.48 0.00
JERICHO_RISE_WT_PWR 323719	27.10 -0.67 0.00	26.31 -0.57 0.00	26.12 -0.59 0.00	26.94 -0.61 0.00	28.03 -0.60 0.00	31.32 -0.41 0.00	36.56 -0.37 0.00	41.41 -0.17 0.00	39.49 0.00 0.00	32.39 0.13 0.00	32.27 0.25 0.00	31.17 0.34 0.00	31.36 0.52 0.00	32.29 0.67 0.00	36.84 0.93 0.00	40.11 0.98 0.00	44.73 0.70 0.00	51.56 0.66 0.00	47.96 0.57 0.00	43.62 0.43 0.00	42.33 0.50 0.00	38.51 0.57 0.00	36.30 0.46 0.00	34.26 0.54 0.00
KATONAH__115KV_46KV_TB4 355592	29.24 1.47 0.00	28.22 1.34 0.00	27.97 1.26 0.00	28.79 1.24 0.00	29.98 1.35 0.00	32.90 1.17 0.00	38.70 1.77 0.00	43.78 2.20 0.00	41.55 2.05 0.00	33.77 1.52 0.00	33.39 1.38 0.00	32.13 1.29 0.00	32.16 1.33 0.00	33.08 1.45 0.00	37.78 1.87 0.00	41.29 2.15 0.00	46.80 2.77 0.00	54.05 3.16 0.00	50.57 3.18 0.00	46.04 2.85 0.00	44.38 2.55 0.00	39.99 2.05 0.00	37.66 1.83 0.00	35.17 1.45 0.00
KCE_NY_1 323755	28.96 1.19 0.00	27.96 1.08 0.00	27.78 1.07 0.00	28.68 1.13 0.00	29.84 1.20 0.00	32.97 1.24 0.00	38.55 1.62 0.00	43.41 1.83 0.00	41.15 1.66 0.00	33.48 1.23 0.00	33.17 1.15 0.00	31.91 1.08 0.00	31.88 1.05 0.00	32.74 1.11 0.00	37.17 1.26 0.00	40.74 1.61 0.00	46.14 2.11 0.00	53.34 2.44 0.00	49.72 2.32 0.00	45.30 2.12 0.00	43.71 1.88 0.00	39.60 1.67 0.00	37.34 1.50 0.00	35.04 1.31 0.00
KCE_NY_6_ESR 323823	26.21 -1.55 0.00	25.64 -1.24 0.00	25.64 -1.07 0.00	26.39 -1.16 0.00	27.55 -1.09 0.00	31.06 -0.67 0.00	35.45 -1.48 0.00	39.29 -2.29 0.00	37.60 -1.90 0.00	31.10 -1.16 0.00	30.99 -1.03 0.00	29.66 -1.17 0.00	29.57 -1.27 0.00	30.21 -1.42 0.00	33.72 -2.19 0.00	36.36 -2.78 0.00	40.02 -4.01 0.00	46.83 -4.07 0.00	43.18 -4.22 0.00	39.47 -3.71 0.00	39.44 -2.38 0.00	35.74 -2.20 0.00	34.15 -1.68 0.00	32.68 -1.05 0.00
KEDC_PORT_JEFF_GT2 24210	29.88 2.11 0.00	28.55 1.67 0.00	28.15 1.44 0.00	28.98 1.43 0.00	30.18 1.55 0.00	33.41 1.68 0.00	39.48 2.55 0.00	44.86 3.28 0.00	42.10 2.61 0.00	33.93 1.68 0.00	33.58 1.57 0.00	32.37 1.54 0.00	32.43 1.60 0.00	33.46 1.83 0.00	38.93 3.02 0.00	42.77 3.64 0.00	49.42 4.58 -0.82	56.36 5.45 -0.01	52.70 5.21 -0.09	49.76 4.45 -2.13	45.89 4.06 -0.01	41.43 3.49 -0.01	38.74 2.90 0.00	35.95 2.23 0.00
KEDC_PORT_JEFF_GT3 24211	29.88 2.11 0.00	28.55 1.67 0.00	28.15 1.44 0.00	28.98 1.43 0.00	30.18 1.55 0.00	33.41 1.68 0.00	39.48 2.55 0.00	44.86 3.28 0.00	42.10 2.61 0.00	33.93 1.68 0.00	33.58 1.57 0.00	32.37 1.54 0.00	32.43 1.60 0.00	33.46 1.83 0.00	38.93 3.02 0.00	42.77 3.64 0.00	49.42 4.58 -0.82	56.36 5.45 -0.01	52.70 5.21 -0.09	49.76 4.45 -2.13	45.89 4.06 -0.01	41.43 3.49 -0.01	38.74 2.90 0.00	35.95 2.23 0.00
KEDC_GLWD_GT4 24219	29.35 1.58 0.00	28.20 1.32 0.00	27.88 1.17 0.00	28.73 1.18 0.00	29.89 1.26 0.00	32.97 1.24 0.00	38.85 1.92 0.00	43.99 2.41 0.00	41.51 2.01 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.10 1.26 0.00	32.13 1.29 0.00	33.09 1.46 0.00	38.10 2.19 0.00	41.68 2.54 0.00	48.58 3.21 -1.34	54.22 3.31 -0.02	50.81 3.27 -0.15	50.10 3.24 -3.67	44.73 2.88 -0.02	40.46 2.50 -0.02	37.99 2.15 0.00	35.38 1.65 0.00
KEDC_GLWD_GT5 24220	29.35 1.58 0.00	28.20 1.32 0.00	27.88 1.17 0.00	28.73 1.18 0.00	29.89 1.26 0.00	32.97 1.24 0.00	38.85 1.92 0.00	43.99 2.41 0.00	41.51 2.01 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.10 1.26 0.00	32.13 1.29 0.00	33.09 1.46 0.00	38.10 2.19 0.00	41.68 2.54 0.00	48.58 3.21 -1.34	54.22 3.31 -0.02	50.81 3.27 -0.15	50.10 3.24 -3.67	44.73 2.88 -0.02	40.46 2.50 -0.02	37.99 2.15 0.00	35.38 1.65 0.00

KENSICO____ 23655	29.07 1.31 0.00	28.09 1.21 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.75 1.02 0.00	38.48 1.55 0.00	43.49 1.91 0.00	41.23 1.74 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.03 1.20 0.00	32.03 1.20 0.00	32.93 1.30 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.58 2.55 0.00	53.75 2.85 0.00	50.24 2.84 0.00	45.82 2.63 0.00	44.17 2.34 0.00	39.83 1.90 0.00	37.48 1.65 0.00	35.07 1.35 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.38 1.61 0.00	28.41 1.53 0.00	28.10 1.39 0.00	28.98 1.43 0.00	30.15 1.52 0.00	33.19 1.46 0.00	39.04 2.11 0.00	44.03 2.45 0.00	41.79 2.29 0.00	33.90 1.65 0.00	33.49 1.47 0.00	32.22 1.39 0.00	32.22 1.39 0.00	33.12 1.49 0.00	37.85 1.94 0.00	41.44 2.31 0.00	47.24 3.21 0.00	54.51 3.61 0.00	50.95 3.55 0.00	46.43 3.24 0.00	44.67 2.84 0.00	40.17 2.24 0.00	37.91 2.08 0.00	35.48 1.75 0.00
KIAC_JFK_GT1 23816	28.85 1.08 0.00	27.85 0.97 0.00	27.56 0.85 0.00	28.38 0.83 0.00	29.49 0.86 0.00	32.40 0.67 0.00	38.26 1.33 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.52 1.26 0.00	33.14 1.12 0.00	31.97 1.14 0.00	31.97 1.14 0.00	32.86 1.23 0.00	37.56 1.65 0.00	41.05 1.92 0.00	46.58 2.55 0.00	53.75 2.85 0.00	50.28 2.89 0.00	45.82 2.63 0.00	44.13 2.30 0.00	39.72 1.78 0.00	37.30 1.47 0.00	34.80 1.08 0.00
KIAC_JFK_GT2 23817	28.85 1.08 0.00	27.85 0.97 0.00	27.56 0.85 0.00	28.38 0.83 0.00	29.49 0.86 0.00	32.40 0.67 0.00	38.26 1.33 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.52 1.26 0.00	33.14 1.12 0.00	31.97 1.14 0.00	31.97 1.14 0.00	32.86 1.23 0.00	37.56 1.65 0.00	41.05 1.92 0.00	46.58 2.55 0.00	53.75 2.85 0.00	50.28 2.89 0.00	45.82 2.63 0.00	44.13 2.30 0.00	39.72 1.78 0.00	37.30 1.47 0.00	34.80 1.08 0.00
KIAC_JFK____ 323774	28.85 1.08 0.00	27.77 0.89 0.00	27.54 0.83 0.00	28.38 0.83 0.00	29.49 0.86 0.00	32.40 0.67 0.00	38.26 1.33 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.51 1.26 0.00	33.14 1.12 0.00	31.97 1.14 0.00	31.97 1.14 0.00	32.86 1.23 0.00	37.56 1.65 0.00	41.05 1.92 0.00	46.58 2.55 0.00	53.70 2.80 0.00	50.28 2.89 0.00	45.82 2.63 0.00	44.08 2.26 0.00	39.72 1.78 0.00	37.30 1.47 0.00	34.80 1.08 0.00
KINTIGH____ 23543	25.88 -1.89 0.00	25.13 -1.75 0.00	25.11 -1.60 0.00	25.90 -1.65 0.00	26.92 -1.72 0.00	30.18 -1.55 0.00	34.53 -2.40 0.00	38.38 -3.20 0.00	36.65 -2.84 0.00	30.32 -1.94 0.00	30.22 -1.79 0.00	29.01 -1.82 0.00	28.92 -1.91 0.00	29.54 -2.09 0.00	33.07 -2.84 0.00	35.65 -3.48 0.00	39.36 -4.67 0.00	45.96 -4.94 0.00	42.51 -4.88 0.00	38.82 -4.36 0.00	38.10 -3.72 0.00	34.98 -2.96 0.00	33.36 -2.47 0.00	31.80 -1.92 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.46 -0.31 0.00	26.69 -0.19 0.00	26.50 -0.21 0.00	27.33 -0.22 0.00	28.40 -0.23 0.00	31.86 0.13 0.00	37.23 0.30 0.00	42.20 0.62 0.00	40.28 0.79 0.00	33.00 0.74 0.00	32.91 0.90 0.00	31.76 0.92 0.00	31.97 1.14 0.00	32.93 1.30 0.00	37.56 1.65 0.00	40.89 1.76 0.00	45.48 1.45 0.00	52.38 1.48 0.00	48.72 1.33 0.00	44.31 1.12 0.00	43.00 1.17 0.00	39.30 1.37 0.00	36.98 1.15 0.00	34.97 1.25 0.00
LACHUTE__HYDRO 323717	29.40 1.64 0.00	28.30 1.42 0.00	28.18 1.47 0.00	29.15 1.60 0.00	30.35 1.72 0.00	33.73 2.00 0.00	39.66 2.73 0.00	44.74 3.16 0.00	42.34 2.85 0.00	34.26 2.00 0.00	33.87 1.86 0.00	32.50 1.66 0.00	32.56 1.73 0.00	33.46 1.83 0.00	38.03 2.12 0.00	41.87 2.74 0.00	47.68 3.65 0.00	55.18 4.28 0.00	51.38 3.98 0.00	46.73 3.54 0.00	45.05 3.22 0.00	40.70 2.77 0.00	38.27 2.44 0.00	35.88 2.16 0.00
LAWRNCV_115KV_TB1 80681	27.43 -0.33 0.00	26.66 -0.22 0.00	26.52 -0.19 0.00	27.33 -0.22 0.00	28.38 -0.26 0.00	31.64 -0.10 0.00	36.75 -0.18 0.00	41.58 0.00 0.00	39.53 0.04 0.00	32.29 0.03 0.00	32.11 0.10 0.00	30.92 0.09 0.00	31.02 0.18 0.00	31.85 0.22 0.00	36.30 0.39 0.00	39.49 0.35 0.00	43.90 -0.13 0.00	50.64 -0.25 0.00	47.11 -0.28 0.00	42.88 -0.30 0.00	41.91 0.08 0.00	38.05 0.11 0.00	36.01 0.18 0.00	34.16 0.44 0.00
LEDERLE____ 23769	29.02 1.25 0.00	28.04 1.16 0.00	27.75 1.04 0.00	28.60 1.05 0.00	29.72 1.09 0.00	32.71 0.98 0.00	38.41 1.48 0.00	43.41 1.83 0.00	41.15 1.66 0.00	33.52 1.26 0.00	33.17 1.15 0.00	31.94 1.11 0.00	31.94 1.11 0.00	32.83 1.20 0.00	37.45 1.54 0.00	40.93 1.80 0.00	46.49 2.47 0.00	53.65 2.75 0.00	50.14 2.75 0.00	45.73 2.55 0.00	44.08 2.26 0.00	39.76 1.82 0.00	37.45 1.61 0.00	35.01 1.28 0.00
LIGHTHSE_115KV_TB6 355974	27.02 -0.75 0.00	26.18 -0.70 0.00	26.04 -0.67 0.00	26.89 -0.66 0.00	27.92 -0.72 0.00	31.03 -0.70 0.00	35.97 -0.96 0.00	40.50 -1.08 0.00	38.51 -0.99 0.00	31.45 -0.81 0.00	31.22 -0.80 0.00	30.06 -0.77 0.00	30.06 -0.77 0.00	30.78 -0.85 0.00	34.98 -0.93 0.00	38.04 -1.10 0.00	42.62 -1.41 0.00	49.37 -1.53 0.00	45.92 -1.47 0.00	41.76 -1.43 0.00	40.49 -1.34 0.00	36.80 -1.14 0.00	34.80 -1.04 0.00	32.75 -0.98 0.00
LINDEN COGEN____ 23786	28.15 1.11 0.73	27.82 0.94 0.00	27.62 0.91 0.00	27.82 0.88 0.61	28.84 0.92 0.71	31.88 0.73 0.58	37.78 1.29 0.44	42.91 1.66 0.34	40.59 1.50 0.40	32.74 1.16 0.68	32.41 1.05 0.66	31.91 1.08 0.00	31.91 1.08 0.00	32.07 1.14 0.70	36.86 1.47 0.52	40.46 1.72 0.40	43.02 2.33 3.34	49.71 2.54 3.73	48.86 2.60 1.13	45.31 2.37 0.25	42.62 2.01 1.21	39.11 1.63 0.45	36.70 1.40 0.53	34.22 1.05 0.55
LINDHRST_69_KV_BK1 356055	29.77 2.00 0.00	28.52 1.64 0.00	28.18 1.47 0.00	28.93 1.38 0.00	30.12 1.49 0.00	33.32 1.59 0.00	39.37 2.44 0.00	44.70 3.12 0.00	41.94 2.45 0.00	33.90 1.65 0.00	33.52 1.50 0.00	32.25 1.42 0.00	32.37 1.54 0.00	33.40 1.77 0.00	38.78 2.87 0.00	42.42 3.29 0.00	49.20 4.27 -0.90	55.95 5.04 -0.01	52.37 4.88 -0.10	49.93 4.36 -2.38	45.77 3.93 -0.01	41.29 3.34 -0.01	38.63 2.80 0.00	35.88 2.16 0.00
LIPA_MISC_IPP 23656	29.85 2.08 0.00	28.57 1.69 0.00	28.23 1.52 0.00	28.98 1.43 0.00	30.21 1.57 0.00	33.41 1.68 0.00	39.52 2.59 0.00	44.91 3.33 0.00	42.18 2.69 0.00	33.97 1.71 0.00	33.62 1.60 0.00	32.40 1.57 0.00	32.50 1.66 0.00	33.50 1.87 0.00	38.96 3.05 0.00	42.66 3.52 0.00	49.47 4.62 -0.81	56.46 5.55 -0.01	52.79 5.31 -0.09	49.93 4.62 -2.12	45.98 4.14 -0.01	41.44 3.49 -0.01	38.70 2.87 0.00	35.92 2.19 0.00
LISF__SOLAR 323691	29.90 2.14 0.00	28.57 1.69 0.00	28.18 1.47 0.00	29.01 1.46 0.00	30.24 1.60 0.00	33.47 1.74 0.00	39.59 2.66 0.00	44.99 3.41 0.00	42.22 2.72 0.00	34.03 1.77 0.00	33.65 1.63 0.00	32.46 1.63 0.00	32.53 1.69 0.00	33.53 1.90 0.00	39.03 3.12 0.00	42.89 3.76 0.00	49.60 4.76 -0.82	56.56 5.65 -0.01	52.93 5.45 -0.09	49.89 4.58 -2.12	46.02 4.18 -0.01	41.51 3.56 -0.01	38.77 2.94 0.00	35.98 2.26 0.00

LITTLE FALLS___HYD 24013	28.38 0.61 0.00	27.50 0.62 0.00	27.38 0.67 0.00	28.27 0.72 0.00	29.41 0.77 0.00	32.71 0.98 0.00	38.08 1.14 0.00	43.03 1.46 0.00	41.00 1.50 0.00	33.52 1.26 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.10 1.26 0.00	32.86 1.23 0.00	37.20 1.29 0.00	40.42 1.29 0.00	45.22 1.19 0.00	52.02 1.12 0.00	48.34 0.95 0.00	43.96 0.78 0.00	42.54 0.71 0.00	38.70 0.76 0.00	36.55 0.72 0.00	34.40 0.67 0.00
LITTLRIV_115KV_TB1 356100	27.71 -0.06 0.00	26.93 0.05 0.00	26.82 0.11 0.00	27.66 0.11 0.00	28.69 0.06 0.00	32.05 0.32 0.00	37.26 0.33 0.00	42.20 0.62 0.00	40.13 0.63 0.00	32.71 0.45 0.00	32.53 0.51 0.00	31.29 0.46 0.00	31.39 0.55 0.00	32.23 0.60 0.00	36.77 0.86 0.00	39.99 0.86 0.00	44.51 0.48 0.00	51.36 0.46 0.00	47.77 0.38 0.00	43.49 0.30 0.00	42.45 0.63 0.00	38.51 0.57 0.00	36.48 0.65 0.00	34.57 0.84 0.00
LI_NEWBRDGE___DRP 323616	29.24 1.47 0.00	28.06 1.18 0.00	27.75 1.04 0.00	28.49 0.94 0.00	29.66 1.03 0.00	32.78 1.05 0.00	38.67 1.74 0.00	43.87 2.29 0.00	41.19 1.70 0.00	33.32 1.06 0.00	32.98 0.96 0.00	31.73 0.89 0.00	31.82 0.99 0.00	32.80 1.17 0.00	38.03 2.12 0.00	41.60 2.47 0.00	47.96 3.17 -0.77	54.52 3.61 -0.01	51.03 3.55 -0.08	48.44 3.28 -1.97	44.76 2.93 -0.01	40.45 2.50 -0.01	37.88 2.04 0.00	35.24 1.52 0.00
LOCKPORT_115KV_TB60_63_64 80432	25.77 -2.00 0.00	25.03 -1.85 0.00	25.08 -1.63 0.00	25.87 -1.68 0.00	26.94 -1.69 0.00	30.27 -1.46 0.00	34.57 -2.36 0.00	38.34 -3.24 0.00	36.69 -2.80 0.00	30.35 -1.90 0.00	30.29 -1.73 0.00	29.04 -1.79 0.00	28.95 -1.88 0.00	29.54 -2.09 0.00	32.96 -2.94 0.00	35.45 -3.68 0.00	39.01 -5.02 0.00	45.61 -5.29 0.00	42.13 -5.26 0.00	38.48 -4.71 0.00	37.94 -3.89 0.00	34.90 -3.03 0.00	33.36 -2.47 0.00	31.90 -1.82 0.00
LOCKPORT___CC1 323769	25.77 -2.00 0.00	25.21 -1.67 0.00	25.16 -1.55 0.00	25.87 -1.68 0.00	26.94 -1.69 0.00	30.40 -1.33 0.00	34.60 -2.33 0.00	38.29 -3.29 0.00	36.65 -2.84 0.00	30.39 -1.87 0.00	30.32 -1.70 0.00	29.04 -1.79 0.00	28.92 -1.91 0.00	29.54 -2.09 0.00	32.93 -2.98 0.00	35.50 -3.64 0.00	39.01 -5.02 0.00	45.66 -5.24 0.00	42.09 -5.31 0.00	38.48 -4.71 0.00	38.56 -3.26 0.00	34.90 -3.04 0.00	33.36 -2.47 0.00	31.94 -1.79 0.00
LOCKPORT___CC2 323770	25.77 -2.00 0.00	25.21 -1.67 0.00	25.16 -1.55 0.00	25.87 -1.68 0.00	26.94 -1.69 0.00	30.40 -1.33 0.00	34.60 -2.33 0.00	38.29 -3.29 0.00	36.65 -2.84 0.00	30.39 -1.87 0.00	30.32 -1.70 0.00	29.04 -1.79 0.00	28.92 -1.91 0.00	29.54 -2.09 0.00	32.93 -2.98 0.00	35.50 -3.64 0.00	39.01 -5.02 0.00	45.66 -5.24 0.00	42.09 -5.31 0.00	38.48 -4.71 0.00	38.56 -3.26 0.00	34.90 -3.04 0.00	33.36 -2.47 0.00	31.94 -1.79 0.00
LOCKPORT___CC3 323771	25.77 -2.00 0.00	25.21 -1.67 0.00	25.16 -1.55 0.00	25.87 -1.68 0.00	26.94 -1.69 0.00	30.40 -1.33 0.00	34.60 -2.33 0.00	38.29 -3.29 0.00	36.65 -2.84 0.00	30.39 -1.87 0.00	30.32 -1.70 0.00	29.04 -1.79 0.00	28.92 -1.91 0.00	29.54 -2.09 0.00	32.93 -2.98 0.00	35.50 -3.64 0.00	39.01 -5.02 0.00	45.66 -5.24 0.00	42.09 -5.31 0.00	38.48 -4.71 0.00	38.56 -3.26 0.00	34.90 -3.04 0.00	33.36 -2.47 0.00	31.94 -1.79 0.00
LONG_LAKE_PHOENIX 24014	27.04 -0.72 0.00	26.18 -0.70 0.00	26.04 -0.67 0.00	26.89 -0.66 0.00	27.92 -0.72 0.00	31.00 -0.73 0.00	35.90 -1.03 0.00	40.33 -1.25 0.00	38.31 -1.18 0.00	31.32 -0.94 0.00	31.09 -0.93 0.00	29.94 -0.89 0.00	29.94 -0.89 0.00	30.65 -0.98 0.00	34.72 -1.19 0.00	37.84 -1.29 0.00	42.53 -1.50 0.00	49.27 -1.63 0.00	45.83 -1.56 0.00	41.76 -1.43 0.00	40.49 -1.34 0.00	36.76 -1.18 0.00	34.72 -1.11 0.00	32.65 -1.08 0.00
LOVETT___3 23632	28.88 1.11 0.00	27.90 1.02 0.00	27.64 0.93 0.00	28.49 0.94 0.00	29.61 0.97 0.00	32.56 0.82 0.00	38.26 1.33 0.00	43.20 1.62 0.00	40.96 1.46 0.00	33.39 1.13 0.00	33.04 1.02 0.00	31.82 0.99 0.00	31.82 0.99 0.00	32.70 1.08 0.00	37.31 1.40 0.00	40.78 1.64 0.00	46.27 2.25 0.00	53.44 2.54 0.00	49.91 2.51 0.00	45.52 2.33 0.00	43.87 2.05 0.00	39.61 1.67 0.00	37.30 1.47 0.00	34.87 1.15 0.00
LOVETT___4 23642	28.88 1.11 0.00	27.90 1.02 0.00	27.64 0.93 0.00	28.49 0.94 0.00	29.61 0.97 0.00	32.56 0.82 0.00	38.26 1.33 0.00	43.20 1.62 0.00	40.96 1.46 0.00	33.39 1.13 0.00	33.04 1.02 0.00	31.82 0.99 0.00	31.82 0.99 0.00	32.70 1.08 0.00	37.31 1.40 0.00	40.78 1.64 0.00	46.27 2.25 0.00	53.44 2.54 0.00	49.91 2.51 0.00	45.52 2.33 0.00	43.87 2.05 0.00	39.61 1.67 0.00	37.30 1.47 0.00	34.87 1.15 0.00
LOVETT___5 23593	28.88 1.11 0.00	27.90 1.02 0.00	27.64 0.93 0.00	28.49 0.94 0.00	29.61 0.97 0.00	32.56 0.82 0.00	38.26 1.33 0.00	43.20 1.62 0.00	40.96 1.46 0.00	33.39 1.13 0.00	33.04 1.02 0.00	31.82 0.99 0.00	31.82 0.99 0.00	32.70 1.08 0.00	37.31 1.40 0.00	40.78 1.64 0.00	46.27 2.25 0.00	53.44 2.54 0.00	49.91 2.51 0.00	45.52 2.33 0.00	43.87 2.05 0.00	39.61 1.67 0.00	37.30 1.47 0.00	34.87 1.15 0.00
LOWER RAQUET___HYD 24057	27.29 -0.47 0.00	26.50 -0.38 0.00	26.36 -0.35 0.00	27.19 -0.36 0.00	28.23 -0.40 0.00	31.48 -0.25 0.00	36.56 -0.37 0.00	41.37 -0.21 0.00	39.34 -0.16 0.00	32.13 -0.13 0.00	31.95 -0.06 0.00	30.77 -0.06 0.00	30.86 0.03 0.00	31.69 0.06 0.00	36.13 0.22 0.00	39.29 0.16 0.00	43.72 -0.31 0.00	50.39 -0.51 0.00	46.87 -0.52 0.00	42.67 -0.52 0.00	41.70 -0.13 0.00	37.82 -0.11 0.00	35.87 0.04 0.00	33.99 0.27 0.00
LOWER___HUDSON 24059	28.93 1.17 0.00	27.93 1.05 0.00	27.72 1.01 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.78 1.05 0.00	38.30 1.37 0.00	43.12 1.54 0.00	40.88 1.38 0.00	33.39 1.13 0.00	33.11 1.09 0.00	31.88 1.05 0.00	31.82 0.99 0.00	32.67 1.04 0.00	36.99 1.08 0.00	40.46 1.33 0.00	45.79 1.76 0.00	52.88 1.98 0.00	49.29 1.90 0.00	44.96 1.77 0.00	43.33 1.50 0.00	39.34 1.40 0.00	37.12 1.29 0.00	34.84 1.11 0.00
LOWVILLE_115KV_TB2 356335	27.13 -0.64 0.00	26.29 -0.59 0.00	26.18 -0.53 0.00	27.00 -0.55 0.00	28.03 -0.60 0.00	31.25 -0.48 0.00	36.56 -0.37 0.00	41.50 -0.08 0.00	39.46 -0.04 0.00	32.35 0.10 0.00	32.11 0.10 0.00	30.89 0.06 0.00	30.89 0.06 0.00	31.66 0.03 0.00	36.09 0.18 0.00	39.02 -0.12 0.00	43.72 -0.31 0.00	50.49 -0.41 0.00	46.78 -0.62 0.00	42.50 -0.69 0.00	41.20 -0.63 0.00	37.29 -0.64 0.00	35.26 -0.57 0.00	33.18 -0.54 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.96 1.19 0.00	27.95 1.08 0.00	27.78 1.07 0.00	28.65 1.10 0.00	29.81 1.17 0.00	32.97 1.24 0.00	38.52 1.59 0.00	43.41 1.83 0.00	41.11 1.62 0.00	33.45 1.19 0.00	33.14 1.12 0.00	31.88 1.05 0.00	31.88 1.05 0.00	32.74 1.11 0.00	37.17 1.26 0.00	40.74 1.60 0.00	46.10 2.07 0.00	53.29 2.39 0.00	49.67 2.27 0.00	45.22 2.03 0.00	43.71 1.88 0.00	39.57 1.63 0.00	37.30 1.47 0.00	35.04 1.32 0.00

