

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion												
Generator Data		08/16/2024																																
Name		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00									
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT									
59TH STREET_GT_1		29.80	28.66	26.76	24.51	23.77	25.79	28.71	29.38	30.60	30.91	31.97	35.72	38.26	40.67	43.47	45.44	52.91	60.30	53.17	45.45	43.72	39.04	34.32	31.22									
24138		1.90	1.70	1.44	1.21	1.22	1.39	1.83	2.23	2.48	2.42	2.75	3.07	3.22	3.46	3.70	3.64	4.85	5.43	4.57	3.56	3.42	2.92	2.69	2.37									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		29.91	28.74	26.84	24.65	23.84	25.84	28.71	29.49	30.66	31.31	32.03	35.79	38.34	40.85	43.55	45.49	52.96	60.35	53.27	45.53	43.84	39.11	34.41	31.31									
24260		2.01	1.78	1.52	1.35	1.29	1.44	1.83	2.34	2.53	2.82	2.81	3.13	3.29	3.65	3.78	3.68	4.90	5.49	4.67	3.64	3.55	3.00	2.78	2.45									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		29.91	28.74	26.84	24.65	23.84	25.84	28.71	29.49	30.66	31.31	32.03	35.79	38.34	40.85	43.55	45.49	52.96	60.35	53.27	45.53	43.84	39.11	34.41	31.31									
24261		2.01	1.78	1.52	1.35	1.29	1.44	1.83	2.34	2.53	2.82	2.81	3.13	3.29	3.65	3.78	3.68	4.90	5.49	4.67	3.64	3.55	3.00	2.78	2.45									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		30.47	29.33	27.27	25.04	24.20	26.28	29.27	29.60	30.60	30.85	31.42	35.17	37.57	39.96	42.87	45.28	52.39	60.19	53.99	46.45	44.93	40.12	34.92	31.92									
24011		2.57	2.37	1.95	1.75	1.65	1.88	2.39	2.44	2.48	2.36	2.19	2.51	2.52	2.75	3.10	3.47	4.33	5.32	5.39	4.57	4.63	4.01	3.29	3.06									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		30.72	29.58	27.50	25.21	24.36	26.47	29.57	29.85	30.89	31.05	31.65	35.46	37.88	40.26	43.23	45.69	52.87	60.79	54.62	46.95	45.45	40.56	35.27	32.23									
23798		2.82	2.61	2.18	1.91	1.81	2.07	2.69	2.69	2.76	2.57	2.42	2.81	2.84	3.05	3.46	3.89	4.81	5.93	6.03	5.07	5.16	4.44	3.64	3.37									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		30.47	29.33	27.27	25.04	24.20	26.28	29.27	29.60	30.60	30.85	31.42	35.17	37.57	39.96	42.87	45.28	52.39	60.19	53.99	46.45	44.93	40.12	34.92	31.92									
24028		2.57	2.37	1.95	1.75	1.65	1.88	2.39	2.44	2.48	2.36	2.19	2.51	2.52	2.75	3.10	3.47	4.33	5.32	5.39	4.57	4.63	4.01	3.29	3.06									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		29.44	28.47	26.59	24.44	23.68	25.65	28.38	28.76	29.76	29.77	30.63	34.32	36.62	38.84	41.64	43.73	50.27	57.50	51.08	44.15	42.47	38.25	33.46	30.59									
23527		1.53	1.51	1.27	1.14	1.13	1.24	1.50	1.60	1.63	1.28	1.40	1.66	1.58	1.64	1.87	1.92	2.21	2.63	2.48	2.26	2.17	2.13	1.83	1.73									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		28.32	27.37	25.57	23.65	22.87	24.69	27.23	27.67	28.61	28.95	29.64	33.14	35.46	37.80	40.45	42.43	48.93	55.96	49.67	42.77	41.14	36.95	32.58	29.75									
24190		0.42	0.40	0.25	0.35	0.32	0.29	0.35	0.52	0.48	0.46	0.41	0.49	0.42	0.60	0.68	0.63	0.87	1.10	1.07	0.88	0.85	0.83	0.95	0.89									
		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									
AKWESSNE_115KV_BK		27.37	26.58	25.17	23.18	22.42	24.26	26.66	26.72	27.65	28.06	28.70	32.06	34.38	36.57	39.14	41.10	46.92	53.28	47.24	41.13	39.53	35.39	30.90	28.28									
355683		-0.53	-0.38	-0.15	-0.12	-0.14	-0.15	-0.22	-0.43	-0.48	-0.43	-0.53	-0.59	-0.67	-0.63	-0.64	-0.71	-1.35	-1.59	-1.36	-0.75	-0.77	-0.72	-0.73	-0.58									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY_1_SOLAR		28.91	27.93	26.11	24.04	23.28	25.16	27.79	28.11	28.97	29.03	29.75	33.24	35.57	37.88	40.65	42.77	49.40	56.79	50.55	43.60	42.02	37.70	33.09	30.21									
323833		1.00	0.97	0.79	0.75	0.72	0.76	0.91	0.95	0.84	0.54	0.53	0.59	0.53	0.67	0.87	0.96	1.34	1.92	1.95	1.72	1.73	1.59	1.46	1.36									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		28.91	27.90	26.08	24.02	23.28	25.13	27.79	28.08	28.97	29.03	29.75	33.24	35.57	37.88	40.65	42.77	49.40	56.79	50.55	43.56	41.98	37.67	33.05	30.21									
323834		1.00	0.94	0.76	0.72	0.72	0.73	0.91	0.92	0.84	0.54	0.53	0.59	0.53	0.67	0.87	0.96	1.34	1.92	1.95	1.68	1.69	1.55	1.42	1.36									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		28.32	27.37	25.57	23.65	22.87	24.69	27.23	27.67	28.61	28.95	29.64	33.14	35.46	37.80	40.45	42.43	48.93	55.96	49.67	42.77	41.14	36.95	32.58	29.75									
23571		0.42	0.40	0.25	0.35	0.32	0.29	0.35	0.52	0.48	0.46	0.41	0.49	0.42	0.60	0.68	0.63	0.87	1.10	1.07	0.88	0.85	0.83	0.95	0.89									
		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									

ALBANY___2 23572	28.32 0.42 0.00	27.37 0.40 0.00	25.57 0.25 0.00	23.65 0.35 0.00	22.87 0.32 0.00	24.69 0.29 0.00	27.23 0.35 0.00	27.67 0.52 0.00	28.61 0.48 0.00	28.95 0.46 0.00	29.64 0.41 0.00	33.14 0.49 0.00	35.46 0.42 0.00	37.80 0.60 0.00	40.45 0.68 0.00	42.43 0.63 0.00	48.93 0.87 0.00	55.96 1.10 0.00	49.67 1.07 0.00	42.77 0.88 0.00	41.14 0.85 0.00	36.95 0.83 0.00	32.58 0.95 0.00	29.75 0.89 0.00
ALBANY___3 23573	28.32 0.42 0.00	27.37 0.40 0.00	25.57 0.25 0.00	23.65 0.35 0.00	22.87 0.32 0.00	24.69 0.29 0.00	27.23 0.35 0.00	27.67 0.52 0.00	28.61 0.48 0.00	28.95 0.46 0.00	29.64 0.41 0.00	33.14 0.49 0.00	35.46 0.42 0.00	37.80 0.60 0.00	40.45 0.68 0.00	42.43 0.63 0.00	48.93 0.87 0.00	55.96 1.10 0.00	49.67 1.07 0.00	42.77 0.88 0.00	41.14 0.85 0.00	36.95 0.83 0.00	32.58 0.95 0.00	29.75 0.89 0.00
ALBANY___4 23574	28.32 0.42 0.00	27.37 0.40 0.00	25.57 0.25 0.00	23.65 0.35 0.00	22.87 0.32 0.00	24.69 0.29 0.00	27.23 0.35 0.00	27.67 0.52 0.00	28.61 0.48 0.00	28.95 0.46 0.00	29.64 0.41 0.00	33.14 0.49 0.00	35.46 0.42 0.00	37.80 0.60 0.00	40.45 0.68 0.00	42.43 0.63 0.00	48.93 0.87 0.00	55.96 1.10 0.00	49.67 1.07 0.00	42.77 0.88 0.00	41.14 0.85 0.00	36.95 0.83 0.00	32.58 0.95 0.00	29.75 0.89 0.00
ALBANY___LFGE 323615	28.63 0.72 0.00	27.66 0.70 0.00	25.85 0.53 0.00	23.81 0.51 0.00	23.08 0.52 0.00	24.94 0.54 0.00	27.58 0.70 0.00	27.95 0.79 0.00	28.95 0.82 0.00	29.12 0.63 0.00	29.96 0.73 0.00	33.53 0.88 0.00	35.88 0.84 0.00	38.17 0.97 0.00	40.93 1.15 0.00	42.98 1.17 0.00	49.55 1.49 0.00	56.67 1.81 0.00	50.30 1.70 0.00	43.31 1.42 0.00	41.66 1.37 0.00	37.38 1.26 0.00	32.90 1.27 0.00	30.04 1.18 0.00
ALCOA_PA_115KV_PL-6C 55860	27.46 -0.45 0.00	26.66 -0.30 0.00	25.25 -0.08 0.00	23.25 -0.05 0.00	22.47 -0.09 0.00	24.30 -0.10 0.00	26.77 -0.11 0.00	26.80 -0.35 0.00	27.71 -0.42 0.00	28.12 -0.37 0.00	28.73 -0.50 0.00	32.06 -0.59 0.00	34.38 -0.67 0.00	36.65 -0.56 0.00	39.18 -0.60 0.00	41.14 -0.67 0.00	46.81 -1.59 -0.33	53.00 -1.87 0.00	47.04 -1.56 0.00	41.22 -0.67 0.00	39.65 -0.64 0.00	35.47 -0.65 0.00	30.93 -0.70 0.00	28.40 -0.46 0.00
ALCOA_RYNLDS___DRP 24188	27.46 -0.45 0.00	26.66 -0.30 0.00	25.25 -0.08 0.00	23.25 -0.05 0.00	22.47 -0.09 0.00	24.30 -0.10 0.00	26.77 -0.11 0.00	26.80 -0.35 0.00	27.71 -0.42 0.00	28.12 -0.37 0.00	28.73 -0.50 0.00	32.06 -0.59 0.00	34.38 -0.67 0.00	36.65 -0.56 0.00	39.18 -0.60 0.00	41.14 -0.67 0.00	46.81 -1.59 -0.33	53.00 -1.87 0.00	47.04 -1.56 0.00	41.22 -0.67 0.00	39.65 -0.64 0.00	35.47 -0.65 0.00	30.93 -0.70 0.00	28.40 -0.46 0.00
ALCOA___DSASP 323711	27.43 -0.47 0.00	26.67 -0.30 0.00	25.25 -0.08 0.00	23.23 -0.07 0.00	22.47 -0.09 0.00	24.30 -0.10 0.00	26.69 -0.19 0.00	26.80 -0.35 0.00	27.71 -0.42 0.00	28.09 -0.40 0.00	28.73 -0.50 0.00	32.06 -0.59 0.00	34.38 -0.67 0.00	36.61 -0.60 0.00	39.18 -0.60 0.00	41.14 -0.67 0.00	46.81 -1.58 -0.33	53.00 -1.87 0.00	47.00 -1.60 0.00	41.22 -0.67 0.00	39.65 -0.65 0.00	35.47 -0.65 0.00	30.93 -0.70 0.00	28.39 -0.46 0.00
ALLEGHENY___COGEN 23514	28.85 0.95 0.00	27.55 0.59 0.00	25.42 0.10 0.00	23.48 0.19 0.00	22.47 -0.09 0.00	24.65 0.24 0.00	27.01 0.14 0.00	27.46 0.30 0.00	28.16 0.03 0.00	29.12 0.63 0.00	29.26 0.03 0.00	32.39 -0.26 0.00	35.32 0.28 0.00	36.79 -0.41 0.00	38.97 -0.80 0.00	41.56 -0.25 0.00	48.74 0.67 0.00	55.86 0.99 0.00	50.06 1.46 0.00	42.04 0.63 0.48	41.26 1.01 0.04	37.12 1.01 0.01	32.45 0.82 0.00	29.49 0.63 0.00
ALTAMONT_115KV_TB 2 55880	28.66 0.75 0.00	27.66 0.70 0.00	25.88 0.56 0.00	23.83 0.54 0.00	23.08 0.52 0.00	24.94 0.54 0.00	27.55 0.67 0.00	27.97 0.81 0.00	28.94 0.82 0.00	29.26 0.77 0.00	29.99 0.76 0.00	33.50 0.85 0.00	35.88 0.84 0.00	38.17 0.97 0.00	40.85 1.07 0.00	42.89 1.09 0.00	49.45 1.39 0.00	56.57 1.70 0.00	50.15 1.56 0.00	43.19 1.30 0.00	41.58 1.29 0.00	37.31 1.19 0.00	32.71 1.08 0.00	29.87 1.01 0.00
ALTONA_WT_PWR 323606	27.90 0.00 0.00	27.12 0.16 0.00	25.70 0.38 0.00	23.62 0.33 0.00	22.83 0.27 0.00	24.72 0.32 0.00	27.28 0.40 0.00	27.48 0.33 0.00	28.47 0.34 0.00	29.03 0.54 0.00	29.67 0.44 0.00	33.17 0.52 0.00	35.64 0.60 0.00	37.99 0.78 0.00	40.65 0.87 0.00	42.72 0.92 0.00	48.73 0.77 0.10	55.63 0.77 0.00	49.28 0.68 0.00	42.60 0.71 0.00	40.90 0.61 0.00	36.48 0.36 0.00	31.66 0.03 0.00	29.03 0.17 0.00
AMERICAN_REF_FUEL 24010	26.87 -1.03 0.00	25.69 -1.27 0.00	23.65 -1.67 0.00	22.04 -1.26 0.00	21.00 -1.56 0.00	23.01 -1.39 0.00	25.02 -1.85 0.00	25.72 -1.44 0.00	26.89 -1.24 0.00	28.23 -0.26 0.00	28.20 -1.02 0.00	31.05 -1.60 0.00	34.20 -0.84 0.00	35.31 -1.90 0.00	36.87 -2.90 0.00	39.35 -2.47 -0.01	46.24 -1.83 0.00	52.34 -2.52 0.00	46.12 -2.48 0.00	38.04 -3.31 0.54	37.27 -2.98 0.04	33.80 -2.31 0.01	29.86 -1.77 0.00	27.30 -1.56 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.29 0.39 0.00	26.99 0.03 0.00	24.76 -0.56 0.00	22.97 -0.33 0.00	21.93 -0.63 0.00	24.01 -0.39 0.00	26.21 -0.67 0.00	27.16 0.00 0.00	28.33 0.20 0.00	29.74 1.25 0.00	29.84 0.61 0.00	33.01 0.36 0.00	36.23 1.19 0.00	37.58 0.37 0.00	39.30 -0.48 0.00	41.94 0.13 -0.01	49.32 1.25 -0.01	55.63 0.77 0.00	48.94 0.34 0.00	39.71 -1.68 0.50	38.92 -1.33 0.04	35.46 -0.65 0.01	31.25 -0.38 0.00	28.51 -0.35 0.00
ARTHUR KILL_GT_1 23520	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.51 1.21 0.00	23.77 1.22 0.00	25.65 1.24 0.00	28.52 1.64 0.00	29.19 2.04 0.01	30.43 2.31 0.01	30.68 2.19 0.01	31.85 2.63 0.01	35.65 3.00 0.01	40.51 3.05 -2.42	40.44 3.24 0.01	43.26 3.50 0.01	45.18 3.38 0.01	52.77 4.71 0.01	60.13 5.27 0.01	52.97 4.38 0.01	45.35 3.47 0.01	43.63 3.34 0.01	38.86 2.74 0.00	34.43 2.78 -0.02	31.38 2.51 -0.01
ARTHUR_KILL_2 23512	29.92 2.01 -0.01	28.74 1.78 0.00	26.79 1.47 0.00	24.44 1.14 0.00	23.71 1.15 0.00	25.57 1.17 0.00	28.44 1.56 0.00	29.08 1.93 0.01	30.32 2.20 0.01	30.59 2.11 0.01	31.76 2.54 0.01	35.52 2.87 0.01	40.34 2.87 -2.42	40.29 3.09 0.01	43.10 3.34 0.01	45.02 3.22 0.01	52.52 4.47 0.01	59.85 4.99 0.01	52.72 4.13 0.01	45.15 3.27 0.01	43.43 3.14 0.01	38.72 2.60 0.00	34.30 2.66 -0.02	31.26 2.39 -0.01
ARTHUR_KILL_3 23513	29.55 1.65 0.00	28.44 1.48 0.00	26.56 1.24 0.00	24.32 1.02 0.00	23.62 1.06 0.00	25.62 1.22 0.00	28.46 1.59 0.00	29.14 1.98 0.00	30.35 2.22 0.00	30.63 2.14 0.00	31.68 2.46 0.00	35.43 2.77 0.00	40.38 2.91 -2.43	40.30 3.09 0.00	43.03 3.26 0.00	44.94 3.14 0.00	52.34 4.28 0.00	59.64 4.77 0.00	52.63 4.03 0.00	44.94 3.06 0.00	43.39 3.10 0.00	38.79 2.67 0.00	34.14 2.50 -0.01	31.02 2.17 0.00

ARTHUR_KILL_COGEN 323718	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.51 1.21 0.00	23.77 1.22 0.00	25.65 1.24 0.00	28.52 1.64 0.00	29.19 2.04 0.01	30.43 2.31 0.01	30.68 2.19 0.01	31.85 2.63 0.01	35.65 3.00 0.01	40.51 3.05 -2.42	40.44 3.24 0.01	43.26 3.50 0.01	45.18 3.38 0.01	52.77 4.71 0.01	60.13 5.27 0.01	52.97 4.38 0.01	45.35 3.47 0.01	43.63 3.34 0.01	38.86 2.74 0.00	34.43 2.78 -0.02	31.38 2.51 -0.01
ASHOKAN____ 23654	29.41 1.51 0.00	28.28 1.32 0.00	26.49 1.17 0.00	24.25 0.96 0.00	23.53 0.97 0.00	25.35 0.95 0.00	28.01 1.13 0.00	28.30 1.14 0.00	29.26 1.13 0.00	29.37 0.88 0.00	30.22 0.99 0.00	33.86 1.21 0.00	36.41 1.37 0.00	38.84 1.64 0.00	41.80 2.03 0.00	43.85 2.05 0.00	50.85 2.79 0.00	58.43 3.56 0.00	51.95 3.35 0.00	44.69 2.81 0.00	43.03 2.74 0.00	38.54 2.42 0.00	33.59 1.96 0.00	30.71 1.85 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.95 2.04 -0.01	28.80 1.83 0.00	26.81 1.49 0.00	24.58 1.28 0.00	23.84 1.29 0.00	25.67 1.27 0.00	28.62 1.75 0.00	29.30 2.14 0.00	30.49 2.36 0.00	30.66 2.16 -0.01	31.92 2.69 -0.01	35.63 2.97 -0.01	38.01 2.98 0.01	40.36 3.16 0.01	43.14 3.38 0.01	45.02 3.22 0.01	52.58 4.52 0.00	59.81 4.94 0.00	52.68 4.08 0.00	45.16 3.27 0.00	43.44 3.14 0.00	38.74 2.64 0.01	34.44 2.81 0.00	31.38 2.51 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	29.95 2.04 -0.01	28.80 1.83 0.00	26.81 1.49 0.00	24.58 1.28 0.00	23.84 1.29 0.00	25.67 1.27 0.00	28.62 1.75 0.00	29.30 2.14 0.00	30.49 2.36 0.00	30.66 2.16 -0.01	31.92 2.69 -0.01	35.63 2.97 -0.01	38.01 2.98 0.01	40.36 3.16 0.01	43.14 3.38 0.01	45.02 3.22 0.01	52.58 4.52 0.00	59.81 4.94 0.00	52.68 4.08 0.00	45.16 3.27 0.00	43.44 3.14 0.00	38.74 2.64 0.01	34.44 2.81 0.00	31.38 2.51 -0.01
ASTORIA_GT2_1 24094	29.98 2.06 -0.01	28.79 1.83 0.00	26.84 1.52 0.00	24.67 1.37 0.00	23.84 1.29 0.00	25.67 1.27 0.00	28.57 1.69 0.00	29.38 2.23 0.00	30.52 2.39 0.00	31.18 2.68 -0.01	31.95 2.72 -0.01	35.63 2.97 -0.01	38.06 3.01 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.07 3.26 0.00	52.63 4.57 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.75 2.64 0.00	34.44 2.82 0.00	31.38 2.51 -0.01
ASTORIA_GT2_2 24095	29.98 2.06 -0.01	28.79 1.83 0.00	26.84 1.52 0.00	24.67 1.37 0.00	23.84 1.29 0.00	25.67 1.27 0.00	28.57 1.69 0.00	29.38 2.23 0.00	30.52 2.39 0.00	31.18 2.68 -0.01	31.95 2.72 -0.01	35.63 2.97 -0.01	38.06 3.01 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.07 3.26 0.00	52.63 4.57 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.75 2.64 0.00	34.44 2.82 0.00	31.38 2.51 -0.01
ASTORIA_GT2_3 24096	29.98 2.06 -0.01	28.79 1.83 0.00	26.84 1.52 0.00	24.67 1.37 0.00	23.84 1.29 0.00	25.67 1.27 0.00	28.57 1.69 0.00	29.38 2.23 0.00	30.52 2.39 0.00	31.18 2.68 -0.01	31.95 2.72 -0.01	35.63 2.97 -0.01	38.06 3.01 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.07 3.26 0.00	52.63 4.57 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.75 2.64 0.00	34.44 2.82 0.00	31.38 2.51 -0.01
ASTORIA_GT2_4 24097	29.98 2.06 -0.01	28.79 1.83 0.00	26.84 1.52 0.00	24.67 1.37 0.00	23.84 1.29 0.00	25.67 1.27 0.00	28.57 1.69 0.00	29.38 2.23 0.00	30.52 2.39 0.00	31.18 2.68 -0.01	31.95 2.72 -0.01	35.63 2.97 -0.01	38.06 3.01 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.07 3.26 0.00	52.63 4.57 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.75 2.64 0.00	34.44 2.82 0.00	31.38 2.51 -0.01
ASTORIA_GT3_1 24098	29.98 2.06 -0.01	28.79 1.83 0.00	26.84 1.52 0.00	24.67 1.37 0.00	23.84 1.29 0.00	25.67 1.27 0.00	28.57 1.69 0.00	29.38 2.23 0.00	30.52 2.39 0.00	31.18 2.68 -0.01	31.95 2.72 -0.01	35.63 2.97 -0.01	38.06 3.01 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.07 3.26 0.00	52.63 4.57 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.75 2.64 0.00	34.44 2.82 0.00	31.38 2.51 -0.01
ASTORIA_GT3_2 24099	29.98 2.06 -0.01	28.79 1.83 0.00	26.84 1.52 0.00	24.67 1.37 0.00	23.84 1.29 0.00	25.67 1.27 0.00	28.57 1.69 0.00	29.38 2.23 0.00	30.52 2.39 0.00	31.18 2.68 -0.01	31.95 2.72 -0.01	35.63 2.97 -0.01	38.06 3.01 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.07 3.26 0.00	52.63 4.57 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.75 2.64 0.00	34.44 2.82 0.00	31.38 2.51 -0.01
ASTORIA_GT3_3 24100	29.98 2.06 -0.01	28.79 1.83 0.00	26.84 1.52 0.00	24.67 1.37 0.00	23.84 1.29 0.00	25.67 1.27 0.00	28.57 1.69 0.00	29.38 2.23 0.00	30.52 2.39 0.00	31.18 2.68 -0.01	31.95 2.72 -0.01	35.63 2.97 -0.01	38.06 3.01 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.07 3.26 0.00	52.63 4.57 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.75 2.64 0.00	34.44 2.82 0.00	31.38 2.51 -0.01
ASTORIA_GT3_4 24101	29.98 2.06 -0.01	28.79 1.83 0.00	26.84 1.52 0.00	24.67 1.37 0.00	23.84 1.29 0.00	25.67 1.27 0.00	28.57 1.69 0.00	29.38 2.23 0.00	30.52 2.39 0.00	31.18 2.68 -0.01	31.95 2.72 -0.01	35.63 2.97 -0.01	38.06 3.01 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.07 3.26 0.00	52.63 4.57 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.75 2.64 0.00	34.44 2.82 0.00	31.38 2.51 -0.01
ASTORIA_GT4_1 24102	29.98 2.06 -0.01	28.79 1.83 0.00	26.84 1.52 0.00	24.67 1.37 0.00	23.84 1.29 0.00	25.67 1.27 0.00	28.57 1.69 0.00	29.38 2.23 0.00	30.52 2.39 0.00	31.18 2.68 -0.01	31.95 2.72 -0.01	35.63 2.97 -0.01	38.06 3.01 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.07 3.26 0.00	52.63 4.57 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.75 2.64 0.00	34.44 2.82 0.00	31.38 2.51 -0.01
ASTORIA_GT4_2 24103	29.98 2.06 -0.01	28.79 1.83 0.00	26.84 1.52 0.00	24.67 1.37 0.00	23.84 1.29 0.00	25.67 1.27 0.00	28.57 1.69 0.00	29.38 2.23 0.00	30.52 2.39 0.00	31.18 2.68 -0.01	31.95 2.72 -0.01	35.63 2.97 -0.01	38.06 3.01 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.07 3.26 0.00	52.63 4.57 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.75 2.64 0.00	34.44 2.82 0.00	31.38 2.51 -0.01
ASTORIA_GT4_3 24104	29.98 2.06 -0.01	28.79 1.83 0.00	26.84 1.52 0.00	24.67 1.37 0.00	23.84 1.29 0.00	25.67 1.27 0.00	28.57 1.69 0.00	29.38 2.23 0.00	30.52 2.39 0.00	31.18 2.68 -0.01	31.95 2.72 -0.01	35.63 2.97 -0.01	38.06 3.01 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.07 3.26 0.00	52.63 4.57 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.75 2.64 0.00	34.44 2.82 0.00	31.38 2.51 -0.01

