

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion											
Generator Data		07/24/2024																											
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	EDT	33.39	31.07	26.85	25.91	25.65	27.13	30.97	33.19	35.46	37.47	38.65	39.79	41.06	42.56	43.26	49.67	53.01	62.30	55.63	48.82	44.86	40.96	37.33	34.98				
		2.44	2.30	1.90	1.83	1.81	1.92	2.35	2.74	3.05	3.06	3.13	3.29	3.42	3.62	3.79	4.60	5.17	5.97	5.10	4.19	3.71	3.35	2.99	2.89				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		33.45	31.10	26.87	25.96	25.65	27.13	30.94	33.22	35.46	37.44	38.65	39.87	41.06	42.49	43.18	49.58	52.92	62.19	55.63	48.78	44.86	40.93	37.30	35.01				
		2.51	2.33	1.92	1.88	1.81	1.92	2.32	2.77	3.05	3.03	3.13	3.36	3.42	3.54	3.71	4.51	5.07	5.86	5.10	4.15	3.70	3.31	2.95	2.92				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		33.45	31.10	26.87	25.96	25.65	27.13	30.94	33.22	35.46	37.44	38.65	39.87	41.06	42.49	43.18	49.58	52.92	62.19	55.63	48.78	44.86	40.93	37.30	35.01				
		2.51	2.33	1.92	1.88	1.81	1.92	2.32	2.77	3.05	3.03	3.13	3.36	3.42	3.54	3.71	4.51	5.07	5.86	5.10	4.15	3.70	3.31	2.95	2.92				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		33.08	30.87	26.72	25.72	25.44	27.00	30.69	32.36	34.55	36.79	37.62	38.70	39.78	40.85	41.48	47.51	50.62	60.39	54.57	48.24	44.78	40.63	36.78	34.40				
		2.14	2.10	1.77	1.64	1.60	1.79	2.06	1.92	2.14	2.37	2.10	2.19	2.15	1.91	2.01	2.43	2.78	4.06	4.04	3.61	3.62	3.01	2.44	2.31				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		33.27	31.04	26.87	25.86	25.56	27.13	30.86	32.55	34.75	36.99	37.80	38.88	40.01	41.08	41.68	47.78	50.91	60.84	55.03	48.64	45.14	40.96	37.03	34.63				
		2.32	2.27	1.92	1.78	1.72	1.92	2.23	2.10	2.34	2.58	2.28	2.37	2.37	2.14	2.21	2.70	3.06	4.51	4.50	4.02	3.99	3.35	2.68	2.53				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		33.08	30.87	26.72	25.72	25.44	27.00	30.69	32.36	34.55	36.79	37.62	38.70	39.78	40.85	41.48	47.51	50.62	60.39	54.57	48.24	44.78	40.63	36.78	34.40				
		2.14	2.10	1.77	1.64	1.60	1.79	2.06	1.92	2.14	2.37	2.10	2.19	2.15	1.91	2.01	2.43	2.78	4.06	4.04	3.61	3.62	3.01	2.44	2.31				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		32.58	30.35	26.40	25.48	25.20	26.65	30.23	31.94	34.07	35.96	36.95	38.04	39.14	40.34	40.93	46.79	49.85	58.75	52.75	46.59	43.01	39.23	35.85	33.79				
		1.64	1.58	1.45	1.40	1.36	1.44	1.60	1.49	1.65	1.55	1.42	1.53	1.51	1.40	1.46	1.71	2.01	2.42	2.22	1.96	1.85	1.62	1.51	1.70				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		31.44	29.29	25.43	24.51	24.29	25.64	29.11	30.87	32.87	34.82	35.88	36.91	38.05	39.25	39.90	45.61	48.56	57.35	51.39	45.34	41.81	38.11	34.72	32.58				
		0.50	0.52	0.47	0.43	0.45	0.43	0.49	0.43	0.45	0.41	0.36	0.40	0.41	0.31	0.43	0.54	0.72	1.01	0.86	0.71	0.66	0.49	0.38	0.48				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		30.36	28.28	24.50	23.65	23.43	24.73	28.17	29.99	31.93	33.83	34.92	35.67	36.73	38.01	38.48	43.95	45.98	54.07	48.45	43.06	39.92	36.68	33.59	31.39				
		-0.59	-0.49	-0.45	-0.43	-0.41	-0.48	-0.46	-0.46	-0.49	-0.58	-0.60	-0.84	-0.90	-0.93	-0.99	-1.13	-1.87	-2.25	-2.07	-1.56	-1.23	-0.94	-0.76	-0.71				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00				
ALBANY_1_SOLAR 323833		32.12	29.92	25.95	25.02	24.72	26.14	29.66	31.30	33.32	35.27	36.24	37.24	38.39	39.64	40.22	45.97	48.99	58.08	52.25	46.19	42.63	38.86	35.41	33.28				
		1.18	1.15	1.00	0.94	0.88	0.93	1.03	0.85	0.91	0.86	0.71	0.73	0.75	0.70	0.75	0.90	1.15	1.75	1.72	1.56	1.48	1.24	1.07	1.19				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		32.09	29.89	25.95	25.02	24.72	26.14	29.66	31.30	33.32	35.27	36.24	37.20	38.39	39.60	40.22	45.97	48.99	58.08	52.25	46.19	42.63	38.86	35.41	33.28				
		1.15	1.12	1.00	0.94	0.88	0.93	1.03	0.85	0.91	0.86	0.71	0.69	0.75	0.66	0.75	0.90	1.15	1.75	1.72	1.56	1.48	1.24	1.07	1.19				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		31.44	29.29	25.43	24.51	24.29	25.64	29.11	30.87	32.87	34.82	35.88	36.91	38.05	39.25	39.90	45.61	48.56	57.35	51.39	45.34	41.81	38.11	34.72	32.58				
		0.50	0.52	0.47	0.43	0.45	0.43	0.49	0.43	0.45	0.41	0.36	0.40	0.41	0.31	0.43	0.54	0.72	1.01	0.86	0.71	0.66	0.49	0.38	0.48				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.44 0.50 0.00	29.29 0.52 0.00	25.43 0.47 0.00	24.51 0.43 0.00	24.29 0.45 0.00	25.64 0.43 0.00	29.11 0.49 0.00	30.87 0.43 0.00	32.87 0.45 0.00	34.82 0.41 0.00	35.88 0.36 0.00	36.91 0.40 0.00	38.05 0.41 0.00	39.25 0.31 0.00	39.90 0.43 0.00	45.61 0.54 0.00	48.56 0.72 0.00	57.35 1.01 0.00	51.39 0.86 0.00	45.34 0.71 0.00	41.81 0.66 0.00	38.11 0.49 0.00	34.72 0.38 0.00	32.58 0.48 0.00
ALBANY___3 23573	31.44 0.50 0.00	29.29 0.52 0.00	25.43 0.47 0.00	24.51 0.43 0.00	24.29 0.45 0.00	25.64 0.43 0.00	29.11 0.49 0.00	30.87 0.43 0.00	32.87 0.45 0.00	34.82 0.41 0.00	35.88 0.36 0.00	36.91 0.40 0.00	38.05 0.41 0.00	39.25 0.31 0.00	39.90 0.43 0.00	45.61 0.54 0.00	48.56 0.72 0.00	57.35 1.01 0.00	51.39 0.86 0.00	45.34 0.71 0.00	41.81 0.66 0.00	38.11 0.49 0.00	34.72 0.38 0.00	32.58 0.48 0.00
ALBANY___4 23574	31.44 0.50 0.00	29.29 0.52 0.00	25.43 0.47 0.00	24.51 0.43 0.00	24.29 0.45 0.00	25.64 0.43 0.00	29.11 0.49 0.00	30.87 0.43 0.00	32.87 0.45 0.00	34.82 0.41 0.00	35.88 0.36 0.00	36.91 0.40 0.00	38.05 0.41 0.00	39.25 0.31 0.00	39.90 0.43 0.00	45.61 0.54 0.00	48.56 0.72 0.00	57.35 1.01 0.00	51.39 0.86 0.00	45.34 0.71 0.00	41.81 0.66 0.00	38.11 0.49 0.00	34.72 0.38 0.00	32.58 0.48 0.00
ALBANY___LFGE 323615	31.81 0.87 0.00	29.63 0.86 0.00	25.70 0.75 0.00	24.78 0.70 0.00	24.51 0.67 0.00	25.92 0.70 0.00	29.43 0.80 0.00	31.15 0.70 0.00	33.26 0.84 0.00	35.24 0.82 0.00	36.31 0.78 0.00	37.35 0.84 0.00	38.54 0.90 0.00	39.76 0.82 0.00	40.38 0.91 0.00	46.20 1.13 0.00	49.18 1.34 0.00	58.14 1.80 0.00	52.10 1.57 0.00	45.96 1.34 0.00	42.35 1.19 0.00	38.56 0.94 0.00	35.14 0.79 0.00	32.99 0.90 0.00
ALCOA_PA_115KV_PL-6C 55860	30.45 -0.50 0.00	28.37 -0.40 0.00	24.55 -0.40 0.00	23.72 -0.36 0.00	23.51 -0.33 0.00	24.78 -0.43 0.00	28.25 -0.37 0.00	30.08 -0.37 0.00	32.03 -0.39 0.00	33.93 -0.48 0.00	34.99 -0.53 0.00	35.78 -0.73 0.00	36.81 -0.83 0.00	38.05 -0.90 0.00	38.52 -0.95 0.00	43.99 -1.08 0.00	45.64 -2.20 0.00	53.68 -2.65 0.01	48.10 -2.43 0.01	42.84 -1.79 0.00	39.75 -1.40 0.00	36.83 -0.79 0.00	33.66 -0.69 0.00	31.48 -0.61 0.00
ALCOA_RYNLDS___DRP 24188	30.45 -0.50 0.00	28.37 -0.40 0.00	24.55 -0.40 0.00	23.72 -0.36 0.00	23.51 -0.33 0.00	24.78 -0.43 0.00	28.25 -0.37 0.00	30.08 -0.37 0.00	32.03 -0.39 0.00	33.93 -0.48 0.00	34.99 -0.53 0.00	35.78 -0.73 0.00	36.81 -0.83 0.00	38.05 -0.90 0.00	38.52 -0.95 0.00	43.99 -1.08 0.00	45.64 -2.20 0.00	53.68 -2.65 0.01	48.10 -2.43 0.01	42.84 -1.79 0.00	39.75 -1.40 0.00	36.83 -0.79 0.00	33.66 -0.69 0.00	31.48 -0.61 0.00
ALCOA___DSASP 323711	30.45 -0.50 0.00	28.37 -0.40 0.00	24.55 -0.40 0.00	23.72 -0.36 0.00	23.51 -0.33 0.00	24.78 -0.43 0.00	28.25 -0.37 0.00	30.08 -0.36 0.00	32.03 -0.39 0.00	33.93 -0.48 0.00	34.99 -0.53 0.00	35.70 -0.80 0.00	36.77 -0.86 0.00	38.05 -0.89 0.00	38.52 -0.95 0.00	43.95 -1.13 0.00	45.74 -2.10 0.00	53.68 -2.65 0.01	48.10 -2.42 0.01	42.84 -1.79 0.00	39.75 -1.40 0.00	36.79 -0.83 0.00	33.66 -0.69 0.00	31.48 -0.61 0.00
ALLEGHENY___COGEN 23514	32.09 1.15 0.00	29.54 0.78 0.00	25.63 0.67 0.00	24.68 0.60 0.00	24.44 0.60 0.00	26.19 0.98 0.00	29.37 0.74 0.00	30.96 0.52 0.00	32.19 -0.23 0.00	34.62 0.21 0.00	34.82 -0.71 0.00	36.54 0.04 0.00	37.63 0.00 0.00	39.22 0.27 0.00	39.44 -0.04 -0.02	44.41 -0.67 -0.01	47.80 -0.05 0.00	56.78 0.45 0.00	51.84 1.31 0.00	46.05 1.43 0.00	42.80 1.65 0.00	39.35 1.73 0.00	35.20 0.86 0.00	33.34 1.25 0.00
ALTAMONT_115KV_TB 2 55880	31.78 0.84 0.00	29.57 0.81 0.00	25.68 0.72 0.00	24.75 0.67 0.00	24.51 0.67 0.00	25.92 0.71 0.00	29.43 0.80 0.00	31.24 0.79 0.00	33.26 0.84 0.00	35.24 0.83 0.00	36.31 0.78 0.00	37.38 0.88 0.00	38.54 0.90 0.00	39.80 0.86 0.00	40.42 0.95 0.00	46.20 1.13 0.00	49.23 1.39 0.00	58.08 1.75 0.00	52.10 1.57 0.00	45.96 1.34 0.00	42.35 1.19 0.00	38.63 1.02 0.00	35.20 0.86 0.00	32.96 0.87 0.00
ALTONA_WT_PWR 323606	31.41 0.46 0.00	29.29 0.52 0.00	25.38 0.42 0.00	24.51 0.43 0.00	24.32 0.48 0.00	25.64 0.43 0.00	29.31 0.69 0.00	31.27 0.82 0.00	33.29 0.88 0.00	35.27 0.86 0.00	36.41 0.89 0.00	37.20 0.69 0.00	38.31 0.68 0.00	39.80 0.86 0.00	40.30 0.83 0.00	45.84 0.77 0.00	46.84 -1.01 0.00	54.35 -1.97 0.01	48.65 -1.87 0.01	44.04 -0.58 0.00	41.57 0.41 0.00	37.99 0.38 0.00	34.59 0.24 0.00	32.26 0.16 0.00
AMERICAN_REF_FUEL 24010	29.83 -1.11 0.00	27.42 -1.35 0.00	23.93 -1.02 0.00	23.05 -1.03 0.00	22.79 -1.05 0.00	24.43 -0.78 0.00	27.20 -1.43 0.00	28.80 -1.64 0.00	30.21 -2.21 0.00	32.97 -1.44 0.00	34.60 -0.92 0.00	36.33 -0.18 0.00	37.33 -0.30 0.00	38.94 0.00 0.00	38.97 -0.51 -0.01	43.32 -1.76 -0.01	46.75 -1.10 0.00	54.76 -1.58 0.00	49.47 -1.06 0.00	43.47 -1.16 0.00	40.05 -1.11 0.00	37.21 -0.41 0.00	33.28 -1.06 0.00	30.91 -1.19 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.50 0.56 0.00	28.91 0.14 0.00	25.13 0.18 0.00	24.15 0.07 0.00	23.79 -0.05 0.00	25.54 0.33 0.00	28.57 -0.06 0.00	30.75 0.30 0.00	32.45 0.03 0.00	35.34 0.93 0.00	37.30 1.78 0.00	39.03 2.52 0.00	40.23 2.59 0.00	41.91 2.96 -0.01	41.91 2.37 -0.08	46.37 1.26 -0.04	50.20 2.34 -0.01	58.82 2.48 -0.01	53.06 2.53 0.00	46.64 2.01 0.00	42.80 1.65 0.00	39.80 2.18 0.00	35.58 1.23 0.00	32.80 0.71 0.00
ARTHUR KILL_GT_1 23520	33.43 2.48 -0.01	31.10 2.33 -0.01	26.91 1.95 -0.01	25.99 1.90 -0.01	25.68 1.84 -0.01	27.05 1.84 0.00	30.83 2.20 0.00	33.04 2.59 -0.01	35.20 2.79 0.01	37.03 2.61 0.00	38.19 2.67 0.00	39.20 2.70 0.01	40.52 2.90 0.01	41.19 3.04 0.79	41.73 3.20 0.94	43.84 4.01 5.24	43.91 4.59 8.53	54.42 5.35 7.27	45.90 4.60 9.23	43.29 3.75 5.08	44.44 3.29 0.01	40.47 2.86 0.01	37.34 2.99 -0.01	35.83 2.63 -1.10
ARTHUR_KILL_2 23512	33.34 2.38 -0.01	31.02 2.25 -0.01	26.83 1.87 -0.01	25.90 1.81 -0.01	25.61 1.76 -0.01	26.95 1.74 0.00	30.71 2.09 0.00	32.92 2.47 -0.01	35.10 2.69 0.01	36.89 2.48 0.00	38.05 2.52 0.00	39.05 2.55 0.01	40.37 2.75 0.01	41.03 2.88 0.79	41.53 3.00 0.94	43.62 3.79 5.24	43.67 4.35 8.53	54.13 5.07 7.27	45.60 4.29 9.23	43.03 3.48 5.08	44.23 3.09 0.01	40.28 2.67 0.01	37.17 2.82 -0.01	35.70 2.50 -1.10
ARTHUR_KILL_3 23513	33.05 2.11 0.00	30.75 1.98 0.00	26.55 1.60 0.00	25.64 1.56 0.00	25.37 1.53 0.00	26.80 1.59 0.00	30.57 1.95 0.00	32.79 2.34 0.00	35.04 2.62 0.00	36.99 2.58 0.00	38.12 2.59 0.00	39.17 2.66 0.00	40.38 2.75 0.00	41.04 2.88 0.78	41.58 3.04 0.93	43.58 3.74 5.23	43.58 4.26 8.52	53.97 4.90 7.26	45.50 4.19 9.22	42.94 3.39 5.08	44.20 3.05 0.00	40.51 2.90 0.00	36.96 2.61 0.00	35.79 2.60 -1.09

ARTHUR_KILL_COGEN 323718	33.43 2.48 -0.01	31.10 2.33 -0.01	26.91 1.95 -0.01	25.99 1.90 -0.01	25.68 1.84 -0.01	27.05 1.84 0.00	30.83 2.20 0.00	33.04 2.59 -0.01	35.20 2.79 0.01	37.03 2.61 0.00	38.19 2.67 0.00	39.20 2.70 0.01	40.52 2.90 0.01	41.19 3.04 0.79	41.73 3.20 0.94	43.84 4.01 5.24	43.91 4.59 8.53	54.42 5.35 7.27	45.90 4.60 9.23	43.29 3.75 5.08	44.44 3.29 0.01	40.47 2.86 0.01	37.34 2.99 -0.01	35.83 2.63 -1.10
ASHOKAN____ 23654	32.62 1.67 0.00	30.35 1.58 0.00	26.32 1.37 0.00	25.36 1.28 0.00	25.08 1.24 0.00	26.40 1.19 0.00	30.09 1.46 0.00	31.54 1.09 0.00	33.68 1.26 0.00	35.51 1.10 0.00	36.45 0.92 0.00	37.42 0.91 0.00	38.73 1.09 0.00	40.07 1.13 0.00	40.81 1.34 0.00	46.83 1.76 0.00	50.05 2.20 0.00	59.26 2.93 0.00	53.51 2.98 0.00	47.12 2.50 0.00	43.46 2.30 0.00	39.35 1.73 0.00	36.03 1.68 0.00	33.83 1.73 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.49 2.54 -0.01	31.19 2.42 -0.01	26.98 2.02 -0.01	26.04 1.95 -0.01	25.78 1.93 -0.01	27.15 1.94 0.00	30.95 2.32 -0.01	33.07 2.62 -0.01	35.23 2.82 0.01	37.12 2.72 0.01	38.25 2.74 0.01	39.27 2.77 0.01	40.54 2.90 -0.01	41.99 3.04 -0.01	42.59 3.12 -0.01	48.91 3.83 -0.01	52.35 4.50 -0.01	61.52 5.18 -0.01	55.03 4.50 -0.01	48.25 3.61 -0.01	44.29 3.13 -0.01	40.45 2.82 -0.01	37.24 2.89 -0.01	34.67 2.57 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	33.49 2.54 -0.01	31.19 2.42 -0.01	26.98 2.02 -0.01	26.04 1.95 -0.01	25.78 1.93 -0.01	27.15 1.94 0.00	30.95 2.32 -0.01	33.07 2.62 -0.01	35.23 2.82 0.01	37.12 2.72 0.01	38.25 2.74 0.01	39.27 2.77 0.01	40.54 2.90 -0.01	41.99 3.04 -0.01	42.59 3.12 -0.01	48.91 3.83 -0.01	52.35 4.50 -0.01	61.52 5.18 -0.01	55.03 4.50 -0.01	48.25 3.61 -0.01	44.29 3.13 -0.01	40.45 2.82 -0.01	37.24 2.89 -0.01	34.67 2.57 -0.01
ASTORIA_GT2_1 24094	33.51 2.57 0.00	31.18 2.42 0.00	27.00 2.05 0.00	26.08 2.00 0.00	25.77 1.93 0.00	27.18 1.97 0.00	30.98 2.35 -0.01	33.13 2.68 0.00	35.30 2.88 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.57 3.07 0.00	40.74 3.09 -0.02	42.03 3.08 -0.02	42.64 3.16 -0.02	48.91 3.83 -0.01	52.34 4.50 0.00	61.57 5.24 0.00	55.14 4.60 -0.02	48.30 3.66 -0.02	44.33 3.17 -0.01	40.52 2.90 -0.01	37.24 2.88 -0.01	34.67 2.57 -0.01
ASTORIA_GT2_2 24095	33.51 2.57 0.00	31.18 2.42 0.00	27.00 2.05 0.00	26.08 2.00 0.00	25.77 1.93 0.00	27.18 1.97 0.00	30.98 2.35 -0.01	33.13 2.68 0.00	35.30 2.88 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.57 3.07 0.00	40.74 3.09 -0.02	42.03 3.08 -0.02	42.64 3.16 -0.02	48.91 3.83 -0.01	52.34 4.50 0.00	61.57 5.24 0.00	55.14 4.60 -0.02	48.30 3.66 -0.02	44.33 3.17 -0.01	40.52 2.90 -0.01	37.24 2.88 -0.01	34.67 2.57 -0.01
ASTORIA_GT2_3 24096	33.51 2.57 0.00	31.18 2.42 0.00	27.00 2.05 0.00	26.08 2.00 0.00	25.77 1.93 0.00	27.18 1.97 0.00	30.98 2.35 -0.01	33.13 2.68 0.00	35.30 2.88 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.57 3.07 0.00	40.74 3.09 -0.02	42.03 3.08 -0.02	42.64 3.16 -0.02	48.91 3.83 -0.01	52.34 4.50 0.00	61.57 5.24 0.00	55.14 4.60 -0.02	48.30 3.66 -0.02	44.33 3.17 -0.01	40.52 2.90 -0.01	37.24 2.88 -0.01	34.67 2.57 -0.01
ASTORIA_GT2_4 24097	33.51 2.57 0.00	31.18 2.42 0.00	27.00 2.05 0.00	26.08 2.00 0.00	25.77 1.93 0.00	27.18 1.97 0.00	30.98 2.35 -0.01	33.13 2.68 0.00	35.30 2.88 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.57 3.07 0.00	40.74 3.09 -0.02	42.03 3.08 -0.02	42.64 3.16 -0.02	48.91 3.83 -0.01	52.34 4.50 0.00	61.57 5.24 0.00	55.14 4.60 -0.02	48.30 3.66 -0.02	44.33 3.17 -0.01	40.52 2.90 -0.01	37.24 2.88 -0.01	34.67 2.57 -0.01
ASTORIA_GT3_1 24098	33.51 2.57 0.00	31.18 2.42 0.00	27.00 2.05 0.00	26.08 2.00 0.00	25.77 1.93 0.00	27.18 1.97 0.00	30.98 2.35 -0.01	33.13 2.68 0.00	35.30 2.88 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.57 3.07 0.00	40.74 3.09 -0.02	42.03 3.08 -0.02	42.64 3.16 -0.02	48.91 3.83 -0.01	52.34 4.50 0.00	61.57 5.24 0.00	55.14 4.60 -0.02	48.30 3.66 -0.02	44.33 3.17 -0.01	40.52 2.90 -0.01	37.24 2.88 -0.01	34.67 2.57 -0.01
ASTORIA_GT3_2 24099	33.51 2.57 0.00	31.18 2.42 0.00	27.00 2.05 0.00	26.08 2.00 0.00	25.77 1.93 0.00	27.18 1.97 0.00	30.98 2.35 -0.01	33.13 2.68 0.00	35.30 2.88 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.57 3.07 0.00	40.74 3.09 -0.02	42.03 3.08 -0.02	42.64 3.16 -0.02	48.91 3.83 -0.01	52.34 4.50 0.00	61.57 5.24 0.00	55.14 4.60 -0.02	48.30 3.66 -0.02	44.33 3.17 -0.01	40.52 2.90 -0.01	37.24 2.88 -0.01	34.67 2.57 -0.01
ASTORIA_GT3_3 24100	33.51 2.57 0.00	31.18 2.42 0.00	27.00 2.05 0.00	26.08 2.00 0.00	25.77 1.93 0.00	27.18 1.97 0.00	30.98 2.35 -0.01	33.13 2.68 0.00	35.30 2.88 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.57 3.07 0.00	40.74 3.09 -0.02	42.03 3.08 -0.02	42.64 3.16 -0.02	48.91 3.83 -0.01	52.34 4.50 0.00	61.57 5.24 0.00	55.14 4.60 -0.02	48.30 3.66 -0.02	44.33 3.17 -0.01	40.52 2.90 -0.01	37.24 2.88 -0.01	34.67 2.57 -0.01
ASTORIA_GT3_4 24101	33.51 2.57 0.00	31.18 2.42 0.00	27.00 2.05 0.00	26.08 2.00 0.00	25.77 1.93 0.00	27.18 1.97 0.00	30.98 2.35 -0.01	33.13 2.68 0.00	35.30 2.88 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.57 3.07 0.00	40.74 3.09 -0.02	42.03 3.08 -0.02	42.64 3.16 -0.02	48.91 3.83 -0.01	52.34 4.50 0.00	61.57 5.24 0.00	55.14 4.60 -0.02	48.30 3.66 -0.02	44.33 3.17 -0.01	40.52 2.90 -0.01	37.24 2.88 -0.01	34.67 2.57 -0.01
ASTORIA_GT4_1 24102	33.51 2.57 0.00	31.18 2.42 0.00	27.00 2.05 0.00	26.08 2.00 0.00	25.77 1.93 0.00	27.18 1.97 0.00	30.98 2.35 -0.01	33.13 2.68 0.00	35.30 2.88 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.57 3.07 0.00	40.74 3.09 -0.02	42.03 3.08 -0.02	42.64 3.16 -0.02	48.91 3.83 -0.01	52.34 4.50 0.00	61.57 5.24 0.00	55.14 4.60 -0.02	48.30 3.66 -0.02	44.33 3.17 -0.01	40.52 2.90 -0.01	37.24 2.88 -0.01	34.67 2.57 -0.01
ASTORIA_GT4_2 24103	33.51 2.57 0.00	31.18 2.42 0.00	27.00 2.05 0.00	26.08 2.00 0.00	25.77 1.93 0.00	27.18 1.97 0.00	30.98 2.35 -0.01	33.13 2.68 0.00	35.30 2.88 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.57 3.07 0.00	40.74 3.09 -0.02	42.03 3.08 -0.02	42.64 3.16 -0.02	48.91 3.83 -0.01	52.34 4.50 0.00	61.57 5.24 0.00	55.14 4.60 -0.02	48.30 3.66 -0.02	44.33 3.17 -0.01	40.52 2.90 -0.01	37.24 2.88 -0.01	34.67 2.57 -0.01
ASTORIA_GT4_3 24104	33.51 2.57 0.00	31.18 2.42 0.00	27.00 2.05 0.00	26.08 2.00 0.00	25.77 1.93 0.00	27.18 1.97 0.00	30.98 2.35 -0.01	33.13 2.68 0.00	35.30 2.88 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.57 3.07 0.00	40.74 3.09 -0.02	42.03 3.08 -0.02	42.64 3.16 -0.02	48.91 3.83 -0.01	52.34 4.50 0.00	61.57 5.24 0.00	55.14 4.60 -0.02	48.30 3.66 -0.02	44.33 3.17 -0.01	40.52 2.90 -0.01	37.24 2.88 -0.01	34.67 2.57 -0.01

ASTORIA_GT4_4 24105	33.51 2.57 0.00	31.18 2.42 0.00	27.00 2.05 0.00	26.08 2.00 0.00	25.77 1.93 0.00	27.18 1.97 0.00	30.98 2.35 -0.01	33.13 2.68 0.00	35.30 2.88 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.57 3.07 0.00	40.74 3.09 -0.02	42.03 3.08 -0.02	42.64 3.16 -0.02	48.91 3.83 -0.01	52.34 4.50 0.00	61.57 5.24 0.00	55.14 4.60 -0.02	48.30 3.66 -0.02	44.33 3.17 -0.01	40.52 2.90 -0.01	37.24 2.88 -0.01	34.67 2.57 -0.01
ASTORIA_GT_1 23523	33.58 2.63 -0.01	31.25 2.47 -0.01	27.06 2.10 -0.01	26.11 2.02 -0.01	25.82 1.98 -0.01	27.23 2.02 0.00	31.04 2.40 -0.01	33.16 2.71 -0.01	35.33 2.92 0.01	37.23 2.82 0.01	38.36 2.84 0.01	39.42 2.92 0.01	40.69 3.05 -0.01	42.10 3.15 -0.01	42.75 3.27 -0.01	49.05 3.97 -0.01	52.49 4.64 -0.01	61.75 5.41 -0.01	55.24 4.70 -0.01	48.43 3.79 -0.01	44.41 3.25 -0.01	40.60 2.97 -0.01	37.34 2.99 -0.01	34.76 2.66 -0.01
ASTORIA_GT_10 24110	33.36 2.41 0.00	31.04 2.27 0.00	26.80 1.85 0.00	25.91 1.83 0.00	25.60 1.76 0.00	27.03 1.82 0.00	30.83 2.20 0.00	33.09 2.65 0.00	35.27 2.85 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.54 3.03 0.00	40.68 3.05 0.00	41.98 3.04 0.00	42.63 3.16 0.00	48.86 3.79 0.00	52.20 4.35 0.00	61.35 5.01 0.00	54.88 4.35 0.00	48.11 3.48 0.00	44.28 3.13 0.00	40.48 2.86 0.00	37.13 2.78 0.00	34.95 2.63 -0.22
ASTORIA_GT_11 24225	33.36 2.41 0.00	31.04 2.27 0.00	26.80 1.85 0.00	25.91 1.83 0.00	25.60 1.76 0.00	27.03 1.82 0.00	30.83 2.20 0.00	33.09 2.65 0.00	35.27 2.85 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.54 3.03 0.00	40.68 3.05 0.00	41.98 3.04 0.00	42.63 3.16 0.00	48.86 3.79 0.00	52.20 4.35 0.00	61.35 5.01 0.00	54.88 4.35 0.00	48.11 3.48 0.00	44.28 3.13 0.00	40.48 2.86 0.00	37.13 2.78 0.00	34.95 2.63 -0.22
ASTORIA_GT_12 24226	33.36 2.41 0.00	31.04 2.27 0.00	26.80 1.85 0.00	25.91 1.83 0.00	25.60 1.76 0.00	27.03 1.82 0.00	30.83 2.20 0.00	33.09 2.65 0.00	35.27 2.85 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.54 3.03 0.00	40.68 3.05 0.00	41.98 3.04 0.00	42.63 3.16 0.00	48.86 3.79 0.00	52.20 4.35 0.00	61.35 5.01 0.00	54.88 4.35 0.00	48.11 3.48 0.00	44.28 3.13 0.00	40.48 2.86 0.00	37.13 2.78 0.00	34.95 2.63 -0.22
ASTORIA_GT_13 24227	33.36 2.41 0.00	31.04 2.27 0.00	26.80 1.85 0.00	25.91 1.83 0.00	25.60 1.76 0.00	27.03 1.82 0.00	30.83 2.20 0.00	33.09 2.65 0.00	35.27 2.85 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.54 3.03 0.00	40.68 3.05 0.00	41.98 3.04 0.00	42.63 3.16 0.00	48.86 3.79 0.00	52.20 4.35 0.00	61.35 5.01 0.00	54.88 4.35 0.00	48.11 3.48 0.00	44.28 3.13 0.00	40.48 2.86 0.00	37.13 2.78 0.00	34.95 2.63 -0.22
ASTORIA_GT_5 24106	33.58 2.63 0.00	31.27 2.50 0.00	27.05 2.10 0.00	26.13 2.05 0.00	25.82 1.98 0.00	27.23 2.02 0.00	31.04 2.40 -0.01	33.19 2.74 0.00	35.37 2.95 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.65 3.14 0.00	40.85 3.20 -0.02	42.15 3.19 -0.02	42.76 3.28 -0.02	49.09 4.01 -0.01	52.53 4.69 0.00	61.74 5.41 0.00	55.30 4.75 -0.02	48.44 3.79 -0.02	44.41 3.25 -0.01	40.60 2.97 -0.01	37.34 2.99 -0.01	34.73 2.63 -0.01
ASTORIA_GT_7 24107	33.58 2.63 0.00	31.27 2.50 0.00	27.05 2.10 0.00	26.13 2.05 0.00	25.82 1.98 0.00	27.23 2.02 0.00	31.04 2.40 -0.01	33.19 2.74 0.00	35.37 2.95 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.65 3.14 0.00	40.85 3.20 -0.02	42.15 3.19 -0.02	42.76 3.28 -0.02	49.09 4.01 -0.01	52.53 4.69 0.00	61.74 5.41 0.00	55.30 4.75 -0.02	48.44 3.79 -0.02	44.41 3.25 -0.01	40.60 2.97 -0.01	37.34 2.99 -0.01	34.73 2.63 -0.01
ASTORIA_GT_8 24108	33.58 2.63 0.00	31.27 2.50 0.00	27.05 2.10 0.00	26.13 2.05 0.00	25.82 1.98 0.00	27.23 2.02 0.00	31.04 2.40 -0.01	33.19 2.74 0.00	35.37 2.95 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.65 3.14 0.00	40.85 3.20 -0.02	42.15 3.19 -0.02	42.76 3.28 -0.02	49.09 4.01 -0.01	52.53 4.69 0.00	61.74 5.41 0.00	55.30 4.75 -0.02	48.44 3.79 -0.02	44.41 3.25 -0.01	40.60 2.97 -0.01	37.34 2.99 -0.01	34.73 2.63 -0.01
ASTORIA___2 24149	33.49 2.54 -0.01	31.19 2.42 -0.01	27.01 2.05 -0.01	26.06 1.98 -0.01	25.78 1.93 -0.01	27.18 1.97 0.00	30.95 2.32 -0.01	33.07 2.62 -0.01	35.26 2.85 0.01	37.16 2.75 0.01	38.29 2.77 0.01	39.31 2.81 0.01	40.58 2.94 -0.01	41.99 3.04 -0.01	42.63 3.16 -0.01	48.91 3.83 -0.01	52.35 4.50 -0.01	61.58 5.24 -0.01	55.09 4.55 -0.01	48.29 3.66 -0.01	44.29 3.13 -0.01	40.48 2.86 -0.01	37.24 2.89 -0.01	34.70 2.60 -0.01
ASTORIA___3 23516	33.34 2.38 -0.01	31.02 2.25 -0.01	26.81 1.85 -0.01	25.90 1.81 -0.01	25.61 1.76 -0.01	27.00 1.79 0.00	30.83 2.20 0.00	33.04 2.59 -0.01	35.27 2.85 0.00	37.17 2.75 0.00	38.30 2.77 0.00	39.32 2.81 0.00	40.57 2.94 0.00	41.98 3.04 0.00	42.63 3.16 0.00	48.86 3.79 0.00	52.14 4.31 0.01	61.34 5.01 0.01	54.77 4.25 0.01	48.10 3.48 0.01	44.28 3.13 0.00	40.44 2.82 0.00	37.13 2.78 0.00	34.95 2.63 -0.22
ASTORIA___4 23517	33.36 2.41 0.00	31.04 2.27 0.00	26.80 1.85 0.00	25.91 1.83 0.00	25.60 1.76 0.00	27.03 1.82 0.00	30.83 2.20 0.00	33.09 2.65 0.00	35.27 2.85 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.54 3.03 0.00	40.68 3.05 0.00	41.98 3.04 0.00	42.63 3.16 0.00	48.86 3.79 0.00	52.20 4.35 0.00	61.35 5.01 0.00	54.88 4.35 0.00	48.11 3.48 0.00	44.28 3.13 0.00	40.48 2.86 0.00	37.13 2.78 0.00	34.95 2.63 -0.22
ASTORIA___5 23518	33.34 2.38 -0.01	31.02 2.25 -0.01	26.81 1.85 -0.01	25.90 1.81 -0.01	25.61 1.76 -0.01	27.00 1.79 0.00	30.83 2.20 0.00	33.04 2.59 -0.01	35.27 2.85 0.00	37.17 2.75 0.00	38.30 2.77 0.00	39.32 2.81 0.00	40.57 2.94 0.00	41.98 3.04 0.00	42.63 3.16 0.00	48.86 3.79 0.00	52.14 4.31 0.01	61.34 5.01 0.01	54.77 4.25 0.01	48.10 3.48 0.01	44.28 3.13 0.00	40.44 2.82 0.00	37.13 2.78 0.00	34.95 2.63 -0.22
AST_ENERGY_2_CC3 323677	33.14 2.20 0.00	30.84 2.07 0.00	26.65 1.70 0.00	25.72 1.64 0.00	25.44 1.60 0.00	26.87 1.66 0.00	30.66 2.03 0.00	32.85 2.40 0.00	35.10 2.69 0.00	37.06 2.65 0.00	38.19 2.67 0.00	39.32 2.81 0.00	40.53 2.90 0.00	42.02 3.08 0.00	42.71 3.24 0.00	49.04 3.97 0.00	52.39 4.55 0.00	61.51 5.18 0.00	54.98 4.45 0.00	48.24 3.61 0.00	44.37 3.21 0.00	40.55 2.94 0.00	36.99 2.64 0.00	34.73 2.63 0.00
AST_ENERGY_2_CC4 323678	33.14 2.20 0.00	30.84 2.07 0.00	26.65 1.70 0.00	25.72 1.64 0.00	25.44 1.60 0.00	26.87 1.66 0.00	30.66 2.03 0.00	32.85 2.40 0.00	35.10 2.69 0.00	37.06 2.65 0.00	38.19 2.67 0.00	39.32 2.81 0.00	40.53 2.90 0.00	42.02 3.08 0.00	42.71 3.24 0.00	49.04 3.97 0.00	52.39 4.55 0.00	61.51 5.18 0.00	54.98 4.45 0.00	48.24 3.61 0.00	44.37 3.21 0.00	40.55 2.94 0.00	36.99 2.64 0.00	34.73 2.63 0.00

ATHENS_STG_1 23668	32.00 1.05 0.00	29.77 1.01 0.00	25.83 0.87 0.00	24.92 0.84 0.00	24.65 0.81 0.00	26.07 0.86 0.00	29.63 1.00 0.00	31.57 1.13 0.00	33.68 1.26 0.00	35.62 1.20 0.00	36.73 1.21 0.00	37.78 1.28 0.00	38.95 1.32 0.00	40.30 1.36 0.00	40.93 1.46 0.00	46.92 1.85 0.00	50.00 2.15 0.00	58.87 2.54 0.00	52.70 2.17 0.00	46.46 1.83 0.00	42.76 1.60 0.00	38.90 1.28 0.00	35.51 1.17 0.00	33.31 1.22 0.00
ATHENS_STG_2 23670	32.00 1.05 0.00	29.77 1.01 0.00	25.83 0.87 0.00	24.92 0.84 0.00	24.65 0.81 0.00	26.07 0.86 0.00	29.63 1.00 0.00	31.57 1.13 0.00	33.68 1.26 0.00	35.62 1.20 0.00	36.73 1.21 0.00	37.78 1.28 0.00	38.95 1.32 0.00	40.30 1.36 0.00	40.93 1.46 0.00	46.92 1.85 0.00	50.00 2.15 0.00	58.87 2.54 0.00	52.70 2.17 0.00	46.46 1.83 0.00	42.76 1.60 0.00	38.90 1.28 0.00	35.51 1.17 0.00	33.31 1.22 0.00
ATHENS_STG_3 23677	32.00 1.05 0.00	29.77 1.01 0.00	25.83 0.87 0.00	24.92 0.84 0.00	24.65 0.81 0.00	26.07 0.86 0.00	29.63 1.00 0.00	31.57 1.13 0.00	33.68 1.26 0.00	35.62 1.20 0.00	36.73 1.21 0.00	37.78 1.28 0.00	38.95 1.32 0.00	40.30 1.36 0.00	40.93 1.46 0.00	46.92 1.85 0.00	50.00 2.15 0.00	58.87 2.54 0.00	52.70 2.17 0.00	46.46 1.83 0.00	42.76 1.60 0.00	38.90 1.28 0.00	35.51 1.17 0.00	33.31 1.22 0.00
AUBURN___LFGE 323710	30.79 -0.15 0.00	28.57 -0.20 0.00	24.75 -0.20 0.00	23.89 -0.19 0.00	23.65 -0.19 0.00	25.11 -0.10 0.00	28.43 -0.20 0.00	30.23 -0.21 0.00	32.19 -0.23 0.00	34.48 0.07 0.00	35.70 0.18 0.00	36.95 0.44 0.00	38.24 0.60 0.00	39.68 0.74 0.00	40.02 0.55 0.00	45.48 0.41 0.00	48.42 0.57 0.00	57.18 0.85 0.00	51.39 0.86 0.00	45.30 0.67 0.00	41.69 0.54 0.00	38.07 0.45 0.00	34.52 0.17 0.00	32.06 -0.03 0.00
BABYLON_RES_REC 323704	36.87 2.82 -3.11	35.75 2.64 -4.33	32.85 2.25 -5.65	30.00 2.17 -3.75	28.86 2.12 -2.90	29.98 2.02 -2.75	30.92 2.29 0.00	34.54 2.59 -1.51	35.83 2.85 -0.56	36.89 2.48 0.00	37.91 2.38 0.00	39.25 2.74 0.00	40.38 2.75 0.00	42.30 3.35 0.00	48.86 3.47 -5.92	49.28 4.19 -0.01	56.88 4.93 -4.11	67.96 5.69 -5.94	59.39 4.90 -3.96	48.60 3.97 0.00	44.49 3.33 0.00	40.93 3.31 0.00	37.03 2.68 0.00	35.27 3.18 0.00
BABYLON___69_KV_BK2 356345	37.37 3.31 -3.11	36.18 3.08 -4.33	33.20 2.60 -5.65	30.36 2.53 -3.75	29.22 2.48 -2.90	30.53 2.57 -2.75	31.63 3.01 0.00	35.30 3.35 -1.51	36.64 3.66 -0.56	37.99 3.58 0.00	38.95 3.41 -0.01	40.35 3.83 -0.01	41.48 3.84 -0.01	43.43 4.48 -0.01	49.89 4.50 -5.92	50.45 5.36 -0.01	58.15 6.27 -4.04	69.37 7.10 -5.94	60.71 6.22 -3.96	49.67 5.04 0.00	45.52 4.36 0.00	41.58 3.95 -0.01	37.47 3.13 0.00	35.46 3.37 0.00
BALL_HILL_WT_PWR 323825	31.07 0.12 0.00	28.54 -0.23 0.00	24.85 -0.10 0.00	23.91 -0.17 0.00	23.62 -0.21 0.00	25.36 0.15 0.00	28.28 -0.34 0.00	30.24 -0.21 0.00	31.87 -0.55 0.00	34.69 0.27 0.00	36.52 0.99 0.00	38.26 1.75 0.00	39.44 1.81 0.00	41.09 2.14 -0.01	41.18 1.62 -0.09	45.66 0.54 -0.04	49.38 1.53 -0.01	57.86 1.52 -0.01	52.25 1.72 0.00	45.92 1.29 0.00	42.19 1.03 0.00	39.08 1.47 0.00	35.00 0.65 0.00	32.29 0.19 0.00
BARON_WINDS___WT_PWR 323822	31.13 0.19 0.00	28.71 -0.06 0.00	24.95 0.00 0.00	24.03 -0.05 0.00	23.77 -0.07 0.00	25.46 0.25 0.00	28.57 -0.06 0.00	30.42 -0.03 0.00	32.16 -0.26 0.00	34.79 0.38 0.00	36.31 0.78 0.00	37.93 1.42 0.00	39.14 1.51 0.00	40.70 1.75 0.00	40.84 1.34 -0.03	45.72 0.63 -0.01	49.24 1.39 0.00	57.97 1.63 0.00	52.25 1.72 0.00	46.01 1.38 0.00	42.31 1.15 0.00	38.97 1.35 0.00	35.00 0.65 0.00	32.32 0.23 0.00
BARRETT_IC_1 23704	36.59 2.54 -3.11	35.46 2.36 -4.33	32.62 2.02 -5.65	29.78 1.95 -3.75	28.65 1.91 -2.90	29.98 2.02 -2.75	31.00 2.37 0.00	34.66 2.71 -1.51	35.92 2.95 -0.56	36.92 2.51 0.00	38.01 2.49 0.00	39.25 2.74 0.00	40.38 2.75 0.00	42.21 3.27 0.00	48.78 3.39 -5.92	49.23 4.14 -0.01	56.17 4.69 -3.64	67.56 5.29 -5.94	59.19 4.70 -3.96	48.33 3.70 0.00	44.28 3.13 0.00	40.63 3.01 0.00	37.19 2.85 0.00	35.01 2.92 0.00
BARRETT_IC_10 23701	36.59 2.54 -3.11	35.46 2.36 -4.33	32.62 2.02 -5.65	29.78 1.95 -3.75	28.65 1.91 -2.90	29.98 2.02 -2.75	31.00 2.37 0.00	34.66 2.71 -1.51	35.92 2.95 -0.56	36.92 2.51 0.00	38.01 2.49 0.00	39.25 2.74 0.00	40.38 2.75 0.00	42.21 3.27 0.00	48.78 3.39 -5.92	49.23 4.14 -0.01	56.17 4.69 -3.64	67.56 5.29 -5.94	59.19 4.70 -3.96	48.33 3.70 0.00	44.28 3.13 0.00	40.63 3.01 0.00	37.19 2.85 0.00	35.01 2.92 0.00
BARRETT_IC_11 23702	36.59 2.54 -3.11	35.46 2.36 -4.33	32.62 2.02 -5.65	29.78 1.95 -3.75	28.65 1.91 -2.90	29.98 2.02 -2.75	31.00 2.37 0.00	34.66 2.71 -1.51	35.92 2.95 -0.56	36.92 2.51 0.00	38.01 2.49 0.00	39.25 2.74 0.00	40.38 2.75 0.00	42.21 3.27 0.00	48.78 3.39 -5.92	49.23 4.14 -0.01	56.17 4.69 -3.64	67.56 5.29 -5.94	59.19 4.70 -3.96	48.33 3.70 0.00	44.28 3.13 0.00	40.63 3.01 0.00	37.19 2.85 0.00	35.01 2.92 0.00
BARRETT_IC_12 23703	36.59 2.54 -3.11	35.46 2.36 -4.33	32.62 2.02 -5.65	29.78 1.95 -3.75	28.65 1.91 -2.90	29.98 2.02 -2.75	31.00 2.37 0.00	34.66 2.71 -1.51	35.92 2.95 -0.56	36.92 2.51 0.00	38.01 2.49 0.00	39.25 2.74 0.00	40.38 2.75 0.00	42.21 3.27 0.00	48.78 3.39 -5.92	49.23 4.14 -0.01	56.17 4.69 -3.64	67.56 5.29 -5.94	59.19 4.70 -3.96	48.33 3.70 0.00	44.28 3.13 0.00	40.63 3.01 0.00	37.19 2.85 0.00	35.01 2.92 0.00
BARRETT_IC_2 23705	36.59 2.54 -3.11	35.46 2.36 -4.33	32.62 2.02 -5.65	29.78 1.95 -3.75	28.65 1.91 -2.90	29.98 2.02 -2.75	31.00 2.37 0.00	34.66 2.71 -1.51	35.92 2.95 -0.56	36.92 2.51 0.00	38.01 2.49 0.00	39.25 2.74 0.00	40.38 2.75 0.00	42.21 3.27 0.00	48.78 3.39 -5.92	49.23 4.14 -0.01	56.17 4.69 -3.64	67.56 5.29 -5.94	59.19 4.70 -3.96	48.33 3.70 0.00	44.28 3.13 0.00	40.63 3.01 0.00	37.19 2.85 0.00	35.01 2.92 0.00
BARRETT_IC_3 23706	36.59 2.54 -3.11	35.46 2.36 -4.33	32.62 2.02 -5.65	29.78 1.95 -3.75	28.65 1.91 -2.90	29.98 2.02 -2.75	31.00 2.37 0.00	34.66 2.71 -1.51	35.92 2.95 -0.56	36.92 2.51 0.00	38.01 2.49 0.00	39.25 2.74 0.00	40.38 2.75 0.00	42.21 3.27 0.00	48.78 3.39 -5.92	49.23 4.14 -0.01	56.17 4.69 -3.64	67.56 5.29 -5.94	59.19 4.70 -3.96	48.33 3.70 0.00	44.28 3.13 0.00	40.63 3.01 0.00	37.19 2.85 0.00	35.01 2.92 0.00
BARRETT_IC_4 23707	36.59 2.54 -3.11	35.46 2.36 -4.33	32.62 2.02 -5.65	29.78 1.95 -3.75	28.65 1.91 -2.90	29.98 2.02 -2.75	31.00 2.37 0.00	34.66 2.71 -1.51	35.92 2.95 -0.56	36.92 2.51 0.00	38.01 2.49 0.00	39.25 2.74 0.00	40.38 2.75 0.00	42.21 3.27 0.00	48.78 3.39 -5.92	49.23 4.14 -0.01	56.17 4.69 -3.64	67.56 5.29 -5.94	59.19 4.70 -3.96	48.33 3.70 0.00	44.28 3.13 0.00	40.63 3.01 0.00	37.19 2.85 0.00	35.01 2.92 0.00

BARRETT_IC_5 23708	36.59 2.54 -3.11	35.46 2.36 -4.33	32.62 2.02 -5.65	29.78 1.95 -3.75	28.65 1.91 -2.90	29.98 2.02 -2.75	31.00 2.37 0.00	34.66 2.71 -1.51	35.92 2.95 -0.56	36.92 2.51 0.00	38.01 2.49 0.00	39.25 2.74 0.00	40.38 2.75 0.00	42.21 3.27 0.00	48.78 3.39 -5.92	49.23 4.14 -0.01	56.17 4.69 -3.64	67.56 5.29 -5.94	59.19 4.70 -3.96	48.33 3.70 0.00	44.28 3.13 0.00	40.63 3.01 0.00	37.19 2.85 0.00	35.01 2.92 0.00
BARRETT_IC_6 23709	36.59 2.54 -3.11	35.46 2.36 -4.33	32.62 2.02 -5.65	29.78 1.95 -3.75	28.65 1.91 -2.90	29.98 2.02 -2.75	31.00 2.37 0.00	34.66 2.71 -1.51	35.92 2.95 -0.56	36.92 2.51 0.00	38.01 2.49 0.00	39.25 2.74 0.00	40.38 2.75 0.00	42.21 3.27 0.00	48.78 3.39 -5.92	49.23 4.14 -0.01	56.17 4.69 -3.64	67.56 5.29 -5.94	59.19 4.70 -3.96	48.33 3.70 0.00	44.28 3.13 0.00	40.63 3.01 0.00	37.19 2.85 0.00	35.01 2.92 0.00
BARRETT_IC_7 23710	36.62 2.57 -3.11	35.46 2.36 -4.33	32.62 2.02 -5.65	29.78 1.95 -3.75	28.65 1.91 -2.90	29.98 2.02 -2.75	31.00 2.38 0.00	34.69 2.74 -1.51	35.92 2.95 -0.56	37.10 2.68 0.00	38.12 2.59 0.00	39.39 2.88 0.00	40.46 2.82 0.00	42.21 3.27 0.00	48.82 3.43 -5.92	49.23 4.15 -0.01	56.16 4.69 -3.63	67.56 5.30 -5.94	59.24 4.75 -3.96	48.33 3.70 0.00	44.32 3.17 0.00	40.44 2.82 0.00	36.99 2.64 0.00	34.85 2.76 0.00
BARRETT_IC_8 23711	36.59 2.54 -3.11	35.46 2.36 -4.33	32.62 2.02 -5.65	29.78 1.95 -3.75	28.65 1.91 -2.90	29.98 2.02 -2.75	31.00 2.37 0.00	34.66 2.71 -1.51	35.92 2.95 -0.56	36.92 2.51 0.00	38.01 2.49 0.00	39.25 2.74 0.00	40.38 2.75 0.00	42.21 3.27 0.00	48.78 3.39 -5.92	49.23 4.14 -0.01	56.17 4.69 -3.64	67.56 5.29 -5.94	59.19 4.70 -3.96	48.33 3.70 0.00	44.28 3.13 0.00	40.63 3.01 0.00	37.19 2.85 0.00	35.01 2.92 0.00
BARRETT_IC_9 23700	36.59 2.54 -3.11	35.46 2.36 -4.33	32.62 2.02 -5.65	29.78 1.95 -3.75	28.65 1.91 -2.90	29.98 2.02 -2.75	31.00 2.37 0.00	34.66 2.71 -1.51	35.92 2.95 -0.56	36.92 2.51 0.00	38.01 2.49 0.00	39.25 2.74 0.00	40.38 2.75 0.00	42.21 3.27 0.00	48.78 3.39 -5.92	49.23 4.14 -0.01	56.17 4.69 -3.64	67.56 5.29 -5.94	59.19 4.70 -3.96	48.33 3.70 0.00	44.28 3.13 0.00	40.63 3.01 0.00	37.19 2.85 0.00	35.01 2.92 0.00
BARRETT___1 23545	36.59 2.54 -3.11	35.46 2.36 -4.33	32.62 2.02 -5.65	29.78 1.95 -3.75	28.65 1.91 -2.90	29.98 2.02 -2.75	31.00 2.37 0.00	34.66 2.71 -1.51	35.92 2.95 -0.56	36.92 2.51 0.00	38.01 2.49 0.00	39.25 2.74 0.00	40.38 2.75 0.00	42.21 3.27 0.00	48.78 3.39 -5.92	49.23 4.14 -0.01	56.17 4.69 -3.64	67.56 5.29 -5.94	59.19 4.70 -3.96	48.33 3.70 0.00	44.28 3.13 0.00	40.63 3.01 0.00	37.19 2.85 0.00	35.01 2.92 0.00
BARRETT___2 23546	36.59 2.54 -3.11	35.46 2.36 -4.33	32.62 2.02 -5.65	29.78 1.95 -3.75	28.65 1.91 -2.90	29.98 2.02 -2.75	31.00 2.37 0.00	34.66 2.71 -1.51	35.92 2.95 -0.56	36.92 2.51 0.00	38.01 2.49 0.00	39.25 2.74 0.00	40.38 2.75 0.00	42.21 3.27 0.00	48.78 3.39 -5.92	49.23 4.14 -0.01	56.17 4.69 -3.64	67.56 5.29 -5.94	59.19 4.70 -3.96	48.33 3.70 0.00	44.28 3.13 0.00	40.63 3.01 0.00	37.19 2.85 0.00	35.01 2.92 0.00
BATAVIA__115KV_TB1 55881	30.88 -0.06 0.00	28.42 -0.35 0.00	24.70 -0.25 0.00	23.77 -0.31 0.00	23.55 -0.29 0.00	25.24 0.03 0.00	28.23 -0.40 0.00	29.87 -0.58 0.00	31.54 -0.88 0.00	34.38 -0.03 0.00	35.85 0.32 0.00	37.24 0.73 0.00	38.80 1.17 0.00	40.54 1.60 0.00	40.63 1.14 -0.01	45.40 0.32 -0.01	48.57 0.72 0.00	57.35 1.01 0.00	51.65 1.11 0.00	45.48 0.85 0.00	42.02 0.86 0.00	38.82 1.20 0.00	34.86 0.52 0.00	32.32 0.22 0.00
BAYONEEC___CTG1 323682	33.18 2.23 0.00	30.87 2.10 0.00	26.67 1.72 0.00	25.74 1.66 0.00	25.46 1.62 0.00	26.90 1.69 0.00	30.71 2.09 0.00	32.91 2.47 0.00	35.14 2.72 0.00	37.13 2.72 0.00	38.26 2.74 0.00	39.36 2.85 0.00	40.57 2.94 0.00	42.06 3.12 0.00	42.71 3.24 0.00	49.08 4.01 0.00	52.39 4.55 0.00	61.57 5.24 0.00	55.03 4.50 0.00	48.29 3.66 0.00	44.40 3.25 0.00	40.63 3.01 0.00	37.06 2.71 0.00	34.76 2.66 0.00
BAYONEEC___CTG10 323750	33.18 2.23 0.00	30.87 2.10 0.00	26.67 1.72 0.00	25.74 1.66 0.00	25.46 1.62 0.00	26.90 1.69 0.00	30.71 2.09 0.00	32.91 2.47 0.00	35.14 2.72 0.00	37.13 2.72 0.00	38.26 2.74 0.00	39.36 2.85 0.00	40.57 2.94 0.00	42.06 3.12 0.00	42.71 3.24 0.00	49.08 4.01 0.00	52.39 4.55 0.00	61.57 5.24 0.00	55.03 4.50 0.00	48.29 3.66 0.00	44.40 3.25 0.00	40.63 3.01 0.00	37.06 2.71 0.00	34.76 2.66 0.00
BAYONEEC___CTG2 323683	33.18 2.23 0.00	30.87 2.10 0.00	26.67 1.72 0.00	25.74 1.66 0.00	25.46 1.62 0.00	26.90 1.69 0.00	30.71 2.09 0.00	32.91 2.47 0.00	35.14 2.72 0.00	37.13 2.72 0.00	38.26 2.74 0.00	39.36 2.85 0.00	40.57 2.94 0.00	42.06 3.12 0.00	42.71 3.24 0.00	49.08 4.01 0.00	52.39 4.55 0.00	61.57 5.24 0.00	55.03 4.50 0.00	48.29 3.66 0.00	44.40 3.25 0.00	40.63 3.01 0.00	37.06 2.71 0.00	34.76 2.66 0.00
BAYONEEC___CTG3 323684	33.18 2.23 0.00	30.87 2.10 0.00	26.67 1.72 0.00	25.74 1.66 0.00	25.46 1.62 0.00	26.90 1.69 0.00	30.71 2.09 0.00	32.91 2.47 0.00	35.14 2.72 0.00	37.13 2.72 0.00	38.26 2.74 0.00	39.36 2.85 0.00	40.57 2.94 0.00	42.06 3.12 0.00	42.71 3.24 0.00	49.08 4.01 0.00	52.39 4.55 0.00	61.57 5.24 0.00	55.03 4.50 0.00	48.29 3.66 0.00	44.40 3.25 0.00	40.63 3.01 0.00	37.06 2.71 0.00	34.76 2.66 0.00
BAYONEEC___CTG4 323685	33.18 2.23 0.00	30.87 2.10 0.00	26.67 1.72 0.00	25.74 1.66 0.00	25.46 1.62 0.00	26.90 1.69 0.00	30.71 2.09 0.00	32.91 2.47 0.00	35.14 2.72 0.00	37.13 2.72 0.00	38.26 2.74 0.00	39.36 2.85 0.00	40.57 2.94 0.00	42.06 3.12 0.00	42.71 3.24 0.00	49.08 4.01 0.00	52.39 4.55 0.00	61.57 5.24 0.00	55.03 4.50 0.00	48.29 3.66 0.00	44.40 3.25 0.00	40.63 3.01 0.00	37.06 2.71 0.00	34.76 2.66 0.00
BAYONEEC___CTG5 323686	33.18 2.23 0.00	30.87 2.10 0.00	26.67 1.72 0.00	25.74 1.66 0.00	25.46 1.62 0.00	26.90 1.69 0.00	30.71 2.09 0.00	32.91 2.47 0.00	35.14 2.72 0.00	37.13 2.72 0.00	38.26 2.74 0.00	39.36 2.85 0.00	40.57 2.94 0.00	42.06 3.12 0.00	42.71 3.24 0.00	49.08 4.01 0.00	52.39 4.55 0.00	61.57 5.24 0.00	55.03 4.50 0.00	48.29 3.66 0.00	44.40 3.25 0.00	40.63 3.01 0.00	37.06 2.71 0.00	34.76 2.66 0.00
BAYONEEC___CTG6 323687	33.18 2.23 0.00	30.87 2.10 0.00	26.67 1.72 0.00	25.74 1.66 0.00	25.46 1.62 0.00	26.90 1.69 0.00	30.71 2.09 0.00	32.91 2.47 0.00	35.14 2.72 0.00	37.13 2.72 0.00	38.26 2.74 0.00	39.36 2.85 0.00	40.57 2.94 0.00	42.06 3.12 0.00	42.71 3.24 0.00	49.08 4.01 0.00	52.39 4.55 0.00	61.57 5.24 0.00	55.03 4.50 0.00	48.29 3.66 0.00	44.40 3.25 0.00	40.63 3.01 0.00	37.06 2.71 0.00	34.76 2.66 0.00