LUTHERNY_35_KV_BK2 355980	28.96 1.19 0.00	27.98 1.10 0.00	27.78 1.07 0.00	28.68 1.13 0.00	29.84 1.20 0.00	32.97 1.24 0.00	38.56 1.62 0.00	43.41 1.83 0.00	41.15 1.66 0.00	33.48 1.23 0.00	33.17 1.15 0.00	31.91 1.08 0.00	31.88 1.05 0.00	32.74 1.11 0.00	37.17 1.26 0.00	40.74 1.60 0.00	46.14 2.11 0.00	53.34 2.44 0.00	49.72 2.32 0.00	45.26 2.07 0.00	43.75 1.92 0.00	39.61 1.67 0.00	37.34 1.51 0.00	35.04 1.32 0.00
LWR___OSWEGATCHIE_HYD 23850	26.91 -0.86 0.00	26.10 -0.78 0.00	25.96 -0.75 0.00	26.78 -0.77 0.00	27.80 -0.83 0.00	31.00 -0.73 0.00	36.12 -0.81 0.00	40.91 -0.67 0.00	38.94 -0.55 0.00	31.84 -0.42 0.00	31.60 -0.42 0.00	30.43 -0.40 0.00	30.49 -0.34 0.00	31.28 -0.35 0.00	35.66 -0.25 0.00	38.70 -0.43 0.00	43.19 -0.84 0.00	49.83 -1.07 0.00	46.30 -1.09 0.00	42.11 -1.08 0.00	40.99 -0.84 0.00	37.14 -0.80 0.00	35.15 -0.68 0.00	33.22 -0.51 0.00
LYONS_FALL_HYD 23570	27.57 -0.19 0.00	26.72 -0.16 0.00	26.58 -0.13 0.00	27.44 -0.11 0.00	28.46 -0.17 0.00	31.73 0.00 0.00	37.04 0.11 0.00	41.91 0.33 0.00	39.85 0.35 0.00	32.58 0.32 0.00	32.34 0.32 0.00	31.11 0.28 0.00	31.11 0.28 0.00	31.88 0.25 0.00	36.31 0.40 0.00	39.37 0.24 0.00	44.21 0.18 0.00	51.10 0.20 0.00	47.44 0.05 0.00	43.06 -0.13 0.00	41.78 -0.04 0.00	37.82 -0.11 0.00	35.73 -0.11 0.00	33.62 -0.10 0.00
MADISON___COUNTY_LFGE 323628	28.21 0.44 0.00	27.34 0.46 0.00	27.19 0.48 0.00	28.07 0.52 0.00	29.15 0.52 0.00	32.46 0.73 0.00	37.82 0.89 0.00	42.58 1.00 0.00	40.44 0.95 0.00	32.97 0.71 0.00	32.72 0.70 0.00	31.48 0.65 0.00	31.45 0.62 0.00	32.23 0.60 0.00	36.63 0.72 0.00	39.88 0.74 0.00	44.82 0.79 0.00	51.82 0.92 0.00	48.20 0.81 0.00	43.83 0.65 0.00	42.45 0.63 0.00	38.47 0.53 0.00	36.34 0.50 0.00	34.33 0.61 0.00
MALONE___115KV_TB1 356076	27.43 -0.33 0.00	26.66 -0.22 0.00	26.50 -0.21 0.00	27.30 -0.25 0.00	28.38 -0.26 0.00	31.79 0.06 0.00	37.11 0.18 0.00	42.08 0.50 0.00	40.13 0.63 0.00	32.84 0.58 0.00	32.72 0.70 0.00	31.54 0.71 0.00	31.73 0.89 0.00	32.67 1.04 0.00	37.24 1.33 0.00	40.54 1.41 0.00	45.22 1.19 0.00	52.12 1.22 0.00	48.48 1.09 0.00	44.14 0.95 0.00	42.87 1.05 0.00	39.00 1.06 0.00	36.73 0.90 0.00	34.77 1.05 0.00
MAPLEWOD_115KV_TB3 80458	28.82 1.06 0.00	27.85 0.97 0.00	27.64 0.93 0.00	28.51 0.96 0.00	29.66 1.03 0.00	32.71 0.98 0.00	38.22 1.29 0.00	43.03 1.46 0.00	40.80 1.30 0.00	33.32 1.06 0.00	33.01 0.99 0.00	31.76 0.92 0.00	31.73 0.89 0.00	32.58 0.95 0.00	36.88 0.97 0.00	40.31 1.17 0.00	45.53 1.50 0.00	52.63 1.73 0.00	49.05 1.66 0.00	44.70 1.51 0.00	43.16 1.34 0.00	39.11 1.18 0.00	36.95 1.11 0.00	34.77 1.05 0.00
MAPLE_RIDGE_WT_1 323574	27.16 -0.61 0.00	26.31 -0.57 0.00	26.20 -0.51 0.00	27.05 -0.50 0.00	28.17 -0.46 0.00	31.32 -0.41 0.00	36.56 -0.37 0.00	41.29 -0.29 0.00	39.30 -0.20 0.00	32.16 -0.10 0.00	31.98 -0.03 0.00	30.83 0.00 0.00	30.86 0.03 0.00	31.69 0.06 0.00	35.98 0.07 0.00	39.13 0.00 0.00	43.85 -0.18 0.00	50.49 -0.41 0.00	46.92 -0.47 0.00	42.71 -0.47 0.00	41.33 -0.50 0.00	37.48 -0.45 0.00	35.41 -0.43 0.00	33.42 -0.30 0.00
MAPLE_RIDGE_WT_2 323611	27.16 -0.61 0.00	26.31 -0.57 0.00	26.20 -0.51 0.00	27.05 -0.50 0.00	28.17 -0.46 0.00	31.32 -0.41 0.00	36.56 -0.37 0.00	41.29 -0.29 0.00	39.30 -0.20 0.00	32.16 -0.10 0.00	31.98 -0.03 0.00	30.83 0.00 0.00	30.86 0.03 0.00	31.69 0.06 0.00	35.98 0.07 0.00	39.13 0.00 0.00	43.85 -0.18 0.00	50.49 -0.41 0.00	46.92 -0.47 0.00	42.71 -0.47 0.00	41.33 -0.50 0.00	37.48 -0.45 0.00	35.41 -0.43 0.00	33.42 -0.30 0.00
MARBLE_RIVER_WT_PWR 323696	27.13 -0.64 0.00	26.31 -0.57 0.00	26.15 -0.56 0.00	26.94 -0.61 0.00	28.03 -0.60 0.00	31.32 -0.41 0.00	36.60 -0.33 0.00	41.45 -0.12 0.00	39.53 0.04 0.00	32.42 0.16 0.00	32.30 0.29 0.00	31.20 0.37 0.00	31.39 0.56 0.00	32.32 0.69 0.00	36.84 0.93 0.00	40.15 1.02 0.00	44.73 0.70 0.00	51.56 0.66 0.00	47.92 0.52 0.00	43.62 0.43 0.00	42.29 0.46 0.00	38.54 0.61 0.00	36.34 0.50 0.00	34.30 0.57 0.00
MARSHVLE_115KV_TB1 80742	28.90 1.14 0.00	27.93 1.05 0.00	27.75 1.04 0.00	28.68 1.13 0.00	29.84 1.20 0.00	33.16 1.43 0.00	38.74 1.81 0.00	43.74 2.16 0.00	41.31 1.82 0.00	33.22 0.97 0.00	32.69 0.67 0.00	31.26 0.43 0.00	31.39 0.55 0.00	32.20 0.57 0.00	36.63 0.72 0.00	40.58 1.45 0.00	46.27 2.25 0.00	53.60 2.70 0.00	49.95 2.56 0.00	45.39 2.20 0.00	43.92 2.09 0.00	39.91 1.97 0.00	37.56 1.72 0.00	35.24 1.52 0.00
MARSH_HILL_WT_PWR 323713	26.60 -1.17 0.00	26.05 -0.83 0.00	26.04 -0.67 0.00	27.00 -0.55 0.00	28.29 -0.34 0.00	31.95 0.22 0.00	36.89 -0.04 0.00	41.20 -0.37 0.00	39.34 -0.16 0.00	32.26 0.00 0.00	31.98 -0.03 0.00	30.58 -0.25 0.00	30.43 -0.40 0.00	31.06 -0.57 0.00	34.94 -0.97 0.00	37.69 -1.45 0.00	41.61 -2.42 0.00	48.41 -2.49 0.00	44.69 -2.70 0.00	40.64 -2.55 0.00	39.94 -1.88 0.00	36.57 -1.36 0.00	35.01 -0.82 0.00	33.66 -0.07 0.00
MCINTYRE_115KV_TB2 80467	28.04 0.28 0.00	27.26 0.38 0.00	27.14 0.43 0.00	27.99 0.44 0.00	29.03 0.40 0.00	32.46 0.73 0.00	37.78 0.85 0.00	42.79 1.21 0.00	40.64 1.15 0.00	33.13 0.87 0.00	32.91 0.90 0.00	31.69 0.86 0.00	31.79 0.96 0.00	32.64 1.01 0.00	37.24 1.33 0.00	40.50 1.37 0.00	45.09 1.06 0.00	52.02 1.12 0.00	48.39 1.00 0.00	44.05 0.86 0.00	43.04 1.21 0.00	39.04 1.10 0.00	36.91 1.08 0.00	34.94 1.21 0.00
MECO_____69_KV_BK1 80468	29.54 1.78 0.00	28.52 1.64 0.00	28.37 1.66 0.00	29.31 1.76 0.00	30.47 1.83 0.00	33.86 2.13 0.00	39.66 2.73 0.00	44.70 3.12 0.00	42.22 2.73 0.00	34.03 1.77 0.00	33.55 1.54 0.00	32.16 1.33 0.00	32.25 1.42 0.00	33.08 1.45 0.00	37.63 1.72 0.00	41.60 2.47 0.00	47.33 3.30 0.00	54.87 3.97 0.00	51.14 3.74 0.00	46.51 3.33 0.00	45.00 3.18 0.00	40.78 2.85 0.00	38.34 2.51 0.00	36.02 2.29 0.00
MENANDS___115KV_TB5 355628	28.79 1.03 0.00	27.82 0.94 0.00	27.62 0.91 0.00	28.46 0.91 0.00	29.61 0.97 0.00	32.65 0.92 0.00	38.15 1.22 0.00	42.91 1.33 0.00	40.72 1.22 0.00	33.26 1.00 0.00	32.94 0.93 0.00	31.69 0.86 0.00	31.66 0.83 0.00	32.51 0.89 0.00	36.77 0.86 0.00	40.15 1.02 0.00	45.35 1.32 0.00	52.43 1.53 0.00	48.82 1.42 0.00	44.53 1.34 0.00	43.00 1.17 0.00	38.96 1.02 0.00	36.84 1.00 0.00	34.70 0.98 0.00
MG INDUSTRY___DRP 24185	28.74 0.97 0.00	27.79 0.91 0.00	27.59 0.88 0.00	28.46 0.91 0.00	29.61 0.97 0.00	32.68 0.95 0.00	38.15 1.22 0.00	42.91 1.33 0.00	40.64 1.15 0.00	33.13 0.87 0.00	32.78 0.77 0.00	31.54 0.71 0.00	31.54 0.71 0.00	32.39 0.76 0.00	36.70 0.79 0.00	40.11 0.98 0.00	45.31 1.28 0.00	52.38 1.48 0.00	48.82 1.42 0.00	44.48 1.30 0.00	43.04 1.21 0.00	39.00 1.06 0.00	36.84 1.00 0.00	34.70 0.98 0.00

MID___OSWEGATCHIE_HYD 23849	26.91 -0.86 0.00	26.10 -0.78 0.00	25.96 -0.75 0.00	26.78 -0.77 0.00	27.80 -0.83 0.00	31.00 -0.73 0.00	36.12 -0.81 0.00	40.91 -0.67 0.00	38.94 -0.55 0.00	31.84 -0.42 0.00	31.60 -0.42 0.00	30.43 -0.40 0.00	30.49 -0.34 0.00	31.28 -0.35 0.00	35.66 -0.25 0.00	38.70 -0.43 0.00	43.19 -0.84 0.00	49.83 -1.07 0.00	46.30 -1.09 0.00	42.11 -1.08 0.00	40.99 -0.84 0.00	37.14 -0.80 0.00	35.15 -0.68 0.00	33.22 -0.51 0.00
MID___RAQUETTE_HYD 23851	27.29 -0.47 0.00	26.53 -0.35 0.00	26.36 -0.35 0.00	27.19 -0.36 0.00	28.23 -0.40 0.00	31.48 -0.25 0.00	36.56 -0.37 0.00	41.37 -0.21 0.00	39.34 -0.16 0.00	32.13 -0.13 0.00	31.95 -0.06 0.00	30.77 -0.06 0.00	30.86 0.03 0.00	31.69 0.06 0.00	36.12 0.22 0.00	39.29 0.16 0.00	43.72 -0.31 0.00	50.39 -0.51 0.00	46.87 -0.52 0.00	42.67 -0.52 0.00	41.70 -0.13 0.00	37.82 -0.11 0.00	35.87 0.04 0.00	33.99 0.27 0.00
MILLIKEN___1 23584	27.82 0.06 0.00	26.93 0.05 0.00	26.84 0.13 0.00	27.72 0.17 0.00	28.81 0.17 0.00	32.08 0.35 0.00	37.26 0.33 0.00	41.66 0.08 0.00	39.61 0.12 0.00	32.32 0.06 0.00	32.08 0.06 0.00	30.83 0.00 0.00	30.77 -0.06 0.00	31.53 -0.09 0.00	35.80 -0.11 0.00	38.98 -0.16 0.00	43.85 -0.18 0.00	51.05 0.15 0.00	47.49 0.09 0.00	43.27 0.09 0.00	41.95 0.13 0.00	38.09 0.15 0.00	35.98 0.14 0.00	33.89 0.17 0.00
MILLIKEN___2 23585	27.82 0.06 0.00	26.93 0.05 0.00	26.84 0.13 0.00	27.72 0.17 0.00	28.81 0.17 0.00	32.08 0.35 0.00	37.26 0.33 0.00	41.66 0.08 0.00	39.61 0.12 0.00	32.32 0.06 0.00	32.08 0.06 0.00	30.83 0.00 0.00	30.77 -0.06 0.00	31.53 -0.09 0.00	35.80 -0.11 0.00	38.98 -0.16 0.00	43.85 -0.18 0.00	51.05 0.15 0.00	47.49 0.09 0.00	43.27 0.09 0.00	41.95 0.13 0.00	38.09 0.15 0.00	35.98 0.14 0.00	33.89 0.17 0.00
MILLIKEN___DIESEL 23629	27.82 0.06 0.00	26.93 0.05 0.00	26.84 0.13 0.00	27.72 0.17 0.00	28.81 0.17 0.00	32.08 0.35 0.00	37.26 0.33 0.00	41.66 0.08 0.00	39.61 0.12 0.00	32.32 0.06 0.00	32.08 0.06 0.00	30.83 0.00 0.00	30.77 -0.06 0.00	31.53 -0.09 0.00	35.80 -0.11 0.00	38.98 -0.16 0.00	43.85 -0.18 0.00	51.05 0.15 0.00	47.49 0.09 0.00	43.27 0.09 0.00	41.95 0.13 0.00	38.09 0.15 0.00	35.98 0.14 0.00	33.89 0.17 0.00
MILLSEAT___LFGE 323607	26.24 -1.53 0.00	25.67 -1.21 0.00	25.59 -1.12 0.00	26.34 -1.21 0.00	27.40 -1.23 0.00	30.91 -0.83 0.00	35.38 -1.55 0.00	39.29 -2.29 0.00	37.52 -1.97 0.00	31.00 -1.26 0.00	30.93 -1.09 0.00	29.63 -1.20 0.00	29.54 -1.29 0.00	30.11 -1.52 0.00	33.72 -2.19 0.00	36.36 -2.78 0.00	40.11 -3.92 0.00	46.98 -3.92 0.00	43.36 -4.03 0.00	39.56 -3.63 0.00	39.57 -2.26 0.00	35.74 -2.20 0.00	34.08 -1.76 0.00	32.51 -1.21 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.04 1.28 0.00	28.04 1.16 0.00	27.78 1.07 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.71 0.98 0.00	38.44 1.51 0.00	43.41 1.83 0.00	41.19 1.70 0.00	33.55 1.29 0.00	33.20 1.18 0.00	31.97 1.14 0.00	31.97 1.14 0.00	32.86 1.23 0.00	37.49 1.58 0.00	40.97 1.84 0.00	46.45 2.42 0.00	53.65 2.75 0.00	50.14 2.75 0.00	45.69 2.50 0.00	44.08 2.26 0.00	39.76 1.82 0.00	37.45 1.61 0.00	35.01 1.28 0.00
MILLWOOD_13_KV_LOAD 356217	29.07 1.31 0.00	28.09 1.21 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.81 1.17 0.00	32.75 1.02 0.00	38.52 1.59 0.00	43.53 1.95 0.00	41.27 1.78 0.00	33.61 1.35 0.00	33.23 1.22 0.00	32.00 1.17 0.00	32.03 1.20 0.00	32.93 1.30 0.00	37.60 1.69 0.00	41.09 1.96 0.00	46.58 2.55 0.00	53.80 2.90 0.00	50.28 2.89 0.00	45.82 2.63 0.00	44.17 2.34 0.00	39.83 1.90 0.00	37.52 1.68 0.00	35.07 1.35 0.00
MODEL_CITY_ENERGY 24167	25.49 -2.28 0.00	24.94 -1.94 0.00	24.89 -1.82 0.00	25.59 -1.96 0.00	26.66 -1.98 0.00	30.05 -1.68 0.00	34.16 -2.77 0.00	37.80 -3.78 0.00	36.18 -3.32 0.00	30.00 -2.26 0.00	29.97 -2.05 0.00	28.67 -2.16 0.00	28.58 -2.25 0.00	29.19 -2.43 0.00	32.53 -3.38 0.00	35.02 -4.11 0.00	38.48 -5.55 0.00	45.05 -5.85 0.00	41.52 -5.88 0.00	37.96 -5.23 0.00	38.06 -3.76 0.00	34.48 -3.45 0.00	32.97 -2.87 0.00	31.57 -2.16 0.00
MODERN_LFGE___ 323580	25.49 -2.28 0.00	24.94 -1.94 0.00	24.89 -1.82 0.00	25.59 -1.96 0.00	26.66 -1.98 0.00	30.05 -1.68 0.00	34.16 -2.77 0.00	37.80 -3.78 0.00	36.18 -3.32 0.00	30.00 -2.26 0.00	29.97 -2.05 0.00	28.67 -2.16 0.00	28.58 -2.25 0.00	29.19 -2.43 0.00	32.53 -3.38 0.00	35.02 -4.11 0.00	38.48 -5.55 0.00	45.05 -5.85 0.00	41.52 -5.88 0.00	37.96 -5.23 0.00	38.06 -3.76 0.00	34.48 -3.45 0.00	32.97 -2.87 0.00	31.57 -2.16 0.00
MOHAWK_PAPER___DRP 24187	28.82 1.06 0.00	27.85 0.97 0.00	27.64 0.93 0.00	28.51 0.96 0.00	29.66 1.03 0.00	32.71 0.98 0.00	38.22 1.29 0.00	43.03 1.46 0.00	40.80 1.30 0.00	33.32 1.06 0.00	33.01 0.99 0.00	31.76 0.92 0.00	31.73 0.89 0.00	32.58 0.95 0.00	36.88 0.97 0.00	40.31 1.17 0.00	45.53 1.50 0.00	52.63 1.73 0.00	49.05 1.66 0.00	44.70 1.51 0.00	43.16 1.34 0.00	39.11 1.18 0.00	36.95 1.11 0.00	34.77 1.05 0.00
MOHICAN___35_KV_115KV_LD 80490	28.79 1.03 0.00	27.77 0.89 0.00	27.59 0.88 0.00	28.49 0.94 0.00	29.64 1.00 0.00	32.81 1.08 0.00	38.41 1.48 0.00	43.33 1.75 0.00	41.04 1.54 0.00	33.35 1.10 0.00	33.01 0.99 0.00	31.73 0.89 0.00	31.76 0.92 0.00	32.61 0.98 0.00	37.02 1.11 0.00	40.66 1.53 0.00	46.14 2.11 0.00	53.34 2.44 0.00	49.72 2.32 0.00	45.22 2.03 0.00	43.71 1.88 0.00	39.49 1.56 0.00	37.20 1.36 0.00	34.90 1.18 0.00
MONGAUP___HYD 23641	28.93 1.17 0.00	27.93 1.05 0.00	27.67 0.96 0.00	28.54 0.99 0.00	29.69 1.06 0.00	32.72 0.98 0.00	38.37 1.44 0.00	43.28 1.71 0.00	41.03 1.54 0.00	33.39 1.13 0.00	32.98 0.96 0.00	31.73 0.89 0.00	31.73 0.89 0.00	32.61 0.98 0.00	37.24 1.33 0.00	40.74 1.61 0.00	46.40 2.38 0.00	53.59 2.70 0.00	50.05 2.65 0.00	45.56 2.37 0.00	43.83 2.01 0.00	39.57 1.63 0.00	37.34 1.50 0.00	35.01 1.28 0.00
MONTAUK___DIESEL 23721	29.71 1.94 0.00	28.44 1.56 0.00	28.10 1.39 0.00	28.90 1.35 0.00	30.24 1.60 0.00	33.70 1.97 0.00	40.00 3.07 0.00	45.74 4.16 0.00	43.05 3.55 0.00	34.61 2.35 0.00	34.23 2.21 0.00	32.99 2.16 0.00	33.08 2.25 0.00	34.13 2.50 0.00	39.75 3.84 0.00	43.56 4.42 0.00	50.61 5.77 -0.81	57.68 6.77 -0.01	53.69 6.21 -0.09	50.45 5.14 -2.12	46.18 4.35 -0.01	41.47 3.53 -0.01	38.52 2.69 0.00	35.92 2.19 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.29 -1.47 0.00	25.72 -1.16 0.00	25.96 -0.75 0.00	26.92 -0.63 0.00	28.18 -0.46 0.00	31.76 0.03 0.00	36.52 -0.41 0.00	40.62 -0.96 0.00	38.86 -0.63 0.00	31.97 -0.29 0.00	31.63 -0.38 0.00	30.12 -0.71 0.00	30.03 -0.80 0.00	30.62 -1.01 0.00	34.15 -1.76 0.00	36.82 -2.31 0.00	40.64 -3.39 0.00	47.49 -3.41 0.00	44.08 -3.32 0.00	40.29 -2.89 0.00	39.73 -2.09 0.00	36.53 -1.40 0.00	34.98 -0.86 0.00	33.39 -0.34 0.00

MORRIS_RIDGE___SOLAR 323848	26.35 -1.42 0.00	25.78 -1.10 0.00	25.77 -0.94 0.00	26.59 -0.97 0.00	27.78 -0.86 0.00	31.29 -0.44 0.00	35.97 -0.96 0.00	40.08 -1.50 0.00	38.27 -1.22 0.00	31.42 -0.84 0.00	31.22 -0.80 0.00	29.81 -1.02 0.00	29.72 -1.11 0.00	30.36 -1.27 0.00	34.15 -1.76 0.00	36.86 -2.27 0.00	40.86 -3.17 0.00	47.64 -3.26 0.00	44.03 -3.36 0.00	40.21 -2.98 0.00	39.78 -2.05 0.00	36.15 -1.78 0.00	34.47 -1.36 0.00	32.95 -0.77 0.00
MORTIMER_115KV_TB3 55949	26.54 -1.22 0.00	25.78 -1.10 0.00	25.70 -1.01 0.00	26.50 -1.05 0.00	27.52 -1.12 0.00	30.81 -0.92 0.00	35.49 -1.44 0.00	39.67 -1.91 0.00	37.76 -1.74 0.00	31.06 -1.19 0.00	30.93 -1.09 0.00	29.75 -1.08 0.00	29.69 -1.14 0.00	30.30 -1.33 0.00	34.15 -1.76 0.00	36.94 -2.19 0.00	41.08 -2.95 0.00	47.85 -3.05 0.00	44.36 -3.03 0.00	40.47 -2.72 0.00	39.57 -2.26 0.00	36.12 -1.82 0.00	34.29 -1.54 0.00	32.48 -1.25 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.13 1.36 0.00	28.12 1.24 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.75 1.02 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.31 1.82 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.85 2.95 0.00	50.38 2.99 0.00	45.91 2.72 0.00	44.25 2.43 0.00	39.91 1.97 0.00	37.56 1.72 0.00	35.07 1.35 0.00
MUNSVILLE_WIND_PWR 323609	29.13 1.36 0.00	28.36 1.48 0.00	28.34 1.63 0.00	29.31 1.76 0.00	30.44 1.81 0.00	34.30 2.57 0.00	40.11 3.18 0.00	48.81 7.23 0.00	46.21 6.71 0.00	37.03 4.77 0.00	36.56 4.54 0.00	34.93 4.10 0.00	34.62 3.79 0.00	35.20 3.57 0.00	40.58 4.67 0.00	44.57 5.44 0.00	50.37 6.34 0.00	54.77 3.87 0.00	50.81 3.41 0.00	45.99 2.81 0.00	44.84 3.01 0.00	40.48 2.54 0.00	38.38 2.54 0.00	36.22 2.50 0.00
N SALMON___HYD 24042	27.43 -0.33 0.00	26.66 -0.22 0.00	26.50 -0.21 0.00	27.30 -0.25 0.00	28.38 -0.26 0.00	31.79 0.06 0.00	37.12 0.19 0.00	42.08 0.50 0.00	40.12 0.63 0.00	32.84 0.58 0.00	32.72 0.70 0.00	31.54 0.71 0.00	31.73 0.89 0.00	32.67 1.04 0.00	37.24 1.33 0.00	40.54 1.41 0.00	45.22 1.19 0.00	52.12 1.22 0.00	48.48 1.09 0.00	44.14 0.95 0.00	42.87 1.05 0.00	39.00 1.06 0.00	36.73 0.90 0.00	34.77 1.05 0.00
N.AKRON__115KV_KNAPP 355671	26.18 -1.58 0.00	25.46 -1.42 0.00	25.48 -1.23 0.00	26.28 -1.27 0.00	27.34 -1.29 0.00	30.75 -0.98 0.00	35.27 -1.66 0.00	39.17 -2.41 0.00	37.44 -2.05 0.00	30.90 -1.35 0.00	30.83 -1.18 0.00	29.57 -1.26 0.00	29.47 -1.36 0.00	30.08 -1.55 0.00	33.65 -2.26 0.00	36.24 -2.90 0.00	39.98 -4.05 0.00	46.73 -4.17 0.00	43.18 -4.22 0.00	39.43 -3.76 0.00	38.81 -3.01 0.00	35.62 -2.31 0.00	34.01 -1.83 0.00	32.41 -1.32 0.00
N.BELMOR_69_KV_BK1 55787	29.46 1.69 0.00	28.28 1.40 0.00	27.94 1.23 0.00	28.71 1.16 0.00	29.89 1.26 0.00	33.03 1.30 0.00	38.96 2.03 0.00	44.20 2.62 0.00	41.55 2.05 0.00	33.61 1.35 0.00	33.23 1.22 0.00	32.00 1.17 0.00	32.10 1.26 0.00	33.08 1.45 0.00	38.35 2.44 0.00	41.91 2.78 0.00	48.68 3.57 -1.09	55.03 4.12 -0.01	51.55 4.03 -0.12	49.77 3.63 -2.95	45.14 3.30 -0.01	40.80 2.85 -0.01	38.20 2.37 0.00	35.55 1.82 0.00
N.E_GEN_SANDY PD 24062	33.85 1.33 -4.75	31.13 1.18 -3.07	30.40 1.15 -2.54	29.40 1.18 -0.67	31.15 1.23 -1.29	32.81 1.08 0.00	38.33 1.40 0.00	43.24 1.66 0.00	39.71 1.50 1.29	34.77 1.23 -1.29	33.26 1.25 0.00	32.00 1.17 0.00	31.94 1.11 0.00	32.80 1.17 0.00	37.20 1.29 0.00	40.70 1.57 0.00	46.01 1.98 0.00	53.09 2.19 0.00	49.53 2.13 0.00	45.22 2.03 0.00	43.50 1.67 0.00	39.53 1.59 0.00	37.27 1.43 0.00	34.90 1.18 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.93 1.17 0.00	27.95 1.08 0.00	27.67 0.96 0.00	28.51 0.96 0.00	29.64 1.00 0.00	32.59 0.86 0.00	38.30 1.37 0.00	43.28 1.70 0.00	41.04 1.54 0.00	33.42 1.16 0.00	33.07 1.06 0.00	31.85 1.02 0.00	31.85 1.02 0.00	32.74 1.11 0.00	37.38 1.47 0.00	40.82 1.68 0.00	46.36 2.33 0.00	53.49 2.60 0.00	50.00 2.61 0.00	45.60 2.42 0.00	43.96 2.13 0.00	39.64 1.71 0.00	37.34 1.51 0.00	34.94 1.21 0.00
N.QUEENS_27_KV_LOAD 356247	29.15 1.39 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.59 0.86 0.00	38.37 1.44 0.00	43.37 1.79 0.00	41.15 1.66 0.00	33.61 1.35 0.00	33.26 1.25 0.00	32.10 1.26 0.00	32.10 1.26 0.00	32.99 1.36 0.00	37.60 1.69 0.00	41.05 1.92 0.00	46.54 2.51 0.00	53.70 2.80 0.00	50.19 2.80 0.00	45.73 2.55 0.00	44.08 2.26 0.00	39.76 1.82 0.00	37.41 1.58 0.00	34.97 1.25 0.00
N.TROY___115KV_TB1 355778	28.93 1.17 0.00	27.95 1.08 0.00	27.75 1.04 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.81 1.08 0.00	38.30 1.37 0.00	43.12 1.54 0.00	40.88 1.38 0.00	33.39 1.13 0.00	33.10 1.09 0.00	31.88 1.05 0.00	31.82 0.99 0.00	32.67 1.04 0.00	36.99 1.08 0.00	40.50 1.37 0.00	45.79 1.76 0.00	52.88 1.99 0.00	49.29 1.90 0.00	44.96 1.77 0.00	43.41 1.59 0.00	39.34 1.40 0.00	37.16 1.33 0.00	34.87 1.15 0.00
NARROWS_GT1_1 24228	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NARROWS_GT1_2 24229	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NARROWS_GT1_3 24230	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NARROWS_GT1_4 24231	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03

NARROWS_GT1_5 24232	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NARROWS_GT1_6 24233	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NARROWS_GT1_7 24234	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NARROWS_GT1_8 24235	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NARROWS_GT2_1 24236	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NARROWS_GT2_2 24237	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NARROWS_GT2_3 24238	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NARROWS_GT2_4 24239	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NARROWS_GT2_5 24240	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NARROWS_GT2_6 24241	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NARROWS_GT2_7 24242	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NARROWS_GT2_8 24243	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.40 1.64 0.00	28.44 1.56 0.00	28.15 1.44 0.00	29.09 1.54 0.00	30.27 1.63 0.00	33.44 1.71 0.00	39.15 2.22 0.00	43.99 2.41 0.00	41.71 2.21 0.00	33.90 1.65 0.00	33.46 1.44 0.00	32.13 1.29 0.00	32.10 1.26 0.00	32.99 1.36 0.00	37.42 1.51 0.00	41.01 1.88 0.00	46.45 2.42 0.00	53.65 2.75 0.00	50.00 2.61 0.00	45.56 2.38 0.00	43.96 2.13 0.00	39.68 1.75 0.00	37.56 1.72 0.00	35.41 1.69 0.00
NCHELSEA_115KV_TR2 355582	29.29 1.53 0.00	28.30 1.42 0.00	28.02 1.31 0.00	28.90 1.35 0.00	30.07 1.43 0.00	33.06 1.33 0.00	38.81 1.88 0.00	43.82 2.25 0.00	41.55 2.05 0.00	33.81 1.55 0.00	33.42 1.41 0.00	32.16 1.33 0.00	32.16 1.33 0.00	33.08 1.45 0.00	37.74 1.83 0.00	41.29 2.15 0.00	46.89 2.86 0.00	54.11 3.21 0.00	50.52 3.13 0.00	46.08 2.89 0.00	44.38 2.55 0.00	39.99 2.05 0.00	37.73 1.90 0.00	35.31 1.59 0.00
NEG CAPITAL___MECHNVIL 23645	29.04 1.28 0.00	28.03 1.16 0.00	27.86 1.15 0.00	28.76 1.21 0.00	29.92 1.29 0.00	33.03 1.30 0.00	38.63 1.70 0.00	43.53 1.95 0.00	41.23 1.74 0.00	33.58 1.32 0.00	33.30 1.28 0.00	32.00 1.17 0.00	32.00 1.17 0.00	32.86 1.23 0.00	37.27 1.36 0.00	40.85 1.72 0.00	46.27 2.24 0.00	53.49 2.59 0.00	49.81 2.42 0.00	45.43 2.24 0.00	43.79 1.97 0.00	39.72 1.78 0.00	37.45 1.61 0.00	35.14 1.42 0.00