ASTORIA_GT4_4 24105	29.98 2.06 -0.01	28.79 1.83 0.00	26.84 1.52 0.00	24.67 1.37 0.00	23.84 1.29 0.00	25.67 1.27 0.00	28.57 1.69 0.00	29.38 2.23 0.00	30.52 2.39 0.00	31.18 2.68 -0.01	31.95 2.72 -0.01	35.63 2.97 -0.01	38.06 3.01 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.07 3.26 0.00	52.63 4.57 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.75 2.64 0.00	34.44 2.82 0.00	31.38 2.51 -0.01
ASTORIA_GT_1 23523	30.03 2.12 -0.01	28.85 1.89 0.00	26.89 1.57 0.00	24.62 1.33 0.00	23.89 1.33 0.00	25.72 1.32 0.00	28.68 1.80 0.00	29.38 2.23 0.00	30.57 2.45 0.00	30.75 2.25 -0.01	32.01 2.78 -0.01	35.73 3.07 -0.01	38.12 3.08 0.01	40.47 3.27 0.01	43.26 3.50 0.01	45.18 3.38 0.01	52.77 4.71 0.00	60.02 5.16 0.00	52.88 4.28 0.00	45.28 3.39 0.00	43.55 3.26 0.00	38.82 2.71 0.01	34.54 2.91 0.00	31.43 2.57 -0.01
ASTORIA_GT_10 24110	29.84 1.93 -0.01	28.66 1.70 0.00	26.76 1.44 0.00	24.56 1.26 0.00	23.75 1.20 0.00	25.67 1.27 0.00	28.55 1.67 0.00	29.33 2.17 0.00	30.49 2.36 0.00	31.18 2.68 -0.01	31.89 2.66 -0.01	35.66 3.00 -0.01	38.09 3.05 0.00	40.59 3.39 0.00	43.23 3.46 0.00	45.15 3.34 0.00	52.58 4.52 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.20 3.31 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.32 2.69 0.00	31.23 2.37 -0.01
ASTORIA_GT_11 24225	29.84 1.93 -0.01	28.66 1.70 0.00	26.76 1.44 0.00	24.56 1.26 0.00	23.75 1.20 0.00	25.67 1.27 0.00	28.55 1.67 0.00	29.33 2.17 0.00	30.49 2.36 0.00	31.18 2.68 -0.01	31.89 2.66 -0.01	35.66 3.00 -0.01	38.09 3.05 0.00	40.59 3.39 0.00	43.23 3.46 0.00	45.15 3.34 0.00	52.58 4.52 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.20 3.31 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.32 2.69 0.00	31.23 2.37 -0.01
ASTORIA_GT_12 24226	29.84 1.93 -0.01	28.66 1.70 0.00	26.76 1.44 0.00	24.56 1.26 0.00	23.75 1.20 0.00	25.67 1.27 0.00	28.55 1.67 0.00	29.33 2.17 0.00	30.49 2.36 0.00	31.18 2.68 -0.01	31.89 2.66 -0.01	35.66 3.00 -0.01	38.09 3.05 0.00	40.59 3.39 0.00	43.23 3.46 0.00	45.15 3.34 0.00	52.58 4.52 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.20 3.31 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.32 2.69 0.00	31.23 2.37 -0.01
ASTORIA_GT_13 24227	29.84 1.93 -0.01	28.66 1.70 0.00	26.76 1.44 0.00	24.56 1.26 0.00	23.75 1.20 0.00	25.67 1.27 0.00	28.55 1.67 0.00	29.33 2.17 0.00	30.49 2.36 0.00	31.18 2.68 -0.01	31.89 2.66 -0.01	35.66 3.00 -0.01	38.09 3.05 0.00	40.59 3.39 0.00	43.23 3.46 0.00	45.15 3.34 0.00	52.58 4.52 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.20 3.31 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.32 2.69 0.00	31.23 2.37 -0.01
ASTORIA_GT_5 24106	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.70 1.40 0.00	23.89 1.33 0.00	25.72 1.32 0.00	28.63 1.75 0.00	29.44 2.28 0.00	30.58 2.45 0.00	31.26 2.76 -0.01	32.01 2.78 -0.01	35.73 3.07 -0.01	38.13 3.08 0.00	40.63 3.42 0.00	43.27 3.50 0.00	45.19 3.39 0.00	52.77 4.71 0.00	60.02 5.16 0.00	52.88 4.28 0.00	45.28 3.39 0.00	43.56 3.26 0.00	38.82 2.71 0.00	34.54 2.91 0.00	31.43 2.57 -0.01
ASTORIA_GT_7 24107	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.70 1.40 0.00	23.89 1.33 0.00	25.72 1.32 0.00	28.63 1.75 0.00	29.44 2.28 0.00	30.58 2.45 0.00	31.26 2.76 -0.01	32.01 2.78 -0.01	35.73 3.07 -0.01	38.13 3.08 0.00	40.63 3.42 0.00	43.27 3.50 0.00	45.19 3.39 0.00	52.77 4.71 0.00	60.02 5.16 0.00	52.88 4.28 0.00	45.28 3.39 0.00	43.56 3.26 0.00	38.82 2.71 0.00	34.54 2.91 0.00	31.43 2.57 -0.01
ASTORIA_GT_8 24108	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.70 1.40 0.00	23.89 1.33 0.00	25.72 1.32 0.00	28.63 1.75 0.00	29.44 2.28 0.00	30.58 2.45 0.00	31.26 2.76 -0.01	32.01 2.78 -0.01	35.73 3.07 -0.01	38.13 3.08 0.00	40.63 3.42 0.00	43.27 3.50 0.00	45.19 3.39 0.00	52.77 4.71 0.00	60.02 5.16 0.00	52.88 4.28 0.00	45.28 3.39 0.00	43.56 3.26 0.00	38.82 2.71 0.00	34.54 2.91 0.00	31.43 2.57 -0.01
ASTORIA___2 24149	29.98 2.06 -0.01	28.80 1.83 0.00	26.84 1.52 0.00	24.58 1.28 0.00	23.84 1.29 0.00	25.67 1.27 0.00	28.62 1.75 0.00	29.33 2.17 0.00	30.52 2.39 0.00	30.66 2.16 -0.01	31.92 2.69 -0.01	35.63 2.97 -0.01	38.01 2.98 0.01	40.36 3.16 0.01	43.18 3.42 0.01	45.06 3.26 0.01	52.63 4.57 0.00	59.86 4.99 0.00	52.73 4.13 0.00	45.16 3.27 0.00	43.47 3.18 0.00	38.74 2.64 0.01	34.44 2.81 0.00	31.38 2.51 -0.01
ASTORIA___3 23516	29.84 1.92 -0.01	28.69 1.73 0.00	26.76 1.44 0.00	24.48 1.19 0.00	23.75 1.19 0.00	25.67 1.27 0.00	28.60 1.72 0.00	29.28 2.12 0.00	30.49 2.36 0.00	30.75 2.25 -0.01	31.89 2.66 -0.01	35.66 3.00 -0.01	38.09 3.05 0.00	40.44 3.24 0.00	43.23 3.46 0.00	45.15 3.35 0.00	52.58 4.52 0.00	59.86 4.99 0.00	52.73 4.13 0.00	45.20 3.31 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.32 2.69 0.00	31.23 2.37 -0.01
ASTORIA___4 23517	29.84 1.93 -0.01	28.66 1.70 0.00	26.76 1.44 0.00	24.56 1.26 0.00	23.75 1.20 0.00	25.67 1.27 0.00	28.55 1.67 0.00	29.33 2.17 0.00	30.49 2.36 0.00	31.18 2.68 -0.01	31.89 2.66 -0.01	35.66 3.00 -0.01	38.09 3.05 0.00	40.59 3.39 0.00	43.23 3.46 0.00	45.15 3.34 0.00	52.58 4.52 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.20 3.31 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.32 2.69 0.00	31.23 2.37 -0.01
ASTORIA___5 23518	29.84 1.92 -0.01	28.69 1.73 0.00	26.76 1.44 0.00	24.48 1.19 0.00	23.75 1.19 0.00	25.67 1.27 0.00	28.60 1.72 0.00	29.28 2.12 0.00	30.49 2.36 0.00	30.75 2.25 -0.01	31.89 2.66 -0.01	35.66 3.00 -0.01	38.09 3.05 0.00	40.44 3.24 0.00	43.23 3.46 0.00	45.15 3.35 0.00	52.58 4.52 0.00	59.86 4.99 0.00	52.73 4.13 0.00	45.20 3.31 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.32 2.69 0.00	31.23 2.37 -0.01
AST_ENERGY_2_CC3 323677	29.63 1.73 0.00	28.50 1.54 0.00	26.61 1.29 0.00	24.37 1.07 0.00	23.66 1.11 0.00	25.62 1.22 0.00	28.52 1.64 0.00	29.17 2.01 0.00	30.37 2.25 0.01	30.65 2.16 0.00	31.71 2.48 0.00	35.46 2.81 0.00	37.93 2.91 0.02	40.32 3.13 0.02	43.10 3.34 0.02	45.01 3.22 0.02	52.43 4.37 0.01	59.74 4.88 0.01	52.72 4.13 0.01	45.06 3.18 0.01	43.43 3.14 0.01	38.79 2.67 0.00	34.13 2.50 0.00	31.05 2.19 0.00
AST_ENERGY_2_CC4 323678	29.63 1.73 0.00	28.50 1.54 0.00	26.61 1.29 0.00	24.37 1.07 0.00	23.66 1.11 0.00	25.62 1.22 0.00	28.52 1.64 0.00	29.17 2.01 0.00	30.37 2.25 0.01	30.65 2.16 0.00	31.71 2.48 0.00	35.46 2.81 0.00	37.93 2.91 0.02	40.32 3.13 0.02	43.10 3.34 0.02	45.01 3.22 0.02	52.43 4.37 0.01	59.74 4.88 0.01	52.72 4.13 0.01	45.06 3.18 0.01	43.43 3.14 0.01	38.79 2.67 0.00	34.13 2.50 0.00	31.05 2.19 0.00

ATHENS_STG_1 23668	28.74 0.84 0.00	27.72 0.75 0.00	25.93 0.61 0.00	23.83 0.54 0.00	23.14 0.59 0.00	24.99 0.58 0.00	27.66 0.78 0.00	28.11 0.95 0.00	29.17 1.04 0.00	29.40 0.91 0.00	30.28 1.05 0.00	33.86 1.21 0.00	36.27 1.23 0.00	38.51 1.30 0.00	41.24 1.47 0.00	43.23 1.42 0.00	49.93 1.87 0.00	57.06 2.20 0.00	50.49 1.89 0.00	43.39 1.51 0.00	41.74 1.45 0.00	37.45 1.34 0.00	32.83 1.20 0.00	29.93 1.07 0.00
ATHENS_STG_2 23670	28.74 0.84 0.00	27.72 0.75 0.00	25.93 0.61 0.00	23.83 0.54 0.00	23.14 0.59 0.00	24.99 0.58 0.00	27.66 0.78 0.00	28.11 0.95 0.00	29.17 1.04 0.00	29.40 0.91 0.00	30.28 1.05 0.00	33.86 1.21 0.00	36.27 1.23 0.00	38.51 1.30 0.00	41.24 1.47 0.00	43.23 1.42 0.00	49.93 1.87 0.00	57.06 2.20 0.00	50.49 1.89 0.00	43.39 1.51 0.00	41.74 1.45 0.00	37.45 1.34 0.00	32.83 1.20 0.00	29.93 1.07 0.00
ATHENS_STG_3 23677	28.74 0.84 0.00	27.72 0.75 0.00	25.93 0.61 0.00	23.83 0.54 0.00	23.14 0.59 0.00	24.99 0.58 0.00	27.66 0.78 0.00	28.11 0.95 0.00	29.17 1.04 0.00	29.40 0.91 0.00	30.28 1.05 0.00	33.86 1.21 0.00	36.27 1.23 0.00	38.51 1.30 0.00	41.24 1.47 0.00	43.23 1.42 0.00	49.93 1.87 0.00	57.06 2.20 0.00	50.49 1.89 0.00	43.39 1.51 0.00	41.74 1.45 0.00	37.45 1.34 0.00	32.83 1.20 0.00	29.93 1.07 0.00
AUBURN___LFGE 323710	28.15 0.25 0.00	27.10 0.13 0.00	25.27 -0.05 0.00	23.18 -0.12 0.00	22.47 -0.09 0.00	24.38 -0.02 0.00	26.91 0.03 0.00	27.29 0.14 0.00	28.30 0.17 0.00	28.63 0.14 0.00	29.46 0.23 0.00	32.98 0.33 0.00	35.57 0.53 0.00	37.50 0.30 0.00	40.09 0.32 0.00	42.39 0.59 0.00	48.99 0.96 0.03	55.85 0.99 0.00	49.57 0.97 0.00	42.26 0.38 0.00	40.70 0.40 0.00	36.48 0.36 0.00	31.91 0.28 0.00	29.03 0.17 0.00
BABYLON_RES_REC 323704	35.76 2.37 -5.49	30.23 2.18 -1.08	27.33 1.90 -0.11	25.23 1.44 -0.49	24.11 1.56 0.00	26.36 1.83 -0.13	28.98 2.10 0.00	29.63 2.47 0.00	33.34 2.79 -2.42	35.68 2.71 -4.49	34.75 2.95 -2.57	36.72 3.30 -0.77	38.16 3.12 0.00	44.23 3.42 -3.61	44.64 3.62 -1.25	51.82 3.55 -6.46	63.88 4.57 -11.25	67.29 5.27 -7.16	53.97 4.52 -0.85	45.32 3.44 0.00	43.52 3.22 0.00	39.12 3.00 0.00	34.87 3.10 -0.14	34.14 2.77 -2.51
BABYLON__69_KV_BK2 356345	36.15 2.76 -5.49	30.58 2.53 -1.08	27.68 2.25 -0.11	25.81 2.03 -0.49	24.43 1.87 0.00	26.70 2.17 -0.13	29.24 2.37 0.00	30.12 2.96 0.00	33.73 3.18 -2.42	36.34 3.36 -4.49	35.22 3.42 -2.57	37.18 3.75 -0.77	38.97 3.92 0.00	45.28 4.46 -3.61	45.68 4.65 -1.25	52.41 4.77 -5.84	63.91 5.96 -9.89	68.01 6.86 -6.29	55.38 5.93 -0.86	46.50 4.61 0.00	44.48 4.19 0.00	39.99 3.86 -0.01	35.38 3.61 -0.14	34.57 3.20 -2.51
BALL_HILL_WT_PWR 323825	27.82 -0.08 0.00	26.56 -0.40 0.00	24.43 -0.89 0.00	22.69 -0.61 0.00	21.68 -0.88 0.00	23.77 -0.63 0.00	25.91 -0.97 0.00	26.75 -0.41 0.00	27.88 -0.25 0.00	29.26 0.77 0.00	29.31 0.09 0.00	32.42 -0.23 0.00	35.60 0.56 0.00	36.91 -0.30 0.00	38.62 -1.15 0.00	41.23 -0.59 -0.01	48.50 0.43 -0.01	54.76 -0.11 0.00	48.26 -0.34 0.00	39.20 -2.18 0.51	38.44 -1.81 0.04	35.03 -1.08 0.01	30.87 -0.76 0.00	28.22 -0.64 0.00
BARON_WINDS___WT_PWR 323822	27.74 -0.17 0.00	26.53 -0.43 0.00	24.49 -0.83 0.00	22.67 -0.63 0.00	21.70 -0.86 0.00	23.74 -0.66 0.00	26.02 -0.86 0.00	26.72 -0.44 0.00	27.71 -0.42 0.00	28.86 0.37 0.00	29.11 -0.12 0.00	32.33 -0.33 0.00	35.32 0.28 0.00	36.68 -0.52 0.00	38.66 -1.11 0.00	41.22 -0.59 0.00	48.35 0.29 0.00	54.76 -0.11 0.00	48.31 -0.29 0.00	39.52 -1.97 0.40	38.57 -1.69 0.03	35.03 -1.08 0.01	30.78 -0.85 0.00	28.05 -0.81 0.00
BARRETT_IC_1 23704	35.46 2.06 -5.49	29.93 1.89 -1.08	27.05 1.62 -0.11	25.02 1.23 -0.49	23.89 1.33 0.00	26.07 1.54 -0.13	28.71 1.83 0.00	29.36 2.20 0.00	33.06 2.50 -2.42	35.40 2.42 -4.49	34.48 2.69 -2.57	36.40 2.97 -0.77	38.09 3.05 0.00	43.90 3.13 -3.57	44.40 3.38 -1.25	47.19 3.30 -2.08	54.06 4.33 -1.67	60.81 4.88 -1.06	53.68 4.23 -0.85	45.11 3.23 0.00	43.23 2.94 0.00	38.90 2.78 0.00	34.52 2.75 -0.14	33.82 2.45 -2.51
BARRETT_IC_10 23701	35.46 2.06 -5.49	29.93 1.89 -1.08	27.05 1.62 -0.11	25.02 1.23 -0.49	23.89 1.33 0.00	26.07 1.54 -0.13	28.71 1.83 0.00	29.36 2.20 0.00	33.06 2.50 -2.42	35.40 2.42 -4.49	34.48 2.69 -2.57	36.40 2.97 -0.77	38.09 3.05 0.00	43.90 3.13 -3.57	44.40 3.38 -1.25	47.19 3.30 -2.08	54.06 4.33 -1.67	60.81 4.88 -1.06	53.68 4.23 -0.85	45.11 3.23 0.00	43.23 2.94 0.00	38.90 2.78 0.00	34.52 2.75 -0.14	33.82 2.45 -2.51
BARRETT_IC_11 23702	35.46 2.06 -5.49	29.93 1.89 -1.08	27.05 1.62 -0.11	25.02 1.23 -0.49	23.89 1.33 0.00	26.07 1.54 -0.13	28.71 1.83 0.00	29.36 2.20 0.00	33.06 2.50 -2.42	35.40 2.42 -4.49	34.48 2.69 -2.57	36.40 2.97 -0.77	38.09 3.05 0.00	43.90 3.13 -3.57	44.40 3.38 -1.25	47.19 3.30 -2.08	54.06 4.33 -1.67	60.81 4.88 -1.06	53.68 4.23 -0.85	45.11 3.23 0.00	43.23 2.94 0.00	38.90 2.78 0.00	34.52 2.75 -0.14	33.82 2.45 -2.51
BARRETT_IC_12 23703	35.46 2.06 -5.49	29.93 1.89 -1.08	27.05 1.62 -0.11	25.02 1.23 -0.49	23.89 1.33 0.00	26.07 1.54 -0.13	28.71 1.83 0.00	29.36 2.20 0.00	33.06 2.50 -2.42	35.40 2.42 -4.49	34.48 2.69 -2.57	36.40 2.97 -0.77	38.09 3.05 0.00	43.90 3.13 -3.57	44.40 3.38 -1.25	47.19 3.30 -2.08	54.06 4.33 -1.67	60.81 4.88 -1.06	53.68 4.23 -0.85	45.11 3.23 0.00	43.23 2.94 0.00	38.90 2.78 0.00	34.52 2.75 -0.14	33.82 2.45 -2.51
BARRETT_IC_2 23705	35.46 2.06 -5.49	29.93 1.89 -1.08	27.05 1.62 -0.11	25.02 1.23 -0.49	23.89 1.33 0.00	26.07 1.54 -0.13	28.71 1.83 0.00	29.36 2.20 0.00	33.06 2.50 -2.42	35.40 2.42 -4.49	34.48 2.69 -2.57	36.40 2.97 -0.77	38.09 3.05 0.00	43.90 3.13 -3.57	44.40 3.38 -1.25	47.19 3.30 -2.08	54.06 4.33 -1.67	60.81 4.88 -1.06	53.68 4.23 -0.85	45.11 3.23 0.00	43.23 2.94 0.00	38.90 2.78 0.00	34.52 2.75 -0.14	33.82 2.45 -2.51
BARRETT_IC_3 23706	35.46 2.06 -5.49	29.93 1.89 -1.08	27.05 1.62 -0.11	25.02 1.23 -0.49	23.89 1.33 0.00	26.07 1.54 -0.13	28.71 1.83 0.00	29.36 2.20 0.00	33.06 2.50 -2.42	35.40 2.42 -4.49	34.48 2.69 -2.57	36.40 2.97 -0.77	38.09 3.05 0.00	43.90 3.13 -3.57	44.40 3.38 -1.25	47.19 3.30 -2.08	54.06 4.33 -1.67	60.81 4.88 -1.06	53.68 4.23 -0.85	45.11 3.23 0.00	43.23 2.94 0.00	38.90 2.78 0.00	34.52 2.75 -0.14	33.82 2.45 -2.51
BARRETT_IC_4 23707	35.46 2.06 -5.49	29.93 1.89 -1.08	27.05 1.62 -0.11	25.02 1.23 -0.49	23.89 1.33 0.00	26.07 1.54 -0.13	28.71 1.83 0.00	29.36 2.20 0.00	33.06 2.50 -2.42	35.40 2.42 -4.49	34.48 2.69 -2.57	36.40 2.97 -0.77	38.09 3.05 0.00	43.90 3.13 -3.57	44.40 3.38 -1.25	47.19 3.30 -2.08	54.06 4.33 -1.67	60.81 4.88 -1.06	53.68 4.23 -0.85	45.11 3.23 0.00	43.23 2.94 0.00	38.90 2.78 0.00	34.52 2.75 -0.14	33.82 2.45 -2.51