BAYONEEC___CTG7 323688	33.18 2.23 0.00	30.87 2.10 0.00	26.67 1.72 0.00	25.74 1.66 0.00	25.46 1.62 0.00	26.90 1.69 0.00	30.71 2.09 0.00	32.91 2.47 0.00	35.14 2.72 0.00	37.13 2.72 0.00	38.26 2.74 0.00	39.36 2.85 0.00	40.57 2.94 0.00	42.06 3.12 0.00	42.71 3.24 0.00	49.08 4.01 0.00	52.39 4.55 0.00	61.57 5.24 0.00	55.03 4.50 0.00	48.29 3.66 0.00	44.40 3.25 0.00	40.63 3.01 0.00	37.06 2.71 0.00	34.76 2.66 0.00
BAYONEEC___CTG8 323689	33.18 2.23 0.00	30.87 2.10 0.00	26.67 1.72 0.00	25.74 1.66 0.00	25.46 1.62 0.00	26.90 1.69 0.00	30.71 2.09 0.00	32.91 2.47 0.00	35.14 2.72 0.00	37.13 2.72 0.00	38.26 2.74 0.00	39.36 2.85 0.00	40.57 2.94 0.00	42.06 3.12 0.00	42.71 3.24 0.00	49.08 4.01 0.00	52.39 4.55 0.00	61.57 5.24 0.00	55.03 4.50 0.00	48.29 3.66 0.00	44.40 3.25 0.00	40.63 3.01 0.00	37.06 2.71 0.00	34.76 2.66 0.00
BAYONEEC___CTG9 323749	33.18 2.23 0.00	30.87 2.10 0.00	26.67 1.72 0.00	25.74 1.66 0.00	25.46 1.62 0.00	26.90 1.69 0.00	30.71 2.09 0.00	32.91 2.47 0.00	35.14 2.72 0.00	37.13 2.72 0.00	38.26 2.74 0.00	39.36 2.85 0.00	40.57 2.94 0.00	42.06 3.12 0.00	42.71 3.24 0.00	49.08 4.01 0.00	52.39 4.55 0.00	61.57 5.24 0.00	55.03 4.50 0.00	48.29 3.66 0.00	44.40 3.25 0.00	40.63 3.01 0.00	37.06 2.71 0.00	34.76 2.66 0.00
BEACON___LESR 323632	32.03 1.08 0.00	29.80 1.03 0.00	25.85 0.90 0.00	24.92 0.84 0.00	24.62 0.79 0.00	26.09 0.88 0.00	29.66 1.03 0.00	31.36 0.91 0.00	33.45 1.04 0.00	35.44 1.03 0.00	36.52 0.99 0.00	37.57 1.06 0.00	38.73 1.09 0.00	39.95 1.01 0.00	40.57 1.10 0.00	46.42 1.35 0.00	49.47 1.63 0.00	58.53 2.19 0.00	52.50 1.97 0.00	46.32 1.70 0.00	42.68 1.52 0.00	38.82 1.20 0.00	35.37 1.03 0.00	33.25 1.15 0.00
BEAVER RIVER___HYD 24048	30.36 -0.59 0.00	28.13 -0.63 0.00	24.35 -0.60 0.00	23.50 -0.58 0.00	23.31 -0.52 0.00	24.66 -0.55 0.00	28.14 -0.49 0.00	29.99 -0.46 0.00	31.77 -0.65 0.00	33.76 -0.65 0.00	34.82 -0.71 0.00	35.96 -0.55 0.00	36.99 -0.64 0.00	38.05 -0.89 0.00	38.56 -0.91 0.00	44.08 -0.99 0.00	46.65 -1.19 0.00	55.15 -1.19 0.00	49.72 -0.81 0.00	44.27 -0.36 0.00	40.87 -0.29 0.00	37.47 -0.15 0.00	33.97 -0.38 0.00	31.45 -0.64 0.00
BEEBEE_GT_13 23619	30.48 -0.46 0.00	28.16 -0.60 0.00	24.45 -0.50 0.00	23.55 -0.53 0.00	23.34 -0.50 0.00	24.88 -0.33 0.00	27.97 -0.66 0.00	29.65 -0.79 0.00	31.41 -1.00 0.00	34.03 -0.38 0.00	35.35 -0.18 0.00	36.65 0.15 0.00	38.05 0.41 0.00	39.68 0.74 0.00	40.05 0.59 0.01	45.03 -0.05 0.00	47.94 0.10 0.00	56.56 0.23 0.00	50.83 0.30 0.00	44.76 0.13 0.00	41.32 0.16 0.00	37.99 0.38 0.00	34.24 -0.10 0.00	31.77 -0.32 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.70 2.75 0.00	31.33 2.56 0.00	27.05 2.10 0.00	26.13 2.05 0.00	25.82 1.98 0.00	27.23 2.02 0.00	31.09 2.46 0.00	33.40 2.95 0.00	35.62 3.21 0.00	37.44 3.03 0.00	38.72 3.20 0.00	39.94 3.43 0.00	41.13 3.50 0.00	42.49 3.54 0.00	43.18 3.71 0.00	49.58 4.51 0.00	52.96 5.12 0.00	71.21 5.97 -8.91	55.74 5.20 0.00	48.87 4.24 0.00	44.90 3.75 0.00	40.93 3.31 0.00	37.55 3.19 -0.01	36.65 2.98 -1.57
BETHLEHEM___GRP 23843	31.44 0.50 0.00	29.29 0.52 0.00	25.43 0.47 0.00	24.51 0.43 0.00	24.29 0.45 0.00	25.64 0.43 0.00	29.11 0.49 0.00	30.87 0.43 0.00	32.87 0.45 0.00	34.82 0.41 0.00	35.88 0.36 0.00	36.91 0.40 0.00	38.05 0.41 0.00	39.25 0.31 0.00	39.90 0.43 0.00	45.61 0.54 0.00	48.56 0.72 0.00	57.35 1.01 0.00	51.39 0.86 0.00	45.34 0.71 0.00	41.81 0.66 0.00	38.11 0.49 0.00	34.72 0.38 0.00	32.58 0.48 0.00
BETHLEHEM___GS1 323560	31.44 0.49 0.00	29.29 0.52 0.00	25.43 0.47 0.00	24.51 0.43 0.00	24.24 0.40 0.00	25.64 0.43 0.00	29.11 0.49 0.00	30.81 0.37 0.00	32.87 0.45 0.00	34.79 0.38 0.00	35.84 0.32 0.00	36.87 0.37 0.00	38.01 0.38 0.00	39.25 0.31 0.00	39.86 0.39 0.00	45.62 0.54 0.00	48.56 0.72 0.00	57.29 0.96 0.00	51.39 0.86 0.00	45.34 0.71 0.00	41.81 0.66 0.00	38.07 0.45 0.00	34.72 0.38 0.00	32.64 0.55 0.00
BETHLEHEM___GS2 323561	31.44 0.49 0.00	29.29 0.52 0.00	25.43 0.47 0.00	24.51 0.43 0.00	24.24 0.40 0.00	25.64 0.43 0.00	29.11 0.49 0.00	30.81 0.37 0.00	32.87 0.45 0.00	34.79 0.38 0.00	35.84 0.32 0.00	36.87 0.37 0.00	38.01 0.38 0.00	39.25 0.31 0.00	39.86 0.39 0.00	45.62 0.54 0.00	48.56 0.72 0.00	57.29 0.96 0.00	51.39 0.86 0.00	45.34 0.71 0.00	41.81 0.66 0.00	38.07 0.45 0.00	34.72 0.38 0.00	32.64 0.55 0.00
BETHLEHEM___GS3 323562	31.44 0.49 0.00	29.29 0.52 0.00	25.43 0.47 0.00	24.51 0.43 0.00	24.24 0.40 0.00	25.64 0.43 0.00	29.11 0.49 0.00	30.81 0.37 0.00	32.87 0.45 0.00	34.79 0.38 0.00	35.84 0.32 0.00	36.87 0.37 0.00	38.01 0.38 0.00	39.25 0.31 0.00	39.86 0.39 0.00	45.62 0.54 0.00	48.56 0.72 0.00	57.29 0.96 0.00	51.39 0.86 0.00	45.34 0.71 0.00	41.81 0.66 0.00	38.07 0.45 0.00	34.72 0.38 0.00	32.64 0.55 0.00
BETHLEHEM___STEEL 23779	30.79 -0.15 0.00	28.34 -0.43 0.00	24.65 -0.30 0.00	23.72 -0.36 0.00	23.46 -0.38 0.00	25.16 -0.05 0.00	28.08 -0.54 0.00	29.72 -0.73 0.00	31.48 -0.94 0.00	34.31 -0.10 0.00	35.92 0.39 0.00	37.28 0.77 0.00	38.92 1.28 0.00	40.66 1.71 -0.01	40.50 0.95 -0.08	45.24 0.14 -0.04	48.67 0.81 -0.01	57.30 0.96 -0.01	51.54 1.01 0.00	45.39 0.76 0.00	41.69 0.54 0.00	38.67 1.05 0.00	34.69 0.34 0.00	32.25 0.16 0.00
BETHLHEM_115KV_TB1 79974	31.53 0.59 0.00	29.34 0.58 0.00	25.48 0.52 0.00	24.56 0.48 0.00	24.34 0.50 0.00	25.69 0.48 0.00	29.17 0.54 0.00	30.96 0.52 0.00	32.97 0.55 0.00	34.89 0.48 0.00	35.95 0.43 0.00	37.02 0.51 0.00	38.16 0.53 0.00	39.37 0.43 0.00	40.02 0.55 0.00	45.75 0.68 0.00	48.71 0.86 0.00	57.46 1.13 0.00	51.54 1.01 0.00	45.47 0.85 0.00	41.94 0.78 0.00	38.22 0.60 0.00	34.83 0.48 0.00	32.67 0.58 0.00
BETHPAGE_CC_5 323564	36.72 2.66 -3.11	35.60 2.50 -4.33	32.72 2.12 -5.65	29.88 2.05 -3.75	28.74 2.00 -2.90	30.05 2.09 -2.75	31.09 2.46 0.00	34.75 2.80 -1.51	36.05 3.08 -0.56	37.17 2.75 0.00	38.26 2.74 0.00	39.61 3.10 0.00	40.68 3.05 0.00	42.57 3.62 0.00	49.14 3.75 -5.92	49.59 4.51 -0.01	57.29 5.17 -4.28	68.30 6.03 -5.94	59.70 5.21 -3.96	48.69 4.06 0.00	44.57 3.41 0.00	40.97 3.35 0.00	37.19 2.85 0.00	35.08 2.99 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.88 -0.06 0.00	28.39 -0.37 0.00	24.70 -0.25 0.00	23.77 -0.31 0.00	23.51 -0.33 0.00	25.24 0.03 0.00	28.17 -0.46 0.00	29.81 -0.64 0.00	31.58 -0.84 0.00	34.41 0.00 0.00	36.06 0.53 0.00	37.46 0.95 0.00	39.11 1.47 0.00	40.82 1.87 -0.01	40.61 1.07 -0.08	45.42 0.32 -0.03	48.86 1.00 -0.01	57.58 1.24 -0.01	51.80 1.26 0.00	45.57 0.94 0.00	41.86 0.70 0.00	38.82 1.20 0.00	34.83 0.48 0.00	32.35 0.26 0.00

BINGHAMTON___COGEN 23790	31.13 0.19 0.00	28.83 0.06 0.00	25.03 0.07 0.00	24.13 0.05 0.00	23.89 0.05 0.00	25.41 0.20 0.00	28.71 0.09 0.00	30.54 0.09 0.00	32.45 0.03 0.00	34.76 0.34 0.00	36.06 0.53 0.00	37.27 0.77 0.00	38.61 0.98 0.00	40.07 1.13 0.00	40.38 0.91 -0.01	45.89 0.81 0.00	49.04 1.20 0.00	57.80 1.46 0.00	51.89 1.36 0.00	45.74 1.12 0.00	42.10 0.95 0.00	38.56 0.94 0.00	34.96 0.62 0.00	32.45 0.35 0.00
BIXINCNT_115KV_LOAD 355685	31.07 0.12 0.00	28.60 -0.17 0.00	24.88 -0.07 0.00	23.91 -0.17 0.00	23.70 -0.14 0.00	25.46 0.25 0.00	28.45 -0.17 0.00	30.24 -0.21 0.00	32.03 -0.39 0.00	34.83 0.41 0.00	36.52 0.99 0.00	37.93 1.42 0.00	39.59 1.96 0.00	41.21 2.26 -0.01	40.83 1.30 -0.06	45.82 0.72 -0.03	49.33 1.48 -0.01	58.14 1.80 -0.01	52.30 1.77 0.00	46.06 1.43 0.00	42.27 1.11 0.00	39.16 1.54 0.00	35.21 0.86 0.00	32.61 0.51 0.00
BLACK RIVER___HYD 24047	30.39 -0.56 0.00	28.13 -0.63 0.00	24.35 -0.60 0.00	23.50 -0.58 0.00	23.34 -0.50 0.00	24.71 -0.50 0.00	28.17 -0.46 0.00	30.02 -0.43 0.00	31.73 -0.68 0.00	33.83 -0.59 0.00	34.82 -0.71 0.00	36.11 -0.40 0.00	37.11 -0.53 0.00	37.97 -0.97 0.00	38.48 -0.99 0.00	43.99 -1.08 0.00	46.65 -1.19 0.00	55.32 -1.01 0.00	50.02 -0.51 0.00	44.67 0.04 0.00	41.24 0.08 0.00	37.73 0.11 0.00	34.17 -0.17 0.00	31.55 -0.55 0.00
BLACKRVR_115KV_TB2 79977	30.39 -0.56 0.00	28.13 -0.63 0.00	24.35 -0.60 0.00	23.50 -0.58 0.00	23.31 -0.52 0.00	24.71 -0.50 0.00	28.17 -0.46 0.00	29.99 -0.46 0.00	31.70 -0.71 0.00	33.79 -0.62 0.00	34.78 -0.75 0.00	36.03 -0.47 0.00	36.96 -0.68 0.00	38.05 -0.90 0.00	38.48 -0.99 0.00	43.95 -1.13 0.00	46.60 -1.24 0.00	55.32 -1.01 0.00	49.97 -0.56 0.00	44.63 0.00 0.00	41.20 0.04 0.00	37.73 0.11 0.00	34.17 -0.17 0.00	31.55 -0.55 0.00
BLISS_WT_PWR 323608	31.16 0.22 0.00	28.65 -0.11 0.00	24.93 -0.02 0.00	24.01 -0.07 0.00	23.77 -0.07 0.00	25.54 0.33 0.00	28.51 -0.11 0.00	30.48 0.03 0.00	32.16 -0.26 0.00	34.96 0.55 0.00	36.84 1.32 0.00	38.59 2.08 0.00	39.82 2.18 0.00	41.36 2.42 -0.01	41.31 1.78 -0.06	45.65 0.54 -0.03	49.62 1.77 -0.01	58.20 1.86 -0.01	52.56 2.02 0.00	46.19 1.56 0.00	42.43 1.28 0.00	39.27 1.65 0.00	35.21 0.86 0.00	32.45 0.35 0.00
BLUESTONE___WT_PWR 323821	32.31 1.36 0.00	29.86 1.09 0.00	25.88 0.92 0.00	24.92 0.84 0.00	24.70 0.86 0.00	26.24 1.03 0.00	29.80 1.17 0.00	31.82 1.37 0.00	33.71 1.30 0.00	36.10 1.69 0.00	37.44 1.92 0.00	38.92 2.41 0.00	40.16 2.52 0.00	41.47 2.53 0.00	42.35 2.88 0.00	48.23 3.15 0.00	51.67 3.83 0.00	61.07 4.73 0.00	54.92 4.39 0.00	48.46 3.84 0.00	44.61 3.46 0.00	40.70 3.09 0.00	36.75 2.40 0.00	33.89 1.80 0.00
BLUE_CIRC_CHEM_DRP 24182	31.87 0.93 0.00	29.69 0.92 0.00	25.78 0.82 0.00	24.85 0.77 0.00	24.58 0.74 0.00	25.99 0.78 0.00	29.48 0.86 0.00	31.24 0.79 0.00	33.23 0.81 0.00	35.17 0.76 0.00	36.20 0.67 0.00	37.24 0.73 0.00	38.35 0.72 0.00	39.60 0.66 0.00	40.18 0.71 0.00	45.93 0.86 0.00	48.95 1.10 0.00	57.86 1.52 0.00	51.95 1.41 0.00	45.92 1.29 0.00	42.35 1.19 0.00	38.63 1.02 0.00	35.20 0.86 0.00	32.99 0.90 0.00
BOC_GAS_DRP 24189	31.66 0.71 0.00	29.46 0.69 0.00	25.58 0.62 0.00	24.68 0.60 0.00	24.43 0.60 0.00	25.82 0.61 0.00	29.31 0.69 0.00	31.12 0.67 0.00	33.16 0.75 0.00	35.10 0.69 0.00	36.20 0.67 0.00	37.27 0.77 0.00	38.39 0.75 0.00	39.68 0.74 0.00	40.30 0.83 0.00	46.07 0.99 0.00	49.04 1.20 0.00	57.80 1.46 0.00	51.79 1.26 0.00	45.70 1.07 0.00	42.14 0.99 0.00	38.41 0.79 0.00	35.03 0.69 0.00	32.83 0.74 0.00
BOONVILLE_115KV_TB1 79983	31.38 0.43 0.00	29.08 0.32 0.00	25.20 0.25 0.00	24.27 0.19 0.00	24.05 0.21 0.00	25.49 0.28 0.00	29.00 0.37 0.00	30.90 0.46 0.00	32.80 0.39 0.00	34.89 0.48 0.00	36.06 0.53 0.00	37.24 0.73 0.00	38.39 0.75 0.00	39.64 0.70 0.00	40.10 0.63 0.00	45.88 0.81 0.00	48.80 0.96 0.00	57.69 1.35 0.00	51.84 1.31 0.00	45.88 1.25 0.00	42.27 1.11 0.00	38.63 1.02 0.00	35.07 0.72 0.00	32.51 0.42 0.00
BORALEX_4TH_BRANCH 23824	32.59 1.64 0.00	30.35 1.58 0.00	26.40 1.45 0.00	25.48 1.40 0.00	25.20 1.36 0.00	26.65 1.44 0.00	30.26 1.63 0.00	31.97 1.52 0.00	34.07 1.65 0.00	35.96 1.55 0.00	37.02 1.49 0.00	38.11 1.61 0.00	39.18 1.54 0.00	40.34 1.40 0.00	40.97 1.50 0.00	46.79 1.71 0.00	49.90 2.06 0.00	58.81 2.48 0.00	52.80 2.27 0.00	46.63 2.01 0.00	43.05 1.89 0.00	39.31 1.69 0.00	35.89 1.55 0.00	33.76 1.67 0.00
BOWLINE___1 23526	32.65 1.70 0.00	30.41 1.64 0.00	26.37 1.42 0.00	25.45 1.37 0.00	25.17 1.33 0.00	26.62 1.41 0.00	30.26 1.63 0.00	32.27 1.83 0.00	34.46 2.04 0.00	36.37 1.96 0.00	37.55 2.02 0.00	38.66 2.15 0.00	39.89 2.26 0.00	41.36 2.42 0.00	42.03 2.56 0.00	48.27 3.20 0.00	51.53 3.68 0.00	60.61 4.28 0.00	54.22 3.69 0.00	47.62 2.99 0.00	43.75 2.59 0.00	39.95 2.33 0.00	36.44 2.10 0.00	34.15 2.06 0.00
BOWLINE___2 23595	32.68 1.73 0.00	30.44 1.67 0.00	26.40 1.45 0.00	25.45 1.37 0.00	25.20 1.36 0.00	26.62 1.41 0.00	30.29 1.66 0.00	32.33 1.89 0.00	34.52 2.11 0.00	36.44 2.03 0.00	37.62 2.10 0.00	38.73 2.23 0.00	39.97 2.33 0.00	41.44 2.49 0.00	42.11 2.64 0.00	48.36 3.29 0.00	51.62 3.78 0.00	60.67 4.34 0.00	54.27 3.74 0.00	47.70 3.08 0.00	43.83 2.67 0.00	40.03 2.41 0.00	36.51 2.17 0.00	34.21 2.12 0.00
BRADY___115KV_TB2 356060	30.48 -0.46 0.00	28.39 -0.37 0.00	24.58 -0.37 0.00	23.72 -0.36 0.00	23.53 -0.31 0.00	24.81 -0.40 0.00	28.34 -0.29 0.00	30.17 -0.27 0.00	32.06 -0.36 0.00	33.93 -0.48 0.00	34.96 -0.57 0.00	35.74 -0.77 0.00	36.81 -0.83 0.00	38.01 -0.93 0.00	38.48 -0.99 0.00	43.95 -1.13 0.00	45.55 -2.30 0.00	53.62 -2.70 0.01	48.15 -2.37 0.01	42.97 -1.65 0.00	39.92 -1.23 0.00	36.98 -0.64 0.00	33.80 -0.55 0.00	31.52 -0.58 0.00
BRANSCOMB___SOLAR 323811	32.80 1.86 0.00	30.58 1.81 0.00	26.53 1.57 0.00	25.55 1.47 0.00	25.25 1.41 0.00	26.75 1.54 0.00	30.40 1.78 0.00	32.09 1.64 0.00	34.23 1.81 0.00	36.34 1.93 0.00	37.30 1.78 0.00	38.33 1.82 0.00	39.48 1.84 0.00	40.70 1.75 0.00	41.28 1.82 0.00	47.24 2.16 0.00	50.33 2.49 0.00	59.77 3.44 0.00	53.86 3.33 0.00	47.57 2.94 0.00	44.03 2.88 0.00	40.03 2.41 0.00	36.37 2.03 0.00	34.08 1.99 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.12 3.06 -3.11	36.01 2.91 -4.33	33.05 2.45 -5.65	30.24 2.41 -3.75	29.10 2.36 -2.90	30.45 2.50 -2.75	31.52 2.89 0.00	35.21 3.26 -1.51	36.51 3.53 -0.56	37.75 3.34 0.00	38.58 3.02 -0.03	39.97 3.43 -0.03	41.13 3.46 -0.03	43.03 4.05 -0.03	49.34 3.95 -5.92	49.82 4.73 -0.01	57.33 5.60 -3.89	68.30 6.03 -5.94	59.75 5.26 -3.96	48.95 4.33 0.00	44.90 3.75 0.00	41.11 3.46 -0.03	37.06 2.71 0.00	35.08 2.98 0.00

BRISTLHL_115KV_TB1 79998	29.99 -0.96 0.00	27.82 -0.95 0.00	24.15 -0.80 0.00	23.31 -0.77 0.00	23.10 -0.74 0.00	24.48 -0.73 0.00	27.68 -0.94 0.00	29.44 -1.00 0.00	31.25 -1.17 0.00	33.41 -1.00 0.00	34.53 -0.99 0.00	35.70 -0.80 0.00	36.84 -0.79 0.00	38.20 -0.74 0.00	38.64 -0.83 0.00	43.90 -1.17 0.00	46.89 -0.96 0.00	55.26 -1.07 0.00	49.62 -0.91 0.00	43.73 -0.89 0.00	40.29 -0.86 0.00	36.83 -0.79 0.00	33.52 -0.82 0.00	31.16 -0.93 0.00
BROOKHAVEN___DRP 24191	36.81 2.75 -3.11	35.72 2.62 -4.33	32.82 2.22 -5.65	30.07 2.24 -3.75	28.93 2.19 -2.90	30.28 2.32 -2.75	31.35 2.72 0.00	34.82 2.86 -1.51	36.12 3.14 -0.56	37.44 3.03 0.00	38.30 2.77 0.00	39.69 3.18 0.00	40.80 3.16 0.00	42.72 3.78 0.00	49.18 3.79 -5.92	49.68 4.60 -0.01	57.11 5.45 -3.82	68.58 6.31 -5.94	60.00 5.51 -3.96	48.82 4.19 0.00	44.82 3.66 0.00	40.78 3.16 0.00	36.82 2.47 0.00	34.85 2.76 0.00
BROOKLYN_NAVY_YARD 23515	33.18 2.23 0.00	30.87 2.10 0.00	26.65 1.70 0.00	25.72 1.64 0.00	25.44 1.60 0.00	26.90 1.69 0.00	30.71 2.09 0.00	32.94 2.50 0.00	35.17 2.75 0.00	37.13 2.72 0.00	38.30 2.77 0.00	39.39 2.88 0.00	40.65 3.01 0.00	42.14 3.19 0.00	42.78 3.32 0.00	49.17 4.10 0.00	52.48 4.64 0.00	61.69 5.35 0.00	55.13 4.60 0.00	48.42 3.79 0.00	44.49 3.33 0.00	40.66 3.05 0.00	37.06 2.71 0.00	34.79 2.70 0.00
BROOKLYN___ARMY_DRP 323595	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
BROOKVLE_69_KV_TB1 55790	36.99 2.94 -3.11	35.80 2.70 -4.33	32.87 2.27 -5.65	30.02 2.19 -3.75	28.89 2.15 -2.90	30.23 2.27 -2.75	31.29 2.66 0.00	35.06 3.11 -1.51	36.41 3.44 -0.56	37.82 3.41 0.00	38.97 3.45 0.00	40.38 3.87 0.00	41.32 3.69 0.00	43.19 4.24 0.00	49.81 4.42 -5.92	50.31 5.23 -0.01	59.69 5.88 -5.96	69.09 6.82 -5.94	60.45 5.96 -3.96	49.27 4.64 0.00	45.10 3.95 0.00	41.15 3.54 0.00	37.44 3.09 0.00	35.27 3.18 0.00
BROOME_2_LFGE 323671	31.16 0.22 0.00	28.85 0.09 0.00	25.03 0.08 0.00	24.13 0.05 0.00	23.91 0.07 0.00	25.41 0.20 0.00	28.71 0.09 0.00	30.60 0.15 0.00	32.48 0.06 0.00	34.79 0.38 0.00	36.13 0.60 0.00	37.46 0.95 0.00	38.65 1.02 0.00	40.11 1.17 0.00	40.46 0.99 -0.01	45.84 0.77 0.00	49.09 1.24 0.00	57.80 1.46 0.00	51.94 1.41 0.00	45.78 1.16 0.00	42.14 0.99 0.00	38.59 0.98 0.00	34.96 0.62 0.00	32.41 0.32 0.00
BROOME___LFGE 323600	31.16 0.22 0.00	28.85 0.09 0.00	25.03 0.08 0.00	24.13 0.05 0.00	23.91 0.07 0.00	25.41 0.20 0.00	28.71 0.09 0.00	30.60 0.15 0.00	32.48 0.06 0.00	34.79 0.38 0.00	36.13 0.60 0.00	37.46 0.95 0.00	38.65 1.02 0.00	40.11 1.17 0.00	40.46 0.99 -0.01	45.84 0.77 0.00	49.09 1.24 0.00	57.80 1.46 0.00	51.94 1.41 0.00	45.78 1.16 0.00	42.14 0.99 0.00	38.59 0.98 0.00	34.96 0.62 0.00	32.41 0.32 0.00
BROWNFLS_115KV_TB_3_5 80003	29.96 -0.99 0.00	27.82 -0.95 0.00	24.08 -0.87 0.00	23.24 -0.84 0.00	23.05 -0.79 0.00	24.35 -0.86 0.00	27.80 -0.83 0.00	29.62 -0.82 0.00	31.44 -0.97 0.00	33.38 -1.03 0.00	34.39 -1.14 0.00	35.38 -1.13 0.00	36.35 -1.28 0.00	37.54 -1.40 0.00	38.01 -1.46 0.00	43.41 -1.67 0.00	45.45 -2.39 0.00	53.68 -2.65 0.01	48.25 -2.27 0.00	43.02 -1.61 0.00	39.84 -1.32 0.00	36.68 -0.94 0.00	33.38 -0.96 0.00	30.97 -1.12 0.00
BROWNSV1_27_KV_LOAD 356125	33.51 2.57 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.01 1.93 0.00	25.70 1.86 0.00	27.15 1.94 0.00	31.00 2.38 0.00	33.28 2.83 0.00	35.53 3.11 0.00	37.51 3.10 0.00	38.72 3.20 0.00	39.98 3.47 0.00	41.17 3.54 0.00	42.60 3.66 0.00	43.26 3.79 0.00	49.72 4.64 0.00	53.06 5.22 0.00	62.42 6.08 0.00	55.84 5.31 0.00	48.95 4.33 0.00	44.98 3.83 0.00	41.08 3.46 0.00	37.44 3.09 0.00	35.14 3.05 0.00
BURROWS___LYONSDAL 23803	31.16 0.22 0.00	28.91 0.14 0.00	25.03 0.07 0.00	24.13 0.05 0.00	23.91 0.07 0.00	25.31 0.10 0.00	28.86 0.23 0.00	30.72 0.27 0.00	32.61 0.19 0.00	34.69 0.28 0.00	35.81 0.28 0.00	36.98 0.47 0.00	38.09 0.45 0.00	39.37 0.43 0.00	39.82 0.36 0.00	45.52 0.45 0.00	48.42 0.57 0.00	57.18 0.85 0.00	51.44 0.91 0.00	45.56 0.94 0.00	42.02 0.86 0.00	38.41 0.79 0.00	34.86 0.52 0.00	32.32 0.22 0.00
CAITHNESS_CC_1 323624	36.75 2.69 -3.11	35.69 2.59 -4.33	32.80 2.20 -5.65	30.00 2.17 -3.75	28.89 2.15 -2.90	30.23 2.27 -2.75	31.29 2.66 0.00	34.79 2.83 -1.51	36.05 3.08 -0.56	37.10 2.69 0.00	38.05 2.52 0.00	39.43 2.92 0.00	40.61 2.97 0.00	42.57 3.62 0.00	49.06 3.67 -5.92	49.51 4.42 -0.01	56.98 5.31 -3.82	68.36 6.09 -5.94	59.75 5.25 -3.96	48.64 4.02 0.00	44.65 3.50 0.00	41.08 3.46 0.00	37.13 2.78 0.00	35.11 3.02 0.00
CALPINE BETH_PAGE_GT4 24209	36.75 2.69 -3.11	35.63 2.53 -4.33	32.72 2.12 -5.65	29.90 2.07 -3.75	28.74 2.00 -2.90	30.08 2.12 -2.75	31.12 2.49 0.00	34.82 2.86 -1.51	36.12 3.14 -0.56	37.44 3.03 0.00	38.48 2.95 0.00	39.83 3.32 0.00	40.80 3.16 0.00	42.64 3.70 0.00	49.22 3.83 -5.92	49.68 4.60 -0.01	57.53 5.22 -4.47	68.35 6.08 -5.94	59.80 5.31 -3.96	48.73 4.11 0.00	44.65 3.50 0.00	40.74 3.12 0.00	37.02 2.68 0.00	34.92 2.82 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.75 2.69 -3.11	35.60 2.50 -4.33	32.72 2.12 -5.65	29.88 2.05 -3.75	28.74 2.00 -2.90	30.08 2.12 -2.75	31.12 2.49 0.00	34.79 2.83 -1.51	36.09 3.11 -0.56	37.23 2.82 0.00	38.33 2.81 0.00	39.72 3.21 0.00	40.72 3.09 0.00	42.60 3.66 0.00	49.18 3.79 -5.92	49.64 4.55 -0.01	57.53 5.22 -4.47	68.30 6.03 -5.94	59.70 5.21 -3.96	48.73 4.10 0.00	44.61 3.46 0.00	40.97 3.35 0.00	37.26 2.92 0.00	35.14 3.05 0.00
CALPINE_BP_GT1 23823	36.75 2.69 -3.11	35.60 2.50 -4.33	32.72 2.12 -5.65	29.88 2.05 -3.75	28.74 2.00 -2.90	30.08 2.12 -2.75	31.12 2.49 0.00	34.79 2.83 -1.51	36.09 3.11 -0.56	37.23 2.82 0.00	38.33 2.81 0.00	39.72 3.21 0.00	40.72 3.09 0.00	42.60 3.66 0.00	49.18 3.79 -5.92	49.64 4.55 -0.01	57.53 5.22 -4.47	68.30 6.03 -5.94	59.70 5.21 -3.96	48.73 4.10 0.00	44.61 3.46 0.00	40.97 3.35 0.00	37.26 2.92 0.00	35.14 3.05 0.00
CALSPAN___DRP 24200	30.79 -0.15 0.00	28.34 -0.43 0.00	24.65 -0.30 0.00	23.72 -0.36 0.00	23.46 -0.38 0.00	25.16 -0.05 0.00	28.08 -0.54 0.00	29.72 -0.73 0.00	31.48 -0.94 0.00	34.31 -0.10 0.00	35.92 0.39 0.00	37.28 0.77 0.00	38.92 1.28 0.00	40.66 1.71 -0.01	40.50 0.95 -0.08	45.24 0.14 -0.04	48.67 0.81 -0.01	57.30 0.96 -0.01	51.54 1.01 0.00	45.39 0.76 0.00	41.69 0.54 0.00	38.67 1.05 0.00	34.69 0.34 0.00	32.25 0.16 0.00

CALVERTON___SOLAR 323806	36.90 2.85 -3.11	35.80 2.70 -4.33	32.92 2.32 -5.65	30.14 2.31 -3.75	29.01 2.27 -2.90	30.36 2.40 -2.75	31.43 2.81 0.00	34.88 2.92 -1.51	36.18 3.21 -0.56	37.27 2.85 0.00	38.30 2.77 0.00	39.73 3.21 0.00	40.91 3.27 0.00	42.88 3.93 0.00	49.37 3.98 -5.92	49.91 4.83 -0.01	57.41 5.74 -3.82	68.91 6.64 -5.94	60.25 5.76 -3.96	49.04 4.42 0.00	45.02 3.87 0.00	41.38 3.76 0.00	37.30 2.95 0.00	35.27 3.18 0.00
CANDIGU_WT_PWR 323617	31.13 0.19 0.00	28.71 -0.06 0.00	24.95 0.00 0.00	24.03 -0.05 0.00	23.77 -0.07 0.00	25.46 0.25 0.00	28.57 -0.06 0.00	30.42 -0.03 0.00	32.16 -0.26 0.00	34.79 0.38 0.00	36.31 0.78 0.00	37.93 1.42 0.00	39.14 1.51 0.00	40.70 1.75 0.00	40.84 1.34 -0.03	45.72 0.63 -0.01	49.24 1.39 0.00	57.97 1.63 0.00	52.25 1.72 0.00	46.01 1.38 0.00	42.31 1.15 0.00	38.97 1.35 0.00	35.00 0.65 0.00	32.32 0.23 0.00
CARR STREET_E_SYR 24060	30.29 -0.65 0.00	28.08 -0.69 0.00	24.38 -0.57 0.00	23.55 -0.53 0.00	23.31 -0.52 0.00	24.71 -0.50 0.00	27.97 -0.66 0.00	29.78 -0.67 0.00	31.61 -0.81 0.00	33.83 -0.59 0.00	34.96 -0.57 0.00	36.18 -0.33 0.00	37.33 -0.30 0.00	38.71 -0.23 0.00	39.15 -0.32 0.00	44.49 -0.59 0.00	47.41 -0.43 0.00	55.88 -0.45 0.00	50.12 -0.41 0.00	44.18 -0.45 0.00	40.66 -0.49 0.00	37.20 -0.41 0.00	33.86 -0.48 0.00	31.45 -0.64 0.00
CARTHAGE___PAPER 23857	30.33 -0.62 0.00	28.11 -0.66 0.00	24.33 -0.62 0.00	23.45 -0.63 0.00	23.29 -0.55 0.00	24.66 -0.55 0.00	28.11 -0.51 0.00	29.96 -0.49 0.00	31.70 -0.71 0.00	33.72 -0.69 0.00	34.71 -0.82 0.00	35.89 -0.62 0.00	36.92 -0.72 0.00	37.89 -1.05 0.00	38.40 -1.06 0.00	43.90 -1.17 0.00	46.51 -1.34 0.00	55.09 -1.24 0.00	49.77 -0.76 0.00	44.36 -0.27 0.00	40.99 -0.16 0.00	37.54 -0.08 0.00	34.03 -0.31 0.00	31.45 -0.64 0.00
CASSADAGA_WT_PWR 323784	31.84 0.90 0.00	29.20 0.43 0.00	25.38 0.42 0.00	24.39 0.31 0.00	23.98 0.14 0.00	25.71 0.50 0.00	28.85 0.23 0.00	31.18 0.73 0.00	32.81 0.39 0.00	35.72 1.31 0.00	37.73 2.20 0.00	39.39 2.88 0.00	40.68 3.05 0.00	42.30 3.35 -0.01	42.26 2.72 -0.07	46.73 1.62 -0.03	50.63 2.77 -0.01	59.32 2.98 -0.01	53.62 3.08 0.00	47.08 2.45 0.00	43.21 2.06 0.00	40.25 2.63 0.00	36.00 1.65 0.00	33.15 1.06 0.00
CE_DUNWOOD___DRP 24194	32.99 2.04 0.00	30.70 1.93 0.00	26.55 1.60 0.00	25.65 1.57 0.00	25.36 1.53 0.00	26.80 1.59 0.00	30.54 1.92 0.00	32.67 2.22 0.00	34.88 2.46 0.00	36.82 2.41 0.00	38.01 2.49 0.00	39.21 2.70 0.00	40.38 2.75 0.00	41.82 2.88 0.00	42.51 3.04 0.00	48.77 3.70 0.00	52.10 4.26 0.00	61.24 4.90 0.00	54.83 4.30 0.00	48.11 3.48 0.00	44.20 3.05 0.00	40.33 2.71 0.00	36.75 2.40 0.00	34.50 2.41 0.00
CE_MILLWOOD___DRP 24193	32.93 1.98 0.00	30.64 1.87 0.00	26.50 1.55 0.00	25.60 1.52 0.00	25.29 1.45 0.00	26.75 1.54 0.00	30.46 1.83 0.00	32.58 2.13 0.00	34.78 2.37 0.00	36.72 2.31 0.00	37.91 2.38 0.00	39.10 2.59 0.00	40.27 2.63 0.00	41.71 2.76 0.00	42.39 2.92 0.00	48.63 3.56 0.00	51.96 4.11 0.00	61.07 4.73 0.00	54.67 4.14 0.00	47.97 3.35 0.00	44.08 2.92 0.00	40.21 2.60 0.00	36.65 2.30 0.00	34.40 2.31 0.00
CE_NYC2_DRP 24202	33.39 2.44 0.00	31.04 2.27 0.00	26.82 1.87 0.00	25.91 1.83 0.00	25.60 1.76 0.00	27.03 1.82 0.00	30.86 2.23 0.00	33.13 2.68 0.00	35.30 2.88 0.00	37.20 2.79 0.00	38.40 2.88 0.00	39.61 3.10 0.00	40.76 3.12 0.00	42.06 3.12 0.00	42.70 3.24 0.00	48.95 3.88 0.00	52.29 4.45 0.00	61.46 5.13 0.00	54.98 4.45 0.00	48.20 3.57 0.00	44.36 3.21 0.00	40.51 2.90 0.00	37.13 2.78 0.00	34.98 2.66 -0.22
CE_NYC_DRP 24195	33.27 2.32 0.00	30.93 2.16 0.00	26.72 1.77 0.00	25.81 1.73 0.00	25.51 1.67 0.00	26.95 1.74 0.00	30.77 2.15 0.00	33.00 2.56 0.00	35.24 2.82 0.00	37.20 2.79 0.00	38.40 2.88 0.00	39.61 3.10 0.00	40.80 3.16 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.58 4.74 0.00	61.80 5.46 0.00	55.28 4.75 0.00	48.46 3.84 0.00	44.53 3.37 0.00	40.70 3.08 0.00	37.09 2.75 0.00	34.82 2.73 0.00
CHAFFEE___LFGE 323603	30.98 0.03 0.00	28.45 -0.32 0.00	24.78 -0.17 0.00	23.86 -0.22 0.00	23.60 -0.24 0.00	25.31 0.10 0.00	28.25 -0.37 0.00	30.12 -0.33 0.00	31.71 -0.71 0.00	34.59 0.17 0.00	36.38 0.85 0.00	38.16 1.64 0.00	39.41 1.77 0.00	41.05 2.10 -0.01	41.12 1.58 -0.07	45.51 0.40 -0.03	49.29 1.43 -0.01	57.75 1.41 -0.01	52.20 1.67 0.00	45.83 1.21 0.00	42.10 0.95 0.00	39.01 1.39 0.00	34.86 0.52 0.00	32.22 0.13 0.00
CHATEAUG_35_KV_LOAD 355732	30.91 -0.03 0.00	28.80 0.03 0.00	24.95 0.00 0.00	24.10 0.02 0.00	23.91 0.07 0.00	25.21 0.00 0.00	28.80 0.17 0.00	30.69 0.24 0.00	32.67 0.26 0.00	34.62 0.21 0.00	35.70 0.18 0.00	36.47 -0.04 0.00	37.52 -0.11 0.00	38.94 0.00 0.00	39.47 0.00 0.00	44.98 -0.09 0.00	46.31 -1.53 0.00	54.13 -2.20 0.01	48.45 -2.07 0.01	43.55 -1.07 0.00	40.78 -0.37 0.00	37.28 -0.34 0.00	33.97 -0.38 0.00	31.71 -0.39 0.00
CHATEAUG_WT_PWR 323614	31.78 0.84 0.00	29.63 0.86 0.00	25.68 0.72 0.00	24.78 0.70 0.00	24.60 0.76 0.00	25.94 0.73 0.00	29.69 1.06 0.00	31.67 1.22 0.00	33.71 1.30 0.00	35.69 1.27 0.00	36.88 1.35 0.00	37.68 1.17 0.00	38.80 1.17 0.00	40.30 1.36 0.00	40.81 1.34 0.00	46.42 1.35 0.00	47.13 -0.72 0.00	54.52 -1.80 0.01	48.75 -1.77 0.01	44.40 -0.22 0.00	42.10 0.95 0.00	38.52 0.90 0.00	35.00 0.65 0.00	32.64 0.55 0.00
CHAT_HIGH_FALL_HYD 323578	30.91 -0.03 0.00	28.80 0.03 0.00	24.95 0.00 0.00	24.10 0.02 0.00	23.91 0.07 0.00	25.21 0.00 0.00	28.80 0.17 0.00	30.69 0.24 0.00	32.67 0.26 0.00	34.62 0.21 0.00	35.70 0.18 0.00	36.47 -0.04 0.00	37.52 -0.11 0.00	38.94 0.00 0.00	39.47 0.00 0.00	44.98 -0.09 0.00	46.31 -1.53 0.00	54.13 -2.20 0.01	48.45 -2.07 0.01	43.55 -1.07 0.00	40.78 -0.37 0.00	37.28 -0.34 0.00	33.97 -0.38 0.00	31.71 -0.39 0.00
CHAUTAUQUA___LFGE 323629	31.44 0.49 0.00	28.88 0.12 0.00	25.13 0.18 0.00	24.15 0.07 0.00	23.84 0.00 0.00	25.59 0.38 0.00	28.60 -0.03 0.00	30.69 0.24 0.00	32.35 -0.06 0.00	35.24 0.82 0.00	37.13 1.60 0.00	38.88 2.37 0.00	40.12 2.48 0.00	41.79 2.84 -0.01	41.80 2.25 -0.08	46.33 1.22 -0.04	50.10 2.25 -0.01	58.71 2.37 -0.01	53.01 2.48 0.00	46.55 1.92 0.00	42.76 1.60 0.00	39.72 2.11 0.00	35.52 1.17 0.00	32.74 0.64 0.00
CHERRYST_13_KV_LD 356241	33.36 2.41 0.00	31.04 2.27 0.00	26.80 1.85 0.00	25.89 1.81 0.00	25.58 1.74 0.00	27.05 1.84 0.00	30.89 2.26 0.00	33.16 2.71 0.00	35.40 2.98 0.00	37.41 2.99 0.00	38.58 3.06 0.00	39.83 3.32 0.00	41.02 3.39 0.00	42.45 3.50 0.00	43.10 3.63 0.00	49.54 4.46 0.00	52.87 5.02 0.00	62.14 5.80 0.00	55.53 5.00 0.00	48.69 4.06 0.00	44.73 3.58 0.00	40.85 3.24 0.00	37.23 2.88 0.00	34.95 2.86 0.00

CHESTROR_138KV_BK263 355645	32.49 1.55 0.00	30.23 1.47 0.00	26.20 1.25 0.00	25.28 1.20 0.00	25.01 1.17 0.00	26.42 1.21 0.00	30.06 1.43 0.00	32.06 1.61 0.00	34.20 1.78 0.00	36.17 1.75 0.00	37.34 1.81 0.00	38.48 1.97 0.00	39.67 2.03 0.00	41.05 2.10 0.00	41.72 2.25 0.00	47.87 2.79 0.00	51.10 3.25 0.00	60.11 3.77 0.00	53.87 3.34 0.00	47.30 2.68 0.00	43.50 2.35 0.00	39.69 2.07 0.00	36.20 1.85 0.00	33.92 1.83 0.00
CH_MIDHUDSON___DRP 24192	32.80 1.86 0.00	30.52 1.75 0.00	26.42 1.47 0.00	25.53 1.44 0.00	25.25 1.41 0.00	26.65 1.44 0.00	30.34 1.72 0.00	32.36 1.92 0.00	34.55 2.14 0.00	36.48 2.06 0.00	37.62 2.10 0.00	38.77 2.26 0.00	39.97 2.33 0.00	41.36 2.41 0.00	42.07 2.60 0.00	48.23 3.16 0.00	51.48 3.64 0.00	60.56 4.23 0.00	54.27 3.74 0.00	47.71 3.08 0.00	43.83 2.68 0.00	39.91 2.29 0.00	36.44 2.10 0.00	34.18 2.09 0.00
CH_MISC_IPPS 23765	32.96 2.01 0.00	30.67 1.90 0.00	26.57 1.62 0.00	25.62 1.54 0.00	25.34 1.50 0.00	26.75 1.54 0.00	30.46 1.83 0.00	32.42 1.98 0.00	34.65 2.23 0.00	36.58 2.17 0.00	37.73 2.20 0.00	38.85 2.34 0.00	40.12 2.48 0.00	41.55 2.61 0.00	42.27 2.80 0.00	48.50 3.42 0.00	51.86 4.02 0.00	60.95 4.62 0.00	54.67 4.14 0.00	48.02 3.39 0.00	44.12 2.96 0.00	40.14 2.52 0.00	36.68 2.34 0.00	34.37 2.28 0.00
CH_RES_BVR_FALLS 23983	30.39 -0.56 0.00	28.19 -0.58 0.00	24.40 -0.55 0.00	23.53 -0.55 0.00	23.29 -0.55 0.00	24.61 -0.61 0.00	28.00 -0.63 0.00	29.84 -0.61 0.00	31.80 -0.62 0.00	33.76 -0.65 0.00	34.85 -0.68 0.00	35.67 -0.84 0.00	36.73 -0.90 0.00	38.01 -0.93 0.00	38.48 -0.99 0.00	43.99 -1.08 0.00	46.46 -1.39 0.00	54.68 -1.64 0.02	49.00 -1.51 0.01	43.38 -1.25 0.00	40.00 -1.15 0.00	36.49 -1.13 0.00	33.28 -1.06 0.00	31.07 -1.03 0.00
CH_RES_NIAGARA 23895	29.07 -1.86 0.02	26.76 -1.98 0.02	23.39 -1.55 0.02	22.47 -1.59 0.02	22.25 -1.57 0.02	23.83 -1.36 0.02	26.54 -2.06 0.02	27.93 -2.50 0.02	29.54 -2.85 0.02	32.22 -2.17 0.02	33.69 -1.81 0.02	34.99 -1.50 0.02	36.48 -1.13 0.02	38.14 -0.78 0.03	38.08 -1.34 0.05	42.47 -2.57 0.04	45.67 -2.15 0.03	53.77 -2.54 0.03	48.33 -2.17 0.02	42.55 -2.05 0.02	39.20 -1.93 0.02	36.35 -1.24 0.02	32.64 -1.68 0.02	30.34 -1.73 0.02
CH_RES_SYRACUSE 23985	30.48 -0.46 0.00	28.28 -0.49 0.00	24.53 -0.42 0.00	23.67 -0.41 0.00	23.46 -0.38 0.00	24.86 -0.35 0.00	28.11 -0.51 0.00	29.96 -0.49 0.00	31.77 -0.65 0.00	34.00 -0.41 0.00	35.21 -0.32 0.00	36.47 -0.04 0.00	37.63 0.00 0.00	39.02 0.08 0.00	39.43 -0.04 0.00	44.80 -0.27 0.00	47.75 -0.10 0.00	56.22 -0.11 0.00	50.53 0.00 0.00	44.49 -0.13 0.00	40.99 -0.16 0.00	37.47 -0.15 0.00	34.03 -0.31 0.00	31.61 -0.48 0.00
CLINTON_WT_PWR 323605	31.78 0.84 0.00	29.63 0.86 0.00	25.68 0.72 0.00	24.78 0.70 0.00	24.60 0.76 0.00	25.94 0.73 0.00	29.69 1.06 0.00	31.67 1.22 0.00	33.71 1.30 0.00	35.69 1.27 0.00	36.88 1.35 0.00	37.68 1.17 0.00	38.80 1.17 0.00	40.30 1.36 0.00	40.81 1.34 0.00	46.42 1.35 0.00	47.13 -0.72 0.00	54.52 -1.80 0.01	48.75 -1.77 0.01	44.40 -0.22 0.00	42.10 0.95 0.00	38.52 0.90 0.00	35.00 0.65 0.00	32.64 0.55 0.00
CLINTON___LFGE 323618	31.66 0.71 0.00	29.54 0.78 0.00	25.58 0.62 0.00	24.71 0.63 0.00	24.51 0.67 0.00	25.84 0.63 0.00	29.60 0.97 0.00	31.57 1.13 0.00	33.62 1.20 0.00	35.58 1.17 0.00	36.73 1.21 0.00	37.53 1.02 0.00	38.65 1.02 0.00	40.19 1.25 0.00	40.69 1.22 0.00	46.29 1.22 0.00	47.08 -0.77 0.00	54.52 -1.80 0.01	48.80 -1.72 0.01	44.40 -0.22 0.00	42.06 0.90 0.00	38.44 0.83 0.00	34.93 0.58 0.00	32.54 0.45 0.00
COBBLENY_34_KV_TB1 80064	30.88 -0.06 0.00	28.39 -0.37 0.00	24.70 -0.25 0.00	23.77 -0.31 0.00	23.51 -0.33 0.00	25.24 0.03 0.00	28.17 -0.46 0.00	29.84 -0.61 0.00	31.61 -0.81 0.00	34.45 0.03 0.00	36.10 0.57 0.00	37.50 0.99 0.00	39.14 1.51 0.00	40.90 1.95 -0.01	40.72 1.18 -0.07	45.51 0.41 -0.03	48.95 1.10 -0.01	57.69 1.35 -0.01	51.90 1.36 0.00	45.66 1.03 0.00	41.94 0.78 0.00	38.86 1.24 0.00	34.86 0.52 0.00	32.35 0.26 0.00
COFFEEN___115KV_TB3 355620	30.61 -0.34 0.00	28.34 -0.43 0.00	24.53 -0.42 0.00	23.65 -0.43 0.00	23.48 -0.36 0.00	24.86 -0.35 0.00	28.34 -0.29 0.00	30.20 -0.24 0.00	31.90 -0.52 0.00	34.03 -0.38 0.00	35.03 -0.50 0.00	36.29 -0.22 0.00	37.22 -0.41 0.00	38.24 -0.70 0.00	38.68 -0.79 0.00	44.22 -0.86 0.00	46.94 -0.91 0.00	55.71 -0.62 0.00	50.43 -0.10 0.00	45.12 0.49 0.00	41.65 0.49 0.00	38.11 0.49 0.00	34.48 0.14 0.00	31.77 -0.32 0.00
COLDSPRG_115KV_BK1 355956	32.00 1.05 0.00	29.40 0.63 0.00	25.53 0.57 0.00	24.51 0.43 0.00	24.20 0.36 0.00	26.02 0.81 0.00	29.20 0.57 0.00	31.30 0.85 0.00	33.16 0.75 0.00	36.07 1.65 0.00	37.98 2.45 0.00	39.28 2.77 0.00	41.10 3.46 0.00	42.69 3.74 -0.01	42.33 2.80 -0.06	47.31 2.21 -0.03	50.87 3.01 -0.01	59.95 3.61 -0.01	53.92 3.39 0.00	47.44 2.81 0.00	43.54 2.39 0.00	40.52 2.90 0.00	36.37 2.03 0.00	33.63 1.54 0.00
COLONIE_LFGE___ 323577	32.31 1.36 0.00	30.06 1.30 0.00	26.13 1.17 0.00	25.19 1.11 0.00	24.91 1.07 0.00	26.35 1.14 0.00	29.92 1.29 0.00	31.63 1.19 0.00	33.74 1.33 0.00	35.72 1.31 0.00	36.77 1.24 0.00	37.86 1.35 0.00	38.99 1.35 0.00	40.23 1.28 0.00	40.81 1.34 0.00	46.65 1.58 0.00	49.71 1.86 0.00	58.70 2.37 0.00	52.70 2.17 0.00	46.54 1.92 0.00	42.96 1.81 0.00	39.12 1.51 0.00	35.68 1.34 0.00	33.50 1.41 0.00
COOPERNY_115KV_TB1 80082	32.03 1.08 0.00	29.80 1.04 0.00	25.83 0.87 0.00	24.92 0.84 0.00	24.65 0.81 0.00	26.09 0.88 0.00	29.63 1.00 0.00	31.60 1.16 0.00	33.68 1.26 0.00	35.65 1.24 0.00	36.84 1.31 0.00	38.00 1.50 0.00	39.18 1.54 0.00	40.54 1.60 0.00	41.17 1.70 0.00	47.15 2.07 0.00	50.24 2.39 0.00	59.15 2.82 0.00	53.01 2.48 0.00	46.63 2.01 0.00	42.88 1.73 0.00	39.16 1.54 0.00	35.68 1.34 0.00	33.41 1.32 0.00
COPENHAGEN_WT_PWR 323753	30.36 -0.59 0.00	28.11 -0.66 0.00	24.33 -0.62 0.00	23.48 -0.60 0.00	23.31 -0.52 0.00	24.68 -0.53 0.00	28.11 -0.51 0.00	29.99 -0.46 0.00	31.67 -0.74 0.00	33.79 -0.62 0.00	34.78 -0.75 0.00	36.03 -0.48 0.00	37.07 -0.56 0.00	37.93 -1.01 0.00	38.44 -1.03 0.00	43.95 -1.13 0.00	46.60 -1.24 0.00	55.26 -1.07 0.00	49.92 -0.60 0.00	44.54 -0.09 0.00	41.11 -0.04 0.00	37.65 0.04 0.00	34.11 -0.24 0.00	31.48 -0.61 0.00
CORNELL_____ 23752	31.53 0.59 0.00	29.23 0.46 0.00	25.33 0.37 0.00	24.42 0.34 0.00	24.17 0.33 0.00	25.69 0.48 0.00	29.11 0.49 0.00	30.93 0.49 0.00	32.84 0.42 0.00	35.13 0.72 0.00	36.34 0.82 0.00	37.57 1.06 0.00	38.91 1.28 0.00	40.38 1.44 0.00	40.58 1.11 0.00	46.16 1.08 0.00	49.28 1.44 0.00	58.25 1.92 0.00	52.45 1.92 0.00	46.23 1.61 0.00	42.59 1.44 0.00	38.90 1.28 0.00	35.24 0.89 0.00	32.67 0.58 0.00

CORONA V_69_KV_TB1 355595	36.90 2.85 -3.11	35.72 2.62 -4.33	32.80 2.20 -5.65	29.98 2.14 -3.75	28.81 2.07 -2.90	30.15 2.19 -2.75	31.20 2.58 0.00	34.91 2.95 -1.51	36.22 3.24 -0.56	37.51 3.10 0.00	38.65 3.13 0.00	40.01 3.50 0.00	41.10 3.46 0.00	42.91 3.97 0.00	49.53 4.14 -5.92	50.04 4.96 -0.01	58.07 5.50 -4.73	68.64 6.37 -5.94	60.15 5.66 -3.96	49.13 4.51 0.00	45.02 3.87 0.00	41.12 3.50 0.00	37.37 3.02 0.00	35.17 3.08 0.00
CORTLAND_115KV_TB3 80093	31.32 0.37 0.00	29.03 0.26 0.00	25.18 0.22 0.00	24.27 0.19 0.00	24.03 0.19 0.00	25.54 0.33 0.00	28.91 0.29 0.00	30.75 0.30 0.00	32.64 0.23 0.00	34.89 0.48 0.00	36.09 0.57 0.00	37.31 0.80 0.00	38.61 0.98 0.00	40.03 1.09 0.00	40.34 0.87 0.00	45.93 0.86 0.00	49.04 1.20 0.00	57.91 1.58 0.00	52.05 1.52 0.00	45.92 1.29 0.00	42.27 1.11 0.00	38.63 1.02 0.00	35.03 0.69 0.00	32.54 0.45 0.00
COXSACKIE___GT 23611	32.77 1.83 0.00	30.52 1.76 0.00	26.50 1.55 0.00	25.53 1.44 0.00	25.22 1.38 0.00	26.60 1.39 0.00	30.31 1.69 0.00	31.60 1.16 0.00	33.71 1.30 0.00	35.58 1.17 0.00	36.41 0.89 0.00	37.38 0.87 0.00	38.65 1.02 0.00	39.95 1.01 0.00	40.65 1.18 0.00	46.52 1.44 0.00	49.66 1.82 0.00	59.04 2.70 0.00	53.41 2.88 0.00	47.21 2.59 0.00	43.66 2.51 0.00	39.57 1.95 0.00	36.13 1.78 0.00	33.95 1.86 0.00
CPV_VALLEY___CC1 323721	32.21 1.27 0.00	29.98 1.21 0.00	26.00 1.05 0.00	25.09 1.01 0.00	24.82 0.98 0.00	26.24 1.03 0.00	29.83 1.20 0.00	31.78 1.34 0.00	33.94 1.52 0.00	35.86 1.45 0.00	37.02 1.49 0.00	38.11 1.60 0.00	39.33 1.70 0.00	40.73 1.79 0.00	41.40 1.93 0.00	47.46 2.39 0.00	50.62 2.77 0.00	59.54 3.21 0.00	53.31 2.78 0.00	46.90 2.27 0.00	43.13 1.98 0.00	39.39 1.77 0.00	35.93 1.58 0.00	33.67 1.57 0.00
CPV_VALLEY___CC2 323722	32.21 1.27 0.00	29.98 1.21 0.00	26.00 1.05 0.00	25.09 1.01 0.00	24.82 0.98 0.00	26.24 1.03 0.00	29.83 1.20 0.00	31.78 1.34 0.00	33.94 1.52 0.00	35.86 1.45 0.00	37.02 1.49 0.00	38.11 1.60 0.00	39.33 1.70 0.00	40.73 1.79 0.00	41.40 1.93 0.00	47.46 2.39 0.00	50.62 2.77 0.00	59.54 3.21 0.00	53.31 2.78 0.00	46.90 2.27 0.00	43.13 1.98 0.00	39.39 1.77 0.00	35.93 1.58 0.00	33.67 1.57 0.00
CRESCENT___HYD 24018	32.31 1.36 0.00	30.06 1.30 0.00	26.13 1.17 0.00	25.19 1.11 0.00	24.91 1.07 0.00	26.35 1.14 0.00	29.92 1.29 0.00	31.63 1.19 0.00	33.74 1.33 0.00	35.72 1.31 0.00	36.77 1.24 0.00	37.86 1.35 0.00	38.99 1.35 0.00	40.23 1.28 0.00	40.81 1.34 0.00	46.65 1.58 0.00	49.71 1.86 0.00	58.70 2.37 0.00	52.70 2.17 0.00	46.54 1.92 0.00	42.96 1.81 0.00	39.12 1.51 0.00	35.68 1.34 0.00	33.50 1.41 0.00
CRICKET___VALLEY_CC1 323756	32.49 1.55 0.00	30.26 1.49 0.00	26.22 1.27 0.00	25.33 1.25 0.00	25.08 1.24 0.00	26.47 1.26 0.00	30.11 1.49 0.00	32.03 1.58 0.00	34.16 1.75 0.00	36.03 1.62 0.00	37.13 1.60 0.00	38.22 1.72 0.00	39.37 1.73 0.00	40.73 1.79 0.00	41.36 1.89 0.00	47.42 2.34 0.00	50.57 2.73 0.00	59.49 3.15 0.00	53.26 2.73 0.00	46.90 2.27 0.00	43.17 2.02 0.00	39.39 1.77 0.00	35.99 1.65 0.00	33.86 1.76 0.00
CRICKET___VALLEY_CC2 323757	32.49 1.55 0.00	30.26 1.49 0.00	26.22 1.27 0.00	25.33 1.25 0.00	25.08 1.24 0.00	26.47 1.26 0.00	30.11 1.49 0.00	32.03 1.58 0.00	34.16 1.75 0.00	36.03 1.62 0.00	37.13 1.60 0.00	38.22 1.72 0.00	39.37 1.73 0.00	40.73 1.79 0.00	41.36 1.89 0.00	47.42 2.34 0.00	50.57 2.73 0.00	59.49 3.15 0.00	53.26 2.73 0.00	46.90 2.27 0.00	43.17 2.02 0.00	39.39 1.77 0.00	35.99 1.65 0.00	33.86 1.76 0.00
CRICKET___VALLEY_CC3 323758	32.49 1.55 0.00	30.26 1.49 0.00	26.22 1.27 0.00	25.33 1.25 0.00	25.08 1.24 0.00	26.47 1.26 0.00	30.11 1.49 0.00	32.03 1.58 0.00	34.16 1.75 0.00	36.03 1.62 0.00	37.13 1.60 0.00	38.22 1.72 0.00	39.37 1.73 0.00	40.73 1.79 0.00	41.36 1.89 0.00	47.42 2.34 0.00	50.57 2.73 0.00	59.49 3.15 0.00	53.26 2.73 0.00	46.90 2.27 0.00	43.17 2.02 0.00	39.39 1.77 0.00	35.99 1.65 0.00	33.86 1.76 0.00
CRUCIBLE_METL_DRP 24180	30.48 -0.46 0.00	28.25 -0.52 0.00	24.53 -0.42 0.00	23.67 -0.41 0.00	23.43 -0.41 0.00	24.83 -0.38 0.00	28.11 -0.52 0.00	29.90 -0.55 0.00	31.73 -0.68 0.00	33.96 -0.45 0.00	35.13 -0.39 0.00	36.33 -0.18 0.00	37.56 -0.08 0.00	38.98 0.04 0.00	39.39 -0.08 0.00	44.76 -0.32 0.00	47.70 -0.14 0.00	56.22 -0.11 0.00	50.48 -0.05 0.00	44.45 -0.18 0.00	40.95 -0.21 0.00	37.43 -0.19 0.00	34.04 -0.31 0.00	31.64 -0.45 0.00
DAHOWA___HYDRO 323763	32.93 1.98 0.00	30.70 1.93 0.00	26.60 1.65 0.00	25.62 1.54 0.00	25.34 1.50 0.00	26.85 1.64 0.00	30.51 1.89 0.00	32.21 1.77 0.00	34.36 1.94 0.00	36.51 2.10 0.00	37.41 1.88 0.00	38.48 1.97 0.00	39.59 1.96 0.00	40.77 1.83 0.00	41.36 1.89 0.00	47.37 2.30 0.00	50.47 2.63 0.00	60.05 3.72 0.00	54.17 3.64 0.00	47.84 3.21 0.00	44.32 3.17 0.00	40.25 2.63 0.00	36.54 2.20 0.00	34.24 2.15 0.00
DANC___LFGE 323619	30.24 -0.71 0.00	27.99 -0.78 0.00	24.28 -0.67 0.00	23.43 -0.65 0.00	23.24 -0.60 0.00	24.61 -0.61 0.00	27.97 -0.66 0.00	29.81 -0.64 0.00	31.54 -0.87 0.00	33.62 -0.79 0.00	34.64 -0.89 0.00	35.89 -0.62 0.00	36.92 -0.72 0.00	37.81 -1.13 0.00	38.28 -1.18 0.00	43.72 -1.35 0.00	46.46 -1.39 0.00	54.98 -1.35 0.00	49.62 -0.91 0.00	44.18 -0.45 0.00	40.74 -0.41 0.00	37.36 -0.26 0.00	33.90 -0.45 0.00	31.36 -0.74 0.00
DANSKAMMER___1 23586	32.96 2.01 0.00	30.67 1.90 0.00	26.57 1.62 0.00	25.62 1.54 0.00	25.34 1.50 0.00	26.75 1.54 0.00	30.46 1.83 0.00	32.42 1.98 0.00	34.65 2.23 0.00	36.58 2.17 0.00	37.73 2.20 0.00	38.85 2.34 0.00	40.12 2.48 0.00	41.55 2.61 0.00	42.27 2.80 0.00	48.50 3.42 0.00	51.86 4.02 0.00	60.95 4.62 0.00	54.67 4.14 0.00	48.02 3.39 0.00	44.12 2.96 0.00	40.14 2.52 0.00	36.68 2.34 0.00	34.37 2.28 0.00
DANSKAMMER___2 23589	32.96 2.01 0.00	30.67 1.90 0.00	26.57 1.62 0.00	25.62 1.54 0.00	25.34 1.50 0.00	26.75 1.54 0.00	30.46 1.83 0.00	32.42 1.98 0.00	34.65 2.23 0.00	36.58 2.17 0.00	37.73 2.20 0.00	38.85 2.34 0.00	40.12 2.48 0.00	41.55 2.61 0.00	42.27 2.80 0.00	48.50 3.42 0.00	51.86 4.02 0.00	60.95 4.62 0.00	54.67 4.14 0.00	48.02 3.39 0.00	44.12 2.96 0.00	40.14 2.52 0.00	36.68 2.34 0.00	34.37 2.28 0.00
DANSKAMMER___3 23590	32.96 2.01 0.00	30.67 1.90 0.00	26.57 1.62 0.00	25.62 1.54 0.00	25.34 1.50 0.00	26.75 1.54 0.00	30.46 1.83 0.00	32.42 1.98 0.00	34.65 2.23 0.00	36.58 2.17 0.00	37.73 2.20 0.00	38.85 2.34 0.00	40.12 2.48 0.00	41.55 2.61 0.00	42.27 2.80 0.00	48.50 3.42 0.00	51.86 4.02 0.00	60.95 4.62 0.00	54.67 4.14 0.00	48.02 3.39 0.00	44.12 2.96 0.00	40.14 2.52 0.00	36.68 2.34 0.00	34.37 2.28 0.00