NEG CENTRAL_HIGH_ACRES 23767	26.24 -1.53 0.00	25.56 -1.32 0.00	25.40 -1.31 0.00	26.20 -1.35 0.00	27.20 -1.43 0.00	30.43 -1.30 0.00	35.12 -1.81 0.00	39.29 -2.29 0.00	37.40 -2.09 0.00	30.71 -1.55 0.00	30.58 -1.44 0.00	29.38 -1.45 0.00	29.35 -1.48 0.00	29.98 -1.65 0.00	33.83 -2.08 0.00	36.67 -2.46 0.00	40.90 -3.13 0.00	47.59 -3.31 0.00	44.12 -3.27 0.00	40.25 -2.94 0.00	39.57 -2.26 0.00	35.78 -2.16 0.00	33.93 -1.90 0.00	32.11 -1.62 0.00
NEG CENTRAL___DRP 24199	27.21 -0.56 0.00	26.37 -0.51 0.00	26.28 -0.43 0.00	27.14 -0.41 0.00	28.23 -0.40 0.00	31.48 -0.25 0.00	36.52 -0.41 0.00	40.91 -0.67 0.00	38.94 -0.55 0.00	31.81 -0.45 0.00	31.57 -0.45 0.00	30.34 -0.49 0.00	30.31 -0.52 0.00	30.96 -0.66 0.00	35.08 -0.83 0.00	38.15 -0.98 0.00	42.75 -1.28 0.00	49.58 -1.32 0.00	46.07 -1.33 0.00	42.06 -1.12 0.00	40.86 -0.96 0.00	37.18 -0.76 0.00	35.19 -0.65 0.00	33.22 -0.51 0.00
NEG CENTRAL___INDECK 23768	27.27 -0.50 0.00	26.61 -0.27 0.00	26.52 -0.19 0.00	27.39 -0.16 0.00	28.49 -0.14 0.00	32.11 0.38 0.00	37.15 0.22 0.00	41.58 0.00 0.00	39.57 0.08 0.00	32.39 0.13 0.00	32.21 0.19 0.00	30.89 0.06 0.00	30.80 -0.03 0.00	31.34 -0.29 0.00	35.44 -0.47 0.00	38.39 -0.74 0.00	42.66 -1.37 0.00	49.83 -1.07 0.00	46.12 -1.28 0.00	42.02 -1.16 0.00	41.49 -0.34 0.00	37.56 -0.38 0.00	35.66 -0.18 0.00	33.86 0.14 0.00
NEG CENTRAL___SENECA 23627	27.16 -0.61 0.00	26.34 -0.54 0.00	26.28 -0.43 0.00	27.16 -0.39 0.00	28.26 -0.37 0.00	31.60 -0.13 0.00	36.63 -0.30 0.00	41.00 -0.58 0.00	39.02 -0.47 0.00	31.93 -0.32 0.00	31.70 -0.32 0.00	30.43 -0.40 0.00	30.40 -0.43 0.00	31.03 -0.60 0.00	35.12 -0.79 0.00	38.12 -1.02 0.00	42.62 -1.41 0.00	49.32 -1.58 0.00	45.83 -1.56 0.00	41.98 -1.21 0.00	40.86 -0.96 0.00	37.18 -0.76 0.00	35.23 -0.61 0.00	33.35 -0.37 0.00
NEG CENTRAL___STATE_STREET 24147	27.46 -0.31 0.00	26.56 -0.32 0.00	26.44 -0.27 0.00	27.30 -0.25 0.00	28.38 -0.26 0.00	31.57 -0.16 0.00	36.63 -0.30 0.00	41.12 -0.46 0.00	39.10 -0.39 0.00	31.87 -0.39 0.00	31.70 -0.32 0.00	30.43 -0.40 0.00	30.37 -0.46 0.00	31.12 -0.51 0.00	35.41 -0.50 0.00	38.47 -0.67 0.00	43.24 -0.79 0.00	50.14 -0.76 0.00	46.68 -0.71 0.00	42.54 -0.65 0.00	41.24 -0.59 0.00	37.48 -0.46 0.00	35.44 -0.39 0.00	33.32 -0.40 0.00
NEG MILLWOOD___DRP 24198	29.38 1.61 0.00	28.36 1.48 0.00	28.07 1.36 0.00	28.93 1.38 0.00	30.12 1.49 0.00	33.10 1.36 0.00	38.92 1.99 0.00	43.99 2.41 0.00	41.75 2.25 0.00	33.90 1.65 0.00	33.49 1.47 0.00	32.22 1.39 0.00	32.25 1.42 0.00	33.21 1.58 0.00	37.88 1.98 0.00	41.44 2.31 0.00	47.02 2.99 0.00	54.31 3.41 0.00	50.81 3.41 0.00	46.25 3.07 0.00	44.59 2.76 0.00	40.14 2.20 0.00	37.84 2.01 0.00	35.34 1.62 0.00
NEG NORTH_FLCN_SEA 23793	27.38 -0.39 0.00	26.58 -0.30 0.00	26.42 -0.29 0.00	27.22 -0.33 0.00	28.29 -0.34 0.00	31.70 -0.03 0.00	37.08 0.15 0.00	42.00 0.42 0.00	40.09 0.59 0.00	32.84 0.58 0.00	32.75 0.74 0.00	31.60 0.77 0.00	31.82 0.99 0.00	32.80 1.17 0.00	37.38 1.47 0.00	40.70 1.57 0.00	45.13 1.10 0.00	51.97 1.07 0.00	48.34 0.95 0.00	44.01 0.82 0.00	42.66 0.84 0.00	39.15 1.21 0.00	36.87 1.04 0.00	34.84 1.11 0.00
NEG NORTH_KES_CHATEGAY 23792	27.18 -0.58 0.00	26.37 -0.51 0.00	26.20 -0.51 0.00	27.03 -0.52 0.00	28.09 -0.54 0.00	31.41 -0.32 0.00	36.67 -0.26 0.00	41.54 -0.04 0.00	39.65 0.16 0.00	32.48 0.23 0.00	32.37 0.35 0.00	31.26 0.43 0.00	31.45 0.62 0.00	32.42 0.79 0.00	36.95 1.04 0.00	40.23 1.10 0.00	44.91 0.88 0.00	51.76 0.87 0.00	48.10 0.71 0.00	43.79 0.60 0.00	42.45 0.63 0.00	38.66 0.72 0.00	36.41 0.57 0.00	34.40 0.67 0.00
NEG NORTH___ALICE_FALLS 23915	27.46 -0.31 0.00	26.69 -0.19 0.00	26.50 -0.21 0.00	27.33 -0.22 0.00	28.40 -0.23 0.00	31.86 0.13 0.00	37.23 0.30 0.00	42.20 0.62 0.00	40.28 0.79 0.00	33.00 0.74 0.00	32.91 0.90 0.00	31.76 0.92 0.00	31.97 1.14 0.00	32.93 1.30 0.00	37.56 1.65 0.00	40.89 1.76 0.00	45.48 1.45 0.00	52.38 1.48 0.00	48.72 1.33 0.00	44.31 1.12 0.00	43.00 1.17 0.00	39.30 1.37 0.00	36.98 1.15 0.00	34.97 1.25 0.00
NEG NORTH___LWR_SARANAC 23913	27.46 -0.31 0.00	26.69 -0.19 0.00	26.50 -0.21 0.00	27.33 -0.22 0.00	28.40 -0.23 0.00	31.86 0.13 0.00	37.23 0.30 0.00	42.20 0.62 0.00	40.28 0.79 0.00	33.00 0.74 0.00	32.91 0.90 0.00	31.76 0.92 0.00	31.97 1.14 0.00	32.93 1.30 0.00	37.56 1.65 0.00	40.89 1.76 0.00	45.48 1.45 0.00	52.38 1.48 0.00	48.72 1.33 0.00	44.31 1.12 0.00	43.00 1.17 0.00	39.30 1.37 0.00	36.98 1.15 0.00	34.97 1.25 0.00
NEG NORTH___PLATTSBURG 23628	27.46 -0.30 0.00	26.69 -0.19 0.00	26.50 -0.21 0.00	27.33 -0.22 0.00	28.40 -0.23 0.00	31.86 0.13 0.00	37.22 0.29 0.00	42.20 0.62 0.00	40.28 0.79 0.00	33.00 0.74 0.00	32.91 0.90 0.00	31.76 0.92 0.00	31.97 1.14 0.00	32.93 1.30 0.00	37.56 1.65 0.00	40.90 1.76 0.00	45.48 1.45 0.00	52.38 1.48 0.00	48.72 1.33 0.00	44.31 1.12 0.00	42.99 1.17 0.00	39.30 1.36 0.00	36.98 1.15 0.00	34.97 1.25 0.00
NEG WEST_LEA_LOCKPORT 23791	25.77 -2.00 0.00	25.05 -1.83 0.00	25.08 -1.63 0.00	25.87 -1.68 0.00	26.94 -1.69 0.00	30.27 -1.46 0.00	34.57 -2.36 0.00	38.29 -3.28 0.00	36.65 -2.84 0.00	30.35 -1.90 0.00	30.29 -1.73 0.00	29.04 -1.79 0.00	28.92 -1.91 0.00	29.54 -2.09 0.00	32.93 -2.98 0.00	35.45 -3.68 0.00	38.97 -5.06 0.00	45.55 -5.34 0.00	42.09 -5.31 0.00	38.44 -4.75 0.00	37.89 -3.93 0.00	34.86 -3.07 0.00	33.36 -2.47 0.00	31.90 -1.82 0.00
NEG WEST___LANCASTR 23811	26.60 -1.17 0.00	25.89 -0.99 0.00	25.91 -0.80 0.00	26.78 -0.77 0.00	27.92 -0.72 0.00	31.38 -0.35 0.00	36.01 -0.92 0.00	39.96 -1.62 0.00	38.23 -1.26 0.00	31.55 -0.71 0.00	31.38 -0.64 0.00	30.06 -0.77 0.00	29.97 -0.86 0.00	30.65 -0.98 0.00	34.29 -1.62 0.00	36.98 -2.15 0.00	40.86 -3.17 0.00	47.64 -3.26 0.00	44.08 -3.32 0.00	40.29 -2.89 0.00	39.57 -2.26 0.00	36.27 -1.67 0.00	34.62 -1.22 0.00	33.12 -0.61 0.00
NEG_PENN_ALLEGHNY 23528	27.60 -0.17 0.00	26.77 -0.11 0.00	26.63 -0.08 0.00	27.47 -0.08 0.00	28.58 -0.06 0.00	31.79 0.06 0.00	36.93 0.00 0.00	41.41 -0.17 0.00	39.42 -0.08 0.00	32.19 -0.06 0.00	31.95 -0.06 0.00	30.71 -0.12 0.00	30.68 -0.15 0.00	31.41 -0.22 0.00	35.62 -0.29 0.00	38.74 -0.39 0.00	43.50 -0.53 0.00	50.44 -0.46 0.00	46.87 -0.52 0.00	42.75 -0.43 0.00	41.62 -0.21 0.00	37.67 -0.26 0.00	35.62 -0.21 0.00	33.66 -0.07 0.00
NEG___GEN_MONROE 24207	26.60 -1.17 0.00	25.83 -1.05 0.00	25.75 -0.96 0.00	26.59 -0.96 0.00	27.57 -1.06 0.00	30.91 -0.82 0.00	35.56 -1.37 0.00	39.50 -2.08 0.00	37.68 -1.82 0.00	31.00 -1.26 0.00	30.90 -1.12 0.00	29.69 -1.14 0.00	29.63 -1.20 0.00	30.21 -1.42 0.00	33.90 -2.01 0.00	36.71 -2.43 0.00	40.81 -3.21 0.00	47.49 -3.41 0.00	44.08 -3.32 0.00	40.25 -2.94 0.00	39.23 -2.59 0.00	35.89 -2.05 0.00	34.08 -1.76 0.00	32.41 -1.32 0.00

NEPA___ENERGY 23901	26.21 -1.55 0.00	25.54 -1.34 0.00	25.64 -1.07 0.00	26.50 -1.05 0.00	27.69 -0.94 0.00	31.16 -0.57 0.00	35.71 -1.22 0.00	39.63 -1.95 0.00	37.92 -1.58 0.00	31.29 -0.97 0.00	31.12 -0.90 0.00	29.78 -1.05 0.00	29.69 -1.14 0.00	30.30 -1.33 0.00	33.83 -2.08 0.00	36.43 -2.70 0.00	40.15 -3.87 0.00	46.93 -3.97 0.00	43.41 -3.98 0.00	39.65 -3.54 0.00	39.06 -2.76 0.00	35.93 -2.01 0.00	34.33 -1.51 0.00	32.81 -0.91 0.00
NEVERSink___HYD 23608	29.15 1.39 0.00	28.17 1.29 0.00	27.88 1.17 0.00	28.79 1.24 0.00	29.95 1.32 0.00	33.00 1.27 0.00	38.78 1.85 0.00	43.74 2.16 0.00	41.47 1.97 0.00	33.67 1.42 0.00	33.23 1.22 0.00	31.97 1.14 0.00	31.97 1.14 0.00	32.86 1.23 0.00	37.56 1.65 0.00	41.13 1.99 0.00	46.89 2.86 0.00	54.06 3.16 0.00	50.47 3.08 0.00	45.99 2.81 0.00	44.25 2.42 0.00	39.87 1.93 0.00	37.63 1.79 0.00	35.24 1.52 0.00
NEWKRMKL_115KV_TB1 55635	28.71 0.94 0.00	27.74 0.86 0.00	27.54 0.83 0.00	28.40 0.85 0.00	29.55 0.92 0.00	32.62 0.89 0.00	38.11 1.18 0.00	42.87 1.29 0.00	40.68 1.18 0.00	33.22 0.97 0.00	32.85 0.83 0.00	31.60 0.77 0.00	31.57 0.74 0.00	32.42 0.79 0.00	36.70 0.79 0.00	40.03 0.90 0.00	45.22 1.19 0.00	52.22 1.32 0.00	48.67 1.28 0.00	44.40 1.21 0.00	42.87 1.05 0.00	38.85 0.91 0.00	36.73 0.90 0.00	34.67 0.94 0.00
NEWTON___FALLS_HYD 23847	26.91 -0.86 0.00	26.10 -0.78 0.00	25.96 -0.75 0.00	26.78 -0.77 0.00	27.80 -0.83 0.00	31.00 -0.73 0.00	36.12 -0.81 0.00	40.91 -0.67 0.00	38.94 -0.55 0.00	31.84 -0.42 0.00	31.60 -0.42 0.00	30.43 -0.40 0.00	30.49 -0.34 0.00	31.28 -0.35 0.00	35.66 -0.25 0.00	38.70 -0.43 0.00	43.19 -0.84 0.00	49.83 -1.07 0.00	46.30 -1.09 0.00	42.11 -1.08 0.00	40.99 -0.84 0.00	37.14 -0.80 0.00	35.15 -0.68 0.00	33.22 -0.51 0.00
NGRID_A1_DSASP 323792	25.41 -2.36 0.00	24.89 -1.99 0.00	24.84 -1.87 0.00	25.51 -2.04 0.00	26.54 -2.09 0.00	29.92 -1.81 0.00	33.97 -2.96 0.00	37.55 -4.03 0.00	35.94 -3.55 0.00	29.84 -2.42 0.00	29.81 -2.21 0.00	28.55 -2.28 0.00	28.46 -2.37 0.00	29.04 -2.59 0.00	32.35 -3.56 0.00	34.83 -4.30 0.00	38.17 -5.86 0.00	44.74 -6.16 0.00	41.23 -6.16 0.00	37.70 -5.49 0.00	37.81 -4.02 0.00	34.26 -3.68 0.00	32.79 -3.05 0.00	31.43 -2.29 0.00
NGRID_A2_DSASP 323793	25.41 -2.36 0.00	24.89 -1.99 0.00	24.84 -1.87 0.00	25.51 -2.04 0.00	26.54 -2.09 0.00	29.92 -1.81 0.00	33.97 -2.96 0.00	37.55 -4.03 0.00	35.94 -3.55 0.00	29.84 -2.42 0.00	29.81 -2.21 0.00	28.55 -2.28 0.00	28.46 -2.37 0.00	29.04 -2.59 0.00	32.35 -3.56 0.00	34.83 -4.30 0.00	38.17 -5.86 0.00	44.74 -6.16 0.00	41.23 -6.16 0.00	37.70 -5.49 0.00	37.81 -4.02 0.00	34.26 -3.68 0.00	32.79 -3.05 0.00	31.43 -2.29 0.00
NGRID_A4_DSASP 323807	25.41 -2.36 0.00	24.89 -1.99 0.00	24.84 -1.87 0.00	25.51 -2.04 0.00	26.54 -2.09 0.00	29.92 -1.81 0.00	33.97 -2.96 0.00	37.55 -4.03 0.00	35.94 -3.55 0.00	29.84 -2.42 0.00	29.81 -2.21 0.00	28.55 -2.28 0.00	28.46 -2.37 0.00	29.04 -2.59 0.00	32.35 -3.56 0.00	34.83 -4.30 0.00	38.17 -5.86 0.00	44.74 -6.16 0.00	41.23 -6.16 0.00	37.70 -5.49 0.00	37.81 -4.02 0.00	34.26 -3.68 0.00	32.79 -3.05 0.00	31.43 -2.29 0.00
NIAGARA_115E_LBMP 323715	25.32 -2.44 0.00	24.81 -2.07 0.00	24.73 -1.98 0.00	25.43 -2.12 0.00	26.49 -2.15 0.00	29.83 -1.90 0.00	33.90 -3.03 0.00	37.51 -4.07 0.00	35.90 -3.59 0.00	29.77 -2.48 0.00	29.74 -2.27 0.00	28.49 -2.34 0.00	28.40 -2.44 0.00	28.97 -2.66 0.00	32.28 -3.63 0.00	34.79 -4.35 0.00	38.17 -5.86 0.00	44.69 -6.21 0.00	41.19 -6.21 0.00	37.66 -5.53 0.00	37.77 -4.06 0.00	34.22 -3.72 0.00	32.72 -3.12 0.00	31.36 -2.36 0.00
NIAGARA_115W_LBMP 323714	25.35 -2.42 0.00	24.84 -2.04 0.00	24.79 -1.92 0.00	25.46 -2.09 0.00	26.49 -2.15 0.00	29.83 -1.90 0.00	33.87 -3.06 0.00	37.46 -4.12 0.00	35.86 -3.63 0.00	29.77 -2.48 0.00	29.74 -2.27 0.00	28.49 -2.34 0.00	28.40 -2.44 0.00	28.97 -2.66 0.00	32.28 -3.63 0.00	34.75 -4.38 0.00	38.08 -5.94 0.00	44.64 -6.26 0.00	41.14 -6.26 0.00	37.62 -5.57 0.00	37.73 -4.10 0.00	34.18 -3.76 0.00	32.72 -3.12 0.00	31.36 -2.36 0.00
NIAGARA_230_LBMP 323716	25.60 -2.17 0.00	25.05 -1.83 0.00	25.00 -1.71 0.00	25.68 -1.87 0.00	26.72 -1.92 0.00	30.08 -1.65 0.00	34.20 -2.73 0.00	37.84 -3.74 0.00	36.22 -3.28 0.00	30.03 -2.23 0.00	30.00 -2.02 0.00	28.73 -2.10 0.00	28.64 -2.19 0.00	29.22 -2.41 0.00	32.61 -3.30 0.00	35.10 -4.03 0.00	38.52 -5.51 0.00	45.15 -5.75 0.00	41.61 -5.78 0.00	38.05 -5.14 0.00	38.10 -3.72 0.00	34.52 -3.41 0.00	33.00 -2.83 0.00	31.63 -2.09 0.00
NIAGARA___115KV_198_GIBSON 55903	25.35 -2.42 0.00	24.65 -2.23 0.00	24.68 -2.03 0.00	25.46 -2.09 0.00	26.49 -2.15 0.00	29.73 -2.00 0.00	33.87 -3.07 0.00	37.46 -4.12 0.00	35.86 -3.63 0.00	29.74 -2.52 0.00	29.68 -2.34 0.00	28.49 -2.34 0.00	28.40 -2.44 0.00	28.97 -2.66 0.00	32.28 -3.63 0.00	34.71 -4.42 0.00	38.09 -5.94 0.00	44.54 -6.36 0.00	41.09 -6.30 0.00	37.57 -5.61 0.00	37.06 -4.77 0.00	34.14 -3.79 0.00	32.72 -3.12 0.00	31.30 -2.43 0.00
NIAGARA___ 23760	25.60 -2.17 0.00	25.05 -1.83 0.00	25.00 -1.71 0.00	25.68 -1.87 0.00	26.72 -1.92 0.00	30.08 -1.65 0.00	34.20 -2.73 0.00	37.84 -3.74 0.00	36.22 -3.28 0.00	30.03 -2.23 0.00	30.00 -2.02 0.00	28.73 -2.10 0.00	28.64 -2.19 0.00	29.22 -2.41 0.00	32.61 -3.30 0.00	35.10 -4.03 0.00	38.52 -5.51 0.00	45.15 -5.75 0.00	41.61 -5.78 0.00	38.05 -5.14 0.00	38.10 -3.72 0.00	34.52 -3.41 0.00	33.00 -2.83 0.00	31.63 -2.09 0.00
NINE_MILE_1 23575	26.82 -0.94 0.00	25.99 -0.89 0.00	25.83 -0.88 0.00	26.64 -0.91 0.00	27.66 -0.97 0.00	30.71 -1.02 0.00	35.53 -1.40 0.00	39.91 -1.66 0.00	37.91 -1.58 0.00	31.00 -1.26 0.00	30.77 -1.25 0.00	29.63 -1.20 0.00	29.63 -1.20 0.00	30.36 -1.27 0.00	34.40 -1.51 0.00	37.45 -1.68 0.00	42.09 -1.94 0.00	48.71 -2.19 0.00	45.31 -2.08 0.00	41.33 -1.86 0.00	40.11 -1.72 0.00	36.38 -1.56 0.00	34.36 -1.47 0.00	32.37 -1.35 0.00
NINE_MILE_2 23744	26.82 -0.94 0.00	25.99 -0.89 0.00	25.83 -0.88 0.00	26.64 -0.91 0.00	27.66 -0.97 0.00	30.71 -1.02 0.00	35.53 -1.40 0.00	39.91 -1.66 0.00	37.91 -1.58 0.00	31.00 -1.26 0.00	30.77 -1.25 0.00	29.63 -1.20 0.00	29.63 -1.20 0.00	30.36 -1.27 0.00	34.40 -1.51 0.00	37.45 -1.68 0.00	42.09 -1.94 0.00	48.71 -2.19 0.00	45.36 -2.04 0.00	41.33 -1.86 0.00	40.11 -1.72 0.00	36.38 -1.56 0.00	34.36 -1.47 0.00	32.37 -1.35 0.00
NM_CAPITAL___DRP 24208	28.77 1.00 0.00	27.79 0.91 0.00	27.59 0.88 0.00	28.43 0.88 0.00	29.58 0.94 0.00	32.62 0.89 0.00	38.11 1.18 0.00	42.87 1.29 0.00	40.68 1.18 0.00	33.22 0.97 0.00	32.88 0.86 0.00	31.66 0.83 0.00	31.60 0.77 0.00	32.45 0.82 0.00	36.74 0.83 0.00	40.07 0.94 0.00	45.26 1.23 0.00	52.32 1.43 0.00	48.77 1.37 0.00	44.44 1.25 0.00	42.95 1.13 0.00	38.92 0.99 0.00	36.80 0.97 0.00	34.67 0.94 0.00

NM_CENTRAL___DRP 24181	27.24 -0.53 0.00	26.37 -0.51 0.00	26.23 -0.48 0.00	27.08 -0.47 0.00	28.15 -0.49 0.00	31.25 -0.48 0.00	36.23 -0.70 0.00	40.66 -0.91 0.00	38.67 -0.83 0.00	31.58 -0.68 0.00	31.34 -0.67 0.00	30.18 -0.65 0.00	30.15 -0.68 0.00	30.90 -0.73 0.00	35.01 -0.90 0.00	38.12 -1.02 0.00	42.84 -1.19 0.00	49.63 -1.27 0.00	46.16 -1.23 0.00	42.06 -1.12 0.00	40.82 -1.00 0.00	37.06 -0.87 0.00	35.01 -0.82 0.00	32.95 -0.78 0.00
NM_FRONTIER___DRP 24179	25.35 -2.42 0.00	24.65 -2.23 0.00	24.68 -2.03 0.00	25.46 -2.09 0.00	26.49 -2.15 0.00	29.73 -2.00 0.00	33.87 -3.07 0.00	37.46 -4.12 0.00	35.86 -3.63 0.00	29.74 -2.52 0.00	29.68 -2.34 0.00	28.49 -2.34 0.00	28.40 -2.44 0.00	28.97 -2.66 0.00	32.28 -3.63 0.00	34.71 -4.42 0.00	38.09 -5.94 0.00	44.54 -6.36 0.00	41.09 -6.30 0.00	37.57 -5.61 0.00	37.06 -4.77 0.00	34.14 -3.79 0.00	32.72 -3.12 0.00	31.30 -2.43 0.00
NM_ST_REGIS___HYD 24053	27.32 -0.44 0.00	26.56 -0.32 0.00	26.42 -0.29 0.00	27.25 -0.30 0.00	28.29 -0.34 0.00	31.57 -0.16 0.00	36.71 -0.22 0.00	41.58 0.00 0.00	39.57 0.08 0.00	32.35 0.10 0.00	32.18 0.16 0.00	30.99 0.15 0.00	31.11 0.28 0.00	31.98 0.35 0.00	36.48 0.57 0.00	39.64 0.51 0.00	44.16 0.13 0.00	50.90 0.00 0.00	47.35 -0.05 0.00	43.10 -0.09 0.00	42.03 0.21 0.00	38.16 0.23 0.00	36.12 0.29 0.00	34.23 0.51 0.00
NORTHPORT___1 23551	29.63 1.86 0.00	28.30 1.42 0.00	27.97 1.26 0.00	28.79 1.24 0.00	29.95 1.32 0.00	33.09 1.36 0.00	39.07 2.14 0.00	44.32 2.74 0.00	41.63 2.13 0.00	33.71 1.45 0.00	33.39 1.38 0.00	32.13 1.29 0.00	32.19 1.36 0.00	33.21 1.58 0.00	38.46 2.55 0.00	42.27 3.13 0.00	48.75 3.92 -0.80	55.44 4.53 -0.01	51.89 4.41 -0.09	49.08 3.80 -2.09	45.30 3.47 -0.01	40.94 3.00 -0.01	38.31 2.47 0.00	35.61 1.89 0.00
NORTHPORT___2 23552	29.63 1.86 0.00	28.30 1.42 0.00	27.97 1.26 0.00	28.79 1.24 0.00	29.95 1.32 0.00	33.09 1.36 0.00	39.07 2.14 0.00	44.32 2.74 0.00	41.63 2.13 0.00	33.71 1.45 0.00	33.39 1.38 0.00	32.13 1.29 0.00	32.19 1.36 0.00	33.21 1.58 0.00	38.46 2.55 0.00	42.27 3.13 0.00	48.75 3.92 -0.80	55.44 4.53 -0.01	51.89 4.41 -0.09	49.08 3.80 -2.09	45.30 3.47 -0.01	40.94 3.00 -0.01	38.31 2.47 0.00	35.61 1.89 0.00
NORTHPORT___3 23553	29.29 1.53 0.00	28.01 1.13 0.00	27.67 0.96 0.00	28.49 0.94 0.00	29.66 1.03 0.00	32.78 1.05 0.00	38.74 1.81 0.00	43.91 2.33 0.00	40.76 1.26 0.00	32.93 0.68 0.00	32.59 0.58 0.00	31.39 0.56 0.00	31.45 0.62 0.00	32.45 0.82 0.00	38.06 2.15 0.00	41.80 2.66 0.00	48.01 3.17 -0.81	54.27 3.36 -0.01	50.80 3.32 -0.09	48.41 3.11 -2.11	44.85 3.01 -0.01	40.53 2.58 -0.01	37.98 2.15 0.00	35.28 1.55 0.00
NORTHPORT___4 23650	29.29 1.53 0.00	28.01 1.13 0.00	27.67 0.96 0.00	28.49 0.94 0.00	29.66 1.03 0.00	32.78 1.05 0.00	38.74 1.81 0.00	43.91 2.33 0.00	40.76 1.26 0.00	32.93 0.68 0.00	32.59 0.58 0.00	31.39 0.56 0.00	31.45 0.62 0.00	32.45 0.82 0.00	38.06 2.15 0.00	41.80 2.66 0.00	48.01 3.17 -0.81	54.27 3.36 -0.01	50.80 3.32 -0.09	48.41 3.11 -2.11	44.85 3.01 -0.01	40.53 2.58 -0.01	37.98 2.15 0.00	35.28 1.55 0.00
NORTHPORT___IC 23718	29.63 1.86 0.00	28.36 1.48 0.00	28.07 1.36 0.00	28.79 1.24 0.00	29.95 1.32 0.00	33.09 1.36 0.00	39.07 2.14 0.00	44.32 2.74 0.00	41.63 2.13 0.00	33.71 1.45 0.00	33.39 1.38 0.00	32.13 1.29 0.00	32.19 1.36 0.00	33.21 1.58 0.00	38.46 2.55 0.00	42.07 2.93 0.00	48.75 3.92 -0.80	55.44 4.53 -0.01	51.89 4.41 -0.09	49.21 3.93 -2.09	45.35 3.51 -0.01	40.94 3.00 -0.01	38.31 2.47 0.00	35.65 1.92 0.00
NORTH___COUNTRY_ESR 323785	27.10 -0.67 0.00	26.31 -0.57 0.00	26.12 -0.59 0.00	26.94 -0.61 0.00	28.03 -0.60 0.00	31.32 -0.41 0.00	36.56 -0.37 0.00	41.41 -0.17 0.00	39.49 0.00 0.00	32.39 0.13 0.00	32.27 0.25 0.00	31.17 0.34 0.00	31.36 0.52 0.00	32.29 0.67 0.00	36.84 0.93 0.00	40.11 0.98 0.00	44.73 0.70 0.00	51.56 0.66 0.00	47.96 0.57 0.00	43.62 0.43 0.00	42.33 0.50 0.00	38.51 0.57 0.00	36.30 0.46 0.00	34.26 0.54 0.00
NPX_GEN_1385_PROXY 323591	29.68 1.91 0.00	28.17 1.29 0.00	27.86 1.15 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.68 0.95 0.00	38.67 1.74 0.00	43.53 1.95 0.00	39.91 1.70 1.29	34.99 1.45 -1.28	33.62 1.60 0.00	32.13 1.29 0.00	32.19 1.36 0.00	33.21 1.58 0.00	37.99 2.08 0.00	42.03 2.90 0.00	48.44 3.61 -0.80	55.08 4.17 -0.01	51.56 4.08 -0.09	48.47 3.20 -2.09	44.72 2.88 -0.01	40.41 2.46 -0.01	37.80 1.97 0.00	35.38 1.65 0.00
NPX_GEN_CSC 323557	29.99 2.22 0.00	28.63 1.75 0.00	28.23 1.52 0.00	29.06 1.51 0.00	30.32 1.69 0.00	33.57 1.84 0.00	39.70 2.77 0.00	45.16 3.58 0.00	41.13 2.92 1.29	35.41 1.87 -1.28	33.77 1.76 0.00	32.56 1.73 0.00	32.65 1.82 0.00	33.65 2.03 0.00	39.18 3.27 0.00	43.08 3.95 0.00	49.82 4.97 -0.81	56.86 5.95 -0.01	53.17 5.68 -0.09	50.10 4.79 -2.12	46.18 4.35 -0.01	41.67 3.72 -0.01	38.88 3.04 0.00	36.08 2.36 0.00
NSINS_S___GLNS_FALLS 23858	28.74 0.97 0.00	27.71 0.83 0.00	27.51 0.80 0.00	28.43 0.88 0.00	29.58 0.94 0.00	32.75 1.02 0.00	38.33 1.40 0.00	43.24 1.66 0.00	40.96 1.46 0.00	33.29 1.03 0.00	32.94 0.93 0.00	31.66 0.83 0.00	31.69 0.86 0.00	32.55 0.92 0.00	36.95 1.04 0.00	40.58 1.45 0.00	46.05 2.03 0.00	53.29 2.39 0.00	49.62 2.23 0.00	45.13 1.94 0.00	43.62 1.80 0.00	39.42 1.48 0.00	37.13 1.29 0.00	34.84 1.11 0.00
NUCOR_STEEL___DRP 24197	27.52 -0.25 0.00	26.61 -0.27 0.00	26.52 -0.19 0.00	27.36 -0.19 0.00	28.43 -0.20 0.00	31.64 -0.10 0.00	36.71 -0.22 0.00	41.16 -0.42 0.00	39.10 -0.39 0.00	31.87 -0.39 0.00	31.70 -0.32 0.00	30.43 -0.40 0.00	30.40 -0.43 0.00	31.12 -0.51 0.00	35.44 -0.47 0.00	38.51 -0.63 0.00	43.28 -0.75 0.00	50.19 -0.71 0.00	46.73 -0.66 0.00	42.58 -0.60 0.00	41.32 -0.50 0.00	37.52 -0.42 0.00	35.51 -0.32 0.00	33.35 -0.37 0.00
NUMBER_THREE_WT_PWR 323818	27.07 -0.69 0.00	26.23 -0.65 0.00	26.12 -0.59 0.00	26.94 -0.61 0.00	27.98 -0.66 0.00	31.19 -0.54 0.00	36.49 -0.44 0.00	41.37 -0.21 0.00	39.38 -0.12 0.00	32.29 0.03 0.00	32.05 0.03 0.00	30.83 0.00 0.00	30.86 0.03 0.00	31.60 -0.03 0.00	36.02 0.11 0.00	38.94 -0.19 0.00	43.63 -0.40 0.00	50.39 -0.51 0.00	46.68 -0.71 0.00	42.36 -0.82 0.00	41.11 -0.71 0.00	37.21 -0.72 0.00	35.19 -0.64 0.00	33.12 -0.61 0.00
NYISO_LBMP_REFERENCE 24008	27.77 0.00 0.00	26.88 0.00 0.00	26.71 0.00 0.00	27.55 0.00 0.00	28.63 0.00 0.00	31.73 0.00 0.00	36.93 0.00 0.00	41.58 0.00 0.00	39.49 0.00 0.00	32.26 0.00 0.00	32.02 0.00 0.00	30.83 0.00 0.00	30.83 0.00 0.00	31.63 0.00 0.00	35.91 0.00 0.00	39.13 0.00 0.00	44.03 0.00 0.00	50.90 0.00 0.00	47.39 0.00 0.00	43.19 0.00 0.00	41.83 0.00 0.00	37.94 0.00 0.00	35.84 0.00 0.00	33.72 0.00 0.00