BARRETT_IC_5 23708	35.46 2.06 -5.49	29.93 1.89 -1.08	27.05 1.62 -0.11	25.02 1.23 -0.49	23.89 1.33 0.00	26.07 1.54 -0.13	28.71 1.83 0.00	29.36 2.20 0.00	33.06 2.50 -2.42	35.40 2.42 -4.49	34.48 2.69 -2.57	36.40 2.97 -0.77	38.09 3.05 0.00	43.90 3.13 -3.57	44.40 3.38 -1.25	47.19 3.30 -2.08	54.06 4.33 -1.67	60.81 4.88 -1.06	53.68 4.23 -0.85	45.11 3.23 0.00	43.23 2.94 0.00	38.90 2.78 0.00	34.52 2.75 -0.14	33.82 2.45 -2.51
BARRETT_IC_6 23709	35.46 2.06 -5.49	29.93 1.89 -1.08	27.05 1.62 -0.11	25.02 1.23 -0.49	23.89 1.33 0.00	26.07 1.54 -0.13	28.71 1.83 0.00	29.36 2.20 0.00	33.06 2.50 -2.42	35.40 2.42 -4.49	34.48 2.69 -2.57	36.40 2.97 -0.77	38.09 3.05 0.00	43.90 3.13 -3.57	44.40 3.38 -1.25	47.19 3.30 -2.08	54.06 4.33 -1.67	60.81 4.88 -1.06	53.68 4.23 -0.85	45.11 3.23 0.00	43.23 2.94 0.00	38.90 2.78 0.00	34.52 2.75 -0.14	33.82 2.45 -2.51
BARRETT_IC_7 23710	35.46 2.06 -5.49	29.90 1.86 -1.08	27.05 1.62 -0.11	25.23 1.44 -0.49	23.89 1.33 0.00	26.07 1.54 -0.13	28.65 1.77 0.00	29.47 2.31 0.00	33.06 2.50 -2.42	35.68 2.71 -4.49	34.52 2.72 -2.57	36.43 3.00 -0.77	38.09 3.05 0.00	44.01 3.24 -3.57	44.40 3.38 -1.25	47.19 3.30 -2.08	54.05 4.33 -1.67	60.81 4.88 -1.06	53.68 4.23 -0.85	45.11 3.23 0.00	43.23 2.94 0.00	38.90 2.78 0.00	34.52 2.75 -0.14	33.82 2.45 -2.51
BARRETT_IC_8 23711	35.46 2.06 -5.49	29.93 1.89 -1.08	27.05 1.62 -0.11	25.02 1.23 -0.49	23.89 1.33 0.00	26.07 1.54 -0.13	28.71 1.83 0.00	29.36 2.20 0.00	33.06 2.50 -2.42	35.40 2.42 -4.49	34.48 2.69 -2.57	36.40 2.97 -0.77	38.09 3.05 0.00	43.90 3.13 -3.57	44.40 3.38 -1.25	47.19 3.30 -2.08	54.06 4.33 -1.67	60.81 4.88 -1.06	53.68 4.23 -0.85	45.11 3.23 0.00	43.23 2.94 0.00	38.90 2.78 0.00	34.52 2.75 -0.14	33.82 2.45 -2.51
BARRETT_IC_9 23700	35.46 2.06 -5.49	29.93 1.89 -1.08	27.05 1.62 -0.11	25.02 1.23 -0.49	23.89 1.33 0.00	26.07 1.54 -0.13	28.71 1.83 0.00	29.36 2.20 0.00	33.06 2.50 -2.42	35.40 2.42 -4.49	34.48 2.69 -2.57	36.40 2.97 -0.77	38.09 3.05 0.00	43.90 3.13 -3.57	44.40 3.38 -1.25	47.19 3.30 -2.08	54.06 4.33 -1.67	60.81 4.88 -1.06	53.68 4.23 -0.85	45.11 3.23 0.00	43.23 2.94 0.00	38.90 2.78 0.00	34.52 2.75 -0.14	33.82 2.45 -2.51
BARRETT___1 23545	35.46 2.06 -5.49	29.93 1.89 -1.08	27.05 1.62 -0.11	25.02 1.23 -0.49	23.89 1.33 0.00	26.07 1.54 -0.13	28.71 1.83 0.00	29.36 2.20 0.00	33.06 2.50 -2.42	35.40 2.42 -4.49	34.48 2.69 -2.57	36.40 2.97 -0.77	38.09 3.05 0.00	43.90 3.13 -3.57	44.40 3.38 -1.25	47.19 3.30 -2.08	54.06 4.33 -1.67	60.81 4.88 -1.06	53.68 4.23 -0.85	45.11 3.23 0.00	43.23 2.94 0.00	38.90 2.78 0.00	34.52 2.75 -0.14	33.82 2.45 -2.51
BARRETT___2 23546	35.46 2.06 -5.49	29.93 1.89 -1.08	27.05 1.62 -0.11	25.02 1.23 -0.49	23.89 1.33 0.00	26.07 1.54 -0.13	28.71 1.83 0.00	29.36 2.20 0.00	33.06 2.50 -2.42	35.40 2.42 -4.49	34.48 2.69 -2.57	36.40 2.97 -0.77	38.09 3.05 0.00	43.90 3.13 -3.57	44.40 3.38 -1.25	47.19 3.30 -2.08	54.06 4.33 -1.67	60.81 4.88 -1.06	53.68 4.23 -0.85	45.11 3.23 0.00	43.23 2.94 0.00	38.90 2.78 0.00	34.52 2.75 -0.14	33.82 2.45 -2.51
BATAVIA__115KV_TB1 55881	28.02 0.11 0.00	26.77 -0.19 0.00	24.61 -0.71 0.00	22.46 -0.84 0.00	21.86 -0.70 0.00	23.89 -0.51 0.00	25.96 -0.91 0.00	26.70 -0.46 0.00	28.10 -0.03 0.00	27.83 -0.66 0.00	29.20 -0.03 0.00	32.46 -0.20 0.00	35.67 0.63 0.00	36.42 -0.78 0.00	38.93 -0.84 0.00	41.56 -0.25 0.00	48.74 0.67 0.00	55.36 0.49 0.00	48.84 0.24 0.00	40.42 -0.92 0.55	39.56 -0.68 0.05	35.71 -0.40 0.01	31.41 -0.22 0.00	28.66 -0.20 0.00
BAYONEEC___CTG1 323682	29.66 1.76 0.00	28.55 1.59 0.00	26.66 1.34 0.00	24.39 1.10 0.00	23.68 1.13 0.00	25.67 1.27 0.00	28.55 1.67 0.00	29.22 2.06 0.00	30.44 2.31 0.00	30.71 2.22 0.00	31.77 2.54 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.41 3.20 0.00	43.15 3.38 0.00	45.07 3.26 0.00	52.48 4.42 0.00	59.81 4.94 0.00	52.78 4.18 0.00	45.11 3.23 0.00	43.47 3.18 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.08 2.22 0.00
BAYONEEC___CTG10 323750	29.66 1.76 0.00	28.55 1.59 0.00	26.66 1.34 0.00	24.39 1.10 0.00	23.68 1.13 0.00	25.67 1.27 0.00	28.55 1.67 0.00	29.22 2.06 0.00	30.44 2.31 0.00	30.71 2.22 0.00	31.77 2.54 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.41 3.20 0.00	43.15 3.38 0.00	45.07 3.26 0.00	52.48 4.42 0.00	59.81 4.94 0.00	52.78 4.18 0.00	45.11 3.23 0.00	43.47 3.18 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.08 2.22 0.00
BAYONEEC___CTG2 323683	29.66 1.76 0.00	28.55 1.59 0.00	26.66 1.34 0.00	24.39 1.10 0.00	23.68 1.13 0.00	25.67 1.27 0.00	28.55 1.67 0.00	29.22 2.06 0.00	30.44 2.31 0.00	30.71 2.22 0.00	31.77 2.54 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.41 3.20 0.00	43.15 3.38 0.00	45.07 3.26 0.00	52.48 4.42 0.00	59.81 4.94 0.00	52.78 4.18 0.00	45.11 3.23 0.00	43.47 3.18 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.08 2.22 0.00
BAYONEEC___CTG3 323684	29.66 1.76 0.00	28.55 1.59 0.00	26.66 1.34 0.00	24.39 1.10 0.00	23.68 1.13 0.00	25.67 1.27 0.00	28.55 1.67 0.00	29.22 2.06 0.00	30.44 2.31 0.00	30.71 2.22 0.00	31.77 2.54 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.41 3.20 0.00	43.15 3.38 0.00	45.07 3.26 0.00	52.48 4.42 0.00	59.81 4.94 0.00	52.78 4.18 0.00	45.11 3.23 0.00	43.47 3.18 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.08 2.22 0.00
BAYONEEC___CTG4 323685	29.66 1.76 0.00	28.55 1.59 0.00	26.66 1.34 0.00	24.39 1.10 0.00	23.68 1.13 0.00	25.67 1.27 0.00	28.55 1.67 0.00	29.22 2.06 0.00	30.44 2.31 0.00	30.71 2.22 0.00	31.77 2.54 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.41 3.20 0.00	43.15 3.38 0.00	45.07 3.26 0.00	52.48 4.42 0.00	59.81 4.94 0.00	52.78 4.18 0.00	45.11 3.23 0.00	43.47 3.18 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.08 2.22 0.00
BAYONEEC___CTG5 323686	29.66 1.76 0.00	28.55 1.59 0.00	26.66 1.34 0.00	24.39 1.10 0.00	23.68 1.13 0.00	25.67 1.27 0.00	28.55 1.67 0.00	29.22 2.06 0.00	30.44 2.31 0.00	30.71 2.22 0.00	31.77 2.54 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.41 3.20 0.00	43.15 3.38 0.00	45.07 3.26 0.00	52.48 4.42 0.00	59.81 4.94 0.00	52.78 4.18 0.00	45.11 3.23 0.00	43.47 3.18 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.08 2.22 0.00
BAYONEEC___CTG6 323687	29.66 1.76 0.00	28.55 1.59 0.00	26.66 1.34 0.00	24.39 1.10 0.00	23.68 1.13 0.00	25.67 1.27 0.00	28.55 1.67 0.00	29.22 2.06 0.00	30.44 2.31 0.00	30.71 2.22 0.00	31.77 2.54 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.41 3.20 0.00	43.15 3.38 0.00	45.07 3.26 0.00	52.48 4.42 0.00	59.81 4.94 0.00	52.78 4.18 0.00	45.11 3.23 0.00	43.47 3.18 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.08 2.22 0.00

BAYONEEC___CTG7 323688	29.66 1.76 0.00	28.55 1.59 0.00	26.66 1.34 0.00	24.39 1.10 0.00	23.68 1.13 0.00	25.67 1.27 0.00	28.55 1.67 0.00	29.22 2.06 0.00	30.44 2.31 0.00	30.71 2.22 0.00	31.77 2.54 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.41 3.20 0.00	43.15 3.38 0.00	45.07 3.26 0.00	52.48 4.42 0.00	59.81 4.94 0.00	52.78 4.18 0.00	45.11 3.23 0.00	43.47 3.18 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.08 2.22 0.00
BAYONEEC___CTG8 323689	29.66 1.76 0.00	28.55 1.59 0.00	26.66 1.34 0.00	24.39 1.10 0.00	23.68 1.13 0.00	25.67 1.27 0.00	28.55 1.67 0.00	29.22 2.06 0.00	30.44 2.31 0.00	30.71 2.22 0.00	31.77 2.54 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.41 3.20 0.00	43.15 3.38 0.00	45.07 3.26 0.00	52.48 4.42 0.00	59.81 4.94 0.00	52.78 4.18 0.00	45.11 3.23 0.00	43.47 3.18 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.08 2.22 0.00
BAYONEEC___CTG9 323749	29.66 1.76 0.00	28.55 1.59 0.00	26.66 1.34 0.00	24.39 1.10 0.00	23.68 1.13 0.00	25.67 1.27 0.00	28.55 1.67 0.00	29.22 2.06 0.00	30.44 2.31 0.00	30.71 2.22 0.00	31.77 2.54 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.41 3.20 0.00	43.15 3.38 0.00	45.07 3.26 0.00	52.48 4.42 0.00	59.81 4.94 0.00	52.78 4.18 0.00	45.11 3.23 0.00	43.47 3.18 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.08 2.22 0.00
BEACON___LESR 323632	28.80 0.89 0.00	27.80 0.84 0.00	25.95 0.63 0.00	23.93 0.63 0.00	23.17 0.61 0.00	25.04 0.63 0.00	27.71 0.83 0.00	28.11 0.95 0.00	29.09 0.96 0.00	29.26 0.77 0.00	30.10 0.88 0.00	33.70 1.04 0.00	36.02 0.98 0.00	38.36 1.15 0.00	41.16 1.39 0.00	43.27 1.46 0.00	49.93 1.87 0.00	57.17 2.30 0.00	50.74 2.14 0.00	43.65 1.76 0.00	41.98 1.69 0.00	37.67 1.55 0.00	33.12 1.49 0.00	30.24 1.39 0.00
BEAVER RIVER___HYD 24048	27.49 -0.42 0.00	26.50 -0.46 0.00	24.89 -0.43 0.00	22.83 -0.47 0.00	22.13 -0.43 0.00	23.94 -0.46 0.00	26.42 -0.46 0.00	26.70 -0.46 0.00	27.54 -0.59 0.00	27.92 -0.57 0.00	28.52 -0.70 0.00	31.77 -0.88 0.00	34.06 -0.98 0.00	36.31 -0.89 0.00	38.70 -1.07 0.00	40.80 -1.00 0.00	46.36 -1.15 0.55	53.93 -0.93 0.00	47.97 -0.63 0.00	41.55 -0.34 0.00	40.01 -0.28 0.00	35.79 -0.33 0.00	30.87 -0.76 0.00	28.14 -0.72 0.00
BEEBEE_GT_13 23619	27.76 -0.14 0.00	26.64 -0.32 0.00	24.61 -0.71 0.00	22.51 -0.79 0.00	21.88 -0.68 0.00	23.84 -0.56 0.00	26.05 -0.83 0.00	26.61 -0.54 0.00	27.88 -0.25 0.00	27.86 -0.63 0.00	28.99 -0.23 0.00	32.33 -0.33 0.00	35.25 0.21 0.00	36.49 -0.71 0.01	39.05 -0.72 0.01	41.51 -0.29 0.00	48.40 0.34 0.00	55.03 0.16 0.00	48.55 -0.05 0.00	40.68 -0.63 0.58	39.68 -0.56 0.05	35.60 -0.51 0.01	31.25 -0.38 0.00	28.48 -0.38 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.17 2.26 -0.01	28.93 1.97 0.00	26.97 1.65 0.00	24.72 1.42 0.00	23.91 1.35 0.00	25.84 1.44 0.00	28.73 1.85 0.00	29.55 2.39 0.00	30.74 2.62 0.00	31.49 2.99 -0.01	32.22 2.98 -0.01	36.02 3.36 -0.01	41.80 3.47 -3.29	41.00 3.80 0.00	43.71 3.94 0.00	45.65 3.85 0.00	84.33 5.24 -31.03	66.73 5.82 -6.05	53.46 4.86 0.00	45.78 3.90 0.00	44.04 3.75 0.00	39.22 3.11 0.00	34.71 3.07 -0.02	31.58 2.71 -0.01
BETHLEHEM___GRP 23843	28.32 0.42 0.00	27.37 0.40 0.00	25.57 0.25 0.00	23.65 0.35 0.00	22.87 0.32 0.00	24.69 0.29 0.00	27.23 0.35 0.00	27.67 0.52 0.00	28.61 0.48 0.00	28.95 0.46 0.00	29.64 0.41 0.00	33.14 0.49 0.00	35.46 0.42 0.00	37.80 0.60 0.00	40.45 0.68 0.00	42.43 0.63 0.00	48.93 0.87 0.00	55.96 1.10 0.00	49.67 1.07 0.00	42.77 0.88 0.00	41.14 0.85 0.00	36.95 0.83 0.00	32.58 0.95 0.00	29.75 0.89 0.00
BETHLEHEM___GS1 323560	28.32 0.42 0.00	27.37 0.41 0.00	25.57 0.25 0.00	23.60 0.30 0.00	22.87 0.32 0.00	24.70 0.29 0.00	27.25 0.38 0.00	27.65 0.49 0.00	28.61 0.48 0.00	28.77 0.28 0.00	29.64 0.41 0.00	33.14 0.49 0.00	35.46 0.42 0.00	37.73 0.52 0.00	40.45 0.68 0.00	42.43 0.63 0.00	48.93 0.87 0.00	55.96 1.10 0.00	49.62 1.02 0.00	42.77 0.88 0.00	41.14 0.85 0.00	36.95 0.83 0.00	32.58 0.95 0.00	29.75 0.90 0.00
BETHLEHEM___GS2 323561	28.32 0.42 0.00	27.37 0.41 0.00	25.57 0.25 0.00	23.60 0.30 0.00	22.87 0.32 0.00	24.70 0.29 0.00	27.25 0.38 0.00	27.65 0.49 0.00	28.61 0.48 0.00	28.77 0.28 0.00	29.64 0.41 0.00	33.14 0.49 0.00	35.46 0.42 0.00	37.73 0.52 0.00	40.45 0.68 0.00	42.43 0.63 0.00	48.93 0.87 0.00	55.96 1.10 0.00	49.62 1.02 0.00	42.77 0.88 0.00	41.14 0.85 0.00	36.95 0.83 0.00	32.58 0.95 0.00	29.75 0.90 0.00
BETHLEHEM___GS3 323562	28.32 0.42 0.00	27.37 0.41 0.00	25.57 0.25 0.00	23.60 0.30 0.00	22.87 0.32 0.00	24.70 0.29 0.00	27.25 0.38 0.00	27.65 0.49 0.00	28.61 0.48 0.00	28.77 0.28 0.00	29.64 0.41 0.00	33.14 0.49 0.00	35.46 0.42 0.00	37.73 0.52 0.00	40.45 0.68 0.00	42.43 0.63 0.00	48.93 0.87 0.00	55.96 1.10 0.00	49.62 1.02 0.00	42.77 0.88 0.00	41.14 0.85 0.00	36.95 0.83 0.00	32.58 0.95 0.00	29.75 0.90 0.00
BETHLEHEM___STEEL 23779	27.68 -0.22 0.00	26.45 -0.51 0.00	24.28 -1.04 0.00	22.18 -1.12 0.00	21.61 -0.95 0.00	23.60 -0.81 0.00	25.59 -1.29 0.00	26.29 -0.87 0.00	27.76 -0.37 0.00	27.55 -0.94 0.00	28.99 -0.23 0.00	32.23 -0.42 0.00	35.43 0.39 0.00	35.98 -1.23 0.00	38.38 -1.39 0.00	40.94 -0.88 -0.01	48.16 0.10 -0.01	54.43 -0.44 0.00	47.87 -0.73 0.00	38.98 -2.39 0.52	38.24 -2.01 0.04	34.88 -1.23 0.01	30.74 -0.89 0.00	28.14 -0.72 0.00
BETHLHEM_115KV_TB1 79974	28.38 0.47 0.00	27.42 0.46 0.00	25.62 0.30 0.00	23.67 0.37 0.00	22.92 0.36 0.00	24.74 0.34 0.00	27.31 0.43 0.00	27.73 0.57 0.00	28.69 0.56 0.00	29.00 0.51 0.00	29.72 0.50 0.00	33.24 0.59 0.00	35.57 0.53 0.00	37.88 0.67 0.00	40.53 0.76 0.00	42.52 0.71 0.00	49.02 0.96 0.00	56.07 1.21 0.00	49.77 1.17 0.00	42.85 0.96 0.00	41.22 0.93 0.00	37.02 0.90 0.00	32.61 0.98 0.00	29.75 0.89 0.00
BETHPAGE_CC_5 323564	35.57 2.18 -5.49	30.04 2.00 -1.08	27.18 1.75 -0.11	25.11 1.33 -0.49	23.98 1.42 0.00	26.19 1.66 -0.13	28.82 1.94 0.00	29.46 2.31 0.00	33.17 2.62 -2.42	35.51 2.53 -4.49	34.63 2.83 -2.57	36.59 3.17 -0.77	38.34 3.29 0.00	44.32 3.50 -3.62	44.80 3.78 -1.25	53.62 3.76 -8.05	67.58 4.81 -14.72	69.71 5.49 -9.36	54.17 4.71 -0.85	45.49 3.60 0.00	43.52 3.22 0.00	39.19 3.07 0.00	34.68 2.91 -0.14	33.94 2.57 -2.51
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.76 -0.14 0.00	26.53 -0.43 0.00	24.36 -0.96 0.00	22.23 -1.07 0.00	21.65 -0.90 0.00	23.67 -0.73 0.00	25.67 -1.21 0.00	26.37 -0.79 0.00	27.85 -0.28 0.00	27.63 -0.85 0.00	29.08 -0.15 0.00	32.36 -0.29 0.00	35.57 0.53 0.00	36.13 -1.08 0.00	38.54 -1.23 0.00	41.15 -0.67 -0.01	48.45 0.38 -0.01	54.70 -0.16 0.00	48.11 -0.49 0.00	39.03 -2.35 0.51	38.32 -1.93 0.04	34.99 -1.12 0.01	30.84 -0.79 0.00	28.22 -0.63 0.00

BINGHAMTON___COGEN 23790	28.38 0.47 0.00	27.28 0.32 0.00	25.45 0.13 0.00	23.37 0.07 0.00	22.65 0.09 0.00	24.57 0.17 0.00	27.07 0.19 0.00	27.54 0.38 0.00	28.55 0.42 0.00	28.89 0.40 0.00	29.75 0.53 0.00	33.24 0.59 0.00	35.81 0.77 0.00	37.76 0.56 0.00	40.37 0.60 0.00	42.60 0.79 0.00	49.36 1.30 0.00	56.24 1.37 0.00	49.67 1.07 0.00	42.12 0.38 0.14	40.72 0.44 0.01	36.58 0.47 0.00	32.07 0.44 0.00	29.23 0.38 0.00
BIXINCNT_115KV_LOAD 355685	27.96 0.06 0.00	26.64 -0.32 0.00	24.41 -0.91 0.00	22.30 -1.00 0.00	21.70 -0.86 0.00	23.74 -0.66 0.00	25.80 -1.08 0.00	26.51 -0.65 0.00	27.93 -0.20 0.00	27.72 -0.77 0.00	29.20 -0.03 0.00	32.52 -0.13 0.00	35.78 0.74 0.00	36.46 -0.74 0.00	38.82 -0.95 0.00	41.39 -0.42 -0.01	48.79 0.72 -0.01	54.98 0.11 0.00	48.26 -0.34 0.00	38.67 -2.72 0.49	38.08 -2.18 0.04	34.77 -1.34 0.01	30.59 -1.04 0.00	28.02 -0.84 0.00
BLACK RIVER___HYD 24047	27.60 -0.31 0.00	26.56 -0.40 0.00	24.89 -0.43 0.00	22.83 -0.47 0.00	22.13 -0.43 0.00	23.91 -0.49 0.00	26.42 -0.46 0.00	26.70 -0.46 0.00	27.54 -0.59 0.00	27.98 -0.51 0.00	28.52 -0.70 0.00	31.77 -0.88 0.00	34.10 -0.94 0.00	36.31 -0.89 0.00	38.62 -1.15 0.00	40.80 -1.00 0.00	46.72 -0.96 0.38	54.26 -0.60 0.00	48.31 -0.29 0.00	41.91 -0.08 -0.11	40.26 -0.04 -0.01	36.01 -0.11 0.00	31.09 -0.54 0.00	28.34 -0.52 0.00
BLACKRVR_115KV_TB2 79977	27.60 -0.31 0.00	26.56 -0.40 0.00	24.89 -0.43 0.00	22.81 -0.49 0.00	22.13 -0.43 0.00	23.91 -0.49 0.00	26.39 -0.48 0.00	26.70 -0.46 0.00	27.54 -0.59 0.00	27.89 -0.60 0.00	28.52 -0.70 0.00	31.77 -0.88 0.00	34.10 -0.95 0.00	36.28 -0.93 0.00	38.62 -1.15 0.00	40.80 -1.00 0.00	46.71 -0.96 0.38	54.26 -0.60 0.00	48.31 -0.29 0.00	41.91 -0.08 -0.11	40.26 -0.04 -0.01	36.01 -0.11 0.00	31.09 -0.54 0.00	28.34 -0.52 0.00
BLISS_WT_PWR 323608	27.96 0.06 0.00	26.61 -0.35 0.00	24.43 -0.89 0.00	22.67 -0.63 0.00	21.65 -0.90 0.00	23.74 -0.66 0.00	25.96 -0.91 0.00	26.75 -0.41 0.00	27.88 -0.25 0.00	29.12 0.63 0.00	29.31 0.09 0.00	32.46 -0.19 0.00	35.74 0.70 0.00	37.17 -0.04 0.00	38.78 -0.99 0.00	41.35 -0.46 -0.01	48.69 0.62 -0.01	54.87 0.00 0.00	48.21 -0.39 0.00	38.55 -2.85 0.49	37.96 -2.30 0.04	34.63 -1.48 0.01	30.43 -1.20 0.00	27.88 -0.98 0.00
BLUESTONE___WT_PWR 323821	29.80 1.90 0.00	28.63 1.67 0.00	26.66 1.34 0.00	24.46 1.16 0.00	23.66 1.11 0.00	25.67 1.27 0.00	28.41 1.53 0.00	28.95 1.79 0.00	29.84 1.72 0.00	30.37 1.88 0.00	30.95 1.72 0.00	34.51 1.86 0.00	37.25 2.21 0.00	39.55 2.35 0.00	42.08 2.31 0.00	44.48 2.68 0.00	51.71 3.65 0.00	59.37 4.50 0.00	52.63 4.03 0.00	44.66 2.89 0.12	43.06 2.78 0.01	38.57 2.46 0.00	33.59 1.96 0.00	30.59 1.73 0.00
BLUE_CIRC_CHEM_DRP 24182	28.68 0.78 0.00	27.72 0.75 0.00	25.93 0.61 0.00	23.90 0.61 0.00	23.14 0.59 0.00	24.99 0.59 0.00	27.58 0.70 0.00	27.97 0.81 0.00	28.86 0.73 0.00	29.12 0.63 0.00	29.78 0.56 0.00	33.27 0.62 0.00	35.60 0.56 0.00	37.91 0.71 0.00	40.61 0.84 0.00	42.64 0.84 0.00	49.21 1.15 0.00	56.40 1.54 0.00	50.15 1.56 0.00	43.23 1.34 0.00	41.62 1.33 0.00	37.38 1.26 0.00	32.80 1.17 0.00	29.98 1.13 0.00
BOC_GAS_DRP 24189	28.52 0.61 0.00	27.53 0.57 0.00	25.75 0.43 0.00	23.76 0.47 0.00	22.99 0.43 0.00	24.84 0.44 0.00	27.42 0.54 0.00	27.86 0.71 0.00	28.83 0.70 0.00	29.17 0.68 0.00	29.90 0.67 0.00	33.44 0.78 0.00	35.78 0.74 0.00	38.10 0.89 0.00	40.73 0.95 0.00	42.73 0.92 0.00	49.26 1.20 0.00	56.29 1.43 0.00	49.91 1.31 0.00	42.98 1.09 0.00	41.34 1.05 0.00	37.09 0.98 0.00	32.58 0.95 0.00	29.72 0.87 0.00
BOONVILLE_115KV_TB1 79983	28.46 0.56 0.00	27.39 0.43 0.00	25.68 0.35 0.00	23.55 0.26 0.00	22.83 0.27 0.00	24.69 0.29 0.00	27.23 0.35 0.00	27.62 0.46 0.00	28.55 0.42 0.00	28.89 0.40 0.00	29.61 0.38 0.00	33.01 0.36 0.00	35.46 0.42 0.00	37.73 0.52 0.00	40.25 0.48 0.00	42.39 0.59 0.00	48.76 0.91 0.21	56.24 1.37 0.00	49.86 1.26 0.00	42.89 1.01 0.00	41.26 0.97 0.00	36.95 0.83 0.00	32.04 0.41 0.00	29.18 0.32 0.00
BORALEX_4TH_BRANCH 23824	29.44 1.53 0.00	28.44 1.48 0.00	26.59 1.27 0.00	24.46 1.16 0.00	23.68 1.13 0.00	25.62 1.22 0.00	28.36 1.48 0.00	28.79 1.63 0.00	29.76 1.63 0.00	29.94 1.45 0.00	30.69 1.46 0.00	34.32 1.67 0.00	36.62 1.58 0.00	38.92 1.71 0.00	41.64 1.87 0.00	43.73 1.92 0.00	50.27 2.21 0.00	57.55 2.69 0.00	51.08 2.48 0.00	44.15 2.26 0.00	42.47 2.18 0.00	38.25 2.13 0.00	33.46 1.83 0.00	30.59 1.73 0.00
BOWLINE___1 23526	29.33 1.42 0.00	28.26 1.29 0.00	26.41 1.09 0.00	24.16 0.86 0.00	23.46 0.90 0.00	25.43 1.02 0.00	28.22 1.34 0.00	28.79 1.63 0.00	29.90 1.77 0.00	30.17 1.68 0.00	31.15 1.93 0.00	34.77 2.12 0.00	37.22 2.17 0.00	39.59 2.38 0.00	42.40 2.62 0.00	44.40 2.59 0.00	51.52 3.46 0.00	58.76 3.90 0.00	51.91 3.31 0.00	44.44 2.56 0.00	42.71 2.42 0.00	38.21 2.09 0.00	33.59 1.96 0.00	30.59 1.73 0.00
BOWLINE___2 23595	29.33 1.42 0.00	28.26 1.29 0.00	26.41 1.09 0.00	24.18 0.89 0.00	23.46 0.90 0.00	25.43 1.02 0.00	28.22 1.34 0.00	28.81 1.66 0.00	29.93 1.80 0.00	30.20 1.71 0.00	31.18 1.96 0.00	34.84 2.19 0.00	37.29 2.24 0.00	39.66 2.46 0.00	42.48 2.71 0.00	44.48 2.68 0.00	51.62 3.56 0.00	58.87 4.00 0.00	52.00 3.40 0.00	44.48 2.60 0.00	42.79 2.50 0.00	38.28 2.17 0.00	33.62 1.99 0.00	30.62 1.76 0.00
BRADY___115KV_TB2 356060	27.54 -0.36 0.00	26.75 -0.22 0.00	25.35 0.03 0.00	23.32 0.02 0.00	22.53 -0.02 0.00	24.38 -0.02 0.00	26.85 -0.03 0.00	26.83 -0.33 0.00	27.71 -0.42 0.00	28.12 -0.37 0.00	28.67 -0.56 0.00	31.97 -0.69 0.00	34.27 -0.77 0.00	36.54 -0.67 0.00	39.06 -0.72 0.00	41.05 -0.75 0.00	44.43 -1.73 1.90	52.89 -1.98 0.00	47.04 -1.56 0.00	41.38 -0.50 0.00	39.81 -0.48 0.00	35.65 -0.47 0.00	31.03 -0.60 0.00	28.48 -0.38 0.00
BRANSCOMB___SOLAR 323811	29.88 1.98 0.00	28.82 1.86 0.00	26.87 1.54 0.00	24.67 1.37 0.00	23.86 1.31 0.00	25.89 1.49 0.00	28.76 1.88 0.00	29.03 1.87 0.00	30.01 1.88 0.00	30.14 1.65 0.00	30.89 1.67 0.00	34.58 1.93 0.00	36.93 1.89 0.00	39.29 2.08 0.00	42.12 2.35 0.00	44.40 2.59 0.00	51.28 3.22 0.00	58.87 4.00 0.00	52.59 3.99 0.00	45.32 3.44 0.00	43.72 3.42 0.00	39.15 3.03 0.00	34.16 2.53 0.00	31.22 2.37 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.01 2.62 -5.49	30.47 2.43 -1.08	27.58 2.15 -0.11	25.72 1.93 -0.49	24.34 1.78 0.00	26.63 2.10 -0.13	29.16 2.28 0.00	30.01 2.85 0.00	33.59 3.04 -2.42	36.20 3.22 -4.49	34.95 3.16 -2.57	36.82 3.40 -0.77	38.62 3.57 0.00	44.88 4.06 -3.61	45.20 4.18 -1.25	50.30 4.22 -4.27	59.81 5.29 -6.46	65.07 6.09 -4.11	54.75 5.30 -0.86	45.99 4.10 0.00	44.08 3.79 0.00	39.62 3.47 -0.03	35.09 3.32 -0.14	34.34 2.97 -2.51