DANSKAMMER___4 23591	32.96 2.01 0.00	30.67 1.90 0.00	26.57 1.62 0.00	25.62 1.54 0.00	25.34 1.50 0.00	26.75 1.54 0.00	30.46 1.83 0.00	32.42 1.98 0.00	34.65 2.23 0.00	36.58 2.17 0.00	37.73 2.20 0.00	38.85 2.34 0.00	40.12 2.48 0.00	41.55 2.61 0.00	42.27 2.80 0.00	48.50 3.42 0.00	51.86 4.02 0.00	60.95 4.62 0.00	54.67 4.14 0.00	48.02 3.39 0.00	44.12 2.96 0.00	40.14 2.52 0.00	36.68 2.34 0.00	34.37 2.28 0.00
DANSKAMMER___DIESEL 23592	32.99 2.04 0.00	30.67 1.90 0.00	26.57 1.62 0.00	25.65 1.57 0.00	25.34 1.50 0.00	26.75 1.54 0.00	30.49 1.86 0.00	32.46 2.01 0.00	34.68 2.27 0.00	36.61 2.20 0.00	37.80 2.27 0.00	38.95 2.45 0.00	40.16 2.52 0.00	41.59 2.65 0.00	42.31 2.84 0.00	48.54 3.47 0.00	51.86 4.02 0.00	61.01 4.68 0.00	54.72 4.19 0.00	48.02 3.39 0.00	44.12 2.96 0.00	40.14 2.52 0.00	36.65 2.30 0.00	34.37 2.28 0.00
DARBY___SOLAR 323810	32.80 1.86 0.00	30.58 1.81 0.00	26.53 1.57 0.00	25.55 1.47 0.00	25.25 1.41 0.00	26.75 1.54 0.00	30.40 1.78 0.00	32.12 1.67 0.00	34.26 1.85 0.00	36.37 1.96 0.00	37.30 1.78 0.00	38.40 1.90 0.00	39.51 1.88 0.00	40.70 1.75 0.00	41.28 1.82 0.00	47.28 2.21 0.00	50.33 2.49 0.00	59.83 3.49 0.00	53.92 3.39 0.00	47.62 2.99 0.00	44.08 2.92 0.00	40.06 2.44 0.00	36.37 2.03 0.00	34.08 1.99 0.00
DASHVILLE___HYD 23610	32.62 1.67 0.00	30.35 1.58 0.00	26.27 1.32 0.00	25.38 1.30 0.00	25.08 1.24 0.00	26.45 1.24 0.00	30.14 1.52 0.00	32.15 1.70 0.00	34.33 1.91 0.00	36.24 1.82 0.00	37.37 1.85 0.00	38.55 2.04 0.00	39.70 2.07 0.00	41.12 2.18 0.00	41.88 2.41 0.00	48.05 2.97 0.00	51.34 3.49 0.00	60.28 3.94 0.00	54.07 3.54 0.00	47.44 2.81 0.00	43.58 2.43 0.00	39.46 1.84 0.00	36.10 1.75 0.00	33.86 1.77 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.71 3.65 -3.11	36.47 3.37 -4.33	33.47 2.87 -5.65	30.67 2.84 -3.75	29.46 2.72 -2.90	30.88 2.92 -2.75	32.06 3.44 0.00	35.58 3.62 -1.51	37.06 4.08 -0.56	38.64 4.23 0.00	39.76 4.23 0.00	41.29 4.78 0.00	42.46 4.82 0.00	44.48 5.53 0.00	50.95 5.56 -5.92	51.67 6.58 -0.01	59.41 7.75 -3.82	71.28 9.01 -5.94	62.32 7.83 -3.96	50.70 6.07 0.00	46.46 5.31 0.00	42.25 4.63 0.00	37.88 3.54 0.00	35.85 3.75 0.00
DELAWARE___LFGE 323621	31.87 0.93 0.00	29.60 0.83 0.00	25.65 0.70 0.00	24.75 0.67 0.00	24.51 0.67 0.00	25.97 0.76 0.00	29.48 0.86 0.00	31.33 0.88 0.00	33.32 0.91 0.00	35.44 1.03 0.00	36.63 1.10 0.00	37.86 1.35 0.00	39.06 1.43 0.00	40.42 1.48 0.00	40.97 1.50 0.00	46.79 1.71 0.00	49.95 2.11 0.00	58.81 2.48 0.00	52.80 2.27 0.00	46.59 1.96 0.00	42.88 1.73 0.00	39.16 1.54 0.00	35.58 1.24 0.00	33.15 1.06 0.00
DERFIELD_115KV_TB7 355931	31.10 0.15 0.00	28.91 0.14 0.00	25.08 0.12 0.00	24.20 0.12 0.00	23.96 0.12 0.00	25.34 0.13 0.00	28.74 0.11 0.00	30.57 0.12 0.00	32.54 0.13 0.00	34.55 0.14 0.00	35.67 0.14 0.00	36.73 0.22 0.00	37.86 0.23 0.00	39.18 0.23 0.00	39.70 0.24 0.00	45.34 0.27 0.00	48.28 0.43 0.00	56.84 0.51 0.00	50.99 0.45 0.00	44.98 0.36 0.00	41.44 0.29 0.00	37.88 0.26 0.00	34.52 0.17 0.00	32.25 0.16 0.00
DOGLEVILLE___HYD 23807	31.41 0.46 0.00	29.17 0.40 0.00	25.28 0.32 0.00	24.37 0.29 0.00	24.13 0.29 0.00	25.51 0.30 0.00	29.00 0.37 0.00	30.84 0.39 0.00	32.84 0.42 0.00	34.93 0.52 0.00	36.09 0.57 0.00	37.24 0.73 0.00	38.31 0.68 0.00	39.56 0.62 0.00	40.10 0.63 0.00	45.84 0.77 0.00	48.80 0.96 0.00	57.52 1.18 0.00	51.59 1.06 0.00	45.47 0.85 0.00	41.90 0.74 0.00	38.29 0.68 0.00	34.89 0.55 0.00	32.54 0.45 0.00
DUNKIRK___115KV_TB_200 55889	31.29 0.34 0.00	28.77 0.00 0.00	25.00 0.05 0.00	24.03 -0.05 0.00	23.74 -0.10 0.00	25.49 0.28 0.00	28.51 -0.11 0.00	30.36 -0.09 0.00	32.16 -0.26 0.00	35.03 0.62 0.00	36.77 1.24 0.00	38.12 1.61 0.00	39.78 2.15 0.00	41.52 2.57 -0.01	41.37 1.82 -0.08	46.24 1.13 -0.04	49.67 1.82 -0.01	58.54 2.20 -0.01	52.66 2.12 0.00	46.32 1.70 0.00	42.56 1.40 0.00	39.50 1.88 0.00	35.41 1.06 0.00	32.80 0.71 0.00
DUNKIRK___1 23563	31.29 0.34 0.00	28.77 0.00 0.00	25.00 0.05 0.00	24.03 -0.05 0.00	23.74 -0.10 0.00	25.49 0.28 0.00	28.51 -0.11 0.00	30.36 -0.09 0.00	32.16 -0.26 0.00	35.03 0.62 0.00	36.77 1.24 0.00	38.12 1.61 0.00	39.78 2.15 0.00	41.52 2.57 -0.01	41.37 1.82 -0.08	46.24 1.13 -0.04	49.67 1.82 -0.01	58.54 2.20 -0.01	52.66 2.12 0.00	46.32 1.70 0.00	42.56 1.40 0.00	39.50 1.88 0.00	35.41 1.06 0.00	32.80 0.71 0.00
DUNKIRK___2 23564	31.29 0.34 0.00	28.77 0.00 0.00	25.00 0.05 0.00	24.03 -0.05 0.00	23.74 -0.10 0.00	25.49 0.28 0.00	28.51 -0.11 0.00	30.36 -0.09 0.00	32.16 -0.26 0.00	35.03 0.62 0.00	36.77 1.24 0.00	38.12 1.61 0.00	39.78 2.15 0.00	41.52 2.57 -0.01	41.37 1.82 -0.08	46.24 1.13 -0.04	49.67 1.82 -0.01	58.54 2.20 -0.01	52.66 2.12 0.00	46.32 1.70 0.00	42.56 1.40 0.00	39.50 1.88 0.00	35.41 1.06 0.00	32.80 0.71 0.00
DUNKIRK___3 23565	31.04 0.09 0.00	28.54 -0.23 0.00	24.83 -0.12 0.00	23.86 -0.22 0.00	23.60 -0.24 0.00	25.34 0.13 0.00	28.31 -0.31 0.00	30.08 -0.37 0.00	31.87 -0.55 0.00	34.72 0.31 0.00	36.38 0.85 0.00	37.75 1.24 0.00	39.41 1.77 0.00	41.13 2.18 -0.01	40.97 1.42 -0.09	45.83 0.72 -0.04	49.24 1.39 -0.01	58.03 1.69 -0.01	52.20 1.67 0.00	45.92 1.29 0.00	42.19 1.03 0.00	39.12 1.50 0.00	35.10 0.76 0.00	32.54 0.45 0.00
DUNKIRK___4 23566	31.04 0.09 0.00	28.54 -0.23 0.00	24.83 -0.12 0.00	23.86 -0.22 0.00	23.60 -0.24 0.00	25.34 0.13 0.00	28.31 -0.31 0.00	30.08 -0.37 0.00	31.87 -0.55 0.00	34.72 0.31 0.00	36.38 0.85 0.00	37.75 1.24 0.00	39.41 1.77 0.00	41.13 2.18 -0.01	40.97 1.42 -0.09	45.83 0.72 -0.04	49.24 1.39 -0.01	58.03 1.69 -0.01	52.20 1.67 0.00	45.92 1.29 0.00	42.19 1.03 0.00	39.12 1.50 0.00	35.10 0.76 0.00	32.54 0.45 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.08 2.14 0.00	30.78 2.01 0.00	26.62 1.67 0.00	25.69 1.61 0.00	25.41 1.57 0.00	26.87 1.66 0.00	30.63 2.00 0.00	32.79 2.34 0.00	35.01 2.59 0.00	36.96 2.55 0.00	38.12 2.59 0.00	39.36 2.85 0.00	40.53 2.90 0.00	41.98 3.04 0.00	42.66 3.20 0.00	48.95 3.88 0.00	52.25 4.40 0.00	61.46 5.13 0.00	54.98 4.45 0.00	48.24 3.61 0.00	44.36 3.21 0.00	40.48 2.86 0.00	36.85 2.51 0.00	34.60 2.50 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.71 1.76 0.00	30.41 1.64 0.00	26.35 1.40 0.00	25.45 1.37 0.00	25.15 1.31 0.00	26.57 1.36 0.00	30.23 1.60 0.00	32.24 1.80 0.00	34.43 2.01 0.00	36.37 1.96 0.00	37.51 1.99 0.00	38.70 2.19 0.00	39.89 2.26 0.00	41.28 2.34 0.00	41.99 2.53 0.00	48.18 3.11 0.00	51.43 3.59 0.00	60.50 4.17 0.00	54.22 3.69 0.00	47.66 3.03 0.00	43.79 2.63 0.00	39.87 2.26 0.00	36.41 2.06 0.00	34.12 2.02 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	33.42 2.48 0.00	31.10 2.33 0.00	26.90 1.95 0.00	25.98 1.90 0.00	25.67 1.84 0.00	27.08 1.87 0.00	30.83 2.20 0.00	33.00 2.56 0.00	35.17 2.76 0.00	37.03 2.62 0.00	38.26 2.74 0.00	39.43 2.92 0.00	40.57 2.94 0.00	41.86 2.92 0.00	42.51 3.04 0.00	48.77 3.70 0.00	52.20 4.35 0.00	61.35 5.01 0.00	54.98 4.45 0.00	48.15 3.53 0.00	44.16 3.00 0.00	40.36 2.75 0.00	37.13 2.78 0.00	34.64 2.54 -0.01
E179THST_13_KV_LOAD 356214	33.64 2.69 0.00	31.27 2.50 0.00	27.02 2.07 0.00	26.10 2.02 0.00	25.82 1.98 0.00	27.20 1.99 0.00	31.00 2.38 0.00	33.19 2.74 0.00	35.37 2.95 0.00	37.27 2.86 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.83 3.20 0.00	42.14 3.19 0.00	42.78 3.32 0.00	49.09 4.01 0.00	52.53 4.69 0.00	61.80 5.46 0.00	55.38 4.85 0.00	48.51 3.88 0.00	44.49 3.33 0.00	40.63 3.01 0.00	37.33 2.99 0.00	34.86 2.76 -0.01
EAST HAMPTON___GT 23717	38.20 4.15 -3.11	36.84 3.74 -4.33	33.80 3.19 -5.65	30.91 3.08 -3.75	29.67 2.93 -2.90	31.14 3.18 -2.75	32.38 3.75 0.00	35.94 3.99 -1.51	37.55 4.57 -0.56	38.95 4.54 0.00	40.36 4.83 0.00	42.06 5.55 0.00	43.28 5.64 0.00	45.37 6.42 0.00	51.86 6.47 -5.92	52.71 7.62 -0.01	60.61 8.94 -3.82	72.63 10.37 -5.94	63.49 8.99 -3.96	51.63 7.01 0.00	47.29 6.13 0.00	43.45 5.83 0.00	38.84 4.50 0.00	36.68 4.59 0.00
EAST RIVER___6 23660	33.33 2.38 0.00	30.98 2.22 0.00	26.75 1.80 0.00	25.82 1.73 0.00	25.51 1.67 0.00	26.93 1.72 0.00	30.74 2.12 0.00	33.00 2.56 0.00	35.27 2.85 0.00	37.27 2.85 0.00	38.44 2.91 0.00	39.57 3.07 0.00	40.83 3.20 0.00	42.33 3.39 0.00	42.98 3.51 0.00	49.40 4.33 0.00	52.77 4.93 0.00	61.97 5.63 0.00	55.33 4.80 0.00	48.55 3.93 0.00	44.61 3.46 0.00	40.81 3.20 0.00	37.16 2.82 0.00	34.88 2.79 0.00
EAST RIVER___7 23524	33.33 2.38 0.00	30.98 2.22 0.00	26.75 1.80 0.00	25.82 1.73 0.00	25.51 1.67 0.00	26.93 1.72 0.00	30.74 2.12 0.00	33.00 2.56 0.00	35.27 2.85 0.00	37.27 2.85 0.00	38.44 2.91 0.00	39.57 3.07 0.00	40.83 3.20 0.00	42.33 3.39 0.00	42.98 3.51 0.00	49.40 4.33 0.00	52.77 4.93 0.00	61.97 5.63 0.00	55.33 4.80 0.00	48.55 3.93 0.00	44.61 3.46 0.00	40.81 3.20 0.00	37.16 2.82 0.00	34.88 2.79 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.99 2.04 0.00	30.70 1.93 0.00	26.55 1.60 0.00	25.65 1.57 0.00	25.36 1.53 0.00	26.80 1.59 0.00	30.54 1.92 0.00	32.67 2.22 0.00	34.88 2.46 0.00	36.82 2.41 0.00	38.01 2.49 0.00	39.21 2.70 0.00	40.38 2.75 0.00	41.82 2.88 0.00	42.51 3.04 0.00	48.77 3.70 0.00	52.10 4.26 0.00	61.24 4.90 0.00	54.83 4.30 0.00	48.11 3.48 0.00	44.20 3.05 0.00	40.33 2.71 0.00	36.75 2.40 0.00	34.50 2.41 0.00
EAST_HAMPTON___DIESEL 23722	38.20 4.15 -3.11	36.84 3.74 -4.33	33.80 3.19 -5.65	30.91 3.08 -3.75	29.65 2.91 -2.90	31.14 3.18 -2.75	32.38 3.75 0.00	35.91 3.96 -1.51	37.51 4.54 -0.56	38.95 4.54 0.00	40.36 4.83 0.00	42.06 5.55 0.00	43.28 5.64 0.00	45.37 6.42 0.00	51.86 6.47 -5.92	52.71 7.62 -0.01	60.61 8.94 -3.82	72.69 10.42 -5.94	63.49 8.99 -3.96	51.63 7.01 0.00	47.29 6.13 0.00	43.45 5.83 0.00	38.81 4.46 0.00	36.68 4.59 0.00
EAST_POINT___SOLAR 323840	33.79 2.85 0.00	31.44 2.68 0.00	27.17 2.22 0.00	26.15 2.07 0.00	25.86 2.03 0.00	27.48 2.27 0.00	31.03 2.40 0.00	32.37 1.92 0.00	33.84 1.42 0.00	35.48 1.07 0.00	36.52 0.99 0.00	38.26 1.75 0.00	39.55 1.92 0.00	40.70 1.75 0.00	41.40 1.93 0.00	47.19 2.12 0.00	50.72 2.87 0.00	61.69 5.35 0.00	56.04 5.51 0.00	49.84 5.22 0.00	46.05 4.90 0.00	41.94 4.32 0.00	37.78 3.43 0.00	35.11 3.02 0.00
EAST_PULASKI___ESR 323781	30.11 -0.83 0.00	27.91 -0.86 0.00	24.20 -0.75 0.00	23.38 -0.70 0.00	23.17 -0.67 0.00	24.56 -0.66 0.00	27.82 -0.80 0.00	29.65 -0.79 0.00	31.38 -1.04 0.00	33.52 -0.89 0.00	34.57 -0.96 0.00	35.78 -0.73 0.00	36.88 -0.75 0.00	37.77 -1.17 0.00	38.20 -1.26 0.00	43.54 -1.53 0.00	46.36 -1.48 0.00	54.81 -1.52 0.00	49.42 -1.11 0.00	43.82 -0.80 0.00	40.37 -0.78 0.00	36.98 -0.64 0.00	33.69 -0.65 0.00	31.26 -0.83 0.00
EAST_RIVER___1 323558	33.24 2.29 0.00	30.93 2.16 0.00	26.72 1.77 0.00	25.79 1.71 0.00	25.51 1.67 0.00	26.95 1.74 0.00	30.74 2.12 0.00	32.97 2.53 0.00	35.20 2.79 0.00	37.20 2.79 0.00	38.33 2.81 0.00	39.46 2.96 0.00	40.68 3.05 0.00	42.17 3.23 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.58 4.74 0.00	61.80 5.46 0.00	55.18 4.65 0.00	48.42 3.79 0.00	44.53 3.38 0.00	40.70 3.09 0.00	37.13 2.78 0.00	34.82 2.73 0.00
EAST_RIVER___2 323559	33.33 2.38 0.00	30.98 2.22 0.00	26.75 1.80 0.00	25.82 1.73 0.00	25.51 1.67 0.00	26.93 1.72 0.00	30.74 2.12 0.00	33.00 2.56 0.00	35.27 2.85 0.00	37.27 2.85 0.00	38.44 2.91 0.00	39.57 3.07 0.00	40.83 3.20 0.00	42.33 3.39 0.00	42.98 3.51 0.00	49.40 4.33 0.00	52.77 4.93 0.00	61.97 5.63 0.00	55.33 4.80 0.00	48.55 3.93 0.00	44.61 3.46 0.00	40.81 3.20 0.00	37.16 2.82 0.00	34.88 2.79 0.00
EAST___DELAWARE_HYD 23607	31.87 0.93 0.00	29.63 0.86 0.00	25.68 0.72 0.00	24.75 0.67 0.00	24.51 0.67 0.00	25.84 0.63 0.00	29.46 0.83 0.00	31.33 0.88 0.00	33.48 1.07 0.00	35.34 0.93 0.00	36.41 0.89 0.00	37.53 1.02 0.00	38.73 1.09 0.00	40.15 1.21 0.00	40.85 1.38 0.00	46.92 1.85 0.00	50.14 2.30 0.00	59.04 2.70 0.00	52.96 2.43 0.00	46.54 1.92 0.00	42.80 1.65 0.00	38.90 1.28 0.00	35.55 1.20 0.00	33.25 1.15 0.00
EIGHT_POINT___WT_PWR 323820	31.69 0.74 0.00	29.20 0.43 0.00	25.35 0.40 0.00	24.39 0.31 0.00	24.10 0.26 0.00	25.87 0.65 0.00	29.08 0.46 0.00	30.93 0.49 0.00	32.71 0.29 0.00	35.44 1.03 0.00	36.95 1.42 0.00	38.63 2.12 0.00	39.89 2.26 0.00	41.52 2.57 0.00	41.59 2.09 -0.03	46.49 1.40 -0.02	50.10 2.25 0.00	58.99 2.65 0.00	53.21 2.68 0.00	46.81 2.19 0.00	43.09 1.93 0.00	39.65 2.03 0.00	35.55 1.20 0.00	32.80 0.71 0.00
ELBRIDGE_115KV_TB2 80188	30.36 -0.59 0.00	28.13 -0.63 0.00	24.43 -0.52 0.00	23.57 -0.51 0.00	23.36 -0.48 0.00	24.76 -0.45 0.00	28.00 -0.63 0.00	29.78 -0.67 0.00	31.64 -0.78 0.00	33.86 -0.55 0.00	35.03 -0.50 0.00	36.18 -0.33 0.00	37.41 -0.23 0.00	38.83 -0.12 0.00	39.23 -0.24 0.00	44.58 -0.50 0.00	47.51 -0.33 0.00	56.00 -0.34 0.00	50.28 -0.25 0.00	44.31 -0.31 0.00	40.82 -0.33 0.00	37.32 -0.30 0.00	33.90 -0.45 0.00	31.52 -0.58 0.00
ELEC_TRO_TEK 24086	36.59 2.54 -3.11	35.49 2.39 -4.33	32.60 2.00 -5.65	29.78 1.95 -3.75	28.62 1.88 -2.90	29.95 1.99 -2.75	30.97 2.35 0.00	34.69 3.01 -1.51	35.99 3.01 -0.56	37.27 2.86 0.00	38.37 2.84 0.00	39.68 3.18 0.00	40.76 3.12 0.00	42.56 3.62 0.00	49.14 3.75 -5.92	49.59 4.51 -0.01	57.83 5.12 -4.86	68.18 5.92 -5.94	59.70 5.20 -3.96	48.69 4.06 0.00	44.61 3.46 0.00	40.70 3.08 0.00	36.99 2.64 0.00	34.85 2.76 0.00

ELLENBURG_WT_PWR 323604	31.78 0.84 0.00	29.63 0.86 0.00	25.68 0.72 0.00	24.78 0.70 0.00	24.60 0.76 0.00	25.94 0.73 0.00	29.69 1.06 0.00	31.67 1.22 0.00	33.71 1.30 0.00	35.69 1.27 0.00	36.88 1.35 0.00	37.68 1.17 0.00	38.80 1.17 0.00	40.30 1.36 0.00	40.81 1.34 0.00	46.42 1.35 0.00	47.13 -0.72 0.00	54.52 -1.80 0.01	48.75 -1.77 0.01	44.40 -0.22 0.00	42.10 0.95 0.00	38.52 0.90 0.00	35.00 0.65 0.00	32.64 0.55 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.64 -0.31 0.00	28.19 -0.58 0.00	24.55 -0.40 0.00	23.60 -0.48 0.00	23.36 -0.48 0.00	25.06 -0.15 0.00	27.97 -0.66 0.00	29.57 -0.88 0.00	31.28 -1.13 0.00	34.10 -0.31 0.00	35.71 0.18 0.00	37.06 0.55 0.00	38.69 1.05 0.00	40.43 1.48 -0.01	40.34 0.75 -0.12	45.04 -0.09 -0.05	48.38 0.53 -0.01	56.96 0.62 -0.01	51.24 0.71 0.00	45.07 0.45 0.00	41.44 0.29 0.00	38.45 0.83 0.00	34.52 0.17 0.00	32.06 -0.03 0.00
EMPIRE_CC_1 323656	31.75 0.80 0.00	29.57 0.80 0.00	25.80 0.85 0.00	24.90 0.82 0.00	24.62 0.79 0.00	25.99 0.78 0.00	29.43 0.80 0.00	31.15 0.70 0.00	33.23 0.81 0.00	35.10 0.69 0.00	36.13 0.60 0.00	37.17 0.66 0.00	38.27 0.64 0.00	39.49 0.54 0.00	40.14 0.67 0.00	45.89 0.81 0.00	48.85 1.01 0.00	57.57 1.24 0.00	51.64 1.11 0.00	45.61 0.98 0.00	42.02 0.87 0.00	38.33 0.71 0.00	35.00 0.65 0.00	32.96 0.87 0.00
EMPIRE_CC_2 323658	31.75 0.80 0.00	29.57 0.80 0.00	25.80 0.85 0.00	24.90 0.82 0.00	24.62 0.79 0.00	25.99 0.78 0.00	29.43 0.80 0.00	31.15 0.70 0.00	33.23 0.81 0.00	35.10 0.69 0.00	36.13 0.60 0.00	37.17 0.66 0.00	38.27 0.64 0.00	39.49 0.54 0.00	40.14 0.67 0.00	45.89 0.81 0.00	48.85 1.01 0.00	57.57 1.24 0.00	51.64 1.11 0.00	45.61 0.98 0.00	42.02 0.87 0.00	38.33 0.71 0.00	35.00 0.65 0.00	32.96 0.87 0.00
ENORWICH_115KV_TB1 80156	34.57 3.62 0.00	31.82 3.05 0.00	27.47 2.52 0.00	26.37 2.29 0.00	26.18 2.34 0.00	27.81 2.60 0.00	31.75 3.12 0.00	33.76 3.32 0.00	35.43 3.01 0.00	37.85 3.44 0.00	39.11 3.59 0.00	40.78 4.27 0.00	42.15 4.52 0.00	43.58 4.63 0.00	42.55 3.08 0.00	48.68 3.61 0.00	52.15 4.31 0.00	61.80 5.46 0.00	55.74 5.20 0.00	49.27 4.64 0.00	45.35 4.20 0.00	41.34 3.72 0.00	37.26 2.92 0.00	34.28 2.18 0.00
ERIE_ST_34_KV_TB1-2 80199	30.85 -0.09 0.00	28.34 -0.43 0.00	24.65 -0.30 0.00	23.72 -0.36 0.00	23.46 -0.38 0.00	25.19 -0.03 0.00	28.17 -0.46 0.00	29.81 -0.64 0.00	31.64 -0.78 0.00	34.48 0.07 0.00	36.13 0.60 0.00	37.57 1.06 0.00	39.22 1.58 0.00	40.97 2.02 -0.01	40.60 1.07 -0.07	45.55 0.45 -0.03	49.10 1.24 -0.01	57.97 1.63 -0.01	52.15 1.62 0.00	45.88 1.25 0.00	42.10 0.95 0.00	39.01 1.39 0.00	34.97 0.62 0.00	32.45 0.35 0.00
ERIE_WT_PWR 323693	30.95 0.00 0.00	28.42 -0.34 0.00	24.75 -0.20 0.00	23.84 -0.24 0.00	23.58 -0.26 0.00	25.29 0.08 0.00	28.20 -0.43 0.00	30.05 -0.40 0.00	31.61 -0.81 0.00	34.48 0.07 0.00	36.28 0.75 0.00	38.01 1.50 0.00	39.22 1.58 0.00	40.86 1.91 -0.01	40.89 1.34 -0.08	45.34 0.23 -0.04	49.05 1.20 -0.01	57.47 1.13 -0.01	51.90 1.36 0.00	45.61 0.98 0.00	41.90 0.74 0.00	38.86 1.24 0.00	34.73 0.38 0.00	32.13 0.03 0.00
ESPRGFLD_115KV_TB1 80157	32.86 1.92 0.00	30.49 1.73 0.00	26.37 1.42 0.00	25.40 1.32 0.00	25.15 1.31 0.00	26.72 1.51 0.00	30.37 1.75 0.00	32.15 1.70 0.00	34.07 1.65 0.00	36.17 1.75 0.00	37.37 1.85 0.00	38.81 2.30 0.00	40.08 2.45 0.00	41.40 2.45 0.00	41.95 2.49 0.00	47.87 2.79 0.00	51.19 3.35 0.00	60.95 4.62 0.00	54.88 4.35 0.00	48.55 3.93 0.00	44.69 3.54 0.00	40.78 3.16 0.00	36.85 2.51 0.00	34.18 2.09 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.50 0.56 0.00	29.20 0.43 0.00	25.30 0.35 0.00	24.39 0.31 0.00	24.17 0.33 0.00	25.66 0.45 0.00	29.08 0.46 0.00	30.90 0.46 0.00	32.80 0.39 0.00	35.07 0.65 0.00	36.27 0.75 0.00	37.53 1.02 0.00	38.84 1.20 0.00	40.31 1.36 0.00	40.50 1.03 0.00	46.07 0.99 0.00	49.23 1.39 0.00	58.14 1.80 0.00	52.30 1.77 0.00	46.14 1.52 0.00	42.51 1.36 0.00	38.82 1.20 0.00	35.20 0.86 0.00	32.64 0.55 0.00
ETNA____115KV_TB2 80207	31.50 0.56 0.00	29.20 0.43 0.00	25.30 0.35 0.00	24.39 0.31 0.00	24.17 0.33 0.00	25.66 0.45 0.00	29.08 0.46 0.00	30.90 0.46 0.00	32.80 0.39 0.00	35.07 0.65 0.00	36.27 0.75 0.00	37.53 1.02 0.00	38.84 1.20 0.00	40.31 1.36 0.00	40.50 1.03 0.00	46.07 0.99 0.00	49.23 1.39 0.00	58.14 1.80 0.00	52.30 1.77 0.00	46.14 1.52 0.00	42.51 1.36 0.00	38.82 1.20 0.00	35.20 0.86 0.00	32.64 0.55 0.00
EUCLID____115KV_TB2 356179	30.11 -0.84 0.00	27.93 -0.83 0.00	24.25 -0.70 0.00	23.41 -0.67 0.00	23.20 -0.64 0.00	24.58 -0.63 0.00	27.80 -0.83 0.00	29.56 -0.88 0.00	31.41 -1.00 0.00	33.59 -0.83 0.00	34.71 -0.82 0.00	35.85 -0.66 0.00	37.07 -0.56 0.00	38.47 -0.47 0.00	38.88 -0.59 0.00	44.22 -0.86 0.00	47.13 -0.72 0.00	55.55 -0.79 0.00	49.82 -0.71 0.00	43.96 -0.67 0.00	40.45 -0.70 0.00	37.02 -0.60 0.00	33.66 -0.69 0.00	31.32 -0.77 0.00
E_CANADA_CAP_HY 24051	33.48 2.54 0.00	31.13 2.36 0.00	26.90 1.95 0.00	25.91 1.83 0.00	25.65 1.81 0.00	27.23 2.02 0.00	30.92 2.29 0.00	32.52 2.07 0.00	34.33 1.91 0.00	36.27 1.86 0.00	37.37 1.85 0.00	38.85 2.34 0.00	40.12 2.48 0.00	41.36 2.42 0.00	42.00 2.53 0.00	47.82 2.75 0.00	51.19 3.35 0.00	61.57 5.24 0.00	55.63 5.10 0.00	49.31 4.68 0.00	45.51 4.36 0.00	41.53 3.91 0.00	37.44 3.09 0.00	34.79 2.70 0.00
E_CANADA_MHWK_HY 24050	31.41 0.46 0.00	29.17 0.40 0.00	25.28 0.32 0.00	24.37 0.29 0.00	24.13 0.29 0.00	25.51 0.30 0.00	29.00 0.37 0.00	30.84 0.39 0.00	32.84 0.42 0.00	34.93 0.52 0.00	36.09 0.57 0.00	37.24 0.73 0.00	38.31 0.68 0.00	39.56 0.62 0.00	40.10 0.63 0.00	45.84 0.77 0.00	48.80 0.96 0.00	57.52 1.18 0.00	51.59 1.06 0.00	45.47 0.85 0.00	41.90 0.74 0.00	38.29 0.68 0.00	34.89 0.55 0.00	32.54 0.45 0.00
E_FISHKILL____LBMP 23776	32.68 1.73 0.00	30.41 1.64 0.00	26.32 1.37 0.00	25.43 1.35 0.00	25.15 1.31 0.00	26.60 1.39 0.00	30.26 1.63 0.00	32.30 1.86 0.00	34.49 2.07 0.00	36.41 2.00 0.00	37.55 2.02 0.00	38.73 2.23 0.00	39.89 2.26 0.00	41.24 2.30 0.00	41.92 2.45 0.00	48.05 2.97 0.00	51.29 3.44 0.00	60.33 4.00 0.00	54.02 3.49 0.00	47.48 2.86 0.00	43.66 2.51 0.00	39.84 2.22 0.00	36.34 1.99 0.00	34.12 2.02 0.00
FALCON____SEABRD_CC1 323796	31.78 0.84 0.00	29.66 0.89 0.00	25.68 0.72 0.00	24.80 0.72 0.00	24.62 0.79 0.00	25.97 0.76 0.00	29.71 1.09 0.00	31.69 1.25 0.00	33.74 1.33 0.00	35.72 1.31 0.00	36.91 1.38 0.00	37.71 1.20 0.00	38.84 1.20 0.00	40.34 1.40 0.00	40.85 1.38 0.00	46.47 1.40 0.00	47.03 -0.81 0.00	54.35 -1.97 0.01	48.60 -1.92 0.01	44.36 -0.27 0.00	42.14 0.99 0.00	38.56 0.94 0.00	35.03 0.69 0.00	32.67 0.58 0.00

FALCON___SEABRD_CC2 323797	31.78 0.84 0.00	29.66 0.89 0.00	25.68 0.72 0.00	24.80 0.72 0.00	24.62 0.79 0.00	25.97 0.76 0.00	29.71 1.09 0.00	31.69 1.25 0.00	33.74 1.33 0.00	35.72 1.31 0.00	36.91 1.38 0.00	37.71 1.20 0.00	38.84 1.20 0.00	40.34 1.40 0.00	40.85 1.38 0.00	46.47 1.40 0.00	47.03 -0.81 0.00	54.35 -1.97 0.01	48.60 -1.92 0.01	44.36 -0.27 0.00	42.14 0.99 0.00	38.56 0.94 0.00	35.03 0.69 0.00	32.67 0.58 0.00
FAR ROCKAWAY___4 23548	37.21 3.16 -3.11	35.98 2.88 -4.33	33.02 2.42 -5.65	30.17 2.34 -3.75	29.03 2.29 -2.90	30.38 2.42 -2.75	31.43 2.81 0.00	35.18 3.23 -1.51	36.54 3.57 -0.56	37.89 3.48 0.00	39.08 3.55 0.00	40.45 3.94 0.00	41.62 3.99 0.00	43.42 4.48 0.00	50.05 4.66 -5.92	50.59 5.50 -0.01	58.20 5.84 -4.52	69.03 6.76 -5.94	60.50 6.01 -3.96	49.71 5.09 0.00	45.56 4.40 0.00	41.60 3.99 0.00	37.71 3.37 0.00	35.53 3.43 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.27 2.32 0.00	30.93 2.16 0.00	26.72 1.77 0.00	25.81 1.73 0.00	25.51 1.67 0.00	26.98 1.76 0.00	30.77 2.15 0.00	33.03 2.59 0.00	35.24 2.82 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.65 3.14 0.00	40.80 3.16 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.58 4.74 0.00	61.80 5.46 0.00	55.28 4.75 0.00	48.46 3.84 0.00	44.57 3.42 0.00	40.70 3.08 0.00	37.09 2.75 0.00	34.85 2.76 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.27 2.32 0.00	30.95 2.19 0.00	26.72 1.77 0.00	25.81 1.73 0.00	25.53 1.69 0.00	26.98 1.76 0.00	30.77 2.15 0.00	33.03 2.59 0.00	35.24 2.82 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.65 3.14 0.00	40.80 3.16 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.58 4.74 0.00	61.80 5.46 0.00	55.28 4.75 0.00	48.46 3.84 0.00	44.57 3.42 0.00	40.74 3.12 0.00	37.13 2.78 0.00	34.85 2.76 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.24 2.29 0.00	30.93 2.16 0.00	26.70 1.75 0.00	25.81 1.73 0.00	25.51 1.67 0.00	26.95 1.74 0.00	30.77 2.15 0.00	33.00 2.56 0.00	35.24 2.82 0.00	37.20 2.79 0.00	38.40 2.88 0.00	39.61 3.10 0.00	40.76 3.12 0.00	42.17 3.23 0.00	42.86 3.39 0.00	49.22 4.15 0.00	52.53 4.69 0.00	61.74 5.41 0.00	55.23 4.70 0.00	48.42 3.79 0.00	44.53 3.37 0.00	40.66 3.05 0.00	37.06 2.71 0.00	34.82 2.73 0.00
FARRAGUT___LBMP 323566	33.20 2.26 0.00	30.90 2.13 0.00	26.67 1.72 0.00	25.79 1.71 0.00	25.48 1.64 0.00	26.93 1.71 0.00	30.74 2.12 0.00	32.97 2.53 0.00	35.20 2.79 0.00	37.16 2.75 0.00	38.33 2.81 0.00	39.57 3.07 0.00	40.72 3.09 0.00	42.14 3.19 0.00	42.82 3.35 0.00	49.18 4.10 0.00	52.49 4.64 0.00	61.69 5.35 0.00	55.18 4.65 0.00	48.37 3.75 0.00	44.49 3.33 0.00	40.63 3.01 0.00	37.06 2.71 0.00	34.79 2.70 0.00
FENNER___WINDPWR 24204	31.47 0.53 0.00	29.17 0.40 0.00	25.28 0.32 0.00	24.37 0.29 0.00	24.15 0.31 0.00	25.59 0.38 0.00	29.06 0.43 0.00	30.96 0.52 0.00	32.84 0.42 0.00	35.06 0.65 0.00	36.27 0.75 0.00	37.53 1.02 0.00	38.73 1.09 0.00	40.03 1.09 0.00	40.49 1.02 0.00	46.15 1.08 0.00	49.23 1.39 0.00	58.08 1.75 0.00	52.20 1.67 0.00	46.10 1.47 0.00	42.43 1.28 0.00	38.74 1.13 0.00	35.17 0.82 0.00	32.64 0.55 0.00
FIBERTEK___ENERGY 23856	30.48 -0.46 0.00	28.25 -0.52 0.00	24.53 -0.42 0.00	23.67 -0.41 0.00	23.43 -0.41 0.00	24.83 -0.38 0.00	28.11 -0.52 0.00	29.90 -0.55 0.00	31.73 -0.68 0.00	33.96 -0.45 0.00	35.13 -0.39 0.00	36.33 -0.18 0.00	37.56 -0.08 0.00	38.98 0.04 0.00	39.39 -0.08 0.00	44.76 -0.32 0.00	47.70 -0.14 0.00	56.22 -0.11 0.00	50.48 -0.05 0.00	44.45 -0.18 0.00	40.95 -0.21 0.00	37.43 -0.19 0.00	34.04 -0.31 0.00	31.64 -0.45 0.00
FITZPATRICK____ 23598	29.58 -1.36 0.00	27.47 -1.29 0.00	23.86 -1.10 0.00	23.05 -1.03 0.00	22.84 -1.00 0.00	24.15 -1.06 0.00	27.31 -1.32 0.00	29.08 -1.37 0.00	30.86 -1.56 0.00	32.97 -1.44 0.00	34.10 -1.42 0.00	35.27 -1.24 0.00	36.39 -1.24 0.00	37.69 -1.25 0.00	38.13 -1.34 0.00	43.36 -1.71 0.00	46.17 -1.68 0.00	54.36 -1.97 0.00	48.81 -1.72 0.00	43.06 -1.56 0.00	39.67 -1.48 0.00	36.26 -1.35 0.00	33.00 -1.34 0.00	30.71 -1.38 0.00
FLOWRFLD_69_KV_BK1 356044	36.99 2.94 -3.11	35.86 2.76 -4.33	32.95 2.35 -5.65	30.14 2.31 -3.75	28.98 2.24 -2.90	30.35 2.40 -2.75	31.43 2.81 0.00	35.03 3.08 -1.51	36.34 3.37 -0.56	37.72 3.30 0.00	38.51 2.98 0.00	39.94 3.43 0.00	41.06 3.42 0.00	43.00 4.05 0.00	49.34 3.95 -5.92	49.86 4.78 -0.01	57.32 5.65 -3.83	68.80 6.53 -5.94	60.15 5.66 -3.96	48.95 4.33 0.00	45.06 3.91 0.00	41.01 3.39 0.00	37.06 2.71 0.00	35.08 2.98 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.05 2.10 0.00	30.72 1.96 0.00	26.62 1.67 0.00	25.69 1.61 0.00	25.39 1.55 0.00	26.80 1.59 0.00	30.54 1.92 0.00	32.52 2.07 0.00	34.75 2.33 0.00	36.68 2.27 0.00	37.83 2.31 0.00	39.03 2.52 0.00	40.23 2.60 0.00	41.67 2.73 0.00	42.43 2.96 0.00	48.63 3.56 0.00	51.96 4.11 0.00	61.12 4.79 0.00	54.83 4.30 0.00	48.15 3.53 0.00	44.20 3.05 0.00	40.21 2.60 0.00	36.75 2.40 0.00	34.44 2.34 0.00
FORT ORANGE____ 23900	31.81 0.87 0.00	29.60 0.83 0.00	25.70 0.75 0.00	24.78 0.70 0.00	24.51 0.67 0.00	25.92 0.70 0.00	29.43 0.80 0.00	30.90 0.46 0.00	32.97 0.55 0.00	34.86 0.45 0.00	35.88 0.36 0.00	36.87 0.37 0.00	38.05 0.41 0.00	39.29 0.35 0.00	39.94 0.48 0.00	45.66 0.58 0.00	48.61 0.76 0.00	57.46 1.13 0.00	51.59 1.06 0.00	45.56 0.94 0.00	42.06 0.90 0.00	38.29 0.68 0.00	34.89 0.55 0.00	32.99 0.90 0.00
FORT_DRUM_COGEN 23780	30.33 -0.62 0.00	28.11 -0.66 0.00	24.33 -0.62 0.00	23.48 -0.60 0.00	23.31 -0.52 0.00	24.68 -0.53 0.00	28.14 -0.49 0.00	29.99 -0.46 0.00	31.70 -0.71 0.00	33.79 -0.62 0.00	34.78 -0.75 0.00	36.00 -0.51 0.00	36.92 -0.72 0.00	38.01 -0.93 0.00	38.44 -1.03 0.00	43.95 -1.13 0.00	46.55 -1.29 0.00	55.21 -1.13 0.00	49.87 -0.66 0.00	44.54 -0.09 0.00	41.11 -0.04 0.00	37.65 0.04 0.00	34.10 -0.24 0.00	31.52 -0.58 0.00
FOX_HILLS___ESR 323835	33.48 2.54 0.00	31.13 2.36 0.00	26.90 1.95 0.00	25.98 1.90 0.00	25.67 1.84 0.00	27.08 1.87 0.00	30.86 2.23 0.00	33.13 2.68 0.00	35.30 2.88 0.00	37.10 2.68 0.00	38.33 2.81 0.00	39.54 3.03 0.00	40.72 3.09 0.00	42.06 3.12 0.00	42.74 3.28 0.00	49.13 4.06 0.00	52.49 4.64 0.00	70.59 5.35 -8.91	55.18 4.65 0.00	48.37 3.75 0.00	44.49 3.33 0.00	40.51 2.90 0.00	37.27 2.92 -0.01	36.33 2.66 -1.57
FPL FAR_ROCK_GT1 24212	37.21 3.16 -3.11	35.98 2.88 -4.33	33.05 2.45 -5.65	30.14 2.31 -3.75	29.01 2.27 -2.90	30.38 2.42 -2.75	31.43 2.81 0.00	35.15 3.20 -1.51	36.51 3.53 -0.56	37.72 3.30 0.00	38.97 3.44 0.00	40.34 3.83 0.00	41.55 3.91 0.00	43.42 4.48 0.00	50.00 4.62 -5.92	50.58 5.50 -0.01	58.21 5.84 -4.53	69.03 6.76 -5.94	60.40 5.91 -3.96	49.71 5.09 0.00	45.56 4.41 0.00	41.79 4.18 0.00	37.92 3.57 0.00	35.66 3.56 0.00

FPL FAR_ROCK_GT2 23815	37.21 3.16 -3.11	35.98 2.88 -4.33	33.05 2.45 -5.65	30.14 2.31 -3.75	29.01 2.27 -2.90	30.38 2.42 -2.75	31.43 2.81 0.00	35.15 3.20 -1.51	36.51 3.53 -0.56	37.72 3.30 0.00	38.97 3.44 0.00	40.34 3.83 0.00	41.55 3.91 0.00	43.42 4.48 0.00	50.00 4.62 -5.92	50.58 5.50 -0.01	58.21 5.84 -4.53	69.03 6.76 -5.94	60.40 5.91 -3.96	49.71 5.09 0.00	45.56 4.41 0.00	41.79 4.18 0.00	37.92 3.57 0.00	35.66 3.56 0.00
FRANKLIN_FALL_HYD 24054	30.79 -0.15 0.00	28.71 -0.06 0.00	24.85 -0.10 0.00	24.01 -0.07 0.00	23.82 -0.02 0.00	25.11 -0.10 0.00	28.74 0.11 0.00	30.66 0.21 0.00	32.64 0.23 0.00	34.58 0.17 0.00	35.67 0.14 0.00	36.47 -0.04 0.00	37.48 -0.15 0.00	38.90 -0.04 0.00	39.39 -0.08 0.00	44.89 -0.18 0.00	46.12 -1.72 0.00	53.96 -2.37 0.01	48.35 -2.17 0.01	43.47 -1.16 0.00	40.70 -0.45 0.00	37.32 -0.30 0.00	33.97 -0.38 0.00	31.68 -0.42 0.00
FREEPORT_EQUS_GT1 23764	36.90 2.85 -3.11	35.75 2.64 -4.33	32.82 2.22 -5.65	29.97 2.14 -3.75	28.84 2.10 -2.90	30.18 2.22 -2.75	31.23 2.60 0.00	34.91 2.95 -1.51	36.25 3.27 -0.56	37.40 2.99 0.00	38.54 3.02 0.00	39.94 3.43 0.00	41.06 3.42 0.00	42.95 4.01 0.00	49.53 4.14 -5.92	50.04 4.96 -0.01	58.03 5.50 -4.69	68.63 6.36 -5.94	60.05 5.56 -3.96	49.18 4.55 0.00	45.07 3.91 0.00	41.34 3.72 0.00	37.50 3.16 0.00	35.33 3.24 0.00
FREEPORT___CT2 23818	36.90 2.85 -3.11	35.75 2.64 -4.33	32.82 2.22 -5.65	29.97 2.14 -3.75	28.84 2.10 -2.90	30.18 2.22 -2.75	31.23 2.60 0.00	34.91 2.95 -1.51	36.25 3.27 -0.56	37.40 2.99 0.00	38.54 3.02 0.00	39.94 3.43 0.00	41.06 3.42 0.00	42.95 4.01 0.00	49.53 4.14 -5.92	50.04 4.96 -0.01	58.03 5.50 -4.69	68.63 6.36 -5.94	60.05 5.56 -3.96	49.18 4.55 0.00	45.07 3.91 0.00	41.34 3.72 0.00	37.50 3.16 0.00	35.33 3.24 0.00
FRESHKLS_33_KV_LOAD 356253	33.45 2.51 0.00	31.13 2.36 0.00	26.90 1.95 0.00	26.01 1.93 0.00	25.70 1.86 0.00	27.05 1.84 0.00	30.83 2.20 0.00	33.06 2.62 0.00	35.23 2.82 0.01	37.03 2.62 0.00	38.26 2.74 0.00	39.46 2.96 0.01	40.67 3.05 0.01	41.23 3.08 0.79	41.73 3.20 0.94	43.84 4.01 5.24	43.92 4.59 8.52	54.42 5.35 7.26	45.96 4.65 9.22	43.30 3.75 5.08	44.48 3.33 0.01	40.51 2.90 0.01	37.31 2.95 -0.01	35.83 2.63 -1.10
FULTON COGEN____ 23766	29.99 -0.96 0.00	27.82 -0.95 0.00	24.15 -0.80 0.00	23.31 -0.77 0.00	23.10 -0.74 0.00	24.48 -0.73 0.00	27.68 -0.94 0.00	29.44 -1.00 0.00	31.25 -1.17 0.00	33.41 -1.00 0.00	34.53 -0.99 0.00	35.70 -0.80 0.00	36.84 -0.79 0.00	38.20 -0.74 0.00	38.64 -0.83 0.00	43.90 -1.17 0.00	46.89 -0.96 0.00	55.26 -1.07 0.00	49.62 -0.91 0.00	43.73 -0.89 0.00	40.29 -0.86 0.00	36.83 -0.79 0.00	33.52 -0.82 0.00	31.16 -0.93 0.00
FULTON___LFGE 323630	35.06 4.12 0.00	32.65 3.88 0.00	28.12 3.17 0.00	27.04 2.96 0.00	26.75 2.91 0.00	28.49 3.28 0.00	32.52 3.89 0.00	34.22 3.77 0.00	36.27 3.86 0.00	38.61 4.20 0.00	39.79 4.26 0.00	41.11 4.60 0.00	42.56 4.93 0.00	43.81 4.87 0.00	44.44 4.97 0.00	50.98 5.90 0.00	54.54 6.70 0.00	66.03 9.69 0.00	59.32 8.79 0.00	52.39 7.76 0.00	48.23 7.08 0.00	43.75 6.13 0.00	39.22 4.87 0.00	36.42 4.33 0.00
G.F.CEMENT___DRP 24184	33.08 2.14 0.00	30.87 2.10 0.00	26.72 1.77 0.00	25.72 1.64 0.00	25.44 1.60 0.00	27.00 1.79 0.00	30.69 2.06 0.00	32.36 1.92 0.00	34.55 2.14 0.00	36.79 2.37 0.00	37.62 2.10 0.00	38.70 2.19 0.00	39.78 2.15 0.00	40.85 1.91 0.00	41.48 2.01 0.00	47.51 2.43 0.00	50.62 2.78 0.00	60.39 4.06 0.00	54.57 4.04 0.00	48.24 3.61 0.00	44.78 3.62 0.00	40.63 3.01 0.00	36.78 2.44 0.00	34.40 2.31 0.00
GARDENVILLE___LBMP 24039	30.73 -0.22 0.00	28.28 -0.49 0.00	24.60 -0.35 0.00	23.65 -0.43 0.00	23.41 -0.43 0.00	25.11 -0.10 0.00	28.02 -0.60 0.00	29.66 -0.79 0.00	31.41 -1.00 0.00	34.21 -0.21 0.00	35.81 0.28 0.00	37.20 0.69 0.00	38.80 1.17 0.00	40.55 1.60 -0.01	40.43 0.87 -0.10	45.16 0.05 -0.04	48.52 0.67 -0.01	57.19 0.85 -0.01	51.44 0.91 0.00	45.25 0.62 0.00	41.61 0.45 0.00	38.60 0.98 0.00	34.62 0.27 0.00	32.16 0.06 0.00
GARDNVLA_35_KV_LD 355827	30.88 -0.06 0.00	28.39 -0.37 0.00	24.73 -0.22 0.00	23.77 -0.31 0.00	23.53 -0.31 0.00	25.24 0.03 0.00	28.17 -0.46 0.00	29.78 -0.67 0.00	31.58 -0.84 0.00	34.42 0.00 0.00	36.03 0.50 0.00	37.42 0.91 0.00	39.07 1.43 0.00	40.82 1.87 -0.01	40.65 1.11 -0.08	45.42 0.32 -0.03	48.81 0.96 -0.01	57.47 1.13 -0.01	51.70 1.16 0.00	45.52 0.89 0.00	41.82 0.66 0.00	38.79 1.17 0.00	34.80 0.45 0.00	32.32 0.22 0.00
GELCKHM___115KV_LOAD 80723	30.23 -0.71 0.00	28.05 -0.72 0.00	24.35 -0.60 0.00	23.50 -0.58 0.00	23.27 -0.57 0.00	24.66 -0.55 0.00	27.91 -0.72 0.00	29.65 -0.79 0.00	31.51 -0.91 0.00	33.72 -0.69 0.00	34.85 -0.67 0.00	36.03 -0.47 0.00	37.26 -0.38 0.00	38.63 -0.31 0.00	39.07 -0.39 0.00	44.40 -0.68 0.00	47.32 -0.53 0.00	55.77 -0.56 0.00	50.08 -0.45 0.00	44.14 -0.49 0.00	40.62 -0.54 0.00	37.17 -0.45 0.00	33.80 -0.55 0.00	31.42 -0.67 0.00
GENERAL___MILLS 23808	30.79 -0.15 0.00	28.34 -0.43 0.00	24.65 -0.30 0.00	23.72 -0.36 0.00	23.46 -0.38 0.00	25.16 -0.05 0.00	28.08 -0.54 0.00	29.72 -0.73 0.00	31.48 -0.94 0.00	34.31 -0.10 0.00	35.92 0.39 0.00	37.28 0.77 0.00	38.92 1.28 0.00	40.66 1.71 -0.01	40.50 0.95 -0.08	45.24 0.14 -0.04	48.67 0.81 -0.01	57.30 0.96 -0.01	51.54 1.01 0.00	45.39 0.76 0.00	41.69 0.54 0.00	38.67 1.05 0.00	34.69 0.34 0.00	32.25 0.16 0.00
GE_PLASTICS___DRP 24183	31.69 0.74 0.00	29.52 0.75 0.00	25.60 0.65 0.00	24.71 0.63 0.00	24.46 0.62 0.00	25.84 0.63 0.00	29.34 0.72 0.00	31.12 0.67 0.00	33.13 0.71 0.00	35.10 0.69 0.00	36.16 0.64 0.00	37.20 0.69 0.00	38.35 0.72 0.00	39.60 0.66 0.00	40.22 0.75 0.00	45.97 0.90 0.00	48.99 1.15 0.00	57.74 1.41 0.00	51.84 1.31 0.00	45.74 1.12 0.00	42.14 0.99 0.00	38.41 0.79 0.00	35.03 0.69 0.00	32.83 0.74 0.00
GILBOA___1 23756	31.78 0.84 0.00	29.57 0.80 0.00	25.65 0.70 0.00	24.75 0.67 0.00	24.48 0.64 0.00	25.92 0.70 0.00	29.43 0.80 0.00	31.12 0.67 0.00	33.16 0.75 0.00	35.17 0.76 0.00	36.31 0.78 0.00	37.42 0.91 0.00	38.58 0.94 0.00	39.92 0.97 0.00	40.46 0.99 0.00	46.24 1.17 0.00	49.09 1.24 0.00	57.80 1.46 0.00	51.84 1.31 0.00	45.87 1.25 0.00	42.27 1.11 0.00	38.59 0.98 0.00	35.17 0.82 0.00	32.90 0.80 0.00
GILBOA___2 23757	31.78 0.84 0.00	29.57 0.80 0.00	25.65 0.70 0.00	24.75 0.67 0.00	24.48 0.64 0.00	25.92 0.70 0.00	29.43 0.80 0.00	31.12 0.67 0.00	33.16 0.75 0.00	35.17 0.76 0.00	36.31 0.78 0.00	37.42 0.91 0.00	38.58 0.94 0.00	39.92 0.97 0.00	40.46 0.99 0.00	46.24 1.17 0.00	49.09 1.24 0.00	57.80 1.46 0.00	51.84 1.31 0.00	45.87 1.25 0.00	42.27 1.11 0.00	38.59 0.98 0.00	35.17 0.82 0.00	32.90 0.80 0.00

GILBOA___3 23758	31.78 0.84 0.00	29.57 0.80 0.00	25.65 0.70 0.00	24.75 0.67 0.00	24.48 0.64 0.00	25.92 0.70 0.00	29.43 0.80 0.00	31.12 0.67 0.00	33.16 0.75 0.00	35.17 0.76 0.00	36.31 0.78 0.00	37.42 0.91 0.00	38.58 0.94 0.00	39.92 0.97 0.00	40.46 0.99 0.00	46.24 1.17 0.00	49.09 1.24 0.00	57.80 1.46 0.00	51.84 1.31 0.00	45.87 1.25 0.00	42.27 1.11 0.00	38.59 0.98 0.00	35.17 0.82 0.00	32.90 0.80 0.00
GILBOA___4 23759	31.78 0.84 0.00	29.57 0.80 0.00	25.65 0.70 0.00	24.75 0.67 0.00	24.48 0.64 0.00	25.92 0.70 0.00	29.43 0.80 0.00	31.12 0.67 0.00	33.16 0.75 0.00	35.17 0.76 0.00	36.31 0.78 0.00	37.42 0.91 0.00	38.58 0.94 0.00	39.92 0.97 0.00	40.46 0.99 0.00	46.24 1.17 0.00	49.09 1.24 0.00	57.80 1.46 0.00	51.84 1.31 0.00	45.87 1.25 0.00	42.27 1.11 0.00	38.59 0.98 0.00	35.17 0.82 0.00	32.90 0.80 0.00
GILBOA___ 23599	31.81 0.87 0.00	29.57 0.81 0.00	25.65 0.70 0.00	24.75 0.67 0.00	24.51 0.67 0.00	25.92 0.71 0.00	29.43 0.80 0.00	31.15 0.70 0.00	33.16 0.75 0.00	35.17 0.76 0.00	36.31 0.78 0.00	37.42 0.91 0.00	38.57 0.94 0.00	39.92 0.97 0.00	40.45 0.99 0.00	46.25 1.17 0.00	49.28 1.44 0.00	57.80 1.46 0.00	51.89 1.36 0.00	45.88 1.25 0.00	42.27 1.11 0.00	38.59 0.98 0.00	35.17 0.82 0.00	32.90 0.80 0.00
GINNA___ 23603	29.24 -1.70 0.00	26.98 -1.78 0.00	23.41 -1.55 0.00	22.59 -1.49 0.00	22.38 -1.45 0.00	23.85 -1.36 0.00	26.82 -1.80 0.00	28.65 -1.80 0.00	30.21 -2.21 0.00	32.69 -1.72 0.00	34.00 -1.53 0.00	35.45 -1.06 0.00	36.47 -1.17 0.00	37.97 -0.97 0.00	38.36 -1.10 0.01	43.36 -1.71 0.00	46.12 -1.72 0.00	54.31 -2.03 0.00	48.86 -1.67 0.00	42.93 -1.70 0.00	39.67 -1.48 0.00	36.38 -1.24 0.00	32.77 -1.58 0.00	30.33 -1.77 0.00
GLEN PARK___ 23778	30.51 -0.43 0.00	28.25 -0.52 0.00	24.45 -0.50 0.00	23.57 -0.51 0.00	23.41 -0.43 0.00	24.81 -0.40 0.00	28.28 -0.34 0.00	30.14 -0.30 0.00	31.83 -0.58 0.00	33.96 -0.45 0.00	34.96 -0.57 0.00	36.25 -0.25 0.00	37.26 -0.38 0.00	38.09 -0.86 0.00	38.60 -0.87 0.00	44.12 -0.95 0.00	46.84 -1.01 0.00	55.60 -0.73 0.00	50.28 -0.25 0.00	44.98 0.36 0.00	41.48 0.33 0.00	37.99 0.38 0.00	34.38 0.03 0.00	31.68 -0.42 0.00
GLENDALE_27_KV_LOAD 356172	33.55 2.60 0.00	31.18 2.42 0.00	26.95 2.00 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.15 1.94 0.00	31.00 2.38 0.00	33.31 2.86 0.00	35.53 3.11 0.00	37.41 2.99 0.00	38.65 3.13 0.00	39.83 3.32 0.00	41.02 3.39 0.00	42.33 3.39 0.00	43.02 3.55 0.00	49.31 4.24 0.00	52.63 4.78 0.00	61.91 5.58 0.00	55.38 4.85 0.00	48.55 3.93 0.00	44.69 3.54 0.00	40.78 3.16 0.00	37.37 3.02 0.00	35.21 2.89 -0.23
GLENWOOD_IC_1_G5 23712	36.87 2.82 -3.11	35.69 2.59 -4.33	32.77 2.17 -5.65	29.93 2.10 -3.75	28.79 2.05 -2.90	30.13 2.17 -2.75	31.17 2.55 0.00	34.91 2.95 -1.51	36.25 3.27 -0.56	37.61 3.20 0.00	38.76 3.23 0.00	40.16 3.65 0.00	40.95 3.31 0.00	42.80 3.86 0.00	49.37 3.99 -5.92	49.86 4.78 -0.01	59.65 5.41 -6.40	68.52 6.25 -5.94	59.95 5.46 -3.96	48.82 4.19 0.00	44.73 3.58 0.00	40.81 3.20 0.00	37.26 2.92 0.00	35.11 3.02 0.00
GLENWOOD_IC_2_G1 23688	36.75 2.69 -3.11	35.60 2.50 -4.33	32.70 2.10 -5.65	29.85 2.02 -3.75	28.72 1.98 -2.90	30.05 2.09 -2.75	31.09 2.46 0.00	34.79 2.83 -1.51	36.12 3.14 -0.56	37.30 2.89 0.00	38.47 2.95 0.00	39.83 3.32 0.00	40.91 3.27 0.00	42.76 3.82 0.00	49.37 3.98 -5.92	49.86 4.78 -0.01	62.20 5.40 -8.95	68.52 6.25 -5.94	59.90 5.41 -3.96	48.87 4.24 0.00	44.78 3.62 0.00	41.08 3.46 0.00	37.33 2.99 0.00	35.14 3.05 0.00
GLENWOOD_IC_3_G1 23689	36.75 2.69 -3.11	35.60 2.50 -4.33	32.70 2.10 -5.65	29.85 2.02 -3.75	28.72 1.98 -2.90	30.05 2.09 -2.75	31.09 2.46 0.00	34.79 2.83 -1.51	36.12 3.14 -0.56	37.30 2.89 0.00	38.47 2.95 0.00	39.83 3.32 0.00	40.91 3.27 0.00	42.76 3.82 0.00	49.37 3.98 -5.92	49.86 4.78 -0.01	62.20 5.40 -8.95	68.52 6.25 -5.94	59.90 5.41 -3.96	48.87 4.24 0.00	44.78 3.62 0.00	41.08 3.46 0.00	37.33 2.99 0.00	35.14 3.05 0.00
GLENWOOD___4 23550	36.87 2.82 -3.11	35.69 2.59 -4.33	32.77 2.17 -5.65	29.93 2.10 -3.75	28.79 2.05 -2.90	30.13 2.17 -2.75	31.17 2.55 0.00	34.91 2.95 -1.51	36.25 3.27 -0.56	37.61 3.20 0.00	38.76 3.23 0.00	40.16 3.65 0.00	41.06 3.42 0.00	42.88 3.93 0.00	49.49 4.10 -5.92	50.00 4.91 -0.01	59.79 5.55 -6.40	68.69 6.42 -5.94	60.10 5.61 -3.96	48.95 4.33 0.00	44.86 3.70 0.00	40.93 3.31 0.00	37.26 2.92 0.00	35.11 3.02 0.00
GLENWOOD___5 23614	36.87 2.82 -3.11	35.69 2.59 -4.33	32.77 2.17 -5.65	29.93 2.10 -3.75	28.79 2.05 -2.90	30.13 2.17 -2.75	31.17 2.55 0.00	34.91 2.95 -1.51	36.25 3.27 -0.56	37.61 3.20 0.00	38.76 3.23 0.00	40.16 3.65 0.00	41.06 3.42 0.00	42.88 3.93 0.00	49.49 4.10 -5.92	50.00 4.91 -0.01	59.79 5.55 -6.40	68.69 6.42 -5.94	60.10 5.61 -3.96	48.95 4.33 0.00	44.86 3.70 0.00	40.93 3.31 0.00	37.26 2.92 0.00	35.11 3.02 0.00
GLOBAL GREEN_PORT_GT1 23814	38.14 4.08 -3.11	36.81 3.71 -4.33	33.77 3.17 -5.65	30.89 3.06 -3.75	29.67 2.93 -2.90	31.14 3.18 -2.75	32.38 3.75 0.00	35.91 3.96 -1.51	37.48 4.50 -0.56	38.85 4.44 0.00	40.26 4.73 0.00	41.88 5.37 0.00	43.13 5.49 0.00	45.22 6.27 0.00	51.74 6.36 -5.92	52.52 7.44 -0.01	60.47 8.80 -3.82	72.47 10.20 -5.94	63.33 8.84 -3.96	51.54 6.92 0.00	47.21 6.05 0.00	43.38 5.76 0.00	38.78 4.43 0.00	36.62 4.53 0.00
GLOBE___DSASP 323697	29.01 -1.92 0.02	26.73 -2.01 0.02	23.34 -1.60 0.02	22.42 -1.64 0.02	22.20 -1.62 0.02	23.78 -1.41 0.02	26.49 -2.12 0.02	27.87 -2.56 0.02	29.48 -2.92 0.02	32.15 -2.24 0.02	33.62 -1.88 0.02	34.92 -1.57 0.02	36.41 -1.20 0.02	38.06 -0.86 0.02	38.00 -1.42 0.05	42.38 -2.66 0.03	45.57 -2.25 0.02	53.66 -2.65 0.02	48.23 -2.27 0.02	42.46 -2.14 0.02	39.12 -2.02 0.02	36.28 -1.32 0.02	32.57 -1.75 0.02	30.28 -1.80 0.02
GOETHSLN___LBMP 323567	33.08 2.14 0.00	30.75 1.98 0.00	26.55 1.60 0.00	25.67 1.59 0.00	25.36 1.53 0.00	26.80 1.59 0.00	30.60 1.98 0.00	32.82 2.37 0.00	35.04 2.63 0.00	36.99 2.58 0.00	38.19 2.66 0.00	39.36 2.85 0.00	40.46 2.82 0.00	41.08 2.92 0.78	41.62 3.08 0.93	43.63 3.79 5.23	43.63 4.31 8.52	54.03 4.96 7.26	45.61 4.30 9.22	42.99 3.44 5.08	44.20 3.05 0.00	40.51 2.90 0.00	36.92 2.58 0.00	34.69 2.60 0.00
GOLAH___69_KV_TB 1_2 80279	30.70 -0.25 0.00	28.37 -0.40 0.00	24.58 -0.37 0.00	23.65 -0.43 0.00	23.41 -0.43 0.00	25.03 -0.18 0.00	28.11 -0.52 0.00	29.78 -0.67 0.00	31.44 -0.97 0.00	34.14 -0.28 0.00	35.53 0.00 0.00	36.87 0.37 0.00	38.27 0.64 0.00	39.92 0.97 0.00	40.21 0.75 0.00	45.21 0.14 0.00	48.08 0.24 0.00	56.78 0.45 0.00	51.14 0.61 0.00	45.07 0.45 0.00	41.65 0.49 0.00	38.33 0.71 0.00	34.59 0.24 0.00	32.13 0.03 0.00