NYPA_BRENTWD____GT 24164	29.85 2.08 0.00	28.52 1.64 0.00	28.15 1.44 0.00	28.98 1.43 0.00	30.18 1.55 0.00	33.38 1.65 0.00	39.44 2.51 0.00	44.74 3.16 0.00	42.06 2.57 0.00	33.96 1.71 0.00	33.62 1.60 0.00	32.34 1.51 0.00	32.43 1.60 0.00	33.46 1.83 0.00	38.85 2.95 0.00	42.69 3.56 0.00	49.30 4.45 -0.83	56.15 5.24 -0.01	52.56 5.07 -0.09	49.70 4.36 -2.16	45.81 3.98 -0.01	41.36 3.42 -0.01	38.70 2.87 0.00	35.95 2.23 0.00
NYPA_GOWANUS____GT5 24156	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NYPA_GOWANUS____GT6 24157	49.30 1.61 -19.92	48.64 1.42 -20.33	48.11 1.36 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.74 1.85 -11.97	53.05 2.24 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.50 1.57 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.19 2.08 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.00 2.64 -32.54	52.48 2.24 -12.31	52.11 1.93 -14.34	50.38 1.62 -15.03
NYPA_HARLEM__RVR__GT1 24160	29.10 1.33 0.00	27.97 1.10 0.01	27.74 1.04 0.01	28.59 1.05 0.01	29.71 1.09 0.01	32.58 0.86 0.01	38.33 1.40 0.01	43.32 1.75 0.01	41.11 1.62 0.01	33.54 1.29 0.01	33.19 1.19 0.01	32.06 1.23 0.01	32.06 1.23 0.01	32.92 1.30 0.01	37.52 1.62 0.01	41.00 1.88 0.01	46.49 2.46 0.01	53.59 2.70 0.01	50.09 2.70 0.01	45.64 2.46 0.01	43.91 2.09 0.01	39.67 1.75 0.01	37.33 1.50 0.01	34.90 1.18 0.01
NYPA_HARLEM__RVR__GT2 24161	29.10 1.33 0.00	27.97 1.10 0.01	27.74 1.04 0.01	28.59 1.05 0.01	29.71 1.09 0.01	32.58 0.86 0.01	38.33 1.40 0.01	43.32 1.75 0.01	41.11 1.62 0.01	33.54 1.29 0.01	33.19 1.19 0.01	32.06 1.23 0.01	32.06 1.23 0.01	32.92 1.30 0.01	37.52 1.62 0.01	41.00 1.88 0.01	46.49 2.46 0.01	53.59 2.70 0.01	50.09 2.70 0.01	45.64 2.46 0.01	43.91 2.09 0.01	39.67 1.75 0.01	37.33 1.50 0.01	34.90 1.18 0.01
NYPA_KENT____GT 24152	40.70 1.53 -11.41	39.84 1.32 -11.64	39.46 1.28 -11.47	40.10 1.27 -11.28	40.65 1.32 -10.70	41.91 1.14 -9.04	45.52 1.74 -6.85	49.02 2.16 -5.28	47.80 2.01 -6.29	44.31 1.58 -10.48	43.78 1.51 -10.25	43.20 1.51 -10.86	43.54 1.51 -11.20	44.03 1.58 -10.82	46.01 1.97 -8.13	47.54 2.23 -6.17	98.12 2.86 -51.23	111.37 3.16 -57.31	68.07 3.18 -17.50	49.98 2.85 -3.94	62.96 2.51 -18.63	47.11 2.12 -7.05	45.87 1.83 -8.21	43.85 1.52 -8.61
NYPA_POUCH1____GT 24155	49.33 1.64 -19.92	48.66 1.45 -20.33	48.16 1.41 -20.04	48.66 1.40 -19.71	48.72 1.40 -18.68	48.75 1.24 -15.78	50.67 1.77 -11.97	52.96 2.16 -9.22	52.50 2.01 -10.99	52.17 1.61 -18.30	51.46 1.54 -17.91	51.40 1.60 -18.97	52.00 1.60 -19.57	52.13 1.61 -18.89	52.08 1.97 -14.19	52.19 2.27 -10.78	136.42 2.91 -89.49	154.27 3.26 -100.11	81.18 3.22 -30.56	53.01 2.94 -6.89	76.92 2.55 -32.54	52.40 2.16 -12.31	52.08 1.90 -14.34	50.34 1.59 -15.03
NYPA_VERNON____GT2 24162	32.07 1.42 -2.89	31.07 1.24 -2.95	30.79 1.17 -2.91	31.59 1.18 -2.86	32.57 1.23 -2.71	35.07 1.05 -2.29	40.29 1.62 -1.74	44.95 2.04 -1.34	42.98 1.90 -1.59	36.43 1.52 -2.65	36.02 1.41 -2.60	35.00 1.42 -2.75	35.09 1.42 -2.84	35.86 1.49 -2.74	39.83 1.87 -2.06	42.81 2.11 -1.56	59.74 2.73 -12.98	68.47 3.05 -14.52	54.86 3.04 -4.43	46.95 2.77 -1.00	48.93 2.38 -4.72	41.73 2.01 -1.78	39.64 1.72 -2.08	37.32 1.42 -2.18
NYPA_VERNON____GT3 24163	32.07 1.42 -2.89	31.07 1.24 -2.95	30.79 1.17 -2.91	31.59 1.18 -2.86	32.57 1.23 -2.71	35.07 1.05 -2.29	40.29 1.62 -1.74	44.95 2.04 -1.34	42.98 1.90 -1.59	36.43 1.52 -2.65	36.02 1.41 -2.60	35.00 1.42 -2.75	35.09 1.42 -2.84	35.86 1.49 -2.74	39.83 1.87 -2.06	42.81 2.11 -1.56	59.74 2.73 -12.98	68.47 3.05 -14.52	54.86 3.04 -4.43	46.95 2.77 -1.00	48.93 2.38 -4.72	41.73 2.01 -1.78	39.64 1.72 -2.08	37.32 1.42 -2.18
NYPA__ASTORIA_CC1 323568	29.15 1.39 0.00	28.06 1.18 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.72 0.98 0.00	38.48 1.55 0.00	43.53 1.95 0.00	41.31 1.82 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.19 1.36 0.00	32.19 1.36 0.00	33.05 1.42 0.00	37.70 1.79 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.87 2.68 0.00	44.12 2.30 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
NYPA__ASTORIA_CC2 323569	29.15 1.39 0.00	28.06 1.18 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.72 0.98 0.00	38.48 1.55 0.00	43.53 1.95 0.00	41.31 1.82 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.19 1.36 0.00	32.19 1.36 0.00	33.05 1.42 0.00	37.70 1.79 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.87 2.68 0.00	44.12 2.30 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
NYPA__HOLTSVILL 23794	29.77 2.00 0.00	28.44 1.56 0.00	28.07 1.36 0.00	28.90 1.35 0.00	30.09 1.46 0.00	33.28 1.55 0.00	39.33 2.40 0.00	44.66 3.08 0.00	41.90 2.41 0.00	33.84 1.58 0.00	33.49 1.47 0.00	32.25 1.42 0.00	32.34 1.51 0.00	33.33 1.71 0.00	38.75 2.84 0.00	42.54 3.40 0.00	49.16 4.32 -0.81	56.00 5.09 -0.01	52.41 4.93 -0.09	49.49 4.19 -2.12	45.64 3.81 -0.01	41.24 3.30 -0.01	38.56 2.72 0.00	35.78 2.06 0.00
NYPA__HELLGATE_GT1 24158	29.10 1.33 0.00	27.97 1.10 0.01	27.74 1.04 0.01	28.59 1.05 0.01	29.71 1.09 0.01	32.58 0.86 0.01	38.33 1.40 0.01	43.32 1.75 0.01	41.11 1.62 0.01	33.54 1.29 0.01	33.19 1.19 0.01	32.06 1.23 0.01	32.06 1.23 0.01	32.92 1.30 0.01	37.52 1.62 0.01	41.00 1.88 0.01	46.49 2.46 0.01	53.59 2.70 0.01	50.09 2.70 0.01	45.64 2.46 0.01	43.91 2.09 0.01	39.67 1.75 0.01	37.33 1.50 0.01	34.90 1.18 0.01
NYPA__HELLGATE_GT2 24159	29.10 1.33 0.00	27.97 1.10 0.01	27.74 1.04 0.01	28.59 1.05 0.01	29.71 1.09 0.01	32.58 0.86 0.01	38.33 1.40 0.01	43.32 1.75 0.01	41.11 1.62 0.01	33.54 1.29 0.01	33.19 1.19 0.01	32.06 1.23 0.01	32.06 1.23 0.01	32.92 1.30 0.01	37.52 1.62 0.01	41.00 1.88 0.01	46.49 2.46 0.01	53.59 2.70 0.01	50.09 2.70 0.01	45.64 2.46 0.01	43.91 2.09 0.01	39.67 1.75 0.01	37.33 1.50 0.01	34.90 1.18 0.01
NYS_BARGE__HYD 23848	25.77 -2.00 0.00	25.21 -1.67 0.00	25.16 -1.55 0.00	25.87 -1.68 0.00	26.94 -1.69 0.00	30.40 -1.33 0.00	34.60 -2.33 0.00	38.34 -3.24 0.00	36.69 -2.80 0.00	30.39 -1.87 0.00	30.32 -1.70 0.00	29.04 -1.79 0.00	28.95 -1.88 0.00	29.54 -2.09 0.00	32.97 -2.94 0.00	35.50 -3.64 0.00	39.01 -5.02 0.00	45.71 -5.19 0.00	42.13 -5.26 0.00	38.48 -4.71 0.00	38.56 -3.26 0.00	34.90 -3.04 0.00	33.36 -2.47 0.00	31.94 -1.79 0.00

OAK ORCHARD___HYD 24046	26.55 -1.22 0.00	25.89 -0.99 0.00	25.75 -0.96 0.00	26.50 -1.05 0.00	27.52 -1.12 0.00	30.88 -0.86 0.00	35.53 -1.40 0.00	39.67 -1.91 0.00	37.80 -1.70 0.00	31.06 -1.19 0.00	30.93 -1.09 0.00	29.75 -1.08 0.00	29.69 -1.14 0.00	30.30 -1.33 0.00	34.15 -1.76 0.00	36.94 -2.19 0.00	41.08 -2.95 0.00	47.90 -3.00 0.00	44.36 -3.03 0.00	40.47 -2.72 0.00	39.94 -1.88 0.00	36.12 -1.82 0.00	34.30 -1.54 0.00	32.51 -1.21 0.00
OAKDALE___35_KV_LOAD 356122	27.57 -0.19 0.00	26.72 -0.16 0.00	26.58 -0.13 0.00	27.44 -0.11 0.00	28.52 -0.11 0.00	31.73 0.00 0.00	36.82 -0.11 0.00	41.33 -0.25 0.00	39.30 -0.20 0.00	32.13 -0.13 0.00	31.89 -0.13 0.00	30.65 -0.18 0.00	30.62 -0.22 0.00	31.34 -0.28 0.00	35.51 -0.40 0.00	38.66 -0.47 0.00	43.41 -0.62 0.00	50.34 -0.56 0.00	46.78 -0.62 0.00	42.63 -0.56 0.00	41.41 -0.42 0.00	37.60 -0.34 0.00	35.55 -0.29 0.00	33.59 -0.13 0.00
OCC_CHEM___DRP 24175	25.41 -2.36 0.00	24.70 -2.18 0.00	24.73 -1.98 0.00	25.51 -2.04 0.00	26.54 -2.09 0.00	29.80 -1.94 0.00	33.94 -2.99 0.00	37.55 -4.03 0.00	35.94 -3.55 0.00	29.81 -2.45 0.00	29.77 -2.24 0.00	28.55 -2.28 0.00	28.46 -2.37 0.00	29.04 -2.59 0.00	32.35 -3.56 0.00	34.79 -4.34 0.00	38.17 -5.86 0.00	44.64 -6.26 0.00	41.19 -6.21 0.00	37.66 -5.53 0.00	37.14 -4.68 0.00	34.22 -3.72 0.00	32.79 -3.05 0.00	31.36 -2.36 0.00
OH_GEN_PROXY 24063	25.65 -2.11 0.00	25.08 -1.80 0.00	25.03 -1.68 0.00	25.70 -1.85 0.00	26.74 -1.89 0.00	30.11 -1.62 0.00	34.24 -2.69 0.00	37.92 -3.66 0.00	35.01 -3.20 1.29	31.38 -2.16 -1.29	30.06 -1.95 0.00	28.80 -2.04 0.00	28.70 -2.13 0.00	29.29 -2.34 0.00	32.68 -3.23 0.00	35.22 -3.91 0.00	38.70 -5.33 0.00	45.30 -5.60 0.00	41.75 -5.64 0.00	38.18 -5.01 0.00	38.19 -3.64 0.00	34.60 -3.34 0.00	33.08 -2.76 0.00	31.63 -2.09 0.00
OLIN_CORP_DRP 24177	25.41 -2.36 0.00	24.68 -2.20 0.00	24.73 -1.98 0.00	25.48 -2.07 0.00	26.54 -2.09 0.00	29.80 -1.81 0.00	33.98 -2.95 0.00	37.59 -3.99 0.00	35.98 -3.52 0.00	29.84 -2.42 0.00	29.77 -2.24 0.00	28.55 -2.28 0.00	28.46 -2.37 0.00	29.04 -2.59 0.00	32.39 -3.52 0.00	34.83 -4.30 0.00	38.26 -5.77 0.00	44.69 -6.21 0.00	41.28 -6.11 0.00	37.74 -5.44 0.00	37.22 -4.60 0.00	34.26 -3.68 0.00	32.82 -3.01 0.00	31.40 -2.33 0.00
OLIN_CORP_DSASP 323712	25.41 -2.36 0.00	24.89 -1.99 0.00	24.84 -1.87 0.00	25.51 -2.04 0.00	26.54 -2.09 0.00	29.92 -1.81 0.00	33.97 -2.96 0.00	37.55 -4.03 0.00	35.94 -3.55 0.00	29.84 -2.42 0.00	29.81 -2.21 0.00	28.55 -2.28 0.00	28.46 -2.37 0.00	29.04 -2.59 0.00	32.35 -3.56 0.00	34.83 -4.30 0.00	38.17 -5.86 0.00	44.74 -6.16 0.00	41.23 -6.16 0.00	37.70 -5.49 0.00	37.81 -4.02 0.00	34.26 -3.68 0.00	32.79 -3.05 0.00	31.43 -2.29 0.00
ONEIDA_HERK_LFGE 323681	27.82 0.06 0.00	26.96 0.08 0.00	26.82 0.11 0.00	27.69 0.14 0.00	28.72 0.09 0.00	31.98 0.25 0.00	37.34 0.41 0.00	42.16 0.58 0.00	40.09 0.59 0.00	32.74 0.48 0.00	32.50 0.48 0.00	31.26 0.43 0.00	31.26 0.43 0.00	32.01 0.38 0.00	36.45 0.54 0.00	39.60 0.47 0.00	44.47 0.44 0.00	51.46 0.56 0.00	47.77 0.38 0.00	43.45 0.26 0.00	42.12 0.29 0.00	38.13 0.19 0.00	36.02 0.18 0.00	33.89 0.17 0.00
ONEIDA___115KV_TB4 55905	28.21 0.44 0.00	27.34 0.46 0.00	27.19 0.48 0.00	28.07 0.52 0.00	29.15 0.52 0.00	32.46 0.73 0.00	37.82 0.89 0.00	42.58 1.00 0.00	40.44 0.95 0.00	32.97 0.71 0.00	32.72 0.70 0.00	31.48 0.65 0.00	31.45 0.62 0.00	32.23 0.60 0.00	36.63 0.72 0.00	39.88 0.74 0.00	44.82 0.79 0.00	51.82 0.92 0.00	48.20 0.81 0.00	43.83 0.65 0.00	42.45 0.63 0.00	38.47 0.53 0.00	36.34 0.50 0.00	34.33 0.61 0.00
ONONDAGA_REF_OCCRA 23987	27.32 -0.44 0.00	26.45 -0.43 0.00	26.34 -0.37 0.00	27.16 -0.39 0.00	28.23 -0.40 0.00	31.35 -0.38 0.00	36.38 -0.55 0.00	40.83 -0.75 0.00	38.82 -0.67 0.00	31.71 -0.55 0.00	31.50 -0.51 0.00	30.31 -0.52 0.00	30.28 -0.55 0.00	31.03 -0.60 0.00	35.16 -0.75 0.00	38.27 -0.86 0.00	43.06 -0.97 0.00	49.88 -1.02 0.00	46.40 -1.00 0.00	42.28 -0.91 0.00	41.03 -0.79 0.00	37.22 -0.72 0.00	35.19 -0.65 0.00	33.12 -0.61 0.00
ONONDAGA___COGEN 23986	27.35 -0.42 0.00	26.48 -0.40 0.00	26.36 -0.35 0.00	27.22 -0.33 0.00	28.26 -0.37 0.00	31.38 -0.35 0.00	36.41 -0.52 0.00	40.87 -0.71 0.00	38.86 -0.63 0.00	31.71 -0.55 0.00	31.50 -0.51 0.00	30.31 -0.52 0.00	30.31 -0.52 0.00	31.03 -0.60 0.00	35.19 -0.72 0.00	38.31 -0.82 0.00	43.06 -0.97 0.00	49.93 -0.97 0.00	46.45 -0.95 0.00	42.32 -0.86 0.00	41.03 -0.79 0.00	37.25 -0.68 0.00	35.19 -0.65 0.00	33.12 -0.61 0.00
ONTARIO___LFGE 23819	27.16 -0.61 0.00	26.40 -0.48 0.00	26.31 -0.40 0.00	27.16 -0.39 0.00	28.26 -0.37 0.00	31.64 -0.09 0.00	36.63 -0.30 0.00	41.00 -0.58 0.00	39.02 -0.47 0.00	31.93 -0.32 0.00	31.70 -0.32 0.00	30.43 -0.40 0.00	30.40 -0.43 0.00	31.03 -0.60 0.00	35.12 -0.79 0.00	38.12 -1.02 0.00	42.62 -1.41 0.00	49.37 -1.53 0.00	45.83 -1.56 0.00	41.98 -1.21 0.00	41.07 -0.75 0.00	37.21 -0.72 0.00	35.23 -0.61 0.00	33.35 -0.37 0.00
ORANGEVILLE_WT_PWR 323706	26.02 -1.75 0.00	25.51 -1.37 0.00	25.51 -1.20 0.00	26.31 -1.24 0.00	27.49 -1.15 0.00	31.00 -0.73 0.00	35.56 -1.37 0.00	39.54 -2.04 0.00	37.80 -1.70 0.00	31.16 -1.10 0.00	30.99 -1.03 0.00	29.60 -1.23 0.00	29.48 -1.36 0.00	30.11 -1.52 0.00	33.76 -2.15 0.00	36.36 -2.78 0.00	40.20 -3.83 0.00	46.93 -3.97 0.00	43.36 -4.03 0.00	39.60 -3.58 0.00	39.36 -2.47 0.00	35.78 -2.16 0.00	34.15 -1.68 0.00	32.68 -1.05 0.00
ORANGEVILLE___ESR 323794	26.02 -1.75 0.00	25.51 -1.37 0.00	25.51 -1.20 0.00	26.31 -1.24 0.00	27.49 -1.15 0.00	31.00 -0.73 0.00	35.56 -1.37 0.00	39.54 -2.04 0.00	37.80 -1.70 0.00	31.16 -1.10 0.00	30.99 -1.03 0.00	29.60 -1.23 0.00	29.48 -1.36 0.00	30.11 -1.52 0.00	33.76 -2.15 0.00	36.36 -2.78 0.00	40.20 -3.83 0.00	46.93 -3.97 0.00	43.36 -4.03 0.00	39.60 -3.58 0.00	39.36 -2.47 0.00	35.78 -2.16 0.00	34.15 -1.68 0.00	32.68 -1.05 0.00
OSWEGATCHIE___HYD 24044	26.91 -0.86 0.00	26.10 -0.78 0.00	25.96 -0.75 0.00	26.78 -0.77 0.00	27.80 -0.83 0.00	31.00 -0.73 0.00	36.12 -0.81 0.00	40.91 -0.67 0.00	38.94 -0.55 0.00	31.84 -0.42 0.00	31.60 -0.42 0.00	30.43 -0.40 0.00	30.49 -0.34 0.00	31.28 -0.35 0.00	35.66 -0.25 0.00	38.70 -0.43 0.00	43.19 -0.84 0.00	49.83 -1.07 0.00	46.31 -1.09 0.00	42.11 -1.08 0.00	40.99 -0.84 0.00	37.14 -0.80 0.00	35.15 -0.68 0.00	33.22 -0.50 0.00
OSWEGO___5 23606	26.99 -0.78 0.00	26.16 -0.72 0.00	25.99 -0.72 0.00	26.81 -0.74 0.00	27.86 -0.77 0.00	30.94 -0.79 0.00	35.82 -1.11 0.00	40.21 -1.37 0.00	38.23 -1.27 0.00	31.22 -1.03 0.00	31.02 -0.99 0.00	29.88 -0.96 0.00	29.84 -0.99 0.00	30.59 -1.04 0.00	34.69 -1.22 0.00	37.76 -1.37 0.00	42.40 -1.63 0.00	49.12 -1.78 0.00	45.69 -1.70 0.00	41.63 -1.55 0.00	40.45 -1.38 0.00	36.65 -1.29 0.00	34.65 -1.18 0.00	32.64 -1.08 0.00

OSWEGO___6 23613	26.99 -0.78 0.00	26.16 -0.72 0.00	25.99 -0.72 0.00	26.81 -0.74 0.00	27.86 -0.77 0.00	30.94 -0.79 0.00	35.82 -1.11 0.00	40.21 -1.37 0.00	38.23 -1.27 0.00	31.22 -1.03 0.00	31.02 -0.99 0.00	29.88 -0.96 0.00	29.84 -0.99 0.00	30.59 -1.04 0.00	34.69 -1.22 0.00	37.76 -1.37 0.00	42.40 -1.63 0.00	49.12 -1.78 0.00	45.69 -1.70 0.00	41.63 -1.55 0.00	40.45 -1.38 0.00	36.65 -1.29 0.00	34.65 -1.18 0.00	32.64 -1.08 0.00
OUTOKUMPU-AB___DRP 24206	25.93 -1.83 0.00	25.21 -1.67 0.00	25.27 -1.44 0.00	26.09 -1.46 0.00	27.17 -1.46 0.00	30.52 -1.21 0.00	34.86 -2.07 0.00	38.67 -2.91 0.00	37.01 -2.49 0.00	30.64 -1.61 0.00	30.54 -1.47 0.00	29.29 -1.54 0.00	29.20 -1.63 0.00	29.83 -1.80 0.00	33.25 -2.66 0.00	35.77 -3.37 0.00	39.32 -4.71 0.00	45.96 -4.94 0.00	42.46 -4.93 0.00	38.82 -4.36 0.00	38.23 -3.60 0.00	35.17 -2.77 0.00	33.65 -2.19 0.00	32.17 -1.55 0.00
OXBOW___BTM 323836	25.71 -2.05 0.00	25.19 -1.69 0.00	25.13 -1.58 0.00	25.84 -1.71 0.00	26.92 -1.72 0.00	30.34 -1.40 0.00	34.49 -2.44 0.00	38.17 -3.41 0.00	36.57 -2.92 0.00	30.29 -1.97 0.00	30.26 -1.76 0.00	28.95 -1.88 0.00	28.89 -1.94 0.00	29.48 -2.15 0.00	32.86 -3.05 0.00	35.38 -3.76 0.00	38.83 -5.20 0.00	45.50 -5.40 0.00	41.94 -5.45 0.00	38.31 -4.88 0.00	38.44 -3.39 0.00	34.79 -3.15 0.00	33.29 -2.54 0.00	31.87 -1.85 0.00
OXBOW____ 24026	25.71 -2.05 0.00	25.00 -1.88 0.00	25.03 -1.68 0.00	25.84 -1.71 0.00	26.92 -1.72 0.00	30.21 -1.52 0.00	34.46 -2.47 0.00	38.17 -3.41 0.00	36.53 -2.96 0.00	30.29 -1.97 0.00	30.22 -1.79 0.00	28.95 -1.88 0.00	28.89 -1.94 0.00	29.48 -2.15 0.00	32.86 -3.05 0.00	35.34 -3.80 0.00	38.83 -5.20 0.00	45.40 -5.50 0.00	41.94 -5.45 0.00	38.31 -4.88 0.00	37.77 -4.06 0.00	34.79 -3.15 0.00	33.29 -2.54 0.00	31.84 -1.89 0.00
OXY_CHEM_DSASP 323612	25.41 -2.36 0.00	24.70 -2.18 0.00	24.73 -1.98 0.00	25.51 -2.04 0.00	26.54 -2.09 0.00	29.80 -1.94 0.00	33.94 -2.99 0.00	37.55 -4.03 0.00	35.94 -3.55 0.00	29.81 -2.45 0.00	29.77 -2.24 0.00	28.55 -2.28 0.00	28.46 -2.37 0.00	29.04 -2.59 0.00	32.35 -3.56 0.00	34.79 -4.34 0.00	38.17 -5.86 0.00	44.64 -6.26 0.00	41.19 -6.21 0.00	37.66 -5.53 0.00	37.14 -4.68 0.00	34.22 -3.72 0.00	32.79 -3.05 0.00	31.36 -2.36 0.00
OZONE_PARK_ESR 323760	29.27 1.50 0.00	28.28 1.40 0.00	27.99 1.28 0.00	28.82 1.27 0.00	29.95 1.32 0.00	32.90 1.17 0.00	38.78 1.85 0.00	43.87 2.29 0.00	41.63 2.13 0.00	33.90 1.65 0.00	33.55 1.54 0.00	32.34 1.51 0.00	32.34 1.51 0.00	33.24 1.61 0.00	37.96 2.05 0.00	41.48 2.35 0.00	47.07 3.04 0.00	54.31 3.41 0.00	50.81 3.41 0.00	46.30 3.11 0.00	44.63 2.80 0.00	40.17 2.24 0.00	37.77 1.94 0.00	35.31 1.59 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	25.41 -2.36 0.00	24.70 -2.18 0.00	24.73 -1.98 0.00	25.51 -2.04 0.00	26.54 -2.09 0.00	29.80 -1.94 0.00	33.94 -2.99 0.00	37.55 -4.03 0.00	35.94 -3.55 0.00	29.81 -2.45 0.00	29.77 -2.24 0.00	28.55 -2.28 0.00	28.46 -2.37 0.00	29.04 -2.59 0.00	32.35 -3.56 0.00	34.79 -4.34 0.00	38.17 -5.86 0.00	44.64 -6.26 0.00	41.19 -6.21 0.00	37.66 -5.53 0.00	37.14 -4.68 0.00	34.22 -3.72 0.00	32.79 -3.05 0.00	31.36 -2.36 0.00
PACKARD__115KV_DUPONT_184 80571	25.41 -2.36 0.00	24.70 -2.18 0.00	24.73 -1.98 0.00	25.51 -2.04 0.00	26.54 -2.09 0.00	29.80 -1.94 0.00	33.94 -2.99 0.00	37.55 -4.03 0.00	35.94 -3.55 0.00	29.81 -2.45 0.00	29.77 -2.24 0.00	28.55 -2.28 0.00	28.46 -2.37 0.00	29.04 -2.59 0.00	32.35 -3.56 0.00	34.79 -4.34 0.00	38.17 -5.86 0.00	44.64 -6.26 0.00	41.19 -6.21 0.00	37.66 -5.53 0.00	37.14 -4.68 0.00	34.22 -3.72 0.00	32.79 -3.05 0.00	31.36 -2.36 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.04 1.28 0.00	28.01 1.13 0.00	27.75 1.04 0.00	28.57 1.02 0.00	29.69 1.06 0.00	32.56 0.82 0.00	38.33 1.40 0.00	43.37 1.79 0.00	41.15 1.66 0.00	33.58 1.32 0.00	33.23 1.22 0.00	32.06 1.23 0.00	32.06 1.23 0.00	32.93 1.30 0.00	37.53 1.62 0.00	41.01 1.88 0.00	46.49 2.47 0.00	53.65 2.75 0.00	50.14 2.75 0.00	45.69 2.50 0.00	44.04 2.22 0.00	39.68 1.75 0.00	37.34 1.51 0.00	34.90 1.18 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.65 1.89 0.00	28.60 1.72 0.00	28.34 1.63 0.00	29.20 1.65 0.00	30.35 1.72 0.00	33.32 1.59 0.00	39.26 2.33 0.00	44.45 2.87 0.00	42.14 2.65 0.00	34.29 2.03 0.00	33.87 1.86 0.00	32.68 1.85 0.00	32.65 1.82 0.00	33.56 1.93 0.00	38.28 2.37 0.00	41.79 2.66 0.00	47.42 3.39 0.00	54.67 3.77 0.00	51.14 3.74 0.00	46.60 3.41 0.00	44.92 3.10 0.00	40.52 2.58 0.00	38.13 2.29 0.00	35.65 1.92 0.00
PATROON__115KV_TB1 80586	28.77 1.00 0.00	27.79 0.91 0.00	27.59 0.88 0.00	28.46 0.91 0.00	29.58 0.94 0.00	32.65 0.92 0.00	38.19 1.26 0.00	42.95 1.37 0.00	40.76 1.26 0.00	33.26 1.00 0.00	32.91 0.90 0.00	31.66 0.83 0.00	31.63 0.80 0.00	32.48 0.85 0.00	36.77 0.86 0.00	40.11 0.98 0.00	45.31 1.28 0.00	52.38 1.48 0.00	48.82 1.42 0.00	44.48 1.30 0.00	42.95 1.13 0.00	38.92 0.99 0.00	36.80 0.97 0.00	34.70 0.98 0.00
PATTRSNVILLE___SOLAR 323815	28.65 0.89 0.00	27.69 0.81 0.00	27.51 0.80 0.00	28.41 0.85 0.00	29.52 0.89 0.00	32.65 0.92 0.00	38.15 1.22 0.00	42.99 1.41 0.00	40.72 1.23 0.00	33.06 0.81 0.00	32.72 0.70 0.00	31.45 0.62 0.00	31.48 0.65 0.00	32.29 0.67 0.00	36.70 0.79 0.00	40.31 1.17 0.00	45.61 1.58 0.00	52.78 1.88 0.00	49.15 1.75 0.00	44.79 1.60 0.00	43.25 1.42 0.00	39.23 1.29 0.00	36.98 1.15 0.00	34.70 0.98 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	26.52 -1.25 0.00	25.78 -1.10 0.00	25.83 -0.88 0.00	26.67 -0.88 0.00	27.83 -0.80 0.00	31.29 -0.44 0.00	35.86 -1.07 0.00	39.79 -1.79 0.00	38.11 -1.38 0.00	31.45 -0.81 0.00	31.31 -0.70 0.00	30.00 -0.83 0.00	29.91 -0.92 0.00	30.55 -1.08 0.00	34.19 -1.72 0.00	36.82 -2.31 0.00	40.64 -3.39 0.00	47.44 -3.46 0.00	43.89 -3.51 0.00	40.08 -3.11 0.00	39.44 -2.38 0.00	36.15 -1.78 0.00	34.55 -1.29 0.00	33.02 -0.71 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	29.38 1.61 0.00	28.36 1.48 0.00	28.07 1.36 0.00	28.93 1.38 0.00	30.12 1.49 0.00	33.10 1.36 0.00	38.92 1.99 0.00	43.99 2.41 0.00	41.75 2.25 0.00	33.90 1.65 0.00	33.49 1.47 0.00	32.22 1.39 0.00	32.25 1.42 0.00	33.21 1.58 0.00	37.88 1.98 0.00	41.44 2.31 0.00	47.02 2.99 0.00	54.31 3.41 0.00	50.81 3.41 0.00	46.25 3.07 0.00	44.59 2.76 0.00	40.14 2.20 0.00	37.84 2.01 0.00	35.34 1.62 0.00
PEEKSKILL____ 23653	28.99 1.22 0.00	27.96 1.08 0.00	27.72 1.01 0.00	28.57 1.02 0.00	29.69 1.06 0.00	32.65 0.92 0.00	38.37 1.44 0.00	43.37 1.79 0.00	41.11 1.62 0.00	33.48 1.23 0.00	33.14 1.12 0.00	31.91 1.08 0.00	31.94 1.11 0.00	32.83 1.20 0.00	37.45 1.54 0.00	40.93 1.80 0.00	46.40 2.38 0.00	53.59 2.70 0.00	50.09 2.70 0.00	45.65 2.46 0.00	43.92 2.09 0.00	39.72 1.78 0.00	37.41 1.57 0.00	34.97 1.25 0.00