BRISTLHL_115KV_TB1 79998	27.62 -0.28 0.00	26.58 -0.38 0.00	24.84 -0.48 0.00	22.83 -0.47 0.00	22.13 -0.43 0.00	23.96 -0.44 0.00	26.39 -0.48 0.00	26.70 -0.46 0.00	27.65 -0.48 0.00	27.98 -0.51 0.00	28.79 -0.44 0.00	32.19 -0.46 0.00	34.62 -0.42 0.00	36.62 -0.60 -0.01	39.14 -0.64 -0.01	41.30 -0.50 0.00	47.63 -0.38 0.05	54.37 -0.49 0.00	48.11 -0.49 0.00	41.69 -0.63 -0.43	39.76 -0.56 -0.04	35.58 -0.54 -0.01	31.19 -0.44 0.00	28.40 -0.46 0.00
BROOKHAVEN___DRP 24191	35.76 2.37 -5.49	30.23 2.18 -1.08	27.38 1.95 -0.11	25.56 1.77 -0.49	24.16 1.60 0.00	26.46 1.93 -0.13	28.95 2.07 0.00	29.74 2.58 0.00	33.23 2.67 -2.42	35.83 2.85 -4.49	34.66 2.86 -2.57	36.59 3.17 -0.77	38.37 3.33 0.00	44.62 3.83 -3.58	45.13 4.10 -1.26	49.80 4.14 -3.85	58.87 5.29 -5.52	64.48 6.09 -3.52	54.76 5.30 -0.86	45.96 4.06 -0.01	43.88 3.59 0.00	39.41 3.29 0.00	34.90 3.13 -0.14	34.11 2.74 -2.51
BROOKLYN_NAVY_YARD 23515	29.69 1.79 0.00	28.55 1.59 0.00	26.64 1.32 0.00	24.39 1.10 0.00	23.66 1.11 0.00	25.67 1.27 0.00	28.57 1.69 0.00	29.22 2.06 0.00	30.46 2.33 0.00	30.74 2.25 0.00	31.77 2.54 0.00	35.53 2.87 0.00	38.06 3.01 0.00	40.41 3.20 0.00	43.23 3.46 0.00	45.15 3.35 0.00	52.63 4.57 0.00	59.97 5.10 0.00	52.88 4.28 0.00	45.24 3.35 0.00	43.55 3.26 0.00	38.90 2.78 0.00	34.19 2.56 0.00	31.08 2.22 0.00
BROOKLYN___ARMY_DRP 323595	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
BROOKVLE_69_KV_TB1 55790	35.76 2.37 -5.49	30.20 2.16 -1.08	27.30 1.87 -0.11	25.47 1.68 -0.49	24.11 1.56 0.00	26.31 1.78 -0.13	28.92 2.04 0.00	29.74 2.58 0.00	33.39 2.84 -2.42	36.05 3.08 -4.49	35.01 3.21 -2.57	37.08 3.66 -0.77	38.90 3.85 0.00	45.13 4.17 -3.76	45.44 4.41 -1.25	70.03 4.47 -23.75	102.70 5.62 -49.02	92.40 6.36 -31.17	54.90 5.44 -0.85	46.08 4.19 0.00	44.08 3.79 0.00	39.62 3.50 0.00	34.96 3.19 -0.14	34.20 2.83 -2.51
BROOME_2_LFGE 323671	28.38 0.47 0.00	27.29 0.32 0.00	25.45 0.13 0.00	23.44 0.14 0.00	22.65 0.09 0.00	24.57 0.17 0.00	27.12 0.24 0.00	27.59 0.43 0.00	28.55 0.42 0.00	29.15 0.66 0.00	29.78 0.55 0.00	33.24 0.59 0.00	35.81 0.77 0.00	37.88 0.67 0.00	40.37 0.60 0.00	42.60 0.79 0.00	49.36 1.30 0.00	56.24 1.37 0.00	49.72 1.12 0.00	42.12 0.38 0.14	40.72 0.44 0.01	36.58 0.47 0.00	32.07 0.44 0.00	29.23 0.37 0.00
BROOME___LFGE 323600	28.38 0.47 0.00	27.29 0.32 0.00	25.45 0.13 0.00	23.44 0.14 0.00	22.65 0.09 0.00	24.57 0.17 0.00	27.12 0.24 0.00	27.59 0.43 0.00	28.55 0.42 0.00	29.15 0.66 0.00	29.78 0.55 0.00	33.24 0.59 0.00	35.81 0.77 0.00	37.88 0.67 0.00	40.37 0.60 0.00	42.60 0.79 0.00	49.36 1.30 0.00	56.24 1.37 0.00	49.72 1.12 0.00	42.12 0.38 0.14	40.72 0.44 0.01	36.58 0.47 0.00	32.07 0.44 0.00	29.23 0.37 0.00
BROWNFLS_115KV_TB_3_5 80003	27.04 -0.87 0.00	26.15 -0.81 0.00	24.64 -0.68 0.00	22.64 -0.65 0.00	21.93 -0.63 0.00	23.72 -0.68 0.00	26.18 -0.70 0.00	26.34 -0.81 0.00	27.17 -0.96 0.00	27.58 -0.91 0.00	28.17 -1.05 0.00	31.38 -1.27 0.00	33.57 -1.47 0.00	35.83 -1.38 0.00	38.22 -1.55 0.00	40.22 -1.59 0.00	44.86 -2.21 0.99	52.62 -2.25 0.00	46.80 -1.80 0.00	40.80 -1.09 0.00	39.24 -1.05 0.00	35.10 -1.01 0.00	30.43 -1.20 0.00	27.88 -0.98 0.00
BROWNSV1_27_KV_LOAD 356125	29.94 2.04 0.00	28.77 1.81 0.00	26.87 1.54 0.00	24.67 1.37 0.00	23.87 1.31 0.00	25.87 1.46 0.00	28.76 1.88 0.00	29.52 2.36 0.00	30.72 2.59 0.00	31.37 2.88 0.00	32.09 2.86 0.00	35.85 3.20 0.00	38.41 3.36 0.00	40.93 3.72 0.00	43.63 3.86 0.00	45.61 3.80 0.00	53.11 5.05 0.00	60.52 5.65 0.00	53.41 4.81 0.00	45.61 3.73 0.00	43.96 3.67 0.00	39.26 3.14 0.00	34.51 2.88 0.00	31.37 2.51 0.00
BURROWS___LYONSDAL 23803	28.27 0.36 0.00	27.23 0.27 0.00	25.52 0.20 0.00	23.41 0.12 0.00	22.69 0.14 0.00	24.55 0.15 0.00	27.09 0.22 0.00	27.43 0.27 0.00	28.35 0.23 0.00	28.69 0.20 0.00	29.37 0.15 0.00	32.78 0.13 0.00	35.22 0.18 0.00	37.47 0.26 0.00	39.93 0.16 0.00	42.10 0.29 0.00	48.31 0.53 0.28	55.80 0.93 0.00	49.52 0.92 0.00	42.64 0.75 0.00	41.02 0.73 0.00	36.73 0.61 0.00	31.76 0.13 0.00	28.94 0.09 0.00
CAITHNESS_CC_1 323624	35.71 2.31 -5.49	30.17 2.13 -1.08	27.35 1.92 -0.11	25.21 1.42 -0.49	24.11 1.56 0.00	26.41 1.88 -0.13	28.95 2.07 0.00	29.57 2.42 0.00	33.20 2.64 -2.42	35.51 2.53 -4.49	34.60 2.81 -2.57	36.53 3.10 -0.77	38.26 3.22 0.00	44.44 3.65 -3.58	45.01 3.98 -1.26	49.66 4.01 -3.84	58.65 5.09 -5.50	64.25 5.87 -3.51	54.56 5.10 -0.86	45.83 3.94 -0.01	43.72 3.42 0.00	39.33 3.21 0.00	34.84 3.07 -0.14	34.08 2.71 -2.51
CALPINE BETH_PAGE_GT4 24209	35.54 2.15 -5.49	30.01 1.97 -1.08	27.13 1.70 -0.11	25.30 1.51 -0.49	23.96 1.40 0.00	26.14 1.61 -0.13	28.73 1.85 0.00	29.55 2.39 0.00	33.14 2.59 -2.42	35.77 2.79 -4.49	34.66 2.86 -2.57	36.59 3.17 -0.77	38.37 3.33 0.00	44.41 3.57 -3.63	44.76 3.74 -1.25	55.43 3.72 -9.90	71.58 4.76 -18.76	72.23 5.43 -11.93	54.12 4.67 -0.85	45.45 3.56 0.00	43.48 3.18 0.00	39.22 3.11 0.00	34.68 2.91 -0.14	33.94 2.57 -2.51
CALPINE_BETH_PAGE_GT_4 323586	35.54 2.15 -5.49	30.01 1.97 -1.08	27.13 1.70 -0.11	25.07 1.28 -0.49	23.96 1.40 0.00	26.14 1.61 -0.13	28.76 1.88 0.00	29.44 2.28 0.00	33.14 2.59 -2.42	35.51 2.53 -4.49	34.63 2.83 -2.57	36.63 3.20 -0.77	38.37 3.33 0.00	44.30 3.46 -3.63	44.76 3.74 -1.25	55.43 3.72 -9.90	71.58 4.76 -18.76	72.23 5.43 -11.93	54.12 4.67 -0.85	45.45 3.56 0.00	43.47 3.18 0.00	39.22 3.11 0.00	34.68 2.91 -0.14	33.94 2.57 -2.51
CALPINE_BP_GT1 23823	35.54 2.15 -5.49	30.01 1.97 -1.08	27.13 1.70 -0.11	25.07 1.28 -0.49	23.96 1.40 0.00	26.14 1.61 -0.13	28.76 1.88 0.00	29.44 2.28 0.00	33.14 2.59 -2.42	35.51 2.53 -4.49	34.63 2.83 -2.57	36.63 3.20 -0.77	38.37 3.33 0.00	44.30 3.46 -3.63	44.76 3.74 -1.25	55.43 3.72 -9.90	71.58 4.76 -18.76	72.23 5.43 -11.93	54.12 4.67 -0.85	45.45 3.56 0.00	43.47 3.18 0.00	39.22 3.11 0.00	34.68 2.91 -0.14	33.94 2.57 -2.51
CALSPAN___DRP 24200	27.68 -0.22 0.00	26.45 -0.51 0.00	24.28 -1.04 0.00	22.18 -1.12 0.00	21.61 -0.95 0.00	23.60 -0.81 0.00	25.59 -1.29 0.00	26.29 -0.87 0.00	27.76 -0.37 0.00	27.55 -0.94 0.00	28.99 -0.23 0.00	32.23 -0.42 0.00	35.43 0.39 0.00	35.98 -1.23 0.00	38.38 -1.39 0.00	40.94 -0.88 -0.01	48.16 0.10 -0.01	54.43 -0.44 0.00	47.87 -0.73 0.00	38.98 -2.39 0.52	38.24 -2.01 0.04	34.88 -1.23 0.01	30.74 -0.89 0.00	28.14 -0.72 0.00

CALVERTON___SOLAR 323806	35.87 2.48 -5.49	30.33 2.29 -1.08	27.48 2.05 -0.11	25.30 1.51 -0.49	24.23 1.67 0.00	26.53 2.00 -0.13	29.06 2.18 0.00	29.68 2.53 0.00	33.28 2.73 -2.42	35.63 2.65 -4.49	34.75 2.95 -2.57	36.76 3.33 -0.77	38.55 3.50 0.00	44.73 3.94 -3.58	45.37 4.34 -1.26	50.05 4.39 -3.86	59.16 5.57 -5.53	64.86 6.47 -3.53	55.10 5.63 -0.86	46.21 4.32 -0.01	44.08 3.79 0.00	39.62 3.50 0.00	35.03 3.26 -0.14	34.23 2.86 -2.51
CANDIGU_WT_PWR 323617	27.74 -0.17 0.00	26.53 -0.43 0.00	24.49 -0.83 0.00	22.67 -0.63 0.00	21.70 -0.86 0.00	23.74 -0.66 0.00	26.02 -0.86 0.00	26.72 -0.44 0.00	27.71 -0.42 0.00	28.86 0.37 0.00	29.11 -0.12 0.00	32.33 -0.33 0.00	35.32 0.28 0.00	36.68 -0.52 0.00	38.66 -1.11 0.00	41.22 -0.59 0.00	48.35 0.29 0.00	54.76 -0.11 0.00	48.31 -0.29 0.00	39.52 -1.97 0.40	38.57 -1.69 0.03	35.03 -1.08 0.01	30.78 -0.85 0.00	28.05 -0.81 0.00
CARR STREET_E_SYR 24060	27.88 -0.03 0.00	26.83 -0.13 0.00	25.07 -0.25 0.00	23.09 -0.21 0.00	22.31 -0.25 0.00	24.18 -0.22 0.00	26.69 -0.19 0.00	27.02 -0.14 0.00	27.96 -0.17 0.00	28.52 0.03 0.00	29.17 -0.06 0.00	32.59 -0.07 0.00	35.08 0.04 0.00	37.17 -0.04 0.00	39.53 -0.24 0.00	41.72 -0.08 0.00	48.17 0.14 0.04	54.92 0.05 0.00	48.60 0.00 0.00	41.34 -0.29 0.26	40.03 -0.24 0.02	35.97 -0.14 0.00	31.50 -0.13 0.00	28.69 -0.17 0.00
CARTHAGE___PAPER 23857	27.51 -0.39 0.00	26.50 -0.46 0.00	24.87 -0.46 0.00	22.81 -0.49 0.00	22.13 -0.43 0.00	23.91 -0.49 0.00	26.40 -0.48 0.00	26.67 -0.49 0.00	27.51 -0.62 0.00	27.92 -0.57 0.00	28.47 -0.76 0.00	31.70 -0.95 0.00	34.03 -1.02 0.00	36.24 -0.97 0.00	38.58 -1.19 0.00	40.72 -1.09 0.00	46.41 -1.20 0.45	53.93 -0.93 0.00	48.02 -0.58 0.00	41.72 -0.25 -0.08	40.10 -0.20 -0.01	35.87 -0.25 0.00	30.93 -0.70 0.00	28.20 -0.66 0.00
CASSADAGA_WT_PWR 323784	28.52 0.61 0.00	27.18 0.21 0.00	24.87 -0.46 0.00	23.04 -0.26 0.00	21.97 -0.59 0.00	24.04 -0.37 0.00	26.26 -0.62 0.00	27.27 0.11 0.00	28.47 0.34 0.00	29.91 1.42 0.00	30.02 0.79 0.00	33.24 0.59 0.00	36.48 1.44 0.00	37.84 0.63 0.00	39.53 -0.24 0.00	42.23 0.42 -0.01	49.61 1.54 -0.01	55.91 1.04 0.00	49.19 0.59 0.00	39.71 -1.68 0.50	38.96 -1.29 0.04	35.57 -0.54 0.01	31.31 -0.32 0.00	28.54 -0.32 0.00
CE_DUNWOOD___DRP 24194	29.55 1.65 0.00	28.42 1.46 0.00	26.59 1.27 0.00	24.42 1.12 0.00	23.62 1.06 0.00	25.57 1.17 0.00	28.38 1.51 0.00	29.09 1.93 0.00	30.18 2.05 0.00	30.77 2.28 0.00	31.51 2.28 0.00	35.17 2.51 0.00	37.67 2.63 0.00	40.15 2.94 0.00	42.83 3.06 0.00	44.86 3.05 0.00	52.10 4.04 0.00	59.42 4.55 0.00	52.44 3.84 0.00	44.86 2.97 0.00	43.15 2.86 0.00	38.61 2.49 0.00	33.91 2.28 0.00	30.88 2.02 0.00
CE_MILLWOOD___DRP 24193	29.49 1.59 0.00	28.39 1.43 0.00	26.54 1.22 0.00	24.37 1.07 0.00	23.57 1.02 0.00	25.55 1.15 0.00	28.30 1.42 0.00	29.00 1.85 0.00	30.10 1.97 0.00	30.65 2.17 0.00	31.39 2.16 0.00	35.07 2.42 0.00	37.57 2.52 0.00	40.03 2.83 0.00	42.71 2.94 0.00	44.73 2.93 0.00	51.95 3.89 0.00	59.26 4.39 0.00	52.34 3.74 0.00	44.78 2.89 0.00	43.07 2.78 0.00	38.50 2.38 0.00	33.81 2.18 0.00	30.79 1.93 0.00
CE_NYC2_DRP 24202	29.84 1.93 -0.01	28.66 1.70 0.00	26.76 1.44 0.00	24.56 1.26 0.00	23.75 1.20 0.00	25.70 1.29 0.00	28.57 1.69 0.00	29.36 2.20 0.00	30.52 2.39 0.00	31.20 2.71 -0.01	31.92 2.69 -0.01	35.66 3.00 -0.01	38.13 3.08 0.00	40.63 3.42 0.00	43.27 3.50 0.00	45.19 3.39 0.00	52.63 4.57 0.00	59.91 5.05 0.00	52.83 4.23 0.00	45.24 3.35 0.00	43.56 3.26 0.00	38.90 2.78 0.00	34.35 2.72 0.00	31.26 2.40 -0.01
CE_NYC_DRP 24195	29.72 1.81 0.00	28.55 1.59 0.00	26.69 1.37 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.55 1.67 0.00	29.30 2.15 0.00	30.46 2.33 0.00	31.11 2.62 0.00	31.83 2.60 0.00	35.56 2.91 0.00	38.06 3.01 0.00	40.56 3.35 0.00	43.23 3.46 0.00	45.19 3.39 0.00	52.58 4.52 0.00	59.91 5.05 0.00	52.88 4.28 0.00	45.20 3.31 0.00	43.56 3.26 0.00	38.90 2.78 0.00	34.22 2.59 0.00	31.11 2.25 0.00
CHAFFEE___LFGE 323603	27.79 -0.11 0.00	26.53 -0.43 0.00	24.41 -0.91 0.00	22.69 -0.61 0.00	21.68 -0.88 0.00	23.74 -0.66 0.00	25.91 -0.97 0.00	26.75 -0.41 0.00	27.90 -0.23 0.00	29.29 0.80 0.00	29.31 0.09 0.00	32.42 -0.23 0.00	35.67 0.63 0.00	36.95 -0.26 0.00	38.62 -1.15 0.00	41.23 -0.59 -0.01	48.55 0.48 -0.01	54.81 -0.05 0.00	48.31 -0.29 0.00	39.16 -2.22 0.50	38.40 -1.85 0.04	35.06 -1.05 0.01	30.87 -0.76 0.00	28.22 -0.64 0.00
CHATEAUG_35_KV_LOAD 355732	27.54 -0.36 0.00	26.75 -0.22 0.00	25.37 0.05 0.00	23.34 0.05 0.00	22.53 -0.02 0.00	24.40 0.00 0.00	26.96 0.08 0.00	27.05 -0.11 0.00	28.02 -0.11 0.00	28.55 0.06 0.00	29.20 -0.03 0.00	32.65 0.00 0.00	35.04 0.00 0.00	37.32 0.11 0.00	39.93 0.16 0.00	41.97 0.17 0.00	47.65 0.17 0.22	54.59 -0.27 0.00	48.45 -0.15 0.00	41.93 0.04 0.00	40.25 -0.04 0.00	35.94 -0.18 0.00	31.22 -0.41 0.00	28.60 -0.26 0.00
CHATEAUG_WT_PWR 323614	27.49 -0.42 0.00	26.69 -0.27 0.00	25.32 0.00 0.00	23.25 -0.05 0.00	22.49 -0.07 0.00	24.35 -0.05 0.00	26.83 -0.05 0.00	27.02 -0.14 0.00	28.02 -0.11 0.00	28.52 0.03 0.00	29.20 -0.03 0.00	32.65 0.00 0.00	35.04 0.00 0.00	37.32 0.11 0.00	39.93 0.16 0.00	41.97 0.17 0.00	47.78 -0.19 0.08	54.54 -0.33 0.00	48.36 -0.24 0.00	41.85 -0.04 0.00	40.13 -0.16 0.00	35.83 -0.29 0.00	31.19 -0.44 0.00	28.57 -0.29 0.00
CHAT_HIGH_FALL_HYD 323578	27.54 -0.36 0.00	26.75 -0.22 0.00	25.37 0.05 0.00	23.34 0.05 0.00	22.53 -0.02 0.00	24.40 0.00 0.00	26.96 0.08 0.00	27.05 -0.11 0.00	28.02 -0.11 0.00	28.55 0.06 0.00	29.20 -0.03 0.00	32.65 0.00 0.00	35.04 0.00 0.00	37.32 0.11 0.00	39.93 0.16 0.00	41.97 0.17 0.00	47.65 -0.19 0.22	54.59 -0.27 0.00	48.45 -0.15 0.00	41.93 0.04 0.00	40.25 -0.04 0.00	35.94 -0.18 0.00	31.22 -0.41 0.00	28.60 -0.26 0.00
CHAUTAUQUA___LFGE 323629	28.15 0.25 0.00	26.88 -0.08 0.00	24.69 -0.63 0.00	22.90 -0.40 0.00	21.88 -0.68 0.00	23.99 -0.41 0.00	26.18 -0.70 0.00	27.08 -0.08 0.00	28.24 0.11 0.00	29.63 1.14 0.00	29.72 0.50 0.00	32.85 0.20 0.00	36.09 1.05 0.00	37.39 0.19 0.00	39.13 -0.64 0.00	41.77 -0.04 -0.01	49.12 1.06 -0.01	55.47 0.60 0.00	48.84 0.24 0.00	39.66 -1.72 0.50	38.84 -1.41 0.04	35.42 -0.69 0.01	31.19 -0.44 0.00	28.48 -0.38 0.00
CHERRYST_13_KV_LD 356241	29.80 1.90 0.00	28.66 1.70 0.00	26.76 1.44 0.00	24.58 1.28 0.00	23.77 1.22 0.00	25.79 1.39 0.00	28.65 1.77 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.25 2.76 0.00	31.97 2.75 0.00	35.72 3.07 0.00	38.27 3.22 0.00	40.74 3.53 0.00	43.43 3.66 0.00	45.40 3.60 0.00	52.87 4.81 0.00	60.19 5.32 0.00	53.12 4.52 0.00	45.36 3.48 0.00	43.72 3.42 0.00	39.04 2.93 0.00	34.32 2.69 0.00	31.22 2.37 0.00