GOODYEAR_LAKE_HYD 323669	32.28 1.33 0.00	29.95 1.18 0.00	25.93 0.97 0.00	25.00 0.92 0.00	24.74 0.91 0.00	26.24 1.03 0.00	29.83 1.20 0.00	31.72 1.28 0.00	33.68 1.26 0.00	35.86 1.45 0.00	37.09 1.56 0.00	38.41 1.90 0.00	39.63 1.99 0.00	40.97 2.02 0.00	41.52 2.05 0.00	47.42 2.34 0.00	50.62 2.78 0.00	59.77 3.44 0.00	53.71 3.18 0.00	47.44 2.81 0.00	43.62 2.47 0.00	39.84 2.22 0.00	36.13 1.79 0.00	33.57 1.48 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.16 0.22 0.00	28.85 0.09 0.00	25.03 0.07 0.00	24.13 0.05 0.00	23.89 0.05 0.00	25.41 0.20 0.00	28.71 0.09 0.00	30.54 0.09 0.00	32.45 0.03 0.00	34.76 0.34 0.00	36.06 0.53 0.00	37.31 0.80 0.00	38.61 0.98 0.00	40.11 1.17 0.00	40.38 0.91 -0.01	45.89 0.81 0.00	49.04 1.20 0.00	57.86 1.52 0.00	51.95 1.41 0.00	45.79 1.16 0.00	42.14 0.99 0.00	38.59 0.98 0.00	35.00 0.65 0.00	32.48 0.39 0.00
GOUDEY___7 23579	31.16 0.22 0.00	28.88 0.12 0.00	25.05 0.10 0.00	24.15 0.07 0.00	23.91 0.07 0.00	25.44 0.23 0.00	28.74 0.11 0.00	30.57 0.12 0.00	32.48 0.06 0.00	34.79 0.38 0.00	36.09 0.57 0.00	37.35 0.84 0.00	38.69 1.05 0.00	40.15 1.21 0.00	40.42 0.95 -0.01	45.93 0.86 0.00	49.09 1.24 0.00	57.91 1.58 0.00	52.00 1.47 0.00	45.83 1.20 0.00	42.18 1.03 0.00	38.63 1.02 0.00	35.03 0.69 0.00	32.51 0.42 0.00
GOUDEY___8 23580	31.16 0.22 0.00	28.85 0.09 0.00	25.03 0.07 0.00	24.13 0.05 0.00	23.89 0.05 0.00	25.41 0.20 0.00	28.71 0.09 0.00	30.54 0.09 0.00	32.45 0.03 0.00	34.76 0.34 0.00	36.06 0.53 0.00	37.31 0.80 0.00	38.61 0.98 0.00	40.11 1.17 0.00	40.38 0.91 -0.01	45.89 0.81 0.00	49.04 1.20 0.00	57.86 1.52 0.00	51.95 1.41 0.00	45.79 1.16 0.00	42.14 0.99 0.00	38.59 0.98 0.00	35.00 0.65 0.00	32.48 0.39 0.00
GOWANUS_GT1_1 24077	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT1_2 24078	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT1_3 24079	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT1_4 24080	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT1_5 24084	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT1_6 24111	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT1_7 24112	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT1_8 24113	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT2_1 24114	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT2_2 24115	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT2_3 24116	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57

GOWANUS_GT2_4 24117	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT2_5 24118	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT2_6 24119	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT2_7 24120	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT2_8 24121	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT3_1 24122	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT3_2 24123	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT3_3 24124	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT3_4 24125	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT3_5 24126	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT3_6 24127	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT3_7 24128	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT3_8 24129	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT4_1 24130	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT4_2 24131	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57

GOWANUS_GT4_3 24132	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT4_4 24133	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT4_5 24134	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT4_6 24135	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT4_7 24136	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GOWANUS_GT4_8 24137	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GREENBSH_115KV_TB3 55895	31.63 0.68 0.00	29.43 0.66 0.00	25.55 0.60 0.00	24.66 0.58 0.00	24.41 0.57 0.00	25.79 0.58 0.00	29.28 0.66 0.00	31.02 0.58 0.00	33.03 0.62 0.00	34.96 0.55 0.00	36.02 0.50 0.00	37.09 0.58 0.00	38.20 0.56 0.00	39.41 0.47 0.00	40.06 0.59 0.00	45.79 0.72 0.00	48.80 0.96 0.00	57.57 1.24 0.00	51.64 1.11 0.00	45.56 0.94 0.00	42.02 0.86 0.00	38.29 0.68 0.00	34.89 0.55 0.00	32.74 0.64 0.00
GREENIDGE_115KV_TB5 80291	31.01 0.06 0.00	28.77 0.00 0.00	24.95 0.00 0.00	24.03 -0.05 0.00	23.82 -0.02 0.00	25.41 0.20 0.00	28.68 0.06 0.00	30.39 -0.06 0.00	32.71 0.29 0.00	35.20 0.79 0.00	36.56 1.03 0.00	37.89 1.39 0.00	39.36 1.73 0.00	40.97 2.02 0.00	41.10 1.62 -0.01	46.56 1.49 0.00	49.09 1.24 0.00	58.08 1.75 0.00	52.25 1.72 0.00	46.01 1.38 0.00	42.31 1.15 0.00	38.78 1.17 0.00	34.96 0.62 0.00	32.35 0.26 0.00
GREENIDGE___3 23582	31.01 0.06 0.00	28.77 0.00 0.00	24.95 0.00 0.00	24.03 -0.05 0.00	23.82 -0.02 0.00	25.41 0.20 0.00	28.68 0.06 0.00	30.39 -0.06 0.00	32.71 0.29 0.00	35.20 0.79 0.00	36.56 1.03 0.00	37.89 1.39 0.00	39.36 1.73 0.00	40.97 2.02 0.00	41.10 1.62 -0.01	46.56 1.49 0.00	49.09 1.24 0.00	58.08 1.75 0.00	52.25 1.72 0.00	46.01 1.38 0.00	42.31 1.15 0.00	38.78 1.17 0.00	34.96 0.62 0.00	32.35 0.26 0.00
GREENIDGE___4 23583	31.04 0.09 0.00	28.80 0.03 0.00	24.98 0.02 0.00	24.08 0.00 0.00	23.84 0.00 0.00	25.46 0.25 0.00	28.71 0.09 0.00	30.51 0.06 0.00	32.77 0.36 0.00	35.27 0.86 0.00	36.66 1.14 0.00	38.19 1.68 0.00	39.48 1.84 0.00	41.04 2.10 0.00	41.26 1.78 -0.01	46.52 1.44 -0.01	49.23 1.39 0.00	58.08 1.75 0.00	52.40 1.87 0.00	46.10 1.47 0.00	42.39 1.23 0.00	38.86 1.24 0.00	34.96 0.62 0.00	32.29 0.19 0.00
GREENLWN_69_KV_BK 3 55738	36.25 2.20 -3.11	35.23 2.13 -4.33	32.35 1.75 -5.65	29.54 1.71 -3.75	28.41 1.67 -2.90	29.70 1.74 -2.75	30.72 2.09 0.00	34.39 2.44 -1.51	35.66 2.69 -0.56	36.92 2.51 0.00	37.90 2.38 0.00	39.28 2.77 0.00	40.38 2.75 0.00	42.25 3.31 0.00	48.86 3.47 -5.92	49.28 4.19 -0.01	56.56 4.83 -3.88	67.85 5.58 -5.94	59.34 4.85 -3.96	48.24 3.61 0.00	44.20 3.05 0.00	40.29 2.67 0.00	36.47 2.13 0.00	34.40 2.31 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
GRISSOM___SOLAR 323813	35.06 4.12 0.00	32.65 3.88 0.00	28.12 3.17 0.00	27.04 2.96 0.00	26.75 2.91 0.00	28.49 3.28 0.00	32.52 3.89 0.00	34.22 3.77 0.00	36.27 3.86 0.00	38.61 4.20 0.00	39.79 4.26 0.00	41.11 4.60 0.00	42.56 4.93 0.00	43.81 4.87 0.00	44.44 4.97 0.00	50.98 5.90 0.00	54.54 6.70 0.00	66.03 9.69 0.00	59.32 8.79 0.00	52.39 7.76 0.00	48.23 7.08 0.00	43.75 6.13 0.00	39.22 4.87 0.00	36.42 4.33 0.00
GROVEVILLE___HYD 323602	33.05 2.10 0.00	30.72 1.96 0.00	26.62 1.67 0.00	25.69 1.61 0.00	25.39 1.55 0.00	26.80 1.59 0.00	30.54 1.92 0.00	32.52 2.07 0.00	34.75 2.33 0.00	36.68 2.27 0.00	37.83 2.31 0.00	39.03 2.52 0.00	40.23 2.60 0.00	41.67 2.73 0.00	42.43 2.96 0.00	48.63 3.56 0.00	51.96 4.11 0.00	61.12 4.79 0.00	54.83 4.30 0.00	48.15 3.53 0.00	44.20 3.05 0.00	40.21 2.60 0.00	36.75 2.40 0.00	34.44 2.34 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.48 -0.46 0.00	28.25 -0.52 0.00	24.53 -0.42 0.00	23.67 -0.41 0.00	23.43 -0.41 0.00	24.83 -0.38 0.00	28.11 -0.52 0.00	29.90 -0.55 0.00	31.73 -0.68 0.00	33.96 -0.45 0.00	35.13 -0.39 0.00	36.33 -0.18 0.00	37.56 -0.08 0.00	38.98 0.04 0.00	39.39 -0.08 0.00	44.76 -0.32 0.00	47.70 -0.14 0.00	56.22 -0.11 0.00	50.48 -0.05 0.00	44.45 -0.18 0.00	40.95 -0.21 0.00	37.43 -0.19 0.00	34.04 -0.31 0.00	31.64 -0.45 0.00

HAMLTNNY_34_KV_TB 80303	30.54 -0.40 0.00	28.34 -0.43 0.00	24.58 -0.37 0.00	23.72 -0.36 0.00	23.51 -0.33 0.00	24.91 -0.30 0.00	28.17 -0.46 0.00	29.96 -0.49 0.00	31.86 -0.55 0.00	34.14 -0.28 0.00	35.35 -0.18 0.00	36.54 0.04 0.00	37.78 0.15 0.00	39.25 0.31 0.00	39.63 0.16 0.00	45.03 -0.05 0.00	47.89 0.05 0.00	56.50 0.17 0.00	50.73 0.20 0.00	44.72 0.09 0.00	41.15 0.00 0.00	37.62 0.00 0.00	34.17 -0.17 0.00	31.74 -0.35 0.00
HAMPSHIRE___PAPER_HYD 323593	29.95 -0.99 0.00	27.82 -0.95 0.00	24.08 -0.87 0.00	23.24 -0.84 0.00	23.05 -0.79 0.00	24.35 -0.86 0.00	27.79 -0.83 0.00	29.63 -0.82 0.00	31.44 -0.97 0.00	33.38 -1.03 0.00	34.39 -1.14 0.00	35.38 -1.13 0.00	36.39 -1.24 0.00	37.50 -1.44 0.00	37.97 -1.50 0.00	43.41 -1.67 0.00	45.50 -2.34 0.00	53.68 -2.65 0.01	48.25 -2.27 0.00	43.02 -1.60 0.00	39.84 -1.32 0.00	36.68 -0.94 0.00	33.38 -0.96 0.00	30.97 -1.12 0.00
HARDSCRABBLE_WT_PWR 323673	31.41 0.46 0.00	29.14 0.37 0.00	25.25 0.30 0.00	24.35 0.27 0.00	24.10 0.26 0.00	25.49 0.28 0.00	28.97 0.34 0.00	30.84 0.39 0.00	32.84 0.42 0.00	34.93 0.52 0.00	36.09 0.57 0.00	37.24 0.73 0.00	38.31 0.68 0.00	39.60 0.66 0.00	40.14 0.67 0.00	45.84 0.77 0.00	48.80 0.96 0.00	57.52 1.18 0.00	51.59 1.06 0.00	45.47 0.85 0.00	41.85 0.70 0.00	38.26 0.64 0.00	34.86 0.52 0.00	32.51 0.42 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.80 1.86 0.00	30.49 1.73 0.00	26.42 1.47 0.00	25.50 1.42 0.00	25.22 1.38 0.00	26.65 1.44 0.00	30.31 1.69 0.00	32.33 1.89 0.00	34.55 2.14 0.00	36.51 2.10 0.00	37.69 2.17 0.00	38.88 2.37 0.00	40.08 2.45 0.00	41.51 2.57 0.00	42.23 2.76 0.00	48.45 3.38 0.00	51.72 3.88 0.00	60.84 4.51 0.00	54.52 3.99 0.00	47.88 3.26 0.00	43.99 2.84 0.00	40.06 2.45 0.00	36.58 2.23 0.00	34.28 2.18 0.00
HARSNRAD_115KV_TB1 81005	30.05 -0.90 0.00	27.67 -1.09 0.00	24.13 -0.82 0.00	23.19 -0.89 0.00	22.96 -0.88 0.00	24.58 -0.63 0.00	27.42 -1.20 0.00	28.87 -1.58 0.00	30.51 -1.91 0.00	33.31 -1.10 0.00	34.78 -0.75 0.00	36.11 -0.40 0.00	37.68 0.04 0.00	39.38 0.43 -0.01	39.33 -0.16 -0.02	43.87 -1.22 -0.01	47.08 -0.77 -0.01	55.49 -0.85 -0.01	49.93 -0.61 0.00	43.96 -0.67 0.00	40.54 -0.62 0.00	37.62 0.00 0.00	33.87 -0.48 0.00	31.52 -0.58 0.00
HARZA MOOSE___RIVER 24016	31.16 0.22 0.00	28.91 0.14 0.00	25.03 0.07 0.00	24.13 0.05 0.00	23.91 0.07 0.00	25.31 0.10 0.00	28.86 0.23 0.00	30.72 0.27 0.00	32.61 0.19 0.00	34.69 0.28 0.00	35.81 0.28 0.00	36.98 0.47 0.00	38.09 0.45 0.00	39.37 0.43 0.00	39.82 0.36 0.00	45.52 0.45 0.00	48.42 0.57 0.00	57.18 0.85 0.00	51.44 0.91 0.00	45.56 0.94 0.00	42.02 0.86 0.00	38.41 0.79 0.00	34.86 0.52 0.00	32.32 0.22 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.26 -0.68 0.00	28.05 -0.72 0.00	24.35 -0.60 0.00	23.50 -0.58 0.00	23.29 -0.55 0.00	24.68 -0.53 0.00	27.94 -0.69 0.00	29.68 -0.76 0.00	31.54 -0.88 0.00	33.79 -0.62 0.00	34.92 -0.60 0.00	36.07 -0.44 0.00	37.30 -0.34 0.00	38.71 -0.23 0.00	39.11 -0.36 0.00	44.44 -0.63 0.00	47.41 -0.43 0.00	55.88 -0.45 0.00	50.13 -0.40 0.00	44.18 -0.45 0.00	40.66 -0.49 0.00	37.20 -0.41 0.00	33.83 -0.52 0.00	31.45 -0.64 0.00
HELLGATE_13_KV_LD 55870	33.39 2.44 0.00	31.04 2.27 0.00	26.82 1.87 0.00	25.93 1.85 0.00	25.63 1.79 0.00	27.03 1.82 0.00	30.86 2.23 0.00	33.09 2.65 0.00	35.27 2.85 0.00	37.16 2.75 0.00	38.40 2.88 0.00	39.57 3.07 0.00	40.72 3.09 0.00	42.02 3.08 0.00	42.66 3.20 0.00	48.90 3.83 0.00	52.20 4.35 0.00	61.40 5.07 0.00	54.93 4.40 0.00	48.15 3.53 0.00	44.32 3.17 0.00	40.48 2.86 0.00	37.13 2.78 0.00	34.98 2.66 -0.22
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.39 2.44 0.00	31.04 2.27 0.00	26.82 1.87 0.00	25.93 1.85 0.00	25.63 1.79 0.00	27.03 1.82 0.00	30.86 2.23 0.00	33.09 2.65 0.00	35.27 2.85 0.00	37.16 2.75 0.00	38.40 2.88 0.00	39.57 3.07 0.00	40.72 3.09 0.00	42.02 3.08 0.00	42.66 3.20 0.00	48.90 3.83 0.00	52.20 4.35 0.00	61.40 5.07 0.00	54.93 4.40 0.00	48.15 3.53 0.00	44.32 3.17 0.00	40.48 2.86 0.00	37.13 2.78 0.00	34.98 2.66 -0.22
HEMPSTEAD____ 23647	36.65 2.60 -3.11	35.52 2.42 -4.33	32.65 2.05 -5.65	29.78 1.95 -3.75	28.67 1.93 -2.90	29.98 2.02 -2.75	31.03 2.40 -1.51	34.70 2.74 -0.56	36.02 3.05 -0.56	37.20 2.79 0.00	38.37 2.84 0.00	39.72 3.21 0.00	40.76 3.12 0.00	42.64 3.70 0.00	49.26 3.87 -5.92	49.69 4.60 -0.01	58.32 5.22 -5.26	68.36 6.09 -5.94	59.75 5.25 -3.96	48.73 4.10 0.00	44.65 3.50 0.00	40.96 3.35 0.00	37.23 2.89 0.00	35.08 2.99 0.00
HEWLETT_69_KV_BK3 55828	37.03 2.97 -3.11	35.80 2.70 -4.33	32.90 2.30 -5.65	30.05 2.22 -3.75	28.89 2.15 -2.90	30.23 2.27 -2.75	31.29 2.66 0.00	35.03 3.08 -1.51	36.34 3.37 -0.56	37.65 3.23 0.00	38.83 3.30 0.00	40.16 3.65 0.00	41.32 3.69 0.00	43.11 4.17 0.00	49.73 4.34 -5.92	50.22 5.14 -0.01	57.96 5.60 -4.52	68.80 6.53 -5.94	60.25 5.76 -3.96	49.36 4.73 0.00	45.23 4.07 0.00	41.30 3.69 0.00	37.50 3.16 0.00	35.30 3.21 0.00
HICKLING___1 23621	31.26 0.31 0.00	28.88 0.12 0.00	25.08 0.12 0.00	24.13 0.05 0.00	23.91 0.07 0.00	25.56 0.35 0.00	28.77 0.14 0.00	30.57 0.12 0.00	32.48 0.06 0.00	35.07 0.65 0.00	36.56 1.03 0.00	37.89 1.39 0.00	39.40 1.77 0.00	41.01 2.06 0.00	41.02 1.54 -0.01	46.34 1.26 -0.01	49.66 1.82 0.00	58.64 2.31 0.00	52.75 2.22 0.00	46.41 1.79 0.00	42.68 1.52 0.00	39.20 1.58 0.00	35.34 1.00 0.00	32.67 0.58 0.00
HICKLING___2 23622	31.26 0.31 0.00	28.88 0.12 0.00	25.08 0.12 0.00	24.13 0.05 0.00	23.91 0.07 0.00	25.56 0.35 0.00	28.77 0.14 0.00	30.57 0.12 0.00	32.48 0.06 0.00	35.07 0.65 0.00	36.56 1.03 0.00	37.89 1.39 0.00	39.40 1.77 0.00	41.01 2.06 0.00	41.02 1.54 -0.01	46.34 1.26 -0.01	49.66 1.82 0.00	58.64 2.31 0.00	52.75 2.22 0.00	46.41 1.79 0.00	42.68 1.52 0.00	39.20 1.58 0.00	35.34 1.00 0.00	32.67 0.58 0.00
HIGH FALLS___HY 23754	32.80 1.86 0.00	30.49 1.73 0.00	26.40 1.45 0.00	25.50 1.42 0.00	25.20 1.36 0.00	26.57 1.36 0.00	30.29 1.66 0.00	32.33 1.89 0.00	34.55 2.14 0.00	36.44 2.03 0.00	37.62 2.10 0.00	38.81 2.30 0.00	40.00 2.37 0.00	41.47 2.53 0.00	42.23 2.76 0.00	48.50 3.43 0.00	51.86 4.02 0.00	60.90 4.56 0.00	54.67 4.14 0.00	47.97 3.35 0.00	44.03 2.88 0.00	39.95 2.33 0.00	36.51 2.16 0.00	34.18 2.09 0.00
HIGH_RIVER___SOLAR 323847	32.34 1.39 0.00	30.09 1.32 0.00	26.08 1.12 0.00	25.14 1.06 0.00	24.89 1.05 0.00	26.35 1.14 0.00	29.94 1.32 0.00	31.69 1.25 0.00	33.71 1.30 0.00	35.72 1.31 0.00	36.80 1.28 0.00	37.93 1.42 0.00	39.14 1.51 0.00	40.42 1.48 0.00	41.01 1.54 0.00	46.92 1.85 0.00	50.00 2.15 0.00	59.26 2.93 0.00	53.26 2.73 0.00	47.08 2.45 0.00	43.42 2.26 0.00	39.57 1.95 0.00	35.93 1.58 0.00	33.60 1.51 0.00

HILLBURN___GT 23639	32.77 1.83 0.00	30.52 1.76 0.00	26.45 1.50 0.00	25.50 1.42 0.00	25.25 1.41 0.00	26.70 1.49 0.00	30.34 1.72 0.00	32.40 1.95 0.00	34.62 2.21 0.00	36.55 2.13 0.00	37.73 2.20 0.00	38.88 2.37 0.00	40.12 2.48 0.00	41.59 2.65 0.00	42.27 2.80 0.00	48.54 3.47 0.00	51.81 3.97 0.00	60.95 4.62 0.00	54.52 3.99 0.00	47.88 3.26 0.00	43.99 2.84 0.00	40.18 2.56 0.00	36.61 2.27 0.00	34.31 2.21 0.00
HILLSIDE_115KV_TB1 80332	30.79 -0.15 0.00	28.48 -0.29 0.00	24.73 -0.22 0.00	23.82 -0.26 0.00	23.58 -0.26 0.00	25.21 0.00 0.00	28.34 -0.29 0.00	30.17 -0.27 0.00	32.03 -0.39 0.00	34.55 0.14 0.00	35.99 0.46 0.00	37.27 0.77 0.00	38.73 1.09 0.00	40.27 1.32 0.00	40.31 0.83 -0.01	45.62 0.54 0.00	48.90 1.05 0.00	57.74 1.41 0.00	51.89 1.36 0.00	45.70 1.07 0.00	41.98 0.82 0.00	38.56 0.94 0.00	34.83 0.48 0.00	32.19 0.10 0.00
HISHELDN_WT_PWR 323625	30.82 -0.12 0.00	28.34 -0.43 0.00	24.68 -0.27 0.00	23.77 -0.31 0.00	23.51 -0.33 0.00	25.19 -0.03 0.00	28.14 -0.49 0.00	29.96 -0.49 0.00	31.54 -0.87 0.00	34.34 -0.07 0.00	36.02 0.50 0.00	37.71 1.20 0.00	38.88 1.24 0.00	40.51 1.56 -0.01	40.59 1.07 -0.06	45.15 0.05 -0.03	48.71 0.86 -0.01	57.19 0.85 -0.01	51.59 1.06 0.00	45.39 0.76 0.00	41.73 0.58 0.00	38.63 1.02 0.00	34.59 0.24 0.00	32.00 -0.10 0.00
HOLTSVILLE_IC_1 23690	36.78 2.72 -3.11	35.72 2.62 -4.33	32.82 2.22 -5.65	30.02 2.19 -3.75	28.89 2.15 -2.90	30.23 2.27 -2.75	31.29 2.66 0.00	34.85 2.89 -1.51	36.12 3.14 -0.56	37.17 2.75 0.00	38.09 2.56 0.00	39.43 2.92 0.00	40.61 2.97 0.00	42.53 3.58 0.00	49.02 3.63 -5.92	49.46 4.37 -0.01	56.88 5.22 -3.82	68.24 5.97 -5.94	59.65 5.16 -3.96	48.60 3.97 0.00	44.65 3.50 0.00	41.04 3.42 0.00	37.13 2.78 0.00	35.14 3.05 0.00
HOLTSVILLE_IC_10 23699	37.00 2.94 -3.11	35.89 2.79 -4.33	32.98 2.37 -5.65	30.17 2.34 -3.75	29.03 2.29 -2.90	30.38 2.42 -2.75	31.46 2.83 0.00	35.03 3.07 -1.51	36.34 3.37 -0.56	37.40 2.99 0.00	38.41 2.88 -0.01	39.80 3.29 -0.01	40.99 3.35 -0.01	42.96 4.01 -0.01	49.42 4.03 -5.92	49.91 4.83 -0.01	57.43 5.74 -3.84	68.86 6.59 -5.94	60.20 5.71 -3.96	49.04 4.42 0.00	45.07 3.91 0.00	41.42 3.80 -0.01	37.40 3.06 0.00	35.37 3.28 0.00
HOLTSVILLE_IC_2 23691	36.78 2.72 -3.11	35.72 2.62 -4.33	32.82 2.22 -5.65	30.02 2.19 -3.75	28.89 2.15 -2.90	30.23 2.27 -2.75	31.29 2.66 0.00	34.85 2.89 -1.51	36.12 3.14 -0.56	37.17 2.75 0.00	38.09 2.56 0.00	39.43 2.92 0.00	40.61 2.97 0.00	42.53 3.58 0.00	49.02 3.63 -5.92	49.46 4.37 -0.01	56.88 5.22 -3.82	68.24 5.97 -5.94	59.65 5.16 -3.96	48.60 3.97 0.00	44.65 3.50 0.00	41.04 3.42 0.00	37.13 2.78 0.00	35.14 3.05 0.00
HOLTSVILLE_IC_3 23692	36.78 2.72 -3.11	35.72 2.62 -4.33	32.82 2.22 -5.65	30.02 2.19 -3.75	28.89 2.15 -2.90	30.23 2.27 -2.75	31.29 2.66 0.00	34.85 2.89 -1.51	36.12 3.14 -0.56	37.17 2.75 0.00	38.09 2.56 0.00	39.43 2.92 0.00	40.61 2.97 0.00	42.53 3.58 0.00	49.02 3.63 -5.92	49.46 4.37 -0.01	56.88 5.22 -3.82	68.24 5.97 -5.94	59.65 5.16 -3.96	48.60 3.97 0.00	44.65 3.50 0.00	41.04 3.42 0.00	37.13 2.78 0.00	35.14 3.05 0.00
HOLTSVILLE_IC_4 23693	36.78 2.72 -3.11	35.72 2.62 -4.33	32.82 2.22 -5.65	30.02 2.19 -3.75	28.89 2.15 -2.90	30.23 2.27 -2.75	31.29 2.66 0.00	34.85 2.89 -1.51	36.12 3.14 -0.56	37.17 2.75 0.00	38.09 2.56 0.00	39.43 2.92 0.00	40.61 2.97 0.00	42.53 3.58 0.00	49.02 3.63 -5.92	49.46 4.37 -0.01	56.88 5.22 -3.82	68.24 5.97 -5.94	59.65 5.16 -3.96	48.60 3.97 0.00	44.65 3.50 0.00	41.04 3.42 0.00	37.13 2.78 0.00	35.14 3.05 0.00
HOLTSVILLE_IC_5 23694	36.78 2.72 -3.11	35.72 2.62 -4.33	32.82 2.22 -5.65	30.02 2.19 -3.75	28.89 2.15 -2.90	30.23 2.27 -2.75	31.29 2.66 0.00	34.85 2.89 -1.51	36.12 3.14 -0.56	37.17 2.75 0.00	38.09 2.56 0.00	39.43 2.92 0.00	40.61 2.97 0.00	42.53 3.58 0.00	49.02 3.63 -5.92	49.46 4.37 -0.01	56.88 5.22 -3.82	68.24 5.97 -5.94	59.65 5.16 -3.96	48.60 3.97 0.00	44.65 3.50 0.00	41.04 3.42 0.00	37.13 2.78 0.00	35.14 3.05 0.00
HOLTSVILLE_IC_6 23695	37.00 2.94 -3.11	35.89 2.79 -4.33	32.98 2.37 -5.65	30.17 2.34 -3.75	29.03 2.29 -2.90	30.38 2.42 -2.75	31.46 2.83 0.00	35.03 3.07 -1.51	36.34 3.37 -0.56	37.40 2.99 0.00	38.41 2.88 -0.01	39.80 3.29 -0.01	40.99 3.35 -0.01	42.96 4.01 -0.01	49.42 4.03 -5.92	49.91 4.83 -0.01	57.43 5.74 -3.84	68.86 6.59 -5.94	60.20 5.71 -3.96	49.04 4.42 0.00	45.07 3.91 0.00	41.42 3.80 -0.01	37.40 3.06 0.00	35.37 3.28 0.00
HOLTSVILLE_IC_7 23696	37.00 2.94 -3.11	35.89 2.79 -4.33	32.98 2.37 -5.65	30.17 2.34 -3.75	29.03 2.29 -2.90	30.38 2.42 -2.75	31.46 2.83 0.00	35.03 3.07 -1.51	36.34 3.37 -0.56	37.40 2.99 0.00	38.41 2.88 -0.01	39.80 3.29 -0.01	40.99 3.35 -0.01	42.96 4.01 -0.01	49.42 4.03 -5.92	49.91 4.83 -0.01	57.43 5.74 -3.84	68.86 6.59 -5.94	60.20 5.71 -3.96	49.04 4.42 0.00	45.07 3.91 0.00	41.42 3.80 -0.01	37.40 3.06 0.00	35.37 3.28 0.00
HOLTSVILLE_IC_8 23697	37.00 2.94 -3.11	35.89 2.79 -4.33	32.98 2.37 -5.65	30.17 2.34 -3.75	29.03 2.29 -2.90	30.38 2.42 -2.75	31.46 2.83 0.00	35.03 3.07 -1.51	36.34 3.37 -0.56	37.40 2.99 0.00	38.41 2.88 -0.01	39.80 3.29 -0.01	40.99 3.35 -0.01	42.96 4.01 -0.01	49.42 4.03 -5.92	49.91 4.83 -0.01	57.43 5.74 -3.84	68.86 6.59 -5.94	60.20 5.71 -3.96	49.04 4.42 0.00	45.07 3.91 0.00	41.42 3.80 -0.01	37.40 3.06 0.00	35.37 3.28 0.00
HOLTSVILLE_IC_9 23698	37.00 2.94 -3.11	35.89 2.79 -4.33	32.98 2.37 -5.65	30.17 2.34 -3.75	29.03 2.29 -2.90	30.38 2.42 -2.75	31.46 2.83 0.00	35.03 3.07 -1.51	36.34 3.37 -0.56	37.40 2.99 0.00	38.41 2.88 -0.01	39.80 3.29 -0.01	40.99 3.35 -0.01	42.96 4.01 -0.01	49.42 4.03 -5.92	49.91 4.83 -0.01	57.43 5.74 -3.84	68.86 6.59 -5.94	60.20 5.71 -3.96	49.04 4.42 0.00	45.07 3.91 0.00	41.42 3.80 -0.01	37.40 3.06 0.00	35.37 3.28 0.00
HOMER_HL_115KV_TB2 355744	30.79 -0.15 0.00	28.34 -0.43 0.00	24.63 -0.32 0.00	23.70 -0.39 0.00	23.46 -0.38 0.00	25.21 0.00 0.00	28.20 -0.43 0.00	30.02 -0.43 0.00	31.83 -0.58 0.00	34.52 0.10 0.00	36.20 0.67 0.00	37.61 1.10 0.00	39.40 1.77 0.00	40.51 1.56 -0.01	39.91 0.39 -0.05	45.00 -0.09 -0.02	48.47 0.62 -0.01	57.35 1.01 -0.01	51.64 1.11 0.00	45.48 0.85 0.00	41.73 0.58 0.00	38.60 0.98 0.00	35.00 0.65 0.00	32.35 0.26 0.00
HOWARD_WT_PWR 323690	31.75 0.80 0.00	29.26 0.49 0.00	25.40 0.45 0.00	24.44 0.36 0.00	24.15 0.31 0.00	25.92 0.70 0.00	29.14 0.52 0.00	31.00 0.55 0.00	32.81 0.39 0.00	35.55 1.13 0.00	37.05 1.53 0.00	38.70 2.19 0.00	40.01 2.37 0.00	41.59 2.65 0.00	41.71 2.21 -0.03	46.57 1.49 -0.02	50.24 2.39 0.00	59.15 2.82 0.00	53.36 2.83 0.00	46.95 2.32 0.00	43.21 2.06 0.00	39.76 2.14 0.00	35.62 1.27 0.00	32.83 0.74 0.00

HQ_GEN_CEDARS 23644	30.36 -0.59 0.00	28.28 -0.49 0.00	24.48 -0.47 0.00	23.65 -0.43 0.00	23.43 -0.41 0.00	24.71 -0.50 0.00	28.17 -0.46 0.00	30.02 -0.43 0.00	31.93 -0.49 0.00	33.83 -0.58 0.00	34.89 -0.64 0.00	35.67 -0.84 0.00	36.69 -0.94 0.00	37.89 -1.05 0.00	38.36 -1.11 0.00	43.81 -1.26 0.00	45.21 -2.63 0.00	53.17 -3.15 0.01	47.69 -2.83 0.01	42.48 -2.14 0.00	39.43 -1.73 0.00	36.71 -0.90 0.00	33.55 -0.79 0.00	31.36 -0.74 0.00
HQ_GEN_CEDARS_PROXY 323590	30.33 -0.62 0.00	28.28 -0.49 0.00	24.48 -0.47 0.00	23.65 -0.43 0.00	23.41 -0.43 0.00	24.71 -0.50 0.00	28.17 -0.46 0.00	30.02 -0.43 0.00	31.93 -0.49 0.00	33.83 -0.59 0.00	34.89 -0.64 0.00	35.60 -0.91 0.00	36.66 -0.98 0.00	37.03 -1.09 0.82	37.03 -1.10 1.33	37.03 -1.31 6.73	45.31 -2.54 0.00	53.17 -3.15 0.01	47.69 -2.83 0.01	42.48 -2.14 0.00	39.43 -1.73 0.00	36.71 -0.90 0.00	33.56 -0.79 0.00	31.36 -0.74 0.00
HQ_GEN_IMPORT 323601	30.45 -0.50 0.00	28.31 -0.46 0.00	24.55 -0.40 0.00	23.69 -0.39 0.00	23.46 -0.38 0.00	24.78 -0.43 0.00	28.20 -0.43 0.00	29.99 -0.46 0.00	31.93 -0.49 0.00	33.86 -0.55 0.00	34.96 -0.57 0.00	35.49 -0.77 0.25	35.49 -0.83 1.32	35.49 -0.82 2.63	35.49 -0.87 3.11	35.49 -0.99 8.59	35.49 -1.34 11.02	35.49 -1.64 19.21	35.49 -1.47 13.57	35.49 -1.16 7.98	35.49 -0.99 4.68	35.49 -0.83 1.30	33.69 -0.65 0.00	31.48 -0.61 0.00
HQ_GEN_WHEEL 23651	30.45 -0.50 0.00	28.31 -0.46 0.00	24.55 -0.40 0.00	23.69 -0.39 0.00	23.46 -0.38 0.00	24.78 -0.43 0.00	28.20 -0.43 0.00	29.99 -0.46 0.00	31.93 -0.49 0.00	33.86 -0.55 0.00	34.96 -0.57 0.00	35.49 -0.77 0.25	35.49 -0.83 1.32	35.49 -0.82 2.63	35.49 -0.87 3.11	35.49 -0.99 8.59	35.49 -1.34 11.02	35.49 -1.64 19.21	35.49 -1.47 13.57	35.49 -1.16 7.98	35.49 -0.99 4.68	35.49 -0.83 1.30	33.69 -0.65 0.00	31.48 -0.61 0.00
HUDSON AVE_GT_3 23810	33.30 2.35 0.00	30.95 2.19 0.00	26.72 1.77 0.00	25.81 1.73 0.00	25.53 1.69 0.00	26.98 1.76 0.00	30.80 2.18 0.00	33.03 2.59 0.00	35.27 2.85 0.00	37.23 2.82 0.00	38.44 2.91 0.00	39.65 3.14 0.00	40.83 3.20 0.00	42.25 3.31 0.00	42.94 3.47 0.00	49.31 4.24 0.00	52.63 4.78 0.00	61.85 5.52 0.00	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.74 3.12 0.00	37.13 2.78 0.00	34.89 2.79 0.00
HUDSON AVE_GT_4 23540	33.30 2.35 0.00	30.95 2.19 0.00	26.72 1.77 0.00	25.81 1.73 0.00	25.53 1.69 0.00	26.98 1.76 0.00	30.80 2.18 0.00	33.03 2.59 0.00	35.27 2.85 0.00	37.23 2.82 0.00	38.44 2.91 0.00	39.65 3.14 0.00	40.83 3.20 0.00	42.25 3.31 0.00	42.94 3.47 0.00	49.31 4.24 0.00	52.63 4.78 0.00	61.85 5.52 0.00	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.74 3.12 0.00	37.13 2.78 0.00	34.89 2.79 0.00
HUDSON AVE_GT_5 23657	33.30 2.35 0.00	30.95 2.19 0.00	26.72 1.77 0.00	25.81 1.73 0.00	25.53 1.69 0.00	26.98 1.76 0.00	30.80 2.18 0.00	33.03 2.59 0.00	35.27 2.85 0.00	37.23 2.82 0.00	38.44 2.91 0.00	39.65 3.14 0.00	40.83 3.20 0.00	42.25 3.31 0.00	42.94 3.47 0.00	49.31 4.24 0.00	52.63 4.78 0.00	61.85 5.52 0.00	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.74 3.12 0.00	37.13 2.78 0.00	34.89 2.79 0.00
HUDSON_AVE_10 24168	33.20 2.26 0.00	30.87 2.10 0.00	26.65 1.70 0.00	25.74 1.66 0.00	25.44 1.60 0.00	26.90 1.69 0.00	30.72 2.09 0.00	32.97 2.53 0.00	35.20 2.79 0.00	37.16 2.75 0.00	38.33 2.81 0.00	39.57 3.07 0.00	40.72 3.09 0.00	42.14 3.19 0.00	42.82 3.35 0.00	49.18 4.10 0.00	52.49 4.64 0.00	61.74 5.41 0.00	55.23 4.70 0.00	48.42 3.79 0.00	44.53 3.37 0.00	40.66 3.05 0.00	37.06 2.71 0.00	34.82 2.73 0.00
HUDSON___115KV_TB 4 355613	32.25 1.30 0.00	30.03 1.27 0.00	26.05 1.10 0.00	25.12 1.04 0.00	24.86 1.03 0.00	26.24 1.03 0.00	29.83 1.20 0.00	31.48 1.04 0.00	33.36 0.94 0.00	35.27 0.86 0.00	36.27 0.75 0.00	37.27 0.77 0.00	38.46 0.83 0.00	39.72 0.78 0.00	40.42 0.95 0.00	46.16 1.08 0.00	49.23 1.39 0.00	58.42 2.08 0.00	52.60 2.07 0.00	46.46 1.83 0.00	42.92 1.77 0.00	39.01 1.39 0.00	35.55 1.20 0.00	33.28 1.19 0.00
HUNTER MOUNT___DRP 323613	32.34 1.39 0.00	30.09 1.32 0.00	26.13 1.17 0.00	25.19 1.11 0.00	24.91 1.07 0.00	26.29 1.08 0.00	29.89 1.26 0.00	31.45 1.00 0.00	33.36 0.94 0.00	35.27 0.86 0.00	36.20 0.67 0.00	37.20 0.69 0.00	38.42 0.79 0.00	39.64 0.70 0.00	40.34 0.87 0.00	46.11 1.04 0.00	49.14 1.29 0.00	58.36 2.03 0.00	52.65 2.12 0.00	46.54 1.92 0.00	43.01 1.85 0.00	39.08 1.47 0.00	35.65 1.31 0.00	33.35 1.25 0.00
HUNTINGTON_RES_REC 323705	36.59 2.54 -3.11	35.52 2.42 -4.33	32.62 2.02 -5.65	29.81 1.98 -3.75	28.67 1.93 -2.90	30.00 2.04 -2.75	31.03 2.40 0.00	34.66 2.71 -1.51	35.99 3.02 -0.56	37.03 2.61 0.00	38.05 2.52 0.00	39.46 2.96 0.00	40.68 3.05 0.00	42.64 3.70 0.00	49.14 3.75 -5.92	49.59 4.51 -0.01	57.01 5.31 -3.85	68.41 6.14 -5.94	59.80 5.30 -3.96	48.64 4.02 0.00	44.65 3.50 0.00	41.04 3.42 0.00	37.06 2.71 0.00	34.98 2.89 0.00
HUNTLEY___63 23557	30.30 -0.65 0.00	27.88 -0.89 0.00	24.28 -0.67 0.00	23.33 -0.75 0.00	23.10 -0.74 0.00	24.76 -0.45 0.00	27.60 -1.03 0.00	29.15 -1.31 -0.02	30.88 -1.56 -0.02	33.67 -0.76 -0.02	35.26 -0.28 -0.02	36.60 0.07 -0.02	38.21 0.56 -0.02	39.97 1.01 -0.02	39.89 0.36 -0.06	44.48 -0.63 -0.04	47.77 -0.10 -0.02	56.24 -0.11 -0.02	50.60 0.05 -0.02	44.51 -0.13 -0.02	40.92 -0.25 -0.02	37.97 0.34 -0.02	34.05 -0.31 -0.02	31.68 -0.42 0.00
HUNTLEY___64 23558	30.30 -0.65 0.00	27.88 -0.89 0.00	24.28 -0.67 0.00	23.33 -0.75 0.00	23.10 -0.74 0.00	24.76 -0.45 0.00	27.60 -1.03 0.00	29.15 -1.31 -0.02	30.88 -1.56 -0.02	33.67 -0.76 -0.02	35.26 -0.28 -0.02	36.60 0.07 -0.02	38.21 0.56 -0.02	39.97 1.01 -0.02	39.89 0.36 -0.06	44.48 -0.63 -0.04	47.77 -0.10 -0.02	56.24 -0.11 -0.02	50.60 0.05 -0.02	44.51 -0.13 -0.02	40.92 -0.25 -0.02	37.97 0.34 -0.02	34.05 -0.31 -0.02	31.68 -0.42 0.00
HUNTLEY___65 23559	30.30 -0.65 0.00	27.88 -0.89 0.00	24.28 -0.67 0.00	23.33 -0.75 0.00	23.10 -0.74 0.00	24.76 -0.45 0.00	27.60 -1.03 0.00	29.15 -1.31 -0.02	30.88 -1.56 -0.02	33.67 -0.76 -0.02	35.26 -0.28 -0.02	36.60 0.07 -0.02	38.21 0.56 -0.02	39.97 1.01 -0.02	39.89 0.36 -0.06	44.48 -0.63 -0.04	47.77 -0.10 -0.02	56.24 -0.11 -0.02	50.60 0.05 -0.02	44.51 -0.13 -0.02	40.92 -0.25 -0.02	37.97 0.34 -0.02	34.05 -0.31 -0.02	31.68 -0.42 0.00
HUNTLEY___66 23560	30.30 -0.65 0.00	27.88 -0.89 0.00	24.28 -0.67 0.00	23.33 -0.75 0.00	23.10 -0.74 0.00	24.76 -0.45 0.00	27.60 -1.03 0.00	29.15 -1.31 -0.02	30.88 -1.56 -0.02	33.67 -0.76 -0.02	35.26 -0.28 -0.02	36.60 0.07 -0.02	38.21 0.56 -0.02	39.97 1.01 -0.02	39.89 0.36 -0.06	44.48 -0.63 -0.04	47.77 -0.10 -0.02	56.24 -0.11 -0.02	50.60 0.05 -0.02	44.51 -0.13 -0.02	40.92 -0.25 -0.02	37.97 0.34 -0.02	34.05 -0.31 -0.02	31.68 -0.42 0.00

HUNTLEY___67 23561	30.42 -0.53 0.00	28.02 -0.75 0.00	24.40 -0.55 0.00	23.45 -0.63 0.00	23.22 -0.62 0.00	24.88 -0.33 0.00	27.77 -0.86 0.00	29.32 -1.13 0.00	31.02 -1.39 0.00	33.83 -0.58 0.00	35.35 -0.18 0.00	36.69 0.18 0.00	38.31 0.68 0.00	40.00 1.05 -0.01	40.01 0.39 -0.15	44.60 -0.54 -0.06	47.90 0.05 -0.01	56.46 0.11 -0.01	50.73 0.20 0.00	44.67 0.04 0.00	41.11 -0.04 0.00	38.14 0.53 0.00	34.24 -0.10 0.00	31.84 -0.26 0.00
HUNTLEY___68 23562	30.42 -0.53 0.00	28.02 -0.75 0.00	24.40 -0.55 0.00	23.45 -0.63 0.00	23.22 -0.62 0.00	24.88 -0.33 0.00	27.77 -0.86 0.00	29.32 -1.13 0.00	31.02 -1.39 0.00	33.83 -0.58 0.00	35.35 -0.18 0.00	36.69 0.18 0.00	38.31 0.68 0.00	40.00 1.05 -0.01	40.01 0.39 -0.15	44.60 -0.54 -0.06	47.90 0.05 -0.01	56.46 0.11 -0.01	50.73 0.20 0.00	44.67 0.04 0.00	41.11 -0.04 0.00	38.14 0.53 0.00	34.24 -0.10 0.00	31.84 -0.26 0.00
HYLAND___LFGE 323620	32.21 1.27 0.00	29.66 0.89 0.00	25.70 0.75 0.00	24.78 0.70 0.00	24.53 0.69 0.00	26.29 1.08 0.00	29.46 0.83 0.00	30.99 0.55 0.00	32.12 -0.29 0.00	34.48 0.07 0.00	34.60 -0.92 0.00	36.36 -0.15 0.00	37.41 -0.22 0.00	38.98 0.04 0.00	39.25 -0.24 -0.02	44.18 -0.90 -0.01	47.66 -0.19 0.00	56.73 0.40 0.00	51.94 1.41 0.00	46.23 1.60 0.00	43.05 1.89 0.00	39.57 1.95 0.00	35.41 1.07 0.00	33.47 1.38 0.00
INDECK___CORINTH 23802	32.65 1.70 0.00	30.46 1.70 0.00	26.37 1.42 0.00	25.40 1.32 0.00	25.10 1.26 0.00	26.62 1.41 0.00	30.29 1.66 0.00	31.94 1.49 0.00	34.13 1.72 0.00	36.30 1.89 0.00	37.05 1.53 0.00	38.11 1.60 0.00	39.18 1.54 0.00	40.23 1.28 0.00	40.81 1.34 0.00	46.79 1.71 0.00	49.81 1.96 0.00	59.49 3.15 0.00	53.86 3.33 0.00	47.57 2.94 0.00	44.20 3.05 0.00	40.10 2.48 0.00	36.30 1.96 0.00	33.99 1.89 0.00
INDECK___ILION 23567	31.29 0.34 0.00	29.06 0.29 0.00	25.20 0.25 0.00	24.30 0.22 0.00	24.05 0.21 0.00	25.46 0.25 0.00	28.91 0.29 0.00	30.75 0.30 0.00	32.74 0.32 0.00	34.76 0.34 0.00	35.92 0.39 0.00	37.02 0.51 0.00	38.12 0.49 0.00	39.45 0.51 0.00	39.98 0.51 0.00	45.66 0.59 0.00	48.61 0.77 0.00	57.29 0.96 0.00	51.39 0.86 0.00	45.34 0.71 0.00	41.77 0.62 0.00	38.14 0.53 0.00	34.76 0.41 0.00	32.45 0.35 0.00
INDECK___OLEAN 23982	30.85 -0.09 0.00	28.37 -0.40 0.00	24.70 -0.25 0.00	23.74 -0.34 0.00	23.51 -0.33 0.00	25.29 0.08 0.00	28.23 -0.40 0.00	30.20 -0.24 0.00	31.90 -0.52 0.00	34.59 0.17 0.00	36.42 0.89 0.00	38.08 1.57 0.00	39.55 1.92 0.00	40.54 1.60 -0.01	40.42 0.91 -0.05	44.65 -0.45 -0.02	48.71 0.86 -0.01	57.30 0.96 -0.01	51.74 1.21 0.00	45.61 0.98 0.00	41.86 0.70 0.00	38.67 1.05 0.00	35.03 0.69 0.00	32.22 0.13 0.00
INDECK___OSWEGO 23783	29.77 -1.18 0.00	27.62 -1.15 0.00	23.98 -0.97 0.00	23.17 -0.92 0.00	22.96 -0.88 0.00	24.30 -0.91 0.00	27.48 -1.15 0.00	29.29 -1.16 0.00	31.06 -1.36 0.00	33.17 -1.24 0.00	34.32 -1.21 0.00	35.52 -0.98 0.00	36.62 -1.01 0.00	37.54 -1.40 0.00	37.97 -1.50 0.00	43.18 -1.89 0.00	46.08 -1.77 0.00	54.31 -2.03 0.00	48.81 -1.72 0.00	43.02 -1.60 0.00	39.63 -1.52 0.00	36.26 -1.35 0.00	33.24 -1.10 0.00	30.91 -1.19 0.00
INDECK___YERKES 23781	30.48 -0.46 0.00	27.99 -0.78 0.00	24.40 -0.55 0.00	23.50 -0.58 0.00	23.24 -0.60 0.00	24.91 -0.30 0.00	27.74 -0.89 0.00	29.52 -0.94 -0.02	31.07 -1.36 -0.02	33.88 -0.55 -0.02	35.65 0.11 -0.02	37.40 0.87 -0.02	38.55 0.90 -0.02	40.24 1.28 -0.02	40.32 0.79 -0.06	44.70 -0.41 -0.04	48.25 0.38 -0.02	56.47 0.11 -0.02	51.05 0.51 -0.02	44.78 0.13 -0.02	41.17 0.00 -0.02	38.20 0.57 -0.02	34.12 -0.24 -0.02	31.55 -0.55 0.00
INDIAN POINT_GT_1 24139	32.90 1.95 0.00	30.61 1.84 0.00	26.47 1.52 0.00	25.57 1.49 0.00	25.27 1.43 0.00	26.72 1.51 0.00	30.43 1.80 0.00	32.55 2.10 0.00	34.72 2.30 0.00	36.65 2.24 0.00	37.87 2.34 0.00	39.06 2.56 0.00	40.23 2.60 0.00	41.67 2.73 0.00	42.35 2.88 0.00	48.59 3.52 0.00	51.91 4.07 0.00	61.07 4.73 0.00	54.67 4.14 0.00	47.97 3.35 0.00	44.08 2.92 0.00	40.17 2.56 0.00	36.61 2.27 0.00	34.37 2.28 0.00
INDIAN POINT_GT_2 23659	32.90 1.95 0.00	30.61 1.84 0.00	26.47 1.52 0.00	25.57 1.49 0.00	25.27 1.43 0.00	26.72 1.51 0.00	30.43 1.80 0.00	32.55 2.10 0.00	34.72 2.30 0.00	36.65 2.24 0.00	37.87 2.34 0.00	39.06 2.56 0.00	40.23 2.60 0.00	41.67 2.73 0.00	42.35 2.88 0.00	48.59 3.52 0.00	51.91 4.07 0.00	61.07 4.73 0.00	54.67 4.14 0.00	47.97 3.35 0.00	44.08 2.92 0.00	40.17 2.56 0.00	36.61 2.27 0.00	34.37 2.28 0.00
INDIAN POINT_GT_3 24019	32.90 1.95 0.00	30.61 1.84 0.00	26.47 1.52 0.00	25.57 1.49 0.00	25.27 1.43 0.00	26.72 1.51 0.00	30.43 1.80 0.00	32.55 2.10 0.00	34.72 2.30 0.00	36.65 2.24 0.00	37.87 2.34 0.00	39.06 2.56 0.00	40.23 2.60 0.00	41.67 2.73 0.00	42.35 2.88 0.00	48.59 3.52 0.00	51.91 4.07 0.00	61.07 4.73 0.00	54.67 4.14 0.00	47.97 3.35 0.00	44.08 2.92 0.00	40.17 2.56 0.00	36.61 2.27 0.00	34.37 2.28 0.00
INDIAN POINT___2 23530	32.80 1.86 0.00	30.52 1.76 0.00	26.45 1.50 0.00	25.50 1.42 0.00	25.25 1.41 0.00	26.67 1.46 0.00	30.37 1.75 0.00	32.46 2.01 0.00	34.65 2.23 0.00	36.58 2.17 0.00	37.73 2.20 0.00	38.88 2.37 0.00	40.12 2.48 0.00	41.59 2.65 0.00	42.27 2.80 0.00	48.50 3.42 0.00	51.77 3.92 0.00	60.90 4.56 0.00	54.47 3.94 0.00	47.84 3.21 0.00	43.95 2.80 0.00	40.14 2.52 0.00	36.61 2.27 0.00	34.31 2.21 0.00
INDIAN POINT___3 23531	32.80 1.86 0.00	30.55 1.78 0.00	26.45 1.50 0.00	25.53 1.44 0.00	25.25 1.41 0.00	26.70 1.49 0.00	30.37 1.75 0.00	32.49 2.04 0.00	34.65 2.24 0.00	36.58 2.17 0.00	37.76 2.24 0.00	38.99 2.48 0.00	40.16 2.52 0.00	41.55 2.61 0.00	42.23 2.76 0.00	48.45 3.38 0.00	51.77 3.92 0.00	60.84 4.51 0.00	54.47 3.94 0.00	47.84 3.21 0.00	43.95 2.80 0.00	40.10 2.48 0.00	36.54 2.20 0.00	34.31 2.21 0.00
INGHAM_C_115KV_TB7 356103	31.41 0.46 0.00	29.17 0.40 0.00	25.28 0.32 0.00	24.37 0.29 0.00	24.13 0.29 0.00	25.51 0.30 0.00	29.00 0.37 0.00	30.84 0.40 0.00	32.84 0.42 0.00	34.93 0.52 0.00	36.09 0.57 0.00	37.20 0.69 0.00	38.31 0.68 0.00	39.60 0.66 0.00	40.10 0.63 0.00	45.79 0.72 0.00	48.80 0.96 0.00	57.52 1.18 0.00	51.59 1.06 0.00	45.47 0.85 0.00	41.89 0.74 0.00	38.29 0.68 0.00	34.89 0.55 0.00	32.54 0.45 0.00
IP CORINTH___1 23988	32.83 1.89 0.00	30.61 1.84 0.00	26.52 1.57 0.00	25.55 1.47 0.00	25.25 1.41 0.00	26.80 1.59 0.00	30.46 1.83 0.00	32.15 1.70 0.00	34.33 1.91 0.00	36.51 2.10 0.00	37.30 1.78 0.00	38.37 1.86 0.00	39.40 1.77 0.00	40.46 1.52 0.00	41.09 1.62 0.00	47.06 1.98 0.00	50.14 2.30 0.00	59.83 3.49 0.00	54.17 3.64 0.00	47.84 3.21 0.00	44.49 3.33 0.00	40.36 2.75 0.00	36.54 2.20 0.00	34.18 2.09 0.00

IP___TICONDEROGA 23804	34.69 3.74 0.00	32.39 3.62 0.00	28.00 3.04 0.00	26.90 2.82 0.00	26.56 2.72 0.00	28.34 3.13 0.00	32.20 3.58 0.00	33.80 3.35 0.00	36.11 3.70 0.00	38.54 4.13 0.00	39.43 3.91 0.00	40.56 4.05 0.00	41.74 4.10 0.00	42.84 3.89 0.00	43.45 3.99 0.00	49.76 4.69 0.00	53.01 5.17 0.00	63.77 7.44 0.00	57.66 7.12 0.00	51.05 6.43 0.00	47.41 6.26 0.00	42.92 5.30 0.00	38.64 4.29 0.00	36.07 3.98 0.00
ISLIP_RES_REC 323679	37.21 3.16 -3.11	36.06 2.96 -4.33	33.12 2.52 -5.65	30.29 2.46 -3.75	29.17 2.43 -2.90	30.53 2.57 -2.75	31.63 3.00 0.00	35.21 3.26 -1.51	36.57 3.60 -0.56	37.68 3.27 0.00	38.73 3.20 -0.01	40.17 3.65 -0.01	41.37 3.73 -0.01	43.35 4.40 -0.01	49.81 4.42 -5.92	50.36 5.27 -0.01	57.97 6.27 -3.86	69.48 7.21 -5.94	60.71 6.21 -3.96	49.49 4.86 0.00	45.43 4.28 0.00	41.80 4.18 -0.01	37.68 3.33 0.00	35.59 3.50 0.00
JAMAICA__27_KV_LOAD 355505	33.45 2.51 0.00	31.10 2.33 0.00	26.80 1.85 0.00	25.89 1.81 0.00	25.56 1.72 0.00	27.05 1.84 0.00	30.94 2.32 0.00	33.25 2.80 0.00	35.46 3.05 0.00	37.44 3.03 0.00	38.65 3.13 0.00	39.90 3.40 0.00	41.10 3.46 0.00	42.56 3.62 0.00	43.22 3.75 0.00	49.67 4.60 0.00	53.01 5.17 0.00	62.36 6.03 0.00	55.84 5.31 0.00	48.95 4.33 0.00	45.02 3.87 0.00	41.08 3.46 0.00	37.37 3.02 0.00	35.21 3.11 0.00
JANIS___SOLAR 323808	33.02 2.07 0.00	30.49 1.73 0.00	26.37 1.42 0.00	25.38 1.30 0.00	25.15 1.31 0.00	26.75 1.54 0.00	30.40 1.78 0.00	32.33 1.89 0.00	34.04 1.62 0.00	36.30 1.89 0.00	37.55 2.02 0.00	39.02 2.52 0.00	40.23 2.59 0.00	41.55 2.61 0.00	41.37 1.89 0.00	47.11 2.03 0.00	50.48 2.63 0.00	59.83 3.49 0.00	54.07 3.54 0.00	47.79 3.17 0.00	43.99 2.84 0.00	40.18 2.56 0.00	36.27 1.92 0.00	33.44 1.35 0.00
JARVIS____ 23743	31.10 0.16 0.00	28.91 0.14 0.00	25.08 0.13 0.00	24.20 0.12 0.00	23.96 0.12 0.00	25.34 0.13 0.00	28.74 0.11 0.00	30.57 0.12 0.00	32.55 0.13 0.00	34.55 0.14 0.00	35.67 0.14 0.00	36.73 0.22 0.00	37.86 0.23 0.00	39.18 0.24 0.00	39.71 0.24 0.00	45.35 0.27 0.00	48.23 0.38 0.00	56.84 0.51 0.00	50.98 0.45 0.00	44.98 0.36 0.00	41.44 0.29 0.00	37.88 0.27 0.00	34.52 0.17 0.00	32.26 0.16 0.00
JENNISON___1 23625	32.12 1.18 0.00	29.72 0.95 0.00	25.75 0.80 0.00	24.80 0.72 0.00	24.58 0.74 0.00	26.12 0.91 0.00	29.63 1.00 0.00	31.57 1.13 0.00	33.49 1.07 0.00	35.86 1.45 0.00	37.12 1.60 0.00	38.52 2.01 0.00	39.82 2.18 0.00	41.24 2.30 0.00	42.00 2.53 0.00	47.96 2.88 0.00	51.29 3.44 0.00	60.62 4.28 0.00	54.52 3.99 0.00	48.11 3.48 0.00	44.28 3.13 0.00	40.40 2.78 0.00	36.54 2.20 0.00	33.76 1.67 0.00
JENNISON___2 23626	32.12 1.18 0.00	29.72 0.95 0.00	25.75 0.80 0.00	24.80 0.72 0.00	24.58 0.74 0.00	26.12 0.91 0.00	29.63 1.00 0.00	31.57 1.13 0.00	33.49 1.07 0.00	35.86 1.45 0.00	37.12 1.60 0.00	38.52 2.01 0.00	39.82 2.18 0.00	41.24 2.30 0.00	42.00 2.53 0.00	47.96 2.88 0.00	51.29 3.44 0.00	60.62 4.28 0.00	54.52 3.99 0.00	48.11 3.48 0.00	44.28 3.13 0.00	40.40 2.78 0.00	36.54 2.20 0.00	33.76 1.67 0.00
JERICHO_RISE_WT_PWR 323719	30.82 -0.12 0.00	28.71 -0.06 0.00	24.88 -0.07 0.00	24.03 -0.05 0.00	23.84 0.00 0.00	25.14 -0.08 0.00	28.71 0.09 0.00	30.60 0.15 0.00	32.61 0.20 0.00	34.55 0.14 0.00	35.67 0.14 0.00	36.40 -0.11 0.00	37.48 -0.15 0.00	38.86 -0.08 0.00	39.35 -0.12 0.00	44.85 -0.22 0.00	46.31 -1.53 0.00	54.01 -2.31 0.01	48.35 -2.17 0.01	43.42 -1.20 0.00	40.62 -0.54 0.00	37.13 -0.49 0.00	33.86 -0.48 0.00	31.58 -0.51 0.00
KATONAH___115KV_46KV_TB4 355592	33.17 2.23 0.00	30.90 2.13 0.00	26.67 1.72 0.00	25.74 1.66 0.00	25.44 1.60 0.00	26.90 1.69 0.00	30.66 2.03 0.00	32.76 2.31 0.00	35.01 2.59 0.00	36.92 2.51 0.00	38.23 2.70 0.00	39.46 2.96 0.00	40.64 3.01 0.00	42.10 3.15 0.00	42.86 3.39 0.00	49.13 4.06 0.00	52.68 4.83 0.00	61.85 5.52 0.00	55.43 4.90 0.00	48.64 4.02 0.00	44.53 3.37 0.00	40.48 2.86 0.00	36.89 2.54 0.00	34.63 2.54 0.00
KCE_NY_1 323755	32.99 2.04 0.00	30.75 1.98 0.00	26.65 1.70 0.00	25.67 1.59 0.00	25.37 1.53 0.00	26.87 1.66 0.00	30.54 1.92 0.00	32.27 1.83 0.00	34.43 2.01 0.00	36.55 2.13 0.00	37.55 2.02 0.00	38.66 2.15 0.00	39.82 2.18 0.00	41.00 2.06 0.00	41.60 2.13 0.00	47.60 2.52 0.00	50.72 2.87 0.00	60.28 3.94 0.00	54.22 3.69 0.00	47.88 3.26 0.00	44.32 3.17 0.00	40.29 2.67 0.00	36.58 2.23 0.00	34.28 2.18 0.00
KCE_NY_6_ESR 323823	30.95 0.00 0.00	28.42 -0.34 0.00	24.75 -0.20 0.00	23.84 -0.24 0.00	23.58 -0.26 0.00	25.29 0.08 0.00	28.20 -0.43 0.00	30.05 -0.40 0.00	31.61 -0.81 0.00	34.48 0.07 0.00	36.28 0.75 0.00	38.01 1.50 0.00	39.22 1.58 0.00	40.86 1.91 -0.01	40.89 1.34 -0.08	45.34 0.23 -0.04	49.05 1.20 -0.01	57.47 1.13 -0.01	51.90 1.36 0.00	45.61 0.98 0.00	41.90 0.74 0.00	38.86 1.24 0.00	34.73 0.38 0.00	32.13 0.03 0.00
KEDC_PORT_JEFF_GT2 24210	36.90 2.85 -3.11	35.80 2.70 -4.33	32.90 2.29 -5.65	30.07 2.24 -3.75	28.96 2.22 -2.90	30.30 2.34 -2.75	31.37 2.75 0.00	34.94 2.99 -1.51	36.25 3.27 -0.56	37.30 2.89 0.00	38.20 2.67 0.00	39.54 3.03 0.00	40.76 3.12 0.00	42.72 3.78 0.00	48.94 3.55 -5.92	49.41 4.33 -0.01	56.85 5.17 -3.83	68.24 5.97 -5.94	59.59 5.10 -3.96	48.51 3.88 0.00	44.82 3.66 0.00	41.20 3.58 0.00	37.26 2.92 0.00	35.24 3.15 0.00
KEDC_PORT_JEFF_GT3 24211	36.90 2.85 -3.11	35.80 2.70 -4.33	32.90 2.29 -5.65	30.07 2.24 -3.75	28.96 2.22 -2.90	30.30 2.34 -2.75	31.37 2.75 0.00	34.94 2.99 -1.51	36.25 3.27 -0.56	37.30 2.89 0.00	38.20 2.67 0.00	39.54 3.03 0.00	40.76 3.12 0.00	42.72 3.78 0.00	48.94 3.55 -5.92	49.41 4.33 -0.01	56.85 5.17 -3.83	68.24 5.97 -5.94	59.59 5.10 -3.96	48.51 3.88 0.00	44.82 3.66 0.00	41.20 3.58 0.00	37.26 2.92 0.00	35.24 3.15 0.00
KEDC_GLWD_GT4 24219	36.84 2.79 -3.11	35.69 2.59 -4.33	32.77 2.17 -5.65	29.90 2.07 -3.75	28.79 2.05 -2.90	30.13 2.17 -2.75	31.17 2.55 0.00	34.88 2.92 -1.51	36.21 3.24 -0.56	37.44 3.03 0.00	38.65 3.13 0.00	40.05 3.54 0.00	40.87 3.24 0.00	42.76 3.82 0.00	49.37 3.98 -5.92	49.86 4.78 -0.01	59.65 5.40 -6.40	68.52 6.25 -5.94	59.90 5.41 -3.96	48.82 4.19 0.00	44.73 3.58 0.00	41.00 3.39 0.00	37.47 3.12 0.00	35.27 3.18 0.00
KEDC_GLWD_GT5 24220	36.84 2.79 -3.11	35.69 2.59 -4.33	32.77 2.17 -5.65	29.90 2.07 -3.75	28.79 2.05 -2.90	30.13 2.17 -2.75	31.17 2.55 0.00	34.88 2.92 -1.51	36.21 3.24 -0.56	37.44 3.03 0.00	38.65 3.13 0.00	40.05 3.54 0.00	40.87 3.24 0.00	42.76 3.82 0.00	49.37 3.98 -5.92	49.86 4.78 -0.01	59.65 5.40 -6.40	68.52 6.25 -5.94	59.90 5.41 -3.96	48.82 4.19 0.00	44.73 3.58 0.00	41.00 3.39 0.00	37.47 3.12 0.00	35.27 3.18 0.00