PGE MADISON___WINDPWR 24146	29.13 1.36 0.00	28.36 1.48 0.00	28.34 1.63 0.00	29.31 1.76 0.00	30.44 1.81 0.00	34.30 2.57 0.00	40.11 3.18 0.00	48.81 7.23 0.00	46.21 6.71 0.00	37.03 4.77 0.00	36.56 4.54 0.00	34.93 4.10 0.00	34.62 3.79 0.00	35.20 3.57 0.00	40.58 4.67 0.00	44.57 5.44 0.00	50.37 6.34 0.00	54.77 3.87 0.00	50.81 3.41 0.00	45.99 2.81 0.00	44.84 3.01 0.00	40.48 2.54 0.00	38.38 2.54 0.00	36.22 2.50 0.00
PIERCEFIELD___HYD 23852	27.29 -0.47 0.00	26.53 -0.35 0.00	26.36 -0.35 0.00	27.19 -0.36 0.00	28.23 -0.40 0.00	31.48 -0.25 0.00	36.56 -0.37 0.00	41.37 -0.21 0.00	39.34 -0.16 0.00	32.13 -0.13 0.00	31.95 -0.06 0.00	30.77 -0.06 0.00	30.86 0.03 0.00	31.69 0.06 0.00	36.12 0.22 0.00	39.29 0.16 0.00	43.72 -0.31 0.00	50.39 -0.51 0.00	46.87 -0.52 0.00	42.67 -0.52 0.00	41.70 -0.13 0.00	37.82 -0.11 0.00	35.87 0.04 0.00	33.99 0.27 0.00
PINELAWN_CC_1 323563	29.63 1.86 0.00	28.33 1.45 0.00	27.97 1.26 0.00	28.79 1.24 0.00	29.98 1.35 0.00	33.16 1.43 0.00	39.15 2.22 0.00	44.45 2.87 0.00	41.70 2.21 0.00	33.67 1.42 0.00	33.33 1.31 0.00	32.07 1.23 0.00	32.16 1.32 0.00	33.21 1.58 0.00	38.57 2.66 0.00	42.30 3.17 0.00	48.88 3.96 -0.89	55.54 4.63 -0.01	52.00 4.50 -0.10	49.45 3.93 -2.34	45.43 3.60 -0.01	41.06 3.11 -0.01	38.42 2.58 0.00	35.68 1.96 0.00
PJM_GEN_HTP_PROXY 323702	29.10 1.33 0.00	28.03 1.16 0.00	27.81 1.10 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.72 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	40.03 1.82 1.29	34.93 1.39 -1.29	33.30 1.28 0.00	32.10 1.26 0.00	32.10 1.26 0.00	32.99 1.36 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.80 2.90 0.00	50.33 2.94 0.00	45.87 2.68 0.00	44.12 2.30 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.04 1.31 0.00
PJM_GEN_KEystone 24065	25.54 -0.22 2.00	23.00 -0.19 3.69	23.00 -0.16 3.55	23.20 -0.19 4.16	23.38 -0.17 5.08	23.81 -0.16 7.76	27.94 -0.22 8.77	33.20 -0.42 7.96	30.00 -0.36 9.14	26.60 -0.19 5.46	25.08 -0.19 6.75	24.07 -0.25 6.51	23.23 -0.28 7.32	23.56 -0.32 7.75	24.75 -0.43 10.73	27.30 -0.55 11.29	31.07 -0.71 12.25	40.42 -0.66 9.82	36.00 -0.66 10.73	33.00 -0.56 9.62	31.07 -0.29 10.46	29.26 -0.38 8.30	27.37 -0.29 8.18	25.27 -0.13 8.32
PJM_GEN_NEPTUNE_PROXY 323594	29.24 1.47 0.00	27.98 1.10 0.00	27.64 0.93 0.00	28.49 0.94 0.00	29.64 1.00 0.00	32.75 1.02 0.00	38.67 1.74 0.00	43.82 2.24 0.00	39.87 1.66 1.29	34.57 1.03 -1.28	32.94 0.93 0.00	31.72 0.89 0.00	31.79 0.96 0.00	32.76 1.14 0.00	37.99 2.08 0.00	41.68 2.54 0.00	47.92 3.17 -0.72	54.52 3.61 -0.01	50.98 3.51 -0.08	48.27 3.11 -1.97	44.68 2.85 -0.01	40.41 2.46 -0.01	37.88 2.04 0.00	35.21 1.48 0.00
PJM_GEN_VFT_PROXY 323633	28.15 1.11 0.73	27.82 0.94 0.00	27.62 0.91 0.00	27.82 0.88 0.61	28.84 0.92 0.71	31.88 0.73 0.58	37.78 1.29 0.44	42.91 1.66 0.34	39.31 1.50 1.69	34.03 1.16 -0.61	32.41 1.05 0.66	31.91 1.08 0.00	31.91 1.08 0.00	32.07 1.14 0.70	36.86 1.47 0.52	40.46 1.72 0.40	43.02 2.33 3.34	49.71 2.54 3.73	48.86 2.60 1.13	45.31 2.37 0.25	42.62 2.01 1.21	39.11 1.63 0.45	36.70 1.40 0.53	34.22 1.05 0.55
PLATSBURG_115KV_PMLD1 355749	27.38 -0.39 0.00	26.58 -0.30 0.00	26.39 -0.32 0.00	27.22 -0.33 0.00	28.29 -0.34 0.00	31.67 -0.06 0.00	37.04 0.11 0.00	41.95 0.37 0.00	40.05 0.55 0.00	32.81 0.55 0.00	32.72 0.70 0.00	31.57 0.74 0.00	31.79 0.96 0.00	32.77 1.14 0.00	37.35 1.44 0.00	40.66 1.53 0.00	45.17 1.14 0.00	52.07 1.17 0.00	48.39 1.00 0.00	44.05 0.86 0.00	42.75 0.92 0.00	39.11 1.18 0.00	36.84 1.00 0.00	34.80 1.08 0.00
PLEASANTVLY___LBMP 24000	29.02 1.25 0.00	28.04 1.16 0.00	27.78 1.07 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.71 0.98 0.00	38.37 1.44 0.00	43.33 1.75 0.00	41.07 1.58 0.00	33.48 1.23 0.00	33.17 1.15 0.00	31.97 1.14 0.00	31.94 1.11 0.00	32.83 1.20 0.00	37.38 1.47 0.00	40.86 1.72 0.00	46.23 2.20 0.00	53.39 2.49 0.00	49.86 2.46 0.00	45.48 2.29 0.00	43.83 2.01 0.00	39.61 1.67 0.00	37.30 1.47 0.00	34.90 1.18 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.13 1.36 0.00	28.12 1.24 0.00	27.86 1.15 0.00	28.71 1.16 0.00	29.84 1.20 0.00	32.78 1.05 0.00	38.56 1.62 0.00	43.58 2.00 0.00	41.31 1.82 0.00	33.64 1.39 0.00	33.33 1.31 0.00	32.10 1.26 0.00	32.10 1.26 0.00	32.99 1.36 0.00	37.63 1.72 0.00	41.13 2.00 0.00	46.58 2.55 0.00	53.80 2.90 0.00	50.28 2.89 0.00	45.86 2.68 0.00	44.21 2.38 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.11 1.38 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.13 1.36 0.00	28.12 1.24 0.00	27.86 1.15 0.00	28.71 1.16 0.00	29.84 1.20 0.00	32.78 1.05 0.00	38.56 1.62 0.00	43.58 2.00 0.00	41.31 1.82 0.00	33.64 1.39 0.00	33.33 1.31 0.00	32.10 1.26 0.00	32.10 1.26 0.00	32.99 1.36 0.00	37.63 1.72 0.00	41.13 2.00 0.00	46.58 2.55 0.00	53.80 2.90 0.00	50.28 2.89 0.00	45.86 2.68 0.00	44.21 2.38 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.11 1.38 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.29 1.53 0.00	28.30 1.42 0.00	28.02 1.31 0.00	28.90 1.35 0.00	30.04 1.40 0.00	33.03 1.30 0.00	38.81 1.88 0.00	43.78 2.20 0.00	41.55 2.05 0.00	33.81 1.55 0.00	33.46 1.44 0.00	32.19 1.36 0.00	32.16 1.33 0.00	33.08 1.45 0.00	37.74 1.83 0.00	41.29 2.15 0.00	46.80 2.77 0.00	54.05 3.16 0.00	50.43 3.03 0.00	45.99 2.81 0.00	44.29 2.47 0.00	39.95 2.01 0.00	37.66 1.83 0.00	35.28 1.55 0.00
POLETTI___ 23519	28.99 1.22 0.00	28.04 1.16 0.00	27.75 1.04 0.00	28.57 1.02 0.00	29.66 1.03 0.00	32.57 0.86 0.02	32.84 1.44 5.53	34.84 1.83 8.57	34.38 1.70 6.81	33.53 1.29 0.02	33.18 1.18 0.02	31.99 1.17 0.02	31.99 1.17 0.02	32.88 1.27 0.02	35.21 1.65 2.35	35.35 1.92 5.70	36.08 2.51 10.46	36.08 2.75 17.57	36.82 2.80 13.37	36.12 2.59 9.65	35.74 2.26 8.34	35.57 1.82 4.19	35.21 1.54 2.16	34.11 1.21 0.82
POMONA___ESR 323819	28.93 1.17 0.00	27.90 1.02 0.00	27.67 0.96 0.00	28.51 0.96 0.00	29.64 1.00 0.00	32.59 0.86 0.00	38.30 1.37 0.00	43.28 1.71 0.00	41.03 1.54 0.00	33.42 1.16 0.00	33.07 1.05 0.00	31.85 1.02 0.00	31.85 1.02 0.00	32.74 1.11 0.00	37.38 1.47 0.00	40.81 1.68 0.00	46.36 2.33 0.00	53.49 2.59 0.00	50.00 2.60 0.00	45.56 2.37 0.00	43.87 2.05 0.00	39.65 1.71 0.00	37.34 1.50 0.00	34.90 1.18 0.00
PORT_JEFF_3 23555	29.85 2.08 0.00	28.52 1.64 0.00	28.12 1.41 0.00	28.98 1.43 0.00	30.18 1.55 0.00	33.38 1.65 0.00	39.48 2.55 0.00	44.82 3.25 0.00	42.06 2.57 0.00	33.93 1.68 0.00	33.58 1.57 0.00	32.34 1.51 0.00	32.43 1.60 0.00	33.43 1.80 0.00	38.89 2.98 0.00	42.73 3.60 0.00	49.38 4.54 -0.81	56.25 5.34 -0.01	52.65 5.17 -0.09	49.72 4.41 -2.12	45.85 4.02 -0.01	41.40 3.45 -0.01	38.70 2.87 0.00	35.91 2.19 0.00

PORT_JEFF_4 23616	29.85 2.08 0.00	28.52 1.64 0.00	28.12 1.41 0.00	28.98 1.43 0.00	30.18 1.55 0.00	33.38 1.65 0.00	39.48 2.55 0.00	44.82 3.25 0.00	42.06 2.57 0.00	33.93 1.68 0.00	33.58 1.57 0.00	32.34 1.51 0.00	32.43 1.60 0.00	33.43 1.80 0.00	38.89 2.98 0.00	42.73 3.60 0.00	49.38 4.54 -0.81	56.25 5.34 -0.01	52.65 5.17 -0.09	49.72 4.41 -2.12	45.85 4.02 -0.01	41.40 3.45 -0.01	38.70 2.87 0.00	35.91 2.19 0.00
PORT_JEFF_IC 23713	29.88 2.11 0.00	28.60 1.72 0.00	28.26 1.55 0.00	28.98 1.43 0.00	30.18 1.55 0.00	33.41 1.68 0.00	39.48 2.55 0.00	44.86 3.28 0.00	42.10 2.61 0.00	33.93 1.68 0.00	33.58 1.57 0.00	32.37 1.54 0.00	32.43 1.60 0.00	33.46 1.83 0.00	38.93 3.02 0.00	42.62 3.48 0.00	49.42 4.58 -0.82	56.35 5.45 -0.01	52.70 5.21 -0.09	49.94 4.62 -2.13	45.98 4.14 -0.01	41.44 3.49 -0.01	38.74 2.90 0.00	35.95 2.23 0.00
PPL_PILGRIM_ST_GT1 24216	29.85 2.08 0.00	28.52 1.64 0.00	28.15 1.44 0.00	28.98 1.43 0.00	30.18 1.55 0.00	33.38 1.65 0.00	39.44 2.51 0.00	44.74 3.16 0.00	42.06 2.57 0.00	33.96 1.71 0.00	33.62 1.60 0.00	32.34 1.51 0.00	32.43 1.60 0.00	33.46 1.83 0.00	38.85 2.95 0.00	42.69 3.56 0.00	49.30 4.45 -0.83	56.15 5.24 -0.01	52.56 5.07 -0.09	49.70 4.36 -2.16	45.81 3.98 -0.01	41.36 3.42 -0.01	38.70 2.87 0.00	35.95 2.23 0.00
PPL_PILGRIM_ST_GT2 24217	29.85 2.08 0.00	28.52 1.64 0.00	28.15 1.44 0.00	28.98 1.43 0.00	30.18 1.55 0.00	33.38 1.65 0.00	39.44 2.51 0.00	44.74 3.16 0.00	42.06 2.57 0.00	33.96 1.71 0.00	33.62 1.60 0.00	32.34 1.51 0.00	32.43 1.60 0.00	33.46 1.83 0.00	38.85 2.95 0.00	42.69 3.56 0.00	49.30 4.45 -0.83	56.15 5.24 -0.01	52.56 5.07 -0.09	49.70 4.36 -2.16	45.81 3.98 -0.01	41.36 3.42 -0.01	38.70 2.87 0.00	35.95 2.23 0.00
PPL_SHRM_GT3 24213	29.99 2.22 0.00	28.63 1.75 0.00	28.23 1.52 0.00	29.09 1.54 0.00	30.32 1.69 0.00	33.57 1.84 0.00	39.70 2.77 0.00	45.16 3.58 0.00	42.42 2.92 0.00	34.13 1.87 0.00	33.77 1.76 0.00	32.59 1.76 0.00	32.65 1.82 0.00	33.65 2.03 0.00	39.18 3.27 0.00	43.08 3.95 0.00	49.82 4.97 -0.82	56.86 5.95 -0.01	53.17 5.68 -0.09	50.10 4.79 -2.12	46.22 4.39 -0.01	41.67 3.72 -0.01	38.88 3.04 0.00	36.08 2.36 0.00
PPL_SHRM_GT4 24214	29.99 2.22 0.00	28.63 1.75 0.00	28.23 1.52 0.00	29.09 1.54 0.00	30.32 1.69 0.00	33.57 1.84 0.00	39.70 2.77 0.00	45.16 3.58 0.00	42.42 2.92 0.00	34.13 1.87 0.00	33.77 1.76 0.00	32.59 1.76 0.00	32.65 1.82 0.00	33.65 2.03 0.00	39.18 3.27 0.00	43.08 3.95 0.00	49.82 4.97 -0.82	56.86 5.95 -0.01	53.17 5.68 -0.09	50.10 4.79 -2.12	46.22 4.39 -0.01	41.67 3.72 -0.01	38.88 3.04 0.00	36.08 2.36 0.00
PROJECT___ORANGE 1 24174	27.27 -0.50 0.00	26.40 -0.48 0.00	26.26 -0.45 0.00	27.08 -0.47 0.00	28.15 -0.49 0.00	31.25 -0.48 0.00	36.23 -0.70 0.00	40.66 -0.91 0.00	38.67 -0.83 0.00	31.61 -0.65 0.00	31.38 -0.64 0.00	30.21 -0.62 0.00	30.18 -0.65 0.00	30.90 -0.73 0.00	35.05 -0.86 0.00	38.15 -0.98 0.00	42.88 -1.14 0.00	49.68 -1.22 0.00	46.21 -1.18 0.00	42.11 -1.08 0.00	40.82 -1.00 0.00	37.06 -0.87 0.00	35.01 -0.82 0.00	32.98 -0.74 0.00
PROJECT___ORANGE 2 24166	27.27 -0.50 0.00	26.40 -0.48 0.00	26.26 -0.45 0.00	27.08 -0.47 0.00	28.15 -0.49 0.00	31.25 -0.48 0.00	36.23 -0.70 0.00	40.66 -0.91 0.00	38.67 -0.83 0.00	31.61 -0.65 0.00	31.38 -0.64 0.00	30.21 -0.62 0.00	30.18 -0.65 0.00	30.90 -0.73 0.00	35.05 -0.86 0.00	38.15 -0.98 0.00	42.88 -1.14 0.00	49.68 -1.22 0.00	46.21 -1.18 0.00	42.11 -1.08 0.00	40.82 -1.00 0.00	37.06 -0.87 0.00	35.01 -0.82 0.00	32.98 -0.74 0.00
PUCKETT___SOLAR 323809	28.02 0.25 0.00	27.18 0.30 0.00	27.06 0.35 0.00	27.94 0.39 0.00	29.03 0.40 0.00	32.40 0.67 0.00	37.67 0.74 0.00	42.79 1.21 0.00	40.60 1.10 0.00	33.03 0.77 0.00	32.72 0.70 0.00	31.39 0.56 0.00	31.29 0.46 0.00	32.04 0.41 0.00	36.45 0.54 0.00	39.80 0.66 0.00	44.78 0.75 0.00	51.46 0.56 0.00	47.82 0.43 0.00	43.53 0.34 0.00	42.37 0.54 0.00	38.35 0.42 0.00	36.30 0.46 0.00	34.26 0.54 0.00
PYRITES___HYD 24023	27.88 0.11 0.00	27.09 0.22 0.00	26.98 0.27 0.00	27.83 0.28 0.00	28.86 0.23 0.00	32.27 0.54 0.00	37.52 0.59 0.00	42.49 0.91 0.00	40.40 0.91 0.00	32.93 0.68 0.00	32.72 0.70 0.00	31.51 0.68 0.00	31.60 0.77 0.00	32.42 0.79 0.00	36.99 1.08 0.00	40.23 1.10 0.00	44.82 0.79 0.00	51.71 0.81 0.00	48.10 0.71 0.00	43.75 0.56 0.00	42.75 0.92 0.00	38.77 0.83 0.00	36.70 0.86 0.00	34.77 1.05 0.00
QUAKERRD_115KV_BK1 80622	26.16 -1.61 0.00	25.37 -1.51 0.00	25.27 -1.44 0.00	26.09 -1.46 0.00	27.09 -1.55 0.00	30.27 -1.46 0.00	34.94 -1.99 0.00	39.08 -2.49 0.00	37.20 -2.29 0.00	30.58 -1.68 0.00	30.42 -1.60 0.00	29.26 -1.57 0.00	29.23 -1.60 0.00	29.86 -1.77 0.00	33.68 -2.23 0.00	36.47 -2.66 0.00	40.68 -3.35 0.00	47.34 -3.56 0.00	43.89 -3.51 0.00	40.03 -3.15 0.00	39.06 -2.76 0.00	35.62 -2.31 0.00	33.76 -2.08 0.00	31.94 -1.79 0.00
QUENSBRY_115KV_TB8 356137	28.68 0.92 0.00	27.66 0.78 0.00	27.48 0.77 0.00	28.38 0.83 0.00	29.52 0.89 0.00	32.71 0.98 0.00	38.30 1.37 0.00	43.20 1.62 0.00	40.92 1.42 0.00	33.26 1.00 0.00	32.91 0.90 0.00	31.63 0.80 0.00	31.66 0.83 0.00	32.51 0.89 0.00	36.95 1.04 0.00	40.54 1.41 0.00	46.05 2.03 0.00	53.24 2.34 0.00	49.62 2.23 0.00	45.13 1.94 0.00	43.58 1.76 0.00	39.38 1.44 0.00	37.09 1.25 0.00	34.77 1.05 0.00
RAMAPO___LBMP 323565	28.82 1.06 0.00	27.85 0.97 0.00	27.59 0.88 0.00	28.40 0.85 0.00	29.55 0.92 0.00	32.49 0.76 0.00	38.15 1.22 0.00	43.12 1.54 0.00	40.88 1.38 0.00	33.29 1.03 0.00	32.98 0.96 0.00	31.76 0.92 0.00	31.76 0.92 0.00	32.64 1.01 0.00	37.24 1.33 0.00	40.70 1.57 0.00	46.19 2.16 0.00	53.34 2.44 0.00	49.81 2.42 0.00	45.43 2.25 0.00	43.79 1.97 0.00	39.53 1.59 0.00	37.23 1.40 0.00	34.80 1.08 0.00
RANKINE____ 23646	26.18 -1.58 0.00	25.48 -1.40 0.00	25.53 -1.18 0.00	26.37 -1.18 0.00	27.52 -1.12 0.00	30.94 -0.79 0.00	35.38 -1.55 0.00	39.25 -2.33 0.00	37.60 -1.90 0.00	31.06 -1.19 0.00	30.96 -1.06 0.00	29.66 -1.17 0.00	29.57 -1.26 0.00	30.17 -1.45 0.00	33.72 -2.19 0.00	36.28 -2.86 0.00	39.98 -4.05 0.00	46.67 -4.22 0.00	43.18 -4.22 0.00	39.43 -3.76 0.00	38.81 -3.01 0.00	35.70 -2.24 0.00	34.12 -1.72 0.00	32.61 -1.11 0.00
RAVENSWOOD_GT2_1 24244	29.10 1.33 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.31 1.82 0.00	33.64 1.39 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	32.99 1.36 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.91 2.72 0.00	44.25 2.43 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00

RAVENSWOOD_GT2_2 24245	29.10 1.33 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.31 1.82 0.00	33.64 1.39 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	32.99 1.36 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.91 2.72 0.00	44.25 2.43 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
RAVENSWOOD_GT2_3 24246	29.10 1.33 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.31 1.82 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.71 2.69 0.00	53.85 2.95 0.00	50.38 2.99 0.00	45.91 2.72 0.00	44.25 2.43 0.00	39.91 1.97 0.00	37.52 1.68 0.00	35.07 1.35 0.00
RAVENSWOOD_GT2_4 24247	29.10 1.33 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.31 1.82 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.71 2.69 0.00	53.85 2.95 0.00	50.38 2.99 0.00	45.91 2.72 0.00	44.25 2.43 0.00	39.91 1.97 0.00	37.52 1.68 0.00	35.07 1.35 0.00
RAVENSWOOD_GT3_1 24248	29.10 1.33 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.31 1.82 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.91 2.72 0.00	44.25 2.43 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
RAVENSWOOD_GT3_2 24249	29.10 1.33 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.31 1.82 0.00	33.68 1.42 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.91 2.72 0.00	44.25 2.43 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
RAVENSWOOD_GT3_3 24250	29.13 1.36 0.00	28.14 1.26 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.75 1.02 0.00	38.56 1.62 0.00	43.62 2.04 0.00	41.35 1.86 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.16 1.33 0.00	32.16 1.33 0.00	33.05 1.42 0.00	37.70 1.80 0.00	41.21 2.07 0.00	46.76 2.73 0.00	53.90 3.00 0.00	50.43 3.03 0.00	45.95 2.76 0.00	44.29 2.47 0.00	39.91 1.97 0.00	37.56 1.72 0.00	35.11 1.38 0.00
RAVENSWOOD_GT3_4 24251	29.13 1.36 0.00	28.14 1.26 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.75 1.02 0.00	38.56 1.62 0.00	43.62 2.04 0.00	41.35 1.86 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.16 1.33 0.00	32.16 1.33 0.00	33.05 1.42 0.00	37.70 1.80 0.00	41.21 2.07 0.00	46.76 2.73 0.00	53.90 3.00 0.00	50.43 3.03 0.00	45.95 2.76 0.00	44.29 2.47 0.00	39.91 1.97 0.00	37.56 1.72 0.00	35.11 1.38 0.00
RAVENSWOOD_GT_1 23729	32.07 1.42 -2.89	31.12 1.29 -2.95	30.82 1.20 -2.91	31.59 1.18 -2.86	32.57 1.23 -2.71	35.07 1.05 -2.29	40.29 1.62 -1.74	44.95 2.04 -1.34	42.98 1.90 -1.59	36.43 1.52 -2.65	36.02 1.41 -2.60	35.00 1.42 -2.75	35.09 1.42 -2.84	35.86 1.49 -2.74	39.84 1.87 -2.06	42.81 2.11 -1.56	59.74 2.73 -12.98	68.47 3.05 -14.52	54.86 3.03 -4.43	46.95 2.76 -1.00	49.01 2.47 -4.72	41.73 2.01 -1.78	39.64 1.72 -2.08	37.32 1.42 -2.18
RAVENSWOOD_GT_10 24258	29.10 1.33 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.31 1.82 0.00	33.64 1.39 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	32.99 1.36 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.91 2.72 0.00	44.25 2.43 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
RAVENSWOOD_GT_11 24259	29.10 1.33 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.31 1.82 0.00	33.64 1.39 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	32.99 1.36 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.91 2.72 0.00	44.25 2.43 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
RAVENSWOOD_GT_4 24252	31.27 1.31 -2.20	30.33 1.21 -2.25	30.04 1.12 -2.21	30.83 1.10 -2.18	31.84 1.15 -2.06	34.46 0.98 -1.74	39.84 1.59 -1.32	44.59 2.00 -1.02	42.53 1.82 -1.21	35.66 1.39 -2.02	35.27 1.28 -1.98	34.19 1.26 -2.09	34.26 1.26 -2.16	35.08 1.36 -2.09	39.24 1.76 -1.57	42.36 2.03 -1.19	56.55 2.64 -9.88	64.91 2.95 -11.06	53.71 2.94 -3.37	46.67 2.72 -0.76	47.84 2.43 -3.59	41.23 1.93 -1.36	39.10 1.68 -1.58	36.70 1.32 -1.66
RAVENSWOOD_GT_5 24254	31.27 1.31 -2.20	30.33 1.21 -2.25	30.04 1.12 -2.21	30.83 1.10 -2.18	31.84 1.15 -2.06	34.46 0.98 -1.74	39.84 1.59 -1.32	44.59 2.00 -1.02	42.53 1.82 -1.21	35.66 1.39 -2.02	35.27 1.28 -1.98	34.19 1.26 -2.09	34.26 1.26 -2.16	35.08 1.36 -2.09	39.24 1.76 -1.57	42.36 2.03 -1.19	56.55 2.64 -9.88	64.91 2.95 -11.06	53.71 2.94 -3.37	46.67 2.72 -0.76	47.84 2.43 -3.59	41.23 1.93 -1.36	39.10 1.68 -1.58	36.70 1.32 -1.66
RAVENSWOOD_GT_6 24253	31.27 1.31 -2.20	30.33 1.21 -2.25	30.04 1.12 -2.21	30.83 1.10 -2.18	31.84 1.15 -2.06	34.46 0.98 -1.74	39.84 1.59 -1.32	44.59 2.00 -1.02	42.53 1.82 -1.21	35.66 1.39 -2.02	35.27 1.28 -1.98	34.19 1.26 -2.09	34.26 1.26 -2.16	35.08 1.36 -2.09	39.24 1.76 -1.57	42.36 2.03 -1.19	56.55 2.64 -9.88	64.91 2.95 -11.06	53.71 2.94 -3.37	46.67 2.72 -0.76	47.84 2.43 -3.59	41.23 1.93 -1.36	39.10 1.68 -1.58	36.70 1.32 -1.66
RAVENSWOOD_GT_7 24255	31.27 1.31 -2.20	30.33 1.21 -2.25	30.04 1.12 -2.21	30.83 1.10 -2.18	31.84 1.15 -2.06	34.46 0.98 -1.74	39.84 1.59 -1.32	44.59 2.00 -1.02	42.53 1.82 -1.21	35.66 1.39 -2.02	35.27 1.28 -1.98	34.19 1.26 -2.09	34.26 1.26 -2.16	35.08 1.36 -2.09	39.24 1.76 -1.57	42.36 2.03 -1.19	56.55 2.64 -9.88	64.91 2.95 -11.06	53.71 2.94 -3.37	46.67 2.72 -0.76	47.84 2.43 -3.59	41.23 1.93 -1.36	39.10 1.68 -1.58	36.70 1.32 -1.66
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.10 1.33 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.31 1.82 0.00	33.64 1.39 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	32.99 1.36 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.91 2.72 0.00	44.25 2.43 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00