CHESTROR_138KV_BK263 355645	29.19 1.28 0.00	28.09 1.13 0.00	26.28 0.96 0.00	24.14 0.84 0.00	23.37 0.81 0.00	25.28 0.88 0.00	28.01 1.13 0.00	28.62 1.47 0.00	29.68 1.55 0.00	30.20 1.71 0.00	30.92 1.70 0.00	34.55 1.89 0.00	37.01 1.96 0.00	39.44 2.23 0.00	42.16 2.39 0.00	44.15 2.34 0.00	51.18 3.12 0.00	58.43 3.57 0.00	51.66 3.06 0.00	44.23 2.35 0.00	42.55 2.26 0.00	38.07 1.95 0.00	33.40 1.77 0.00	30.42 1.56 0.00
CH_MIDHUDSON___DRP 24192	29.47 1.56 0.00	28.36 1.40 0.00	26.54 1.22 0.00	24.37 1.07 0.00	23.57 1.02 0.00	25.52 1.12 0.00	28.20 1.32 0.00	28.81 1.66 0.00	29.87 1.74 0.00	30.37 1.88 0.00	31.10 1.87 0.00	34.74 2.09 0.00	37.22 2.17 0.00	39.66 2.46 0.00	42.40 2.62 0.00	44.40 2.59 0.00	51.67 3.60 0.00	58.98 4.11 0.00	52.15 3.55 0.00	44.69 2.81 0.00	42.99 2.70 0.00	38.46 2.35 0.00	33.72 2.09 0.00	30.70 1.85 0.00
CH_MISC_IPPS 23765	29.63 1.73 0.00	28.50 1.54 0.00	26.66 1.34 0.00	24.39 1.10 0.00	23.66 1.11 0.00	25.62 1.22 0.00	28.49 1.61 0.00	29.00 1.85 0.00	30.18 2.05 0.00	30.45 1.96 0.00	31.45 2.22 0.00	35.17 2.51 0.00	37.78 2.74 0.00	40.22 3.01 0.00	43.11 3.34 0.00	45.15 3.35 0.00	52.10 4.04 0.00	59.48 4.61 0.00	52.53 3.93 0.00	44.99 3.10 0.00	43.27 2.98 0.00	38.72 2.60 0.00	33.88 2.25 0.00	30.88 2.02 0.00
CH_RES_BVR_FALLS 23983	27.49 -0.42 0.00	26.64 -0.32 0.00	25.12 -0.20 0.00	23.09 -0.21 0.00	22.35 -0.20 0.00	24.18 -0.22 0.00	26.58 -0.30 0.00	26.78 -0.38 0.00	27.76 -0.37 0.00	28.12 -0.37 0.00	28.82 -0.41 0.00	32.23 -0.43 0.00	34.55 -0.49 0.00	36.72 -0.48 0.00	39.25 -0.52 0.00	41.22 -0.59 0.00	47.17 -0.96 -0.07	53.71 -1.15 0.00	47.58 -1.02 0.00	41.13 -0.75 0.00	39.44 -0.85 0.00	35.25 -0.87 0.00	30.74 -0.89 0.00	28.02 -0.84 0.00
CH_RES_NIAGARA 23895	26.68 -1.23 0.00	25.59 -1.38 0.00	23.47 -1.85 0.00	21.46 -1.84 0.00	20.91 -1.65 0.00	22.82 -1.59 0.00	24.65 -2.23 0.00	25.26 -1.90 0.00	26.75 -1.38 0.00	26.44 -2.05 0.00	27.85 -1.37 0.00	30.86 -1.80 0.00	33.96 -1.09 0.00	34.30 -2.90 0.00	36.59 -3.18 0.00	39.05 -2.76 -0.01	45.90 -2.16 -0.01	51.90 -2.96 0.00	45.68 -2.92 0.00	37.82 -3.52 0.54	37.06 -3.18 0.04	33.58 -2.53 0.01	29.70 -1.93 0.00	27.16 -1.70 0.00
CH_RES_SYRACUSE 23985	28.10 0.20 0.00	27.04 0.08 0.00	25.27 -0.05 0.00	23.25 -0.05 0.00	22.47 -0.09 0.00	24.35 -0.05 0.00	26.91 0.03 0.00	27.24 0.08 0.00	28.16 0.03 0.00	28.72 0.23 0.00	29.37 0.15 0.00	32.85 0.20 0.00	35.36 0.31 0.00	37.47 0.26 0.00	39.97 0.20 0.00	42.18 0.38 0.00	48.60 0.58 0.03	55.42 0.55 0.00	49.09 0.49 0.00	41.97 0.08 0.00	40.41 0.12 0.00	36.22 0.11 0.00	31.69 0.06 0.00	28.89 0.03 0.00
CLINTON_WT_PWR 323605	27.49 -0.42 0.00	26.69 -0.27 0.00	25.32 0.00 0.00	23.25 -0.05 0.00	22.49 -0.07 0.00	24.35 -0.05 0.00	26.83 -0.05 0.00	27.02 -0.14 0.00	28.02 -0.11 0.00	28.52 0.03 0.00	29.20 -0.03 0.00	32.65 0.00 0.00	35.04 0.00 0.00	37.32 0.11 0.00	39.93 0.16 0.00	41.97 0.17 0.00	47.78 -0.19 0.08	54.54 -0.33 0.00	48.36 -0.24 0.00	41.85 -0.04 0.00	40.13 -0.16 0.00	35.83 -0.29 0.00	31.19 -0.44 0.00	28.57 -0.29 0.00
CLINTON___LFGE 323618	28.15 0.25 0.00	27.37 0.41 0.00	25.90 0.58 0.00	23.81 0.51 0.00	23.03 0.47 0.00	24.92 0.51 0.00	27.55 0.67 0.00	27.75 0.60 0.00	28.72 0.59 0.00	29.29 0.80 0.00	29.90 0.67 0.00	33.43 0.78 0.00	35.92 0.88 0.00	38.32 1.12 0.00	41.01 1.23 0.00	43.10 1.30 0.00	49.22 1.30 0.14	56.24 1.37 0.00	49.86 1.26 0.00	43.02 1.13 0.00	41.30 1.01 0.00	36.80 0.68 0.00	31.91 0.28 0.00	29.29 0.43 0.00
COBBLENY_34_KV_TB1 80064	27.79 -0.11 0.00	26.53 -0.43 0.00	24.36 -0.96 0.00	22.25 -1.05 0.00	21.68 -0.88 0.00	23.69 -0.71 0.00	25.67 -1.21 0.00	26.42 -0.73 0.00	27.90 -0.23 0.00	27.69 -0.80 0.00	29.14 -0.09 0.00	32.42 -0.23 0.00	35.64 0.60 0.00	36.20 -1.00 0.00	38.62 -1.15 0.00	41.23 -0.59 -0.01	48.55 0.48 -0.01	54.81 -0.05 0.00	48.21 -0.39 0.00	39.16 -2.22 0.50	38.40 -1.85 0.04	35.06 -1.05 0.01	30.87 -0.76 0.00	28.22 -0.63 0.00
COFFEEN___115KV_TB3 355620	27.82 -0.08 0.00	26.75 -0.22 0.00	25.04 -0.28 0.00	22.95 -0.35 0.00	22.24 -0.32 0.00	24.06 -0.34 0.00	26.53 -0.35 0.00	26.83 -0.33 0.00	27.68 -0.45 0.00	28.03 -0.46 0.00	28.64 -0.58 0.00	31.90 -0.75 0.00	34.27 -0.77 0.00	36.46 -0.74 0.00	38.78 -0.99 0.00	41.01 -0.79 0.00	47.01 -0.67 0.37	54.65 -0.22 0.00	48.70 0.10 0.00	42.30 0.29 -0.12	40.66 0.36 -0.01	36.33 0.22 0.00	31.35 -0.28 0.00	28.57 -0.29 0.00
COLDSPRG_115KV_BK1 355956	28.57 0.67 0.00	27.20 0.24 0.00	24.94 -0.38 0.00	22.76 -0.54 0.00	22.15 -0.41 0.00	24.26 -0.15 0.00	26.39 -0.48 0.00	27.29 0.14 0.00	28.72 0.59 0.00	28.66 0.17 0.00	30.07 0.85 0.00	33.50 0.85 0.00	36.69 1.65 0.00	37.43 0.22 0.00	39.89 0.12 0.00	42.57 0.75 -0.01	50.13 2.07 -0.01	56.51 1.65 0.00	49.67 1.07 0.00	39.81 -1.59 0.48	39.12 -1.13 0.04	35.89 -0.22 0.01	31.57 -0.06 0.00	28.86 0.00 0.00
COLONIE_LFGE___ 323577	29.19 1.28 0.00	28.20 1.24 0.00	26.33 1.01 0.00	24.20 0.91 0.00	23.46 0.90 0.00	25.38 0.98 0.00	28.12 1.24 0.00	28.46 1.30 0.00	29.45 1.32 0.00	29.57 1.08 0.00	30.42 1.20 0.00	34.02 1.37 0.00	36.37 1.33 0.00	38.66 1.45 0.00	41.44 1.67 0.00	43.56 1.76 0.00	50.17 2.11 0.00	57.45 2.58 0.00	51.03 2.43 0.00	43.98 2.09 0.00	42.35 2.05 0.00	38.03 1.91 0.00	33.31 1.68 0.00	30.42 1.56 0.00
COOPERNY_115KV_TB1 80082	28.85 0.95 0.00	27.80 0.84 0.00	26.00 0.68 0.00	23.90 0.61 0.00	23.14 0.59 0.00	25.04 0.63 0.00	27.69 0.81 0.00	28.24 1.09 0.00	29.28 1.15 0.00	29.77 1.28 0.00	30.51 1.29 0.00	34.06 1.40 0.00	36.51 1.47 0.00	38.88 1.67 0.00	41.52 1.75 0.00	43.56 1.76 0.00	50.42 2.35 0.00	57.55 2.69 0.00	50.93 2.33 0.00	43.65 1.76 0.00	41.94 1.65 0.00	37.56 1.44 0.00	32.96 1.33 0.00	30.01 1.15 0.00
COPENHAGEN_WT_PWR 323753	27.57 -0.33 0.00	26.56 -0.40 0.00	24.87 -0.46 0.00	22.81 -0.49 0.00	22.11 -0.45 0.00	23.91 -0.49 0.00	26.40 -0.48 0.00	26.70 -0.46 0.00	27.54 -0.59 0.00	28.01 -0.48 0.00	28.52 -0.70 0.00	31.80 -0.85 0.00	34.13 -0.91 0.00	36.35 -0.85 0.00	38.66 -1.11 0.00	40.85 -0.96 0.00	46.79 -0.91 0.35	54.21 -0.66 0.00	48.26 -0.34 0.00	41.84 -0.17 -0.12	40.22 -0.08 -0.01	35.94 -0.18 0.00	31.09 -0.54 0.00	28.34 -0.52 0.00
CORNELL_____ 23752	28.88 0.98 0.00	27.74 0.78 0.00	25.88 0.56 0.00	23.72 0.42 0.00	22.99 0.43 0.00	24.94 0.54 0.00	27.55 0.67 0.00	28.00 0.84 0.00	28.92 0.79 0.00	29.20 0.71 0.00	30.02 0.79 0.00	33.57 0.91 0.00	36.16 1.12 0.00	38.17 0.97 0.00	40.80 1.03 0.00	43.14 1.34 0.00	50.03 1.97 0.00	57.12 2.25 0.00	50.35 1.75 0.00	42.81 1.09 0.17	41.37 1.09 0.01	37.09 0.98 0.00	32.42 0.79 0.00	29.52 0.66 0.00

CORONA__69_KV_TB1 355595	35.62 2.23 -5.49	30.07 2.02 -1.08	27.18 1.75 -0.11	25.35 1.56 -0.49	24.00 1.44 0.00	26.19 1.66 -0.13	28.84 1.96 0.00	29.63 2.47 0.00	33.25 2.70 -2.42	35.91 2.93 -4.49	34.78 2.98 -2.57	36.79 3.36 -0.77	38.55 3.50 0.00	44.73 3.87 -3.65	45.12 4.10 -1.25	58.16 4.01 -12.34	77.43 5.29 -24.09	76.22 6.04 -15.32	54.65 5.20 -0.85	45.87 3.98 0.00	43.92 3.63 0.00	39.44 3.32 0.00	34.84 3.07 -0.14	34.08 2.71 -2.51
CORTLAND__115KV_TB3 80093	28.63 0.73 0.00	27.53 0.57 0.00	25.73 0.41 0.00	23.60 0.30 0.00	22.87 0.32 0.00	24.79 0.39 0.00	27.36 0.48 0.00	27.78 0.62 0.00	28.75 0.62 0.00	29.06 0.57 0.00	29.84 0.61 0.00	33.37 0.72 0.00	35.92 0.88 0.00	37.99 0.78 0.00	40.61 0.84 0.00	42.85 1.05 0.00	49.52 1.49 0.03	56.62 1.76 0.00	49.86 1.26 0.00	42.52 0.75 0.12	41.05 0.77 0.01	36.80 0.69 0.00	32.20 0.57 0.00	29.32 0.46 0.00
COXSACKIE__GT 23611	29.66 1.76 0.00	28.58 1.62 0.00	26.76 1.44 0.00	24.55 1.26 0.00	23.80 1.24 0.00	25.67 1.27 0.00	28.38 1.50 0.00	28.60 1.44 0.00	29.45 1.32 0.00	29.51 1.02 0.00	30.22 0.99 0.00	33.86 1.21 0.00	36.41 1.37 0.00	38.81 1.60 0.00	41.76 1.99 0.00	43.94 2.13 0.00	50.90 2.83 0.00	58.65 3.78 0.00	52.34 3.74 0.00	45.16 3.27 0.00	43.55 3.26 0.00	39.01 2.89 0.00	33.97 2.34 0.00	31.08 2.22 0.00
CPV_VALLEY__CC1 323721	28.96 1.06 0.00	27.90 0.94 0.00	26.11 0.79 0.00	23.93 0.63 0.00	23.21 0.65 0.00	25.13 0.73 0.00	27.87 1.00 0.00	28.38 1.22 0.00	29.48 1.35 0.00	29.74 1.25 0.00	30.69 1.46 0.00	34.28 1.63 0.00	36.72 1.68 0.00	39.03 1.82 0.00	41.80 2.03 0.00	43.81 2.01 0.00	50.75 2.69 0.00	57.94 3.07 0.00	51.17 2.57 0.00	43.86 1.97 0.00	42.19 1.89 0.00	37.74 1.63 0.00	33.15 1.52 0.00	30.19 1.33 0.00
CPV_VALLEY__CC2 323722	28.96 1.06 0.00	27.90 0.94 0.00	26.11 0.79 0.00	23.93 0.63 0.00	23.21 0.65 0.00	25.13 0.73 0.00	27.87 1.00 0.00	28.38 1.22 0.00	29.48 1.35 0.00	29.74 1.25 0.00	30.69 1.46 0.00	34.28 1.63 0.00	36.72 1.68 0.00	39.03 1.82 0.00	41.80 2.03 0.00	43.81 2.01 0.00	50.75 2.69 0.00	57.94 3.07 0.00	51.17 2.57 0.00	43.86 1.97 0.00	42.19 1.89 0.00	37.74 1.63 0.00	33.15 1.52 0.00	30.19 1.33 0.00
CRESCENT__HYD 24018	29.19 1.28 0.00	28.20 1.24 0.00	26.33 1.01 0.00	24.20 0.91 0.00	23.46 0.90 0.00	25.38 0.98 0.00	28.12 1.24 0.00	28.46 1.30 0.00	29.45 1.32 0.00	29.57 1.08 0.00	30.42 1.20 0.00	34.02 1.37 0.00	36.37 1.33 0.00	38.66 1.45 0.00	41.44 1.67 0.00	43.56 1.76 0.00	50.17 2.11 0.00	57.45 2.58 0.00	51.03 2.43 0.00	43.98 2.09 0.00	42.35 2.05 0.00	38.03 1.91 0.00	33.31 1.68 0.00	30.42 1.56 0.00
CRICKET__VALLEY_CC1 323756	29.27 1.37 0.00	28.23 1.27 0.00	26.38 1.06 0.00	24.20 0.91 0.00	23.48 0.93 0.00	25.40 1.00 0.00	28.17 1.29 0.00	28.68 1.52 0.00	29.76 1.63 0.00	29.89 1.40 0.00	30.86 1.64 0.00	34.51 1.86 0.00	36.90 1.86 0.00	39.18 1.97 0.00	42.00 2.23 0.00	43.98 2.17 0.00	50.85 2.79 0.00	58.10 3.24 0.00	51.37 2.77 0.00	44.19 2.30 0.00	42.47 2.17 0.00	38.14 2.02 0.00	33.43 1.80 0.00	30.50 1.64 0.00
CRICKET__VALLEY_CC2 323757	29.27 1.37 0.00	28.23 1.27 0.00	26.38 1.06 0.00	24.20 0.91 0.00	23.48 0.93 0.00	25.40 1.00 0.00	28.17 1.29 0.00	28.68 1.52 0.00	29.76 1.63 0.00	29.89 1.40 0.00	30.86 1.64 0.00	34.51 1.86 0.00	36.90 1.86 0.00	39.18 1.97 0.00	42.00 2.23 0.00	43.98 2.17 0.00	50.85 2.79 0.00	58.10 3.24 0.00	51.37 2.77 0.00	44.19 2.30 0.00	42.47 2.17 0.00	38.14 2.02 0.00	33.43 1.80 0.00	30.50 1.64 0.00
CRICKET__VALLEY_CC3 323758	29.27 1.37 0.00	28.23 1.27 0.00	26.38 1.06 0.00	24.20 0.91 0.00	23.48 0.93 0.00	25.40 1.00 0.00	28.17 1.29 0.00	28.68 1.52 0.00	29.76 1.63 0.00	29.89 1.40 0.00	30.86 1.64 0.00	34.51 1.86 0.00	36.90 1.86 0.00	39.18 1.97 0.00	42.00 2.23 0.00	43.98 2.17 0.00	50.85 2.79 0.00	58.10 3.24 0.00	51.37 2.77 0.00	44.19 2.30 0.00	42.47 2.17 0.00	38.14 2.02 0.00	33.43 1.80 0.00	30.50 1.64 0.00
CRUCIBLE_METL_DRP 24180	28.10 0.20 0.00	27.04 0.08 0.00	25.27 -0.05 0.00	23.20 -0.09 0.00	22.47 -0.09 0.00	24.35 -0.05 0.00	26.88 0.00 0.00	27.21 0.05 0.00	28.16 0.03 0.00	28.52 0.03 0.00	29.34 0.12 0.00	32.85 0.20 0.00	35.36 0.32 0.00	37.39 0.19 0.00	39.97 0.20 0.00	42.18 0.38 0.00	48.60 0.58 0.03	55.42 0.55 0.00	49.04 0.44 0.00	41.97 0.08 0.00	40.41 0.12 0.00	36.22 0.11 0.00	31.69 0.06 0.00	28.89 0.03 0.00
DAHOWA__HYDRO 323763	30.08 2.18 0.00	29.01 2.05 0.00	27.02 1.70 0.00	24.81 1.51 0.00	23.98 1.42 0.00	26.04 1.64 0.00	28.95 2.07 0.00	29.22 2.06 0.00	30.21 2.08 0.00	30.34 1.85 0.00	31.07 1.84 0.00	34.77 2.12 0.00	37.15 2.10 0.00	39.51 2.31 0.00	42.40 2.62 0.00	44.69 2.88 0.00	51.62 3.56 0.00	59.31 4.44 0.00	53.07 4.47 0.00	45.70 3.81 0.00	44.12 3.83 0.00	39.48 3.36 0.00	34.41 2.78 0.00	31.46 2.60 0.00
DANC__LFGE 323619	27.54 -0.36 0.00	26.53 -0.43 0.00	24.81 -0.51 0.00	22.81 -0.49 0.00	22.08 -0.47 0.00	23.86 -0.54 0.00	26.34 -0.54 0.00	26.64 -0.52 0.00	27.54 -0.59 0.00	28.01 -0.48 0.00	28.58 -0.64 0.00	31.87 -0.78 0.00	34.27 -0.77 0.00	36.43 -0.78 0.00	38.74 -1.03 0.00	40.89 -0.92 0.00	47.00 -0.82 0.24	54.21 -0.66 0.00	48.16 -0.44 0.00	41.64 -0.42 -0.17	39.98 -0.32 -0.01	35.76 -0.36 0.00	31.09 -0.54 0.00	28.34 -0.52 0.00
DANSKAMMER__1 23586	29.63 1.73 0.00	28.50 1.54 0.00	26.66 1.34 0.00	24.39 1.10 0.00	23.66 1.11 0.00	25.62 1.22 0.00	28.49 1.61 0.00	29.00 1.85 0.00	30.18 2.05 0.00	30.45 1.96 0.00	31.45 2.22 0.00	35.17 2.51 0.00	37.78 2.74 0.00	40.22 3.01 0.00	43.11 3.34 0.00	45.15 3.35 0.00	52.10 4.04 0.00	59.48 4.61 0.00	52.53 3.93 0.00	44.99 3.10 0.00	43.27 2.98 0.00	38.72 2.60 0.00	33.88 2.25 0.00	30.88 2.02 0.00
DANSKAMMER__2 23589	29.63 1.73 0.00	28.50 1.54 0.00	26.66 1.34 0.00	24.39 1.10 0.00	23.66 1.11 0.00	25.62 1.22 0.00	28.49 1.61 0.00	29.00 1.85 0.00	30.18 2.05 0.00	30.45 1.96 0.00	31.45 2.22 0.00	35.17 2.51 0.00	37.78 2.74 0.00	40.22 3.01 0.00	43.11 3.34 0.00	45.15 3.35 0.00	52.10 4.04 0.00	59.48 4.61 0.00	52.53 3.93 0.00	44.99 3.10 0.00	43.27 2.98 0.00	38.72 2.60 0.00	33.88 2.25 0.00	30.88 2.02 0.00
DANSKAMMER__3 23590	29.63 1.73 0.00	28.50 1.54 0.00	26.66 1.34 0.00	24.39 1.10 0.00	23.66 1.11 0.00	25.62 1.22 0.00	28.49 1.61 0.00	29.00 1.85 0.00	30.18 2.05 0.00	30.45 1.96 0.00	31.45 2.22 0.00	35.17 2.51 0.00	37.78 2.74 0.00	40.22 3.01 0.00	43.11 3.34 0.00	45.15 3.35 0.00	52.10 4.04 0.00	59.48 4.61 0.00	52.53 3.93 0.00	44.99 3.10 0.00	43.27 2.98 0.00	38.72 2.60 0.00	33.88 2.25 0.00	30.88 2.02 0.00