KENSICO____ 23655	32.99 2.04 0.00	30.70 1.93 0.00	26.55 1.60 0.00	25.65 1.57 0.00	25.36 1.53 0.00	26.80 1.59 0.00	30.54 1.92 0.00	32.67 2.22 0.00	34.88 2.46 0.00	36.82 2.41 0.00	38.01 2.49 0.00	39.21 2.70 0.00	40.38 2.75 0.00	41.82 2.88 0.00	42.51 3.04 0.00	48.77 3.70 0.00	52.10 4.26 0.00	61.24 4.90 0.00	54.83 4.30 0.00	48.11 3.48 0.00	44.20 3.05 0.00	40.33 2.71 0.00	36.75 2.40 0.00	34.50 2.41 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.77 1.83 0.00	30.47 1.70 0.00	26.37 1.42 0.00	25.45 1.37 0.00	25.15 1.31 0.00	26.55 1.34 0.00	30.26 1.63 0.00	32.21 1.77 0.00	34.43 2.01 0.00	36.34 1.93 0.00	37.48 1.95 0.00	38.66 2.15 0.00	39.85 2.22 0.00	41.28 2.34 0.00	42.03 2.57 0.00	48.27 3.20 0.00	51.62 3.78 0.00	60.67 4.34 0.00	54.47 3.94 0.00	47.84 3.21 0.00	43.95 2.80 0.00	39.87 2.26 0.00	36.47 2.13 0.00	34.15 2.05 0.00
KIAC_JFK_GT1 23816	33.24 2.29 0.00	30.93 2.16 0.00	26.65 1.70 0.00	25.74 1.66 0.00	25.41 1.57 0.00	26.90 1.69 0.00	30.74 2.12 0.00	33.06 2.62 0.00	35.27 2.85 0.00	37.23 2.82 0.00	38.44 2.91 0.00	39.65 3.14 0.00	40.83 3.20 0.00	42.25 3.31 0.00	42.94 3.47 0.00	49.13 4.06 0.00	52.49 4.64 0.00	61.69 5.35 0.00	55.23 4.70 0.00	48.42 3.79 0.00	44.57 3.42 0.00	40.81 3.20 0.00	37.13 2.78 0.00	34.98 2.89 0.00
KIAC_JFK_GT2 23817	33.24 2.29 0.00	30.93 2.16 0.00	26.65 1.70 0.00	25.74 1.66 0.00	25.41 1.57 0.00	26.90 1.69 0.00	30.74 2.12 0.00	33.06 2.62 0.00	35.27 2.85 0.00	37.23 2.82 0.00	38.44 2.91 0.00	39.65 3.14 0.00	40.83 3.20 0.00	42.25 3.31 0.00	42.94 3.47 0.00	49.13 4.06 0.00	52.49 4.64 0.00	61.69 5.35 0.00	55.23 4.70 0.00	48.42 3.79 0.00	44.57 3.42 0.00	40.81 3.20 0.00	37.13 2.78 0.00	34.98 2.89 0.00
KIAC_JFK____ 323774	33.20 2.26 0.00	30.90 2.13 0.00	26.65 1.70 0.00	25.72 1.64 0.00	25.41 1.57 0.00	26.87 1.66 0.00	30.74 2.12 0.00	33.03 2.59 0.00	35.23 2.82 0.00	37.20 2.79 0.00	38.37 2.84 0.00	39.50 2.99 0.00	40.76 3.12 0.00	42.25 3.31 0.00	42.94 3.47 0.00	49.13 4.06 0.00	52.44 4.59 0.00	61.69 5.35 0.00	55.18 4.65 0.00	48.42 3.79 0.00	44.57 3.41 0.00	40.81 3.20 0.00	37.16 2.82 0.00	34.95 2.86 0.00
KINTIGH____ 23543	29.89 -1.05 0.00	27.59 -1.18 0.00	24.03 -0.92 0.00	23.12 -0.96 0.00	22.91 -0.93 0.00	24.48 -0.73 0.00	27.37 -1.26 0.00	28.89 -1.55 0.00	30.53 -1.88 0.00	33.21 -1.20 0.00	34.57 -0.96 0.00	35.85 -0.66 0.00	37.29 -0.34 0.00	38.94 0.00 0.00	39.13 -0.32 0.02	43.76 -1.31 0.01	46.89 -0.96 0.00	55.20 -1.13 0.00	49.62 -0.91 0.00	43.73 -0.89 0.00	40.33 -0.82 0.00	37.28 -0.34 0.00	33.55 -0.79 0.00	31.23 -0.87 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.66 0.71 0.00	29.54 0.78 0.00	25.58 0.62 0.00	24.71 0.63 0.00	24.51 0.67 0.00	25.84 0.63 0.00	29.60 0.97 0.00	31.57 1.13 0.00	33.61 1.20 0.00	35.58 1.17 0.00	36.73 1.21 0.00	37.57 1.06 0.00	38.65 1.02 0.00	40.19 1.25 0.00	40.69 1.22 0.00	46.34 1.26 0.00	46.94 -0.91 0.00	54.58 -1.75 0.01	48.80 -1.72 0.01	44.40 -0.22 0.00	42.06 0.91 0.00	38.44 0.83 0.00	34.93 0.58 0.00	32.54 0.45 0.00
LACHUTE__HYDRO 323717	34.69 3.74 0.00	32.39 3.62 0.00	28.00 3.04 0.00	26.90 2.82 0.00	26.56 2.72 0.00	28.26 3.05 0.00	32.20 3.58 0.00	33.80 3.35 0.00	36.08 3.66 0.00	38.54 4.13 0.00	39.43 3.91 0.00	40.56 4.05 0.00	41.74 4.10 0.00	42.84 3.89 0.00	43.45 3.98 0.00	49.76 4.69 0.00	53.01 5.17 0.00	63.77 7.44 0.00	57.66 7.13 0.00	51.01 6.38 0.00	47.37 6.21 0.00	42.88 5.27 0.00	38.64 4.29 0.00	36.07 3.98 0.00
LAWRNCV_115KV_TB1 80681	29.83 -1.11 0.00	27.79 -0.98 0.00	24.05 -0.90 0.00	23.24 -0.84 0.00	23.03 -0.81 0.00	24.28 -0.93 0.00	27.74 -0.89 0.00	29.56 -0.88 0.00	31.44 -0.97 0.00	33.31 -1.10 0.00	34.35 -1.17 0.00	35.12 -1.39 0.00	36.09 -1.54 0.00	37.27 -1.67 0.00	37.77 -1.70 0.00	43.14 -1.94 0.00	44.50 -3.35 0.00	52.38 -3.94 0.01	46.94 -3.59 0.01	41.95 -2.68 0.00	38.97 -2.18 0.00	36.19 -1.43 0.00	33.04 -1.31 0.00	30.81 -1.28 0.00
LEDERLE____ 23769	32.90 1.95 0.00	30.61 1.84 0.00	26.52 1.57 0.00	25.60 1.52 0.00	25.32 1.48 0.00	26.77 1.56 0.00	30.46 1.83 0.00	32.52 2.07 0.00	34.72 2.30 0.00	36.68 2.27 0.00	37.87 2.34 0.00	39.10 2.59 0.00	40.31 2.67 0.00	41.75 2.80 0.00	42.43 2.96 0.00	48.68 3.61 0.00	52.01 4.16 0.00	61.12 4.79 0.00	54.72 4.19 0.00	48.06 3.44 0.00	44.16 3.00 0.00	40.25 2.63 0.00	36.68 2.34 0.00	34.40 2.31 0.00
LIGHTHSE_115KV_TB6 355974	30.14 -0.80 0.00	27.93 -0.83 0.00	24.25 -0.70 0.00	23.41 -0.67 0.00	23.20 -0.64 0.00	24.58 -0.63 0.00	27.88 -0.74 0.00	29.68 -0.76 0.00	31.44 -0.97 0.00	33.55 -0.86 0.00	34.53 -0.99 0.00	35.70 -0.80 0.00	36.66 -0.98 0.00	37.77 -1.17 0.00	38.21 -1.26 0.00	43.54 -1.53 0.00	46.36 -1.48 0.00	54.87 -1.46 0.00	49.42 -1.11 0.00	43.96 -0.67 0.00	40.50 -0.66 0.00	37.13 -0.49 0.00	33.76 -0.58 0.00	31.32 -0.77 0.00
LINDEN COGEN____ 23786	33.02 2.07 0.00	30.72 1.96 0.00	26.55 1.60 0.00	25.62 1.54 0.00	25.37 1.53 0.00	26.77 1.56 0.00	30.57 1.95 0.00	32.76 2.31 0.00	35.01 2.59 0.00	36.96 2.55 0.00	38.08 2.56 0.00	39.17 2.66 0.00	40.34 2.71 0.00	41.04 2.88 0.78	41.54 3.00 0.93	43.58 3.74 5.23	43.58 4.26 8.52	53.97 4.90 7.26	45.50 4.19 9.22	42.94 3.39 5.08	44.16 3.00 0.00	40.47 2.86 0.00	36.92 2.58 0.00	34.66 2.57 0.00
LINDHRST_69_KV_BK1 356055	37.15 3.09 -3.11	36.01 2.91 -4.33	33.02 2.42 -5.65	30.19 2.36 -3.75	29.05 2.31 -2.90	30.38 2.42 -2.75	31.43 2.81 0.00	35.15 3.20 -1.51	36.47 3.50 -0.56	37.78 3.37 0.00	38.76 3.23 -0.01	40.16 3.65 -0.01	41.29 3.65 -0.01	43.19 4.24 -0.01	49.69 4.30 -5.92	50.22 5.14 -0.01	57.92 5.93 -4.14	69.14 6.87 -5.94	60.50 6.01 -3.96	49.40 4.77 0.00	45.27 4.12 0.00	41.35 3.72 -0.01	37.30 2.95 0.00	35.27 3.18 0.00
LIPA_MISC_IPP 23656	36.81 2.75 -3.11	35.72 2.62 -4.33	32.82 2.22 -5.65	30.07 2.24 -3.75	28.93 2.19 -2.90	30.28 2.32 -2.75	31.35 2.72 0.00	34.82 2.86 -1.51	36.12 3.14 -0.56	37.44 3.03 0.00	38.30 2.77 0.00	39.69 3.18 0.00	40.80 3.16 0.00	42.72 3.78 0.00	49.18 3.79 -5.92	49.68 4.60 -0.01	57.11 5.45 -3.82	68.58 6.31 -5.94	60.00 5.51 -3.96	48.82 4.19 0.00	44.82 3.66 0.00	40.78 3.16 0.00	36.82 2.47 0.00	34.85 2.76 0.00
LISF__SOLAR 323691	36.87 2.82 -3.11	35.78 2.68 -4.33	32.90 2.29 -5.65	30.12 2.29 -3.75	28.98 2.24 -2.90	30.33 2.37 -2.75	31.40 2.78 0.00	34.85 2.89 -1.51	36.18 3.21 -0.56	37.23 2.82 0.00	38.23 2.70 0.00	39.61 3.10 0.00	40.84 3.20 0.00	42.80 3.86 0.00	49.30 3.91 -5.92	49.77 4.69 -0.01	57.27 5.60 -3.83	68.74 6.48 -5.94	60.10 5.61 -3.96	48.95 4.33 0.00	44.94 3.78 0.00	41.31 3.69 0.00	37.26 2.92 0.00	35.24 3.15 0.00

LITTLE FALLS___HYD 24013	31.41 0.46 0.00	29.17 0.40 0.00	25.28 0.32 0.00	24.37 0.29 0.00	24.13 0.29 0.00	25.51 0.30 0.00	29.00 0.37 0.00	30.84 0.40 0.00	32.84 0.42 0.00	34.93 0.52 0.00	36.09 0.57 0.00	37.20 0.69 0.00	38.31 0.68 0.00	39.60 0.66 0.00	40.10 0.63 0.00	45.79 0.72 0.00	48.80 0.96 0.00	57.52 1.18 0.00	51.59 1.06 0.00	45.47 0.85 0.00	41.89 0.74 0.00	38.29 0.68 0.00	34.89 0.55 0.00	32.54 0.45 0.00
LITTLRIV_115KV_TB1 356100	30.11 -0.84 0.00	28.05 -0.72 0.00	24.28 -0.67 0.00	23.43 -0.65 0.00	23.24 -0.60 0.00	24.50 -0.71 0.00	28.05 -0.57 0.00	29.90 -0.55 0.00	31.77 -0.65 0.00	33.62 -0.79 0.00	34.67 -0.85 0.00	35.49 -1.02 0.00	36.50 -1.13 0.00	37.62 -1.32 0.00	38.13 -1.34 0.00	43.54 -1.53 0.00	44.97 -2.87 0.00	52.95 -3.38 0.01	47.49 -3.03 0.01	42.48 -2.14 0.00	39.51 -1.65 0.00	36.60 -1.02 0.00	33.42 -0.93 0.00	31.10 -0.99 0.00
LI_NEWBRDGE___DRP 323616	36.44 2.38 -3.11	35.37 2.27 -4.33	32.50 1.90 -5.65	29.69 1.85 -3.75	28.53 1.79 -2.90	29.85 1.89 -2.75	30.86 2.23 0.00	34.54 2.59 -1.51	35.83 2.85 -0.56	37.10 2.68 0.00	38.08 2.56 0.00	39.43 2.92 0.00	40.53 2.90 0.00	42.33 3.39 0.00	48.94 3.55 -5.92	49.37 4.28 -0.01	56.22 4.83 -3.54	67.90 5.63 -5.94	59.39 4.90 -3.96	48.42 3.79 0.00	44.32 3.17 0.00	40.48 2.86 0.00	36.71 2.37 0.00	34.63 2.54 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.11 -0.84 0.00	27.70 -1.06 0.00	24.15 -0.80 0.00	23.21 -0.87 0.00	22.98 -0.86 0.00	24.63 -0.58 0.00	27.45 -1.17 0.00	28.93 -1.52 0.00	30.57 -1.85 0.00	33.38 -1.03 0.00	34.85 -0.67 0.00	36.18 -0.33 0.00	37.75 0.11 0.00	39.45 0.51 -0.01	39.45 -0.04 -0.02	43.96 -1.13 -0.01	47.23 -0.62 -0.01	55.61 -0.73 -0.01	50.03 -0.51 0.00	44.09 -0.54 0.00	40.62 -0.54 0.00	37.70 0.08 0.00	33.90 -0.45 0.00	31.55 -0.55 0.00
LOCKPORT___CC1 323769	30.29 -0.65 0.00	27.85 -0.92 0.00	24.28 -0.67 0.00	23.38 -0.70 0.00	23.12 -0.71 0.00	24.78 -0.43 0.00	27.60 -1.03 0.00	29.29 -1.16 0.00	30.77 -1.65 0.00	33.59 -0.83 0.00	35.24 -0.29 0.00	37.02 0.51 0.00	38.05 0.41 0.00	39.69 0.74 -0.01	39.76 0.28 -0.02	44.18 -0.90 -0.01	47.66 -0.19 -0.01	55.83 -0.51 -0.01	50.43 -0.10 0.00	44.32 -0.31 0.00	40.83 -0.33 0.00	37.89 0.27 0.00	33.87 -0.48 0.00	31.39 -0.71 0.00
LOCKPORT___CC2 323770	30.29 -0.65 0.00	27.85 -0.92 0.00	24.28 -0.67 0.00	23.38 -0.70 0.00	23.12 -0.71 0.00	24.78 -0.43 0.00	27.60 -1.03 0.00	29.29 -1.16 0.00	30.77 -1.65 0.00	33.59 -0.83 0.00	35.24 -0.29 0.00	37.02 0.51 0.00	38.05 0.41 0.00	39.69 0.74 -0.01	39.76 0.28 -0.02	44.18 -0.90 -0.01	47.66 -0.19 -0.01	55.83 -0.51 -0.01	50.43 -0.10 0.00	44.32 -0.31 0.00	40.83 -0.33 0.00	37.89 0.27 0.00	33.87 -0.48 0.00	31.39 -0.71 0.00
LOCKPORT___CC3 323771	30.29 -0.65 0.00	27.85 -0.92 0.00	24.28 -0.67 0.00	23.38 -0.70 0.00	23.12 -0.71 0.00	24.78 -0.43 0.00	27.60 -1.03 0.00	29.29 -1.16 0.00	30.77 -1.65 0.00	33.59 -0.83 0.00	35.24 -0.29 0.00	37.02 0.51 0.00	38.05 0.41 0.00	39.69 0.74 -0.01	39.76 0.28 -0.02	44.18 -0.90 -0.01	47.66 -0.19 -0.01	55.83 -0.51 -0.01	50.43 -0.10 0.00	44.32 -0.31 0.00	40.83 -0.33 0.00	37.89 0.27 0.00	33.87 -0.48 0.00	31.39 -0.71 0.00
LONG_LAKE_PHOENIX 24014	29.99 -0.96 0.00	27.82 -0.95 0.00	24.15 -0.80 0.00	23.31 -0.77 0.00	23.10 -0.74 0.00	24.48 -0.73 0.00	27.68 -0.94 0.00	29.44 -1.00 0.00	31.25 -1.17 0.00	33.41 -1.00 0.00	34.53 -0.99 0.00	35.70 -0.80 0.00	36.84 -0.79 0.00	38.20 -0.74 0.00	38.64 -0.83 0.00	43.90 -1.17 0.00	46.89 -0.96 0.00	55.26 -1.07 0.00	49.62 -0.91 0.00	43.73 -0.89 0.00	40.29 -0.86 0.00	36.83 -0.79 0.00	33.52 -0.82 0.00	31.16 -0.93 0.00
LOVETT___3 23632	32.71 1.76 0.00	30.47 1.70 0.00	26.40 1.45 0.00	25.50 1.42 0.00	25.20 1.36 0.00	26.65 1.44 0.00	30.31 1.69 0.00	32.39 1.95 0.00	34.55 2.14 0.00	36.48 2.06 0.00	37.69 2.17 0.00	38.88 2.37 0.00	40.04 2.41 0.00	41.47 2.53 0.00	42.15 2.68 0.00	48.41 3.34 0.00	51.67 3.83 0.00	60.73 4.39 0.00	54.37 3.84 0.00	47.75 3.12 0.00	43.87 2.72 0.00	40.02 2.41 0.00	36.47 2.13 0.00	34.21 2.12 0.00
LOVETT___4 23642	32.71 1.76 0.00	30.47 1.70 0.00	26.40 1.45 0.00	25.50 1.42 0.00	25.20 1.36 0.00	26.65 1.44 0.00	30.31 1.69 0.00	32.39 1.95 0.00	34.55 2.14 0.00	36.48 2.06 0.00	37.69 2.17 0.00	38.88 2.37 0.00	40.04 2.41 0.00	41.47 2.53 0.00	42.15 2.68 0.00	48.41 3.34 0.00	51.67 3.83 0.00	60.73 4.39 0.00	54.37 3.84 0.00	47.75 3.12 0.00	43.87 2.72 0.00	40.02 2.41 0.00	36.47 2.13 0.00	34.21 2.12 0.00
LOVETT___5 23593	32.71 1.76 0.00	30.47 1.70 0.00	26.40 1.45 0.00	25.50 1.42 0.00	25.20 1.36 0.00	26.65 1.44 0.00	30.31 1.69 0.00	32.39 1.95 0.00	34.55 2.14 0.00	36.48 2.06 0.00	37.69 2.17 0.00	38.88 2.37 0.00	40.04 2.41 0.00	41.47 2.53 0.00	42.15 2.68 0.00	48.41 3.34 0.00	51.67 3.83 0.00	60.73 4.39 0.00	54.37 3.84 0.00	47.75 3.12 0.00	43.87 2.72 0.00	40.02 2.41 0.00	36.47 2.13 0.00	34.21 2.12 0.00
LOWER RAQUET___HYD 24057	29.68 -1.27 0.00	27.65 -1.12 0.00	23.93 -1.02 0.00	23.09 -0.99 0.00	22.88 -0.95 0.00	24.15 -1.06 0.00	27.62 -1.00 0.00	29.44 -1.00 0.00	31.28 -1.14 0.00	33.14 -1.27 0.00	34.14 -1.39 0.00	34.87 -1.64 0.00	35.90 -1.73 0.00	37.03 -1.91 0.00	37.53 -1.93 0.00	42.87 -2.21 0.00	44.35 -3.49 0.00	52.10 -4.23 0.01	46.73 -3.79 0.01	41.73 -2.90 0.00	38.81 -2.34 0.00	36.00 -1.62 0.00	32.87 -1.48 0.00	30.65 -1.44 0.00
LOWER___HUDSON 24059	32.31 1.36 0.00	30.06 1.30 0.00	26.13 1.17 0.00	25.19 1.11 0.00	24.91 1.07 0.00	26.35 1.14 0.00	29.92 1.29 0.00	31.63 1.19 0.00	33.74 1.33 0.00	35.72 1.31 0.00	36.77 1.24 0.00	37.86 1.35 0.00	38.99 1.35 0.00	40.23 1.28 0.00	40.81 1.34 0.00	46.65 1.58 0.00	49.71 1.86 0.00	58.70 2.37 0.00	52.70 2.17 0.00	46.54 1.92 0.00	42.96 1.81 0.00	39.12 1.51 0.00	35.68 1.34 0.00	33.50 1.41 0.00
LOWVILLE_115KV_TB2 356335	30.85 -0.09 0.00	28.60 -0.17 0.00	24.75 -0.20 0.00	23.86 -0.22 0.00	23.67 -0.17 0.00	25.06 -0.15 0.00	28.57 -0.06 0.00	30.42 -0.03 0.00	32.25 -0.16 0.00	34.27 -0.14 0.00	35.35 -0.18 0.00	36.51 0.00 0.00	37.56 -0.08 0.00	38.79 -0.16 0.00	39.23 -0.24 0.00	44.85 -0.23 0.00	47.61 -0.24 0.00	56.33 0.00 0.00	50.73 0.20 0.00	45.03 0.40 0.00	41.57 0.41 0.00	38.03 0.41 0.00	34.52 0.17 0.00	31.97 -0.13 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.96 2.01 0.00	30.72 1.96 0.00	26.62 1.67 0.00	25.65 1.57 0.00	25.36 1.53 0.00	26.90 1.69 0.00	30.52 1.89 0.00	32.24 1.80 0.00	34.43 2.01 0.00	36.55 2.13 0.00	37.55 2.02 0.00	38.66 2.15 0.00	39.78 2.15 0.00	40.97 2.02 0.00	41.56 2.09 0.00	47.60 2.52 0.00	50.67 2.82 0.00	60.22 3.89 0.00	54.22 3.69 0.00	47.88 3.26 0.00	44.28 3.13 0.00	40.25 2.63 0.00	36.54 2.20 0.00	34.24 2.15 0.00

LUTHERNY_35_KV_BK2 355980	32.99 2.04 0.00	30.75 1.98 0.00	26.65 1.70 0.00	25.67 1.59 0.00	25.36 1.53 0.00	26.90 1.69 0.00	30.54 1.92 0.00	32.27 1.83 0.00	34.43 2.01 0.00	36.58 2.17 0.00	37.59 2.06 0.00	38.70 2.19 0.00	39.82 2.18 0.00	41.01 2.06 0.00	41.60 2.13 0.00	47.64 2.57 0.00	50.72 2.87 0.00	60.28 3.94 0.00	54.27 3.74 0.00	47.93 3.30 0.00	44.32 3.17 0.00	40.29 2.67 0.00	36.58 2.23 0.00	34.28 2.18 0.00
LWR___OSWEGATCHIE_HYD 23850	29.96 -0.99 0.00	27.82 -0.95 0.00	24.08 -0.87 0.00	23.24 -0.84 0.00	23.05 -0.79 0.00	24.35 -0.86 0.00	27.80 -0.83 0.00	29.62 -0.82 0.00	31.44 -0.97 0.00	33.38 -1.03 0.00	34.39 -1.14 0.00	35.38 -1.13 0.00	36.35 -1.28 0.00	37.54 -1.40 0.00	38.01 -1.46 0.00	43.41 -1.67 0.00	45.45 -2.39 0.00	53.68 -2.65 0.01	48.25 -2.27 0.00	43.02 -1.61 0.00	39.84 -1.32 0.00	36.68 -0.94 0.00	33.38 -0.96 0.00	30.97 -1.12 0.00
LYONS_FALL_HYD 23570	31.19 0.25 0.00	28.91 0.14 0.00	25.03 0.08 0.00	24.13 0.05 0.00	23.93 0.10 0.00	25.34 0.13 0.00	28.85 0.23 0.00	30.75 0.30 0.00	32.61 0.20 0.00	34.69 0.27 0.00	35.81 0.28 0.00	37.02 0.51 0.00	38.16 0.53 0.00	39.29 0.35 0.00	39.82 0.35 0.00	45.52 0.45 0.00	48.42 0.58 0.00	57.23 0.90 0.00	51.44 0.91 0.00	45.56 0.94 0.00	42.02 0.87 0.00	38.41 0.79 0.00	34.86 0.52 0.00	32.32 0.23 0.00
MADISON___COUNTY_LFGE 323628	31.72 0.77 0.00	29.37 0.60 0.00	25.45 0.50 0.00	24.54 0.46 0.00	24.32 0.48 0.00	25.77 0.55 0.00	29.26 0.63 0.00	31.18 0.73 0.00	33.10 0.68 0.00	35.27 0.86 0.00	36.45 0.92 0.00	37.71 1.20 0.00	38.99 1.35 0.00	40.31 1.36 0.00	40.73 1.26 0.00	46.52 1.44 0.00	49.66 1.82 0.00	58.64 2.31 0.00	52.65 2.12 0.00	46.50 1.87 0.00	42.84 1.69 0.00	39.08 1.47 0.00	35.48 1.13 0.00	32.90 0.80 0.00
MALONE___115KV_TB1 356076	30.79 -0.15 0.00	28.71 -0.06 0.00	24.85 -0.10 0.00	24.01 -0.07 0.00	23.82 -0.02 0.00	25.11 -0.10 0.00	28.74 0.11 0.00	30.66 0.21 0.00	32.64 0.23 0.00	34.58 0.17 0.00	35.67 0.14 0.00	36.47 -0.04 0.00	37.48 -0.15 0.00	38.90 -0.04 0.00	39.39 -0.08 0.00	44.89 -0.18 0.00	46.12 -1.72 0.00	53.96 -2.37 0.01	48.35 -2.17 0.01	43.47 -1.16 0.00	40.70 -0.45 0.00	37.32 -0.30 0.00	33.97 -0.38 0.00	31.68 -0.42 0.00
MAPLEWOD_115KV_TB3 80458	32.06 1.11 0.00	29.86 1.09 0.00	25.90 0.95 0.00	25.00 0.92 0.00	24.72 0.88 0.00	26.14 0.93 0.00	29.69 1.06 0.00	31.45 1.00 0.00	33.52 1.10 0.00	35.48 1.07 0.00	36.56 1.03 0.00	37.64 1.13 0.00	38.80 1.17 0.00	40.03 1.09 0.00	40.65 1.18 0.00	46.52 1.44 0.00	49.57 1.72 0.00	58.53 2.20 0.00	52.50 1.97 0.00	46.32 1.70 0.00	42.72 1.56 0.00	38.93 1.32 0.00	35.44 1.10 0.00	33.22 1.12 0.00
MAPLE_RIDGE_WT_1 323574	30.33 -0.62 0.00	28.11 -0.66 0.00	24.28 -0.67 0.00	23.41 -0.67 0.00	23.15 -0.69 0.00	24.46 -0.76 0.00	27.85 -0.77 0.00	29.69 -0.76 0.00	31.70 -0.71 0.00	33.65 -0.76 0.00	34.71 -0.82 0.00	35.52 -0.98 0.00	36.58 -1.05 0.00	37.85 -1.09 0.00	38.32 -1.15 0.00	43.81 -1.26 0.00	46.31 -1.53 0.00	54.51 -1.80 0.02	48.90 -1.62 0.01	43.24 -1.38 0.00	39.80 -1.36 0.00	36.26 -1.35 0.00	33.00 -1.34 0.00	30.78 -1.32 0.00
MAPLE_RIDGE_WT_2 323611	30.33 -0.62 0.00	28.11 -0.66 0.00	24.28 -0.67 0.00	23.41 -0.67 0.00	23.15 -0.69 0.00	24.46 -0.76 0.00	27.85 -0.77 0.00	29.69 -0.76 0.00	31.70 -0.71 0.00	33.65 -0.76 0.00	34.71 -0.82 0.00	35.52 -0.98 0.00	36.58 -1.05 0.00	37.85 -1.09 0.00	38.32 -1.15 0.00	43.81 -1.26 0.00	46.31 -1.53 0.00	54.51 -1.80 0.02	48.90 -1.62 0.01	43.24 -1.38 0.00	39.80 -1.36 0.00	36.26 -1.35 0.00	33.00 -1.34 0.00	30.78 -1.32 0.00
MARBLE_RIVER_WT_PWR 323696	31.07 0.12 0.00	28.97 0.20 0.00	25.08 0.13 0.00	24.23 0.15 0.00	24.03 0.19 0.00	25.36 0.15 0.00	28.97 0.34 0.00	30.87 0.43 0.00	32.90 0.49 0.00	34.86 0.45 0.00	35.99 0.46 0.00	36.76 0.26 0.00	37.86 0.23 0.00	39.25 0.31 0.00	39.75 0.28 0.00	45.25 0.18 0.00	46.56 -1.29 0.00	54.18 -2.14 0.01	48.50 -2.02 0.01	43.69 -0.94 0.00	40.99 -0.16 0.00	37.50 -0.11 0.00	34.14 -0.20 0.00	31.87 -0.22 0.00
MARSHVLE_115KV_TB1 80742	33.58 2.63 0.00	31.24 2.47 0.00	27.00 2.05 0.00	25.98 1.90 0.00	25.72 1.88 0.00	27.35 2.14 0.00	31.03 2.40 0.00	32.58 2.13 0.00	34.36 1.94 0.00	36.27 1.86 0.00	37.37 1.85 0.00	38.84 2.34 0.00	40.16 2.52 0.00	41.40 2.45 0.00	42.03 2.57 0.00	47.87 2.79 0.00	51.34 3.49 0.00	61.80 5.46 0.00	55.89 5.36 0.00	49.58 4.95 0.00	45.72 4.57 0.00	41.72 4.10 0.00	37.57 3.23 0.00	34.92 2.82 0.00
MARSH_HILL_WT_PWR 323713	31.69 0.74 0.00	29.20 0.43 0.00	25.35 0.40 0.00	24.39 0.31 0.00	24.10 0.26 0.00	25.87 0.65 0.00	29.08 0.46 0.00	30.93 0.49 0.00	32.71 0.29 0.00	35.44 1.03 0.00	36.95 1.42 0.00	38.63 2.12 0.00	39.89 2.26 0.00	41.52 2.57 0.00	41.59 2.09 -0.03	46.49 1.40 -0.02	50.10 2.25 0.00	58.99 2.65 0.00	53.21 2.68 0.00	46.81 2.19 0.00	43.09 1.93 0.00	39.65 2.03 0.00	35.55 1.20 0.00	32.80 0.71 0.00
MCINTYRE_115KV_TB2 80467	30.48 -0.46 0.00	28.37 -0.40 0.00	24.55 -0.40 0.00	23.70 -0.39 0.00	23.51 -0.33 0.00	24.78 -0.43 0.00	28.37 -0.26 0.00	30.20 -0.24 0.00	32.06 -0.36 0.00	33.90 -0.52 0.00	34.96 -0.57 0.00	35.74 -0.77 0.00	36.77 -0.87 0.00	37.93 -1.01 0.00	38.44 -1.03 0.00	43.90 -1.17 0.00	45.36 -2.49 0.00	53.45 -2.87 0.01	48.00 -2.53 0.01	42.93 -1.70 0.00	39.92 -1.23 0.00	37.02 -0.60 0.00	33.80 -0.55 0.00	31.45 -0.64 0.00
MECO_____69_KV_BK1 80468	35.03 4.08 0.00	32.65 3.88 0.00	28.12 3.17 0.00	27.04 2.96 0.00	26.75 2.91 0.00	28.54 3.33 0.00	32.52 3.89 0.00	34.19 3.74 0.00	36.31 3.89 0.00	38.61 4.20 0.00	39.75 4.23 0.00	41.07 4.56 0.00	42.56 4.93 0.00	43.81 4.87 0.00	44.40 4.93 0.00	50.98 5.90 0.00	54.54 6.70 0.00	66.02 9.69 0.00	59.32 8.79 0.00	52.35 7.72 0.00	48.23 7.08 0.00	43.75 6.13 0.00	39.22 4.88 0.00	36.43 4.33 0.00
MENANDS___115KV_TB5 355628	31.84 0.90 0.00	29.66 0.89 0.00	25.75 0.80 0.00	24.85 0.77 0.00	24.58 0.74 0.00	25.97 0.76 0.00	29.48 0.86 0.00	31.27 0.82 0.00	33.32 0.91 0.00	35.27 0.86 0.00	36.34 0.82 0.00	37.42 0.91 0.00	38.54 0.90 0.00	39.76 0.82 0.00	40.42 0.95 0.00	46.20 1.13 0.00	49.18 1.34 0.00	58.08 1.75 0.00	52.10 1.57 0.00	45.96 1.34 0.00	42.35 1.19 0.00	38.59 0.98 0.00	35.17 0.82 0.00	32.99 0.90 0.00
MG INDUSTRY___DRP 24185	31.87 0.93 0.00	29.69 0.92 0.00	25.78 0.82 0.00	24.85 0.77 0.00	24.58 0.74 0.00	25.99 0.78 0.00	29.48 0.86 0.00	31.24 0.79 0.00	33.23 0.81 0.00	35.17 0.76 0.00	36.20 0.67 0.00	37.24 0.73 0.00	38.35 0.72 0.00	39.60 0.66 0.00	40.18 0.71 0.00	45.93 0.86 0.00	48.95 1.10 0.00	57.86 1.52 0.00	51.95 1.41 0.00	45.92 1.29 0.00	42.35 1.19 0.00	38.63 1.02 0.00	35.20 0.86 0.00	32.99 0.90 0.00

MID___OSWEGATCHIE_HYD 23849	29.96 -0.99 0.00	27.82 -0.95 0.00	24.08 -0.87 0.00	23.24 -0.84 0.00	23.05 -0.79 0.00	24.35 -0.86 0.00	27.80 -0.83 0.00	29.62 -0.82 0.00	31.44 -0.97 0.00	33.38 -1.03 0.00	34.39 -1.14 0.00	35.38 -1.13 0.00	36.35 -1.28 0.00	37.54 -1.40 0.00	38.01 -1.46 0.00	43.41 -1.67 0.00	45.45 -2.39 0.00	53.68 -2.65 0.01	48.25 -2.27 0.00	43.02 -1.61 0.00	39.84 -1.32 0.00	36.68 -0.94 0.00	33.38 -0.96 0.00	30.97 -1.12 0.00
MID___RAQUETTE_HYD 23851	29.68 -1.27 0.00	27.65 -1.12 0.00	23.93 -1.02 0.00	23.09 -0.99 0.00	22.91 -0.93 0.00	24.15 -1.06 0.00	27.62 -1.00 0.00	29.44 -1.00 0.00	31.28 -1.13 0.00	33.14 -1.27 0.00	34.18 -1.35 0.00	34.94 -1.57 0.00	35.90 -1.73 0.00	37.07 -1.87 0.00	37.57 -1.89 0.00	42.91 -2.16 0.00	44.26 -3.59 0.00	52.10 -4.23 0.01	46.73 -3.79 0.01	41.77 -2.86 0.00	38.81 -2.35 0.00	36.00 -1.62 0.00	32.87 -1.48 0.00	30.65 -1.44 0.00
MILLIKEN___1 23584	31.47 0.53 0.00	29.14 0.37 0.00	25.28 0.32 0.00	24.37 0.29 0.00	24.13 0.29 0.00	25.64 0.43 0.00	29.03 0.40 0.00	30.87 0.43 0.00	32.74 0.32 0.00	35.03 0.62 0.00	36.24 0.71 0.00	37.46 0.95 0.00	38.76 1.13 0.00	40.23 1.29 0.00	40.46 0.99 0.00	46.02 0.95 0.00	49.14 1.29 0.00	58.08 1.75 0.00	52.25 1.72 0.00	46.10 1.47 0.00	42.43 1.28 0.00	38.78 1.17 0.00	35.17 0.82 0.00	32.61 0.51 0.00
MILLIKEN___2 23585	31.47 0.53 0.00	29.14 0.37 0.00	25.28 0.32 0.00	24.37 0.29 0.00	24.13 0.29 0.00	25.64 0.43 0.00	29.03 0.40 0.00	30.87 0.43 0.00	32.74 0.32 0.00	35.03 0.62 0.00	36.24 0.71 0.00	37.46 0.95 0.00	38.76 1.13 0.00	40.23 1.29 0.00	40.46 0.99 0.00	46.02 0.95 0.00	49.14 1.29 0.00	58.08 1.75 0.00	52.25 1.72 0.00	46.10 1.47 0.00	42.43 1.28 0.00	38.78 1.17 0.00	35.17 0.82 0.00	32.61 0.51 0.00
MILLIKEN___DIESEL 23629	31.47 0.53 0.00	29.14 0.37 0.00	25.28 0.32 0.00	24.37 0.29 0.00	24.13 0.29 0.00	25.64 0.43 0.00	29.03 0.40 0.00	30.87 0.43 0.00	32.74 0.32 0.00	35.03 0.62 0.00	36.24 0.71 0.00	37.46 0.95 0.00	38.76 1.13 0.00	40.23 1.29 0.00	40.46 0.99 0.00	46.02 0.95 0.00	49.14 1.29 0.00	58.08 1.75 0.00	52.25 1.72 0.00	46.10 1.47 0.00	42.43 1.28 0.00	38.78 1.17 0.00	35.17 0.82 0.00	32.61 0.51 0.00
MILLSEAT___LFGE 323607	30.82 -0.12 0.00	28.31 -0.46 0.00	24.65 -0.30 0.00	23.74 -0.34 0.00	23.48 -0.36 0.00	25.19 -0.03 0.00	28.11 -0.51 0.00	29.93 -0.52 0.00	31.41 -1.01 0.00	34.24 -0.17 0.00	35.92 0.39 0.00	37.71 1.20 0.00	38.81 1.17 0.00	40.46 1.52 0.00	40.59 1.10 -0.01	45.22 0.14 -0.01	48.57 0.72 0.00	57.02 0.68 0.00	51.60 1.06 0.00	45.30 0.67 0.00	41.81 0.66 0.00	38.67 1.05 0.00	34.56 0.21 0.00	31.93 -0.16 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.93 1.98 0.00	30.64 1.87 0.00	26.50 1.55 0.00	25.60 1.52 0.00	25.29 1.45 0.00	26.75 1.54 0.00	30.46 1.83 0.00	32.58 2.13 0.00	34.78 2.37 0.00	36.72 2.31 0.00	37.91 2.38 0.00	39.10 2.59 0.00	40.27 2.63 0.00	41.71 2.76 0.00	42.39 2.92 0.00	48.63 3.56 0.00	51.96 4.11 0.00	61.07 4.73 0.00	54.67 4.14 0.00	47.97 3.35 0.00	44.08 2.92 0.00	40.21 2.60 0.00	36.65 2.30 0.00	34.40 2.31 0.00
MILLWOOD_13_KV_LOAD 356217	33.05 2.10 0.00	30.78 2.01 0.00	26.60 1.65 0.00	25.67 1.59 0.00	25.39 1.55 0.00	26.85 1.64 0.00	30.57 1.95 0.00	32.70 2.25 0.00	34.91 2.50 0.00	36.82 2.41 0.00	38.08 2.56 0.00	39.28 2.77 0.00	40.46 2.82 0.00	41.90 2.96 0.00	42.63 3.16 0.00	48.90 3.83 0.00	52.29 4.45 0.00	61.46 5.13 0.00	55.03 4.50 0.00	48.33 3.70 0.00	44.32 3.17 0.00	40.36 2.75 0.00	36.78 2.44 0.00	34.53 2.44 0.00
MODEL_CITY_ENERGY 24167	29.95 -0.99 0.00	27.56 -1.21 0.00	24.03 -0.92 0.00	23.14 -0.94 0.00	22.88 -0.95 0.00	24.53 -0.68 0.00	27.31 -1.32 0.00	28.96 -1.49 0.00	30.38 -2.04 0.00	33.18 -1.24 0.00	34.82 -0.71 0.00	36.55 0.04 0.00	37.60 -0.04 0.00	39.18 0.24 0.00	39.21 -0.27 -0.01	43.64 -1.44 -0.01	47.03 -0.81 0.00	55.15 -1.19 0.00	49.83 -0.71 0.00	43.74 -0.89 0.00	40.33 -0.82 0.00	37.43 -0.19 0.00	33.49 -0.86 0.00	31.07 -1.03 0.00
MODERN_LFGE___ 323580	29.95 -0.99 0.00	27.56 -1.21 0.00	24.03 -0.92 0.00	23.14 -0.94 0.00	22.88 -0.95 0.00	24.53 -0.68 0.00	27.31 -1.32 0.00	28.96 -1.49 0.00	30.38 -2.04 0.00	33.18 -1.24 0.00	34.82 -0.71 0.00	36.55 0.04 0.00	37.60 -0.04 0.00	39.18 0.24 0.00	39.21 -0.27 -0.01	43.64 -1.44 -0.01	47.03 -0.81 0.00	55.15 -1.19 0.00	49.83 -0.71 0.00	43.74 -0.89 0.00	40.33 -0.82 0.00	37.43 -0.19 0.00	33.49 -0.86 0.00	31.07 -1.03 0.00
MOHAWK_PAPER___DRP 24187	32.06 1.11 0.00	29.86 1.09 0.00	25.90 0.95 0.00	25.00 0.92 0.00	24.72 0.88 0.00	26.14 0.93 0.00	29.69 1.06 0.00	31.45 1.00 0.00	33.52 1.10 0.00	35.48 1.07 0.00	36.56 1.03 0.00	37.64 1.13 0.00	38.80 1.17 0.00	40.03 1.09 0.00	40.65 1.18 0.00	46.52 1.44 0.00	49.57 1.72 0.00	58.53 2.20 0.00	52.50 1.97 0.00	46.32 1.70 0.00	42.72 1.56 0.00	38.93 1.32 0.00	35.44 1.10 0.00	33.22 1.12 0.00
MOHICAN___35_KV_115KV_LD 80490	33.08 2.14 0.00	30.87 2.10 0.00	26.72 1.77 0.00	25.72 1.64 0.00	25.44 1.60 0.00	27.00 1.79 0.00	30.69 2.06 0.00	32.36 1.92 0.00	34.55 2.14 0.00	36.79 2.37 0.00	37.62 2.10 0.00	38.70 2.19 0.00	39.78 2.15 0.00	40.85 1.91 0.00	41.48 2.01 0.00	47.51 2.43 0.00	50.62 2.78 0.00	60.39 4.06 0.00	54.57 4.04 0.00	48.24 3.61 0.00	44.78 3.62 0.00	40.63 3.01 0.00	36.78 2.44 0.00	34.40 2.31 0.00
MONGAUP___HYD 23641	32.65 1.70 0.00	30.38 1.61 0.00	26.35 1.40 0.00	25.38 1.30 0.00	25.10 1.26 0.00	26.50 1.29 0.00	30.14 1.52 0.00	32.00 1.55 0.00	34.13 1.72 0.00	36.03 1.62 0.00	37.13 1.60 0.00	38.22 1.72 0.00	39.48 1.84 0.00	40.93 1.98 0.00	41.48 2.01 0.00	47.60 2.52 0.00	50.91 3.06 0.00	60.05 3.72 0.00	53.97 3.44 0.00	47.48 2.86 0.00	43.71 2.55 0.00	39.87 2.26 0.00	36.47 2.13 0.00	34.12 2.02 0.00
MONTAUK___DIESEL 23721	38.23 4.18 -3.11	36.84 3.74 -4.33	33.80 3.19 -5.65	30.94 3.11 -3.75	29.67 2.93 -2.90	31.14 3.18 -2.75	32.38 3.75 0.00	35.94 3.99 -1.51	37.54 4.57 -0.56	39.30 4.89 0.00	40.54 5.01 0.00	42.17 5.66 0.00	43.32 5.68 0.00	45.41 6.46 0.00	51.86 6.47 -5.92	52.70 7.62 -0.01	60.61 8.95 -3.82	72.69 10.42 -5.94	63.54 9.04 -3.96	51.68 7.05 0.00	47.33 6.17 0.00	43.04 5.42 0.00	38.47 4.12 0.00	36.39 4.30 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.75 0.80 0.00	29.14 0.37 0.00	25.30 0.35 0.00	24.30 0.22 0.00	23.91 0.07 0.00	25.64 0.43 0.00	28.80 0.17 0.00	30.91 0.46 0.00	32.71 0.29 0.00	35.58 1.17 0.00	37.45 1.92 0.00	38.77 2.26 0.00	40.50 2.86 0.00	42.14 3.19 -0.01	41.91 2.37 -0.07	46.77 1.67 -0.03	50.34 2.49 -0.01	59.27 2.93 -0.01	53.31 2.78 0.00	46.95 2.32 0.00	43.09 1.93 0.00	40.14 2.52 0.00	36.00 1.65 0.00	33.31 1.22 0.00

MORTIMER_115KV_TB3 55949	30.45 -0.50 0.00	28.11 -0.66 0.00	24.43 -0.52 0.00	23.53 -0.55 0.00	23.29 -0.55 0.00	24.83 -0.38 0.00	27.91 -0.72 0.00	29.59 -0.85 0.00	31.35 -1.07 0.00	33.96 -0.45 0.00	35.28 -0.25 0.00	36.58 0.07 0.00	37.97 0.34 0.00	39.60 0.66 0.00	39.94 0.47 0.00	44.94 -0.14 0.00	47.84 0.00 0.00	56.45 0.11 0.00	50.68 0.15 0.00	44.67 0.04 0.00	41.24 0.08 0.00	37.92 0.30 0.00	34.17 -0.17 0.00	31.71 -0.39 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.20 2.26 0.00	30.87 2.10 0.00	26.67 1.72 0.00	25.79 1.71 0.00	25.48 1.64 0.00	26.93 1.71 0.00	30.72 2.09 0.00	32.91 2.47 0.00	35.14 2.72 0.00	37.10 2.68 0.00	38.30 2.77 0.00	39.50 2.99 0.00	40.68 3.05 0.00	42.10 3.15 0.00	42.74 3.28 0.00	49.09 4.01 0.00	52.39 4.55 0.00	61.63 5.30 0.00	55.13 4.60 0.00	48.33 3.70 0.00	44.45 3.29 0.00	40.59 2.97 0.00	36.99 2.64 0.00	34.76 2.66 0.00
MUNSVILLE_WIND_PWR 323609	34.78 3.84 0.00	32.02 3.25 0.00	27.62 2.67 0.00	26.51 2.43 0.00	26.29 2.46 0.00	27.96 2.75 0.00	31.92 3.29 0.00	34.01 3.56 0.00	35.66 3.24 0.00	38.10 3.68 0.00	39.43 3.91 0.00	41.25 4.74 0.00	42.49 4.86 0.00	43.73 4.79 0.00	42.95 3.47 0.00	49.00 3.92 0.00	52.58 4.74 0.00	62.25 5.91 0.00	56.14 5.61 0.00	49.62 5.00 0.00	45.68 4.53 0.00	41.60 3.99 0.00	37.47 3.12 0.00	34.41 2.31 0.00
N SALMON___HYD 24042	30.79 -0.15 0.00	28.71 -0.06 0.00	24.85 -0.10 0.00	24.01 -0.07 0.00	23.82 -0.02 0.00	25.11 -0.10 0.00	28.74 0.11 0.00	30.66 0.21 0.00	32.64 0.23 0.00	34.58 0.17 0.00	35.67 0.14 0.00	36.43 -0.07 0.00	37.48 -0.15 0.00	38.90 -0.04 0.00	39.39 -0.08 0.00	44.85 -0.22 0.00	46.27 -1.58 0.00	53.96 -2.36 0.01	48.30 -2.22 0.01	43.47 -1.16 0.00	40.70 -0.45 0.00	37.31 -0.30 0.00	33.97 -0.38 0.00	31.68 -0.42 0.00
N.AKRON__115KV_KNAPP 355671	30.64 -0.31 0.00	28.19 -0.58 0.00	24.53 -0.42 0.00	23.60 -0.48 0.00	23.36 -0.48 0.00	25.03 -0.18 0.00	27.97 -0.66 0.00	29.57 -0.88 0.00	31.22 -1.20 0.00	34.07 -0.34 0.00	35.56 0.04 0.00	36.95 0.44 0.00	38.50 0.87 0.00	40.23 1.29 0.00	40.27 0.79 -0.02	44.95 -0.14 -0.01	48.14 0.29 0.00	56.79 0.45 0.00	51.14 0.61 0.00	45.03 0.40 0.00	41.57 0.41 0.00	38.45 0.83 0.00	34.55 0.21 0.00	32.09 0.00 0.00
N.BELMOR_69_KV_BK1 55787	36.84 2.79 -3.11	35.69 2.59 -4.33	32.77 2.17 -5.65	29.93 2.10 -3.75	28.79 2.05 -2.90	30.13 2.17 -2.75	31.17 2.55 0.00	34.88 2.92 -1.51	36.22 3.24 -0.56	37.54 3.13 0.00	38.62 3.09 0.00	39.98 3.47 0.00	41.06 3.42 0.00	42.88 3.93 0.00	49.49 4.10 -5.92	50.00 4.91 -0.01	58.16 5.50 -4.82	68.64 6.37 -5.94	60.10 5.61 -3.96	49.09 4.46 0.00	44.98 3.83 0.00	41.04 3.42 0.00	37.23 2.88 0.00	35.08 2.98 0.00
N.E_GEN_SANDY PD 24062	32.37 1.42 0.00	30.15 1.38 0.00	28.17 1.22 -2.00	28.07 1.20 -2.79	28.16 1.17 -3.15	27.90 1.21 -1.48	30.00 1.37 0.00	31.82 1.37 0.00	33.94 1.52 0.00	35.82 1.41 0.00	36.88 1.35 0.00	37.93 1.42 0.00	39.10 1.47 0.00	40.34 1.40 0.00	40.97 1.50 0.00	46.92 1.85 0.00	50.00 2.15 0.00	58.87 2.54 0.00	52.75 2.22 0.00	46.50 1.87 0.00	42.88 1.73 0.00	39.12 1.51 0.00	35.75 1.41 0.00	33.63 1.54 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.77 1.83 0.00	30.52 1.75 0.00	26.45 1.50 0.00	25.53 1.44 0.00	25.25 1.41 0.00	26.70 1.49 0.00	30.34 1.72 0.00	32.43 1.98 0.00	34.62 2.20 0.00	36.55 2.13 0.00	37.73 2.20 0.00	38.95 2.45 0.00	40.12 2.48 0.00	41.55 2.61 0.00	42.27 2.80 0.00	48.50 3.43 0.00	51.77 3.92 0.00	60.90 4.56 0.00	54.52 3.99 0.00	47.84 3.21 0.00	43.95 2.80 0.00	40.10 2.48 0.00	36.54 2.20 0.00	34.28 2.18 0.00
N.QUEENS_27_KV_LOAD 356247	33.58 2.63 0.00	31.27 2.50 0.00	27.05 2.10 0.00	26.13 2.05 0.00	25.82 1.98 0.00	27.23 2.02 0.00	31.04 2.40 -0.01	33.19 2.74 0.00	35.37 2.95 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.65 3.14 0.00	40.85 3.20 -0.02	42.15 3.19 -0.02	42.76 3.28 -0.02	49.09 4.01 -0.01	52.53 4.69 0.00	61.74 5.41 0.00	55.30 4.75 -0.02	48.44 3.79 -0.02	44.41 3.25 -0.01	40.60 2.97 -0.01	37.34 2.99 -0.01	34.73 2.63 -0.01
N.TROY___115KV_TB1 355778	32.31 1.36 0.00	30.09 1.32 0.00	26.10 1.15 0.00	25.19 1.11 0.00	24.91 1.07 0.00	26.37 1.16 0.00	29.91 1.29 0.00	31.66 1.22 0.00	33.78 1.36 0.00	35.75 1.34 0.00	36.80 1.28 0.00	37.89 1.39 0.00	39.03 1.39 0.00	40.23 1.29 0.00	40.85 1.38 0.00	46.65 1.58 0.00	49.71 1.87 0.00	58.76 2.42 0.00	52.75 2.22 0.00	46.54 1.92 0.00	42.96 1.81 0.00	39.16 1.54 0.00	35.68 1.34 0.00	33.51 1.41 0.00
NARROWS_GT1_1 24228	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NARROWS_GT1_2 24229	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NARROWS_GT1_3 24230	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NARROWS_GT1_4 24231	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NARROWS_GT1_5 24232	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57

NARROWS_GT1_6 24233	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NARROWS_GT1_7 24234	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NARROWS_GT1_8 24235	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NARROWS_GT2_1 24236	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NARROWS_GT2_2 24237	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NARROWS_GT2_3 24238	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NARROWS_GT2_4 24239	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NARROWS_GT2_5 24240	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NARROWS_GT2_6 24241	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NARROWS_GT2_7 24242	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NARROWS_GT2_8 24243	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.27 4.19 0.00	52.62 4.78 0.01	70.76 5.52 -8.90	55.27 4.75 0.01	48.50 3.88 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.34 1.39 0.00	30.09 1.32 0.00	26.13 1.17 0.00	25.19 1.11 0.00	24.91 1.07 0.00	26.29 1.08 0.00	29.89 1.26 0.00	31.45 1.00 0.00	33.36 0.94 0.00	35.27 0.86 0.00	36.20 0.67 0.00	37.20 0.69 0.00	38.42 0.79 0.00	39.64 0.70 0.00	40.34 0.87 0.00	46.11 1.04 0.00	49.14 1.29 0.00	58.36 2.03 0.00	52.65 2.12 0.00	46.54 1.92 0.00	43.01 1.85 0.00	39.08 1.47 0.00	35.65 1.31 0.00	33.35 1.25 0.00
NCHELSEA_115KV_TR2 355582	32.99 2.04 0.00	30.70 1.93 0.00	26.57 1.62 0.00	25.65 1.57 0.00	25.36 1.53 0.00	26.77 1.56 0.00	30.49 1.86 0.00	32.49 2.04 0.00	34.72 2.30 0.00	36.65 2.24 0.00	37.80 2.27 0.00	38.99 2.48 0.00	40.19 2.56 0.00	41.59 2.65 0.00	42.35 2.88 0.00	48.54 3.47 0.00	51.91 4.07 0.00	61.01 4.68 0.00	54.72 4.19 0.00	48.06 3.44 0.00	44.16 3.00 0.00	40.17 2.56 0.00	36.68 2.34 0.00	34.40 2.31 0.00
NEG CAPITAL___MECHNVIL 23645	32.93 1.98 0.00	30.70 1.93 0.00	26.60 1.65 0.00	25.62 1.54 0.00	25.32 1.48 0.00	26.83 1.61 0.00	30.49 1.86 0.00	32.21 1.77 0.00	34.36 1.94 0.00	36.51 2.10 0.00	37.51 1.99 0.00	38.62 2.12 0.00	39.78 2.14 0.00	41.00 2.06 0.00	41.60 2.13 0.00	47.60 2.52 0.00	50.72 2.87 0.00	60.28 3.94 0.00	54.17 3.64 0.00	47.84 3.21 0.00	44.20 3.05 0.00	40.18 2.56 0.00	36.51 2.17 0.00	34.21 2.12 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.99 -0.96 0.00	27.67 -1.09 0.00	24.03 -0.92 0.00	23.19 -0.89 0.00	22.96 -0.88 0.00	24.48 -0.73 0.00	27.54 -1.09 0.00	29.38 -1.07 0.00	30.99 -1.43 0.00	33.52 -0.89 0.00	34.89 -0.64 0.00	36.36 -0.15 0.00	37.45 -0.19 0.00	38.94 0.00 0.00	39.30 -0.16 0.01	44.40 -0.67 0.00	47.32 -0.53 0.00	55.72 -0.62 0.00	50.12 -0.41 0.00	44.04 -0.58 0.00	40.62 -0.54 0.00	37.28 -0.34 0.00	33.59 -0.76 0.00	31.10 -1.00 0.00

NEG CENTRAL___DRP 24199	30.79 -0.15 0.00	28.54 -0.23 0.00	24.75 -0.20 0.00	23.86 -0.22 0.00	23.65 -0.19 0.00	25.19 -0.03 0.00	28.45 -0.17 0.00	30.23 -0.21 0.00	32.48 0.06 0.00	34.89 0.48 0.00	36.16 0.64 0.00	37.46 0.95 0.00	38.88 1.24 0.00	40.38 1.44 0.00	40.61 1.14 0.00	46.07 0.99 0.00	48.61 0.77 0.00	57.40 1.07 0.00	51.64 1.11 0.00	45.47 0.85 0.00	41.85 0.70 0.00	38.29 0.68 0.00	34.62 0.27 0.00	32.09 0.00 0.00
NEG CENTRAL___INDECK 23768	31.87 0.93 0.00	29.34 0.58 0.00	25.45 0.50 0.00	24.54 0.46 0.00	24.29 0.45 0.00	26.02 0.81 0.00	29.17 0.54 0.00	30.90 0.46 0.00	32.32 -0.10 0.00	34.93 0.52 0.00	35.21 -0.32 0.00	36.91 0.40 0.00	38.01 0.38 0.00	39.60 0.66 0.00	39.84 0.35 -0.02	44.77 -0.31 -0.01	48.04 0.19 0.00	56.84 0.51 0.00	51.64 1.11 0.00	45.70 1.07 0.00	42.35 1.19 0.00	38.90 1.28 0.00	34.83 0.48 0.00	33.09 1.00 0.00
NEG CENTRAL___SENECA 23627	31.01 0.06 0.00	28.74 -0.03 0.00	24.93 -0.02 0.00	24.01 -0.07 0.00	23.79 -0.05 0.00	25.39 0.18 0.00	28.65 0.03 0.00	30.42 -0.03 0.00	32.90 0.49 0.00	35.44 1.03 0.00	36.77 1.24 0.00	38.11 1.61 0.00	39.63 1.99 0.00	41.24 2.30 0.00	41.36 1.89 0.00	46.88 1.80 0.00	49.14 1.29 0.00	58.08 1.75 0.00	52.20 1.67 0.00	45.96 1.34 0.00	42.31 1.15 0.00	38.75 1.13 0.00	34.93 0.58 0.00	32.35 0.26 0.00
NEG CENTRAL___STATE_STREET 24147	30.79 -0.15 0.00	28.57 -0.20 0.00	24.75 -0.20 0.00	23.89 -0.19 0.00	23.65 -0.19 0.00	25.11 -0.10 0.00	28.43 -0.20 0.00	30.23 -0.21 0.00	32.19 -0.23 0.00	34.48 0.07 0.00	35.70 0.18 0.00	36.95 0.44 0.00	38.24 0.60 0.00	39.68 0.74 0.00	40.02 0.55 0.00	45.48 0.41 0.00	48.42 0.57 0.00	57.18 0.85 0.00	51.39 0.86 0.00	45.30 0.67 0.00	41.69 0.54 0.00	38.07 0.45 0.00	34.52 0.17 0.00	32.06 -0.03 0.00
NEG MILLWOOD___DRP 24198	33.27 2.32 0.00	30.95 2.19 0.00	26.75 1.80 0.00	25.79 1.71 0.00	25.48 1.64 0.00	26.95 1.74 0.00	30.69 2.06 0.00	32.76 2.31 0.00	35.01 2.59 0.00	36.96 2.55 0.00	38.23 2.70 0.00	39.46 2.96 0.00	40.68 3.05 0.00	42.14 3.19 0.00	42.90 3.43 0.00	49.18 4.10 0.00	52.73 4.88 0.00	62.02 5.69 0.00	55.58 5.05 0.00	48.78 4.15 0.00	44.65 3.50 0.00	40.51 2.90 0.00	36.95 2.61 0.00	34.66 2.57 0.00
NEG NORTH_FLCN_SEA 23793	31.78 0.84 0.00	29.66 0.89 0.00	25.68 0.72 0.00	24.80 0.72 0.00	24.63 0.79 0.00	25.97 0.76 0.00	29.71 1.09 0.00	31.69 1.25 0.00	33.74 1.33 0.00	35.72 1.31 0.00	36.91 1.39 0.00	37.71 1.20 0.00	38.84 1.20 0.00	40.34 1.40 0.00	40.85 1.38 0.00	46.52 1.44 0.00	46.89 -0.96 0.00	54.35 -1.97 0.01	48.60 -1.92 0.01	44.36 -0.27 0.00	42.14 0.99 0.00	38.56 0.94 0.00	35.03 0.69 0.00	32.67 0.58 0.00
NEG NORTH_KES_CHATEGAY 23792	30.91 -0.03 0.00	28.80 0.03 0.00	24.95 0.00 0.00	24.10 0.02 0.00	23.91 0.07 0.00	25.21 0.00 0.00	28.80 0.17 0.00	30.69 0.24 0.00	32.67 0.26 0.00	34.62 0.21 0.00	35.70 0.18 0.00	36.47 -0.04 0.00	37.52 -0.11 0.00	38.94 0.00 0.00	39.47 0.00 0.00	44.98 -0.09 0.00	46.31 -1.53 0.00	54.13 -2.20 0.01	48.45 -2.07 0.01	43.55 -1.07 0.00	40.78 -0.37 0.00	37.28 -0.34 0.00	33.97 -0.38 0.00	31.71 -0.39 0.00
NEG NORTH___ALICE_FALLS 23915	31.66 0.71 0.00	29.54 0.78 0.00	25.58 0.62 0.00	24.71 0.63 0.00	24.51 0.67 0.00	25.84 0.63 0.00	29.60 0.97 0.00	31.57 1.13 0.00	33.61 1.20 0.00	35.58 1.17 0.00	36.73 1.21 0.00	37.57 1.06 0.00	38.65 1.02 0.00	40.19 1.25 0.00	40.69 1.22 0.00	46.34 1.26 0.00	46.94 -0.91 0.00	54.58 -1.75 0.01	48.80 -1.72 0.01	44.40 -0.22 0.00	42.06 0.91 0.00	38.44 0.83 0.00	34.93 0.58 0.00	32.54 0.45 0.00
NEG NORTH___LWR_SARANAC 23913	31.66 0.71 0.00	29.54 0.78 0.00	25.58 0.62 0.00	24.71 0.63 0.00	24.51 0.67 0.00	25.84 0.63 0.00	29.60 0.97 0.00	31.57 1.13 0.00	33.61 1.20 0.00	35.58 1.17 0.00	36.73 1.21 0.00	37.57 1.06 0.00	38.65 1.02 0.00	40.19 1.25 0.00	40.69 1.22 0.00	46.34 1.26 0.00	46.94 -0.91 0.00	54.58 -1.75 0.01	48.80 -1.72 0.01	44.40 -0.22 0.00	42.06 0.91 0.00	38.44 0.83 0.00	34.93 0.58 0.00	32.54 0.45 0.00
NEG NORTH___PLATTSBURG 23628	31.66 0.71 0.00	29.54 0.78 0.00	25.58 0.62 0.00	24.71 0.63 0.00	24.51 0.67 0.00	25.84 0.63 0.00	29.60 0.97 0.00	31.57 1.13 0.00	33.62 1.20 0.00	35.58 1.17 0.00	36.73 1.21 0.00	37.53 1.02 0.00	38.65 1.02 0.00	40.19 1.25 0.00	40.69 1.22 0.00	46.29 1.22 0.00	47.08 -0.77 0.00	54.52 -1.80 0.01	48.80 -1.72 0.01	44.40 -0.22 0.00	42.06 0.90 0.00	38.44 0.83 0.00	34.93 0.58 0.00	32.54 0.45 0.00
NEG WEST_LEA_LOCKPORT 23791	30.05 -0.90 0.00	27.67 -1.09 0.00	24.13 -0.82 0.00	23.19 -0.89 0.00	22.96 -0.88 0.00	24.58 -0.63 0.00	27.42 -1.20 0.00	28.87 -1.58 0.00	30.51 -1.91 0.00	33.31 -1.10 0.00	34.78 -0.75 0.00	36.11 -0.40 0.00	37.68 0.04 0.00	39.38 0.43 -0.01	39.33 -0.16 -0.02	43.87 -1.22 -0.01	47.08 -0.77 -0.01	55.49 -0.85 -0.01	49.93 -0.61 0.00	43.96 -0.67 0.00	40.54 -0.62 0.00	37.62 0.00 0.00	33.87 -0.48 0.00	31.52 -0.58 0.00
NEG WEST___LANCASTR 23811	30.61 -0.34 0.00	28.16 -0.60 0.00	24.50 -0.45 0.00	23.55 -0.53 0.00	23.31 -0.52 0.00	25.03 -0.18 0.00	27.97 -0.66 0.00	29.63 -0.82 0.00	31.38 -1.04 0.00	34.14 -0.28 0.00	35.78 0.25 0.00	37.17 0.66 0.00	38.77 1.13 0.00	40.31 1.36 -0.01	39.66 0.12 -0.08	44.75 -0.36 -0.03	48.23 0.38 -0.01	57.13 0.79 -0.01	51.44 0.91 0.00	45.30 0.67 0.00	41.57 0.41 0.00	38.48 0.87 0.00	34.59 0.24 0.00	32.13 0.03 0.00
NEG_PENN_ALLEGHNY 23528	31.26 0.31 0.00	28.91 0.14 0.00	25.10 0.15 0.00	24.20 0.12 0.00	23.96 0.12 0.00	25.49 0.28 0.00	28.80 0.17 0.00	30.69 0.24 0.00	32.58 0.16 0.00	34.89 0.48 0.00	36.24 0.71 0.00	37.60 1.09 0.00	38.80 1.17 0.00	40.27 1.32 0.00	40.66 1.18 -0.01	46.02 0.95 0.00	49.28 1.43 0.00	58.02 1.69 0.00	52.15 1.62 0.00	45.96 1.34 0.00	42.27 1.11 0.00	38.71 1.09 0.00	35.07 0.72 0.00	32.51 0.42 0.00
NEG___GEN_MONROE 24207	30.70 -0.25 0.00	28.37 -0.40 0.00	24.58 -0.37 0.00	23.65 -0.43 0.00	23.41 -0.43 0.00	25.03 -0.18 0.00	28.11 -0.52 0.00	29.78 -0.67 0.00	31.44 -0.97 0.00	34.14 -0.28 0.00	35.53 0.00 0.00	36.87 0.37 0.00	38.27 0.64 0.00	39.92 0.97 0.00	40.21 0.75 0.00	45.21 0.14 0.00	48.08 0.24 0.00	56.78 0.45 0.00	51.14 0.61 0.00	45.07 0.45 0.00	41.65 0.49 0.00	38.33 0.71 0.00	34.59 0.24 0.00	32.13 0.03 0.00
NEPA___ENERGY 23901	30.98 0.03 0.00	28.51 -0.26 0.00	24.80 -0.15 0.00	23.84 -0.24 0.00	23.58 -0.26 0.00	25.31 0.10 0.00	28.28 -0.34 0.00	30.11 -0.33 0.00	31.90 -0.52 0.00	34.69 0.28 0.00	36.38 0.85 0.00	37.75 1.24 0.00	39.37 1.73 0.00	41.05 2.10 -0.01	40.88 1.34 -0.07	45.87 0.77 -0.03	49.33 1.48 -0.01	58.20 1.86 -0.01	52.30 1.77 0.00	46.06 1.43 0.00	42.27 1.11 0.00	39.16 1.54 0.00	35.17 0.82 0.00	32.51 0.42 0.00