RAVENSWOOD_GT_9 24257	29.10 1.33 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.71 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.31 1.82 0.00	33.64 1.39 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	32.99 1.36 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.91 2.72 0.00	44.25 2.43 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.07 1.35 0.00
RAVENSWOOD___1 23533	29.18 1.42 0.00	28.09 1.21 0.00	27.88 1.17 0.00	28.71 1.16 0.00	29.84 1.20 0.00	32.78 1.05 0.00	38.55 1.62 0.00	43.62 2.04 0.00	41.39 1.90 0.00	33.74 1.48 0.00	33.39 1.38 0.00	32.22 1.39 0.00	32.22 1.39 0.00	33.08 1.46 0.00	37.74 1.83 0.00	41.25 2.11 0.00	46.76 2.73 0.00	53.90 3.00 0.00	50.43 3.04 0.00	45.91 2.72 0.00	44.21 2.38 0.00	39.91 1.97 0.00	37.56 1.72 0.00	35.11 1.38 0.00
RAVENSWOOD___2 23534	29.18 1.42 0.00	28.09 1.21 0.00	27.88 1.17 0.00	28.71 1.16 0.00	29.84 1.20 0.00	32.75 1.02 0.00	38.55 1.62 0.00	43.58 2.00 0.00	41.35 1.86 0.00	33.74 1.48 0.00	33.39 1.38 0.00	32.22 1.39 0.00	32.22 1.39 0.00	33.08 1.46 0.00	37.74 1.83 0.00	41.21 2.07 0.00	46.76 2.73 0.00	53.90 3.00 0.00	50.43 3.04 0.00	45.91 2.72 0.00	44.17 2.34 0.00	39.91 1.97 0.00	37.56 1.72 0.00	35.11 1.38 0.00
RAVENSWOOD___3 23535	29.10 1.33 0.00	28.03 1.16 0.00	27.81 1.10 0.00	28.65 1.10 0.00	29.78 1.15 0.00	32.72 0.98 0.00	38.52 1.59 0.00	43.58 2.00 0.00	41.31 1.82 0.00	33.67 1.42 0.00	33.33 1.31 0.00	32.13 1.29 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.67 1.76 0.00	41.17 2.03 0.00	46.67 2.64 0.00	53.85 2.95 0.00	50.33 2.94 0.00	45.87 2.68 0.00	44.17 2.34 0.00	39.87 1.93 0.00	37.52 1.68 0.00	35.04 1.31 0.00
RAVENSWOOD___4 23820	26.31 1.39 2.85	25.19 1.21 2.90	25.00 1.15 2.86	25.89 1.16 2.81	27.17 1.20 2.67	30.49 1.02 2.25	36.81 1.59 1.71	42.26 2.00 1.32	39.78 1.86 1.57	31.13 1.48 2.61	30.83 1.38 2.56	29.51 1.39 2.71	29.43 1.39 2.79	30.39 1.46 2.70	35.71 1.83 2.03	39.67 2.07 1.54	33.98 2.73 12.78	39.60 3.00 14.30	46.02 2.99 4.36	44.93 2.72 0.98	39.52 2.34 4.65	38.15 1.97 1.76	35.51 1.72 2.05	32.96 1.38 2.15
RCPI_TRUST___DRP 24196	29.13 1.36 0.00	28.12 1.24 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.78 1.05 0.00	38.56 1.62 0.00	43.62 2.04 0.00	41.39 1.90 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.16 1.33 0.00	32.16 1.33 0.00	33.05 1.42 0.00	37.70 1.80 0.00	41.21 2.07 0.00	46.76 2.73 0.00	53.90 3.00 0.00	50.43 3.03 0.00	45.95 2.76 0.00	44.29 2.47 0.00	39.95 2.01 0.00	37.56 1.72 0.00	35.11 1.38 0.00
RED___ROCHESTER 323720	26.68 -1.08 0.00	26.02 -0.86 0.00	25.88 -0.83 0.00	26.67 -0.88 0.00	27.66 -0.97 0.00	31.03 -0.70 0.00	35.75 -1.18 0.00	39.96 -1.62 0.00	38.03 -1.46 0.00	31.26 -1.00 0.00	31.15 -0.86 0.00	29.94 -0.90 0.00	29.91 -0.92 0.00	30.52 -1.11 0.00	34.40 -1.51 0.00	37.22 -1.92 0.00	41.39 -2.64 0.00	48.31 -2.59 0.00	44.74 -2.65 0.00	40.81 -2.38 0.00	40.28 -1.55 0.00	36.38 -1.56 0.00	34.51 -1.33 0.00	32.71 -1.01 0.00
REGAN___SOLAR 323812	29.40 1.64 0.00	28.36 1.48 0.00	28.20 1.49 0.00	29.15 1.60 0.00	30.32 1.69 0.00	33.63 1.90 0.00	39.40 2.47 0.00	44.41 2.83 0.00	41.98 2.49 0.00	33.87 1.61 0.00	33.42 1.41 0.00	32.07 1.23 0.00	32.13 1.29 0.00	32.96 1.33 0.00	37.49 1.58 0.00	41.36 2.23 0.00	47.06 3.04 0.00	54.51 3.61 0.00	50.85 3.46 0.00	46.25 3.07 0.00	44.71 2.88 0.00	40.52 2.58 0.00	38.13 2.30 0.00	35.78 2.06 0.00
RENSSELAER___COGEN 23796	28.68 0.91 0.00	27.71 0.83 0.00	27.51 0.80 0.00	28.38 0.83 0.00	29.52 0.89 0.00	32.55 0.82 0.00	38.04 1.11 0.00	42.79 1.21 0.00	40.60 1.10 0.00	33.16 0.90 0.00	32.78 0.77 0.00	31.57 0.74 0.00	31.51 0.68 0.00	32.36 0.73 0.00	36.63 0.72 0.00	39.92 0.78 0.00	45.13 1.10 0.00	52.12 1.22 0.00	48.58 1.19 0.00	44.31 1.12 0.00	42.70 0.88 0.00	38.77 0.83 0.00	36.69 0.86 0.00	34.60 0.88 0.00
REPUBLIC_115KV_BARTNBRK 55605	29.52 1.75 0.00	28.41 1.53 0.00	28.29 1.58 0.00	29.26 1.71 0.00	30.47 1.83 0.00	33.89 2.16 0.00	39.88 2.95 0.00	44.99 3.41 0.00	42.58 3.08 0.00	34.45 2.19 0.00	34.07 2.05 0.00	32.68 1.85 0.00	32.74 1.91 0.00	33.62 1.99 0.00	38.21 2.30 0.00	42.11 2.97 0.00	47.99 3.96 0.00	55.53 4.63 0.00	51.66 4.27 0.00	46.99 3.80 0.00	45.38 3.56 0.00	40.93 3.00 0.00	38.49 2.65 0.00	36.05 2.33 0.00
REVERE_CPPR_DRP 24186	28.27 0.50 0.00	27.39 0.51 0.00	27.27 0.56 0.00	28.16 0.61 0.00	29.23 0.60 0.00	32.56 0.82 0.00	37.96 1.03 0.00	42.83 1.25 0.00	40.68 1.18 0.00	33.16 0.90 0.00	32.91 0.90 0.00	31.66 0.83 0.00	31.60 0.77 0.00	32.39 0.76 0.00	36.84 0.93 0.00	40.11 0.98 0.00	45.09 1.06 0.00	52.17 1.27 0.00	48.48 1.09 0.00	44.05 0.86 0.00	42.70 0.88 0.00	38.66 0.72 0.00	36.55 0.72 0.00	34.47 0.74 0.00
REYNOLDS_115KV_TB3 80639	28.79 1.03 0.00	27.82 0.94 0.00	27.62 0.91 0.00	28.49 0.94 0.00	29.61 0.97 0.00	32.65 0.92 0.00	38.11 1.18 0.00	42.87 1.29 0.00	40.68 1.18 0.00	33.26 1.00 0.00	32.94 0.93 0.00	31.69 0.86 0.00	31.63 0.80 0.00	32.48 0.85 0.00	36.77 0.86 0.00	40.15 1.02 0.00	45.35 1.32 0.00	52.43 1.53 0.00	48.82 1.42 0.00	44.53 1.34 0.00	43.00 1.17 0.00	39.00 1.06 0.00	36.87 1.04 0.00	34.67 0.94 0.00
RIVERBAY____ 323610	29.65 1.89 0.00	28.60 1.72 0.00	28.34 1.63 0.00	29.20 1.65 0.00	30.35 1.72 0.00	33.32 1.59 0.00	39.26 2.33 0.00	44.45 2.87 0.00	42.14 2.65 0.00	34.29 2.03 0.00	33.87 1.86 0.00	32.68 1.85 0.00	32.65 1.82 0.00	33.56 1.93 0.00	38.28 2.37 0.00	41.79 2.66 0.00	47.42 3.39 0.00	54.67 3.77 0.00	51.14 3.74 0.00	46.60 3.41 0.00	44.92 3.10 0.00	40.52 2.58 0.00	38.13 2.29 0.00	35.65 1.92 0.00
RIVERSDE_115KV_TB3 55908	28.77 1.00 0.00	27.79 0.91 0.00	27.59 0.88 0.00	28.43 0.88 0.00	29.58 0.94 0.00	32.62 0.89 0.00	38.11 1.18 0.00	42.87 1.29 0.00	40.68 1.18 0.00	33.22 0.97 0.00	32.88 0.86 0.00	31.66 0.83 0.00	31.60 0.77 0.00	32.45 0.82 0.00	36.74 0.83 0.00	40.07 0.94 0.00	45.26 1.23 0.00	52.32 1.43 0.00	48.77 1.37 0.00	44.44 1.25 0.00	42.95 1.13 0.00	38.92 0.99 0.00	36.80 0.97 0.00	34.67 0.94 0.00
ROARING___BROOK_WT_PWR 323790	27.16 -0.61 0.00	26.31 -0.57 0.00	26.20 -0.51 0.00	27.05 -0.50 0.00	28.17 -0.46 0.00	31.32 -0.41 0.00	36.56 -0.37 0.00	41.29 -0.29 0.00	39.30 -0.20 0.00	32.16 -0.10 0.00	31.98 -0.03 0.00	30.83 0.00 0.00	30.86 0.03 0.00	31.69 0.06 0.00	35.98 0.07 0.00	39.13 0.00 0.00	43.85 -0.18 0.00	50.49 -0.41 0.00	46.92 -0.47 0.00	42.71 -0.47 0.00	41.33 -0.50 0.00	37.48 -0.45 0.00	35.41 -0.43 0.00	33.42 -0.30 0.00

ROCHESRG_115KV_T4 355643	26.46 -1.31 0.00	25.70 -1.18 0.00	25.61 -1.10 0.00	26.42 -1.13 0.00	27.43 -1.20 0.00	30.68 -1.05 0.00	35.34 -1.59 0.00	39.50 -2.08 0.00	37.60 -1.90 0.00	30.93 -1.32 0.00	30.80 -1.22 0.00	29.63 -1.20 0.00	29.57 -1.26 0.00	30.21 -1.42 0.00	34.01 -1.90 0.00	36.79 -2.35 0.00	40.90 -3.13 0.00	47.64 -3.26 0.00	44.17 -3.22 0.00	40.29 -2.89 0.00	39.36 -2.47 0.00	35.96 -1.97 0.00	34.15 -1.68 0.00	32.38 -1.35 0.00
ROCHESTER_9_IC 23652	26.60 -1.17 0.00	25.80 -1.08 0.00	25.72 -0.99 0.00	26.56 -0.99 0.00	27.57 -1.06 0.00	30.84 -0.89 0.00	35.53 -1.40 0.00	39.71 -1.87 0.00	37.84 -1.66 0.00	31.10 -1.16 0.00	30.96 -1.06 0.00	29.78 -1.05 0.00	29.75 -1.08 0.00	30.36 -1.27 0.00	34.22 -1.69 0.00	36.98 -2.15 0.00	41.17 -2.86 0.00	47.95 -2.95 0.00	44.46 -2.94 0.00	40.55 -2.63 0.00	39.65 -2.17 0.00	36.15 -1.78 0.00	34.33 -1.51 0.00	32.54 -1.18 0.00
ROCKVIEW_13_KV_LD 356306	29.21 1.44 0.00	28.20 1.32 0.00	27.94 1.23 0.00	28.76 1.21 0.00	29.89 1.26 0.00	32.84 1.11 0.00	38.67 1.74 0.00	43.70 2.12 0.00	41.43 1.94 0.00	33.74 1.48 0.00	33.39 1.38 0.00	32.16 1.33 0.00	32.19 1.36 0.00	33.08 1.45 0.00	37.78 1.87 0.00	41.29 2.15 0.00	46.80 2.77 0.00	54.05 3.16 0.00	50.52 3.13 0.00	46.08 2.89 0.00	44.42 2.59 0.00	40.06 2.12 0.00	37.70 1.86 0.00	35.21 1.48 0.00
ROME____115KV_TB2 80656	28.27 0.50 0.00	27.39 0.51 0.00	27.27 0.56 0.00	28.16 0.61 0.00	29.23 0.60 0.00	32.56 0.82 0.00	37.96 1.03 0.00	42.83 1.25 0.00	40.68 1.18 0.00	33.16 0.90 0.00	32.91 0.90 0.00	31.66 0.83 0.00	31.60 0.77 0.00	32.39 0.76 0.00	36.84 0.93 0.00	40.11 0.98 0.00	45.09 1.06 0.00	52.17 1.27 0.00	48.48 1.09 0.00	44.05 0.86 0.00	42.70 0.88 0.00	38.66 0.72 0.00	36.55 0.72 0.00	34.47 0.74 0.00
ROSETON___1 23587	28.65 0.89 0.00	27.66 0.78 0.00	27.43 0.72 0.00	28.27 0.72 0.00	29.41 0.77 0.00	32.36 0.63 0.00	37.96 1.03 0.00	42.87 1.29 0.00	40.64 1.15 0.00	33.13 0.87 0.00	32.78 0.77 0.00	31.57 0.74 0.00	31.57 0.74 0.00	32.45 0.82 0.00	37.02 1.11 0.00	40.42 1.29 0.00	46.19 2.16 0.00	53.29 2.39 0.00	49.81 2.42 0.00	45.39 2.20 0.00	43.71 1.88 0.00	39.53 1.59 0.00	37.27 1.43 0.00	34.84 1.11 0.00
ROSETON___2 23588	28.65 0.89 0.00	27.66 0.78 0.00	27.43 0.72 0.00	28.27 0.72 0.00	29.41 0.77 0.00	32.36 0.63 0.00	37.96 1.03 0.00	42.87 1.29 0.00	40.64 1.15 0.00	33.13 0.87 0.00	32.78 0.77 0.00	31.57 0.74 0.00	31.57 0.74 0.00	32.45 0.82 0.00	37.02 1.11 0.00	40.42 1.29 0.00	46.19 2.16 0.00	53.29 2.39 0.00	49.81 2.42 0.00	45.39 2.20 0.00	43.71 1.88 0.00	39.53 1.59 0.00	37.27 1.43 0.00	34.84 1.11 0.00
ROTRDAM_115KV_TB3 80664	28.52 0.75 0.00	27.58 0.70 0.00	27.38 0.67 0.00	28.24 0.69 0.00	29.35 0.72 0.00	32.46 0.73 0.00	37.89 0.96 0.00	42.66 1.08 0.00	40.48 0.99 0.00	32.97 0.71 0.00	32.69 0.67 0.00	31.45 0.62 0.00	31.45 0.62 0.00	32.29 0.66 0.00	36.66 0.75 0.00	40.07 0.94 0.00	45.31 1.28 0.00	52.38 1.48 0.00	48.77 1.37 0.00	44.48 1.30 0.00	43.00 1.17 0.00	38.92 0.99 0.00	36.73 0.90 0.00	34.50 0.78 0.00
RUSSELL___1 23602	26.68 -1.08 0.00	25.91 -0.97 0.00	25.83 -0.88 0.00	26.67 -0.88 0.00	27.66 -0.97 0.00	30.97 -0.76 0.00	35.71 -1.22 0.00	39.96 -1.62 0.00	38.03 -1.46 0.00	31.26 -1.00 0.00	31.12 -0.90 0.00	29.94 -0.89 0.00	29.91 -0.92 0.00	30.52 -1.11 0.00	34.40 -1.51 0.00	37.22 -1.92 0.00	41.39 -2.64 0.00	48.25 -2.65 0.00	44.74 -2.65 0.00	40.81 -2.38 0.00	39.86 -1.97 0.00	36.38 -1.56 0.00	34.51 -1.33 0.00	32.68 -1.05 0.00
RUSSELL___2 23532	26.68 -1.08 0.00	25.91 -0.97 0.00	25.83 -0.88 0.00	26.67 -0.88 0.00	27.66 -0.97 0.00	30.97 -0.76 0.00	35.71 -1.22 0.00	39.96 -1.62 0.00	38.03 -1.46 0.00	31.26 -1.00 0.00	31.12 -0.90 0.00	29.94 -0.89 0.00	29.91 -0.92 0.00	30.52 -1.11 0.00	34.40 -1.51 0.00	37.22 -1.92 0.00	41.39 -2.64 0.00	48.25 -2.65 0.00	44.74 -2.65 0.00	40.81 -2.38 0.00	39.86 -1.97 0.00	36.38 -1.56 0.00	34.51 -1.33 0.00	32.68 -1.05 0.00
RUSSELL___3 23549	26.68 -1.08 0.00	25.91 -0.97 0.00	25.83 -0.88 0.00	26.67 -0.88 0.00	27.66 -0.97 0.00	30.97 -0.76 0.00	35.71 -1.22 0.00	39.96 -1.62 0.00	38.03 -1.46 0.00	31.26 -1.00 0.00	31.12 -0.90 0.00	29.94 -0.89 0.00	29.91 -0.92 0.00	30.52 -1.11 0.00	34.40 -1.51 0.00	37.22 -1.92 0.00	41.39 -2.64 0.00	48.25 -2.65 0.00	44.74 -2.65 0.00	40.81 -2.38 0.00	39.86 -1.97 0.00	36.38 -1.56 0.00	34.51 -1.33 0.00	32.68 -1.05 0.00
RUSSELL___4 23556	26.68 -1.08 0.00	25.91 -0.97 0.00	25.83 -0.88 0.00	26.67 -0.88 0.00	27.66 -0.97 0.00	30.97 -0.76 0.00	35.71 -1.22 0.00	39.96 -1.62 0.00	38.03 -1.46 0.00	31.26 -1.00 0.00	31.12 -0.90 0.00	29.94 -0.89 0.00	29.91 -0.92 0.00	30.52 -1.11 0.00	34.40 -1.51 0.00	37.22 -1.92 0.00	41.39 -2.64 0.00	48.25 -2.65 0.00	44.74 -2.65 0.00	40.81 -2.38 0.00	39.86 -1.97 0.00	36.38 -1.56 0.00	34.51 -1.33 0.00	32.68 -1.05 0.00
RUSSELL___STATION 23914	26.68 -1.08 0.00	25.91 -0.97 0.00	25.83 -0.88 0.00	26.67 -0.88 0.00	27.66 -0.97 0.00	30.97 -0.76 0.00	35.71 -1.22 0.00	39.96 -1.62 0.00	38.03 -1.46 0.00	31.26 -1.00 0.00	31.12 -0.90 0.00	29.94 -0.89 0.00	29.91 -0.92 0.00	30.52 -1.11 0.00	34.40 -1.51 0.00	37.22 -1.92 0.00	41.39 -2.64 0.00	48.25 -2.65 0.00	44.74 -2.65 0.00	40.81 -2.38 0.00	39.86 -1.97 0.00	36.38 -1.56 0.00	34.51 -1.33 0.00	32.68 -1.05 0.00
S SALMON___HYD 24043	27.02 -0.75 0.00	26.18 -0.70 0.00	26.04 -0.67 0.00	26.89 -0.66 0.00	27.92 -0.71 0.00	31.03 -0.70 0.00	35.97 -0.96 0.00	40.50 -1.08 0.00	38.51 -0.99 0.00	31.45 -0.81 0.00	31.25 -0.77 0.00	30.06 -0.77 0.00	30.06 -0.77 0.00	30.78 -0.85 0.00	34.98 -0.93 0.00	38.04 -1.10 0.00	42.62 -1.41 0.00	49.37 -1.53 0.00	45.92 -1.47 0.00	41.76 -1.42 0.00	40.53 -1.30 0.00	36.80 -1.14 0.00	34.79 -1.04 0.00	32.75 -0.98 0.00
S.PERRY__115KV_TB1 80734	27.27 -0.50 0.00	26.50 -0.38 0.00	26.47 -0.24 0.00	27.38 -0.17 0.00	28.52 -0.11 0.00	32.05 0.32 0.00	37.11 0.18 0.00	41.58 0.00 0.00	39.57 0.08 0.00	32.39 0.13 0.00	32.18 0.16 0.00	30.89 0.06 0.00	30.80 -0.03 0.00	31.34 -0.28 0.00	35.44 -0.47 0.00	38.35 -0.78 0.00	42.66 -1.36 0.00	49.78 -1.12 0.00	46.11 -1.28 0.00	42.02 -1.17 0.00	41.11 -0.71 0.00	37.56 -0.38 0.00	35.66 -0.18 0.00	33.83 0.10 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.93 -1.83 0.00	25.21 -1.67 0.00	25.27 -1.44 0.00	26.06 -1.49 0.00	27.14 -1.49 0.00	30.49 -1.24 0.00	34.83 -2.11 0.00	38.63 -2.95 0.00	36.97 -2.53 0.00	30.61 -1.65 0.00	30.51 -1.50 0.00	29.23 -1.60 0.00	29.17 -1.66 0.00	29.76 -1.87 0.00	33.22 -2.69 0.00	35.73 -3.40 0.00	39.32 -4.71 0.00	45.96 -4.94 0.00	42.46 -4.93 0.00	38.82 -4.36 0.00	38.23 -3.60 0.00	35.17 -2.77 0.00	33.65 -2.19 0.00	32.14 -1.59 0.00

SAWYER___23_KV_LOAD 55526	25.93 -1.83 0.00	25.21 -1.67 0.00	25.27 -1.44 0.00	26.06 -1.49 0.00	27.14 -1.49 0.00	30.49 -1.24 0.00	34.83 -2.11 0.00	38.63 -2.95 0.00	36.97 -2.53 0.00	30.61 -1.65 0.00	30.51 -1.50 0.00	29.23 -1.60 0.00	29.17 -1.66 0.00	29.76 -1.87 0.00	33.22 -2.69 0.00	35.73 -3.40 0.00	39.32 -4.71 0.00	45.96 -4.94 0.00	42.46 -4.93 0.00	38.82 -4.36 0.00	38.23 -3.60 0.00	35.17 -2.77 0.00	33.65 -2.19 0.00	32.14 -1.59 0.00
SELKIRK___I 23801	28.74 0.97 0.00	27.77 0.89 0.00	27.59 0.88 0.00	28.46 0.91 0.00	29.61 0.97 0.00	32.68 0.95 0.00	38.15 1.22 0.00	42.91 1.33 0.00	40.64 1.15 0.00	33.13 0.87 0.00	32.78 0.77 0.00	31.54 0.71 0.00	31.54 0.71 0.00	32.39 0.76 0.00	36.70 0.79 0.00	40.11 0.98 0.00	45.31 1.28 0.00	52.38 1.48 0.00	48.81 1.42 0.00	44.48 1.29 0.00	42.95 1.13 0.00	39.00 1.06 0.00	36.84 1.00 0.00	34.67 0.94 0.00
SELKIRK___II 23799	28.63 0.86 0.00	27.66 0.78 0.00	27.46 0.75 0.00	28.32 0.77 0.00	29.46 0.83 0.00	32.49 0.76 0.00	37.96 1.03 0.00	42.70 1.12 0.00	40.52 1.03 0.00	33.09 0.84 0.00	32.75 0.74 0.00	31.54 0.71 0.00	31.48 0.65 0.00	32.32 0.69 0.00	36.63 0.72 0.00	39.99 0.86 0.00	45.17 1.14 0.00	52.17 1.27 0.00	48.62 1.23 0.00	44.35 1.17 0.00	42.79 0.96 0.00	38.81 0.87 0.00	36.69 0.86 0.00	34.53 0.81 0.00
SENECA OSWGO___HYD 24041	27.04 -0.72 0.00	26.21 -0.67 0.00	26.04 -0.67 0.00	26.89 -0.66 0.00	27.92 -0.71 0.00	31.00 -0.73 0.00	35.90 -1.03 0.00	40.33 -1.25 0.00	38.31 -1.18 0.00	31.32 -0.94 0.00	31.09 -0.93 0.00	29.94 -0.90 0.00	29.94 -0.90 0.00	30.65 -0.98 0.00	34.73 -1.18 0.00	37.84 -1.29 0.00	42.53 -1.50 0.00	49.27 -1.63 0.00	45.83 -1.56 0.00	41.76 -1.42 0.00	40.57 -1.25 0.00	36.76 -1.18 0.00	34.72 -1.11 0.00	32.68 -1.05 0.00
SENECA___115KV_TB3 355854	26.24 -1.53 0.00	25.54 -1.34 0.00	25.59 -1.12 0.00	26.42 -1.13 0.00	27.57 -1.06 0.00	30.97 -0.76 0.00	35.45 -1.48 0.00	39.33 -2.25 0.00	37.68 -1.82 0.00	31.13 -1.13 0.00	31.02 -0.99 0.00	29.72 -1.11 0.00	29.60 -1.23 0.00	30.24 -1.39 0.00	33.79 -2.12 0.00	36.35 -2.78 0.00	40.07 -3.96 0.00	46.78 -4.12 0.00	43.27 -4.12 0.00	39.52 -3.67 0.00	38.90 -2.93 0.00	35.77 -2.16 0.00	34.19 -1.65 0.00	32.68 -1.05 0.00
SENECA___ENERGY 23797	27.04 -0.72 0.00	26.23 -0.65 0.00	26.12 -0.59 0.00	26.94 -0.61 0.00	28.03 -0.60 0.00	31.29 -0.44 0.00	36.23 -0.70 0.00	40.58 -1.00 0.00	38.63 -0.87 0.00	31.55 -0.71 0.00	31.34 -0.67 0.00	30.12 -0.71 0.00	30.09 -0.74 0.00	30.71 -0.92 0.00	34.80 -1.11 0.00	37.84 -1.29 0.00	42.49 -1.54 0.00	49.27 -1.63 0.00	45.73 -1.66 0.00	41.76 -1.42 0.00	40.70 -1.13 0.00	36.87 -1.06 0.00	34.90 -0.93 0.00	32.95 -0.77 0.00
SHOEMAKER___GT 23640	28.65 0.89 0.00	27.66 0.78 0.00	27.43 0.72 0.00	28.29 0.74 0.00	29.41 0.77 0.00	32.43 0.70 0.00	38.00 1.07 0.00	42.87 1.29 0.00	40.64 1.15 0.00	33.09 0.84 0.00	32.78 0.77 0.00	31.54 0.71 0.00	31.54 0.71 0.00	32.42 0.79 0.00	36.95 1.04 0.00	40.39 1.25 0.00	45.92 1.89 0.00	52.99 2.09 0.00	49.48 2.08 0.00	45.08 1.90 0.00	43.41 1.59 0.00	39.26 1.33 0.00	37.05 1.22 0.00	34.70 0.98 0.00
SHOEMAKR_138KV_BK 111 55601	28.63 0.86 0.00	27.69 0.81 0.00	27.43 0.72 0.00	28.27 0.72 0.00	29.41 0.77 0.00	32.40 0.67 0.00	37.96 1.03 0.00	42.83 1.25 0.00	40.64 1.15 0.00	33.10 0.84 0.00	32.75 0.74 0.00	31.54 0.71 0.00	31.54 0.71 0.00	32.42 0.79 0.00	36.95 1.04 0.00	40.35 1.21 0.00	45.88 1.85 0.00	52.99 2.09 0.00	49.43 2.04 0.00	45.09 1.90 0.00	43.50 1.67 0.00	39.26 1.33 0.00	37.02 1.18 0.00	34.70 0.98 0.00
SHOREHAM_IC_1 23715	29.99 2.22 0.00	28.63 1.75 0.00	28.23 1.52 0.00	29.09 1.54 0.00	30.32 1.69 0.00	33.57 1.84 0.00	39.70 2.77 0.00	45.16 3.58 0.00	42.42 2.92 0.00	34.13 1.87 0.00	33.77 1.76 0.00	32.59 1.76 0.00	32.65 1.82 0.00	33.65 2.03 0.00	39.18 3.27 0.00	43.08 3.95 0.00	49.82 4.97 -0.82	56.86 5.95 -0.01	53.17 5.68 -0.09	50.10 4.79 -2.12	46.22 4.39 -0.01	41.67 3.72 -0.01	38.88 3.04 0.00	36.08 2.36 0.00
SHOREHAM_IC_2 23716	29.99 2.22 0.00	28.63 1.75 0.00	28.23 1.52 0.00	29.09 1.54 0.00	30.32 1.69 0.00	33.57 1.84 0.00	39.70 2.77 0.00	45.16 3.58 0.00	42.42 2.92 0.00	34.13 1.87 0.00	33.77 1.76 0.00	32.59 1.76 0.00	32.65 1.82 0.00	33.65 2.03 0.00	39.18 3.27 0.00	43.08 3.95 0.00	49.82 4.97 -0.82	56.86 5.95 -0.01	53.17 5.68 -0.09	50.10 4.79 -2.12	46.22 4.39 -0.01	41.67 3.72 -0.01	38.88 3.04 0.00	36.08 2.36 0.00
SISSONVILLE___ 23735	27.29 -0.47 0.00	26.53 -0.35 0.00	26.36 -0.35 0.00	27.19 -0.36 0.00	28.23 -0.40 0.00	31.48 -0.25 0.00	36.56 -0.37 0.00	41.37 -0.21 0.00	39.34 -0.16 0.00	32.13 -0.13 0.00	31.95 -0.06 0.00	30.77 -0.06 0.00	30.86 0.03 0.00	31.69 0.06 0.00	36.12 0.22 0.00	39.29 0.16 0.00	43.72 -0.31 0.00	50.39 -0.51 0.00	46.87 -0.52 0.00	42.67 -0.52 0.00	41.70 -0.13 0.00	37.82 -0.11 0.00	35.87 0.04 0.00	33.99 0.27 0.00
SITHE_IND_GS1 24169	26.82 -0.94 0.00	25.99 -0.89 0.00	25.83 -0.88 0.00	26.64 -0.91 0.00	27.66 -0.97 0.00	30.71 -1.02 0.00	35.53 -1.40 0.00	39.87 -1.71 0.00	37.87 -1.62 0.00	30.97 -1.29 0.00	30.73 -1.28 0.00	29.63 -1.20 0.00	29.60 -1.23 0.00	30.33 -1.30 0.00	34.37 -1.54 0.00	37.41 -1.72 0.00	42.05 -1.98 0.00	48.66 -2.24 0.00	45.26 -2.13 0.00	41.29 -1.90 0.00	40.07 -1.76 0.00	36.34 -1.59 0.00	34.36 -1.47 0.00	32.34 -1.38 0.00
SITHE_IND_GS2 24170	26.82 -0.94 0.00	25.99 -0.89 0.00	25.83 -0.88 0.00	26.64 -0.91 0.00	27.66 -0.97 0.00	30.71 -1.02 0.00	35.53 -1.40 0.00	39.87 -1.71 0.00	37.87 -1.62 0.00	30.97 -1.29 0.00	30.73 -1.28 0.00	29.63 -1.20 0.00	29.60 -1.23 0.00	30.33 -1.30 0.00	34.37 -1.54 0.00	37.41 -1.72 0.00	42.05 -1.98 0.00	48.66 -2.24 0.00	45.26 -2.13 0.00	41.29 -1.90 0.00	40.07 -1.76 0.00	36.34 -1.59 0.00	34.36 -1.47 0.00	32.34 -1.38 0.00
SITHE_IND_GS3 24171	26.82 -0.94 0.00	25.99 -0.89 0.00	25.83 -0.88 0.00	26.64 -0.91 0.00	27.66 -0.97 0.00	30.71 -1.02 0.00	35.53 -1.40 0.00	39.87 -1.71 0.00	37.87 -1.62 0.00	30.97 -1.29 0.00	30.73 -1.28 0.00	29.63 -1.20 0.00	29.60 -1.23 0.00	30.33 -1.30 0.00	34.37 -1.54 0.00	37.41 -1.72 0.00	42.05 -1.98 0.00	48.66 -2.24 0.00	45.26 -2.13 0.00	41.29 -1.90 0.00	40.07 -1.76 0.00	36.34 -1.59 0.00	34.36 -1.47 0.00	32.34 -1.38 0.00
SITHE_IND_GS4 24172	26.82 -0.94 0.00	25.99 -0.89 0.00	25.83 -0.88 0.00	26.64 -0.91 0.00	27.66 -0.97 0.00	30.71 -1.02 0.00	35.53 -1.40 0.00	39.87 -1.71 0.00	37.87 -1.62 0.00	30.97 -1.29 0.00	30.73 -1.28 0.00	29.63 -1.20 0.00	29.60 -1.23 0.00	30.33 -1.30 0.00	34.37 -1.54 0.00	37.41 -1.72 0.00	42.05 -1.98 0.00	48.66 -2.24 0.00	45.26 -2.13 0.00	41.29 -1.90 0.00	40.07 -1.76 0.00	36.34 -1.59 0.00	34.36 -1.47 0.00	32.34 -1.38 0.00