DANSKAMMER___4 23591	29.63 1.73 0.00	28.50 1.54 0.00	26.66 1.34 0.00	24.39 1.10 0.00	23.66 1.11 0.00	25.62 1.22 0.00	28.49 1.61 0.00	29.00 1.85 0.00	30.18 2.05 0.00	30.45 1.96 0.00	31.45 2.22 0.00	35.17 2.51 0.00	37.78 2.74 0.00	40.22 3.01 0.00	43.11 3.34 0.00	45.15 3.35 0.00	52.10 4.04 0.00	59.48 4.61 0.00	52.53 3.93 0.00	44.99 3.10 0.00	43.27 2.98 0.00	38.72 2.60 0.00	33.88 2.25 0.00	30.88 2.02 0.00
DANSKAMMER___DIESEL 23592	29.63 1.73 0.00	28.50 1.54 0.00	26.66 1.34 0.00	24.46 1.16 0.00	23.66 1.11 0.00	25.60 1.20 0.00	28.44 1.56 0.00	29.06 1.90 0.00	30.18 2.05 0.00	30.68 2.19 0.00	31.48 2.25 0.00	35.17 2.51 0.00	37.78 2.73 0.00	40.30 3.09 0.00	43.11 3.34 0.00	45.15 3.34 0.00	52.10 4.04 0.00	59.48 4.61 0.00	52.58 3.99 0.00	44.99 3.10 0.00	43.27 2.98 0.00	38.72 2.60 0.00	33.88 2.25 0.00	30.88 2.02 0.00
DARBY___SOLAR 323810	29.91 2.01 0.00	28.85 1.89 0.00	26.89 1.57 0.00	24.70 1.40 0.00	23.89 1.33 0.00	25.89 1.49 0.00	28.79 1.91 0.00	29.09 1.93 0.00	30.07 1.94 0.00	30.23 1.74 0.00	30.95 1.72 0.00	34.64 1.99 0.00	37.04 2.00 0.00	39.36 2.16 0.00	42.24 2.47 0.00	44.52 2.72 0.00	51.42 3.36 0.00	58.98 4.12 0.00	52.73 4.13 0.00	45.36 3.47 0.00	43.80 3.50 0.00	39.22 3.11 0.00	34.19 2.56 0.00	31.25 2.39 0.00
DASHVILLE___HYD 23610	29.30 1.40 0.00	28.17 1.21 0.00	26.38 1.06 0.00	24.21 0.91 0.00	23.44 0.88 0.00	25.33 0.93 0.00	28.01 1.13 0.00	28.62 1.47 0.00	29.73 1.60 0.00	30.26 1.77 0.00	31.01 1.78 0.00	34.68 2.02 0.00	37.22 2.17 0.00	39.66 2.46 0.00	42.40 2.62 0.00	44.36 2.55 0.00	51.47 3.41 0.00	58.71 3.84 0.00	51.86 3.26 0.00	44.40 2.51 0.00	42.67 2.38 0.00	38.21 2.09 0.00	33.43 1.80 0.00	30.47 1.62 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	36.63 3.24 -5.49	31.01 2.97 -1.08	28.11 2.68 -0.11	26.21 2.42 -0.49	24.77 2.21 0.00	27.12 2.59 -0.13	29.62 2.74 0.00	30.47 3.31 0.00	34.07 3.52 -2.42	36.71 3.73 -4.49	35.83 4.03 -2.57	38.06 4.64 -0.77	39.98 4.94 0.00	46.44 5.66 -3.58	47.08 6.05 -1.26	51.98 6.31 -3.86	61.44 7.83 -5.55	67.46 9.05 -3.54	57.34 7.87 -0.86	47.93 6.03 -0.01	45.61 5.32 0.00	40.96 4.84 0.00	36.07 4.30 -0.14	35.09 3.72 -2.51
DELAWARE___LFGE 323621	28.91 1.00 0.00	27.85 0.89 0.00	26.03 0.71 0.00	23.95 0.65 0.00	23.19 0.63 0.00	25.09 0.68 0.00	27.71 0.83 0.00	28.19 1.03 0.00	29.17 1.04 0.00	29.57 1.08 0.00	30.34 1.11 0.00	33.86 1.21 0.00	36.37 1.33 0.00	38.62 1.41 0.00	41.24 1.47 0.00	43.35 1.55 0.00	50.13 2.07 0.00	57.39 2.52 0.00	50.84 2.24 0.00	43.56 1.68 0.00	41.90 1.61 0.00	37.56 1.44 0.00	32.86 1.23 0.00	29.98 1.13 0.00
DERFIELD_115KV_TB7 355931	28.10 0.20 0.00	27.12 0.16 0.00	25.42 0.10 0.00	23.39 0.09 0.00	22.67 0.11 0.00	24.50 0.10 0.00	27.01 0.13 0.00	27.35 0.19 0.00	28.33 0.20 0.00	28.69 0.20 0.00	29.43 0.20 0.00	32.88 0.23 0.00	35.25 0.21 0.00	37.47 0.26 0.00	40.05 0.28 0.00	42.06 0.25 0.00	48.41 0.38 0.03	55.36 0.49 0.00	49.04 0.44 0.00	42.18 0.29 0.00	40.57 0.28 0.00	36.40 0.29 0.00	31.88 0.25 0.00	29.06 0.20 0.00
DOGLEVILLE___HYD 23807	28.02 0.11 0.00	27.04 0.08 0.00	25.32 0.00 0.00	23.27 -0.02 0.00	22.53 -0.02 0.00	24.38 -0.02 0.00	26.91 0.03 0.00	27.21 0.05 0.00	28.19 0.06 0.00	28.49 0.00 0.00	29.26 0.03 0.00	32.68 0.03 0.00	35.08 0.04 0.00	37.28 0.07 0.00	39.81 0.04 0.00	41.76 -0.04 0.00	48.08 0.05 0.03	54.98 0.11 0.00	48.70 0.10 0.00	41.80 -0.08 0.00	40.17 -0.12 0.00	36.04 -0.07 0.00	31.50 -0.13 0.00	28.74 -0.11 0.00
DUNKIRK___115KV_TB_200 55889	28.07 0.17 0.00	26.80 -0.16 0.00	24.59 -0.73 0.00	22.44 -0.86 0.00	21.83 -0.72 0.00	23.89 -0.51 0.00	25.91 -0.97 0.00	26.72 -0.43 0.00	28.16 0.03 0.00	28.03 -0.46 0.00	29.46 0.23 0.00	32.78 0.13 0.00	35.95 0.91 0.00	36.61 -0.60 0.00	39.06 -0.72 0.00	41.69 -0.13 -0.01	49.03 0.96 -0.01	55.31 0.44 0.00	48.70 0.10 0.00	39.58 -1.80 0.50	38.76 -1.49 0.04	35.35 -0.76 0.01	31.16 -0.47 0.00	28.45 -0.40 0.00
DUNKIRK___1 23563	28.07 0.17 0.00	26.80 -0.16 0.00	24.59 -0.73 0.00	22.44 -0.86 0.00	21.83 -0.72 0.00	23.89 -0.51 0.00	25.91 -0.97 0.00	26.72 -0.43 0.00	28.16 0.03 0.00	28.03 -0.46 0.00	29.46 0.23 0.00	32.78 0.13 0.00	35.95 0.91 0.00	36.61 -0.60 0.00	39.06 -0.72 0.00	41.69 -0.13 -0.01	49.03 0.96 -0.01	55.31 0.44 0.00	48.70 0.10 0.00	39.58 -1.80 0.50	38.76 -1.49 0.04	35.35 -0.76 0.01	31.16 -0.47 0.00	28.45 -0.40 0.00
DUNKIRK___2 23564	28.07 0.17 0.00	26.80 -0.16 0.00	24.59 -0.73 0.00	22.44 -0.86 0.00	21.83 -0.72 0.00	23.89 -0.51 0.00	25.91 -0.97 0.00	26.72 -0.43 0.00	28.16 0.03 0.00	28.03 -0.46 0.00	29.46 0.23 0.00	32.78 0.13 0.00	35.95 0.91 0.00	36.61 -0.60 0.00	39.06 -0.72 0.00	41.69 -0.13 -0.01	49.03 0.96 -0.01	55.31 0.44 0.00	48.70 0.10 0.00	39.58 -1.80 0.50	38.76 -1.49 0.04	35.35 -0.76 0.01	31.16 -0.47 0.00	28.45 -0.40 0.00
DUNKIRK___3 23565	27.88 -0.03 0.00	26.61 -0.35 0.00	24.43 -0.89 0.00	22.32 -0.98 0.00	21.72 -0.83 0.00	23.74 -0.66 0.00	25.78 -1.10 0.00	26.53 -0.62 0.00	27.96 -0.17 0.00	27.83 -0.66 0.00	29.26 0.03 0.00	32.52 -0.13 0.00	35.71 0.67 0.00	36.35 -0.86 0.00	38.74 -1.03 0.00	41.35 -0.46 -0.01	48.69 0.62 -0.01	54.98 0.11 0.00	48.36 -0.24 0.00	39.33 -2.05 0.51	38.52 -1.73 0.04	35.13 -0.98 0.01	30.97 -0.66 0.00	28.28 -0.58 0.00
DUNKIRK___4 23566	27.88 -0.03 0.00	26.61 -0.35 0.00	24.43 -0.89 0.00	22.32 -0.98 0.00	21.72 -0.83 0.00	23.74 -0.66 0.00	25.78 -1.10 0.00	26.53 -0.62 0.00	27.96 -0.17 0.00	27.83 -0.66 0.00	29.26 0.03 0.00	32.52 -0.13 0.00	35.71 0.67 0.00	36.35 -0.86 0.00	38.74 -1.03 0.00	41.35 -0.46 -0.01	48.69 0.62 -0.01	54.98 0.11 0.00	48.36 -0.24 0.00	39.33 -2.05 0.51	38.52 -1.73 0.04	35.13 -0.98 0.01	30.97 -0.66 0.00	28.28 -0.58 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.61 1.70 0.00	28.50 1.54 0.00	26.64 1.32 0.00	24.46 1.16 0.00	23.66 1.11 0.00	25.65 1.24 0.00	28.44 1.56 0.00	29.17 2.01 0.00	30.29 2.17 0.00	30.85 2.36 0.00	31.59 2.37 0.00	35.30 2.64 0.00	37.81 2.77 0.00	40.26 3.05 0.00	42.99 3.22 0.00	44.98 3.18 0.00	52.24 4.18 0.00	59.59 4.72 0.00	52.63 4.03 0.00	45.03 3.14 0.00	43.31 3.02 0.00	38.72 2.60 0.00	34.00 2.37 0.00	30.96 2.11 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.38 1.48 0.00	28.26 1.29 0.00	26.46 1.14 0.00	24.28 0.98 0.00	23.48 0.92 0.00	25.43 1.02 0.00	28.20 1.32 0.00	28.81 1.66 0.00	29.90 1.77 0.00	30.43 1.94 0.00	31.16 1.93 0.00	34.81 2.16 0.00	37.36 2.31 0.00	39.81 2.60 0.00	42.56 2.78 0.00	44.57 2.76 0.00	51.62 3.56 0.00	58.93 4.06 0.00	52.05 3.45 0.00	44.57 2.68 0.00	42.87 2.58 0.00	38.36 2.24 0.00	33.62 1.99 0.00	30.62 1.76 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	29.92 2.01 -0.01	28.74 1.78 0.00	26.82 1.49 0.00	24.63 1.33 0.00	23.80 1.24 0.00	25.65 1.24 0.00	28.55 1.67 0.00	29.30 2.15 0.00	30.44 2.31 0.00	31.12 2.62 -0.01	31.84 2.60 -0.01	35.57 2.91 -0.01	37.99 2.94 0.00	40.48 3.27 0.00	43.11 3.34 0.00	45.03 3.22 0.00	52.48 4.42 0.00	59.75 4.88 0.00	52.68 4.08 0.00	45.11 3.23 0.00	43.39 3.10 0.00	38.75 2.64 0.00	34.38 2.75 0.00	31.32 2.45 -0.01
E179THST_13_KV_LOAD 356214	30.09 2.18 -0.01	28.88 1.91 0.00	26.94 1.62 0.00	24.72 1.42 0.00	23.91 1.35 0.00	25.77 1.37 0.00	28.68 1.80 0.00	29.47 2.31 0.00	30.60 2.48 0.00	31.29 2.79 -0.01	32.04 2.81 -0.01	35.76 3.10 -0.01	38.23 3.19 0.00	40.74 3.53 0.00	43.39 3.62 0.00	45.32 3.51 0.00	52.87 4.81 0.00	60.19 5.32 0.00	53.02 4.42 0.00	45.41 3.52 0.00	43.68 3.38 0.00	38.97 2.85 0.00	34.57 2.94 0.00	31.49 2.63 -0.01
EAST HAMPTON___GT 23717	37.16 3.77 -5.49	31.52 3.48 -1.08	28.57 3.14 -0.11	26.26 2.47 -0.49	25.15 2.59 0.00	27.53 3.00 -0.13	30.10 3.22 0.00	30.80 3.64 0.00	34.61 4.05 -2.42	37.08 4.10 -4.49	36.53 4.73 -2.57	38.91 5.48 -0.77	40.93 5.89 0.00	47.38 6.59 -3.58	48.19 7.16 -1.26	53.19 7.52 -3.86	62.89 9.28 -5.55	69.16 10.76 -3.54	58.75 9.28 -0.86	49.06 7.16 -0.01	46.62 6.33 0.00	41.82 5.70 0.00	36.77 5.00 -0.14	35.73 4.36 -2.51
EAST RIVER___6 23660	29.74 1.84 0.00	28.61 1.64 0.00	26.71 1.39 0.00	24.46 1.16 0.00	23.73 1.17 0.00	25.74 1.34 0.00	28.60 1.72 0.00	29.22 2.06 0.00	30.46 2.33 0.00	30.74 2.25 0.00	31.80 2.57 0.00	35.59 2.94 0.00	38.13 3.08 0.00	40.48 3.27 0.00	43.27 3.50 0.00	45.15 3.35 0.00	52.63 4.57 0.00	59.91 5.04 0.00	52.83 4.23 0.00	45.24 3.35 0.00	43.63 3.34 0.00	38.97 2.85 0.00	34.25 2.62 0.00	31.17 2.31 0.00
EAST RIVER___7 23524	29.74 1.84 0.00	28.61 1.64 0.00	26.71 1.39 0.00	24.46 1.16 0.00	23.73 1.17 0.00	25.74 1.34 0.00	28.60 1.72 0.00	29.22 2.06 0.00	30.46 2.33 0.00	30.74 2.25 0.00	31.80 2.57 0.00	35.59 2.94 0.00	38.13 3.08 0.00	40.48 3.27 0.00	43.27 3.50 0.00	45.15 3.35 0.00	52.63 4.57 0.00	59.91 5.04 0.00	52.83 4.23 0.00	45.24 3.35 0.00	43.63 3.34 0.00	38.97 2.85 0.00	34.25 2.62 0.00	31.17 2.31 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.55 1.65 0.00	28.42 1.46 0.00	26.59 1.27 0.00	24.42 1.12 0.00	23.62 1.06 0.00	25.57 1.17 0.00	28.38 1.51 0.00	29.09 1.93 0.00	30.18 2.05 0.00	30.77 2.28 0.00	31.51 2.28 0.00	35.17 2.51 0.00	37.67 2.63 0.00	40.15 2.94 0.00	42.83 3.06 0.00	44.86 3.05 0.00	52.10 4.04 0.00	59.42 4.55 0.00	52.44 3.84 0.00	44.86 2.97 0.00	43.15 2.86 0.00	38.61 2.49 0.00	33.91 2.28 0.00	30.88 2.02 0.00
EAST_HAMPTON___DIESEL 23722	37.16 3.77 -5.49	31.55 3.50 -1.08	28.57 3.14 -0.11	26.26 2.47 -0.49	25.15 2.59 0.00	27.53 3.00 -0.13	30.10 3.22 0.00	30.82 3.66 0.00	34.61 4.05 -2.42	37.08 4.10 -4.49	36.56 4.77 -2.57	38.94 5.52 -0.77	40.93 5.89 0.00	47.41 6.62 -3.58	48.19 7.16 -1.26	53.19 7.52 -3.86	62.93 9.33 -5.55	69.16 10.76 -3.54	58.80 9.33 -0.86	49.06 7.16 -0.01	46.62 6.33 0.00	41.86 5.74 0.00	36.80 5.03 -0.14	35.73 4.36 -2.51
EAST_POINT___SOLAR 323840	30.67 2.76 0.00	29.44 2.48 0.00	27.42 2.10 0.00	25.16 1.86 0.00	24.34 1.78 0.00	26.45 2.05 0.00	29.46 2.58 0.00	29.11 1.96 0.00	29.20 1.07 0.00	29.17 0.68 0.00	29.93 0.70 0.00	33.43 0.78 0.00	35.74 0.70 0.00	38.36 1.15 0.00	40.96 1.19 0.00	43.48 1.67 0.00	51.23 3.17 0.00	60.68 5.81 0.00	54.23 5.63 0.00	46.12 4.23 0.00	44.88 4.59 0.00	40.02 3.90 0.00	35.05 3.42 0.00	31.95 3.09 0.00
EAST_PULASKI___ESR 323781	27.60 -0.31 0.00	26.56 -0.40 0.00	24.81 -0.51 0.00	22.85 -0.44 0.00	22.11 -0.45 0.00	23.89 -0.51 0.00	26.40 -0.48 0.00	26.67 -0.49 0.00	27.59 -0.54 0.00	28.09 -0.40 0.00	28.70 -0.53 0.00	32.03 -0.62 0.00	34.45 -0.60 0.00	36.58 -0.63 0.00	38.94 -0.84 0.00	41.10 -0.71 0.00	47.35 -0.57 0.13	54.32 -0.55 0.00	48.11 -0.49 0.00	41.71 -0.55 -0.37	39.84 -0.48 -0.03	35.65 -0.47 -0.01	31.16 -0.47 0.00	28.39 -0.46 0.00
EAST_RIVER___1 323558	29.72 1.81 0.00	28.58 1.62 0.00	26.69 1.37 0.00	24.44 1.14 0.00	23.71 1.15 0.00	25.69 1.29 0.00	28.57 1.69 0.00	29.25 2.09 0.00	30.46 2.33 0.00	30.74 2.25 0.00	31.80 2.57 0.00	35.56 2.90 0.00	38.06 3.01 0.00	40.44 3.24 0.00	43.23 3.46 0.00	45.19 3.38 0.00	52.58 4.52 0.00	59.91 5.04 0.00	52.88 4.28 0.00	45.20 3.31 0.00	43.55 3.26 0.00	38.90 2.78 0.00	34.22 2.59 0.00	31.11 2.25 0.00
EAST_RIVER___2 323559	29.74 1.84 0.00	28.61 1.64 0.00	26.71 1.39 0.00	24.46 1.16 0.00	23.73 1.17 0.00	25.74 1.34 0.00	28.60 1.72 0.00	29.22 2.06 0.00	30.46 2.33 0.00	30.74 2.25 0.00	31.80 2.57 0.00	35.59 2.94 0.00	38.13 3.08 0.00	40.48 3.27 0.00	43.27 3.50 0.00	45.15 3.35 0.00	52.63 4.57 0.00	59.91 5.04 0.00	52.83 4.23 0.00	45.24 3.35 0.00	43.63 3.34 0.00	38.97 2.85 0.00	34.25 2.62 0.00	31.17 2.31 0.00
EAST___DELAWARE_HYD 23607	29.58 1.67 0.00	28.44 1.48 0.00	26.61 1.29 0.00	24.32 1.02 0.00	23.59 1.04 0.00	25.52 1.12 0.00	28.30 1.42 0.00	28.81 1.66 0.00	29.93 1.80 0.00	30.26 1.77 0.00	31.21 1.99 0.00	34.87 2.22 0.00	37.49 2.45 0.00	39.89 2.68 0.00	42.76 2.98 0.00	44.82 3.01 0.00	52.05 3.99 0.00	59.53 4.66 0.00	52.63 4.03 0.00	45.03 3.14 0.00	43.27 2.98 0.00	38.68 2.56 0.00	33.78 2.15 0.00	30.79 1.93 0.00
EIGHT_POINT___WT_PWR 323820	29.47 1.56 0.00	28.04 1.08 0.00	25.88 0.56 0.00	23.83 0.54 0.00	22.85 0.29 0.00	25.08 0.68 0.00	27.66 0.78 0.00	28.49 1.33 0.00	29.37 1.24 0.00	30.60 2.11 0.00	30.92 1.69 0.00	34.48 1.83 0.00	37.57 2.52 0.00	39.10 1.90 0.00	41.20 1.43 0.00	43.69 1.88 0.00	51.19 3.12 0.00	58.05 3.18 0.00	51.08 2.48 0.00	41.35 -0.17 0.37	40.38 0.12 0.03	36.79 0.68 0.01	32.11 0.48 0.00	29.29 0.43 0.00
ELBRIDGE_115KV_TB2 80188	27.88 -0.03 0.00	26.83 -0.13 0.00	25.07 -0.25 0.00	23.02 -0.28 0.00	22.31 -0.25 0.00	24.18 -0.22 0.00	26.66 -0.22 0.00	26.99 -0.16 0.00	27.96 -0.17 0.00	28.29 -0.20 0.00	29.11 -0.12 0.00	32.55 -0.10 0.00	35.04 0.00 0.00	37.06 -0.15 0.00	39.61 -0.16 0.00	41.81 0.00 0.00	48.22 0.19 0.03	55.03 0.16 0.00	48.75 0.15 0.00	41.68 -0.21 0.00	40.13 -0.16 0.00	35.97 -0.14 0.00	31.50 -0.13 0.00	28.71 -0.14 0.00
ELEC_TRO_TEK 24086	35.48 2.09 -5.49	29.93 1.89 -1.08	27.05 1.62 -0.11	25.23 1.44 -0.49	23.91 1.35 0.00	26.07 1.54 -0.13	28.68 1.80 0.00	29.47 2.31 0.00	33.09 2.53 -2.42	35.71 2.73 -4.49	34.57 2.78 -2.57	36.53 3.10 -0.77	38.27 3.22 0.00	44.45 3.57 -3.67	44.76 3.74 -1.25	59.11 3.72 -13.58	79.68 4.81 -26.81	77.35 5.43 -17.05	54.12 4.67 -0.85	45.45 3.56 0.00	43.56 3.26 0.00	39.11 3.00 0.00	34.58 2.82 -0.14	33.85 2.48 -2.51

ELLENBURG_WT_PWR 323604	27.49 -0.42 0.00	26.69 -0.27 0.00	25.32 0.00 0.00	23.25 -0.05 0.00	22.49 -0.07 0.00	24.35 -0.05 0.00	26.83 -0.05 0.00	27.02 -0.14 0.00	28.02 -0.11 0.00	28.52 0.03 0.00	29.20 -0.03 0.00	32.65 0.00 0.00	35.04 0.00 0.00	37.32 0.11 0.00	39.93 0.16 0.00	41.97 0.17 0.00	47.78 -0.19 0.08	54.54 -0.33 0.00	48.36 -0.24 0.00	41.85 -0.04 0.00	40.13 -0.16 0.00	35.83 -0.29 0.00	31.19 -0.44 0.00	28.57 -0.29 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.48 -0.42 0.00	26.29 -0.67 0.00	24.13 -1.19 0.00	22.04 -1.26 0.00	21.47 -1.08 0.00	23.47 -0.93 0.00	25.43 -1.45 0.00	26.13 -1.03 0.00	27.59 -0.53 0.00	27.35 -1.14 0.00	28.79 -0.44 0.00	31.97 -0.69 0.00	35.15 0.11 0.00	35.68 -1.53 0.00	38.06 -1.71 0.00	40.61 -1.21 -0.01	47.78 -0.29 -0.01	53.93 -0.93 0.00	47.48 -1.12 0.00	38.85 -2.51 0.52	38.07 -2.18 0.04	34.66 -1.44 0.01	30.55 -1.08 0.00	27.93 -0.92 0.00
EMPIRE_CC_1 323656	28.63 0.72 0.00	27.80 0.84 0.00	25.98 0.66 0.00	23.90 0.60 0.00	23.17 0.61 0.00	25.04 0.63 0.00	27.63 0.75 0.00	27.97 0.81 0.00	28.95 0.82 0.00	29.09 0.60 0.00	29.93 0.70 0.00	33.50 0.85 0.00	35.78 0.74 0.00	38.02 0.82 0.00	40.77 0.99 0.00	42.72 0.92 0.00	49.21 1.15 0.00	56.29 1.42 0.00	49.91 1.31 0.00	43.06 1.17 0.00	41.42 1.13 0.00	37.24 1.12 0.00	32.67 1.04 0.00	29.84 0.98 0.00
EMPIRE_CC_2 323658	28.63 0.72 0.00	27.80 0.84 0.00	25.98 0.66 0.00	23.90 0.60 0.00	23.17 0.61 0.00	25.04 0.63 0.00	27.63 0.75 0.00	27.97 0.81 0.00	28.95 0.82 0.00	29.09 0.60 0.00	29.93 0.70 0.00	33.50 0.85 0.00	35.78 0.74 0.00	38.02 0.82 0.00	40.77 0.99 0.00	42.72 0.92 0.00	49.21 1.15 0.00	56.29 1.42 0.00	49.91 1.31 0.00	43.06 1.17 0.00	41.42 1.13 0.00	37.24 1.12 0.00	32.67 1.04 0.00	29.84 0.98 0.00
ENORWICH_115KV_TB1 80156	30.36 2.46 0.00	29.12 2.16 0.00	27.09 1.77 0.00	24.77 1.47 0.00	24.02 1.47 0.00	26.06 1.66 0.00	28.79 1.91 0.00	29.33 2.17 0.00	30.18 2.05 0.00	30.46 1.97 0.00	31.18 1.96 0.00	34.74 2.09 0.00	37.53 2.49 0.00	39.77 2.57 0.00	42.36 2.59 0.00	44.90 3.09 0.00	52.34 4.28 0.00	60.19 5.32 0.00	53.41 4.81 0.00	45.32 3.56 0.13	43.71 3.42 0.01	39.08 2.96 0.00	33.91 2.28 0.00	30.85 1.99 0.00
ERIE_ST__34_KV_TB1-2 80199	27.90 0.00 0.00	26.61 -0.35 0.00	24.46 -0.86 0.00	22.32 -0.98 0.00	21.74 -0.81 0.00	23.79 -0.61 0.00	25.80 -1.08 0.00	26.56 -0.60 0.00	28.02 -0.11 0.00	27.83 -0.66 0.00	29.28 0.06 0.00	32.59 -0.07 0.00	35.81 0.77 0.00	36.43 -0.78 0.00	38.90 -0.87 0.00	41.44 -0.38 -0.01	48.93 0.87 -0.01	55.20 0.33 0.00	48.55 -0.05 0.00	38.95 -2.43 0.51	38.32 -1.93 0.04	35.13 -0.98 0.01	30.97 -0.66 0.00	28.34 -0.52 0.00
ERIE_WT_PWR 323693	27.74 -0.17 0.00	26.48 -0.48 0.00	24.36 -0.96 0.00	22.65 -0.65 0.00	21.63 -0.93 0.00	23.69 -0.71 0.00	25.83 -1.05 0.00	26.64 -0.52 0.00	27.79 -0.34 0.00	29.17 0.68 0.00	29.20 -0.03 0.00	32.26 -0.39 0.00	35.50 0.45 0.00	36.76 -0.44 0.00	38.42 -1.35 0.00	40.98 -0.84 -0.01	48.21 0.14 -0.01	54.49 -0.38 0.00	48.02 -0.58 0.00	39.03 -2.34 0.52	38.28 -1.97 0.04	34.92 -1.19 0.01	30.78 -0.85 0.00	28.16 -0.69 0.00
ESPRGFLD_115KV_TB1 80157	29.97 2.06 0.00	28.79 1.83 0.00	26.84 1.52 0.00	24.63 1.33 0.00	23.87 1.31 0.00	25.89 1.49 0.00	28.71 1.83 0.00	29.00 1.85 0.00	29.82 1.69 0.00	30.06 1.57 0.00	30.80 1.58 0.00	34.41 1.76 0.00	36.94 1.89 0.00	39.33 2.12 0.00	42.00 2.23 0.00	44.23 2.42 0.00	51.52 3.46 0.00	59.59 4.72 0.00	52.93 4.33 0.00	45.15 3.27 0.00	43.56 3.26 0.00	38.93 2.82 0.00	34.07 2.44 0.00	31.02 2.16 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.82 0.92 0.00	27.72 0.75 0.00	25.85 0.53 0.00	23.72 0.42 0.00	22.99 0.43 0.00	24.91 0.51 0.00	27.52 0.65 0.00	27.94 0.79 0.00	28.89 0.76 0.00	29.17 0.68 0.00	29.99 0.76 0.00	33.50 0.85 0.00	36.09 1.05 0.00	38.14 0.93 0.00	40.76 0.99 0.00	43.06 1.25 0.00	49.94 1.87 0.00	57.06 2.19 0.00	50.30 1.70 0.00	42.78 1.05 0.15	41.33 1.05 0.01	37.05 0.94 0.00	32.42 0.79 0.00	29.49 0.63 0.00
ETNA____115KV_TB2 80207	28.82 0.92 0.00	27.72 0.75 0.00	25.85 0.53 0.00	23.72 0.42 0.00	22.99 0.43 0.00	24.91 0.51 0.00	27.52 0.65 0.00	27.94 0.79 0.00	28.89 0.76 0.00	29.17 0.68 0.00	29.99 0.76 0.00	33.50 0.85 0.00	36.09 1.05 0.00	38.14 0.93 0.00	40.76 0.99 0.00	43.06 1.25 0.00	49.94 1.87 0.00	57.06 2.19 0.00	50.30 1.70 0.00	42.78 1.05 0.15	41.33 1.05 0.01	37.05 0.94 0.00	32.42 0.79 0.00	29.49 0.63 0.00
EUCLID__115KV_TB2 356179	27.74 -0.17 0.00	26.69 -0.27 0.00	24.94 -0.38 0.00	22.92 -0.37 0.00	22.22 -0.34 0.00	24.06 -0.34 0.00	26.50 -0.38 0.00	26.83 -0.33 0.00	27.82 -0.31 0.00	28.15 -0.34 0.00	28.96 -0.26 0.00	32.39 -0.26 0.00	34.87 -0.18 0.00	36.83 -0.37 0.00	39.37 -0.40 0.00	41.51 -0.29 0.00	47.92 -0.10 0.04	54.65 -0.22 0.00	48.36 -0.24 0.00	41.09 -0.46 0.33	39.86 -0.40 0.03	35.75 -0.36 0.01	31.31 -0.32 0.00	28.54 -0.32 0.00
E_CANADA_CAP_HY 24051	30.53 2.62 0.00	29.31 2.34 0.00	27.30 1.98 0.00	25.07 1.77 0.00	24.25 1.69 0.00	26.33 1.93 0.00	29.30 2.42 0.00	29.36 2.20 0.00	29.93 1.80 0.00	30.03 1.54 0.00	30.74 1.52 0.00	34.35 1.70 0.00	36.83 1.79 0.00	39.33 2.12 0.00	42.04 2.27 0.00	44.23 2.42 0.00	51.67 3.61 0.00	60.25 5.38 0.00	53.70 5.10 0.00	45.82 3.94 0.00	44.36 4.07 0.00	39.58 3.47 0.00	34.79 3.16 0.00	31.72 2.86 0.00
E_CANADA_MHWK_HY 24050	28.02 0.11 0.00	27.04 0.08 0.00	25.32 0.00 0.00	23.27 -0.02 0.00	22.53 -0.02 0.00	24.38 -0.02 0.00	26.91 0.03 0.00	27.21 0.05 0.00	28.19 0.06 0.00	28.49 0.00 0.00	29.26 0.03 0.00	32.68 0.03 0.00	35.08 0.04 0.00	37.28 0.07 0.00	39.81 0.04 0.00	41.76 -0.04 0.00	48.08 0.05 0.03	54.98 0.11 0.00	48.70 0.10 0.00	41.80 -0.08 0.00	40.17 -0.12 0.00	36.04 -0.07 0.00	31.50 -0.13 0.00	28.74 -0.11 0.00
E_FISHKILL__LBMP 23776	29.33 1.42 0.00	28.26 1.29 0.00	26.41 1.09 0.00	24.28 0.98 0.00	23.48 0.92 0.00	25.43 1.02 0.00	28.17 1.29 0.00	28.81 1.66 0.00	29.90 1.77 0.00	30.40 1.91 0.00	31.13 1.90 0.00	34.77 2.12 0.00	37.22 2.17 0.00	39.66 2.46 0.00	42.36 2.59 0.00	44.36 2.55 0.00	51.42 3.36 0.00	58.65 3.79 0.00	51.86 3.26 0.00	44.44 2.56 0.00	42.75 2.46 0.00	38.28 2.17 0.00	33.59 1.96 0.00	30.62 1.76 0.00
FALCON___SEABRD_CC1 323796	28.21 0.31 0.00	27.42 0.46 0.00	25.95 0.63 0.00	23.88 0.58 0.00	23.08 0.52 0.00	24.99 0.58 0.00	27.60 0.73 0.00	27.81 0.65 0.00	28.80 0.67 0.00	29.37 0.88 0.00	29.98 0.76 0.00	33.53 0.88 0.00	36.06 1.02 0.00	38.43 1.23 0.00	41.12 1.35 0.00	43.23 1.42 0.00	49.34 1.39 0.12	56.35 1.48 0.00	49.91 1.31 0.00	43.10 1.22 0.00	41.38 1.09 0.00	36.88 0.76 0.00	31.98 0.35 0.00	29.35 0.49 0.00