NEVERSINK___HYD 23608	32.12 1.18 0.00	29.83 1.07 0.00	25.88 0.92 0.00	24.95 0.87 0.00	24.67 0.83 0.00	26.02 0.81 0.00	29.66 1.03 0.00	31.57 1.13 0.00	33.71 1.30 0.00	35.62 1.20 0.00	36.70 1.17 0.00	37.82 1.31 0.00	39.03 1.39 0.00	40.46 1.52 0.00	41.16 1.70 0.00	47.28 2.21 0.00	50.52 2.68 0.00	59.43 3.10 0.00	53.36 2.83 0.00	46.90 2.27 0.00	43.09 1.93 0.00	39.20 1.58 0.00	35.82 1.48 0.00	33.47 1.38 0.00
NEWKRMKL_115KV_TB1 55635	31.69 0.74 0.00	29.52 0.75 0.00	25.63 0.67 0.00	24.71 0.63 0.00	24.46 0.62 0.00	25.84 0.63 0.00	29.34 0.72 0.00	31.12 0.67 0.00	33.16 0.75 0.00	35.10 0.69 0.00	36.20 0.67 0.00	37.27 0.77 0.00	38.42 0.79 0.00	39.60 0.66 0.00	40.26 0.79 0.00	46.02 0.95 0.00	49.04 1.20 0.00	57.91 1.58 0.00	51.89 1.36 0.00	45.79 1.16 0.00	42.22 1.07 0.00	38.44 0.83 0.00	35.03 0.69 0.00	32.83 0.74 0.00
NEWTON___FALLS_HYD 23847	29.96 -0.99 0.00	27.82 -0.95 0.00	24.08 -0.87 0.00	23.24 -0.84 0.00	23.05 -0.79 0.00	24.35 -0.86 0.00	27.80 -0.83 0.00	29.62 -0.82 0.00	31.44 -0.97 0.00	33.38 -1.03 0.00	34.39 -1.14 0.00	35.38 -1.13 0.00	36.35 -1.28 0.00	37.54 -1.40 0.00	38.01 -1.46 0.00	43.41 -1.67 0.00	45.45 -2.39 0.00	53.68 -2.65 0.01	48.25 -2.27 0.00	43.02 -1.61 0.00	39.84 -1.32 0.00	36.68 -0.94 0.00	33.38 -0.96 0.00	30.97 -1.12 0.00
NGRID_A1_DSASP 323792	29.19 -1.73 0.02	26.85 -1.90 0.02	23.46 -1.47 0.02	22.59 -1.47 0.02	22.34 -1.48 0.02	23.93 -1.26 0.02	26.60 -2.00 0.02	28.26 -2.16 0.02	29.67 -2.72 0.02	32.39 -2.00 0.02	34.04 -1.46 0.02	35.71 -0.77 0.02	36.78 -0.83 0.02	38.33 -0.58 0.03	38.39 -1.03 0.05	42.69 -2.35 0.04	46.05 -1.77 0.03	53.94 -2.36 0.03	48.74 -1.77 0.02	42.77 -1.83 0.02	39.36 -1.77 0.02	36.50 -1.09 0.02	32.64 -1.68 0.02	30.25 -1.83 0.02
NGRID_A2_DSASP 323793	29.19 -1.73 0.02	26.85 -1.90 0.02	23.46 -1.47 0.02	22.59 -1.47 0.02	22.34 -1.48 0.02	23.93 -1.26 0.02	26.60 -2.00 0.02	28.26 -2.16 0.02	29.67 -2.72 0.02	32.39 -2.00 0.02	34.04 -1.46 0.02	35.71 -0.77 0.02	36.78 -0.83 0.02	38.33 -0.58 0.03	38.39 -1.03 0.05	42.69 -2.35 0.04	46.05 -1.77 0.03	53.94 -2.36 0.03	48.74 -1.77 0.02	42.77 -1.83 0.02	39.36 -1.77 0.02	36.50 -1.09 0.02	32.64 -1.68 0.02	30.25 -1.83 0.02
NGRID_A4_DSASP 323807	29.19 -1.73 0.02	26.85 -1.90 0.02	23.46 -1.47 0.02	22.59 -1.47 0.02	22.34 -1.48 0.02	23.93 -1.26 0.02	26.60 -2.00 0.02	28.26 -2.16 0.02	29.67 -2.72 0.02	32.39 -2.00 0.02	34.04 -1.46 0.02	35.71 -0.77 0.02	36.78 -0.83 0.02	38.33 -0.58 0.03	38.39 -1.03 0.05	42.69 -2.35 0.04	46.05 -1.77 0.03	53.94 -2.36 0.03	48.74 -1.77 0.02	42.77 -1.83 0.02	39.36 -1.77 0.02	36.50 -1.09 0.02	32.64 -1.68 0.02	30.25 -1.83 0.02
NIAGARA_115E_LBMP 323715	29.77 -1.18 0.00	27.39 -1.38 0.00	23.91 -1.05 0.00	23.02 -1.06 0.00	22.77 -1.07 0.00	24.38 -0.83 0.00	27.14 -1.49 0.00	28.74 -1.70 0.00	30.15 -2.27 0.00	32.93 -1.48 0.00	34.57 -0.96 0.00	36.29 -0.22 0.00	37.30 -0.34 0.00	38.91 -0.04 0.00	38.89 -0.59 -0.01	43.28 -1.80 -0.01	46.70 -1.15 0.00	54.70 -1.64 0.00	49.42 -1.11 0.00	43.43 -1.20 0.00	40.00 -1.15 0.00	37.17 -0.45 0.00	33.25 -1.10 0.00	30.87 -1.22 0.00
NIAGARA_115W_LBMP 323714	29.13 -1.80 0.02	26.79 -1.96 0.02	23.41 -1.52 0.02	22.54 -1.52 0.02	22.29 -1.53 0.02	23.88 -1.31 0.02	26.57 -2.03 0.02	28.20 -2.22 0.02	29.64 -2.76 0.02	32.33 -2.06 0.02	33.98 -1.53 0.02	35.65 -0.84 0.02	36.67 -0.94 0.02	38.26 -0.66 0.02	38.32 -1.10 0.05	42.61 -2.43 0.03	45.95 -1.87 0.02	53.83 -2.48 0.02	48.64 -1.87 0.02	42.69 -1.92 0.02	39.28 -1.85 0.02	36.43 -1.17 0.02	32.57 -1.75 0.02	30.18 -1.89 0.02
NIAGARA_230_LBMP 323716	29.80 -1.14 0.00	27.42 -1.35 0.00	23.93 -1.02 0.00	23.05 -1.03 0.00	22.79 -1.05 0.00	24.40 -0.81 0.00	27.20 -1.43 0.00	28.80 -1.64 0.00	30.21 -2.21 0.00	32.97 -1.44 0.00	34.53 -0.99 0.00	36.25 -0.25 0.00	37.26 -0.38 0.00	38.82 -0.12 0.00	38.89 -0.55 0.03	43.35 -1.71 0.01	46.69 -1.15 0.00	54.69 -1.64 0.00	49.42 -1.11 0.00	43.42 -1.20 0.00	40.00 -1.15 0.00	37.12 -0.49 0.00	33.28 -1.06 0.00	30.91 -1.19 0.00
NIAGARA___115KV_198_GIBSON 55903	29.01 -1.92 0.02	26.73 -2.01 0.02	23.34 -1.60 0.02	22.42 -1.64 0.02	22.20 -1.62 0.02	23.78 -1.41 0.02	26.49 -2.12 0.02	27.87 -2.56 0.02	29.48 -2.92 0.02	32.15 -2.24 0.02	33.62 -1.88 0.02	34.92 -1.57 0.02	36.41 -1.20 0.02	38.06 -0.86 0.02	38.00 -1.42 0.05	42.38 -2.66 0.03	45.57 -2.25 0.02	53.66 -2.65 0.02	48.23 -2.27 0.02	42.46 -2.14 0.02	39.12 -2.02 0.02	36.28 -1.32 0.02	32.57 -1.75 0.02	30.28 -1.80 0.02
NIAGARA____ 23760	29.79 -1.14 0.01	27.41 -1.35 0.01	23.92 -1.02 0.01	23.03 -1.03 0.01	22.78 -1.05 0.01	24.39 -0.81 0.01	27.19 -1.43 0.01	28.79 -1.64 0.01	30.20 -2.21 0.01	32.96 -1.44 0.01	34.52 -0.99 0.01	36.25 -0.25 0.01	37.25 -0.38 0.01	38.82 -0.12 0.01	38.89 -0.55 0.02	43.35 -1.71 0.01	46.69 -1.15 0.01	54.69 -1.64 0.01	49.41 -1.11 0.01	43.42 -1.20 0.01	40.00 -1.15 0.01	37.12 -0.49 0.01	33.27 -1.06 0.01	30.90 -1.19 0.01
NINE_MILE_1 23575	29.58 -1.36 0.00	27.44 -1.32 0.00	23.86 -1.10 0.00	23.05 -1.03 0.00	22.81 -1.02 0.00	24.15 -1.06 0.00	27.31 -1.32 0.00	29.08 -1.37 0.00	30.86 -1.56 0.00	32.97 -1.44 0.00	34.10 -1.42 0.00	35.27 -1.24 0.00	36.39 -1.24 0.00	37.69 -1.25 0.00	38.13 -1.34 0.00	43.36 -1.71 0.00	46.17 -1.68 0.00	54.36 -1.97 0.00	48.81 -1.72 0.00	43.02 -1.60 0.00	39.67 -1.48 0.00	36.26 -1.35 0.00	33.00 -1.34 0.00	30.68 -1.41 0.00
NINE_MILE_2 23744	29.58 -1.36 0.00	27.44 -1.32 0.00	23.86 -1.10 0.00	23.05 -1.03 0.00	22.81 -1.02 0.00	24.15 -1.06 0.00	27.31 -1.32 0.00	29.08 -1.37 0.00	30.86 -1.56 0.00	32.97 -1.44 0.00	34.10 -1.42 0.00	35.27 -1.24 0.00	36.39 -1.24 0.00	37.69 -1.25 0.00	38.13 -1.34 0.00	43.36 -1.71 0.00	46.17 -1.68 0.00	54.36 -1.97 0.00	48.81 -1.72 0.00	43.02 -1.60 0.00	39.67 -1.48 0.00	36.26 -1.35 0.00	33.00 -1.34 0.00	30.68 -1.41 0.00
NM_CAPITAL___DRP 24208	31.75 0.80 0.00	29.57 0.81 0.00	25.68 0.72 0.00	24.75 0.67 0.00	24.51 0.67 0.00	25.89 0.68 0.00	29.40 0.77 0.00	31.18 0.73 0.00	33.19 0.78 0.00	35.17 0.76 0.00	36.24 0.71 0.00	37.31 0.80 0.00	38.42 0.79 0.00	39.64 0.70 0.00	40.30 0.83 0.00	46.07 0.99 0.00	49.04 1.20 0.00	57.91 1.58 0.00	51.95 1.41 0.00	45.83 1.20 0.00	42.22 1.07 0.00	38.48 0.87 0.00	35.07 0.72 0.00	32.90 0.80 0.00
NM_CENTRAL___DRP 24181	30.30 -0.65 0.00	28.11 -0.66 0.00	24.40 -0.55 0.00	23.55 -0.53 0.00	23.31 -0.52 0.00	24.73 -0.48 0.00	27.97 -0.66 0.00	29.75 -0.70 0.00	31.60 -0.81 0.00	33.86 -0.55 0.00	34.99 -0.53 0.00	36.14 -0.37 0.00	37.37 -0.26 0.00	38.79 -0.16 0.00	39.19 -0.28 0.00	44.53 -0.54 0.00	47.51 -0.33 0.00	62.97 -0.34 -6.97	50.23 -0.30 0.00	44.27 -0.36 0.00	40.74 -0.41 0.00	37.24 -0.38 0.00	33.90 -0.45 0.00	31.52 -0.58 0.00

NM_FRONTIER___DRP 24179	29.01 -1.92 0.02	26.73 -2.01 0.02	23.34 -1.60 0.02	22.42 -1.64 0.02	22.20 -1.62 0.02	23.78 -1.41 0.02	26.49 -2.12 0.02	27.87 -2.56 0.02	29.48 -2.92 0.02	32.15 -2.24 0.02	33.62 -1.88 0.02	34.92 -1.57 0.02	36.41 -1.20 0.02	38.06 -0.86 0.02	38.00 -1.42 0.05	42.38 -2.66 0.03	45.57 -2.25 0.02	53.66 -2.65 0.02	48.23 -2.27 0.02	42.46 -2.14 0.02	39.12 -2.02 0.02	36.28 -1.32 0.02	32.57 -1.75 0.02	30.28 -1.80 0.02
NM_ST_REGIS___HYD 24053	29.92 -1.02 0.00	27.90 -0.86 0.00	24.13 -0.82 0.00	23.31 -0.77 0.00	23.10 -0.74 0.00	24.38 -0.83 0.00	27.88 -0.74 0.00	29.75 -0.70 0.00	31.64 -0.78 0.00	33.48 -0.93 0.00	34.53 -0.99 0.00	35.30 -1.20 0.00	36.28 -1.35 0.00	37.50 -1.44 0.00	38.01 -1.46 0.00	43.41 -1.67 0.00	44.69 -3.16 0.00	52.49 -3.83 0.01	47.09 -3.44 0.01	42.17 -2.45 0.00	39.26 -1.89 0.00	36.30 -1.32 0.00	33.11 -1.24 0.00	30.87 -1.22 0.00
NORTHPORT___1 23551	36.56 2.51 -3.11	35.63 2.53 -4.33	32.72 2.12 -5.65	29.93 2.09 -3.75	28.79 2.05 -2.90	30.13 2.17 -2.75	31.17 2.55 0.00	34.79 2.83 -1.51	36.02 3.05 -0.56	36.82 2.41 0.00	35.11 1.99 2.41	35.11 2.37 3.77	35.05 2.37 4.96	35.21 3.00 6.73	35.18 3.00 7.29	35.21 3.65 13.51	35.38 4.35 16.82	35.38 4.96 25.91	35.38 4.19 19.34	35.38 3.21 12.46	35.38 2.72 8.49	35.31 2.94 5.24	35.25 2.34 1.43	34.79 2.70 0.00
NORTHPORT___2 23552	36.56 2.51 -3.11	35.63 2.53 -4.33	32.72 2.12 -5.65	29.93 2.09 -3.75	28.79 2.05 -2.90	30.13 2.17 -2.75	31.17 2.55 0.00	34.79 2.83 -1.51	36.02 3.05 -0.56	36.82 2.41 0.00	35.11 1.99 2.41	35.11 2.37 3.77	35.05 2.37 4.96	35.21 3.00 6.73	35.18 3.00 7.29	35.21 3.65 13.51	35.34 4.35 16.86	35.31 4.96 25.98	35.27 4.19 19.45	35.38 3.21 12.46	35.38 2.72 8.49	35.31 2.94 5.24	35.25 2.34 1.43	34.79 2.70 0.00
NORTHPORT___3 23553	36.03 1.98 -3.10	35.06 1.96 -4.33	32.22 1.62 -5.65	29.40 1.56 -3.75	28.27 1.53 -2.90	29.57 1.61 -2.75	30.54 1.92 0.00	34.18 2.22 -1.51	35.47 2.50 -0.56	36.47 2.06 0.01	35.10 1.99 2.41	35.10 2.37 3.78	35.04 2.37 4.97	35.16 2.96 6.74	35.25 3.08 7.30	35.34 3.79 13.52	35.42 4.40 16.82	35.42 5.07 25.99	35.42 4.35 19.46	35.41 3.26 12.47	35.37 2.72 8.50	35.04 2.67 5.25	35.04 2.13 1.43	34.40 2.31 0.01
NORTHPORT___4 23650	36.03 1.98 -3.10	35.06 1.96 -4.33	32.22 1.62 -5.65	29.40 1.56 -3.75	28.27 1.53 -2.90	29.57 1.61 -2.75	30.54 1.92 0.00	34.18 2.22 -1.51	35.47 2.50 -0.56	36.47 2.06 0.01	35.10 1.99 2.41	35.10 2.37 3.78	35.04 2.37 4.97	35.16 2.96 6.74	35.25 3.08 7.30	35.34 3.79 13.52	35.42 4.40 16.82	35.42 5.07 25.99	35.42 4.35 19.46	35.41 3.26 12.47	35.37 2.72 8.50	35.04 2.67 5.25	35.04 2.13 1.43	34.40 2.31 0.01
NORTHPORT___IC 23718	36.59 2.54 -3.11	35.66 2.56 -4.33	32.72 2.12 -5.65	29.95 2.12 -3.75	28.79 2.05 -2.90	30.13 2.17 -2.75	31.17 2.55 0.00	34.82 2.86 -1.51	36.05 3.08 -0.56	37.13 2.72 0.00	35.21 2.10 2.41	35.25 2.52 3.77	35.12 2.45 4.96	35.25 3.04 6.73	35.22 3.04 7.29	35.26 3.70 13.51	35.34 4.35 16.86	35.31 4.96 25.98	35.38 4.30 19.45	35.38 3.21 12.46	35.38 2.72 8.49	34.86 2.48 5.24	34.77 1.85 1.43	34.34 2.25 0.00
NORTH___COUNTRY_ESR 323785	30.82 -0.12 0.00	28.71 -0.06 0.00	24.88 -0.07 0.00	24.03 -0.05 0.00	23.84 0.00 0.00	25.14 -0.08 0.00	28.71 0.09 0.00	30.60 0.15 0.00	32.61 0.20 0.00	34.55 0.14 0.00	35.67 0.14 0.00	36.40 -0.11 0.00	37.48 -0.15 0.00	38.86 -0.08 0.00	39.35 -0.12 0.00	44.85 -0.22 0.00	46.31 -1.53 0.00	54.01 -2.31 0.01	48.35 -2.17 0.01	43.42 -1.20 0.00	40.62 -0.54 0.00	37.13 -0.49 0.00	33.86 -0.48 0.00	31.58 -0.51 0.00
NPX_GEN_1385_PROXY 323591	36.41 2.35 -3.11	35.46 2.36 -4.33	32.42 1.82 -5.65	29.81 1.98 -3.75	28.74 2.00 -2.90	30.00 2.04 -2.75	31.06 2.43 0.00	34.66 2.71 -1.51	35.79 2.82 -0.56	36.48 2.06 0.00	35.00 1.88 2.41	35.00 2.26 3.77	35.09 2.41 4.96	35.09 2.88 6.73	35.06 2.88 7.29	35.39 3.83 13.51	35.85 4.83 16.83	36.27 5.86 25.92	36.17 5.00 19.36	36.00 3.84 12.46	35.05 2.39 8.49	34.94 2.56 5.24	34.94 2.03 1.43	34.50 2.41 0.00
NPX_GEN_CSC 323557	36.68 2.63 -3.11	35.63 2.53 -4.33	32.80 2.20 -5.65	30.05 2.21 -3.75	28.91 2.17 -2.90	30.25 2.29 -2.75	31.35 2.72 0.00	34.66 2.71 -1.51	35.99 3.02 -0.56	37.03 2.61 0.00	38.05 2.52 0.00	39.47 2.96 0.00	40.68 3.05 0.00	42.65 3.70 0.00	49.14 3.75 -5.92	49.59 4.51 -0.01	57.12 5.45 -3.82	68.58 6.31 -5.94	59.90 5.41 -3.96	48.78 4.15 0.00	44.78 3.62 0.00	41.16 3.53 0.00	37.09 2.75 0.00	35.08 2.99 0.00
NSINS_S_GLNS_FALLS 23858	33.05 2.10 0.00	30.84 2.07 0.00	26.70 1.75 0.00	25.72 1.64 0.00	25.41 1.57 0.00	26.98 1.76 0.00	30.66 2.03 0.00	32.33 1.89 0.00	34.55 2.14 0.00	36.75 2.34 0.00	37.59 2.06 0.00	38.66 2.15 0.00	39.74 2.11 0.00	40.81 1.87 0.00	41.40 1.93 0.00	47.42 2.34 0.00	50.52 2.68 0.00	60.33 3.99 0.00	54.52 3.99 0.00	48.20 3.57 0.00	44.78 3.62 0.00	40.63 3.01 0.00	36.78 2.44 0.00	34.40 2.31 0.00
NUCOR_STEEL___DRP 24197	30.82 -0.12 0.00	28.60 -0.17 0.00	24.80 -0.15 0.00	23.94 -0.14 0.00	23.70 -0.14 0.00	25.14 -0.08 0.00	28.43 -0.20 0.00	30.23 -0.21 0.00	32.12 -0.29 0.00	34.38 -0.03 0.00	35.56 0.04 0.00	36.76 0.26 0.00	38.05 0.41 0.00	39.49 0.55 0.00	39.86 0.39 0.00	45.30 0.23 0.00	48.23 0.38 0.00	56.95 0.62 0.00	51.19 0.66 0.00	45.12 0.49 0.00	41.57 0.41 0.00	37.99 0.38 0.00	34.48 0.14 0.00	32.03 -0.06 0.00
NUMBER_THREE_WT_PWR 323818	30.79 -0.15 0.00	28.54 -0.23 0.00	24.70 -0.25 0.00	23.82 -0.26 0.00	23.62 -0.21 0.00	25.01 -0.20 0.00	28.51 -0.11 0.00	30.39 -0.06 0.00	32.19 -0.23 0.00	34.24 -0.17 0.00	35.31 -0.21 0.00	36.47 -0.04 0.00	37.56 -0.08 0.00	38.67 -0.27 0.00	39.15 -0.32 0.00	44.76 -0.31 0.00	47.51 -0.33 0.00	56.22 -0.11 0.00	50.58 0.05 0.00	44.94 0.31 0.00	41.48 0.33 0.00	37.95 0.34 0.00	34.45 0.10 0.00	31.90 -0.19 0.00
NYISO_LBMP_REFERENCE 24008	30.95 0.00 0.00	28.77 0.00 0.00	24.95 0.00 0.00	24.08 0.00 0.00	23.84 0.00 0.00	25.21 0.00 0.00	28.63 0.00 0.00	30.45 0.00 0.00	32.42 0.00 0.00	34.41 0.00 0.00	35.53 0.00 0.00	36.51 0.00 0.00	37.63 0.00 0.00	38.94 0.00 0.00	39.47 0.00 0.00	45.07 0.00 0.00	47.85 0.00 0.00	56.33 0.00 0.00	50.53 0.00 0.00	44.63 0.00 0.00	41.15 0.00 0.00	37.62 0.00 0.00	34.34 0.00 0.00	32.09 0.00 0.00
NYPA_BRENTWD____GT 24164	37.09 3.03 -3.11	36.00 2.90 -4.33	33.05 2.45 -5.65	30.22 2.38 -3.75	29.10 2.36 -2.90	30.43 2.47 -2.75	31.52 2.89 0.00	35.18 3.23 -1.51	36.48 3.50 -0.56	37.47 3.06 0.00	38.43 2.88 -0.03	39.86 3.32 -0.03	41.02 3.35 -0.03	42.99 4.01 -0.03	49.33 3.95 -5.92	49.82 4.73 -0.01	57.29 5.55 -3.90	68.30 6.03 -5.94	59.70 5.21 -3.96	48.95 4.33 0.00	44.90 3.74 0.00	41.53 3.88 -0.03	37.44 3.09 0.00	35.43 3.34 0.00

NYPA_GOWANUS____GT5 24156	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.22 4.14 0.00	52.57 4.74 0.01	70.76 5.52 -8.90	55.22 4.70 0.01	48.46 3.84 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NYPA_GOWANUS____GT6 24157	33.52 2.57 -0.01	31.19 2.42 -0.01	26.96 2.00 -0.01	26.02 1.93 -0.01	25.71 1.86 -0.01	27.10 1.89 0.00	30.94 2.32 0.00	33.20 2.74 -0.01	35.40 2.98 0.00	37.23 2.82 0.00	38.40 2.88 0.00	39.46 2.96 0.00	40.76 3.12 0.00	42.21 3.27 0.00	42.86 3.39 0.00	49.22 4.14 0.00	52.57 4.74 0.01	70.76 5.52 -8.90	55.22 4.70 0.01	48.46 3.84 0.01	44.61 3.46 0.00	40.63 3.01 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57
NYPA_HARLEM__RVR__GT1 24160	33.49 2.54 -0.01	31.16 2.39 -0.01	26.98 2.02 -0.01	26.04 1.95 -0.01	25.75 1.91 -0.01	27.15 1.94 0.00	30.93 2.29 -0.02	33.04 2.59 -0.01	35.20 2.79 0.01	37.09 2.69 0.01	38.22 2.70 0.01	39.24 2.74 0.01	40.49 2.86 0.01	41.89 2.96 0.01	42.54 3.08 0.01	48.81 3.74 0.00	52.29 4.45 0.01	61.45 5.13 0.01	54.97 4.45 0.01	48.19 3.57 0.01	44.24 3.09 0.00	40.40 2.78 0.00	37.16 2.82 0.00	34.70 2.60 -0.01
NYPA_HARLEM__RVR__GT2 24161	33.49 2.54 -0.01	31.16 2.39 -0.01	26.98 2.02 -0.01	26.04 1.95 -0.01	25.75 1.91 -0.01	27.15 1.94 0.00	30.93 2.29 -0.02	33.04 2.59 -0.01	35.20 2.79 0.01	37.09 2.69 0.01	38.22 2.70 0.01	39.24 2.74 0.01	40.49 2.86 0.01	41.89 2.96 0.01	42.54 3.08 0.01	48.81 3.74 0.00	52.29 4.45 0.01	61.45 5.13 0.01	54.97 4.45 0.01	48.19 3.57 0.01	44.24 3.09 0.00	40.40 2.78 0.00	37.16 2.82 0.00	34.70 2.60 -0.01
NYPA_KENT____GT 24152	33.46 2.51 -0.01	31.14 2.36 -0.01	26.91 1.95 -0.01	25.97 1.88 -0.01	25.68 1.84 -0.01	27.08 1.87 0.00	30.92 2.29 0.00	33.16 2.71 -0.01	35.36 2.95 0.00	37.23 2.82 0.00	38.37 2.84 0.00	39.39 2.88 0.00	40.68 3.05 0.00	42.14 3.19 0.00	42.78 3.32 0.00	49.08 4.01 0.00	52.43 4.59 0.01	61.62 5.29 0.01	55.07 4.55 0.01	48.32 3.70 0.01	44.49 3.33 0.00	40.55 2.94 0.00	37.27 2.92 -0.01	35.86 2.76 -1.01
NYPA_POUCH1____GT 24155	33.46 2.51 -0.01	31.14 2.36 -0.01	26.91 1.95 -0.01	25.97 1.88 -0.01	25.68 1.84 -0.01	27.05 1.84 0.00	30.86 2.23 0.00	33.10 2.65 -0.01	35.30 2.88 0.00	37.10 2.69 0.00	38.26 2.74 0.00	39.28 2.77 0.00	40.61 2.97 0.00	42.06 3.12 0.00	42.71 3.24 0.00	49.08 4.01 0.00	52.43 4.59 0.01	70.59 5.35 -8.90	55.12 4.60 0.01	48.37 3.75 0.01	44.49 3.33 0.00	40.51 2.90 0.00	37.31 2.95 -0.01	36.33 2.66 -1.57
NYPA_VERNON____GT2 24162	33.40 2.44 -0.01	31.08 2.30 -0.01	26.86 1.90 -0.01	25.94 1.85 -0.01	25.66 1.81 -0.01	27.05 1.84 0.00	30.89 2.26 0.00	33.13 2.68 -0.01	35.33 2.92 0.00	37.23 2.82 0.00	38.37 2.84 0.00	39.39 2.88 0.00	40.65 3.01 0.00	42.10 3.15 0.00	42.74 3.27 0.00	48.99 3.92 0.00	52.29 4.45 0.01	61.51 5.18 0.01	54.92 4.39 0.01	48.19 3.57 0.01	44.37 3.21 0.00	40.51 2.90 0.00	37.20 2.85 0.00	35.27 2.73 -0.45
NYPA_VERNON____GT3 24163	33.40 2.44 -0.01	31.08 2.30 -0.01	26.86 1.90 -0.01	25.94 1.85 -0.01	25.66 1.81 -0.01	27.05 1.84 0.00	30.89 2.26 0.00	33.13 2.68 -0.01	35.33 2.92 0.00	37.23 2.82 0.00	38.37 2.84 0.00	39.39 2.88 0.00	40.65 3.01 0.00	42.10 3.15 0.00	42.74 3.27 0.00	48.99 3.92 0.00	52.29 4.45 0.01	61.51 5.18 0.01	54.92 4.39 0.01	48.19 3.57 0.01	44.37 3.21 0.00	40.51 2.90 0.00	37.20 2.85 0.00	35.27 2.73 -0.45
NYPA__ASTORIA_CC1 323568	33.34 2.38 -0.01	31.02 2.25 -0.01	26.81 1.85 -0.01	25.90 1.81 -0.01	25.61 1.76 -0.01	27.00 1.79 0.00	30.83 2.20 0.00	33.04 2.59 -0.01	35.27 2.85 0.00	37.17 2.75 0.00	38.30 2.77 0.00	39.32 2.81 0.00	40.57 2.94 0.00	41.98 3.04 0.00	42.63 3.16 0.00	48.86 3.79 0.00	52.14 4.31 0.01	61.34 5.01 0.01	54.77 4.25 0.01	48.10 3.48 0.01	44.28 3.13 0.00	40.44 2.82 0.00	37.13 2.78 0.00	34.95 2.63 -0.22
NYPA__ASTORIA_CC2 323569	33.34 2.38 -0.01	31.02 2.25 -0.01	26.81 1.85 -0.01	25.90 1.81 -0.01	25.61 1.76 -0.01	27.00 1.79 0.00	30.83 2.20 0.00	33.04 2.59 -0.01	35.27 2.85 0.00	37.17 2.75 0.00	38.30 2.77 0.00	39.32 2.81 0.00	40.57 2.94 0.00	41.98 3.04 0.00	42.63 3.16 0.00	48.86 3.79 0.00	52.14 4.31 0.01	61.34 5.01 0.01	54.77 4.25 0.01	48.10 3.48 0.01	44.28 3.13 0.00	40.44 2.82 0.00	37.13 2.78 0.00	34.95 2.63 -0.22
NYPA__HOLTSVILL 23794	36.78 2.72 -3.11	35.69 2.59 -4.33	32.82 2.22 -5.65	30.00 2.17 -3.75	28.89 2.15 -2.90	30.23 2.27 -2.75	31.29 2.66 0.00	34.82 2.86 -1.51	36.12 3.14 -0.56	37.13 2.72 0.00	38.05 2.52 0.00	39.43 2.92 0.00	40.61 2.97 0.00	42.53 3.58 0.00	49.02 3.63 -5.92	49.46 4.37 -0.01	56.88 5.22 -3.82	68.24 5.97 -5.94	59.65 5.16 -3.96	48.60 3.97 0.00	44.61 3.46 0.00	41.04 3.42 0.00	37.13 2.78 0.00	35.11 3.02 0.00
NYPA____HELLGATE_GT1 24158	33.49 2.54 -0.01	31.16 2.39 -0.01	26.98 2.02 -0.01	26.04 1.95 -0.01	25.75 1.91 -0.01	27.15 1.94 0.00	30.92 2.29 0.00	33.04 2.59 -0.01	35.20 2.79 0.01	37.09 2.69 0.01	38.22 2.70 0.01	39.24 2.74 0.01	40.48 2.86 0.01	41.89 2.96 0.01	42.54 3.08 0.01	48.81 3.74 0.00	52.29 4.45 0.01	61.45 5.13 0.01	54.97 4.45 0.01	48.19 3.57 0.01	44.24 3.09 0.00	40.40 2.78 0.00	37.16 2.82 0.00	34.70 2.60 -0.01
NYPA____HELLGATE_GT2 24159	33.49 2.54 -0.01	31.16 2.39 -0.01	26.98 2.02 -0.01	26.04 1.95 -0.01	25.75 1.91 -0.01	27.15 1.94 0.00	30.92 2.29 0.00	33.04 2.59 -0.01	35.20 2.79 0.01	37.09 2.69 0.01	38.22 2.70 0.01	39.24 2.74 0.01	40.48 2.86 0.01	41.89 2.96 0.01	42.54 3.08 0.01	48.81 3.74 0.00	52.29 4.45 0.01	61.45 5.13 0.01	54.97 4.45 0.01	48.19 3.57 0.01	44.24 3.09 0.00	40.40 2.78 0.00	37.16 2.82 0.00	34.70 2.60 -0.01
NYS_BARGE__HYD 23848	30.29 -0.65 0.00	27.85 -0.92 0.00	24.28 -0.67 0.00	23.38 -0.70 0.00	23.12 -0.71 0.00	24.78 -0.43 0.00	27.62 -1.00 0.00	29.32 -1.13 0.00	30.77 -1.65 0.00	33.59 -0.83 0.00	35.28 -0.25 0.00	37.06 0.55 0.00	38.13 0.49 0.00	39.77 0.82 -0.01	39.80 0.31 -0.02	44.27 -0.81 -0.01	47.71 -0.14 -0.01	55.89 -0.45 -0.01	50.53 0.00 0.00	44.36 -0.27 0.00	40.87 -0.29 0.00	37.92 0.30 0.00	33.90 -0.45 0.00	31.42 -0.68 0.00
OAK_ORCHARD__HYD 24046	30.51 -0.43 0.00	28.13 -0.63 0.00	24.45 -0.50 0.00	23.60 -0.48 0.00	23.34 -0.50 0.00	24.91 -0.30 0.00	27.97 -0.66 0.00	29.81 -0.64 0.00	31.44 -0.97 0.00	34.07 -0.34 0.00	35.49 -0.04 0.00	37.06 0.55 0.00	38.12 0.49 0.00	39.72 0.78 0.00	40.06 0.59 0.01	45.16 0.09 0.00	48.09 0.24 0.00	56.50 0.17 0.00	50.93 0.40 0.00	44.76 0.13 0.00	41.32 0.17 0.00	37.99 0.38 0.00	34.17 -0.17 0.00	31.64 -0.45 0.00

OAKDALE___35_KV_LOAD 356122	31.07 0.12 0.00	28.80 0.03 0.00	24.98 0.02 0.00	24.08 0.00 0.00	23.84 0.00 0.00	25.36 0.15 0.00	28.65 0.03 0.00	30.48 0.03 0.00	32.38 -0.03 0.00	34.69 0.28 0.00	35.95 0.43 0.00	37.20 0.69 0.00	38.50 0.87 0.00	39.96 1.01 0.00	40.26 0.79 -0.01	45.75 0.68 0.00	48.90 1.05 0.00	57.69 1.35 0.00	51.79 1.26 0.00	45.65 1.03 0.00	41.98 0.82 0.00	38.44 0.83 0.00	34.89 0.55 0.00	32.38 0.29 0.00
OCC_CHEM___DRP 24175	29.07 -1.86 0.02	26.76 -1.98 0.02	23.39 -1.55 0.02	22.47 -1.59 0.02	22.25 -1.57 0.02	23.83 -1.36 0.02	26.54 -2.06 0.02	27.93 -2.50 0.02	29.54 -2.85 0.02	32.22 -2.17 0.02	33.69 -1.81 0.02	34.99 -1.50 0.02	36.48 -1.13 0.02	38.14 -0.78 0.03	38.08 -1.34 0.05	42.47 -2.57 0.04	45.67 -2.15 0.03	53.77 -2.54 0.03	48.33 -2.17 0.02	42.55 -2.05 0.02	39.20 -1.93 0.02	36.35 -1.24 0.02	32.64 -1.68 0.02	30.34 -1.73 0.02
OH_GEN_PROXY 24063	29.13 -1.14 0.67	27.24 -1.32 0.20	23.95 -1.00 0.00	23.07 -1.01 0.00	22.81 -1.02 0.00	24.43 -0.78 0.00	26.06 -1.40 1.16	28.86 -1.58 0.00	30.27 -2.14 0.00	33.03 -1.38 0.00	34.60 -0.92 0.00	36.32 -0.18 0.00	37.33 -0.30 0.00	38.90 -0.04 0.00	38.97 -0.47 0.03	43.44 -1.62 0.01	46.79 -1.05 0.00	54.87 -1.47 0.00	49.52 -1.01 0.00	43.55 -1.07 0.00	40.13 -1.03 0.00	37.20 -0.41 0.00	33.35 -1.00 0.00	30.94 -1.15 0.00
OLIN_CORP_DRP 24177	29.68 -1.27 0.00	27.33 -1.44 0.00	23.85 -1.10 0.00	22.92 -1.16 0.00	22.69 -1.14 0.00	24.30 -0.91 0.00	27.08 -1.55 0.00	28.47 -1.98 0.00	30.05 -2.37 0.00	32.80 -1.62 0.00	34.25 -1.28 0.00	35.56 -0.95 0.00	37.07 -0.56 0.00	38.71 -0.23 0.00	38.65 -0.83 -0.01	43.10 -1.98 -0.01	46.36 -1.48 0.00	54.59 -1.75 0.00	49.12 -1.41 0.00	43.29 -1.34 0.00	39.88 -1.28 0.00	37.05 -0.56 0.00	33.28 -1.06 0.00	31.03 -1.06 0.00
OLIN_CORP_DSASP 323712	29.19 -1.73 0.02	26.85 -1.90 0.02	23.46 -1.47 0.02	22.59 -1.47 0.02	22.34 -1.48 0.02	23.93 -1.26 0.02	26.60 -2.00 0.02	28.26 -2.16 0.02	29.67 -2.72 0.02	32.39 -2.00 0.02	34.04 -1.46 0.02	35.71 -0.77 0.02	36.78 -0.83 0.02	38.33 -0.58 0.03	38.39 -1.03 0.05	42.69 -2.35 0.04	46.05 -1.77 0.03	53.94 -2.36 0.03	48.74 -1.77 0.02	42.77 -1.83 0.02	39.36 -1.77 0.02	36.50 -1.09 0.02	32.64 -1.68 0.02	30.25 -1.83 0.02
ONEIDA_HERK_LFGE 323681	31.35 0.40 0.00	29.08 0.32 0.00	25.20 0.25 0.00	24.30 0.22 0.00	24.05 0.21 0.00	25.49 0.28 0.00	29.00 0.37 0.00	30.90 0.46 0.00	32.81 0.39 0.00	34.89 0.48 0.00	36.06 0.53 0.00	37.28 0.77 0.00	38.39 0.75 0.00	39.60 0.66 0.00	40.10 0.63 0.00	45.89 0.81 0.00	48.80 0.96 0.00	57.63 1.30 0.00	51.79 1.26 0.00	45.83 1.21 0.00	42.22 1.07 0.00	38.59 0.98 0.00	35.03 0.69 0.00	32.51 0.42 0.00
ONEIDA___115KV_TB4 55905	31.72 0.77 0.00	29.37 0.60 0.00	25.45 0.50 0.00	24.54 0.46 0.00	24.32 0.48 0.00	25.77 0.55 0.00	29.26 0.63 0.00	31.18 0.73 0.00	33.10 0.68 0.00	35.27 0.86 0.00	36.45 0.92 0.00	37.71 1.20 0.00	38.99 1.35 0.00	40.31 1.36 0.00	40.73 1.26 0.00	46.52 1.44 0.00	49.66 1.82 0.00	58.64 2.31 0.00	52.65 2.12 0.00	46.50 1.87 0.00	42.84 1.69 0.00	39.08 1.47 0.00	35.48 1.13 0.00	32.90 0.80 0.00
ONONDAGA_REF_OCCRA 23987	30.30 -0.65 0.00	28.08 -0.69 0.00	24.38 -0.57 0.00	23.53 -0.55 0.00	23.29 -0.55 0.00	24.71 -0.50 0.00	27.94 -0.69 0.00	29.72 -0.73 0.00	31.60 -0.81 0.00	33.83 -0.58 0.00	34.99 -0.53 0.00	36.14 -0.37 0.00	37.37 -0.26 0.00	38.83 -0.12 0.00	39.23 -0.24 0.00	44.58 -0.50 0.00	47.56 -0.29 0.00	56.05 -0.28 0.00	50.28 -0.25 0.00	44.27 -0.36 0.00	40.78 -0.37 0.00	37.28 -0.34 0.00	33.90 -0.45 0.00	31.52 -0.58 0.00
ONONDAGA___COGEN 23986	30.48 -0.46 0.00	28.25 -0.52 0.00	24.53 -0.42 0.00	23.67 -0.41 0.00	23.43 -0.41 0.00	24.83 -0.38 0.00	28.11 -0.52 0.00	29.90 -0.55 0.00	31.73 -0.68 0.00	33.96 -0.45 0.00	35.13 -0.39 0.00	36.33 -0.18 0.00	37.56 -0.08 0.00	38.98 0.04 0.00	39.39 -0.08 0.00	44.76 -0.32 0.00	47.70 -0.14 0.00	56.22 -0.11 0.00	50.48 -0.05 0.00	44.45 -0.18 0.00	40.95 -0.21 0.00	37.43 -0.19 0.00	34.04 -0.31 0.00	31.64 -0.45 0.00
ONTARIO___LFGE 23819	31.07 0.12 0.00	28.77 0.00 0.00	24.93 -0.02 0.00	24.06 -0.02 0.00	23.82 -0.02 0.00	25.44 0.23 0.00	28.68 0.06 0.00	30.54 0.09 0.00	32.97 0.55 0.00	35.48 1.07 0.00	36.91 1.38 0.00	38.40 1.90 0.00	39.74 2.11 0.00	41.32 2.38 0.00	41.53 2.05 -0.01	46.83 1.76 0.00	49.23 1.39 0.00	58.08 1.75 0.00	52.35 1.82 0.00	46.05 1.43 0.00	42.39 1.23 0.00	38.78 1.17 0.00	34.96 0.62 0.00	32.29 0.19 0.00
ORANGEVILLE_WT_PWR 323706	30.88 -0.06 0.00	28.42 -0.34 0.00	24.75 -0.20 0.00	23.82 -0.26 0.00	23.55 -0.29 0.00	25.26 0.05 0.00	28.23 -0.40 0.00	30.05 -0.40 0.00	31.67 -0.74 0.00	34.41 0.00 0.00	36.09 0.57 0.00	37.79 1.28 0.00	38.95 1.32 0.00	40.54 1.60 0.00	40.67 1.15 -0.05	45.23 0.14 -0.03	48.86 1.01 0.00	57.35 1.02 0.00	51.74 1.21 0.00	45.52 0.89 0.00	41.85 0.70 0.00	38.71 1.09 0.00	34.65 0.31 0.00	32.06 -0.03 0.00
ORANGEVILLE___ESR 323794	30.88 -0.06 0.00	28.42 -0.34 0.00	24.75 -0.20 0.00	23.82 -0.26 0.00	23.55 -0.29 0.00	25.26 0.05 0.00	28.23 -0.40 0.00	30.05 -0.40 0.00	31.67 -0.74 0.00	34.41 0.00 0.00	36.09 0.57 0.00	37.79 1.28 0.00	38.95 1.32 0.00	40.54 1.60 0.00	40.67 1.15 -0.05	45.23 0.14 -0.03	48.86 1.01 0.00	57.35 1.02 0.00	51.74 1.21 0.00	45.52 0.89 0.00	41.85 0.70 0.00	38.71 1.09 0.00	34.65 0.31 0.00	32.06 -0.03 0.00
OSWEGATCHIE___HYD 24044	29.95 -0.99 0.00	27.82 -0.95 0.00	24.08 -0.87 0.00	23.24 -0.84 0.00	23.05 -0.79 0.00	24.35 -0.86 0.00	27.79 -0.83 0.00	29.63 -0.82 0.00	31.44 -0.97 0.00	33.38 -1.03 0.00	34.39 -1.14 0.00	35.38 -1.13 0.00	36.39 -1.24 0.00	37.50 -1.44 0.00	37.97 -1.50 0.00	43.41 -1.67 0.00	45.50 -2.34 0.00	53.68 -2.65 0.01	48.25 -2.27 0.00	43.02 -1.60 0.00	39.84 -1.32 0.00	36.68 -0.94 0.00	33.38 -0.96 0.00	30.97 -1.12 0.00
OSWEGO___5 23606	29.83 -1.11 0.00	27.65 -1.12 0.00	24.03 -0.92 0.00	23.19 -0.89 0.00	22.98 -0.86 0.00	24.33 -0.88 0.00	27.51 -1.12 0.00	29.29 -1.16 0.00	31.08 -1.33 0.00	33.24 -1.17 0.00	34.39 -1.14 0.00	35.60 -0.91 0.00	36.69 -0.94 0.00	38.01 -0.93 0.00	38.44 -1.03 0.00	43.72 -1.35 0.00	46.56 -1.29 0.00	54.82 -1.52 0.00	49.27 -1.26 0.00	43.42 -1.20 0.00	40.00 -1.15 0.00	36.56 -1.05 0.00	33.28 -1.06 0.00	30.94 -1.15 0.00
OSWEGO___6 23613	29.83 -1.11 0.00	27.65 -1.12 0.00	24.03 -0.92 0.00	23.19 -0.89 0.00	22.98 -0.86 0.00	24.33 -0.88 0.00	27.51 -1.12 0.00	29.29 -1.16 0.00	31.08 -1.33 0.00	33.24 -1.17 0.00	34.39 -1.14 0.00	35.60 -0.91 0.00	36.69 -0.94 0.00	38.01 -0.93 0.00	38.44 -1.03 0.00	43.72 -1.35 0.00	46.56 -1.29 0.00	54.82 -1.52 0.00	49.27 -1.26 0.00	43.42 -1.20 0.00	40.00 -1.15 0.00	36.56 -1.05 0.00	33.28 -1.06 0.00	30.94 -1.15 0.00

OUTOKUMPU-AB___DRP 24206	30.30 -0.65 0.00	27.88 -0.89 0.00	24.28 -0.67 0.00	23.33 -0.75 0.00	23.10 -0.74 0.00	24.76 -0.45 0.00	27.60 -1.03 0.00	29.15 -1.31 -0.02	30.88 -1.56 -0.02	33.67 -0.76 -0.02	35.26 -0.28 -0.02	36.60 0.07 -0.02	38.21 0.56 -0.02	39.97 1.01 -0.02	39.89 0.36 -0.06	44.48 -0.63 -0.04	47.77 -0.10 -0.02	56.24 -0.11 -0.02	50.60 0.05 -0.02	44.51 -0.13 -0.02	40.92 -0.25 -0.02	37.97 0.34 -0.02	34.05 -0.31 -0.02	31.68 -0.42 0.00
OXBOW___BTM 323836	29.82 -1.11 0.01	27.41 -1.35 0.01	23.92 -1.02 0.01	23.04 -1.03 0.01	22.78 -1.05 0.01	24.39 -0.81 0.01	27.16 -1.46 0.01	28.91 -1.55 -0.02	30.39 -2.04 -0.02	33.16 -1.27 -0.02	34.87 -0.68 -0.02	36.60 0.07 -0.02	37.69 0.04 -0.02	39.35 0.39 -0.02	39.44 -0.08 -0.05	43.75 -1.35 -0.03	47.19 -0.67 -0.02	55.28 -1.07 -0.02	49.94 -0.60 -0.02	43.84 -0.80 -0.02	40.30 -0.87 -0.02	37.37 -0.26 -0.02	33.40 -0.96 -0.02	30.90 -1.19 0.01
OXBOW___ 24026	29.70 -1.24 0.01	27.32 -1.44 0.01	23.82 -1.12 0.01	22.91 -1.16 0.01	22.68 -1.14 0.01	24.29 -0.91 0.01	27.07 -1.55 0.01	28.57 -1.89 -0.02	30.23 -2.20 -0.02	32.98 -1.45 -0.02	34.51 -1.03 -0.02	35.83 -0.69 -0.02	37.42 -0.23 -0.02	39.16 0.19 -0.02	39.08 -0.43 -0.05	43.57 -1.53 -0.03	46.81 -1.05 -0.02	55.11 -1.24 -0.02	49.54 -1.01 -0.02	43.62 -1.03 -0.02	40.14 -1.03 -0.02	37.22 -0.41 -0.02	33.40 -0.96 -0.02	31.02 -1.06 0.01
OXY_CHEM_DSASP 323612	29.07 -1.86 0.02	26.76 -1.98 0.02	23.39 -1.55 0.02	22.47 -1.59 0.02	22.25 -1.57 0.02	23.83 -1.36 0.02	26.54 -2.06 0.02	27.93 -2.50 0.02	29.54 -2.85 0.02	32.22 -2.17 0.02	33.69 -1.81 0.02	34.99 -1.50 0.02	36.48 -1.13 0.02	38.14 -0.78 0.03	38.08 -1.34 0.05	42.47 -2.57 0.04	45.67 -2.15 0.03	53.77 -2.54 0.03	48.33 -2.17 0.02	42.55 -2.05 0.02	39.20 -1.93 0.02	36.35 -1.24 0.02	32.64 -1.68 0.02	30.34 -1.73 0.02
OZONE_PARK_ESR 323760	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.01 1.93 0.00	25.70 1.86 0.00	27.18 1.97 0.00	31.00 2.38 0.00	33.28 2.83 0.00	35.53 3.11 0.00	37.51 3.10 0.00	38.72 3.20 0.00	39.98 3.47 0.00	41.17 3.54 0.00	42.60 3.66 0.00	43.30 3.83 0.00	49.76 4.69 0.00	53.11 5.26 0.00	62.42 6.08 0.00	55.84 5.31 0.00	49.00 4.37 0.00	45.02 3.87 0.00	41.12 3.50 0.00	37.47 3.13 0.00	35.17 3.08 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.07 -1.86 0.02	26.76 -1.98 0.02	23.39 -1.55 0.02	22.47 -1.59 0.02	22.25 -1.57 0.02	23.83 -1.36 0.02	26.54 -2.06 0.02	27.93 -2.50 0.02	29.54 -2.85 0.02	32.22 -2.17 0.02	33.69 -1.81 0.02	34.99 -1.50 0.02	36.48 -1.13 0.02	38.14 -0.78 0.03	38.08 -1.34 0.05	42.47 -2.57 0.04	45.67 -2.15 0.03	53.77 -2.54 0.03	48.33 -2.17 0.02	42.55 -2.05 0.02	39.20 -1.93 0.02	36.35 -1.24 0.02	32.64 -1.68 0.02	30.34 -1.73 0.02
PACKARD__115KV_DUPONT_184 80571	29.07 -1.86 0.02	26.76 -1.98 0.02	23.39 -1.55 0.02	22.47 -1.59 0.02	22.25 -1.57 0.02	23.83 -1.36 0.02	26.54 -2.06 0.02	27.93 -2.50 0.02	29.54 -2.85 0.02	32.22 -2.17 0.02	33.69 -1.81 0.02	34.99 -1.50 0.02	36.48 -1.13 0.02	38.14 -0.78 0.03	38.08 -1.34 0.05	42.47 -2.57 0.04	45.67 -2.15 0.03	53.77 -2.54 0.03	48.33 -2.17 0.02	42.55 -2.05 0.02	39.20 -1.93 0.02	36.35 -1.24 0.02	32.64 -1.68 0.02	30.34 -1.73 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.42 2.48 0.00	31.10 2.33 0.00	26.87 1.92 0.00	25.98 1.90 0.00	25.67 1.84 0.00	27.05 1.84 0.00	30.83 2.20 0.00	33.00 2.56 0.00	35.14 2.72 0.00	37.03 2.62 0.00	38.23 2.70 0.00	39.39 2.88 0.00	40.57 2.94 0.00	41.82 2.88 0.00	42.47 3.00 0.00	48.72 3.65 0.00	52.15 4.31 0.00	61.35 5.01 0.00	54.98 4.45 0.00	48.11 3.48 0.00	44.16 3.00 0.00	40.36 2.75 0.00	37.09 2.75 0.00	34.64 2.54 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.82 2.88 0.00	31.47 2.70 0.00	27.20 2.25 0.00	26.27 2.19 0.00	25.96 2.12 0.00	27.38 2.17 0.00	31.17 2.55 0.00	33.37 2.92 0.00	35.49 3.08 0.00	37.41 2.99 0.00	38.62 3.09 0.00	39.83 3.32 0.00	40.98 3.35 0.00	42.29 3.35 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.73 4.88 0.00	62.02 5.69 0.00	55.63 5.10 0.00	48.73 4.11 0.00	44.69 3.54 0.00	40.85 3.24 0.00	37.54 3.19 0.00	35.05 2.95 -0.01
PATROON__115KV_TB1 80586	31.81 0.87 0.00	29.63 0.86 0.00	25.70 0.75 0.00	24.78 0.70 0.00	24.53 0.69 0.00	25.92 0.71 0.00	29.46 0.83 0.00	31.21 0.76 0.00	33.26 0.84 0.00	35.24 0.83 0.00	36.34 0.82 0.00	37.42 0.91 0.00	38.57 0.94 0.00	39.76 0.82 0.00	40.42 0.95 0.00	46.20 1.13 0.00	49.18 1.34 0.00	58.14 1.80 0.00	52.10 1.57 0.00	45.96 1.34 0.00	42.39 1.23 0.00	38.59 0.98 0.00	35.13 0.79 0.00	32.96 0.87 0.00
PATTRSNVILLE___SOLAR 323815	32.25 1.30 0.00	30.00 1.24 0.00	26.00 1.05 0.00	25.07 0.99 0.00	24.82 0.98 0.00	26.27 1.06 0.00	29.86 1.23 0.00	31.63 1.19 0.00	33.65 1.23 0.00	35.65 1.24 0.00	36.73 1.21 0.00	37.86 1.35 0.00	39.03 1.39 0.00	40.30 1.36 0.00	40.93 1.46 0.00	46.83 1.76 0.00	49.85 2.01 0.00	59.09 2.76 0.00	53.06 2.53 0.00	46.90 2.27 0.00	43.25 2.10 0.00	39.42 1.81 0.00	35.82 1.48 0.00	33.50 1.41 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.76 -0.19 0.00	28.31 -0.46 0.00	24.63 -0.32 0.00	23.67 -0.41 0.00	23.43 -0.41 0.00	25.14 -0.08 0.00	28.08 -0.54 0.00	29.75 -0.70 0.00	31.51 -0.91 0.00	34.35 -0.07 0.00	35.99 0.46 0.00	37.39 0.88 0.00	39.03 1.39 0.00	40.70 1.75 -0.01	40.25 0.71 -0.07	45.19 0.09 -0.03	48.71 0.86 -0.01	57.52 1.18 -0.01	51.80 1.26 0.00	45.57 0.94 0.00	41.86 0.70 0.00	38.75 1.13 0.00	34.79 0.45 0.00	32.29 0.19 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.27 2.32 0.00	30.95 2.19 0.00	26.75 1.80 0.00	25.79 1.71 0.00	25.48 1.64 0.00	26.95 1.74 0.00	30.69 2.06 0.00	32.76 2.31 0.00	35.01 2.59 0.00	36.96 2.55 0.00	38.23 2.70 0.00	39.46 2.96 0.00	40.68 3.05 0.00	42.14 3.19 0.00	42.90 3.43 0.00	49.18 4.10 0.00	52.73 4.88 0.00	62.02 5.69 0.00	55.58 5.05 0.00	48.78 4.15 0.00	44.65 3.50 0.00	40.51 2.90 0.00	36.95 2.61 0.00	34.66 2.57 0.00
PEEKSKILL___ 23653	32.87 1.92 0.00	30.58 1.81 0.00	26.47 1.52 0.00	25.55 1.47 0.00	25.27 1.43 0.00	26.72 1.51 0.00	30.43 1.80 0.00	32.49 2.04 0.00	34.72 2.30 0.00	36.62 2.20 0.00	37.80 2.28 0.00	38.95 2.45 0.00	40.16 2.52 0.00	41.63 2.68 0.00	42.35 2.88 0.00	48.59 3.52 0.00	51.91 4.06 0.00	61.07 4.73 0.00	54.57 4.04 0.00	47.97 3.35 0.00	44.03 2.88 0.00	40.21 2.59 0.00	36.65 2.30 0.00	34.37 2.28 0.00
PGE MADISON___WINDPWR 24146	34.78 3.84 0.00	32.02 3.25 0.00	27.62 2.67 0.00	26.51 2.43 0.00	26.29 2.46 0.00	27.96 2.75 0.00	31.92 3.29 0.00	34.01 3.56 0.00	35.66 3.24 0.00	38.10 3.68 0.00	39.43 3.91 0.00	41.25 4.74 0.00	42.49 4.86 0.00	43.73 4.79 0.00	42.95 3.47 0.00	49.00 3.92 0.00	52.58 4.74 0.00	62.25 5.91 0.00	56.14 5.61 0.00	49.62 5.00 0.00	45.68 4.53 0.00	41.60 3.99 0.00	37.47 3.12 0.00	34.41 2.31 0.00