SITHE___BATAVIA 24024	26.46 -1.30 0.00	25.91 -0.97 0.00	25.80 -0.91 0.00	26.56 -0.99 0.00	27.60 -1.03 0.00	31.16 -0.57 0.00	35.71 -1.22 0.00	39.71 -1.87 0.00	37.91 -1.58 0.00	31.26 -1.00 0.00	31.18 -0.83 0.00	29.91 -0.92 0.00	29.78 -1.05 0.00	30.39 -1.23 0.00	34.04 -1.87 0.00	36.79 -2.35 0.00	40.64 -3.39 0.00	47.59 -3.31 0.00	43.94 -3.46 0.00	40.12 -3.07 0.00	39.99 -1.84 0.00	36.12 -1.82 0.00	34.40 -1.43 0.00	32.78 -0.94 0.00
SITHE___INDEPEND 23800	26.82 -0.94 0.00	25.97 -0.91 0.00	25.83 -0.88 0.00	26.64 -0.91 0.00	27.66 -0.97 0.00	30.68 -1.05 0.00	35.53 -1.40 0.00	39.87 -1.70 0.00	37.88 -1.62 0.00	30.97 -1.29 0.00	30.74 -1.28 0.00	29.63 -1.20 0.00	29.60 -1.23 0.00	30.33 -1.30 0.00	34.37 -1.54 0.00	37.41 -1.72 0.00	42.05 -1.98 0.00	48.66 -2.24 0.00	45.26 -2.13 0.00	41.29 -1.90 0.00	40.03 -1.80 0.00	36.34 -1.59 0.00	34.37 -1.47 0.00	32.34 -1.38 0.00
SITHE___MASSENA 23902	27.85 0.08 0.00	27.01 0.14 0.00	26.87 0.16 0.00	27.72 0.17 0.00	28.78 0.14 0.00	32.08 0.35 0.00	37.34 0.41 0.00	42.16 0.58 0.00	40.09 0.59 0.00	32.74 0.48 0.00	32.53 0.51 0.00	31.32 0.49 0.00	31.42 0.58 0.00	32.26 0.63 0.00	36.74 0.83 0.00	39.96 0.82 0.00	44.51 0.49 0.00	51.36 0.46 0.00	47.82 0.43 0.00	43.57 0.39 0.00	42.49 0.67 0.00	38.58 0.64 0.00	36.48 0.65 0.00	34.50 0.78 0.00
SITHE___OGDNSBRG 24021	28.02 0.25 0.00	27.23 0.35 0.00	27.11 0.40 0.00	27.94 0.39 0.00	29.01 0.37 0.00	32.40 0.67 0.00	37.74 0.81 0.00	42.70 1.12 0.00	40.56 1.07 0.00	33.10 0.84 0.00	32.88 0.86 0.00	31.63 0.80 0.00	31.76 0.92 0.00	32.58 0.95 0.00	37.17 1.26 0.00	40.42 1.29 0.00	45.00 0.97 0.00	51.92 1.02 0.00	48.29 0.90 0.00	43.96 0.78 0.00	42.95 1.13 0.00	38.96 1.02 0.00	36.87 1.04 0.00	34.87 1.15 0.00
SITHE___STERLING 23777	28.21 0.44 0.00	27.34 0.46 0.00	27.22 0.51 0.00	28.07 0.52 0.00	29.15 0.52 0.00	32.46 0.73 0.00	37.82 0.88 0.00	42.58 1.00 0.00	40.44 0.95 0.00	32.97 0.71 0.00	32.72 0.70 0.00	31.48 0.65 0.00	31.45 0.62 0.00	32.23 0.60 0.00	36.63 0.72 0.00	39.87 0.74 0.00	44.82 0.79 0.00	51.82 0.92 0.00	48.20 0.80 0.00	43.84 0.65 0.00	42.49 0.67 0.00	38.47 0.53 0.00	36.34 0.50 0.00	34.33 0.61 0.00
SLEIGHT__34_KV_TB1 80719	26.74 -1.03 0.00	25.91 -0.97 0.00	25.83 -0.88 0.00	26.67 -0.88 0.00	27.69 -0.94 0.00	30.94 -0.79 0.00	35.79 -1.14 0.00	40.12 -1.46 0.00	38.19 -1.30 0.00	31.29 -0.97 0.00	31.12 -0.90 0.00	29.94 -0.89 0.00	29.88 -0.96 0.00	30.52 -1.11 0.00	34.54 -1.36 0.00	37.45 -1.68 0.00	41.87 -2.16 0.00	48.66 -2.24 0.00	45.21 -2.18 0.00	41.20 -1.99 0.00	40.15 -1.67 0.00	36.53 -1.40 0.00	34.62 -1.22 0.00	32.65 -1.08 0.00
SOUTH CAIRO___GT 23612	29.74 1.97 0.00	28.79 1.91 0.00	28.47 1.76 0.00	29.42 1.87 0.00	30.61 1.98 0.00	33.82 2.09 0.00	39.63 2.70 0.00	44.53 2.95 0.00	42.26 2.76 0.00	34.26 2.00 0.00	33.74 1.73 0.00	32.40 1.57 0.00	32.37 1.54 0.00	33.27 1.64 0.00	37.81 1.90 0.00	41.44 2.31 0.00	47.02 2.99 0.00	54.31 3.41 0.00	50.62 3.22 0.00	46.12 2.94 0.00	44.46 2.63 0.00	40.06 2.12 0.00	37.95 2.11 0.00	35.82 2.09 0.00
SOUTH HAMPTN___IC 23720	30.04 2.28 0.00	28.68 1.80 0.00	28.29 1.58 0.00	29.15 1.60 0.00	30.41 1.78 0.00	33.73 2.00 0.00	39.96 3.03 0.00	45.49 3.91 0.00	42.73 3.24 0.00	34.38 2.13 0.00	34.00 1.99 0.00	32.81 1.97 0.00	32.86 2.03 0.00	33.91 2.28 0.00	39.46 3.56 0.00	43.40 4.27 0.00	50.17 5.33 -0.81	57.32 6.41 -0.01	53.55 6.07 -0.09	50.36 5.05 -2.12	46.39 4.56 -0.01	41.78 3.83 -0.01	38.95 3.12 0.00	36.18 2.46 0.00
SOUTHDOW_115KV_TB1 355954	26.82 -0.94 0.00	26.18 -0.70 0.00	26.34 -0.37 0.00	27.30 -0.25 0.00	28.58 -0.06 0.00	32.24 0.51 0.00	37.08 0.15 0.00	41.29 -0.29 0.00	39.49 0.00 0.00	32.48 0.23 0.00	32.18 0.16 0.00	30.71 -0.12 0.00	30.62 -0.22 0.00	31.25 -0.38 0.00	34.94 -0.97 0.00	37.65 -1.49 0.00	41.61 -2.42 0.00	48.56 -2.34 0.00	45.02 -2.37 0.00	41.16 -2.03 0.00	40.53 -1.30 0.00	37.22 -0.72 0.00	35.55 -0.29 0.00	33.93 0.20 0.00
SOUTHOLD_69_KV_BK 2 55809	29.93 2.17 0.00	28.65 1.77 0.00	28.31 1.60 0.00	29.09 1.54 0.00	30.41 1.78 0.00	33.86 2.13 0.00	40.14 3.21 0.00	45.86 4.28 0.00	43.13 3.63 0.00	34.68 2.42 0.00	34.29 2.27 0.00	33.05 2.22 0.00	33.14 2.31 0.00	34.19 2.56 0.00	39.86 3.95 0.00	43.67 4.54 0.00	50.70 5.86 -0.81	57.88 6.97 -0.01	53.98 6.49 -0.09	50.75 5.44 -2.12	46.52 4.68 -0.01	41.78 3.83 -0.01	38.84 3.01 0.00	36.15 2.43 0.00
SOUTHOLD___IC 23719	29.93 2.17 0.00	28.60 1.72 0.00	28.20 1.49 0.00	29.09 1.54 0.00	30.41 1.78 0.00	33.86 2.13 0.00	40.14 3.21 0.00	45.86 4.28 0.00	43.13 3.63 0.00	34.68 2.42 0.00	34.29 2.27 0.00	33.05 2.22 0.00	33.14 2.31 0.00	34.19 2.56 0.00	39.86 3.95 0.00	43.83 4.69 0.00	50.70 5.86 -0.81	57.88 6.97 -0.01	53.98 6.49 -0.09	50.57 5.27 -2.12	46.48 4.64 -0.01	41.78 3.83 -0.01	38.85 3.01 0.00	36.15 2.43 0.00
SOUTH_FORK_WT_PWR 323839	29.66 1.89 0.00	28.33 1.45 0.00	27.97 1.26 0.00	28.87 1.32 0.00	30.21 1.57 0.00	33.67 1.94 0.00	39.96 3.03 0.00	45.70 4.12 0.00	43.01 3.51 0.00	34.61 2.35 0.00	34.22 2.21 0.00	32.99 2.16 0.00	33.05 2.22 0.00	34.10 2.47 0.00	39.75 3.84 0.00	43.71 4.58 0.00	50.56 5.72 -0.81	57.63 6.72 -0.01	53.64 6.16 -0.09	50.23 4.92 -2.12	46.06 4.22 -0.01	41.36 3.42 -0.01	38.42 2.58 0.00	35.82 2.09 0.00
SPIERFLS_115KV_TB 1 80737	28.49 0.72 0.00	27.50 0.62 0.00	27.30 0.59 0.00	28.21 0.66 0.00	29.35 0.72 0.00	32.49 0.76 0.00	38.04 1.11 0.00	42.87 1.29 0.00	40.64 1.15 0.00	33.03 0.77 0.00	32.72 0.70 0.00	31.45 0.62 0.00	31.45 0.62 0.00	32.32 0.70 0.00	36.70 0.79 0.00	40.27 1.13 0.00	45.70 1.67 0.00	52.83 1.93 0.00	49.19 1.80 0.00	44.78 1.60 0.00	43.25 1.42 0.00	39.11 1.18 0.00	36.84 1.00 0.00	34.53 0.81 0.00
ST LAWRENCE____ 23600	27.60 -0.17 0.00	26.77 -0.11 0.00	26.60 -0.11 0.00	27.44 -0.11 0.00	28.52 -0.11 0.00	31.70 -0.03 0.00	36.93 0.00 0.00	41.66 0.08 0.00	39.61 0.12 0.00	32.39 0.13 0.00	32.18 0.16 0.00	31.02 0.19 0.00	31.08 0.25 0.00	31.91 0.28 0.00	36.31 0.40 0.00	39.52 0.39 0.00	44.21 0.18 0.00	51.00 0.10 0.00	47.49 0.09 0.00	43.27 0.09 0.00	41.99 0.17 0.00	38.17 0.23 0.00	36.05 0.22 0.00	34.03 0.30 0.00
STATE_CA_115KV_115_LB 55624	28.77 1.00 0.00	27.79 0.91 0.00	27.59 0.88 0.00	28.46 0.91 0.00	29.58 0.94 0.00	32.65 0.92 0.00	38.19 1.26 0.00	42.95 1.37 0.00	40.76 1.26 0.00	33.26 1.00 0.00	32.91 0.90 0.00	31.66 0.83 0.00	31.63 0.80 0.00	32.48 0.85 0.00	36.77 0.86 0.00	40.11 0.98 0.00	45.31 1.28 0.00	52.38 1.48 0.00	48.82 1.42 0.00	44.48 1.30 0.00	42.95 1.13 0.00	38.92 0.99 0.00	36.80 0.97 0.00	34.70 0.98 0.00

STATE_ST_34_KV_LOAD 55959	27.46 -0.31 0.00	26.56 -0.32 0.00	26.44 -0.27 0.00	27.30 -0.25 0.00	28.38 -0.26 0.00	31.57 -0.16 0.00	36.63 -0.30 0.00	41.12 -0.46 0.00	39.10 -0.39 0.00	31.87 -0.39 0.00	31.70 -0.32 0.00	30.43 -0.40 0.00	30.37 -0.46 0.00	31.12 -0.51 0.00	35.41 -0.50 0.00	38.47 -0.67 0.00	43.24 -0.79 0.00	50.14 -0.76 0.00	46.68 -0.71 0.00	42.54 -0.65 0.00	41.24 -0.59 0.00	37.48 -0.46 0.00	35.44 -0.39 0.00	33.32 -0.40 0.00
STATION 5_MISC_HYD 23604	26.60 -1.17 0.00	25.91 -0.97 0.00	25.77 -0.94 0.00	26.56 -0.99 0.00	27.57 -1.06 0.00	30.91 -0.83 0.00	35.56 -1.37 0.00	39.71 -1.87 0.00	37.84 -1.66 0.00	31.13 -1.13 0.00	30.99 -1.03 0.00	29.78 -1.05 0.00	29.75 -1.08 0.00	30.36 -1.27 0.00	34.22 -1.69 0.00	37.02 -2.11 0.00	41.17 -2.86 0.00	48.00 -2.90 0.00	44.46 -2.94 0.00	40.55 -2.64 0.00	40.03 -1.80 0.00	36.19 -1.74 0.00	34.33 -1.50 0.00	32.54 -1.18 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.99 -0.78 0.00	26.18 -0.70 0.00	26.07 -0.64 0.00	26.94 -0.61 0.00	27.97 -0.66 0.00	31.29 -0.44 0.00	36.23 -0.70 0.00	40.58 -1.00 0.00	38.59 -0.91 0.00	31.61 -0.65 0.00	31.44 -0.58 0.00	30.21 -0.62 0.00	30.18 -0.65 0.00	30.81 -0.82 0.00	34.83 -1.08 0.00	37.76 -1.37 0.00	42.18 -1.85 0.00	49.02 -1.88 0.00	45.50 -1.90 0.00	41.50 -1.68 0.00	40.44 -1.38 0.00	36.84 -1.10 0.00	34.90 -0.93 0.00	32.98 -0.74 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.49 -1.28 0.00	25.72 -1.16 0.00	25.61 -1.10 0.00	26.45 -1.10 0.00	27.46 -1.17 0.00	30.72 -1.02 0.00	35.42 -1.51 0.00	39.63 -1.95 0.00	37.72 -1.78 0.00	31.00 -1.26 0.00	30.86 -1.15 0.00	29.69 -1.14 0.00	29.63 -1.20 0.00	30.27 -1.36 0.00	34.11 -1.80 0.00	36.90 -2.23 0.00	41.12 -2.91 0.00	47.90 -3.00 0.00	44.41 -2.99 0.00	40.51 -2.68 0.00	39.52 -2.30 0.00	36.08 -1.86 0.00	34.22 -1.61 0.00	32.41 -1.32 0.00
STA_56___34_KV_BUS2 355983	26.49 -1.28 0.00	25.72 -1.16 0.00	25.61 -1.10 0.00	26.45 -1.10 0.00	27.46 -1.17 0.00	30.72 -1.02 0.00	35.42 -1.51 0.00	39.63 -1.95 0.00	37.72 -1.78 0.00	31.00 -1.26 0.00	30.86 -1.15 0.00	29.69 -1.14 0.00	29.63 -1.20 0.00	30.27 -1.36 0.00	34.11 -1.80 0.00	36.90 -2.23 0.00	41.12 -2.91 0.00	47.90 -3.00 0.00	44.41 -2.99 0.00	40.51 -2.68 0.00	39.52 -2.30 0.00	36.08 -1.86 0.00	34.22 -1.61 0.00	32.41 -1.32 0.00
STA_67___115KV_BK2 355882	26.54 -1.22 0.00	25.75 -1.13 0.00	25.67 -1.04 0.00	26.50 -1.05 0.00	27.52 -1.12 0.00	30.78 -0.95 0.00	35.45 -1.48 0.00	39.63 -1.95 0.00	37.76 -1.74 0.00	31.03 -1.23 0.00	30.90 -1.12 0.00	29.72 -1.11 0.00	29.66 -1.17 0.00	30.30 -1.33 0.00	34.11 -1.80 0.00	36.90 -2.23 0.00	41.04 -2.99 0.00	47.85 -3.05 0.00	44.36 -3.03 0.00	40.47 -2.72 0.00	39.52 -2.30 0.00	36.08 -1.86 0.00	34.26 -1.58 0.00	32.48 -1.25 0.00
STA_7___115KV_9TRANS 80674	26.68 -1.08 0.00	25.91 -0.97 0.00	25.83 -0.88 0.00	26.67 -0.88 0.00	27.66 -0.97 0.00	30.97 -0.76 0.00	35.71 -1.22 0.00	39.96 -1.62 0.00	38.03 -1.46 0.00	31.26 -1.00 0.00	31.12 -0.90 0.00	29.94 -0.89 0.00	29.91 -0.92 0.00	30.52 -1.11 0.00	34.40 -1.51 0.00	37.22 -1.92 0.00	41.39 -2.64 0.00	48.25 -2.65 0.00	44.74 -2.65 0.00	40.81 -2.38 0.00	39.86 -1.97 0.00	36.38 -1.56 0.00	34.51 -1.33 0.00	32.68 -1.05 0.00
STA_82___115KV_TB1 80780	26.54 -1.22 0.00	25.78 -1.10 0.00	25.70 -1.01 0.00	26.50 -1.05 0.00	27.52 -1.12 0.00	30.78 -0.95 0.00	35.49 -1.44 0.00	39.63 -1.95 0.00	37.76 -1.74 0.00	31.03 -1.23 0.00	30.93 -1.09 0.00	29.72 -1.11 0.00	29.69 -1.14 0.00	30.30 -1.33 0.00	34.15 -1.76 0.00	36.90 -2.23 0.00	41.08 -2.95 0.00	47.85 -3.05 0.00	44.36 -3.03 0.00	40.47 -2.72 0.00	39.52 -2.30 0.00	36.08 -1.86 0.00	34.26 -1.58 0.00	32.48 -1.25 0.00
STEEL___WIND 323596	26.21 -1.55 0.00	25.64 -1.24 0.00	25.64 -1.07 0.00	26.39 -1.16 0.00	27.55 -1.09 0.00	31.06 -0.67 0.00	35.45 -1.48 0.00	39.29 -2.29 0.00	37.60 -1.90 0.00	31.10 -1.16 0.00	30.99 -1.03 0.00	29.66 -1.17 0.00	29.57 -1.27 0.00	30.21 -1.42 0.00	33.72 -2.19 0.00	36.36 -2.78 0.00	40.02 -4.01 0.00	46.83 -4.07 0.00	43.18 -4.22 0.00	39.47 -3.71 0.00	39.44 -2.38 0.00	35.74 -2.20 0.00	34.15 -1.68 0.00	32.68 -1.05 0.00
STEPHTWN_115KV_BK_2 55603	28.90 1.14 0.00	27.93 1.05 0.00	27.72 1.01 0.00	28.60 1.05 0.00	29.75 1.12 0.00	32.87 1.14 0.00	38.48 1.55 0.00	43.37 1.79 0.00	41.19 1.70 0.00	33.58 1.32 0.00	33.23 1.22 0.00	31.97 1.14 0.00	31.91 1.08 0.00	32.80 1.17 0.00	37.09 1.19 0.00	40.50 1.37 0.00	45.79 1.76 0.00	52.94 2.04 0.00	49.38 1.99 0.00	45.00 1.81 0.00	43.41 1.59 0.00	39.34 1.40 0.00	37.13 1.29 0.00	35.01 1.28 0.00
STEUBEN_REC_LFGE 323667	26.74 -1.03 0.00	26.10 -0.78 0.00	26.15 -0.56 0.00	27.14 -0.41 0.00	28.43 -0.20 0.00	32.08 0.35 0.00	37.11 0.18 0.00	41.45 -0.12 0.00	39.61 0.12 0.00	32.45 0.19 0.00	32.18 0.16 0.00	30.80 -0.03 0.00	30.65 -0.18 0.00	31.25 -0.38 0.00	35.19 -0.72 0.00	37.92 -1.21 0.00	41.96 -2.07 0.00	48.76 -2.14 0.00	45.07 -2.32 0.00	41.03 -2.16 0.00	39.98 -1.84 0.00	36.87 -1.06 0.00	35.30 -0.54 0.00	33.83 0.10 0.00
STILLWATER___SOLAR 323814	28.93 1.17 0.00	27.93 1.05 0.00	27.75 1.04 0.00	28.65 1.10 0.00	29.81 1.17 0.00	32.91 1.17 0.00	38.48 1.55 0.00	43.37 1.79 0.00	41.08 1.58 0.00	33.42 1.16 0.00	33.11 1.09 0.00	31.85 1.02 0.00	31.82 0.99 0.00	32.70 1.08 0.00	37.09 1.18 0.00	40.70 1.57 0.00	46.06 2.03 0.00	53.24 2.34 0.00	49.62 2.23 0.00	45.22 2.03 0.00	43.62 1.80 0.00	39.57 1.63 0.00	37.30 1.47 0.00	34.97 1.25 0.00
STONY___BROOK 24151	29.85 2.08 0.00	28.52 1.64 0.00	28.15 1.44 0.00	28.98 1.43 0.00	30.18 1.55 0.00	33.41 1.68 0.00	39.48 2.55 0.00	44.86 3.28 0.00	42.06 2.57 0.00	33.93 1.68 0.00	33.58 1.57 0.00	32.34 1.51 0.00	32.43 1.60 0.00	33.46 1.83 0.00	38.93 3.02 0.00	42.77 3.64 0.00	49.43 4.58 -0.82	56.36 5.45 -0.01	52.70 5.21 -0.09	49.77 4.45 -2.13	45.94 4.10 -0.01	41.43 3.49 -0.01	38.74 2.90 0.00	35.95 2.23 0.00
STURGEON_POOL_HYD 23609	29.52 1.75 0.00	28.55 1.67 0.00	28.21 1.50 0.00	29.09 1.54 0.00	30.27 1.63 0.00	33.29 1.55 0.00	39.18 2.25 0.00	44.20 2.62 0.00	41.94 2.45 0.00	34.06 1.81 0.00	33.65 1.63 0.00	32.37 1.54 0.00	32.37 1.54 0.00	33.31 1.68 0.00	38.06 2.15 0.00	41.68 2.54 0.00	47.46 3.43 0.00	54.72 3.82 0.00	51.14 3.74 0.00	46.60 3.41 0.00	44.84 3.01 0.00	40.29 2.35 0.00	38.02 2.19 0.00	35.58 1.85 0.00
ST_LAW_115_BK7_LBMP 345037	27.60 -0.17 0.00	26.77 -0.11 0.00	26.60 -0.11 0.00	27.44 -0.11 0.00	28.52 -0.11 0.00	31.73 0.00 0.00	36.93 0.00 0.00	41.66 0.08 0.00	39.65 0.16 0.00	32.39 0.13 0.00	32.21 0.19 0.00	31.02 0.19 0.00	31.11 0.28 0.00	31.95 0.32 0.00	36.34 0.43 0.00	39.52 0.39 0.00	44.21 0.18 0.00	51.00 0.10 0.00	47.49 0.09 0.00	43.27 0.09 0.00	42.04 0.21 0.00	38.17 0.23 0.00	36.05 0.22 0.00	34.06 0.34 0.00

ST_LAW_115_BK8_LBMP 345038	27.60 -0.17 0.00	26.77 -0.11 0.00	26.60 -0.11 0.00	27.44 -0.11 0.00	28.52 -0.11 0.00	31.73 0.00 0.00	36.93 0.00 0.00	41.66 0.08 0.00	39.65 0.16 0.00	32.39 0.13 0.00	32.21 0.19 0.00	31.02 0.19 0.00	31.11 0.28 0.00	31.95 0.32 0.00	36.34 0.43 0.00	39.52 0.39 0.00	44.21 0.18 0.00	51.00 0.10 0.00	47.49 0.09 0.00	43.27 0.09 0.00	42.04 0.21 0.00	38.17 0.23 0.00	36.05 0.22 0.00	34.06 0.34 0.00
ST_LAW_230_BK5_LBMP 345035	27.60 -0.17 0.00	26.77 -0.11 0.00	26.60 -0.11 0.00	27.44 -0.11 0.00	28.52 -0.11 0.00	31.70 -0.03 0.00	36.93 0.00 0.00	41.66 0.08 0.00	39.61 0.12 0.00	32.39 0.13 0.00	32.18 0.16 0.00	31.02 0.19 0.00	31.08 0.25 0.00	31.91 0.28 0.00	36.31 0.40 0.00	39.52 0.39 0.00	44.21 0.18 0.00	51.00 0.10 0.00	47.49 0.09 0.00	43.27 0.09 0.00	41.99 0.17 0.00	38.17 0.23 0.00	36.05 0.22 0.00	34.03 0.30 0.00
ST_LAW_230_BK6_LBMP 345036	27.60 -0.17 0.00	26.77 -0.11 0.00	26.60 -0.11 0.00	27.44 -0.11 0.00	28.52 -0.11 0.00	31.70 -0.03 0.00	36.93 0.00 0.00	41.66 0.08 0.00	39.61 0.12 0.00	32.39 0.13 0.00	32.18 0.16 0.00	31.02 0.19 0.00	31.08 0.25 0.00	31.91 0.28 0.00	36.31 0.40 0.00	39.52 0.39 0.00	44.21 0.18 0.00	51.00 0.10 0.00	47.49 0.09 0.00	43.27 0.09 0.00	41.99 0.17 0.00	38.17 0.23 0.00	36.05 0.22 0.00	34.03 0.30 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.74 0.97 0.00	27.79 0.91 0.00	27.51 0.80 0.00	28.35 0.80 0.00	29.49 0.86 0.00	32.46 0.73 0.00	38.08 1.14 0.00	42.99 1.41 0.00	40.80 1.30 0.00	33.22 0.97 0.00	32.88 0.86 0.00	31.66 0.83 0.00	31.66 0.83 0.00	32.55 0.92 0.00	37.13 1.22 0.00	40.54 1.41 0.00	46.10 2.07 0.00	53.19 2.29 0.00	49.72 2.32 0.00	45.30 2.12 0.00	43.71 1.88 0.00	39.42 1.48 0.00	37.16 1.33 0.00	34.80 1.08 0.00
SWANROAD_115KV_TB1 355699	25.38 -2.39 0.00	24.68 -2.20 0.00	24.71 -2.00 0.00	25.48 -2.07 0.00	26.54 -2.09 0.00	29.80 -1.94 0.00	33.98 -2.95 0.00	37.59 -3.99 0.00	35.98 -3.52 0.00	29.84 -2.42 0.00	29.77 -2.24 0.00	28.55 -2.28 0.00	28.46 -2.37 0.00	29.04 -2.59 0.00	32.35 -3.56 0.00	34.83 -4.30 0.00	38.26 -5.77 0.00	44.69 -6.21 0.00	41.28 -6.11 0.00	37.74 -5.44 0.00	37.22 -4.60 0.00	34.26 -3.68 0.00	32.82 -3.01 0.00	31.40 -2.33 0.00
SYNERGY___BIOGAS 323694	26.46 -1.30 0.00	25.91 -0.97 0.00	25.80 -0.91 0.00	26.56 -0.99 0.00	27.60 -1.03 0.00	31.16 -0.57 0.00	35.71 -1.22 0.00	39.71 -1.87 0.00	37.91 -1.58 0.00	31.26 -1.00 0.00	31.18 -0.83 0.00	29.91 -0.92 0.00	29.78 -1.05 0.00	30.39 -1.23 0.00	34.04 -1.87 0.00	36.79 -2.35 0.00	40.64 -3.39 0.00	47.59 -3.31 0.00	43.94 -3.46 0.00	40.12 -3.07 0.00	39.99 -1.84 0.00	36.12 -1.82 0.00	34.40 -1.43 0.00	32.78 -0.94 0.00
SYRACUSE___ENERGY_ST1 323597	27.35 -0.42 0.00	26.48 -0.40 0.00	26.36 -0.35 0.00	27.22 -0.33 0.00	28.26 -0.37 0.00	31.38 -0.35 0.00	36.41 -0.52 0.00	40.87 -0.71 0.00	38.86 -0.63 0.00	31.71 -0.55 0.00	31.50 -0.51 0.00	30.31 -0.52 0.00	30.31 -0.52 0.00	31.03 -0.60 0.00	35.19 -0.72 0.00	38.31 -0.82 0.00	43.06 -0.97 0.00	49.93 -0.97 0.00	46.45 -0.95 0.00	42.32 -0.86 0.00	41.03 -0.79 0.00	37.25 -0.68 0.00	35.19 -0.65 0.00	33.12 -0.61 0.00
SYRACUSE___ENERGY_ST2 323598	27.35 -0.42 0.00	26.48 -0.40 0.00	26.36 -0.35 0.00	27.22 -0.33 0.00	28.26 -0.37 0.00	31.38 -0.35 0.00	36.41 -0.52 0.00	40.87 -0.71 0.00	38.86 -0.63 0.00	31.71 -0.55 0.00	31.50 -0.51 0.00	30.31 -0.52 0.00	30.31 -0.52 0.00	31.03 -0.60 0.00	35.19 -0.72 0.00	38.31 -0.82 0.00	43.06 -0.97 0.00	49.93 -0.97 0.00	46.45 -0.95 0.00	42.32 -0.86 0.00	41.03 -0.79 0.00	37.25 -0.68 0.00	35.19 -0.65 0.00	33.12 -0.61 0.00
SYRACUSE___POWER 24017	27.32 -0.44 0.00	26.45 -0.43 0.00	26.31 -0.40 0.00	27.16 -0.39 0.00	28.23 -0.40 0.00	31.35 -0.38 0.00	36.34 -0.59 0.00	40.83 -0.75 0.00	38.78 -0.71 0.00	31.71 -0.55 0.00	31.47 -0.54 0.00	30.28 -0.55 0.00	30.28 -0.55 0.00	31.00 -0.63 0.00	35.16 -0.75 0.00	38.27 -0.86 0.00	43.02 -1.01 0.00	49.88 -1.02 0.00	46.40 -1.00 0.00	42.28 -0.91 0.00	40.99 -0.84 0.00	37.22 -0.72 0.00	35.15 -0.68 0.00	33.08 -0.64 0.00
TALLMAN___138KV_BK151 55660	28.88 1.11 0.00	27.90 1.02 0.00	27.64 0.93 0.00	28.46 0.91 0.00	29.61 0.97 0.00	32.56 0.82 0.00	38.22 1.29 0.00	43.20 1.62 0.00	40.96 1.46 0.00	33.35 1.10 0.00	33.04 1.02 0.00	31.82 0.99 0.00	31.82 0.99 0.00	32.70 1.08 0.00	37.31 1.40 0.00	40.78 1.64 0.00	46.32 2.29 0.00	53.44 2.54 0.00	49.95 2.56 0.00	45.52 2.33 0.00	43.92 2.09 0.00	39.61 1.67 0.00	37.30 1.47 0.00	34.87 1.15 0.00
TEALLAVE_115KV_TB7 355573	27.24 -0.53 0.00	26.37 -0.51 0.00	26.23 -0.48 0.00	27.08 -0.47 0.00	28.15 -0.49 0.00	31.25 -0.48 0.00	36.23 -0.70 0.00	40.66 -0.91 0.00	38.67 -0.83 0.00	31.58 -0.68 0.00	31.34 -0.67 0.00	30.18 -0.65 0.00	30.15 -0.68 0.00	30.90 -0.73 0.00	35.01 -0.90 0.00	38.12 -1.02 0.00	42.84 -1.19 0.00	49.63 -1.27 0.00	46.16 -1.23 0.00	42.06 -1.12 0.00	40.82 -1.00 0.00	37.06 -0.87 0.00	35.01 -0.82 0.00	32.95 -0.78 0.00
TELGRAPH_34_KV_EAST 80808	26.07 -1.69 0.00	25.35 -1.53 0.00	25.35 -1.36 0.00	26.17 -1.38 0.00	27.23 -1.40 0.00	30.59 -1.14 0.00	35.05 -1.88 0.00	38.92 -2.66 0.00	37.20 -2.29 0.00	30.74 -1.52 0.00	30.64 -1.38 0.00	29.41 -1.42 0.00	29.29 -1.54 0.00	29.92 -1.71 0.00	33.47 -2.44 0.00	36.04 -3.09 0.00	39.71 -4.31 0.00	46.37 -4.53 0.00	42.89 -4.50 0.00	39.17 -4.02 0.00	38.56 -3.26 0.00	35.39 -2.54 0.00	33.79 -2.04 0.00	32.24 -1.48 0.00
TEMPLE___115KV_TB 2 55572	27.27 -0.50 0.00	26.40 -0.48 0.00	26.26 -0.45 0.00	27.08 -0.47 0.00	28.15 -0.49 0.00	31.25 -0.48 0.00	36.23 -0.70 0.00	40.66 -0.91 0.00	38.67 -0.83 0.00	31.61 -0.65 0.00	31.38 -0.64 0.00	30.21 -0.62 0.00	30.18 -0.65 0.00	30.90 -0.73 0.00	35.05 -0.86 0.00	38.15 -0.98 0.00	42.88 -1.14 0.00	49.68 -1.22 0.00	46.21 -1.18 0.00	42.11 -1.08 0.00	40.82 -1.00 0.00	37.06 -0.87 0.00	35.01 -0.82 0.00	32.98 -0.74 0.00
TIANA____69_KV_BK 1 55817	30.04 2.28 0.00	28.76 1.88 0.00	28.39 1.68 0.00	29.15 1.60 0.00	30.41 1.78 0.00	33.70 1.97 0.00	39.88 2.95 0.00	45.40 3.83 0.00	42.65 3.16 0.00	34.32 2.06 0.00	33.94 1.92 0.00	32.71 1.88 0.00	32.80 1.97 0.00	33.81 2.18 0.00	39.39 3.48 0.00	43.12 3.99 0.00	50.08 5.24 -0.81	57.17 6.26 -0.01	53.45 5.97 -0.09	50.45 5.14 -2.12	46.44 4.60 -0.01	41.78 3.83 -0.01	38.99 3.15 0.00	36.19 2.46 0.00
TILDEN___115KV_TB1 80814	27.32 -0.44 0.00	26.45 -0.43 0.00	26.31 -0.40 0.00	27.16 -0.39 0.00	28.23 -0.40 0.00	31.35 -0.38 0.00	36.34 -0.59 0.00	40.83 -0.75 0.00	38.78 -0.71 0.00	31.71 -0.55 0.00	31.47 -0.54 0.00	30.28 -0.55 0.00	30.28 -0.55 0.00	31.00 -0.63 0.00	35.16 -0.75 0.00	38.27 -0.86 0.00	43.02 -1.01 0.00	49.88 -1.02 0.00	46.40 -1.00 0.00	42.28 -0.91 0.00	40.99 -0.84 0.00	37.22 -0.72 0.00	35.15 -0.68 0.00	33.08 -0.64 0.00