FALCON___SEABRD_CC2 323797	28.21 0.31 0.00	27.42 0.46 0.00	25.95 0.63 0.00	23.88 0.58 0.00	23.08 0.52 0.00	24.99 0.58 0.00	27.60 0.73 0.00	27.81 0.65 0.00	28.80 0.67 0.00	29.37 0.88 0.00	29.98 0.76 0.00	33.53 0.88 0.00	36.06 1.02 0.00	38.43 1.23 0.00	41.12 1.35 0.00	43.23 1.42 0.00	49.34 1.39 0.12	56.35 1.48 0.00	49.91 1.31 0.00	43.10 1.22 0.00	41.38 1.09 0.00	36.88 0.76 0.00	31.98 0.35 0.00	29.35 0.49 0.00
FAR ROCKAWAY___4 23548	35.93 2.54 -5.49	30.34 2.29 -1.08	27.43 2.00 -0.11	25.58 1.79 -0.49	24.20 1.65 0.00	26.41 1.88 -0.13	29.03 2.15 0.00	29.85 2.69 0.00	33.51 2.95 -2.42	36.17 3.19 -4.49	35.13 3.33 -2.57	37.21 3.79 -0.77	39.04 3.99 0.00	45.20 4.35 -3.64	45.63 4.61 -1.25	56.92 4.68 -10.43	74.00 6.01 -19.93	74.34 6.80 -12.67	55.38 5.93 -0.85	46.45 4.57 0.00	44.44 4.15 0.00	39.87 3.76 0.00	35.19 3.42 -0.14	34.40 3.03 -2.51
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.72 1.81 0.00	28.58 1.62 0.00	26.69 1.37 0.00	24.53 1.23 0.00	23.73 1.17 0.00	25.72 1.32 0.00	28.57 1.69 0.00	29.33 2.17 0.00	30.49 2.36 0.00	31.14 2.65 0.00	31.86 2.63 0.00	35.59 2.94 0.00	38.09 3.05 0.00	40.59 3.39 0.00	43.27 3.50 0.00	45.23 3.43 0.00	52.63 4.57 0.00	59.97 5.10 0.00	52.93 4.33 0.00	45.24 3.35 0.00	43.60 3.30 0.00	38.93 2.82 0.00	34.26 2.63 0.00	31.14 2.28 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.75 1.84 0.00	28.58 1.62 0.00	26.71 1.39 0.00	24.53 1.23 0.00	23.73 1.17 0.00	25.72 1.32 0.00	28.57 1.69 0.00	29.33 2.17 0.00	30.49 2.36 0.00	31.14 2.65 0.00	31.86 2.63 0.00	35.59 2.94 0.00	38.09 3.05 0.00	40.59 3.39 0.00	43.27 3.50 0.00	45.23 3.43 0.00	52.63 4.57 0.00	59.97 5.10 0.00	52.97 4.37 0.00	45.24 3.35 0.00	43.60 3.30 0.00	38.93 2.82 0.00	34.26 2.63 0.00	31.14 2.28 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.72 1.81 0.00	28.55 1.59 0.00	26.69 1.37 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.55 1.67 0.00	29.30 2.15 0.00	30.46 2.33 0.00	31.11 2.62 0.00	31.83 2.60 0.00	35.56 2.91 0.00	38.09 3.05 0.00	40.56 3.35 0.00	43.23 3.46 0.00	45.19 3.39 0.00	52.58 4.52 0.00	59.91 5.05 0.00	52.88 4.28 0.00	45.20 3.31 0.00	43.56 3.26 0.00	38.90 2.78 0.00	34.22 2.59 0.00	31.11 2.25 0.00
FARRAGUT___LBMP 323566	29.69 1.79 0.00	28.55 1.59 0.00	26.66 1.34 0.00	24.49 1.19 0.00	23.68 1.13 0.00	25.67 1.27 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.44 2.31 0.00	31.08 2.59 0.00	31.80 2.57 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.15 3.34 0.00	52.53 4.47 0.00	59.86 4.99 0.00	52.83 4.23 0.00	45.15 3.27 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.11 2.25 0.00
FENNER___WINDPWR 24204	28.68 0.78 0.00	27.61 0.65 0.00	25.83 0.51 0.00	23.72 0.42 0.00	22.96 0.41 0.00	24.86 0.46 0.00	27.47 0.59 0.00	27.84 0.68 0.00	28.78 0.65 0.00	29.23 0.74 0.00	29.90 0.67 0.00	33.37 0.72 0.00	35.92 0.88 0.00	38.14 0.93 0.00	40.64 0.87 0.00	42.85 1.05 0.00	49.50 1.49 0.06	56.73 1.87 0.00	50.20 1.60 0.00	42.90 1.13 0.12	41.41 1.13 0.01	37.09 0.98 0.00	32.36 0.73 0.00	29.46 0.61 0.00
FIBERTEK___ENERGY 23856	28.10 0.20 0.00	27.04 0.08 0.00	25.27 -0.05 0.00	23.20 -0.09 0.00	22.47 -0.09 0.00	24.35 -0.05 0.00	26.88 0.00 0.00	27.21 0.05 0.00	28.16 0.03 0.00	28.52 0.03 0.00	29.34 0.12 0.00	32.85 0.20 0.00	35.36 0.32 0.00	37.39 0.19 0.00	39.97 0.20 0.00	42.18 0.38 0.00	48.60 0.58 0.03	55.42 0.55 0.00	49.04 0.44 0.00	41.97 0.08 0.00	40.41 0.12 0.00	36.22 0.11 0.00	31.69 0.06 0.00	28.89 0.03 0.00
FITZPATRICK____ 23598	27.29 -0.61 0.00	26.31 -0.65 0.00	24.61 -0.71 0.00	22.67 -0.63 0.00	21.93 -0.63 0.00	23.74 -0.66 0.00	26.18 -0.70 0.00	26.43 -0.73 0.00	27.34 -0.79 0.00	27.81 -0.68 0.00	28.47 -0.76 0.00	31.77 -0.88 0.00	34.17 -0.87 0.00	36.20 -1.00 0.00	38.66 -1.11 0.00	40.72 -1.09 0.00	46.96 -1.10 0.00	53.61 -1.26 0.00	47.43 -1.17 0.00	40.71 -1.17 0.00	39.21 -1.09 0.00	35.10 -1.01 0.00	30.78 -0.85 0.00	28.05 -0.81 0.00
FLOWRFLD_69_KV_BK1 356044	35.87 2.48 -5.49	30.31 2.26 -1.08	27.46 2.03 -0.11	25.60 1.82 -0.49	24.23 1.67 0.00	26.48 1.95 -0.13	29.00 2.12 0.00	29.85 2.69 0.00	33.39 2.84 -2.42	36.02 3.05 -4.49	34.90 3.10 -2.57	36.85 3.43 -0.77	38.65 3.61 0.00	44.88 4.09 -3.58	45.41 4.37 -1.27	50.07 4.26 -4.00	59.28 5.38 -5.84	64.80 6.20 -3.73	54.82 5.35 -0.87	46.18 4.27 -0.02	44.04 3.75 0.00	39.62 3.50 0.00	35.09 3.32 -0.14	34.28 2.91 -2.51
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.69 1.79 0.00	28.55 1.59 0.00	26.71 1.39 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.65 1.24 0.00	28.49 1.61 0.00	29.11 1.96 0.00	30.24 2.11 0.00	30.77 2.28 0.00	31.53 2.31 0.00	35.26 2.61 0.00	37.88 2.84 0.00	40.41 3.20 0.00	43.23 3.46 0.00	45.28 3.47 0.00	52.24 4.18 0.00	59.64 4.77 0.00	52.68 4.08 0.00	45.07 3.18 0.00	43.39 3.10 0.00	38.79 2.67 0.00	33.94 2.31 0.00	30.94 2.08 0.00
FORT ORANGE____ 23900	28.63 0.72 0.00	27.66 0.70 0.00	25.85 0.53 0.00	23.83 0.54 0.00	23.10 0.54 0.00	24.94 0.54 0.00	27.55 0.67 0.00	27.92 0.76 0.00	28.89 0.76 0.00	29.03 0.54 0.00	29.84 0.61 0.00	33.40 0.75 0.00	35.74 0.70 0.00	38.02 0.82 0.00	40.80 1.03 0.00	42.85 1.05 0.00	49.46 1.39 0.00	56.62 1.76 0.00	50.25 1.65 0.00	43.31 1.42 0.00	41.70 1.41 0.00	37.41 1.30 0.00	32.90 1.27 0.00	30.04 1.18 0.00
FORT_DRUM_COGEN 23780	27.57 -0.33 0.00	26.53 -0.43 0.00	24.87 -0.46 0.00	22.81 -0.49 0.00	22.11 -0.45 0.00	23.91 -0.49 0.00	26.39 -0.48 0.00	26.67 -0.49 0.00	27.51 -0.62 0.00	27.89 -0.60 0.00	28.50 -0.73 0.00	31.74 -0.91 0.00	34.10 -0.95 0.00	36.28 -0.93 0.00	38.62 -1.15 0.00	40.76 -1.05 0.00	46.65 -1.01 0.40	54.15 -0.71 0.00	48.21 -0.39 0.00	41.82 -0.17 -0.11	40.22 -0.08 -0.01	35.94 -0.18 0.00	31.06 -0.57 0.00	28.28 -0.58 0.00
FOX_HILLS___ESR 323835	30.00 2.09 -0.01	28.79 1.83 0.00	26.84 1.52 0.00	24.60 1.30 0.00	23.77 1.22 0.00	25.67 1.27 0.00	28.52 1.64 0.00	29.30 2.15 0.00	30.49 2.36 0.00	31.23 2.73 -0.01	31.95 2.72 -0.01	35.73 3.07 -0.01	41.42 3.08 -3.29	40.63 3.42 0.00	43.31 3.54 0.00	45.23 3.43 0.00	83.85 4.76 -31.03	66.18 5.27 -6.05	53.02 4.42 0.00	45.36 3.48 0.00	43.64 3.34 0.00	38.90 2.78 0.00	34.43 2.78 -0.02	31.38 2.51 -0.01
FPL FAR_ROCK_GT1 24212	35.93 2.54 -5.49	30.36 2.32 -1.08	27.43 2.00 -0.11	25.37 1.59 -0.49	24.20 1.65 0.00	26.41 1.88 -0.13	29.08 2.20 0.00	29.76 2.61 0.00	33.51 2.95 -2.42	35.91 2.94 -4.49	35.13 3.33 -2.57	37.21 3.79 -0.77	39.04 3.99 0.00	45.12 4.28 -3.64	45.63 4.61 -1.25	56.92 4.68 -10.43	74.00 6.01 -19.93	74.34 6.80 -12.67	55.33 5.88 -0.85	46.45 4.57 0.00	44.44 4.15 0.00	39.87 3.76 0.00	35.19 3.42 -0.14	34.40 3.03 -2.51

FPL FAR_ROCK_GT2 23815	35.93 2.54 -5.49	30.36 2.32 -1.08	27.43 2.00 -0.11	25.37 1.59 -0.49	24.20 1.65 0.00	26.41 1.88 -0.13	29.08 2.20 0.00	29.76 2.61 0.00	33.51 2.95 -2.42	35.91 2.94 -4.49	35.13 3.33 -2.57	37.21 3.79 -0.77	39.04 3.99 0.00	45.12 4.28 -3.64	45.63 4.61 -1.25	56.92 4.68 -10.43	74.00 6.01 -19.93	74.34 6.80 -12.67	55.33 5.88 -0.85	46.45 4.57 0.00	44.44 4.15 0.00	39.87 3.76 0.00	35.19 3.42 -0.14	34.40 3.03 -2.51
FRANKLIN_FALL_HYD 24054	27.48 -0.42 0.00	26.72 -0.24 0.00	25.32 0.00 0.00	23.32 0.02 0.00	22.51 -0.05 0.00	24.35 -0.05 0.00	26.96 0.08 0.00	27.05 -0.11 0.00	27.99 -0.14 0.00	28.55 0.06 0.00	29.11 -0.12 0.00	32.52 -0.13 0.00	34.90 -0.14 0.00	37.21 0.00 0.00	39.81 0.04 0.00	41.85 0.04 0.00	47.14 -0.38 0.53	54.32 -0.55 0.00	48.21 -0.39 0.00	41.85 -0.04 0.00	40.17 -0.12 0.00	35.86 -0.25 0.00	31.12 -0.51 0.00	28.60 -0.26 0.00
FREEPORT_EQUS_GT1 23764	35.71 2.31 -5.49	30.17 2.13 -1.08	27.28 1.85 -0.11	25.21 1.42 -0.49	24.07 1.51 0.00	26.26 1.73 -0.13	28.90 2.02 0.00	29.57 2.42 0.00	33.31 2.76 -2.42	35.65 2.68 -4.49	34.84 3.04 -2.57	36.85 3.43 -0.77	38.62 3.58 0.00	44.69 3.83 -3.65	45.04 4.02 -1.25	57.60 3.89 -11.90	76.19 5.00 -23.14	75.29 5.71 -14.71	54.36 4.91 -0.85	45.78 3.90 0.00	43.80 3.50 0.00	39.48 3.36 0.00	34.90 3.13 -0.14	34.14 2.77 -2.51
FREEPORT___CT2 23818	35.71 2.31 -5.49	30.17 2.13 -1.08	27.28 1.85 -0.11	25.21 1.42 -0.49	24.07 1.51 0.00	26.26 1.73 -0.13	28.90 2.02 0.00	29.57 2.42 0.00	33.31 2.76 -2.42	35.65 2.68 -4.49	34.84 3.04 -2.57	36.85 3.43 -0.77	38.62 3.58 0.00	44.69 3.83 -3.65	45.04 4.02 -1.25	57.60 3.89 -11.90	76.19 5.00 -23.14	75.29 5.71 -14.71	54.36 4.91 -0.85	45.78 3.90 0.00	43.80 3.50 0.00	39.48 3.36 0.00	34.90 3.13 -0.14	34.14 2.77 -2.51
FRESHKLS_33_KV_LOAD 356253	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.60 1.30 0.00	23.77 1.22 0.00	25.65 1.24 0.00	28.46 1.59 0.00	29.24 2.09 0.01	30.43 2.31 0.01	31.13 2.65 0.01	31.88 2.66 0.01	35.65 3.00 0.01	40.51 3.05 -2.42	40.59 3.39 0.01	43.26 3.50 0.01	45.18 3.39 0.01	52.76 4.71 0.01	60.13 5.27 0.01	52.97 4.37 0.01	45.36 3.48 0.01	43.63 3.34 0.01	38.86 2.74 0.00	34.43 2.78 -0.02	31.38 2.51 -0.01
FULTON COGEN____ 23766	27.62 -0.28 0.00	26.58 -0.38 0.00	24.84 -0.48 0.00	22.83 -0.47 0.00	22.13 -0.43 0.00	23.96 -0.44 0.00	26.39 -0.48 0.00	26.70 -0.46 0.00	27.65 -0.48 0.00	27.98 -0.51 0.00	28.79 -0.44 0.00	32.19 -0.46 0.00	34.62 -0.42 0.00	36.62 -0.42 -0.01	39.14 -0.64 -0.01	41.30 -0.50 0.00	47.63 -0.38 0.05	54.37 -0.49 0.00	48.11 -0.49 0.00	41.69 -0.63 -0.43	39.76 -0.56 -0.04	35.58 -0.54 -0.01	31.19 -0.44 0.00	28.40 -0.46 0.00
FULTON___LFGE 323630	31.62 3.71 0.00	30.33 3.37 0.00	28.13 2.81 0.00	25.79 2.49 0.00	24.90 2.35 0.00	27.13 2.73 0.00	30.45 3.58 0.00	30.69 3.53 0.00	31.50 3.37 0.00	31.54 3.05 0.00	32.32 3.10 0.00	36.18 3.53 0.00	38.69 3.64 0.00	41.37 4.17 0.00	44.34 4.57 0.00	47.20 5.40 0.00	55.13 7.07 0.00	64.19 9.33 0.00	57.16 8.56 0.00	48.50 6.62 0.00	46.78 6.49 0.00	41.60 5.49 0.00	36.21 4.58 0.00	33.04 4.18 0.00
G.F.CEMENT___DRP 24184	30.47 2.57 0.00	29.33 2.37 0.00	27.27 1.95 0.00	25.04 1.75 0.00	24.20 1.65 0.00	26.28 1.88 0.00	29.27 2.39 0.00	29.60 2.44 0.00	30.60 2.48 0.00	30.85 2.36 0.00	31.42 2.19 0.00	35.17 2.51 0.00	37.57 2.52 0.00	39.96 2.75 0.00	42.87 3.10 0.00	45.28 3.47 0.00	52.39 4.33 0.00	60.19 5.32 0.00	53.99 5.39 0.00	46.45 4.57 0.00	44.93 4.63 0.00	40.12 4.01 0.00	34.92 3.29 0.00	31.92 3.06 0.00
GARDENVILLE___LBMP 24039	27.60 -0.31 0.00	26.37 -0.59 0.00	24.23 -1.09 0.00	22.13 -1.16 0.00	21.54 -1.02 0.00	23.55 -0.85 0.00	25.51 -1.37 0.00	26.23 -0.92 0.00	27.68 -0.45 0.00	27.46 -1.03 0.00	28.90 -0.32 0.00	32.13 -0.52 0.00	35.32 0.28 0.00	35.87 -1.34 0.00	38.26 -1.51 0.00	40.81 -1.00 -0.01	48.02 -0.05 -0.01	54.26 -0.60 0.00	47.73 -0.87 0.00	38.94 -2.43 0.52	38.19 -2.05 0.04	34.77 -1.34 0.01	30.68 -0.95 0.00	28.05 -0.81 0.00
GARDNVLA_35_KV_LD 355827	27.74 -0.17 0.00	26.50 -0.46 0.00	24.33 -0.99 0.00	22.20 -1.09 0.00	21.63 -0.92 0.00	23.65 -0.76 0.00	25.62 -1.26 0.00	26.34 -0.81 0.00	27.82 -0.31 0.00	27.61 -0.88 0.00	29.05 -0.18 0.00	32.29 -0.36 0.00	35.53 0.49 0.00	36.05 -1.15 0.00	38.50 -1.27 0.00	41.06 -0.75 -0.01	48.31 0.24 -0.01	54.59 -0.27 0.00	48.02 -0.58 0.00	39.11 -2.26 0.52	38.36 -1.89 0.04	34.95 -1.16 0.01	30.81 -0.82 0.00	28.19 -0.66 0.00
GELCKHM___115KV_LOAD 80723	27.68 -0.22 0.00	26.66 -0.30 0.00	24.92 -0.41 0.00	22.88 -0.42 0.00	22.17 -0.38 0.00	24.04 -0.37 0.00	26.48 -0.40 0.00	26.80 -0.35 0.00	27.79 -0.34 0.00	28.09 -0.40 0.00	28.90 -0.32 0.00	32.33 -0.33 0.00	34.80 -0.25 0.00	36.76 -0.45 0.00	39.29 -0.48 0.00	41.47 -0.33 0.00	48.17 0.14 0.04	54.92 0.05 0.00	48.60 0.00 0.00	41.25 -0.25 0.38	40.02 -0.24 0.03	35.89 -0.22 0.01	31.44 -0.19 0.00	28.66 -0.20 0.00
GENERAL___MILLS 23808	27.68 -0.22 0.00	26.45 -0.51 0.00	24.28 -1.04 0.00	22.18 -1.12 0.00	21.61 -0.95 0.00	23.60 -0.81 0.00	25.59 -1.29 0.00	26.29 -0.87 0.00	27.76 -0.37 0.00	27.55 -0.94 0.00	28.99 -0.23 0.00	32.23 -0.42 0.00	35.43 0.39 0.00	35.98 -1.23 0.00	38.38 -1.39 0.00	40.94 -0.88 -0.01	48.16 0.10 -0.01	54.43 -0.44 0.00	47.87 -0.73 0.00	38.98 -2.39 0.52	38.24 -2.01 0.04	34.88 -1.23 0.01	30.74 -0.89 0.00	28.14 -0.72 0.00
GE_PLASTICS___DRP 24183	28.55 0.64 0.00	27.55 0.59 0.00	25.78 0.46 0.00	23.79 0.49 0.00	23.03 0.47 0.00	24.87 0.46 0.00	27.44 0.56 0.00	27.86 0.71 0.00	28.83 0.70 0.00	29.17 0.68 0.00	29.87 0.64 0.00	33.40 0.75 0.00	35.74 0.70 0.00	38.06 0.86 0.00	40.73 0.95 0.00	42.73 0.92 0.00	49.26 1.20 0.00	56.35 1.48 0.00	49.96 1.36 0.00	43.06 1.17 0.00	41.42 1.13 0.00	37.20 1.08 0.00	32.67 1.04 0.00	29.81 0.95 0.00
GILBOA___1 23756	28.66 0.75 0.00	27.64 0.67 0.00	25.85 0.53 0.00	23.83 0.54 0.00	23.12 0.56 0.00	24.92 0.51 0.00	27.55 0.67 0.00	27.97 0.81 0.00	29.00 0.87 0.00	29.26 0.77 0.00	30.10 0.88 0.00	33.67 1.01 0.00	36.06 1.02 0.00	38.32 1.12 0.00	41.01 1.23 0.00	42.94 1.13 0.00	49.46 1.39 0.00	56.51 1.64 0.00	50.01 1.41 0.00	43.10 1.22 0.00	41.46 1.17 0.00	37.24 1.12 0.00	32.67 1.04 0.00	29.78 0.92 0.00
GILBOA___2 23757	28.66 0.75 0.00	27.64 0.67 0.00	25.85 0.53 0.00	23.83 0.54 0.00	23.12 0.56 0.00	24.92 0.51 0.00	27.55 0.67 0.00	27.97 0.81 0.00	29.00 0.87 0.00	29.26 0.77 0.00	30.10 0.88 0.00	33.67 1.01 0.00	36.06 1.02 0.00	38.32 1.12 0.00	41.01 1.23 0.00	42.94 1.13 0.00	49.46 1.39 0.00	56.51 1.64 0.00	50.01 1.41 0.00	43.10 1.22 0.00	41.46 1.17 0.00	37.24 1.12 0.00	32.67 1.04 0.00	29.78 0.92 0.00