PIERCEFIELD___HYD 23852	29.68 -1.27 0.00	27.65 -1.12 0.00	23.93 -1.02 0.00	23.09 -0.99 0.00	22.91 -0.93 0.00	24.15 -1.06 0.00	27.62 -1.00 0.00	29.44 -1.00 0.00	31.28 -1.13 0.00	33.14 -1.27 0.00	34.18 -1.35 0.00	34.94 -1.57 0.00	35.90 -1.73 0.00	37.07 -1.87 0.00	37.57 -1.89 0.00	42.91 -2.16 0.00	44.26 -3.59 0.00	52.10 -4.23 0.01	46.73 -3.79 0.01	41.77 -2.86 0.00	38.81 -2.35 0.00	36.00 -1.62 0.00	32.87 -1.48 0.00	30.65 -1.44 0.00
PINELAWN_CC_1 323563	36.87 2.82 -3.11	35.75 2.64 -4.33	32.85 2.25 -5.65	30.00 2.17 -3.75	28.86 2.12 -2.90	29.98 2.02 -2.75	30.92 2.29 0.00	34.54 2.59 -1.51	35.83 2.85 -0.56	36.89 2.48 0.00	37.91 2.38 0.00	39.25 2.74 0.00	40.38 2.75 0.00	42.30 3.35 0.00	48.86 3.47 -5.92	49.28 4.19 -0.01	56.88 4.93 -4.11	67.96 5.69 -5.94	59.39 4.90 -3.96	48.60 3.97 0.00	44.49 3.33 0.00	40.93 3.31 0.00	37.03 2.68 0.00	35.27 3.18 0.00
PJM_GEN_HTP_PROXY 323702	33.14 2.20 0.00	30.84 2.07 0.00	26.65 1.70 0.00	25.72 1.64 0.00	25.46 1.62 0.00	26.90 1.69 0.00	30.69 2.06 0.00	32.88 2.44 0.00	35.10 2.69 0.00	37.06 2.65 0.00	38.22 2.70 0.00	39.36 2.85 0.00	40.61 2.97 0.00	42.10 3.15 0.00	42.78 3.32 0.00	49.13 4.06 0.00	52.44 4.59 0.00	61.63 5.29 0.00	55.08 4.55 0.00	48.33 3.70 0.00	44.45 3.29 0.00	40.59 2.97 0.00	37.03 2.68 0.00	34.69 2.60 0.00
PJM_GEN_KEystone 24065	31.53 0.59 0.00	29.20 0.43 0.00	25.38 0.42 0.00	24.44 0.36 0.00	24.20 0.36 0.00	25.74 0.53 0.00	29.06 0.43 0.00	31.02 0.58 0.00	32.93 0.52 0.00	35.20 0.79 0.00	36.59 1.06 0.00	37.93 1.42 0.00	39.14 1.51 0.00	40.56 1.67 0.05	40.95 1.54 0.06	46.15 1.44 0.36	49.35 2.10 0.60	58.70 2.37 0.00	52.06 2.17 0.65	45.97 1.70 0.36	42.55 1.40 0.00	39.08 1.47 0.00	35.41 1.07 0.00	32.96 0.87 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.97 2.35 -1.67	33.34 2.25 -2.33	29.86 1.87 -3.04	27.90 1.81 -2.02	27.16 1.76 -1.56	28.55 1.87 -1.48	30.83 2.20 0.00	33.78 2.53 -0.81	35.50 2.79 -0.30	36.89 2.48 0.00	37.97 2.45 0.00	39.28 2.77 0.00	40.42 2.78 0.00	42.29 3.35 0.00	48.90 3.51 -5.92	49.32 4.24 -0.01	56.22 4.83 -3.54	67.90 5.63 -5.94	59.34 4.85 -3.96	48.38 3.75 0.00	44.28 3.13 0.00	40.66 3.05 0.00	36.92 2.58 0.00	34.79 2.70 0.00
PJM_GEN_VFT_PROXY 323633	33.02 2.07 0.00	30.72 1.96 0.00	26.55 1.60 0.00	25.62 1.54 0.00	25.37 1.53 0.00	26.77 1.56 0.00	30.57 1.95 0.00	32.76 2.31 0.00	35.01 2.59 0.00	36.96 2.55 0.00	38.08 2.56 0.00	39.17 2.66 0.00	40.34 2.71 0.00	41.04 2.88 0.78	41.54 3.00 0.93	43.58 3.74 5.23	43.58 4.26 8.52	53.97 4.90 7.26	45.50 4.19 9.22	42.94 3.39 5.08	44.16 3.00 0.00	40.47 2.86 0.00	36.92 2.58 0.00	34.66 2.57 0.00
PLATSBURG_115KV_PMLD1 355749	31.78 0.84 0.00	29.63 0.86 0.00	25.65 0.70 0.00	24.78 0.70 0.00	24.60 0.76 0.00	25.94 0.73 0.00	29.69 1.06 0.00	31.66 1.22 0.00	33.71 1.30 0.00	35.68 1.27 0.00	36.88 1.35 0.00	37.68 1.17 0.00	38.80 1.17 0.00	40.31 1.36 0.00	40.81 1.34 0.00	46.43 1.35 0.00	46.98 -0.86 0.00	54.52 -1.80 0.01	48.75 -1.77 0.01	44.40 -0.22 0.00	42.10 0.95 0.00	38.52 0.90 0.00	35.00 0.65 0.00	32.64 0.55 0.00
PLEASANTVLY___LBMP 24000	32.65 1.70 0.00	30.38 1.61 0.00	26.30 1.35 0.00	25.40 1.32 0.00	25.13 1.29 0.00	26.57 1.36 0.00	30.23 1.60 0.00	32.27 1.83 0.00	34.43 2.01 0.00	36.34 1.93 0.00	37.48 1.95 0.00	38.66 2.15 0.00	39.82 2.18 0.00	41.16 2.22 0.00	41.84 2.37 0.00	47.96 2.88 0.00	51.19 3.35 0.00	60.22 3.89 0.00	53.92 3.39 0.00	47.39 2.77 0.00	43.58 2.43 0.00	39.76 2.14 0.00	36.27 1.92 0.00	34.05 1.96 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.99 2.04 0.00	30.70 1.93 0.00	26.55 1.60 0.00	25.65 1.57 0.00	25.36 1.53 0.00	26.80 1.59 0.00	30.54 1.92 0.00	32.67 2.22 0.00	34.88 2.46 0.00	36.82 2.41 0.00	38.01 2.49 0.00	39.21 2.70 0.00	40.42 2.78 0.00	41.82 2.88 0.00	42.55 3.08 0.00	48.81 3.74 0.00	52.10 4.26 0.00	61.29 4.96 0.00	54.83 4.30 0.00	48.15 3.53 0.00	44.24 3.09 0.00	40.36 2.75 0.00	36.75 2.40 0.00	34.50 2.41 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.99 2.04 0.00	30.70 1.93 0.00	26.55 1.60 0.00	25.65 1.57 0.00	25.36 1.53 0.00	26.80 1.59 0.00	30.54 1.92 0.00	32.67 2.22 0.00	34.88 2.46 0.00	36.82 2.41 0.00	38.01 2.49 0.00	39.21 2.70 0.00	40.42 2.78 0.00	41.82 2.88 0.00	42.55 3.08 0.00	48.81 3.74 0.00	52.10 4.26 0.00	61.29 4.96 0.00	54.83 4.30 0.00	48.15 3.53 0.00	44.24 3.09 0.00	40.36 2.75 0.00	36.75 2.40 0.00	34.50 2.41 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.86 1.92 0.00	30.55 1.78 0.00	26.47 1.52 0.00	25.55 1.47 0.00	25.27 1.43 0.00	26.67 1.46 0.00	30.37 1.75 0.00	32.36 1.92 0.00	34.55 2.14 0.00	36.48 2.06 0.00	37.62 2.10 0.00	38.81 2.30 0.00	39.97 2.33 0.00	41.36 2.41 0.00	42.11 2.64 0.00	48.27 3.20 0.00	51.53 3.68 0.00	60.62 4.28 0.00	54.42 3.89 0.00	47.79 3.17 0.00	43.91 2.76 0.00	39.99 2.37 0.00	36.51 2.16 0.00	34.24 2.15 0.00
POLETTI_____ 23519	33.17 2.23 0.00	30.84 2.07 0.00	26.65 1.70 0.00	25.74 1.66 0.00	25.44 1.60 0.00	26.87 1.66 0.00	30.69 2.06 0.00	32.91 2.47 0.00	35.14 2.72 0.00	37.10 2.68 0.00	38.26 2.74 0.00	39.50 2.99 0.00	40.64 3.01 0.00	42.06 3.12 0.00	42.74 3.28 0.00	49.09 4.01 0.00	52.39 4.55 0.00	61.57 5.24 0.00	55.08 4.55 0.00	48.29 3.66 0.00	44.41 3.25 0.00	40.55 2.93 0.00	36.99 2.64 0.00	34.76 2.66 0.00
POMONA___ESR 323819	32.77 1.83 0.00	30.49 1.73 0.00	26.45 1.50 0.00	25.50 1.42 0.00	25.25 1.41 0.00	26.67 1.46 0.00	30.34 1.72 0.00	32.37 1.92 0.00	34.59 2.17 0.00	36.51 2.10 0.00	37.69 2.17 0.00	38.81 2.30 0.00	40.08 2.44 0.00	41.55 2.61 0.00	42.23 2.76 0.00	48.50 3.42 0.00	51.77 3.92 0.00	60.90 4.56 0.00	54.47 3.94 0.00	47.84 3.21 0.00	43.95 2.80 0.00	40.10 2.48 0.00	36.58 2.23 0.00	34.28 2.18 0.00
PORT_JEFF_3 23555	36.84 2.79 -3.11	35.78 2.68 -4.33	32.87 2.27 -5.65	30.05 2.21 -3.75	28.93 2.19 -2.90	30.28 2.32 -2.75	31.35 2.72 0.00	34.88 2.92 -1.51	36.21 3.24 -0.56	37.23 2.82 0.00	38.09 2.56 0.00	39.39 2.88 0.00	40.58 2.94 0.00	42.53 3.58 0.00	48.90 3.51 -5.92	49.37 4.28 -0.01	56.79 5.12 -3.82	68.13 5.86 -5.94	59.54 5.05 -3.96	48.51 3.88 0.00	44.61 3.46 0.00	41.01 3.39 0.00	37.16 2.82 0.00	35.18 3.08 0.00
PORT_JEFF_4 23616	36.84 2.79 -3.11	35.78 2.68 -4.33	32.87 2.27 -5.65	30.05 2.21 -3.75	28.93 2.19 -2.90	30.28 2.32 -2.75	31.35 2.72 0.00	34.88 2.92 -1.51	36.21 3.24 -0.56	37.23 2.82 0.00	38.09 2.56 0.00	39.39 2.88 0.00	40.58 2.94 0.00	42.53 3.58 0.00	48.90 3.51 -5.92	49.37 4.28 -0.01	56.79 5.12 -3.82	68.13 5.86 -5.94	59.54 5.05 -3.96	48.51 3.88 0.00	44.61 3.46 0.00	41.01 3.39 0.00	37.16 2.82 0.00	35.18 3.08 0.00

PORT_JEFF_IC 23713	36.93 2.88 -3.11	35.80 2.70 -4.33	32.90 2.30 -5.65	30.10 2.26 -3.75	28.96 2.22 -2.90	30.30 2.34 -2.75	31.37 2.75 0.00	34.97 3.01 -1.51	36.28 3.31 -0.56	37.58 3.17 0.00	38.34 2.81 0.00	39.69 3.18 0.00	40.84 3.20 0.00	42.76 3.82 0.00	48.98 3.59 -5.92	49.41 4.33 -0.01	56.84 5.17 -3.83	68.24 5.97 -5.94	59.65 5.15 -3.96	48.55 3.93 0.00	44.82 3.66 0.00	40.78 3.16 0.00	36.92 2.58 0.00	34.98 2.89 0.00
PPL PILGRIM_ST_GT1 24216	37.09 3.03 -3.11	36.00 2.90 -4.33	33.05 2.45 -5.65	30.22 2.38 -3.75	29.10 2.36 -2.90	30.43 2.47 -2.75	31.52 2.89 0.00	35.18 3.23 -1.51	36.48 3.50 -0.56	37.47 3.06 0.00	38.43 2.88 -0.03	39.86 3.32 -0.03	41.02 3.35 -0.03	42.99 4.01 -0.03	49.33 3.95 -5.92	49.82 4.73 -0.01	57.29 5.55 -3.90	68.30 6.03 -5.94	59.70 5.21 -3.96	48.95 4.33 0.00	44.90 3.74 0.00	41.53 3.88 -0.03	37.44 3.09 0.00	35.43 3.34 0.00
PPL PILGRIM_ST_GT2 24217	37.09 3.03 -3.11	36.00 2.90 -4.33	33.05 2.45 -5.65	30.22 2.38 -3.75	29.10 2.36 -2.90	30.43 2.47 -2.75	31.52 2.89 0.00	35.18 3.23 -1.51	36.48 3.50 -0.56	37.47 3.06 0.00	38.43 2.88 -0.03	39.86 3.32 -0.03	41.02 3.35 -0.03	42.99 4.01 -0.03	49.33 3.95 -5.92	49.82 4.73 -0.01	57.29 5.55 -3.90	68.30 6.03 -5.94	59.70 5.21 -3.96	48.95 4.33 0.00	44.90 3.74 0.00	41.53 3.88 -0.03	37.44 3.09 0.00	35.43 3.34 0.00
PPL_SHRM_GT3 24213	36.72 2.66 -3.11	35.66 2.56 -4.33	32.82 2.22 -5.65	30.07 2.24 -3.75	28.93 2.19 -2.90	30.28 2.32 -2.75	31.35 2.72 0.00	34.70 2.74 -1.51	36.02 3.05 -0.56	37.06 2.65 0.00	38.05 2.52 0.00	39.47 2.96 0.00	40.69 3.05 0.00	42.65 3.70 0.00	49.18 3.79 -5.92	49.64 4.55 -0.01	57.17 5.50 -3.83	68.63 6.36 -5.94	60.00 5.51 -3.96	48.82 4.19 0.00	44.82 3.66 0.00	41.20 3.58 0.00	37.13 2.78 0.00	35.11 3.02 0.00
PPL_SHRM_GT4 24214	36.72 2.66 -3.11	35.66 2.56 -4.33	32.82 2.22 -5.65	30.07 2.24 -3.75	28.93 2.19 -2.90	30.28 2.32 -2.75	31.35 2.72 0.00	34.70 2.74 -1.51	36.02 3.05 -0.56	37.06 2.65 0.00	38.05 2.52 0.00	39.47 2.96 0.00	40.69 3.05 0.00	42.65 3.70 0.00	49.18 3.79 -5.92	49.64 4.55 -0.01	57.17 5.50 -3.83	68.63 6.36 -5.94	60.00 5.51 -3.96	48.82 4.19 0.00	44.82 3.66 0.00	41.20 3.58 0.00	37.13 2.78 0.00	35.11 3.02 0.00
PROJECT___ORANGE 1 24174	30.33 -0.62 0.00	28.11 -0.66 0.00	24.40 -0.55 0.00	23.55 -0.53 0.00	23.34 -0.50 0.00	24.73 -0.48 0.00	28.00 -0.63 0.00	29.78 -0.67 0.00	31.64 -0.78 0.00	33.86 -0.55 0.00	35.03 -0.50 0.00	36.18 -0.33 0.00	37.41 -0.23 0.00	38.83 -0.12 0.00	39.23 -0.24 0.00	44.58 -0.50 0.00	47.56 -0.29 0.00	56.05 -0.28 0.00	50.28 -0.25 0.00	44.27 -0.36 0.00	40.78 -0.37 0.00	37.28 -0.34 0.00	33.93 -0.41 0.00	31.55 -0.55 0.00
PROJECT___ORANGE 2 24166	30.33 -0.62 0.00	28.11 -0.66 0.00	24.40 -0.55 0.00	23.55 -0.53 0.00	23.34 -0.50 0.00	24.73 -0.48 0.00	28.00 -0.63 0.00	29.78 -0.67 0.00	31.64 -0.78 0.00	33.86 -0.55 0.00	35.03 -0.50 0.00	36.18 -0.33 0.00	37.41 -0.23 0.00	38.83 -0.12 0.00	39.23 -0.24 0.00	44.58 -0.50 0.00	47.56 -0.29 0.00	56.05 -0.28 0.00	50.28 -0.25 0.00	44.27 -0.36 0.00	40.78 -0.37 0.00	37.28 -0.34 0.00	33.93 -0.41 0.00	31.55 -0.55 0.00
PUCKETT___SOLAR 323809	31.53 0.59 0.00	29.17 0.40 0.00	25.30 0.35 0.00	24.39 0.31 0.00	24.17 0.33 0.00	25.69 0.48 0.00	29.08 0.46 0.00	30.96 0.52 0.00	32.81 0.39 0.00	35.10 0.69 0.00	36.38 0.85 0.00	37.71 1.20 0.00	38.91 1.28 0.00	40.30 1.36 0.00	40.85 1.38 -0.01	46.43 1.35 0.00	49.71 1.86 0.00	58.70 2.37 0.00	52.86 2.33 0.00	46.64 2.01 0.00	42.92 1.77 0.00	39.27 1.65 0.00	35.55 1.20 0.00	32.90 0.80 0.00
PYRITES___HYD 24023	30.30 -0.65 0.00	28.19 -0.58 0.00	24.40 -0.55 0.00	23.55 -0.53 0.00	23.36 -0.48 0.00	24.66 -0.55 0.00	28.23 -0.40 0.00	30.08 -0.37 0.00	31.96 -0.45 0.00	33.83 -0.58 0.00	34.85 -0.67 0.00	35.67 -0.84 0.00	36.69 -0.94 0.00	37.81 -1.13 0.00	38.32 -1.14 0.00	43.77 -1.31 0.00	45.17 -2.68 0.00	53.23 -3.10 0.01	47.79 -2.73 0.01	42.75 -1.87 0.00	39.75 -1.40 0.00	36.83 -0.79 0.00	33.59 -0.76 0.00	31.26 -0.83 0.00
QUAKERRD_115KV_BK1 80622	29.80 -1.14 0.00	27.53 -1.24 0.00	23.90 -1.05 0.00	23.05 -1.04 0.00	22.84 -1.00 0.00	24.30 -0.91 0.00	27.37 -1.26 0.00	29.05 -1.40 0.00	30.76 -1.65 0.00	33.24 -1.17 0.00	34.46 -1.07 0.00	35.70 -0.80 0.00	37.03 -0.60 0.00	38.55 -0.39 0.00	38.95 -0.51 0.00	43.90 -1.17 0.00	46.84 -1.00 0.00	55.26 -1.07 0.00	49.62 -0.91 0.00	43.69 -0.94 0.00	40.33 -0.82 0.00	37.02 -0.60 0.00	33.42 -0.93 0.00	31.00 -1.09 0.00
QUENSBRY_115KV_TB8 356137	33.08 2.14 0.00	30.84 2.07 0.00	26.72 1.77 0.00	25.72 1.64 0.00	25.41 1.57 0.00	27.00 1.79 0.00	30.69 2.06 0.00	32.36 1.92 0.00	34.59 2.17 0.00	36.82 2.41 0.00	37.62 2.10 0.00	38.70 2.19 0.00	39.74 2.11 0.00	40.81 1.87 0.00	41.44 1.97 0.00	47.46 2.39 0.00	50.57 2.73 0.00	60.45 4.11 0.00	54.67 4.14 0.00	48.29 3.66 0.00	44.86 3.70 0.00	40.70 3.08 0.00	36.82 2.47 0.00	34.44 2.34 0.00
RAMAPO___LBMP 323565	32.68 1.73 0.00	30.41 1.64 0.00	26.35 1.40 0.00	25.43 1.35 0.00	25.15 1.31 0.00	26.60 1.39 0.00	30.26 1.63 0.00	32.33 1.89 0.00	34.49 2.07 0.00	36.44 2.03 0.00	37.62 2.10 0.00	38.84 2.34 0.00	40.00 2.37 0.00	41.43 2.49 0.00	42.11 2.64 0.00	48.32 3.25 0.00	51.58 3.73 0.00	60.67 4.34 0.00	54.32 3.79 0.00	47.66 3.03 0.00	43.83 2.68 0.00	39.99 2.37 0.00	36.44 2.10 0.00	34.18 2.09 0.00
RANKINE____ 23646	30.79 -0.15 0.00	28.34 -0.43 0.00	24.65 -0.30 0.00	23.72 -0.36 0.00	23.46 -0.38 0.00	25.16 -0.05 0.00	28.08 -0.54 0.00	29.72 -0.73 0.00	31.48 -0.94 0.00	34.31 -0.10 0.00	35.92 0.39 0.00	37.28 0.77 0.00	38.92 1.28 0.00	40.66 1.71 -0.01	40.50 0.95 -0.08	45.24 0.14 -0.04	48.67 0.81 -0.01	57.30 0.96 -0.01	51.54 1.01 0.00	45.39 0.76 0.00	41.69 0.54 0.00	38.67 1.05 0.00	34.69 0.34 0.00	32.25 0.16 0.00
RAVENSWOOD_GT2_1 24244	33.20 2.26 0.00	30.90 2.13 0.00	26.70 1.75 0.00	25.79 1.71 0.00	25.48 1.64 0.00	26.93 1.71 0.00	30.74 2.12 0.00	32.94 2.50 0.00	35.17 2.76 0.00	37.13 2.72 0.00	38.33 2.81 0.00	39.54 3.03 0.00	40.68 3.05 0.00	42.10 3.15 0.00	42.78 3.32 0.00	49.13 4.06 0.00	52.44 4.59 0.00	61.63 5.30 0.00	55.13 4.60 0.00	48.33 3.70 0.00	44.45 3.29 0.00	40.59 2.97 0.00	37.02 2.68 0.00	34.76 2.66 0.00
RAVENSWOOD_GT2_2 24245	33.20 2.26 0.00	30.90 2.13 0.00	26.70 1.75 0.00	25.79 1.71 0.00	25.48 1.64 0.00	26.93 1.71 0.00	30.74 2.12 0.00	32.94 2.50 0.00	35.17 2.76 0.00	37.13 2.72 0.00	38.33 2.81 0.00	39.54 3.03 0.00	40.68 3.05 0.00	42.10 3.15 0.00	42.78 3.32 0.00	49.13 4.06 0.00	52.44 4.59 0.00	61.63 5.30 0.00	55.13 4.60 0.00	48.33 3.70 0.00	44.45 3.29 0.00	40.59 2.97 0.00	37.02 2.68 0.00	34.76 2.66 0.00

RAVENSWOOD_GT2_3 24246	33.20 2.26 0.00	30.90 2.13 0.00	26.70 1.75 0.00	25.79 1.71 0.00	25.48 1.64 0.00	26.95 1.74 0.00	30.74 2.12 0.00	32.97 2.53 0.00	35.17 2.76 0.00	37.13 2.72 0.00	38.33 2.81 0.00	39.54 3.03 0.00	40.72 3.09 0.00	42.14 3.19 0.00	42.78 3.32 0.00	49.13 4.06 0.00	52.44 4.59 0.00	61.69 5.35 0.00	55.18 4.65 0.00	48.37 3.75 0.00	44.49 3.33 0.00	40.63 3.01 0.00	37.02 2.68 0.00	34.79 2.70 0.00
RAVENSWOOD_GT2_4 24247	33.20 2.26 0.00	30.90 2.13 0.00	26.70 1.75 0.00	25.79 1.71 0.00	25.48 1.64 0.00	26.95 1.74 0.00	30.74 2.12 0.00	32.97 2.53 0.00	35.17 2.76 0.00	37.13 2.72 0.00	38.33 2.81 0.00	39.54 3.03 0.00	40.72 3.09 0.00	42.14 3.19 0.00	42.78 3.32 0.00	49.13 4.06 0.00	52.44 4.59 0.00	61.69 5.35 0.00	55.18 4.65 0.00	48.37 3.75 0.00	44.49 3.33 0.00	40.63 3.01 0.00	37.02 2.68 0.00	34.79 2.70 0.00
RAVENSWOOD_GT3_1 24248	33.20 2.26 0.00	30.90 2.13 0.00	26.70 1.75 0.00	25.79 1.71 0.00	25.48 1.64 0.00	26.95 1.74 0.00	30.74 2.12 0.00	32.97 2.53 0.00	35.17 2.76 0.00	37.13 2.72 0.00	38.33 2.81 0.00	39.54 3.03 0.00	40.68 3.05 0.00	42.10 3.15 0.00	42.78 3.32 0.00	49.13 4.06 0.00	52.44 4.59 0.00	61.63 5.30 0.00	55.13 4.60 0.00	48.33 3.70 0.00	44.45 3.29 0.00	40.59 2.97 0.00	37.02 2.68 0.00	34.79 2.70 0.00
RAVENSWOOD_GT3_2 24249	33.20 2.26 0.00	30.90 2.13 0.00	26.70 1.75 0.00	25.79 1.71 0.00	25.48 1.64 0.00	26.95 1.74 0.00	30.74 2.12 0.00	32.97 2.53 0.00	35.17 2.76 0.00	37.13 2.72 0.00	38.33 2.81 0.00	39.54 3.03 0.00	40.68 3.05 0.00	42.10 3.15 0.00	42.78 3.32 0.00	49.13 4.06 0.00	52.44 4.59 0.00	61.63 5.30 0.00	55.13 4.60 0.00	48.33 3.70 0.00	44.45 3.29 0.00	40.59 2.97 0.00	37.02 2.68 0.00	34.79 2.70 0.00
RAVENSWOOD_GT3_3 24250	33.27 2.32 0.00	30.95 2.19 0.00	26.72 1.77 0.00	25.84 1.76 0.00	25.53 1.69 0.00	26.98 1.76 0.00	30.77 2.15 0.00	33.00 2.56 0.00	35.24 2.82 0.00	37.20 2.79 0.00	38.40 2.88 0.00	39.61 3.10 0.00	40.80 3.16 0.00	42.17 3.23 0.00	42.86 3.39 0.00	49.22 4.15 0.00	52.53 4.69 0.00	61.74 5.41 0.00	55.23 4.70 0.00	48.46 3.84 0.00	44.53 3.37 0.00	40.66 3.05 0.00	37.09 2.75 0.00	34.82 2.73 0.00
RAVENSWOOD_GT3_4 24251	33.27 2.32 0.00	30.95 2.19 0.00	26.72 1.77 0.00	25.84 1.76 0.00	25.53 1.69 0.00	26.98 1.76 0.00	30.77 2.15 0.00	33.00 2.56 0.00	35.24 2.82 0.00	37.20 2.79 0.00	38.40 2.88 0.00	39.61 3.10 0.00	40.80 3.16 0.00	42.17 3.23 0.00	42.86 3.39 0.00	49.22 4.15 0.00	52.53 4.69 0.00	61.74 5.41 0.00	55.23 4.70 0.00	48.46 3.84 0.00	44.53 3.37 0.00	40.66 3.05 0.00	37.09 2.75 0.00	34.82 2.73 0.00
RAVENSWOOD_GT_1 23729	33.42 2.48 0.00	31.10 2.33 0.00	26.85 1.90 0.00	25.96 1.88 0.00	25.65 1.81 0.00	27.08 1.87 0.00	30.89 2.26 0.00	33.16 2.71 0.00	35.37 2.95 0.00	37.23 2.82 0.00	38.44 2.91 0.00	39.65 3.14 0.00	40.80 3.16 0.00	42.10 3.15 0.00	42.74 3.28 0.00	48.99 3.92 0.00	52.34 4.50 0.00	61.52 5.18 0.00	55.03 4.50 0.00	48.24 3.61 0.00	44.41 3.25 0.00	40.55 2.93 0.00	37.20 2.85 0.00	35.27 2.73 -0.45
RAVENSWOOD_GT_10 24258	33.24 2.29 0.00	30.90 2.13 0.00	26.70 1.75 0.00	25.79 1.71 0.00	25.48 1.64 0.00	26.95 1.74 0.00	30.74 2.12 0.00	32.97 2.53 0.00	35.17 2.76 0.00	37.13 2.72 0.00	38.33 2.81 0.00	39.54 3.03 0.00	40.72 3.09 0.00	42.10 3.15 0.00	42.78 3.32 0.00	49.13 4.06 0.00	52.44 4.59 0.00	61.63 5.30 0.00	55.13 4.60 0.00	48.37 3.75 0.00	44.45 3.29 0.00	40.63 3.01 0.00	37.02 2.68 0.00	34.79 2.70 0.00
RAVENSWOOD_GT_11 24259	33.24 2.29 0.00	30.90 2.13 0.00	26.70 1.75 0.00	25.79 1.71 0.00	25.48 1.64 0.00	26.95 1.74 0.00	30.74 2.12 0.00	32.97 2.53 0.00	35.17 2.76 0.00	37.13 2.72 0.00	38.33 2.81 0.00	39.54 3.03 0.00	40.72 3.09 0.00	42.10 3.15 0.00	42.78 3.32 0.00	49.13 4.06 0.00	52.44 4.59 0.00	61.63 5.30 0.00	55.13 4.60 0.00	48.37 3.75 0.00	44.45 3.29 0.00	40.63 3.01 0.00	37.02 2.68 0.00	34.79 2.70 0.00
RAVENSWOOD_GT_4 24252	33.20 2.26 0.00	30.90 2.13 0.00	26.67 1.72 0.00	25.77 1.69 0.00	25.48 1.64 0.00	26.93 1.71 0.00	30.72 2.09 0.00	32.94 2.50 0.00	35.17 2.76 0.00	37.13 2.72 0.00	38.33 2.81 0.00	39.54 3.03 0.00	40.68 3.05 0.00	42.10 3.15 0.00	42.78 3.32 0.00	49.13 4.06 0.00	52.49 4.64 0.00	61.69 5.35 0.00	55.18 4.65 0.00	48.37 3.75 0.00	44.49 3.33 0.00	40.63 3.01 0.00	37.02 2.68 0.00	34.79 2.70 0.00
RAVENSWOOD_GT_5 24254	33.20 2.26 0.00	30.90 2.13 0.00	26.67 1.72 0.00	25.77 1.69 0.00	25.48 1.64 0.00	26.93 1.71 0.00	30.72 2.09 0.00	32.94 2.50 0.00	35.17 2.76 0.00	37.13 2.72 0.00	38.33 2.81 0.00	39.54 3.03 0.00	40.68 3.05 0.00	42.10 3.15 0.00	42.78 3.32 0.00	49.13 4.06 0.00	52.49 4.64 0.00	61.69 5.35 0.00	55.18 4.65 0.00	48.37 3.75 0.00	44.49 3.33 0.00	40.63 3.01 0.00	37.02 2.68 0.00	34.79 2.70 0.00
RAVENSWOOD_GT_6 24253	33.20 2.26 0.00	30.90 2.13 0.00	26.67 1.72 0.00	25.77 1.69 0.00	25.48 1.64 0.00	26.93 1.71 0.00	30.72 2.09 0.00	32.94 2.50 0.00	35.17 2.76 0.00	37.13 2.72 0.00	38.33 2.81 0.00	39.54 3.03 0.00	40.68 3.05 0.00	42.10 3.15 0.00	42.78 3.32 0.00	49.13 4.06 0.00	52.49 4.64 0.00	61.69 5.35 0.00	55.18 4.65 0.00	48.37 3.75 0.00	44.49 3.33 0.00	40.63 3.01 0.00	37.02 2.68 0.00	34.79 2.70 0.00
RAVENSWOOD_GT_7 24255	33.20 2.26 0.00	30.90 2.13 0.00	26.67 1.72 0.00	25.77 1.69 0.00	25.48 1.64 0.00	26.93 1.71 0.00	30.72 2.09 0.00	32.94 2.50 0.00	35.17 2.76 0.00	37.13 2.72 0.00	38.33 2.81 0.00	39.54 3.03 0.00	40.68 3.05 0.00	42.10 3.15 0.00	42.78 3.32 0.00	49.13 4.06 0.00	52.49 4.64 0.00	61.69 5.35 0.00	55.18 4.65 0.00	48.37 3.75 0.00	44.49 3.33 0.00	40.63 3.01 0.00	37.02 2.68 0.00	34.79 2.70 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.24 2.29 0.00	30.90 2.13 0.00	26.70 1.75 0.00	25.79 1.71 0.00	25.48 1.64 0.00	26.95 1.74 0.00	30.74 2.12 0.00	32.97 2.53 0.00	35.17 2.76 0.00	37.13 2.72 0.00	38.33 2.81 0.00	39.54 3.03 0.00	40.72 3.09 0.00	42.10 3.15 0.00	42.78 3.32 0.00	49.13 4.06 0.00	52.44 4.59 0.00	61.63 5.30 0.00	55.13 4.60 0.00	48.37 3.75 0.00	44.45 3.29 0.00	40.63 3.01 0.00	37.02 2.68 0.00	34.79 2.70 0.00
RAVENSWOOD_GT_9 24257	33.24 2.29 0.00	30.90 2.13 0.00	26.70 1.75 0.00	25.79 1.71 0.00	25.48 1.64 0.00	26.95 1.74 0.00	30.74 2.12 0.00	32.97 2.53 0.00	35.17 2.76 0.00	37.13 2.72 0.00	38.33 2.81 0.00	39.54 3.03 0.00	40.72 3.09 0.00	42.10 3.15 0.00	42.78 3.32 0.00	49.13 4.06 0.00	52.44 4.59 0.00	61.63 5.30 0.00	55.13 4.60 0.00	48.37 3.75 0.00	44.45 3.29 0.00	40.63 3.01 0.00	37.02 2.68 0.00	34.79 2.70 0.00

RAVENSWOOD___1 23533	33.37 2.42 -0.01	31.05 2.27 -0.01	26.83 1.87 -0.01	25.90 1.81 -0.01	25.61 1.76 -0.01	27.03 1.82 0.00	30.86 2.23 0.00	33.10 2.65 -0.01	35.30 2.88 0.00	37.20 2.79 0.00	38.33 2.81 0.00	39.36 2.85 0.00	40.61 2.97 0.00	42.06 3.12 0.00	42.71 3.24 0.00	48.95 3.88 0.00	52.29 4.45 0.01	61.45 5.13 0.01	54.87 4.35 0.01	48.19 3.57 0.01	44.37 3.21 0.00	40.47 2.86 0.00	37.16 2.82 0.00	35.02 2.70 -0.23
RAVENSWOOD___2 23534	33.28 2.32 -0.01	30.96 2.19 -0.01	26.76 1.80 -0.01	25.82 1.73 -0.01	25.56 1.72 -0.01	26.95 1.74 0.00	30.77 2.15 0.00	33.01 2.56 -0.01	35.20 2.79 0.00	37.10 2.69 0.00	38.26 2.74 0.00	39.28 2.77 0.00	40.53 2.90 0.00	41.98 3.04 0.00	42.63 3.16 0.00	48.68 3.61 0.00	51.86 4.02 0.01	60.95 4.62 0.01	54.47 3.94 0.01	47.87 3.26 0.01	44.28 3.13 0.00	40.40 2.78 0.00	37.09 2.75 0.00	34.91 2.60 -0.22
RAVENSWOOD___3 23535	33.20 2.26 0.00	30.87 2.10 0.00	26.70 1.75 0.00	25.77 1.69 0.00	25.48 1.64 0.00	26.93 1.72 0.00	30.71 2.09 0.00	32.91 2.47 0.00	35.14 2.72 0.00	37.10 2.69 0.00	38.26 2.74 0.00	39.36 2.85 0.00	40.61 2.97 0.00	42.10 3.15 0.00	42.74 3.27 0.00	49.08 4.01 0.00	52.44 4.59 0.00	61.63 5.29 0.00	55.08 4.55 0.00	48.33 3.70 0.00	44.45 3.29 0.00	40.63 3.01 0.00	37.06 2.71 0.00	34.76 2.66 0.00
RAVENSWOOD___4 23820	33.34 2.38 -0.01	30.99 2.22 -0.01	26.78 1.82 -0.01	25.87 1.78 -0.01	25.59 1.74 -0.01	27.00 1.79 0.00	30.80 2.17 0.00	33.04 2.59 -0.01	35.23 2.82 0.00	37.17 2.75 0.00	38.30 2.77 0.00	39.36 2.85 0.00	40.61 2.97 0.00	42.02 3.08 0.00	42.66 3.20 0.00	48.95 3.88 0.00	52.24 4.40 0.01	61.40 5.07 0.01	54.87 4.35 0.01	48.14 3.52 0.01	44.32 3.17 0.00	40.47 2.86 0.00	37.13 2.78 0.00	34.76 2.66 0.00
RCPL_TRUST___DRP 24196	33.24 2.29 0.00	30.93 2.16 0.00	26.70 1.75 0.00	25.81 1.73 0.00	25.51 1.67 0.00	26.98 1.76 0.00	30.77 2.15 0.00	33.00 2.56 0.00	35.24 2.82 0.00	37.20 2.79 0.00	38.40 2.88 0.00	39.61 3.10 0.00	40.80 3.16 0.00	42.25 3.31 0.00	42.94 3.47 0.00	49.31 4.24 0.00	52.63 4.78 0.00	61.80 5.46 0.00	55.28 4.75 0.00	48.46 3.84 0.00	44.57 3.42 0.00	40.70 3.08 0.00	37.06 2.71 0.00	34.79 2.70 0.00
RED___ROCHESTER 323720	30.73 -0.22 0.00	28.34 -0.43 0.00	24.60 -0.35 0.00	23.74 -0.34 0.00	23.48 -0.36 0.00	25.06 -0.15 0.00	28.14 -0.49 0.00	30.02 -0.43 0.00	31.67 -0.74 0.00	34.34 -0.07 0.00	35.81 0.28 0.00	37.42 0.91 0.00	38.50 0.87 0.00	40.11 1.17 0.00	40.49 1.02 0.01	45.61 0.54 0.00	48.56 0.72 0.00	57.06 0.73 0.00	51.44 0.91 0.00	45.20 0.58 0.00	41.73 0.58 0.00	38.33 0.71 0.00	34.48 0.14 0.00	31.90 -0.19 0.00
REGAN___SOLAR 323812	35.06 4.12 0.00	32.65 3.88 0.00	28.12 3.17 0.00	27.04 2.96 0.00	26.75 2.91 0.00	28.49 3.28 0.00	32.52 3.89 0.00	34.22 3.77 0.00	36.27 3.86 0.00	38.61 4.20 0.00	39.79 4.26 0.00	41.11 4.60 0.00	42.56 4.93 0.00	43.81 4.87 0.00	44.44 4.97 0.00	50.98 5.90 0.00	54.54 6.70 0.00	66.03 9.69 0.00	59.32 8.79 0.00	52.39 7.76 0.00	48.23 7.08 0.00	43.75 6.13 0.00	39.22 4.87 0.00	36.42 4.33 0.00
RENSSELAER___COGEN 23796	31.60 0.65 0.00	29.43 0.66 0.00	25.55 0.60 0.00	24.66 0.58 0.00	24.39 0.55 0.00	25.76 0.55 0.00	29.25 0.63 0.00	30.96 0.52 0.00	33.03 0.61 0.00	34.96 0.55 0.00	35.99 0.46 0.00	37.02 0.51 0.00	38.16 0.53 0.00	39.41 0.47 0.00	40.02 0.55 0.00	45.79 0.72 0.00	48.75 0.91 0.00	57.57 1.24 0.00	51.59 1.06 0.00	45.56 0.94 0.00	41.98 0.82 0.00	38.26 0.64 0.00	34.86 0.52 0.00	32.80 0.71 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.03 4.08 0.00	32.71 3.94 0.00	28.25 3.29 0.00	27.14 3.06 0.00	26.80 2.96 0.00	28.61 3.40 0.00	32.52 3.89 0.00	34.10 3.65 0.00	36.47 4.05 0.00	38.95 4.54 0.00	39.86 4.33 0.00	41.03 4.53 0.00	42.23 4.59 0.00	43.30 4.36 0.00	43.93 4.46 0.00	50.26 5.18 0.00	53.54 5.69 0.00	64.50 8.17 0.00	58.31 7.78 0.00	51.63 7.01 0.00	47.94 6.79 0.00	43.41 5.79 0.00	39.02 4.67 0.00	36.43 4.33 0.00
REVERE_CPPR_DRP 24186	31.94 0.99 0.00	29.57 0.81 0.00	25.60 0.65 0.00	24.66 0.58 0.00	24.43 0.60 0.00	25.89 0.68 0.00	29.46 0.83 0.00	31.39 0.94 0.00	33.32 0.91 0.00	35.51 1.10 0.00	36.70 1.17 0.00	38.00 1.50 0.00	39.25 1.62 0.00	40.54 1.60 0.00	40.97 1.50 0.00	46.88 1.80 0.00	50.00 2.15 0.00	59.09 2.76 0.00	53.11 2.58 0.00	46.90 2.28 0.00	43.21 2.06 0.00	39.42 1.81 0.00	35.75 1.41 0.00	33.12 1.03 0.00
REYNOLDS_115KV_TB3 80639	31.87 0.93 0.00	29.69 0.92 0.00	25.80 0.85 0.00	24.90 0.82 0.00	24.65 0.81 0.00	26.02 0.81 0.00	29.51 0.89 0.00	31.30 0.85 0.00	33.36 0.94 0.00	35.27 0.86 0.00	36.34 0.82 0.00	37.42 0.91 0.00	38.54 0.90 0.00	39.76 0.82 0.00	40.38 0.91 0.00	46.16 1.08 0.00	49.18 1.34 0.00	58.02 1.69 0.00	52.00 1.47 0.00	45.92 1.29 0.00	42.31 1.15 0.00	38.59 0.98 0.00	35.17 0.82 0.00	33.02 0.93 0.00
RIVERBAY____ 323610	33.82 2.88 0.00	31.47 2.70 0.00	27.20 2.25 0.00	26.27 2.19 0.00	25.96 2.12 0.00	27.38 2.17 0.00	31.17 2.55 0.00	33.37 2.92 0.00	35.49 3.08 0.00	37.41 2.99 0.00	38.62 3.09 0.00	39.83 3.32 0.00	40.98 3.35 0.00	42.29 3.35 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.73 4.88 0.00	62.02 5.69 0.00	55.63 5.10 0.00	48.73 4.11 0.00	44.69 3.54 0.00	40.85 3.24 0.00	37.54 3.19 0.00	35.05 2.95 -0.01
RIVERSIDE_115KV_TB3 55908	31.75 0.80 0.00	29.57 0.81 0.00	25.68 0.72 0.00	24.75 0.67 0.00	24.51 0.67 0.00	25.89 0.68 0.00	29.40 0.77 0.00	31.18 0.73 0.00	33.19 0.78 0.00	35.17 0.76 0.00	36.24 0.71 0.00	37.31 0.80 0.00	38.42 0.79 0.00	39.64 0.70 0.00	40.30 0.83 0.00	46.07 0.99 0.00	49.04 1.20 0.00	57.91 1.58 0.00	51.95 1.41 0.00	45.83 1.20 0.00	42.22 1.07 0.00	38.48 0.87 0.00	35.07 0.72 0.00	32.90 0.80 0.00
ROARING___BROOK_WT_PWR 323790	30.33 -0.62 0.00	28.11 -0.66 0.00	24.28 -0.67 0.00	23.41 -0.67 0.00	23.15 -0.69 0.00	24.46 -0.76 0.00	27.85 -0.77 0.00	29.69 -0.76 0.00	31.70 -0.71 0.00	33.65 -0.76 0.00	34.71 -0.82 0.00	35.52 -0.98 0.00	36.58 -1.05 0.00	37.85 -1.09 0.00	38.32 -1.15 0.00	43.81 -1.26 0.00	46.31 -1.53 0.00	54.51 -1.80 0.02	48.90 -1.62 0.01	43.24 -1.38 0.00	39.80 -1.36 0.00	36.26 -1.35 0.00	33.00 -1.34 0.00	30.78 -1.32 0.00
ROCHESRG_115KV_T4 355643	30.30 -0.65 0.00	27.99 -0.78 0.00	24.33 -0.62 0.00	23.43 -0.65 0.00	23.20 -0.64 0.00	24.73 -0.48 0.00	27.80 -0.83 0.00	29.44 -1.00 0.00	31.18 -1.23 0.00	33.79 -0.62 0.00	35.06 -0.46 0.00	36.36 -0.15 0.00	37.75 0.11 0.00	39.33 0.39 0.00	39.70 0.24 0.01	44.62 -0.45 0.00	47.56 -0.29 0.00	56.11 -0.23 0.00	50.38 -0.15 0.00	44.40 -0.22 0.00	40.99 -0.16 0.00	37.69 0.08 0.00	34.00 -0.34 0.00	31.58 -0.51 0.00

ROCHESTER_9_IC 23652	30.48 -0.46 0.00	28.16 -0.60 0.00	24.45 -0.50 0.00	23.55 -0.53 0.00	23.34 -0.50 0.00	24.88 -0.33 0.00	27.97 -0.66 0.00	29.65 -0.79 0.00	31.41 -1.00 0.00	34.03 -0.38 0.00	35.35 -0.18 0.00	36.65 0.15 0.00	38.05 0.41 0.00	39.68 0.74 0.00	40.05 0.59 0.01	45.03 -0.05 0.00	47.94 0.10 0.00	56.56 0.23 0.00	50.83 0.30 0.00	44.76 0.13 0.00	41.32 0.16 0.00	37.99 0.38 0.00	34.24 -0.10 0.00	31.77 -0.32 0.00
ROCKVIEW_13_KV_LD 356306	33.20 2.26 0.00	30.87 2.10 0.00	26.70 1.75 0.00	25.77 1.69 0.00	25.48 1.64 0.00	26.95 1.74 0.00	30.72 2.09 0.00	32.91 2.47 0.00	35.14 2.72 0.00	37.10 2.68 0.00	38.30 2.77 0.00	39.50 2.99 0.00	40.72 3.09 0.00	42.17 3.23 0.00	42.86 3.39 0.00	49.22 4.15 0.00	52.53 4.69 0.00	61.80 5.46 0.00	55.28 4.75 0.00	48.51 3.88 0.00	44.57 3.42 0.00	40.66 3.05 0.00	36.99 2.64 0.00	34.73 2.63 0.00
ROME____115KV_TB2 80656	31.94 0.99 0.00	29.57 0.81 0.00	25.60 0.65 0.00	24.66 0.58 0.00	24.43 0.60 0.00	25.89 0.68 0.00	29.46 0.83 0.00	31.39 0.94 0.00	33.32 0.91 0.00	35.51 1.10 0.00	36.70 1.17 0.00	38.00 1.50 0.00	39.25 1.62 0.00	40.54 1.60 0.00	40.97 1.50 0.00	46.88 1.80 0.00	50.00 2.15 0.00	59.09 2.76 0.00	53.11 2.58 0.00	46.90 2.28 0.00	43.21 2.06 0.00	39.42 1.81 0.00	35.75 1.41 0.00	33.12 1.03 0.00
ROSETON____1 23587	32.58 1.64 0.00	30.32 1.55 0.00	26.27 1.32 0.00	25.36 1.28 0.00	25.08 1.24 0.00	26.50 1.29 0.00	30.14 1.52 0.00	32.18 1.73 0.00	34.36 1.94 0.00	36.27 1.86 0.00	37.41 1.88 0.00	38.51 2.01 0.00	39.70 2.07 0.00	41.08 2.14 0.00	41.76 2.29 0.00	47.91 2.84 0.00	51.10 3.26 0.00	60.11 3.77 0.00	53.81 3.28 0.00	47.30 2.68 0.00	43.50 2.34 0.00	39.76 2.14 0.00	36.30 1.96 0.00	34.08 1.99 0.00
ROSETON____2 23588	32.58 1.64 0.00	30.32 1.55 0.00	26.27 1.32 0.00	25.36 1.28 0.00	25.08 1.24 0.00	26.50 1.29 0.00	30.14 1.52 0.00	32.18 1.73 0.00	34.36 1.94 0.00	36.27 1.86 0.00	37.41 1.88 0.00	38.51 2.01 0.00	39.70 2.07 0.00	41.08 2.14 0.00	41.76 2.29 0.00	47.91 2.84 0.00	51.10 3.26 0.00	60.11 3.77 0.00	53.81 3.28 0.00	47.30 2.68 0.00	43.50 2.34 0.00	39.76 2.14 0.00	36.30 1.96 0.00	34.08 1.99 0.00
ROTTDAM_115KV_TB3 80664	32.00 1.05 0.00	29.77 1.01 0.00	25.83 0.87 0.00	24.90 0.82 0.00	24.63 0.79 0.00	26.07 0.86 0.00	29.60 0.97 0.00	31.42 0.97 0.00	33.49 1.07 0.00	35.48 1.07 0.00	36.56 1.03 0.00	37.64 1.13 0.00	38.80 1.17 0.00	40.07 1.13 0.00	40.69 1.22 0.00	46.52 1.44 0.00	49.57 1.72 0.00	58.53 2.20 0.00	52.55 2.02 0.00	46.37 1.74 0.00	42.76 1.61 0.00	38.97 1.35 0.00	35.48 1.13 0.00	33.22 1.12 0.00
RUSSELL____1 23602	30.67 -0.28 0.00	28.31 -0.46 0.00	24.58 -0.37 0.00	23.67 -0.41 0.00	23.43 -0.41 0.00	25.01 -0.20 0.00	28.08 -0.54 0.00	29.81 -0.64 0.00	31.60 -0.81 0.00	34.27 -0.14 0.00	35.60 0.07 0.00	36.91 0.40 0.00	38.35 0.72 0.00	39.99 1.05 0.00	40.37 0.91 0.01	45.39 0.32 0.00	48.32 0.48 0.00	56.95 0.62 0.00	51.24 0.71 0.00	45.07 0.45 0.00	41.65 0.49 0.00	38.26 0.64 0.00	34.48 0.14 0.00	31.97 -0.13 0.00
RUSSELL____2 23532	30.67 -0.28 0.00	28.31 -0.46 0.00	24.58 -0.37 0.00	23.67 -0.41 0.00	23.43 -0.41 0.00	25.01 -0.20 0.00	28.08 -0.54 0.00	29.81 -0.64 0.00	31.60 -0.81 0.00	34.27 -0.14 0.00	35.60 0.07 0.00	36.91 0.40 0.00	38.35 0.72 0.00	39.99 1.05 0.00	40.37 0.91 0.01	45.39 0.32 0.00	48.32 0.48 0.00	56.95 0.62 0.00	51.24 0.71 0.00	45.07 0.45 0.00	41.65 0.49 0.00	38.26 0.64 0.00	34.48 0.14 0.00	31.97 -0.13 0.00
RUSSELL____3 23549	30.67 -0.28 0.00	28.31 -0.46 0.00	24.58 -0.37 0.00	23.67 -0.41 0.00	23.43 -0.41 0.00	25.01 -0.20 0.00	28.08 -0.54 0.00	29.81 -0.64 0.00	31.60 -0.81 0.00	34.27 -0.14 0.00	35.60 0.07 0.00	36.91 0.40 0.00	38.35 0.72 0.00	39.99 1.05 0.00	40.37 0.91 0.01	45.39 0.32 0.00	48.32 0.48 0.00	56.95 0.62 0.00	51.24 0.71 0.00	45.07 0.45 0.00	41.65 0.49 0.00	38.26 0.64 0.00	34.48 0.14 0.00	31.97 -0.13 0.00
RUSSELL____4 23556	30.67 -0.28 0.00	28.31 -0.46 0.00	24.58 -0.37 0.00	23.67 -0.41 0.00	23.43 -0.41 0.00	25.01 -0.20 0.00	28.08 -0.54 0.00	29.81 -0.64 0.00	31.60 -0.81 0.00	34.27 -0.14 0.00	35.60 0.07 0.00	36.91 0.40 0.00	38.35 0.72 0.00	39.99 1.05 0.00	40.37 0.91 0.01	45.39 0.32 0.00	48.32 0.48 0.00	56.95 0.62 0.00	51.24 0.71 0.00	45.07 0.45 0.00	41.65 0.49 0.00	38.26 0.64 0.00	34.48 0.14 0.00	31.97 -0.13 0.00
RUSSELL____STATION 23914	30.67 -0.28 0.00	28.31 -0.46 0.00	24.58 -0.37 0.00	23.67 -0.41 0.00	23.43 -0.41 0.00	25.01 -0.20 0.00	28.08 -0.54 0.00	29.81 -0.64 0.00	31.60 -0.81 0.00	34.27 -0.14 0.00	35.60 0.07 0.00	36.91 0.40 0.00	38.35 0.72 0.00	39.99 1.05 0.00	40.37 0.91 0.01	45.39 0.32 0.00	48.32 0.48 0.00	56.95 0.62 0.00	51.24 0.71 0.00	45.07 0.45 0.00	41.65 0.49 0.00	38.26 0.64 0.00	34.48 0.14 0.00	31.97 -0.13 0.00
S SALMON____HYD 24043	30.17 -0.77 0.00	27.96 -0.81 0.00	24.25 -0.70 0.00	23.41 -0.67 0.00	23.22 -0.62 0.00	24.58 -0.63 0.00	27.88 -0.74 0.00	29.72 -0.73 0.00	31.44 -0.97 0.00	33.59 -0.83 0.00	34.57 -0.96 0.00	35.81 -0.69 0.00	36.88 -0.75 0.00	37.77 -1.17 0.00	38.20 -1.26 0.00	43.59 -1.49 0.00	46.41 -1.43 0.00	54.87 -1.47 0.00	49.47 -1.06 0.00	43.96 -0.67 0.00	40.49 -0.66 0.00	37.17 -0.45 0.00	33.76 -0.58 0.00	31.32 -0.77 0.00
S.PERRY__115KV_TB1 80734	31.78 0.84 0.00	29.31 0.55 0.00	25.40 0.45 0.00	24.47 0.39 0.00	24.22 0.38 0.00	25.94 0.73 0.00	29.14 0.52 0.00	30.69 0.24 0.00	32.25 -0.16 0.00	34.82 0.41 0.00	34.99 -0.53 0.00	36.43 -0.07 0.00	37.86 0.23 0.00	39.49 0.55 0.00	39.64 0.16 -0.02	44.63 -0.45 -0.01	47.85 0.00 0.00	56.73 0.39 0.00	51.44 0.91 0.00	45.56 0.94 0.00	42.22 1.07 0.00	38.82 1.20 0.00	34.83 0.48 0.00	33.18 1.09 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.54 -0.40 0.00	28.11 -0.66 0.00	24.48 -0.47 0.00	23.53 -0.55 0.00	23.29 -0.55 0.00	24.96 -0.25 0.00	27.85 -0.77 0.00	29.41 -1.04 0.00	31.12 -1.30 0.00	33.93 -0.48 0.00	35.49 -0.04 0.00	36.84 0.33 0.00	38.46 0.83 0.00	40.20 1.25 -0.01	40.21 0.59 -0.15	44.82 -0.32 -0.06	48.09 0.24 -0.01	56.68 0.34 -0.01	50.94 0.40 0.00	44.85 0.22 0.00	41.28 0.12 0.00	38.30 0.68 0.00	34.35 0.00 0.00	31.97 -0.13 0.00
SAWYER____23_KV_LOAD 55526	30.54 -0.40 0.00	28.11 -0.66 0.00	24.48 -0.47 0.00	23.53 -0.55 0.00	23.29 -0.55 0.00	24.96 -0.25 0.00	27.85 -0.77 0.00	29.41 -1.04 0.00	31.12 -1.30 0.00	33.93 -0.48 0.00	35.49 -0.04 0.00	36.84 0.33 0.00	38.46 0.83 0.00	40.20 1.25 -0.01	40.21 0.59 -0.15	44.82 -0.32 -0.06	48.09 0.24 -0.01	56.68 0.34 -0.01	50.94 0.40 0.00	44.85 0.22 0.00	41.28 0.12 0.00	38.30 0.68 0.00	34.35 0.00 0.00	31.97 -0.13 0.00

SELKIRK___I 23801	31.87 0.93 0.00	29.69 0.92 0.00	25.77 0.82 0.00	24.85 0.77 0.00	24.58 0.74 0.00	25.99 0.78 0.00	29.48 0.86 0.00	31.18 0.73 0.00	33.19 0.78 0.00	35.17 0.76 0.00	36.17 0.64 0.00	37.20 0.69 0.00	38.35 0.71 0.00	39.60 0.66 0.00	40.18 0.71 0.00	45.93 0.85 0.00	48.90 1.05 0.00	57.86 1.52 0.00	51.94 1.41 0.00	45.87 1.25 0.00	42.35 1.19 0.00	38.59 0.98 0.00	35.17 0.82 0.00	33.06 0.96 0.00
SELKIRK___II 23799	31.69 0.74 0.00	29.51 0.75 0.00	25.60 0.65 0.00	24.71 0.63 0.00	24.44 0.60 0.00	25.84 0.63 0.00	29.34 0.72 0.00	31.09 0.64 0.00	33.13 0.71 0.00	35.06 0.65 0.00	36.13 0.60 0.00	37.17 0.66 0.00	38.31 0.68 0.00	39.60 0.66 0.00	40.22 0.75 0.00	45.97 0.90 0.00	48.95 1.10 0.00	57.74 1.41 0.00	51.79 1.26 0.00	45.70 1.07 0.00	42.14 0.99 0.00	38.41 0.79 0.00	35.03 0.69 0.00	32.90 0.80 0.00
SENECA OSWGO___HYD 24041	29.99 -0.96 0.00	27.82 -0.95 0.00	24.15 -0.80 0.00	23.33 -0.75 0.00	23.10 -0.74 0.00	24.48 -0.73 0.00	27.68 -0.94 0.00	29.47 -0.98 0.00	31.28 -1.14 0.00	33.45 -0.96 0.00	34.60 -0.92 0.00	35.85 -0.66 0.00	36.96 -0.68 0.00	38.24 -0.70 0.00	38.68 -0.79 0.00	43.99 -1.08 0.00	46.93 -0.91 0.00	55.32 -1.01 0.00	49.67 -0.86 0.00	43.73 -0.89 0.00	40.29 -0.87 0.00	36.83 -0.79 0.00	33.52 -0.82 0.00	31.13 -0.96 0.00
SENECA___115KV_TB3 355854	30.85 -0.09 0.00	28.39 -0.37 0.00	24.70 -0.25 0.00	23.74 -0.34 0.00	23.51 -0.33 0.00	25.21 0.00 0.00	28.14 -0.49 0.00	29.78 -0.67 0.00	31.54 -0.88 0.00	34.38 -0.03 0.00	35.99 0.46 0.00	37.39 0.88 0.00	39.03 1.39 0.00	40.74 1.79 -0.01	40.62 1.07 -0.08	45.38 0.27 -0.04	48.76 0.91 -0.01	57.41 1.07 -0.01	51.65 1.11 0.00	45.48 0.85 0.00	41.78 0.62 0.00	38.75 1.13 0.00	34.76 0.41 0.00	32.32 0.22 0.00
SENECA___ENERGY 23797	30.64 -0.31 0.00	28.37 -0.40 0.00	24.60 -0.35 0.00	23.72 -0.36 0.00	23.51 -0.33 0.00	25.04 -0.18 0.00	28.28 -0.34 0.00	30.11 -0.33 0.00	32.29 -0.13 0.00	34.69 0.27 0.00	36.02 0.50 0.00	37.42 0.91 0.00	38.65 1.02 0.00	40.11 1.17 0.00	40.42 0.95 0.00	45.75 0.68 0.00	48.37 0.53 0.00	57.01 0.68 0.00	51.34 0.81 0.00	45.20 0.58 0.00	41.61 0.45 0.00	38.07 0.45 0.00	34.38 0.03 0.00	31.84 -0.26 0.00
SHOEMAKER___GT 23640	32.37 1.42 0.00	30.09 1.32 0.00	26.10 1.15 0.00	25.17 1.08 0.00	24.91 1.07 0.00	26.32 1.11 0.00	29.92 1.29 0.00	31.85 1.40 0.00	34.00 1.59 0.00	35.92 1.51 0.00	37.09 1.56 0.00	38.19 1.68 0.00	39.37 1.73 0.00	40.81 1.87 0.00	41.44 1.97 0.00	47.51 2.43 0.00	50.72 2.87 0.00	59.66 3.32 0.00	53.51 2.98 0.00	47.08 2.45 0.00	43.29 2.14 0.00	39.50 1.88 0.00	36.06 1.72 0.00	33.79 1.70 0.00
SHOEMAKR_138KV_BK 111 55601	32.37 1.42 0.00	30.12 1.35 0.00	26.10 1.15 0.00	25.19 1.11 0.00	24.91 1.07 0.00	26.32 1.11 0.00	29.94 1.32 0.00	31.91 1.46 0.00	34.04 1.62 0.00	35.99 1.58 0.00	37.12 1.60 0.00	38.30 1.79 0.00	39.48 1.84 0.00	40.85 1.91 0.00	41.52 2.05 0.00	47.55 2.48 0.00	50.76 2.92 0.00	59.71 3.38 0.00	53.56 3.03 0.00	47.08 2.45 0.00	43.29 2.14 0.00	39.50 1.88 0.00	36.06 1.72 0.00	33.79 1.70 0.00
SHOREHAM_IC_1 23715	36.72 2.66 -3.11	35.66 2.56 -4.33	32.82 2.22 -5.65	30.07 2.24 -3.75	28.93 2.19 -2.90	30.28 2.32 -2.75	31.35 2.72 0.00	34.70 2.74 -1.51	36.02 3.05 -0.56	37.06 2.65 0.00	38.05 2.52 0.00	39.47 2.96 0.00	40.69 3.05 0.00	42.65 3.70 0.00	49.18 3.79 -5.92	49.64 4.55 -0.01	57.17 5.50 -3.83	68.63 6.36 -5.94	60.00 5.51 -3.96	48.82 4.19 0.00	44.82 3.66 0.00	41.20 3.58 0.00	37.13 2.78 0.00	35.11 3.02 0.00
SHOREHAM_IC_2 23716	36.72 2.66 -3.11	35.66 2.56 -4.33	32.82 2.22 -5.65	30.07 2.24 -3.75	28.93 2.19 -2.90	30.28 2.32 -2.75	31.35 2.72 0.00	34.70 2.74 -1.51	36.02 3.05 -0.56	37.06 2.65 0.00	38.05 2.52 0.00	39.47 2.96 0.00	40.69 3.05 0.00	42.65 3.70 0.00	49.18 3.79 -5.92	49.64 4.55 -0.01	57.17 5.50 -3.83	68.63 6.36 -5.94	60.00 5.51 -3.96	48.82 4.19 0.00	44.82 3.66 0.00	41.20 3.58 0.00	37.13 2.78 0.00	35.11 3.02 0.00
SISSONVILLE____ 23735	29.68 -1.27 0.00	27.65 -1.12 0.00	23.93 -1.02 0.00	23.09 -0.99 0.00	22.91 -0.93 0.00	24.15 -1.06 0.00	27.62 -1.00 0.00	29.44 -1.00 0.00	31.28 -1.13 0.00	33.14 -1.27 0.00	34.18 -1.35 0.00	34.94 -1.57 0.00	35.90 -1.73 0.00	37.07 -1.87 0.00	37.57 -1.89 0.00	42.91 -2.16 0.00	44.26 -3.59 0.00	52.10 -4.23 0.01	46.73 -3.79 0.01	41.77 -2.86 0.00	38.81 -2.35 0.00	36.00 -1.62 0.00	32.87 -1.48 0.00	30.65 -1.44 0.00
SITHE_IND_GS1 24169	29.58 -1.36 0.00	27.44 -1.32 0.00	23.83 -1.12 0.00	23.05 -1.03 0.00	22.81 -1.02 0.00	24.15 -1.06 0.00	27.31 -1.32 0.00	29.08 -1.37 0.00	30.86 -1.56 0.00	32.97 -1.44 0.00	34.10 -1.42 0.00	35.27 -1.24 0.00	36.35 -1.28 0.00	37.66 -1.28 0.00	38.09 -1.38 0.00	43.36 -1.71 0.00	46.12 -1.72 0.00	54.36 -1.97 0.00	48.81 -1.72 0.00	43.02 -1.60 0.00	39.63 -1.52 0.00	36.26 -1.35 0.00	32.97 -1.37 0.00	30.68 -1.41 0.00
SITHE_IND_GS2 24170	29.58 -1.36 0.00	27.44 -1.32 0.00	23.83 -1.12 0.00	23.05 -1.03 0.00	22.81 -1.02 0.00	24.15 -1.06 0.00	27.31 -1.32 0.00	29.08 -1.37 0.00	30.86 -1.56 0.00	32.97 -1.44 0.00	34.10 -1.42 0.00	35.27 -1.24 0.00	36.35 -1.28 0.00	37.66 -1.28 0.00	38.09 -1.38 0.00	43.36 -1.71 0.00	46.12 -1.72 0.00	54.36 -1.97 0.00	48.81 -1.72 0.00	43.02 -1.60 0.00	39.63 -1.52 0.00	36.26 -1.35 0.00	32.97 -1.37 0.00	30.68 -1.41 0.00
SITHE_IND_GS3 24171	29.58 -1.36 0.00	27.44 -1.32 0.00	23.83 -1.12 0.00	23.05 -1.03 0.00	22.81 -1.02 0.00	24.15 -1.06 0.00	27.31 -1.32 0.00	29.08 -1.37 0.00	30.86 -1.56 0.00	32.97 -1.44 0.00	34.10 -1.42 0.00	35.27 -1.24 0.00	36.35 -1.28 0.00	37.66 -1.28 0.00	38.09 -1.38 0.00	43.36 -1.71 0.00	46.12 -1.72 0.00	54.36 -1.97 0.00	48.81 -1.72 0.00	43.02 -1.60 0.00	39.63 -1.52 0.00	36.26 -1.35 0.00	32.97 -1.37 0.00	30.68 -1.41 0.00
SITHE_IND_GS4 24172	29.58 -1.36 0.00	27.44 -1.32 0.00	23.83 -1.12 0.00	23.05 -1.03 0.00	22.81 -1.02 0.00	24.15 -1.06 0.00	27.31 -1.32 0.00	29.08 -1.37 0.00	30.86 -1.56 0.00	32.97 -1.44 0.00	34.10 -1.42 0.00	35.27 -1.24 0.00	36.35 -1.28 0.00	37.66 -1.28 0.00	38.09 -1.38 0.00	43.36 -1.71 0.00	46.12 -1.72 0.00	54.36 -1.97 0.00	48.81 -1.72 0.00	43.02 -1.60 0.00	39.63 -1.52 0.00	36.26 -1.35 0.00	32.97 -1.37 0.00	30.68 -1.41 0.00
SITHE___BATAVIA 24024	31.10 0.16 0.00	28.60 -0.17 0.00	24.85 -0.10 0.00	23.94 -0.14 0.00	23.70 -0.14 0.00	25.39 0.18 0.00	28.37 -0.26 0.00	30.27 -0.18 0.00	31.77 -0.65 0.00	34.62 0.21 0.00	36.28 0.75 0.00	38.08 1.57 0.00	39.14 1.51 0.00	40.85 1.91 0.00	41.02 1.54 -0.01	45.76 0.68 -0.01	49.05 1.20 0.00	57.69 1.35 0.00	52.15 1.62 0.00	45.83 1.21 0.00	42.35 1.19 0.00	39.09 1.47 0.00	34.93 0.58 0.00	32.26 0.16 0.00