TRIGEN___CC 323695	29.32 1.55 0.00	28.14 1.26 0.00	27.83 1.12 0.00	28.60 1.05 0.00	29.78 1.15 0.00	32.87 1.14 0.00	38.78 1.85 0.00	43.95 2.37 0.00	41.35 1.86 0.00	33.45 1.19 0.00	33.10 1.09 0.00	31.88 1.05 0.00	31.94 1.11 0.00	32.93 1.30 0.00	38.07 2.15 0.00	41.64 2.50 0.00	48.56 3.17 -1.36	54.58 3.66 -0.02	51.15 3.60 -0.16	50.22 3.28 -3.75	44.81 2.97 -0.02	40.50 2.54 -0.02	37.95 2.11 0.00	35.31 1.59 0.00
TRINITY___115KV___4 BK 55933	28.71 0.94 0.00	27.74 0.86 0.00	27.54 0.83 0.00	28.40 0.85 0.00	29.55 0.92 0.00	32.59 0.86 0.00	38.08 1.14 0.00	42.83 1.25 0.00	40.64 1.15 0.00	33.19 0.94 0.00	32.85 0.83 0.00	31.60 0.77 0.00	31.54 0.71 0.00	32.42 0.79 0.00	36.66 0.75 0.00	39.99 0.86 0.00	45.17 1.14 0.00	52.22 1.32 0.00	48.67 1.28 0.00	44.35 1.17 0.00	42.83 1.00 0.00	38.85 0.91 0.00	36.73 0.90 0.00	34.63 0.91 0.00
UNION___PROCESSING_DRP 323587	26.54 -1.22 0.00	25.78 -1.10 0.00	25.70 -1.01 0.00	26.50 -1.05 0.00	27.52 -1.12 0.00	30.81 -0.92 0.00	35.49 -1.44 0.00	39.67 -1.91 0.00	37.76 -1.74 0.00	31.06 -1.19 0.00	30.93 -1.09 0.00	29.75 -1.08 0.00	29.69 -1.14 0.00	30.30 -1.33 0.00	34.15 -1.76 0.00	36.94 -2.19 0.00	41.08 -2.95 0.00	47.85 -3.05 0.00	44.36 -3.03 0.00	40.47 -2.72 0.00	39.57 -2.26 0.00	36.12 -1.82 0.00	34.29 -1.54 0.00	32.48 -1.25 0.00
UPPER HUDSON___HYD 24058	28.49 0.72 0.00	27.47 0.59 0.00	27.30 0.59 0.00	28.21 0.66 0.00	29.35 0.72 0.00	32.49 0.76 0.00	38.04 1.11 0.00	42.87 1.29 0.00	40.64 1.15 0.00	33.03 0.77 0.00	32.69 0.67 0.00	31.45 0.62 0.00	31.45 0.62 0.00	32.32 0.69 0.00	36.70 0.79 0.00	40.27 1.14 0.00	45.70 1.67 0.00	52.83 1.93 0.00	49.19 1.80 0.00	44.79 1.60 0.00	43.20 1.38 0.00	39.11 1.18 0.00	36.84 1.00 0.00	34.53 0.81 0.00
UPPER RAQUET___HYD 24056	27.29 -0.47 0.00	26.50 -0.38 0.00	26.36 -0.35 0.00	27.19 -0.36 0.00	28.23 -0.40 0.00	31.48 -0.25 0.00	36.56 -0.37 0.00	41.37 -0.21 0.00	39.34 -0.16 0.00	32.13 -0.13 0.00	31.95 -0.06 0.00	30.77 -0.06 0.00	30.86 0.03 0.00	31.69 0.06 0.00	36.13 0.22 0.00	39.29 0.16 0.00	43.72 -0.31 0.00	50.39 -0.51 0.00	46.87 -0.52 0.00	42.67 -0.52 0.00	41.70 -0.13 0.00	37.82 -0.11 0.00	35.87 0.04 0.00	33.99 0.27 0.00
VALLEY44_115KV_TB2 355964	26.71 -1.06 0.00	25.99 -0.89 0.00	26.02 -0.69 0.00	26.89 -0.66 0.00	28.03 -0.60 0.00	31.51 -0.22 0.00	36.23 -0.70 0.00	40.21 -1.37 0.00	38.47 -1.03 0.00	31.68 -0.58 0.00	31.47 -0.54 0.00	30.15 -0.68 0.00	30.06 -0.77 0.00	30.71 -0.92 0.00	34.44 -1.47 0.00	37.18 -1.96 0.00	41.17 -2.86 0.00	47.95 -2.95 0.00	44.41 -2.99 0.00	40.55 -2.63 0.00	39.82 -2.01 0.00	36.42 -1.52 0.00	34.69 -1.15 0.00	33.25 -0.47 0.00
VALLEY___115KV_TB 1-4 80826	28.04 0.28 0.00	27.18 0.30 0.00	27.03 0.32 0.00	27.91 0.36 0.00	29.03 0.40 0.00	32.30 0.57 0.00	37.63 0.70 0.00	42.54 0.96 0.00	40.48 0.99 0.00	33.13 0.87 0.00	32.94 0.93 0.00	31.73 0.89 0.00	31.73 0.89 0.00	32.45 0.82 0.00	36.77 0.86 0.00	39.96 0.82 0.00	44.69 0.66 0.00	51.46 0.56 0.00	47.82 0.43 0.00	43.49 0.30 0.00	42.08 0.25 0.00	38.20 0.27 0.00	36.12 0.29 0.00	33.99 0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.04 1.28 0.00	28.14 1.26 0.00	28.02 1.31 0.00	28.90 1.35 0.00	29.98 1.35 0.00	33.38 1.65 0.00	38.96 2.03 0.00	44.03 2.45 0.00	41.75 2.25 0.00	33.90 1.65 0.00	33.58 1.57 0.00	32.28 1.45 0.00	32.25 1.42 0.00	32.99 1.36 0.00	37.63 1.72 0.00	41.09 1.96 0.00	46.41 2.38 0.00	53.80 2.90 0.00	50.19 2.80 0.00	45.65 2.46 0.00	44.17 2.34 0.00	39.95 2.01 0.00	37.73 1.90 0.00	35.41 1.69 0.00
VISCHER___FERRY HYD 24020	28.93 1.17 0.00	27.93 1.05 0.00	27.72 1.01 0.00	28.62 1.07 0.00	29.75 1.12 0.00	32.78 1.05 0.00	38.30 1.37 0.00	43.12 1.54 0.00	40.88 1.38 0.00	33.39 1.13 0.00	33.11 1.09 0.00	31.88 1.05 0.00	31.82 0.99 0.00	32.67 1.04 0.00	36.99 1.08 0.00	40.46 1.33 0.00	45.79 1.76 0.00	52.88 1.98 0.00	49.29 1.90 0.00	44.96 1.77 0.00	43.33 1.50 0.00	39.34 1.40 0.00	37.12 1.29 0.00	34.84 1.11 0.00
V_A_10_SYNC_DSASP 323832	25.88 -1.89 0.00	25.27 -1.61 0.00	25.19 -1.52 0.00	25.90 -1.65 0.00	26.92 -1.72 0.00	30.27 -1.46 0.00	34.53 -2.40 0.00	38.38 -3.20 0.00	36.65 -2.84 0.00	30.32 -1.93 0.00	30.26 -1.76 0.00	29.01 -1.82 0.00	28.95 -1.88 0.00	29.54 -2.09 0.00	33.07 -2.84 0.00	35.69 -3.44 0.00	39.36 -4.67 0.00	46.01 -4.89 0.00	42.51 -4.88 0.00	38.83 -4.36 0.00	38.64 -3.18 0.00	34.98 -2.96 0.00	33.36 -2.47 0.00	31.84 -1.89 0.00
V_CMM_10_SYNC_DSASP 323787	27.71 -0.06 0.00	26.88 0.00 0.00	26.74 0.03 0.00	27.58 0.03 0.00	28.63 0.00 0.00	31.89 0.16 0.00	37.15 0.22 0.00	41.91 0.33 0.00	39.85 0.35 0.00	32.58 0.32 0.00	32.37 0.35 0.00	31.17 0.34 0.00	31.26 0.43 0.00	32.10 0.48 0.00	36.52 0.61 0.00	39.72 0.59 0.00	44.42 0.40 0.00	51.26 0.36 0.00	47.73 0.33 0.00	43.49 0.30 0.00	42.24 0.42 0.00	38.39 0.46 0.00	36.27 0.43 0.00	34.26 0.54 0.00
V_CMP_10_SYNC_DSASP 323788	27.38 -0.39 0.00	26.58 -0.30 0.00	26.39 -0.32 0.00	27.22 -0.33 0.00	28.29 -0.34 0.00	31.67 -0.06 0.00	37.04 0.11 0.00	41.95 0.37 0.00	40.05 0.55 0.00	32.80 0.55 0.00	32.72 0.70 0.00	31.57 0.74 0.00	31.79 0.96 0.00	32.77 1.14 0.00	37.35 1.44 0.00	40.66 1.52 0.00	45.17 1.14 0.00	52.07 1.17 0.00	48.39 1.00 0.00	44.05 0.86 0.00	42.74 0.92 0.00	39.11 1.18 0.00	36.84 1.00 0.00	34.80 1.08 0.00
V_D_10_SYNC_DSASP 323841	27.85 0.08 0.00	27.01 0.14 0.00	26.87 0.16 0.00	27.72 0.17 0.00	28.78 0.14 0.00	32.08 0.35 0.00	37.34 0.41 0.00	42.16 0.58 0.00	40.09 0.59 0.00	32.74 0.48 0.00	32.53 0.51 0.00	31.32 0.49 0.00	31.42 0.58 0.00	32.26 0.63 0.00	36.70 0.79 0.00	39.96 0.82 0.00	44.51 0.49 0.00	51.36 0.46 0.00	47.82 0.43 0.00	43.57 0.39 0.00	42.49 0.67 0.00	38.58 0.64 0.00	36.48 0.65 0.00	34.50 0.78 0.00
V_E_10_SYNC_DSASP 323830	29.13 1.36 0.00	28.36 1.48 0.00	28.34 1.63 0.00	29.31 1.76 0.00	30.44 1.81 0.00	34.30 2.57 0.00	40.11 3.18 0.00	48.81 7.23 0.00	46.21 6.71 0.00	37.03 4.77 0.00	36.56 4.54 0.00	34.93 4.10 0.00	34.62 3.79 0.00	35.20 3.57 0.00	40.58 4.67 0.00	44.57 5.44 0.00	50.37 6.34 0.00	54.77 3.87 0.00	50.81 3.41 0.00	45.99 2.81 0.00	44.84 3.01 0.00	40.48 2.54 0.00	38.38 2.54 0.00	36.22 2.50 0.00
V_F_30_NSYNC___DSASP 323816	28.96 1.19 0.00	27.96 1.08 0.00	27.75 1.04 0.00	28.65 1.10 0.00	29.81 1.17 0.00	32.94 1.21 0.00	38.52 1.59 0.00	43.41 1.83 0.00	41.11 1.62 0.00	33.45 1.19 0.00	33.14 1.12 0.00	31.88 1.05 0.00	31.88 1.05 0.00	32.74 1.11 0.00	37.17 1.26 0.00	40.70 1.57 0.00	46.10 2.07 0.00	53.29 2.39 0.00	49.67 2.27 0.00	45.26 2.07 0.00	43.66 1.84 0.00	39.57 1.63 0.00	37.30 1.47 0.00	35.01 1.28 0.00

V_F_30_SYNC_DSASP 323786	28.77 1.00 0.00	27.79 0.91 0.00	27.59 0.88 0.00	28.46 0.91 0.00	29.58 0.94 0.00	32.65 0.92 0.00	38.19 1.26 0.00	42.95 1.37 0.00	40.76 1.26 0.00	33.26 1.00 0.00	32.91 0.90 0.00	31.66 0.83 0.00	31.63 0.80 0.00	32.48 0.85 0.00	36.77 0.86 0.00	40.11 0.98 0.00	45.31 1.28 0.00	52.38 1.48 0.00	48.82 1.42 0.00	44.48 1.30 0.00	42.95 1.13 0.00	38.92 0.99 0.00	36.80 0.97 0.00	34.70 0.98 0.00
V_XM_10_SYNC_DSASP 323789	27.38 -0.39 0.00	26.58 -0.30 0.00	26.39 -0.32 0.00	27.22 -0.33 0.00	28.29 -0.34 0.00	31.67 -0.06 0.00	37.04 0.11 0.00	41.95 0.37 0.00	40.05 0.55 0.00	32.80 0.55 0.00	32.72 0.70 0.00	31.57 0.74 0.00	31.79 0.96 0.00	32.77 1.14 0.00	37.35 1.44 0.00	40.66 1.52 0.00	45.17 1.14 0.00	52.07 1.17 0.00	48.39 1.00 0.00	44.05 0.86 0.00	42.74 0.92 0.00	39.11 1.18 0.00	36.84 1.00 0.00	34.80 1.08 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.99 1.22 0.00	28.01 1.13 0.00	27.72 1.01 0.00	28.57 1.02 0.00	29.69 1.06 0.00	32.68 0.95 0.00	38.37 1.44 0.00	43.37 1.79 0.00	41.11 1.62 0.00	33.48 1.23 0.00	33.14 1.12 0.00	31.91 1.08 0.00	31.91 1.08 0.00	32.80 1.17 0.00	37.42 1.51 0.00	40.89 1.76 0.00	46.45 2.42 0.00	53.60 2.70 0.00	50.10 2.70 0.00	45.69 2.50 0.00	44.04 2.22 0.00	39.72 1.78 0.00	37.41 1.58 0.00	35.01 1.28 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.13 1.36 0.00	28.12 1.24 0.00	27.86 1.15 0.00	28.68 1.13 0.00	29.81 1.17 0.00	32.78 1.05 0.00	38.56 1.62 0.00	43.62 2.04 0.00	41.39 1.90 0.00	33.71 1.45 0.00	33.36 1.34 0.00	32.16 1.33 0.00	32.16 1.33 0.00	33.05 1.42 0.00	37.70 1.80 0.00	41.21 2.07 0.00	46.76 2.73 0.00	53.90 3.00 0.00	50.43 3.03 0.00	45.95 2.76 0.00	44.29 2.47 0.00	39.95 2.01 0.00	37.56 1.72 0.00	35.11 1.38 0.00
W50THST__13_KV_LOAD 356117	29.24 1.47 0.00	28.22 1.34 0.00	27.97 1.26 0.00	28.79 1.24 0.00	29.95 1.32 0.00	32.90 1.17 0.00	38.74 1.81 0.00	43.87 2.29 0.00	41.59 2.09 0.00	33.87 1.61 0.00	33.52 1.50 0.00	32.31 1.48 0.00	32.31 1.48 0.00	33.21 1.58 0.00	37.88 1.98 0.00	41.40 2.27 0.00	46.98 2.95 0.00	54.16 3.26 0.00	50.66 3.27 0.00	46.17 2.98 0.00	44.50 2.68 0.00	40.10 2.16 0.00	37.73 1.90 0.00	35.24 1.52 0.00
WADING RIVER_IC_1 23522	29.99 2.22 0.00	28.63 1.75 0.00	28.23 1.52 0.00	29.09 1.54 0.00	30.32 1.69 0.00	33.57 1.84 0.00	39.70 2.77 0.00	45.19 3.62 0.00	42.42 2.92 0.00	34.16 1.90 0.00	33.77 1.76 0.00	32.59 1.76 0.00	32.68 1.85 0.00	33.65 2.03 0.00	39.18 3.27 0.00	43.08 3.95 0.00	49.82 4.97 -0.81	56.91 6.00 -0.01	53.21 5.73 -0.09	50.14 4.84 -2.12	46.22 4.39 -0.01	41.67 3.72 -0.01	38.88 3.04 0.00	36.08 2.36 0.00
WADING RIVER_IC_2 23547	29.99 2.22 0.00	28.63 1.75 0.00	28.23 1.52 0.00	29.09 1.54 0.00	30.32 1.69 0.00	33.57 1.84 0.00	39.70 2.77 0.00	45.19 3.62 0.00	42.42 2.92 0.00	34.16 1.90 0.00	33.77 1.76 0.00	32.59 1.76 0.00	32.68 1.85 0.00	33.65 2.03 0.00	39.18 3.27 0.00	43.08 3.95 0.00	49.82 4.97 -0.81	56.91 6.00 -0.01	53.21 5.73 -0.09	50.14 4.84 -2.12	46.22 4.39 -0.01	41.67 3.72 -0.01	38.88 3.04 0.00	36.08 2.36 0.00
WADING RIVER_IC_3 23601	29.99 2.22 0.00	28.63 1.75 0.00	28.23 1.52 0.00	29.09 1.54 0.00	30.32 1.69 0.00	33.57 1.84 0.00	39.70 2.77 0.00	45.19 3.62 0.00	42.42 2.92 0.00	34.16 1.90 0.00	33.77 1.76 0.00	32.59 1.76 0.00	32.68 1.85 0.00	33.65 2.03 0.00	39.18 3.27 0.00	43.08 3.95 0.00	49.82 4.97 -0.81	56.91 6.00 -0.01	53.21 5.73 -0.09	50.14 4.84 -2.12	46.22 4.39 -0.01	41.67 3.72 -0.01	38.88 3.04 0.00	36.08 2.36 0.00
WALDENNY_12_KV_BK2 80841	26.18 -1.58 0.00	25.46 -1.42 0.00	25.51 -1.20 0.00	26.34 -1.21 0.00	27.49 -1.15 0.00	30.91 -0.82 0.00	35.34 -1.59 0.00	39.25 -2.33 0.00	37.56 -1.94 0.00	31.06 -1.19 0.00	30.93 -1.09 0.00	29.63 -1.20 0.00	29.54 -1.29 0.00	30.17 -1.45 0.00	33.68 -2.23 0.00	36.28 -2.86 0.00	39.93 -4.09 0.00	46.67 -4.22 0.00	43.13 -4.27 0.00	39.39 -3.80 0.00	38.81 -3.01 0.00	35.66 -2.28 0.00	34.12 -1.72 0.00	32.58 -1.15 0.00
WALDEN__HYDRO 24148	28.99 1.22 0.00	28.01 1.13 0.00	27.72 1.01 0.00	28.57 1.02 0.00	29.72 1.09 0.00	32.71 0.98 0.00	38.41 1.48 0.00	43.33 1.75 0.00	41.11 1.62 0.00	33.45 1.19 0.00	33.10 1.09 0.00	31.85 1.02 0.00	31.85 1.02 0.00	32.77 1.14 0.00	37.38 1.47 0.00	40.86 1.72 0.00	46.49 2.47 0.00	53.65 2.75 0.00	50.10 2.70 0.00	45.69 2.50 0.00	44.00 2.17 0.00	39.68 1.75 0.00	37.41 1.58 0.00	35.04 1.32 0.00
WARRENSBURG____ 23737	28.49 0.72 0.00	27.47 0.59 0.00	27.30 0.59 0.00	28.21 0.66 0.00	29.35 0.72 0.00	32.49 0.76 0.00	38.04 1.11 0.00	42.87 1.29 0.00	40.64 1.15 0.00	33.03 0.77 0.00	32.69 0.67 0.00	31.45 0.62 0.00	31.45 0.62 0.00	32.32 0.69 0.00	36.70 0.79 0.00	40.27 1.14 0.00	45.70 1.67 0.00	52.83 1.93 0.00	49.19 1.80 0.00	44.79 1.60 0.00	43.20 1.38 0.00	39.11 1.18 0.00	36.84 1.00 0.00	34.53 0.81 0.00
WATERSIDE____6 8 9 23538	26.31 1.39 2.85	25.27 1.29 2.90	25.02 1.18 2.86	25.89 1.16 2.81	27.17 1.20 2.67	30.49 1.02 2.25	36.81 1.59 1.71	42.26 2.00 1.32	39.78 1.86 1.57	31.13 1.48 2.61	30.83 1.38 2.56	29.51 1.39 2.71	29.42 1.39 2.79	30.39 1.45 2.70	35.71 1.83 2.03	39.67 2.07 1.54	33.98 2.73 12.78	39.61 3.00 14.30	46.02 2.99 4.36	44.92 2.72 0.98	39.60 2.43 4.65	38.15 1.97 1.76	35.51 1.72 2.05	32.96 1.38 2.15
WATKINRD_115KV_LN8_ILLION 55919	28.13 0.36 0.00	27.23 0.35 0.00	27.08 0.37 0.00	27.94 0.39 0.00	29.06 0.43 0.00	32.27 0.54 0.00	37.56 0.63 0.00	42.37 0.79 0.00	40.28 0.79 0.00	32.90 0.65 0.00	32.69 0.67 0.00	31.48 0.65 0.00	31.45 0.62 0.00	32.23 0.60 0.00	36.56 0.65 0.00	39.80 0.67 0.00	44.69 0.66 0.00	51.56 0.66 0.00	48.01 0.62 0.00	43.70 0.52 0.00	42.29 0.46 0.00	38.35 0.42 0.00	36.23 0.39 0.00	34.10 0.37 0.00
WATSON____69_KV_BK 1 55734	30.04 2.28 0.00	28.76 1.88 0.00	28.42 1.71 0.00	29.15 1.60 0.00	30.35 1.72 0.00	33.60 1.87 0.00	39.70 2.77 0.00	45.11 3.53 0.00	42.38 2.88 0.00	34.16 1.90 0.00	33.81 1.79 0.00	32.56 1.73 0.00	32.65 1.82 0.00	33.68 2.06 0.00	39.18 3.27 0.00	42.85 3.72 0.00	49.75 4.89 -0.84	56.71 5.80 -0.01	53.08 5.59 -0.09	50.30 4.92 -2.19	46.27 4.43 -0.01	41.74 3.79 -0.01	38.99 3.15 0.00	36.19 2.46 0.00
WDELAWARE__HYD 323627	29.10 1.33 0.00	28.12 1.24 0.00	27.83 1.12 0.00	28.73 1.18 0.00	29.89 1.26 0.00	32.94 1.21 0.00	38.70 1.77 0.00	43.66 2.08 0.00	41.39 1.90 0.00	33.61 1.35 0.00	33.17 1.15 0.00	31.94 1.11 0.00	31.91 1.08 0.00	32.80 1.17 0.00	37.49 1.58 0.00	41.05 1.92 0.00	46.80 2.78 0.00	53.95 3.05 0.00	50.43 3.04 0.00	45.91 2.72 0.00	44.17 2.34 0.00	39.80 1.86 0.00	37.56 1.72 0.00	35.17 1.45 0.00

WEST BABYLON___IC 23714	29.88 2.11 0.00	28.63 1.75 0.00	28.29 1.58 0.00	29.01 1.46 0.00	30.24 1.60 0.00	33.44 1.71 0.00	39.52 2.59 0.00	44.86 3.28 0.00	42.10 2.61 0.00	34.00 1.74 0.00	33.65 1.63 0.00	32.37 1.54 0.00	32.47 1.63 0.00	33.53 1.90 0.00	38.93 3.02 0.00	42.58 3.44 0.00	49.41 4.49 -0.89	56.25 5.34 -0.01	52.66 5.17 -0.10	50.11 4.58 -2.34	45.98 4.14 -0.01	41.48 3.53 -0.01	38.77 2.94 0.00	36.02 2.29 0.00
WEST CANADA___HYD 24049	27.85 0.08 0.00	26.96 0.08 0.00	26.79 0.08 0.00	27.63 0.08 0.00	28.72 0.09 0.00	31.79 0.06 0.00	37.04 0.11 0.00	41.75 0.17 0.00	39.61 0.12 0.00	32.35 0.10 0.00	32.11 0.10 0.00	30.92 0.09 0.00	30.89 0.06 0.00	31.69 0.06 0.00	35.98 0.07 0.00	39.21 0.08 0.00	44.16 0.13 0.00	51.05 0.15 0.00	47.54 0.14 0.00	43.27 0.09 0.00	41.87 0.04 0.00	37.97 0.04 0.00	35.91 0.07 0.00	33.76 0.03 0.00
WESTERN_NY_WIND 24143	26.43 -1.33 0.00	25.70 -1.18 0.00	25.70 -1.01 0.00	26.53 -1.02 0.00	27.57 -1.06 0.00	31.00 -0.73 0.00	35.64 -1.29 0.00	39.63 -1.95 0.00	37.84 -1.66 0.00	31.19 -1.06 0.00	31.12 -0.90 0.00	29.88 -0.96 0.00	29.75 -1.08 0.00	30.33 -1.30 0.00	34.01 -1.90 0.00	36.67 -2.47 0.00	40.55 -3.48 0.00	47.39 -3.51 0.00	43.84 -3.55 0.00	39.99 -3.20 0.00	39.32 -2.51 0.00	36.04 -1.90 0.00	34.37 -1.47 0.00	32.68 -1.05 0.00
WESTOVER___LESR 323668	27.60 -0.17 0.00	26.75 -0.13 0.00	26.63 -0.08 0.00	27.47 -0.08 0.00	28.58 -0.06 0.00	31.79 0.06 0.00	36.89 -0.04 0.00	41.37 -0.21 0.00	39.34 -0.16 0.00	32.16 -0.10 0.00	31.92 -0.10 0.00	30.68 -0.15 0.00	30.65 -0.18 0.00	31.38 -0.25 0.00	35.55 -0.36 0.00	38.70 -0.43 0.00	43.46 -0.57 0.00	50.34 -0.56 0.00	46.82 -0.57 0.00	42.67 -0.52 0.00	41.45 -0.38 0.00	37.63 -0.30 0.00	35.62 -0.22 0.00	33.62 -0.10 0.00
WETHRSFD_WT_PWR 323626	26.04 -1.72 0.00	25.51 -1.37 0.00	25.54 -1.17 0.00	26.31 -1.24 0.00	27.52 -1.12 0.00	31.00 -0.73 0.00	35.60 -1.33 0.00	39.58 -2.00 0.00	37.84 -1.66 0.00	31.19 -1.06 0.00	30.99 -1.03 0.00	29.63 -1.20 0.00	29.51 -1.32 0.00	30.14 -1.49 0.00	33.79 -2.12 0.00	36.39 -2.74 0.00	40.24 -3.79 0.00	46.98 -3.92 0.00	43.41 -3.98 0.00	39.65 -3.54 0.00	39.40 -2.43 0.00	35.81 -2.12 0.00	34.19 -1.65 0.00	32.71 -1.01 0.00
WHAVSTOR_138KV_BK127 55557	28.88 1.11 0.00	27.90 1.02 0.00	27.64 0.93 0.00	28.49 0.94 0.00	29.61 0.97 0.00	32.56 0.82 0.00	38.26 1.33 0.00	43.20 1.62 0.00	40.96 1.46 0.00	33.39 1.13 0.00	33.04 1.02 0.00	31.82 0.99 0.00	31.82 0.99 0.00	32.70 1.08 0.00	37.31 1.40 0.00	40.78 1.64 0.00	46.27 2.25 0.00	53.44 2.54 0.00	49.95 2.56 0.00	45.52 2.33 0.00	43.87 2.05 0.00	39.61 1.67 0.00	37.30 1.47 0.00	34.87 1.15 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.88 1.11 0.00	27.90 1.02 0.00	27.64 0.93 0.00	28.49 0.94 0.00	29.61 0.97 0.00	32.56 0.82 0.00	38.26 1.33 0.00	43.20 1.62 0.00	40.96 1.46 0.00	33.39 1.13 0.00	33.04 1.02 0.00	31.82 0.99 0.00	31.82 0.99 0.00	32.70 1.08 0.00	37.31 1.40 0.00	40.78 1.64 0.00	46.27 2.25 0.00	53.44 2.54 0.00	49.95 2.56 0.00	45.52 2.33 0.00	43.87 2.05 0.00	39.61 1.67 0.00	37.30 1.47 0.00	34.87 1.15 0.00
WHITEHAL_115KV_TB1 80871	29.07 1.31 0.00	28.04 1.16 0.00	27.86 1.15 0.00	28.79 1.24 0.00	29.98 1.35 0.00	33.25 1.52 0.00	39.00 2.07 0.00	43.99 2.41 0.00	41.67 2.17 0.00	33.77 1.52 0.00	33.42 1.41 0.00	32.10 1.26 0.00	32.13 1.29 0.00	33.02 1.39 0.00	37.53 1.62 0.00	41.25 2.11 0.00	46.89 2.86 0.00	54.26 3.36 0.00	50.52 3.13 0.00	45.95 2.76 0.00	44.38 2.55 0.00	40.06 2.12 0.00	37.70 1.86 0.00	35.34 1.62 0.00
WHITEPLN_13_KV_LOAD 356215	29.27 1.50 0.00	28.28 1.40 0.00	27.99 1.28 0.00	28.84 1.29 0.00	29.98 1.35 0.00	32.94 1.21 0.00	38.78 1.85 0.00	43.87 2.29 0.00	41.63 2.13 0.00	33.87 1.61 0.00	33.52 1.50 0.00	32.25 1.42 0.00	32.28 1.45 0.00	33.21 1.58 0.00	37.92 2.01 0.00	41.40 2.27 0.00	46.93 2.91 0.00	54.36 3.46 0.00	50.81 3.41 0.00	46.34 3.15 0.00	44.67 2.84 0.00	40.25 2.31 0.00	37.84 2.01 0.00	35.34 1.62 0.00
WM_FLOYD_69_KV_BK2 356380	29.96 2.19 0.00	28.65 1.77 0.00	28.31 1.60 0.00	29.07 1.52 0.00	30.27 1.63 0.00	33.51 1.78 0.00	39.63 2.70 0.00	45.07 3.49 0.00	42.30 2.80 0.00	34.06 1.81 0.00	33.71 1.70 0.00	32.50 1.66 0.00	32.59 1.76 0.00	33.59 1.96 0.00	39.07 3.16 0.00	42.81 3.68 0.00	49.64 4.80 -0.82	56.66 5.75 -0.01	53.03 5.55 -0.09	50.11 4.79 -2.12	46.14 4.31 -0.01	41.59 3.64 -0.01	38.81 2.97 0.00	36.05 2.33 0.00
WOODARD___115KV_TB2 355635	27.21 -0.56 0.00	26.34 -0.54 0.00	26.20 -0.51 0.00	27.05 -0.50 0.00	28.12 -0.52 0.00	31.19 -0.54 0.00	36.15 -0.78 0.00	40.62 -0.96 0.00	38.59 -0.91 0.00	31.55 -0.71 0.00	31.31 -0.70 0.00	30.15 -0.68 0.00	30.12 -0.71 0.00	30.87 -0.76 0.00	34.98 -0.93 0.00	38.08 -1.06 0.00	42.80 -1.23 0.00	49.58 -1.32 0.00	46.16 -1.23 0.00	42.06 -1.12 0.00	40.78 -1.05 0.00	37.03 -0.91 0.00	34.98 -0.86 0.00	32.92 -0.81 0.00
YORK___WARBASSE 23770	49.30 1.61 -19.92	48.69 1.48 -20.33	48.13 1.39 -20.04	48.64 1.38 -19.71	48.72 1.40 -18.68	48.72 1.21 -15.78	50.71 1.81 -11.97	53.05 2.25 -9.22	52.58 2.09 -10.99	52.23 1.68 -18.30	51.53 1.60 -17.91	51.43 1.63 -18.97	52.03 1.63 -19.57	52.20 1.68 -18.89	52.15 2.05 -14.19	52.26 2.35 -10.78	136.55 3.04 -89.49	154.37 3.36 -100.11	81.27 3.32 -30.56	53.10 3.02 -6.89	77.08 2.72 -32.54	52.48 2.24 -12.31	52.11 1.94 -14.34	50.38 1.62 -15.03