SITHE___INDEPEND 23800	29.55 -1.39 0.00	27.44 -1.32 0.00	23.85 -1.10 0.00	23.02 -1.06 0.00	22.81 -1.03 0.00	24.13 -1.08 0.00	27.31 -1.32 0.00	29.02 -1.43 0.00	30.83 -1.59 0.00	32.93 -1.48 0.00	34.03 -1.49 0.00	35.12 -1.39 0.00	36.28 -1.35 0.00	37.62 -1.32 0.00	38.05 -1.42 0.00	43.27 -1.80 0.00	46.07 -1.77 0.00	54.31 -2.03 0.00	48.76 -1.77 0.00	42.97 -1.65 0.00	39.63 -1.52 0.00	36.23 -1.39 0.00	32.97 -1.37 0.00	30.71 -1.38 0.00
SITHE___MASSENA 23902	30.42 -0.53 0.00	28.37 -0.40 0.00	24.55 -0.40 0.00	23.69 -0.39 0.00	23.48 -0.36 0.00	24.78 -0.43 0.00	28.25 -0.37 0.00	30.08 -0.36 0.00	31.99 -0.42 0.00	33.90 -0.52 0.00	34.99 -0.53 0.00	35.70 -0.80 0.00	36.77 -0.86 0.00	38.01 -0.93 0.00	38.52 -0.95 0.00	43.95 -1.13 0.00	45.69 -2.15 0.00	53.62 -2.70 0.01	48.05 -2.47 0.01	42.79 -1.83 0.00	39.75 -1.40 0.00	36.79 -0.83 0.00	33.66 -0.69 0.00	31.45 -0.64 0.00
SITHE___OGDNSBRG 24021	30.48 -0.46 0.00	28.39 -0.37 0.00	24.55 -0.40 0.00	23.70 -0.39 0.00	23.51 -0.33 0.00	24.78 -0.43 0.00	28.34 -0.29 0.00	30.20 -0.24 0.00	32.06 -0.36 0.00	33.90 -0.52 0.00	34.96 -0.57 0.00	35.74 -0.77 0.00	36.77 -0.87 0.00	37.93 -1.01 0.00	38.44 -1.03 0.00	43.90 -1.17 0.00	45.40 -2.44 0.00	53.51 -2.82 0.01	48.05 -2.48 0.01	42.97 -1.65 0.00	39.92 -1.23 0.00	37.02 -0.60 0.00	33.80 -0.55 0.00	31.48 -0.61 0.00
SITHE___STERLING 23777	31.72 0.77 0.00	29.37 0.61 0.00	25.45 0.50 0.00	24.54 0.46 0.00	24.32 0.48 0.00	25.76 0.55 0.00	29.28 0.66 0.00	31.21 0.76 0.00	33.10 0.68 0.00	35.30 0.89 0.00	36.49 0.96 0.00	37.82 1.31 0.00	39.03 1.39 0.00	40.27 1.32 0.00	40.77 1.30 0.00	46.56 1.49 0.00	49.71 1.86 0.00	58.64 2.31 0.00	52.70 2.17 0.00	46.54 1.92 0.00	42.84 1.69 0.00	39.08 1.47 0.00	35.48 1.13 0.00	32.90 0.80 0.00
SLEIGHT___34_KV_TB1 80719	30.14 -0.80 0.00	27.85 -0.92 0.00	24.15 -0.80 0.00	23.29 -0.79 0.00	23.08 -0.76 0.00	24.61 -0.61 0.00	27.71 -0.92 0.00	29.44 -1.00 0.00	31.18 -1.23 0.00	33.72 -0.69 0.00	35.03 -0.50 0.00	36.29 -0.22 0.00	37.63 0.00 0.00	39.25 0.31 0.00	39.62 0.16 0.00	44.62 -0.45 0.00	47.61 -0.24 0.00	56.11 -0.23 0.00	50.38 -0.15 0.00	44.36 -0.27 0.00	40.91 -0.25 0.00	37.54 -0.08 0.00	33.86 -0.48 0.00	31.39 -0.71 0.00
SOUTH CAIRO___GT 23612	32.62 1.67 0.00	30.35 1.58 0.00	26.35 1.40 0.00	25.38 1.30 0.00	25.13 1.29 0.00	26.50 1.29 0.00	30.14 1.52 0.00	31.63 1.19 0.00	33.58 1.17 0.00	35.48 1.07 0.00	36.34 0.82 0.00	37.35 0.84 0.00	38.57 0.94 0.00	39.84 0.90 0.00	40.57 1.11 0.00	46.38 1.31 0.00	49.47 1.63 0.00	58.81 2.48 0.00	53.16 2.63 0.00	46.99 2.37 0.00	43.42 2.26 0.00	39.42 1.81 0.00	35.96 1.61 0.00	33.63 1.54 0.00
SOUTH HAMPTN___IC 23720	37.40 3.34 -3.11	36.21 3.11 -4.33	33.27 2.67 -5.65	30.48 2.65 -3.75	29.29 2.55 -2.90	30.71 2.75 -2.75	31.83 3.21 0.00	35.30 3.35 -1.51	36.73 3.76 -0.56	37.96 3.55 0.00	39.15 3.63 0.00	40.67 4.16 0.00	41.89 4.25 0.00	43.93 4.99 0.00	50.40 5.01 -5.92	51.04 5.95 -0.01	58.75 7.08 -3.82	70.43 8.17 -5.94	61.57 7.07 -3.96	50.11 5.49 0.00	45.93 4.77 0.00	42.21 4.59 0.00	37.92 3.57 0.00	35.81 3.72 0.00
SOUTHDOW___115KV_TB1 355954	32.09 1.14 0.00	29.46 0.69 0.00	25.58 0.62 0.00	24.56 0.48 0.00	24.22 0.38 0.00	26.04 0.83 0.00	29.23 0.60 0.00	31.36 0.91 0.00	33.23 0.81 0.00	36.17 1.75 0.00	38.09 2.56 0.00	39.39 2.88 0.00	41.17 3.54 0.00	42.84 3.89 -0.01	42.54 3.00 -0.07	47.49 2.39 -0.03	51.06 3.21 -0.01	60.06 3.72 -0.01	54.02 3.49 0.00	47.53 2.90 0.00	43.67 2.51 0.00	40.67 3.05 0.00	36.44 2.10 0.00	33.70 1.60 0.00
SOUTHOLD_69_KV_BK 2 55809	38.17 4.12 -3.11	36.81 3.71 -4.33	33.77 3.17 -5.65	30.91 3.08 -3.75	29.67 2.93 -2.90	31.14 3.18 -2.75	32.38 3.75 0.00	35.94 3.99 -1.51	37.51 4.54 -0.56	39.19 4.78 0.00	40.40 4.87 0.00	41.99 5.48 0.00	43.17 5.53 0.00	45.25 6.31 0.00	51.74 6.35 -5.92	52.57 7.48 -0.01	60.42 8.76 -3.82	72.47 10.20 -5.94	63.39 8.89 -3.96	51.54 6.92 0.00	47.20 6.05 0.00	42.96 5.34 0.00	38.40 4.05 0.00	36.33 4.24 0.00
SOUTHOLD___IC 23719	38.14 4.08 -3.11	36.81 3.71 -4.33	33.77 3.17 -5.65	30.89 3.06 -3.75	29.67 2.93 -2.90	31.14 3.18 -2.75	32.38 3.75 0.00	35.91 3.96 -1.51	37.48 4.50 -0.56	38.85 4.44 0.00	40.26 4.73 0.00	41.88 5.37 0.00	43.13 5.49 0.00	45.22 6.27 0.00	51.74 6.36 -5.92	52.52 7.44 -0.01	60.47 8.80 -3.82	72.47 10.20 -5.94	63.33 8.84 -3.96	51.54 6.92 0.00	47.21 6.05 0.00	43.38 5.76 0.00	38.78 4.43 0.00	36.62 4.53 0.00
SOUTH_FORK_WT_PWR 323839	38.20 4.15 -3.11	36.84 3.74 -4.33	33.80 3.19 -5.65	30.91 3.08 -3.75	29.65 2.91 -2.90	31.14 3.18 -2.75	32.38 3.75 0.00	35.91 3.96 -1.51	37.51 4.54 -0.56	38.95 4.54 0.00	40.36 4.83 0.00	42.06 5.55 0.00	43.28 5.64 0.00	45.37 6.42 0.00	51.86 6.47 -5.92	52.71 7.62 -0.01	60.61 8.94 -3.82	72.69 10.42 -5.94	63.49 8.99 -3.96	51.63 7.01 0.00	47.29 6.13 0.00	43.45 5.83 0.00	38.81 4.46 0.00	36.68 4.59 0.00
SPIERFLS_115KV_TB 1 80737	32.83 1.89 0.00	30.61 1.84 0.00	26.52 1.57 0.00	25.55 1.47 0.00	25.25 1.41 0.00	26.80 1.59 0.00	30.46 1.83 0.00	32.15 1.70 0.00	34.33 1.91 0.00	36.51 2.10 0.00	37.30 1.78 0.00	38.37 1.86 0.00	39.40 1.77 0.00	40.46 1.52 0.00	41.09 1.62 0.00	47.06 1.98 0.00	50.14 2.30 0.00	59.83 3.49 0.00	54.17 3.64 0.00	47.84 3.21 0.00	44.49 3.33 0.00	40.36 2.75 0.00	36.54 2.20 0.00	34.18 2.09 0.00
ST LAWRENCE____ 23600	30.26 -0.68 0.00	28.16 -0.61 0.00	24.40 -0.55 0.00	23.55 -0.53 0.00	23.34 -0.50 0.00	24.63 -0.58 0.00	28.05 -0.57 0.00	29.87 -0.58 0.00	31.80 -0.62 0.00	33.69 -0.72 0.00	34.78 -0.75 0.00	35.49 -1.02 0.00	36.58 -1.05 0.00	37.85 -1.09 0.00	38.32 -1.15 0.00	43.76 -1.31 0.00	45.98 -1.87 0.00	54.01 -2.31 0.01	48.45 -2.07 0.01	43.02 -1.60 0.00	39.80 -1.36 0.00	36.52 -1.09 0.00	33.45 -0.89 0.00	31.26 -0.83 0.00
STATE_CA_115KV_115_LB 55624	31.81 0.87 0.00	29.63 0.86 0.00	25.70 0.75 0.00	24.78 0.70 0.00	24.53 0.69 0.00	25.94 0.73 0.00	29.46 0.83 0.00	31.21 0.76 0.00	33.26 0.84 0.00	35.24 0.83 0.00	36.34 0.82 0.00	37.42 0.91 0.00	38.57 0.94 0.00	39.76 0.82 0.00	40.42 0.95 0.00	46.20 1.13 0.00	49.23 1.39 0.00	58.14 1.80 0.00	52.10 1.57 0.00	45.96 1.34 0.00	42.39 1.23 0.00	38.59 0.98 0.00	35.13 0.79 0.00	32.96 0.87 0.00
STATE_ST_34_KV_LOAD 55959	30.79 -0.15 0.00	28.57 -0.20 0.00	24.75 -0.20 0.00	23.89 -0.19 0.00	23.65 -0.19 0.00	25.11 -0.10 0.00	28.43 -0.20 0.00	30.23 -0.21 0.00	32.19 -0.23 0.00	34.48 0.07 0.00	35.70 0.18 0.00	36.95 0.44 0.00	38.24 0.60 0.00	39.68 0.74 0.00	40.02 0.55 0.00	45.48 0.41 0.00	48.42 0.57 0.00	57.18 0.85 0.00	51.39 0.86 0.00	45.30 0.67 0.00	41.69 0.54 0.00	38.07 0.45 0.00	34.52 0.17 0.00	32.06 -0.03 0.00

STATION 5_MISC_HYD 23604	30.58 -0.37 0.00	28.19 -0.58 0.00	24.50 -0.45 0.00	23.62 -0.46 0.00	23.39 -0.45 0.00	24.93 -0.28 0.00	28.00 -0.63 0.00	29.87 -0.58 0.00	31.51 -0.91 0.00	34.14 -0.28 0.00	35.56 0.04 0.00	37.17 0.66 0.00	38.23 0.60 0.00	39.84 0.90 0.00	40.17 0.71 0.01	45.25 0.18 0.00	48.18 0.34 0.00	56.67 0.34 0.00	51.04 0.51 0.00	44.85 0.22 0.00	41.44 0.29 0.00	38.07 0.45 0.00	34.24 -0.10 0.00	31.71 -0.38 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.73 -0.22 0.00	28.42 -0.35 0.00	24.65 -0.30 0.00	23.77 -0.31 0.00	23.55 -0.29 0.00	25.08 -0.13 0.00	28.28 -0.34 0.00	30.08 -0.37 0.00	32.80 0.39 0.00	35.51 1.10 0.00	36.88 1.35 0.00	38.30 1.79 0.00	39.74 2.11 0.00	41.47 2.53 0.00	41.84 2.37 0.00	47.24 2.16 0.00	48.61 0.77 0.00	57.35 1.01 0.00	51.54 1.01 0.00	45.38 0.76 0.00	41.85 0.70 0.00	38.33 0.71 0.00	34.59 0.24 0.00	32.06 -0.03 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.33 -0.62 0.00	27.99 -0.78 0.00	24.33 -0.62 0.00	23.43 -0.65 0.00	23.20 -0.64 0.00	24.73 -0.48 0.00	27.82 -0.80 0.00	29.53 -0.91 0.00	31.28 -1.13 0.00	33.90 -0.52 0.00	35.17 -0.36 0.00	36.47 -0.04 0.00	37.86 0.23 0.00	39.49 0.55 0.00	39.86 0.39 0.00	44.85 -0.23 0.00	47.75 -0.10 0.00	56.33 0.00 0.00	50.63 0.10 0.00	44.58 -0.04 0.00	41.15 0.00 0.00	37.77 0.15 0.00	34.07 -0.27 0.00	31.61 -0.48 0.00
STA_56____34_KV_BUS2 355983	30.33 -0.62 0.00	27.99 -0.78 0.00	24.33 -0.62 0.00	23.43 -0.65 0.00	23.20 -0.64 0.00	24.73 -0.48 0.00	27.82 -0.80 0.00	29.53 -0.91 0.00	31.28 -1.13 0.00	33.90 -0.52 0.00	35.17 -0.36 0.00	36.47 -0.04 0.00	37.86 0.23 0.00	39.49 0.55 0.00	39.86 0.39 0.00	44.85 -0.23 0.00	47.75 -0.10 0.00	56.33 0.00 0.00	50.63 0.10 0.00	44.58 -0.04 0.00	41.15 0.00 0.00	37.77 0.15 0.00	34.07 -0.27 0.00	31.61 -0.48 0.00
STA_67____115KV_BK2 355882	30.42 -0.53 0.00	28.08 -0.69 0.00	24.40 -0.55 0.00	23.50 -0.58 0.00	23.29 -0.55 0.00	24.83 -0.38 0.00	27.88 -0.74 0.00	29.56 -0.88 0.00	31.35 -1.07 0.00	33.93 -0.48 0.00	35.24 -0.28 0.00	36.54 0.04 0.00	37.93 0.72 0.00	39.56 0.62 0.00	39.90 0.43 0.01	44.89 -0.18 0.00	47.80 -0.05 0.00	56.39 0.06 0.00	50.68 0.15 0.00	44.63 0.00 0.00	41.20 0.04 0.00	37.88 0.26 0.00	34.14 -0.21 0.00	31.71 -0.39 0.00
STA_7____115KV_9TRANS 80674	30.67 -0.28 0.00	28.31 -0.46 0.00	24.58 -0.37 0.00	23.67 -0.41 0.00	23.43 -0.41 0.00	25.01 -0.20 0.00	28.08 -0.54 0.00	29.81 -0.64 0.00	31.60 -0.81 0.00	34.27 -0.14 0.00	35.60 0.07 0.00	36.91 0.40 0.00	38.35 0.72 0.00	39.99 1.05 0.00	40.37 0.91 0.01	45.39 0.32 0.00	48.32 0.48 0.00	56.95 0.62 0.00	51.24 0.71 0.00	45.07 0.45 0.00	41.65 0.49 0.00	38.26 0.64 0.00	34.48 0.14 0.00	31.97 -0.13 0.00
STA_82____115KV_TB1 80780	30.42 -0.53 0.00	28.11 -0.66 0.00	24.40 -0.55 0.00	23.50 -0.58 0.00	23.29 -0.55 0.00	24.83 -0.38 0.00	27.91 -0.72 0.00	29.59 -0.85 0.00	31.35 -1.07 0.00	33.96 -0.45 0.00	35.24 -0.28 0.00	36.58 0.07 0.00	37.93 0.30 0.00	39.56 0.62 0.00	39.94 0.47 0.00	44.89 -0.18 0.00	47.84 0.00 0.00	56.39 0.06 0.00	50.68 0.15 0.00	44.63 0.00 0.00	41.20 0.04 0.00	37.88 0.26 0.00	34.17 -0.17 0.00	31.71 -0.39 0.00
STEEL____WIND 323596	30.95 0.00 0.00	28.42 -0.34 0.00	24.75 -0.20 0.00	23.84 -0.24 0.00	23.58 -0.26 0.00	25.29 0.08 0.00	28.20 -0.43 0.00	30.05 -0.40 0.00	31.61 -0.81 0.00	34.48 0.07 0.00	36.28 0.75 0.00	38.01 1.50 0.00	39.22 1.58 0.00	40.86 1.91 -0.01	40.89 1.34 -0.08	45.34 0.23 -0.04	49.05 1.20 -0.01	57.47 1.13 -0.01	51.90 1.36 0.00	45.61 0.98 0.00	41.90 0.74 0.00	38.86 1.24 0.00	34.73 0.38 0.00	32.13 0.03 0.00
STEPHTWN_115KV_BK_2 55603	32.03 1.08 0.00	29.80 1.04 0.00	25.85 0.90 0.00	24.92 0.84 0.00	24.67 0.83 0.00	26.09 0.88 0.00	29.66 1.03 0.00	31.42 0.97 0.00	33.49 1.07 0.00	35.48 1.07 0.00	36.56 1.03 0.00	37.60 1.10 0.00	38.76 1.13 0.00	39.95 1.01 0.00	40.61 1.14 0.00	46.43 1.35 0.00	49.47 1.63 0.00	58.59 2.25 0.00	52.50 1.97 0.00	46.32 1.70 0.00	42.68 1.52 0.00	38.86 1.24 0.00	35.37 1.03 0.00	33.15 1.06 0.00
STEUBEN_REC_LFGE 323667	31.91 0.96 0.00	29.40 0.63 0.00	25.53 0.57 0.00	24.51 0.43 0.00	24.27 0.43 0.00	26.04 0.83 0.00	29.34 0.72 0.00	31.06 0.61 0.00	32.97 0.55 0.00	35.75 1.34 0.00	37.16 1.63 0.00	38.59 2.08 0.00	40.19 2.56 0.00	41.91 2.96 0.00	41.79 2.29 -0.03	47.03 1.94 -0.01	50.48 2.63 0.00	59.66 3.32 0.00	53.66 3.13 0.00	47.26 2.63 0.00	43.50 2.35 0.00	39.99 2.37 0.00	35.89 1.55 0.00	33.18 1.09 0.00
STILLWATER____SOLAR 323814	32.90 1.95 0.00	30.64 1.87 0.00	26.57 1.62 0.00	25.60 1.52 0.00	25.29 1.45 0.00	26.80 1.59 0.00	30.46 1.83 0.00	32.18 1.73 0.00	34.33 1.91 0.00	36.44 2.03 0.00	37.41 1.88 0.00	38.51 2.01 0.00	39.66 2.03 0.00	40.85 1.91 0.00	41.44 1.97 0.00	47.46 2.39 0.00	50.52 2.68 0.00	59.99 3.66 0.00	54.01 3.48 0.00	47.70 3.08 0.00	44.12 2.96 0.00	40.14 2.52 0.00	36.44 2.10 0.00	34.15 2.06 0.00
STONY____BROOK 24151	36.96 2.91 -3.11	35.83 2.73 -4.33	32.92 2.32 -5.65	30.12 2.29 -3.75	28.98 2.24 -2.90	30.33 2.37 -2.75	31.40 2.78 0.00	34.97 3.01 -1.51	36.31 3.34 -0.56	37.37 2.96 0.00	38.34 2.81 0.00	39.72 3.21 0.00	40.95 3.31 0.00	42.92 3.97 0.00	49.22 3.83 -5.92	49.73 4.64 -0.01	57.18 5.50 -3.84	68.63 6.36 -5.94	59.95 5.46 -3.96	48.82 4.19 0.00	44.98 3.83 0.00	41.35 3.72 0.00	37.37 3.02 0.00	35.33 3.24 0.00
STURGEON_POOL_HYD 23609	32.68 1.73 0.00	30.38 1.61 0.00	26.32 1.37 0.00	25.43 1.35 0.00	25.13 1.29 0.00	26.52 1.31 0.00	30.20 1.57 0.00	32.27 1.83 0.00	34.49 2.07 0.00	36.37 1.96 0.00	37.55 2.02 0.00	38.73 2.23 0.00	39.89 2.26 0.00	41.32 2.38 0.00	42.07 2.60 0.00	48.23 3.16 0.00	51.53 3.68 0.00	60.50 4.17 0.00	54.22 3.69 0.00	47.57 2.95 0.00	43.71 2.55 0.00	39.57 1.96 0.00	36.16 1.82 0.00	33.92 1.83 0.00
ST_LAW_115_BK7_LBMP 345037	30.20 -0.74 0.00	28.11 -0.66 0.00	24.35 -0.60 0.00	23.50 -0.58 0.00	23.29 -0.55 0.00	24.58 -0.63 0.00	28.00 -0.63 0.00	29.81 -0.64 0.00	31.73 -0.68 0.00	33.62 -0.79 0.00	34.71 -0.82 0.00	35.41 -1.09 0.00	36.47 -1.17 0.00	37.77 -1.17 0.00	38.24 -1.22 0.00	43.68 -1.40 0.00	45.79 -2.06 0.00	53.79 -2.53 0.01	48.25 -2.27 0.01	42.84 -1.79 0.00	39.67 -1.48 0.00	36.45 -1.17 0.00	33.38 -0.96 0.00	31.20 -0.90 0.00
ST_LAW_115_BK8_LBMP 345038	30.20 -0.74 0.00	28.11 -0.66 0.00	24.35 -0.60 0.00	23.50 -0.58 0.00	23.29 -0.55 0.00	24.58 -0.63 0.00	28.00 -0.63 0.00	29.81 -0.64 0.00	31.73 -0.68 0.00	33.62 -0.79 0.00	34.71 -0.82 0.00	35.41 -1.09 0.00	36.47 -1.17 0.00	37.77 -1.17 0.00	38.24 -1.22 0.00	43.68 -1.40 0.00	45.79 -2.06 0.00	53.79 -2.53 0.01	48.25 -2.27 0.01	42.84 -1.79 0.00	39.67 -1.48 0.00	36.45 -1.17 0.00	33.38 -0.96 0.00	31.20 -0.90 0.00

ST_LAW_230_BK5_LBMP 345035	30.26 -0.68 0.00	28.16 -0.61 0.00	24.40 -0.55 0.00	23.55 -0.53 0.00	23.34 -0.50 0.00	24.63 -0.58 0.00	28.05 -0.57 0.00	29.87 -0.58 0.00	31.80 -0.62 0.00	33.69 -0.72 0.00	34.78 -0.75 0.00	35.49 -1.02 0.00	36.58 -1.05 0.00	37.85 -1.09 0.00	38.32 -1.15 0.00	43.76 -1.31 0.00	45.98 -1.87 0.00	54.01 -2.31 0.01	48.45 -2.07 0.01	43.02 -1.60 0.00	39.80 -1.36 0.00	36.52 -1.09 0.00	33.45 -0.89 0.00	31.26 -0.83 0.00
ST_LAW_230_BK6_LBMP 345036	30.26 -0.68 0.00	28.16 -0.61 0.00	24.40 -0.55 0.00	23.55 -0.53 0.00	23.34 -0.50 0.00	24.63 -0.58 0.00	28.05 -0.57 0.00	29.87 -0.58 0.00	31.80 -0.62 0.00	33.69 -0.72 0.00	34.78 -0.75 0.00	35.49 -1.02 0.00	36.58 -1.05 0.00	37.85 -1.09 0.00	38.32 -1.15 0.00	43.76 -1.31 0.00	45.98 -1.87 0.00	54.01 -2.31 0.01	48.45 -2.07 0.01	43.02 -1.60 0.00	39.80 -1.36 0.00	36.52 -1.09 0.00	33.45 -0.89 0.00	31.26 -0.83 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.55 1.61 0.00	30.29 1.52 0.00	26.25 1.30 0.00	25.33 1.25 0.00	25.05 1.22 0.00	26.50 1.29 0.00	30.11 1.49 0.00	32.15 1.70 0.00	34.30 1.88 0.00	36.24 1.82 0.00	37.41 1.88 0.00	38.59 2.08 0.00	39.78 2.15 0.00	41.16 2.22 0.00	41.88 2.41 0.00	48.00 2.93 0.00	51.24 3.40 0.00	60.28 3.94 0.00	54.02 3.49 0.00	47.44 2.81 0.00	43.62 2.47 0.00	39.76 2.14 0.00	36.27 1.92 0.00	34.02 1.93 0.00
SWANROAD_115KV_TB1 355699	29.71 -1.24 0.00	27.36 -1.41 0.00	23.85 -1.10 0.00	22.92 -1.16 0.00	22.69 -1.14 0.00	24.30 -0.91 0.00	27.11 -1.52 0.00	28.47 -1.98 0.00	30.08 -2.33 0.00	32.83 -1.58 0.00	34.28 -1.24 0.00	35.60 -0.91 0.00	37.11 -0.53 0.00	38.79 -0.16 0.00	38.69 -0.79 -0.01	43.14 -1.94 -0.01	46.41 -1.44 0.00	54.65 -1.69 0.00	49.17 -1.36 0.00	43.33 -1.29 0.00	39.92 -1.23 0.00	37.09 -0.53 0.00	33.32 -1.03 0.00	31.07 -1.03 0.00
SYNERGY___BIOGAS 323694	31.10 0.16 0.00	28.60 -0.17 0.00	24.85 -0.10 0.00	23.94 -0.14 0.00	23.70 -0.14 0.00	25.39 0.18 0.00	28.37 -0.26 0.00	30.27 -0.18 0.00	31.77 -0.65 0.00	34.62 0.21 0.00	36.28 0.75 0.00	38.08 1.57 0.00	39.14 1.51 0.00	40.85 1.91 0.00	41.02 1.54 -0.01	45.76 0.68 0.00	49.05 1.20 0.00	57.69 1.35 0.00	52.15 1.62 0.00	45.83 1.21 0.00	42.35 1.19 0.00	39.09 1.47 0.00	34.93 0.58 0.00	32.26 0.16 0.00
SYRACUSE___ENERGY_ST1 323597	30.48 -0.46 0.00	28.25 -0.52 0.00	24.53 -0.42 0.00	23.67 -0.41 0.00	23.43 -0.41 0.00	24.83 -0.38 0.00	28.11 -0.52 0.00	29.90 -0.55 0.00	31.73 -0.68 0.00	33.96 -0.45 0.00	35.13 -0.39 0.00	36.33 -0.18 0.00	37.56 -0.08 0.00	38.98 0.04 0.00	39.39 -0.08 0.00	44.76 -0.32 0.00	47.70 -0.14 0.00	56.22 -0.11 0.00	50.48 -0.05 0.00	44.45 -0.18 0.00	40.95 -0.21 0.00	37.43 -0.19 0.00	34.04 -0.31 0.00	31.64 -0.45 0.00
SYRACUSE___ENERGY_ST2 323598	30.48 -0.46 0.00	28.25 -0.52 0.00	24.53 -0.42 0.00	23.67 -0.41 0.00	23.43 -0.41 0.00	24.83 -0.38 0.00	28.11 -0.52 0.00	29.90 -0.55 0.00	31.73 -0.68 0.00	33.96 -0.45 0.00	35.13 -0.39 0.00	36.33 -0.18 0.00	37.56 -0.08 0.00	38.98 0.04 0.00	39.39 -0.08 0.00	44.76 -0.32 0.00	47.70 -0.14 0.00	56.22 -0.11 0.00	50.48 -0.05 0.00	44.45 -0.18 0.00	40.95 -0.21 0.00	37.43 -0.19 0.00	34.04 -0.31 0.00	31.64 -0.45 0.00
SYRACUSE___POWER 24017	30.33 -0.62 0.00	28.11 -0.66 0.00	24.40 -0.55 0.00	23.55 -0.53 0.00	23.31 -0.52 0.00	24.73 -0.48 0.00	27.97 -0.66 0.00	29.75 -0.70 0.00	31.60 -0.81 0.00	33.86 -0.55 0.00	34.99 -0.53 0.00	36.14 -0.37 0.00	37.41 -0.23 0.00	38.83 -0.12 0.00	39.23 -0.24 0.00	44.58 -0.50 0.00	47.56 -0.29 0.00	56.05 -0.28 0.00	50.28 -0.25 0.00	44.31 -0.31 0.00	40.78 -0.37 0.00	37.28 -0.34 0.00	33.90 -0.45 0.00	31.52 -0.58 0.00
TALLMAN___138KV_BK151 55660	32.77 1.83 0.00	30.49 1.73 0.00	26.42 1.47 0.00	25.50 1.42 0.00	25.22 1.38 0.00	26.67 1.46 0.00	30.34 1.72 0.00	32.43 1.98 0.00	34.59 2.17 0.00	36.55 2.13 0.00	37.76 2.24 0.00	38.95 2.45 0.00	40.16 2.52 0.00	41.55 2.61 0.00	42.27 2.80 0.00	48.50 3.43 0.00	51.77 3.92 0.00	60.90 4.56 0.00	54.52 3.99 0.00	47.84 3.21 0.00	43.95 2.80 0.00	40.10 2.48 0.00	36.54 2.20 0.00	34.28 2.18 0.00
TEALLAVE_115KV_TB7 355573	30.30 -0.65 0.00	28.11 -0.66 0.00	24.40 -0.55 0.00	23.55 -0.53 0.00	23.31 -0.52 0.00	24.73 -0.48 0.00	27.97 -0.66 0.00	29.75 -0.70 0.00	31.60 -0.81 0.00	33.86 -0.55 0.00	34.99 -0.53 0.00	36.14 -0.37 0.00	37.37 -0.26 0.00	38.79 -0.16 0.00	39.19 -0.28 0.00	44.53 -0.54 0.00	47.51 -0.33 0.00	56.00 -0.34 0.00	50.23 -0.30 0.00	44.27 -0.36 0.00	40.74 -0.41 0.00	37.24 -0.38 0.00	33.90 -0.45 0.00	31.52 -0.58 0.00
TELGRAPH_34_KV_EAST 80808	30.42 -0.53 0.00	28.02 -0.75 0.00	24.38 -0.57 0.00	23.45 -0.63 0.00	23.22 -0.62 0.00	24.88 -0.33 0.00	27.77 -0.86 0.00	29.32 -1.13 0.00	30.99 -1.43 0.00	33.80 -0.62 0.00	35.28 -0.25 0.00	36.66 0.15 0.00	38.20 0.56 0.00	39.92 0.97 0.00	39.96 0.47 -0.02	44.59 -0.50 -0.01	47.80 -0.05 0.00	56.34 0.00 0.00	50.74 0.20 0.00	44.67 0.04 0.00	41.20 0.04 0.00	38.15 0.53 0.00	34.28 -0.07 0.00	31.87 -0.22 0.00
TEMPLE___115KV_TB 2 55572	30.33 -0.62 0.00	28.11 -0.66 0.00	24.40 -0.55 0.00	23.55 -0.53 0.00	23.34 -0.50 0.00	24.73 -0.48 0.00	28.00 -0.63 0.00	29.78 -0.67 0.00	31.64 -0.78 0.00	33.86 -0.55 0.00	35.03 -0.50 0.00	36.18 -0.33 0.00	37.41 -0.23 0.00	38.83 -0.12 0.00	39.23 -0.24 0.00	44.58 -0.50 0.00	47.56 -0.29 0.00	56.05 -0.28 0.00	50.28 -0.25 0.00	44.27 -0.36 0.00	40.78 -0.37 0.00	37.28 -0.34 0.00	33.93 -0.41 0.00	31.55 -0.55 0.00
TIANA___69_KV_BK 1 55817	37.24 3.19 -3.11	36.09 2.99 -4.33	33.17 2.57 -5.65	30.38 2.55 -3.75	29.22 2.48 -2.90	30.61 2.65 -2.75	31.75 3.12 0.00	35.21 3.26 -1.51	36.60 3.63 -0.56	38.06 3.65 0.00	39.05 3.52 0.00	40.49 3.98 0.00	41.66 4.03 0.00	43.66 4.71 0.00	50.12 4.74 -5.92	50.72 5.63 -0.01	58.36 6.70 -3.82	70.04 7.77 -5.94	61.21 6.72 -3.96	49.80 5.18 0.00	45.68 4.53 0.00	41.53 3.91 0.00	37.37 3.02 0.00	35.37 3.27 0.00
TILDEN___115KV_TB1 80814	30.33 -0.62 0.00	28.11 -0.66 0.00	24.40 -0.55 0.00	23.55 -0.53 0.00	23.31 -0.52 0.00	24.73 -0.48 0.00	27.97 -0.66 0.00	29.75 -0.70 0.00	31.60 -0.81 0.00	33.86 -0.55 0.00	34.99 -0.53 0.00	36.14 -0.37 0.00	37.41 -0.23 0.00	38.83 -0.12 0.00	39.23 -0.24 0.00	44.58 -0.50 0.00	47.56 -0.29 0.00	56.05 -0.28 0.00	50.28 -0.25 0.00	44.31 -0.31 0.00	40.78 -0.37 0.00	37.28 -0.34 0.00	33.90 -0.45 0.00	31.52 -0.58 0.00
TRIGEN___CC 323695	36.59 2.54 -3.11	35.49 2.39 -4.33	32.60 2.00 -5.65	29.78 1.95 -3.75	28.62 1.88 -2.90	29.95 1.99 -2.75	30.97 2.35 0.00	34.69 2.74 -1.51	35.99 3.01 -0.56	37.27 2.86 0.00	38.37 2.84 0.00	39.68 3.18 0.00	40.76 3.12 0.00	42.56 3.62 0.00	49.14 3.75 -5.92	49.59 4.51 -0.01	57.83 5.12 -4.86	68.18 5.92 -5.94	59.70 5.20 -3.96	48.69 4.06 0.00	44.61 3.46 0.00	40.70 3.08 0.00	36.99 2.64 0.00	34.85 2.76 0.00

TRINITY__115KV__4 BK 55933	31.66 0.71 0.00	29.49 0.72 0.00	25.60 0.65 0.00	24.68 0.60 0.00	24.43 0.60 0.00	25.82 0.61 0.00	29.31 0.69 0.00	31.09 0.64 0.00	33.10 0.68 0.00	35.07 0.65 0.00	36.13 0.60 0.00	37.20 0.69 0.00	38.31 0.68 0.00	39.53 0.58 0.00	40.18 0.71 0.00	45.93 0.86 0.00	48.90 1.05 0.00	57.74 1.41 0.00	51.79 1.26 0.00	45.70 1.07 0.00	42.10 0.95 0.00	38.37 0.75 0.00	34.96 0.62 0.00	32.80 0.71 0.00
UNION__PROCESSING_DRP 323587	30.45 -0.50 0.00	28.11 -0.66 0.00	24.43 -0.52 0.00	23.53 -0.55 0.00	23.29 -0.55 0.00	24.83 -0.38 0.00	27.91 -0.72 0.00	29.59 -0.85 0.00	31.35 -1.07 0.00	33.96 -0.45 0.00	35.28 -0.25 0.00	36.58 0.07 0.00	37.97 0.34 0.00	39.60 0.66 0.00	39.94 0.47 0.00	44.94 -0.14 0.00	47.84 0.00 0.00	56.45 0.11 0.00	50.68 0.15 0.00	44.67 0.04 0.00	41.24 0.08 0.00	37.92 0.30 0.00	34.17 -0.17 0.00	31.71 -0.39 0.00
UPPER HUDSON__HYD 24058	32.83 1.89 0.00	30.61 1.84 0.00	26.53 1.57 0.00	25.55 1.47 0.00	25.25 1.41 0.00	26.77 1.56 0.00	30.46 1.83 0.00	32.12 1.67 0.00	34.29 1.88 0.00	36.51 2.10 0.00	37.27 1.74 0.00	38.33 1.82 0.00	39.40 1.77 0.00	40.46 1.52 0.00	41.05 1.58 0.00	47.05 1.98 0.00	50.09 2.25 0.00	59.83 3.49 0.00	54.12 3.59 0.00	47.84 3.21 0.00	44.45 3.29 0.00	40.33 2.71 0.00	36.51 2.17 0.00	34.18 2.08 0.00
UPPER RAQUET__HYD 24056	29.68 -1.27 0.00	27.65 -1.12 0.00	23.93 -1.02 0.00	23.09 -0.99 0.00	22.88 -0.95 0.00	24.15 -1.06 0.00	27.62 -1.00 0.00	29.44 -1.00 0.00	31.28 -1.14 0.00	33.14 -1.27 0.00	34.14 -1.39 0.00	34.87 -1.64 0.00	35.90 -1.73 0.00	37.03 -1.91 0.00	37.53 -1.93 0.00	42.87 -2.21 0.00	44.35 -3.49 0.00	52.10 -4.23 0.01	46.73 -3.79 0.01	41.73 -2.90 0.00	38.81 -2.34 0.00	36.00 -1.62 0.00	32.87 -1.48 0.00	30.65 -1.44 0.00
VALLEY44_115KV_TB2 355964	30.76 -0.19 0.00	28.31 -0.46 0.00	24.60 -0.35 0.00	23.67 -0.41 0.00	23.43 -0.41 0.00	25.19 -0.03 0.00	28.14 -0.49 0.00	29.93 -0.52 0.00	31.74 -0.68 0.00	34.45 0.03 0.00	36.13 0.60 0.00	37.50 0.99 0.00	39.10 1.47 0.00	40.47 1.52 -0.01	39.95 0.43 -0.05	45.05 -0.05 -0.02	48.57 0.72 -0.01	57.47 1.13 -0.01	51.75 1.21 0.00	45.57 0.94 0.00	41.81 0.66 0.00	38.67 1.05 0.00	34.93 0.58 0.00	32.29 0.19 0.00
VALLEY__115KV_TB 1-4 80826	31.41 0.46 0.00	29.17 0.40 0.00	25.28 0.32 0.00	24.37 0.29 0.00	24.13 0.29 0.00	25.51 0.30 0.00	29.00 0.37 0.00	30.87 0.43 0.00	32.87 0.45 0.00	34.96 0.55 0.00	36.13 0.60 0.00	37.27 0.77 0.00	38.39 0.75 0.00	39.68 0.74 0.00	40.18 0.71 0.00	45.88 0.81 0.00	48.85 1.00 0.00	57.57 1.24 0.00	51.64 1.11 0.00	45.52 0.89 0.00	41.89 0.74 0.00	38.29 0.68 0.00	34.89 0.55 0.00	32.54 0.45 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.34 1.39 0.00	30.00 1.24 0.00	26.00 1.05 0.00	25.07 0.99 0.00	24.82 0.98 0.00	26.29 1.08 0.00	29.89 1.26 0.00	31.82 1.37 0.00	33.81 1.39 0.00	35.99 1.58 0.00	37.23 1.71 0.00	38.55 2.04 0.00	39.78 2.15 0.00	41.08 2.14 0.00	41.64 2.17 0.00	47.60 2.52 0.00	50.81 2.97 0.00	59.83 3.49 0.00	53.71 3.18 0.00	47.39 2.77 0.00	43.62 2.47 0.00	39.80 2.18 0.00	36.16 1.82 0.00	33.60 1.51 0.00
VISCHER__FERRY HYD 24020	32.31 1.36 0.00	30.06 1.30 0.00	26.13 1.17 0.00	25.19 1.11 0.00	24.91 1.07 0.00	26.35 1.14 0.00	29.92 1.29 0.00	31.63 1.19 0.00	33.74 1.33 0.00	35.72 1.31 0.00	36.77 1.24 0.00	37.86 1.35 0.00	38.99 1.35 0.00	40.23 1.28 0.00	40.81 1.34 0.00	46.65 1.58 0.00	49.71 1.86 0.00	58.70 2.37 0.00	52.70 2.17 0.00	46.54 1.92 0.00	42.96 1.81 0.00	39.12 1.51 0.00	35.68 1.34 0.00	33.50 1.41 0.00
V_A_10_SYNC_DSASP 323832	30.02 -0.93 0.00	27.65 -1.12 0.00	24.10 -0.85 0.00	23.21 -0.87 0.00	22.98 -0.86 0.00	24.56 -0.66 0.00	27.45 -1.17 0.00	29.14 -1.31 0.00	30.63 -1.78 0.00	33.31 -1.10 0.00	34.85 -0.68 0.00	36.51 0.00 0.00	37.52 -0.11 0.00	39.10 0.16 0.00	39.29 -0.16 0.02	44.03 -1.03 0.01	47.17 -0.67 0.00	55.37 -0.96 0.00	49.93 -0.60 0.00	43.87 -0.76 0.00	40.45 -0.70 0.00	37.39 -0.22 0.00	33.59 -0.76 0.00	31.13 -0.96 0.00
V_CMM_10_SYNC_DSASP 323787	30.33 -0.62 0.00	28.25 -0.52 0.00	24.48 -0.47 0.00	23.62 -0.46 0.00	23.41 -0.43 0.00	24.71 -0.50 0.00	28.14 -0.49 0.00	29.96 -0.49 0.00	31.90 -0.52 0.00	33.79 -0.62 0.00	34.85 -0.68 0.00	35.60 -0.91 0.00	36.66 -0.98 0.00	37.93 -1.01 0.00	38.44 -1.03 0.00	43.86 -1.21 0.00	45.98 -1.87 0.00	54.01 -2.31 0.01	48.40 -2.12 0.01	43.02 -1.60 0.00	39.88 -1.28 0.00	36.64 -0.98 0.00	33.56 -0.79 0.00	31.36 -0.74 0.00
V_CMP_10_SYNC_DSASP 323788	31.78 0.84 0.00	29.63 0.86 0.00	25.68 0.72 0.00	24.78 0.70 0.00	24.60 0.76 0.00	25.94 0.73 0.00	29.69 1.06 0.00	31.67 1.22 0.00	33.71 1.30 0.00	35.69 1.27 0.00	36.88 1.35 0.00	37.68 1.17 0.00	38.80 1.17 0.00	40.30 1.36 0.00	40.81 1.34 0.00	46.42 1.35 0.00	47.13 -0.72 0.00	54.52 -1.80 0.01	48.75 -1.77 0.01	44.40 -0.22 0.00	42.10 0.95 0.00	38.52 0.90 0.00	35.00 0.65 0.00	32.64 0.55 0.00
V_D_10_SYNC_DSASP 323841	30.45 -0.50 0.00	28.37 -0.40 0.00	24.55 -0.40 0.00	23.72 -0.36 0.00	23.51 -0.33 0.00	24.78 -0.43 0.00	28.25 -0.37 0.00	30.08 -0.36 0.00	32.03 -0.39 0.00	33.93 -0.48 0.00	34.99 -0.53 0.00	35.70 -0.80 0.00	36.77 -0.86 0.00	38.05 -0.89 0.00	38.52 -0.95 0.00	43.95 -1.13 0.00	45.74 -2.10 0.00	53.68 -2.65 0.01	48.10 -2.42 0.01	42.84 -1.79 0.00	39.75 -1.40 0.00	36.79 -0.83 0.00	33.66 -0.69 0.00	31.48 -0.61 0.00
V_E_10_SYNC_DSASP 323830	34.78 3.84 0.00	32.02 3.25 0.00	27.62 2.67 0.00	26.51 2.43 0.00	26.29 2.46 0.00	27.96 2.75 0.00	31.92 3.29 0.00	34.01 3.56 0.00	35.66 3.24 0.00	38.10 3.68 0.00	39.43 3.91 0.00	41.25 4.74 0.00	42.49 4.86 0.00	43.73 4.79 0.00	42.95 3.47 0.00	49.00 3.92 0.00	52.58 4.74 0.00	62.25 5.91 0.00	56.14 5.61 0.00	49.62 5.00 0.00	45.68 4.53 0.00	41.60 3.99 0.00	37.47 3.12 0.00	34.41 2.31 0.00
V_F_30_SYNC_DSASP 323816	32.96 2.01 0.00	30.72 1.96 0.00	26.62 1.67 0.00	25.64 1.56 0.00	25.34 1.50 0.00	26.87 1.66 0.00	30.51 1.89 0.00	32.24 1.80 0.00	34.39 1.98 0.00	36.55 2.13 0.00	37.51 1.99 0.00	38.62 2.12 0.00	39.78 2.14 0.00	40.97 2.02 0.00	41.56 2.09 0.00	47.60 2.52 0.00	50.67 2.82 0.00	60.22 3.88 0.00	54.17 3.64 0.00	47.84 3.21 0.00	44.24 3.09 0.00	40.25 2.63 0.00	36.54 2.20 0.00	34.24 2.15 0.00
V_F_30_SYNC_DSASP 323786	31.81 0.87 0.00	29.63 0.86 0.00	25.70 0.75 0.00	24.78 0.70 0.00	24.53 0.69 0.00	25.92 0.71 0.00	29.46 0.83 0.00	31.21 0.76 0.00	33.26 0.84 0.00	35.24 0.83 0.00	36.34 0.82 0.00	37.42 0.91 0.00	38.57 0.94 0.00	39.76 0.82 0.00	40.42 0.95 0.00	46.20 1.13 0.00	49.18 1.34 0.00	58.14 1.80 0.00	52.10 1.57 0.00	45.96 1.34 0.00	42.39 1.23 0.00	38.59 0.98 0.00	35.13 0.79 0.00	32.96 0.87 0.00

V_XM10_SYNC_DSASP 323789	31.78 0.84 0.00	29.63 0.86 0.00	25.68 0.72 0.00	24.78 0.70 0.00	24.60 0.76 0.00	25.94 0.73 0.00	29.69 1.06 0.00	31.67 1.22 0.00	33.71 1.30 0.00	35.69 1.27 0.00	36.88 1.35 0.00	37.68 1.17 0.00	38.80 1.17 0.00	40.30 1.36 0.00	40.81 1.34 0.00	46.42 1.35 0.00	47.13 -0.72 0.00	54.52 -1.80 0.01	48.75 -1.77 0.01	44.40 -0.22 0.00	42.10 0.95 0.00	38.52 0.90 0.00	35.00 0.65 0.00	32.64 0.55 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.86 1.92 0.00	30.58 1.81 0.00	26.50 1.55 0.00	25.57 1.49 0.00	25.29 1.45 0.00	26.75 1.54 0.00	30.43 1.80 0.00	32.49 2.04 0.00	34.68 2.27 0.00	36.65 2.24 0.00	37.83 2.31 0.00	39.03 2.52 0.00	40.23 2.60 0.00	41.67 2.73 0.00	42.39 2.92 0.00	48.63 3.56 0.00	51.91 4.07 0.00	61.07 4.73 0.00	54.67 4.14 0.00	47.97 3.35 0.00	44.08 2.92 0.00	40.17 2.56 0.00	36.65 2.30 0.00	34.34 2.25 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.24 2.29 0.00	30.93 2.16 0.00	26.70 1.75 0.00	25.81 1.73 0.00	25.51 1.67 0.00	26.98 1.76 0.00	30.77 2.15 0.00	33.00 2.56 0.00	35.24 2.82 0.00	37.20 2.79 0.00	38.40 2.88 0.00	39.61 3.10 0.00	40.80 3.16 0.00	42.25 3.31 0.00	42.94 3.47 0.00	49.31 4.24 0.00	52.63 4.78 0.00	61.80 5.46 0.00	55.28 4.75 0.00	48.46 3.84 0.00	44.57 3.42 0.00	40.70 3.08 0.00	37.06 2.71 0.00	34.79 2.70 0.00
W50THST__13_KV_LOAD 356117	33.42 2.48 0.00	31.07 2.30 0.00	26.85 1.90 0.00	25.93 1.85 0.00	25.65 1.81 0.00	27.13 1.92 0.00	30.97 2.35 0.00	33.25 2.80 0.00	35.49 3.08 0.00	37.51 3.10 0.00	38.72 3.20 0.00	39.94 3.43 0.00	41.13 3.50 0.00	42.60 3.66 0.00	43.30 3.83 0.00	49.72 4.64 0.00	53.06 5.22 0.00	62.31 5.97 0.00	55.74 5.20 0.00	48.82 4.19 0.00	44.86 3.70 0.00	40.96 3.35 0.00	37.30 2.95 0.00	35.01 2.92 0.00
WADING RIVER_IC_1 23522	36.68 2.63 -3.11	35.63 2.53 -4.33	32.80 2.20 -5.65	30.05 2.21 -3.75	28.91 2.17 -2.90	30.28 2.32 -2.75	31.35 2.72 0.00	34.66 2.71 -1.51	35.99 3.02 -0.56	37.03 2.61 0.00	38.09 2.56 0.00	39.51 2.99 0.00	40.68 3.05 0.00	42.65 3.70 0.00	49.14 3.75 -5.92	49.64 4.55 -0.01	57.12 5.45 -3.82	68.58 6.31 -5.94	59.90 5.41 -3.96	48.78 4.15 0.00	44.78 3.62 0.00	41.16 3.53 0.00	37.09 2.75 0.00	35.08 2.99 0.00
WADING RIVER_IC_2 23547	36.68 2.63 -3.11	35.63 2.53 -4.33	32.80 2.20 -5.65	30.05 2.21 -3.75	28.91 2.17 -2.90	30.28 2.32 -2.75	31.35 2.72 0.00	34.66 2.71 -1.51	35.99 3.02 -0.56	37.03 2.61 0.00	38.09 2.56 0.00	39.51 2.99 0.00	40.68 3.05 0.00	42.65 3.70 0.00	49.14 3.75 -5.92	49.64 4.55 -0.01	57.12 5.45 -3.82	68.58 6.31 -5.94	59.90 5.41 -3.96	48.78 4.15 0.00	44.78 3.62 0.00	41.16 3.53 0.00	37.09 2.75 0.00	35.08 2.99 0.00
WADING RIVER_IC_3 23601	36.68 2.63 -3.11	35.63 2.53 -4.33	32.80 2.20 -5.65	30.05 2.21 -3.75	28.91 2.17 -2.90	30.28 2.32 -2.75	31.35 2.72 0.00	34.66 2.71 -1.51	35.99 3.02 -0.56	37.03 2.61 0.00	38.09 2.56 0.00	39.51 2.99 0.00	40.68 3.05 0.00	42.65 3.70 0.00	49.14 3.75 -5.92	49.64 4.55 -0.01	57.12 5.45 -3.82	68.58 6.31 -5.94	59.90 5.41 -3.96	48.78 4.15 0.00	44.78 3.62 0.00	41.16 3.53 0.00	37.09 2.75 0.00	35.08 2.99 0.00
WALDENNY_12_KV_BK2 80841	30.82 -0.12 0.00	28.34 -0.43 0.00	24.68 -0.27 0.00	23.72 -0.36 0.00	23.48 -0.36 0.00	25.19 -0.03 0.00	28.11 -0.52 0.00	29.72 -0.73 0.00	31.48 -0.94 0.00	34.35 -0.07 0.00	35.96 0.43 0.00	37.35 0.84 0.00	38.99 1.35 0.00	40.74 1.79 -0.01	40.61 1.07 -0.07	45.33 0.23 -0.03	48.71 0.86 -0.01	57.36 1.01 -0.01	51.59 1.06 0.00	45.39 0.76 0.00	41.73 0.58 0.00	38.71 1.09 0.00	34.69 0.34 0.00	32.25 0.16 0.00
WALDEN__HYDRO 24148	32.71 1.76 0.00	30.44 1.67 0.00	26.37 1.42 0.00	25.45 1.37 0.00	25.17 1.33 0.00	26.57 1.36 0.00	30.26 1.63 0.00	32.24 1.80 0.00	34.43 2.01 0.00	36.37 1.96 0.00	37.51 1.99 0.00	38.70 2.19 0.00	39.89 2.26 0.00	41.28 2.34 0.00	42.03 2.57 0.00	48.18 3.11 0.00	51.48 3.64 0.00	60.56 4.23 0.00	54.27 3.74 0.00	47.66 3.03 0.00	43.83 2.68 0.00	39.91 2.29 0.00	36.41 2.06 0.00	34.15 2.05 0.00
WARRENSBURG____ 23737	32.83 1.89 0.00	30.61 1.84 0.00	26.53 1.57 0.00	25.55 1.47 0.00	25.25 1.41 0.00	26.77 1.56 0.00	30.46 1.83 0.00	32.12 1.67 0.00	34.29 1.88 0.00	36.51 2.10 0.00	37.27 1.74 0.00	38.33 1.82 0.00	39.40 1.77 0.00	40.46 1.52 0.00	41.05 1.58 0.00	47.05 1.98 0.00	50.09 2.25 0.00	59.83 3.49 0.00	54.12 3.59 0.00	47.84 3.21 0.00	44.45 3.29 0.00	40.33 2.71 0.00	36.51 2.17 0.00	34.18 2.08 0.00
WATERSIDE____6 8 9 23538	33.33 2.38 0.00	31.01 2.24 0.00	26.77 1.82 0.00	25.89 1.81 0.00	25.58 1.74 0.00	27.00 1.79 0.00	30.83 2.20 0.00	33.06 2.62 0.00	35.27 2.85 0.00	37.16 2.75 0.00	38.37 2.84 0.00	39.57 3.07 0.00	40.72 3.09 0.00	42.06 3.12 0.00	42.70 3.24 0.00	48.95 3.88 0.00	52.25 4.40 0.00	61.46 5.13 0.00	54.93 4.40 0.00	48.20 3.57 0.00	44.36 3.21 0.00	40.51 2.90 0.00	37.13 2.78 0.00	34.76 2.66 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.29 0.34 0.00	29.06 0.29 0.00	25.20 0.25 0.00	24.30 0.22 0.00	24.05 0.21 0.00	25.46 0.25 0.00	28.91 0.29 0.00	30.75 0.30 0.00	32.74 0.32 0.00	34.76 0.34 0.00	35.92 0.39 0.00	37.02 0.51 0.00	38.12 0.49 0.00	39.45 0.51 0.00	39.98 0.51 0.00	45.66 0.59 0.00	48.61 0.77 0.00	57.29 0.96 0.00	51.39 0.86 0.00	45.34 0.71 0.00	41.77 0.62 0.00	38.14 0.53 0.00	34.76 0.41 0.00	32.45 0.35 0.00
WATSON__69_KV_BK 1 55734	37.43 3.37 -3.11	36.26 3.16 -4.33	33.27 2.67 -5.65	30.43 2.60 -3.75	29.29 2.55 -2.90	30.66 2.70 -2.75	31.75 3.12 0.00	35.43 3.47 -1.51	36.77 3.79 -0.56	38.13 3.72 0.00	39.06 3.52 -0.02	40.50 3.98 -0.02	41.64 3.99 -0.02	43.59 4.63 -0.02	50.05 4.66 -5.92	50.63 5.54 -0.01	58.22 6.46 -3.92	69.65 7.38 -5.94	60.96 6.47 -3.96	49.80 5.18 0.00	45.68 4.53 0.00	41.66 4.03 -0.02	37.54 3.19 0.00	35.50 3.40 0.00
WDELAWARE__HYD 323627	31.91 0.96 0.00	29.66 0.89 0.00	25.70 0.75 0.00	24.78 0.70 0.00	24.51 0.67 0.00	25.87 0.65 0.00	29.46 0.83 0.00	31.36 0.91 0.00	33.48 1.07 0.00	35.37 0.96 0.00	36.45 0.92 0.00	37.53 1.02 0.00	38.76 1.13 0.00	40.15 1.21 0.00	40.85 1.38 0.00	46.97 1.89 0.00	50.19 2.34 0.00	59.04 2.70 0.00	53.01 2.48 0.00	46.59 1.96 0.00	42.80 1.65 0.00	38.90 1.28 0.00	35.55 1.20 0.00	33.25 1.15 0.00
WEST BABYLON__IC 23714	37.27 3.22 -3.11	36.12 3.02 -4.33	33.15 2.55 -5.65	30.31 2.48 -3.75	29.15 2.41 -2.90	30.45 2.50 -2.75	31.52 2.89 0.00	35.21 3.26 -1.51	36.54 3.57 -0.56	37.89 3.48 0.00	38.84 3.30 -0.01	40.28 3.76 -0.01	41.37 3.73 -0.01	43.31 4.36 -0.01	49.77 4.38 -5.92	50.36 5.27 -0.01	58.07 6.12 -4.10	69.25 6.99 -5.94	60.61 6.11 -3.96	49.53 4.91 0.00	45.39 4.24 0.00	41.46 3.84 -0.01	37.37 3.02 0.00	35.40 3.31 0.00

WEST CANADA___HYD 24049	31.10 0.16 0.00	28.91 0.14 0.00	25.08 0.13 0.00	24.20 0.12 0.00	23.96 0.12 0.00	25.34 0.13 0.00	28.74 0.11 0.00	30.57 0.12 0.00	32.55 0.13 0.00	34.55 0.14 0.00	35.67 0.14 0.00	36.73 0.22 0.00	37.86 0.23 0.00	39.18 0.24 0.00	39.71 0.24 0.00	45.35 0.27 0.00	48.23 0.38 0.00	56.84 0.51 0.00	50.98 0.45 0.00	44.98 0.36 0.00	41.44 0.29 0.00	37.88 0.27 0.00	34.52 0.17 0.00	32.26 0.16 0.00
WESTERN_NY_WIND 24143	30.88 -0.06 0.00	28.42 -0.35 0.00	24.70 -0.25 0.00	23.77 -0.31 0.00	23.55 -0.29 0.00	25.24 0.03 0.00	28.23 -0.40 0.00	29.87 -0.58 0.00	31.54 -0.88 0.00	34.38 -0.03 0.00	35.85 0.32 0.00	37.24 0.73 0.00	38.80 1.17 0.00	40.54 1.60 0.00	40.63 1.14 -0.01	45.40 0.32 -0.01	48.57 0.72 0.00	57.35 1.01 0.00	51.65 1.11 0.00	45.48 0.85 0.00	42.02 0.86 0.00	38.82 1.20 0.00	34.86 0.52 0.00	32.32 0.22 0.00
WESTOVER___LESR 323668	31.16 0.22 0.00	28.88 0.12 0.00	25.05 0.10 0.00	24.15 0.07 0.00	23.91 0.07 0.00	25.44 0.23 0.00	28.74 0.11 0.00	30.57 0.12 0.00	32.48 0.06 0.00	34.79 0.38 0.00	36.09 0.57 0.00	37.35 0.84 0.00	38.69 1.05 0.00	40.15 1.21 0.00	40.42 0.95 -0.01	45.93 0.86 0.00	49.09 1.24 0.00	57.91 1.58 0.00	52.00 1.47 0.00	45.83 1.20 0.00	42.18 1.03 0.00	38.63 1.02 0.00	35.03 0.69 0.00	32.51 0.42 0.00
WETHRSFD_WT_PWR 323626	30.91 -0.03 0.00	28.45 -0.32 0.00	24.75 -0.20 0.00	23.84 -0.24 0.00	23.58 -0.26 0.00	25.26 0.05 0.00	28.25 -0.37 0.00	30.08 -0.36 0.00	31.70 -0.71 0.00	34.45 0.03 0.00	36.09 0.57 0.00	37.79 1.28 0.00	38.99 1.35 0.00	40.58 1.64 0.00	40.67 1.15 -0.05	45.28 0.18 -0.02	48.86 1.01 0.00	57.41 1.07 0.00	51.80 1.26 0.00	45.52 0.89 0.00	41.90 0.74 0.00	38.71 1.09 0.00	34.69 0.34 0.00	32.06 -0.03 0.00
WHAVSTOR_138KV_BK127 55557	32.71 1.76 0.00	30.47 1.70 0.00	26.40 1.45 0.00	25.50 1.42 0.00	25.20 1.36 0.00	26.65 1.44 0.00	30.31 1.69 0.00	32.39 1.95 0.00	34.55 2.14 0.00	36.48 2.06 0.00	37.66 2.13 0.00	38.88 2.37 0.00	40.04 2.41 0.00	41.47 2.53 0.00	42.15 2.68 0.00	48.36 3.29 0.00	51.67 3.83 0.00	60.73 4.39 0.00	54.37 3.84 0.00	47.75 3.12 0.00	43.87 2.72 0.00	40.02 2.41 0.00	36.47 2.13 0.00	34.21 2.12 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.71 1.76 0.00	30.47 1.70 0.00	26.40 1.45 0.00	25.50 1.42 0.00	25.20 1.36 0.00	26.65 1.44 0.00	30.31 1.69 0.00	32.39 1.95 0.00	34.55 2.14 0.00	36.48 2.06 0.00	37.66 2.13 0.00	38.88 2.37 0.00	40.04 2.41 0.00	41.47 2.53 0.00	42.15 2.68 0.00	48.36 3.29 0.00	51.67 3.83 0.00	60.73 4.39 0.00	54.37 3.84 0.00	47.75 3.12 0.00	43.87 2.72 0.00	40.02 2.41 0.00	36.47 2.13 0.00	34.21 2.12 0.00
WHITEHAL_115KV_TB1 80871	33.70 2.75 0.00	31.44 2.68 0.00	27.20 2.25 0.00	26.18 2.10 0.00	25.84 2.00 0.00	27.50 2.29 0.00	31.29 2.66 0.00	32.94 2.50 0.00	35.17 2.76 0.00	37.44 3.03 0.00	38.30 2.77 0.00	39.39 2.88 0.00	40.49 2.86 0.00	41.59 2.65 0.00	42.19 2.72 0.00	48.36 3.29 0.00	51.53 3.68 0.00	61.80 5.46 0.00	55.89 5.36 0.00	49.45 4.82 0.00	45.89 4.73 0.00	41.60 3.99 0.00	37.54 3.19 0.00	35.08 2.98 0.00
WHITEPLN_13_KV_LOAD 356215	33.42 2.48 0.00	31.04 2.27 0.00	26.85 1.90 0.00	25.91 1.83 0.00	25.63 1.79 0.00	27.10 1.89 0.00	30.92 2.29 0.00	33.16 2.71 0.00	35.40 2.98 0.00	37.41 2.99 0.00	38.62 3.09 0.00	39.87 3.36 0.00	41.10 3.46 0.00	42.60 3.66 0.00	43.30 3.83 0.00	49.72 4.64 0.00	53.16 5.31 0.00	62.53 6.20 0.00	55.94 5.41 0.00	49.04 4.42 0.00	44.98 3.83 0.00	40.96 3.35 0.00	37.26 2.92 0.00	34.92 2.82 0.00
WM_FLOYD_69_KV_BK2 356380	36.96 2.91 -3.11	35.86 2.76 -4.33	32.95 2.35 -5.65	30.19 2.36 -3.75	29.03 2.29 -2.90	30.40 2.45 -2.75	31.49 2.86 0.00	35.00 3.04 -1.51	36.28 3.31 -0.56	37.65 3.23 0.00	38.51 2.98 0.00	39.91 3.40 0.00	41.03 3.39 0.00	42.96 4.01 0.00	49.45 4.07 -5.92	49.95 4.87 -0.01	57.46 5.79 -3.82	69.03 6.76 -5.94	60.35 5.86 -3.96	49.13 4.51 0.00	45.10 3.95 0.00	41.04 3.42 0.00	37.02 2.68 0.00	35.05 2.95 0.00
WOODARD__115KV_TB2 355635	30.26 -0.68 0.00	28.05 -0.72 0.00	24.38 -0.57 0.00	23.50 -0.58 0.00	23.29 -0.55 0.00	24.68 -0.53 0.00	27.94 -0.69 0.00	29.72 -0.73 0.00	31.54 -0.88 0.00	33.76 -0.65 0.00	34.89 -0.64 0.00	36.03 -0.47 0.00	37.30 -0.34 0.00	38.67 -0.27 0.00	39.11 -0.36 0.00	44.44 -0.63 0.00	47.37 -0.48 0.00	55.83 -0.51 0.00	50.13 -0.40 0.00	44.14 -0.49 0.00	40.66 -0.49 0.00	37.17 -0.45 0.00	33.83 -0.52 0.00	31.45 -0.64 0.00
YORK___WARBASSE 23770	33.55 2.60 0.00	31.18 2.42 0.00	26.92 1.97 0.00	26.03 1.95 0.00	25.72 1.88 0.00	27.13 1.92 0.00	30.94 2.32 0.00	33.22 2.77 0.00	35.43 3.01 0.00	37.23 2.82 0.00	38.47 2.95 0.00	39.68 3.18 0.00	40.91 3.27 0.00	42.21 3.27 0.00	42.90 3.43 0.00	49.27 4.19 0.00	52.63 4.78 0.00	70.76 5.52 -8.91	55.33 4.80 0.00	48.51 3.88 0.00	44.61 3.46 0.00	40.66 3.05 0.00	37.34 2.99 -0.01	36.46 2.79 -1.57