GILBOA___3 23758	28.66 0.75 0.00	27.64 0.67 0.00	25.85 0.53 0.00	23.83 0.54 0.00	23.12 0.56 0.00	24.92 0.51 0.00	27.55 0.67 0.00	27.97 0.81 0.00	29.00 0.87 0.00	29.26 0.77 0.00	30.10 0.88 0.00	33.67 1.01 0.00	36.06 1.02 0.00	38.32 1.12 0.00	41.01 1.23 0.00	42.94 1.13 0.00	49.46 1.39 0.00	56.51 1.64 0.00	50.01 1.41 0.00	43.10 1.22 0.00	41.46 1.17 0.00	37.24 1.12 0.00	32.67 1.04 0.00	29.78 0.92 0.00
GILBOA___4 23759	28.66 0.75 0.00	27.64 0.67 0.00	25.85 0.53 0.00	23.83 0.54 0.00	23.12 0.56 0.00	24.92 0.51 0.00	27.55 0.67 0.00	27.97 0.81 0.00	29.00 0.87 0.00	29.26 0.77 0.00	30.10 0.88 0.00	33.67 1.01 0.00	36.06 1.02 0.00	38.32 1.12 0.00	41.01 1.23 0.00	42.94 1.13 0.00	49.46 1.39 0.00	56.51 1.64 0.00	50.01 1.41 0.00	43.10 1.22 0.00	41.46 1.17 0.00	37.24 1.12 0.00	32.67 1.04 0.00	29.78 0.92 0.00
GILBOA___ 23599	28.66 0.75 0.00	27.64 0.67 0.00	25.85 0.53 0.00	23.88 0.58 0.00	23.12 0.56 0.00	24.91 0.51 0.00	27.52 0.65 0.00	28.00 0.84 0.00	29.00 0.87 0.00	29.40 0.91 0.00	30.13 0.91 0.00	33.66 1.01 0.00	36.06 1.02 0.00	38.36 1.15 0.00	41.00 1.23 0.00	42.93 1.13 0.00	49.45 1.39 0.00	56.51 1.65 0.00	50.01 1.41 0.00	43.10 1.21 0.00	41.46 1.17 0.00	37.24 1.12 0.00	32.67 1.04 0.00	29.78 0.92 0.00
GINNA___ 23603	26.65 -1.26 0.00	25.56 -1.40 0.00	23.70 -1.62 0.00	21.88 -1.42 0.00	21.00 -1.56 0.00	22.91 -1.49 0.00	25.19 -1.69 0.00	25.74 -1.41 0.00	26.75 -1.38 0.00	27.55 -0.94 0.00	27.91 -1.31 0.00	31.02 -1.63 0.00	33.78 -1.26 0.00	35.49 -1.71 0.01	37.66 -2.11 0.01	40.01 -1.80 0.00	46.52 -1.54 0.00	53.00 -1.87 0.00	46.80 -1.80 0.00	39.23 -2.09 0.56	38.27 -1.97 0.05	34.30 -1.80 0.01	30.08 -1.55 0.00	27.39 -1.47 0.00
GLEN PARK___ 23778	27.68 -0.22 0.00	26.67 -0.30 0.00	24.94 -0.38 0.00	22.88 -0.42 0.00	22.17 -0.38 0.00	23.99 -0.41 0.00	26.48 -0.40 0.00	26.75 -0.41 0.00	27.59 -0.54 0.00	28.06 -0.43 0.00	28.58 -0.64 0.00	31.84 -0.82 0.00	34.17 -0.87 0.00	36.39 -0.82 0.00	38.66 -1.11 0.00	40.89 -0.92 0.00	46.87 -0.82 0.38	54.49 -0.38 0.00	48.55 -0.05 0.00	42.13 0.13 -0.11	40.50 0.20 -0.01	36.19 0.07 0.00	31.22 -0.41 0.00	28.45 -0.40 0.00
GLENDALE_27_KV_LOAD 356172	29.98 2.06 -0.01	28.79 1.83 0.00	26.87 1.54 0.00	24.67 1.37 0.00	23.84 1.29 0.00	25.82 1.42 0.00	28.71 1.83 0.00	29.49 2.34 0.00	30.69 2.56 0.00	31.37 2.88 -0.01	32.10 2.86 -0.01	35.86 3.20 -0.01	38.37 3.33 0.00	40.85 3.65 0.00	43.55 3.78 0.00	45.49 3.68 0.00	52.96 4.90 0.00	60.30 5.43 0.00	53.17 4.57 0.00	45.53 3.64 0.00	43.84 3.55 0.00	39.11 3.00 0.00	34.51 2.88 0.00	31.41 2.54 -0.01
GLENWOOD_IC_1_G5 23712	35.65 2.26 -5.49	30.09 2.05 -1.08	27.23 1.80 -0.11	25.40 1.61 -0.49	24.02 1.47 0.00	26.21 1.68 -0.13	28.84 1.96 0.00	29.66 2.50 0.00	33.28 2.73 -2.42	35.94 2.96 -4.49	34.87 3.07 -2.57	36.92 3.49 -0.77	38.72 3.68 0.00	44.91 3.91 -3.80	45.12 4.10 -1.25	73.78 4.14 -27.83	111.30 5.29 -57.95	97.70 5.98 -36.85	54.56 5.10 -0.85	45.78 3.90 0.00	43.80 3.51 0.00	39.47 3.36 0.00	34.84 3.07 -0.14	34.08 2.71 -2.51
GLENWOOD_IC_2_G1 23688	35.57 2.18 -5.49	30.04 2.00 -1.08	27.15 1.72 -0.11	25.11 1.33 -0.49	23.98 1.42 0.00	26.17 1.64 -0.13	28.82 1.94 0.00	29.49 2.34 0.00	33.17 2.62 -2.42	35.54 2.57 -4.49	34.72 2.92 -2.57	36.72 3.30 -0.77	38.51 3.47 0.00	44.94 3.72 -4.01	45.04 4.02 -1.25	97.27 4.01 -51.45	162.78 5.14 -109.57	130.36 5.81 -69.68	54.41 4.96 -0.85	45.70 3.81 0.00	43.76 3.47 0.00	39.33 3.21 0.00	34.71 2.94 -0.14	33.97 2.60 -2.51
GLENWOOD_IC_3_G1 23689	35.57 2.18 -5.49	30.04 2.00 -1.08	27.15 1.72 -0.11	25.11 1.33 -0.49	23.98 1.42 0.00	26.17 1.64 -0.13	28.82 1.94 0.00	29.49 2.34 0.00	33.17 2.62 -2.42	35.54 2.57 -4.49	34.72 2.92 -2.57	36.72 3.30 -0.77	38.51 3.47 0.00	44.94 3.72 -4.01	45.04 4.02 -1.25	97.27 4.01 -51.45	162.78 5.14 -109.57	130.36 5.81 -69.68	54.41 4.96 -0.85	45.70 3.81 0.00	43.76 3.47 0.00	39.33 3.21 0.00	34.71 2.94 -0.14	33.97 2.60 -2.51
GLENWOOD___4 23550	35.65 2.26 -5.49	30.09 2.05 -1.08	27.23 1.80 -0.11	25.40 1.61 -0.49	24.02 1.47 0.00	26.21 1.68 -0.13	28.84 1.96 0.00	29.66 2.50 0.00	33.28 2.73 -2.42	35.94 2.96 -4.49	34.87 3.07 -2.57	36.92 3.49 -0.77	38.72 3.68 0.00	44.95 3.94 -3.80	45.20 4.18 -1.25	73.82 4.18 -27.83	111.34 5.33 -57.95	97.75 6.04 -36.85	54.60 5.15 -0.85	45.82 3.94 0.00	43.88 3.59 0.00	39.47 3.36 0.00	34.84 3.07 -0.14	34.08 2.71 -2.51
GLENWOOD___5 23614	35.65 2.26 -5.49	30.09 2.05 -1.08	27.23 1.80 -0.11	25.40 1.61 -0.49	24.02 1.47 0.00	26.21 1.68 -0.13	28.84 1.96 0.00	29.66 2.50 0.00	33.28 2.73 -2.42	35.94 2.96 -4.49	34.87 3.07 -2.57	36.92 3.49 -0.77	38.72 3.68 0.00	44.95 3.94 -3.80	45.20 4.18 -1.25	73.82 4.18 -27.83	111.34 5.33 -57.95	97.75 6.04 -36.85	54.60 5.15 -0.85	45.82 3.94 0.00	43.88 3.59 0.00	39.47 3.36 0.00	34.84 3.07 -0.14	34.08 2.71 -2.51
GLOBAL GREEN_PORT_GT1 23814	37.05 3.65 -5.49	31.41 3.37 -1.08	28.47 3.04 -0.11	26.17 2.38 -0.49	25.06 2.50 0.00	27.43 2.90 -0.13	30.02 3.14 0.00	30.71 3.56 0.00	34.49 3.94 -2.42	36.96 3.99 -4.49	36.39 4.59 -2.57	38.75 5.32 -0.77	40.76 5.71 0.00	47.19 6.40 -3.58	47.95 6.92 -1.26	52.94 7.27 -3.86	62.64 9.03 -5.55	68.83 10.43 -3.54	58.50 9.04 -0.86	48.85 6.96 -0.01	46.41 6.12 0.00	41.68 5.56 0.00	36.64 4.87 -0.14	35.58 4.21 -2.51
GLOBE___DSASP 323697	26.62 -1.28 0.00	25.51 -1.46 0.00	23.42 -1.90 0.00	21.41 -1.89 0.00	20.87 -1.69 0.00	22.77 -1.63 0.00	24.59 -2.28 0.00	25.20 -1.96 0.00	26.69 -1.43 0.00	26.38 -2.11 0.00	27.79 -1.43 0.00	30.79 -1.86 0.00	33.89 -1.16 0.00	34.23 -2.98 0.00	36.51 -3.26 0.00	38.97 -2.84 -0.01	45.81 -2.26 -0.01	51.79 -3.07 0.00	45.59 -3.01 0.00	37.74 -3.60 0.54	36.98 -3.26 0.04	33.51 -2.60 0.01	29.64 -1.99 0.00	27.10 -1.76 0.00
GOETHSLN___LBMP 323567	29.55 1.65 0.00	28.42 1.46 0.00	26.54 1.22 0.00	24.42 1.12 0.00	23.62 1.06 0.00	25.60 1.20 0.00	28.41 1.53 0.00	29.19 2.04 0.00	30.35 2.22 0.00	31.00 2.51 0.00	31.68 2.45 0.00	35.43 2.78 0.00	37.92 2.87 0.00	40.41 3.20 0.00	43.03 3.26 0.00	44.94 3.14 0.00	52.29 4.23 0.00	59.59 4.72 0.00	52.63 4.03 0.00	44.94 3.06 0.00	43.39 3.10 0.00	38.79 2.67 0.00	34.13 2.50 0.00	30.99 2.14 0.00
GOLAH___69_KV_TB 1_2 80279	27.96 0.06 0.00	26.80 -0.16 0.00	24.74 -0.58 0.00	22.58 -0.72 0.00	21.95 -0.61 0.00	23.94 -0.46 0.00	26.13 -0.75 0.00	26.70 -0.46 0.00	27.90 -0.23 0.00	27.78 -0.71 0.00	28.96 -0.26 0.00	32.19 -0.46 0.00	35.11 0.07 0.00	36.31 -0.89 0.01	38.85 -0.91 0.01	41.30 -0.50 0.00	48.16 0.10 0.00	54.81 -0.05 0.00	48.41 -0.19 0.00	40.52 -0.80 0.57	39.56 -0.68 0.05	35.53 -0.58 0.01	31.19 -0.44 0.00	28.45 -0.40 0.00

GOODYEAR_LAKE_HYD 323669	29.33 1.42 0.00	28.20 1.24 0.00	26.33 1.01 0.00	24.21 0.91 0.00	23.44 0.88 0.00	25.38 0.98 0.00	28.06 1.18 0.00	28.54 1.39 0.00	29.48 1.35 0.00	29.86 1.37 0.00	30.63 1.40 0.00	34.19 1.53 0.00	36.72 1.68 0.00	39.03 1.82 0.00	41.64 1.87 0.00	43.81 2.01 0.00	50.80 2.74 0.00	58.32 3.46 0.00	51.71 3.11 0.00	44.19 2.30 0.00	42.55 2.26 0.00	38.10 1.99 0.00	33.31 1.68 0.00	30.33 1.47 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.38 0.47 0.00	27.28 0.32 0.00	25.42 0.10 0.00	23.34 0.05 0.00	22.62 0.07 0.00	24.55 0.15 0.00	27.04 0.16 0.00	27.54 0.38 0.00	28.55 0.42 0.00	28.86 0.37 0.00	29.75 0.53 0.00	33.24 0.59 0.00	35.81 0.77 0.00	37.73 0.52 0.00	40.33 0.56 0.00	42.56 0.75 0.00	49.31 1.25 0.00	56.18 1.32 0.00	49.67 1.07 0.00	42.07 0.34 0.15	40.64 0.36 0.01	36.55 0.43 0.00	32.04 0.41 0.00	29.20 0.35 0.00
GOUDEY___7 23579	28.41 0.50 0.00	27.31 0.35 0.00	25.45 0.13 0.00	23.37 0.07 0.00	22.65 0.09 0.00	24.57 0.17 0.00	27.07 0.19 0.00	27.56 0.41 0.00	28.58 0.45 0.00	28.92 0.43 0.00	29.78 0.56 0.00	33.27 0.62 0.00	35.88 0.84 0.00	37.76 0.56 0.00	40.37 0.60 0.00	42.64 0.84 0.00	49.41 1.35 0.00	56.29 1.43 0.00	49.72 1.12 0.00	42.11 0.38 0.15	40.72 0.44 0.01	36.62 0.51 0.00	32.07 0.44 0.00	29.23 0.38 0.00
GOUDEY___8 23580	28.38 0.47 0.00	27.28 0.32 0.00	25.42 0.10 0.00	23.34 0.05 0.00	22.62 0.07 0.00	24.55 0.15 0.00	27.04 0.16 0.00	27.54 0.38 0.00	28.55 0.42 0.00	28.86 0.37 0.00	29.75 0.53 0.00	33.24 0.59 0.00	35.81 0.77 0.00	37.73 0.52 0.00	40.33 0.56 0.00	42.56 0.75 0.00	49.31 1.25 0.00	56.18 1.32 0.00	49.67 1.07 0.00	42.07 0.34 0.15	40.64 0.36 0.01	36.55 0.43 0.00	32.04 0.41 0.00	29.20 0.35 0.00
GOWANUS_GT1_1 24077	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT1_2 24078	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT1_3 24079	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT1_4 24080	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT1_5 24084	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT1_6 24111	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT1_7 24112	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT1_8 24113	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT2_1 24114	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT2_2 24115	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT2_3 24116	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01

GOWANUS_GT2_4 24117	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT2_5 24118	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT2_6 24119	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT2_7 24120	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT2_8 24121	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT3_1 24122	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT3_2 24123	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT3_3 24124	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT3_4 24125	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT3_5 24126	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT3_6 24127	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT3_7 24128	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT3_8 24129	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT4_1 24130	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT4_2 24131	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01

GOWANUS_GT4_3 24132	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT4_4 24133	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT4_5 24134	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT4_6 24135	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT4_7 24136	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GOWANUS_GT4_8 24137	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GREENBSH_115KV_TB3 55895	28.46 0.56 0.00	27.50 0.54 0.00	25.73 0.41 0.00	23.74 0.44 0.00	22.99 0.43 0.00	24.82 0.41 0.00	27.39 0.51 0.00	27.81 0.65 0.00	28.78 0.65 0.00	29.09 0.60 0.00	29.81 0.58 0.00	33.30 0.65 0.00	35.64 0.60 0.00	37.95 0.74 0.00	40.65 0.87 0.00	42.64 0.84 0.00	49.17 1.11 0.00	56.24 1.37 0.00	49.91 1.31 0.00	42.98 1.09 0.00	41.34 1.05 0.00	37.13 1.01 0.00	32.71 1.08 0.00	29.84 0.98 0.00
GREENIDGE_115KV_TB5 80291	28.24 0.33 0.00	27.04 0.08 0.00	25.04 -0.28 0.00	22.88 -0.42 0.00	22.20 -0.36 0.00	24.23 -0.17 0.00	26.64 -0.24 0.00	27.24 0.08 0.00	28.30 0.17 0.00	28.46 -0.03 0.00	29.52 0.29 0.00	33.01 0.36 0.00	35.85 0.81 0.00	37.28 0.07 0.00	39.53 -0.24 0.00	42.02 0.21 0.00	49.02 0.96 0.00	55.74 0.88 0.00	49.28 0.68 0.00	40.96 -0.59 0.34	39.86 -0.40 0.03	36.18 0.07 0.01	31.69 0.06 0.00	28.83 -0.03 0.00
GREENIDGE___3 23582	28.24 0.33 0.00	27.04 0.08 0.00	25.04 -0.28 0.00	22.88 -0.42 0.00	22.20 -0.36 0.00	24.23 -0.17 0.00	26.64 -0.24 0.00	27.24 0.08 0.00	28.30 0.17 0.00	28.46 -0.03 0.00	29.52 0.29 0.00	33.01 0.36 0.00	35.85 0.81 0.00	37.28 0.07 0.00	39.53 -0.24 0.00	42.02 0.21 0.00	49.02 0.96 0.00	55.74 0.88 0.00	49.28 0.68 0.00	40.96 -0.59 0.34	39.86 -0.40 0.03	36.18 0.07 0.01	31.69 0.06 0.00	28.83 -0.03 0.00
GREENIDGE___4 23583	28.24 0.34 0.00	27.04 0.08 0.00	25.07 -0.25 0.00	23.11 -0.19 0.00	22.20 -0.36 0.00	24.28 -0.12 0.00	26.75 -0.13 0.00	27.37 0.22 0.00	28.30 0.17 0.00	29.23 0.74 0.00	29.61 0.38 0.00	33.01 0.36 0.00	35.85 0.81 0.00	37.28 0.07 0.00	39.53 -0.24 0.00	42.02 0.21 0.00	49.02 0.96 0.00	55.74 0.88 0.00	49.28 0.68 0.00	40.96 -0.59 0.34	39.86 -0.40 0.03	36.18 0.07 0.01	31.69 0.06 0.00	28.83 -0.03 0.00
GREENLWN_69_KV_BK 3 55738	35.23 1.84 -5.49	29.69 1.64 -1.08	26.85 1.42 -0.11	25.05 1.26 -0.49	23.71 1.15 0.00	25.87 1.34 -0.13	28.44 1.56 0.00	29.25 2.09 0.00	32.83 2.28 -2.42	35.48 2.51 -4.49	34.28 2.48 -2.57	36.20 2.78 -0.77	37.95 2.91 0.00	44.10 3.31 -3.58	44.52 3.50 -1.24	49.83 3.51 -4.51	59.58 4.52 -7.00	64.47 5.16 -4.45	53.82 4.37 -0.85	45.19 3.31 0.00	43.19 2.90 0.00	38.75 2.64 0.00	34.27 2.50 -0.14	33.56 2.19 -2.51
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
GRISSOM___SOLAR 323813	31.62 3.71 0.00	30.33 3.37 0.00	28.13 2.81 0.00	25.79 2.49 0.00	24.90 2.35 0.00	27.13 2.73 0.00	30.45 3.58 0.00	30.69 3.53 0.00	31.50 3.37 0.00	31.54 3.05 0.00	32.32 3.10 0.00	36.18 3.53 0.00	38.69 3.64 0.00	41.37 4.17 0.00	44.34 4.57 0.00	47.20 5.40 0.00	55.13 7.07 0.00	64.19 9.33 0.00	57.16 8.56 0.00	48.50 6.62 0.00	46.78 6.49 0.00	41.60 5.49 0.00	36.21 4.58 0.00	33.04 4.18 0.00
GROVEVILLE___HYD 323602	29.69 1.79 0.00	28.55 1.59 0.00	26.71 1.39 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.65 1.24 0.00	28.49 1.61 0.00	29.11 1.96 0.00	30.24 2.11 0.00	30.77 2.28 0.00	31.53 2.31 0.00	35.26 2.61 0.00	37.88 2.84 0.00	40.41 3.20 0.00	43.23 3.46 0.00	45.28 3.47 0.00	52.24 4.18 0.00	59.64 4.77 0.00	52.68 4.08 0.00	45.07 3.18 0.00	43.39 3.10 0.00	38.79 2.67 0.00	33.94 2.31 0.00	30.94 2.08 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.10 0.20 0.00	27.04 0.08 0.00	25.27 -0.05 0.00	23.20 -0.09 0.00	22.47 -0.09 0.00	24.35 -0.05 0.00	26.88 0.00 0.00	27.21 0.05 0.00	28.16 0.03 0.00	28.52 0.03 0.00	29.34 0.12 0.00	32.85 0.20 0.00	35.36 0.32 0.00	37.39 0.19 0.00	39.97 0.20 0.00	42.18 0.38 0.00	48.60 0.58 0.03	55.42 0.55 0.00	49.04 0.44 0.00	41.97 0.08 0.00	40.41 0.12 0.00	36.22 0.11 0.00	31.69 0.06 0.00	28.89 0.03 0.00

HAMLTNNY_34_KV_TB 80303	28.07 0.17 0.00	27.02 0.05 0.00	25.22 -0.10 0.00	23.13 -0.16 0.00	22.42 -0.14 0.00	24.33 -0.07 0.00	26.83 -0.05 0.00	27.18 0.03 0.00	28.16 0.03 0.00	28.49 0.00 0.00	29.31 0.09 0.00	32.81 0.16 0.00	35.36 0.32 0.00	37.32 0.11 0.00	39.93 0.16 0.00	42.14 0.33 0.00	48.70 0.67 0.03	55.52 0.66 0.00	49.13 0.53 0.00	41.97 0.08 0.00	40.45 0.16 0.00	36.22 0.11 0.00	31.72 0.09 0.00	28.89 0.03 0.00
HAMPSHIRE___PAPER_HYD 323593	27.04 -0.87 0.00	26.15 -0.81 0.00	24.64 -0.68 0.00	22.62 -0.68 0.00	21.93 -0.63 0.00	23.72 -0.68 0.00	26.13 -0.75 0.00	26.32 -0.84 0.00	27.17 -0.96 0.00	27.58 -0.91 0.00	28.18 -1.05 0.00	31.38 -1.27 0.00	33.57 -1.47 0.00	35.83 -1.38 0.00	38.22 -1.55 0.00	40.22 -1.59 0.00	44.86 -2.21 0.99	52.61 -2.25 0.00	46.80 -1.80 0.00	40.80 -1.09 0.00	39.24 -1.05 0.00	35.10 -1.01 0.00	30.43 -1.20 0.00	27.88 -0.98 0.00
HARDSCRABBLE_WT_PWR 323673	28.10 0.20 0.00	27.12 0.16 0.00	25.40 0.08 0.00	23.34 0.05 0.00	22.62 0.07 0.00	24.48 0.07 0.00	26.99 0.11 0.00	27.32 0.16 0.00	28.27 0.14 0.00	28.60 0.11 0.00	29.37 0.15 0.00	32.82 0.16 0.00	35.22 0.18 0.00	37.43 0.22 0.00	39.97 0.20 0.00	41.93 0.13 0.00	48.27 0.24 0.03	55.20 0.33 0.00	48.84 0.24 0.00	41.93 0.04 0.00	40.25 -0.04 0.00	36.12 0.00 0.00	31.57 -0.06 0.00	28.77 -0.09 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.44 1.53 0.00	28.31 1.35 0.00	26.49 1.16 0.00	24.30 1.00 0.00	23.53 0.97 0.00	25.48 1.07 0.00	28.22 1.34 0.00	28.87 1.71 0.00	29.96 1.83 0.00	30.51 2.02 0.00	31.24 2.02 0.00	34.90 2.25 0.00	37.46 2.42 0.00	39.96 2.75 0.00	42.71 2.94 0.00	44.73 2.93 0.00	51.95 3.89 0.00	59.26 4.39 0.00	52.34 3.74 0.00	44.78 2.89 0.00	43.03 2.74 0.00	38.46 2.35 0.00	33.72 2.09 0.00	30.73 1.88 0.00
HARSNRAD_115KV_TB1 81005	27.26 -0.64 0.00	26.07 -0.89 0.00	23.95 -1.37 0.00	21.85 -1.44 0.00	21.32 -1.24 0.00	23.28 -1.12 0.00	25.19 -1.69 0.00	25.85 -1.30 0.00	27.31 -0.82 0.00	27.04 -1.45 0.00	28.47 -0.76 0.00	31.57 -1.08 0.00	34.76 -0.28 0.00	35.19 -2.01 0.00	37.58 -2.19 0.00	40.10 -1.71 0.00	47.15 -0.91 0.00	53.33 -1.54 0.00	46.95 -1.65 0.00	38.71 -2.64 0.54	37.91 -2.34 0.04	34.37 -1.73 0.01	30.36 -1.27 0.00	27.73 -1.13 0.00
HARZA MOOSE___RIVER 24016	28.27 0.36 0.00	27.23 0.27 0.00	25.52 0.20 0.00	23.41 0.12 0.00	22.69 0.14 0.00	24.55 0.15 0.00	27.09 0.22 0.00	27.43 0.27 0.00	28.35 0.23 0.00	28.69 0.20 0.00	29.37 0.15 0.00	32.78 0.13 0.00	35.22 0.18 0.00	37.47 0.26 0.00	39.93 0.16 0.00	42.10 0.29 0.00	48.31 0.53 0.28	55.80 0.93 0.00	49.52 0.92 0.00	42.64 0.75 0.00	41.02 0.73 0.00	36.73 0.61 0.00	31.76 0.13 0.00	28.94 0.09 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	27.85 -0.06 0.00	26.83 -0.13 0.00	25.04 -0.28 0.00	23.02 -0.28 0.00	22.31 -0.25 0.00	24.16 -0.24 0.00	26.64 -0.24 0.00	26.97 -0.19 0.00	27.96 -0.17 0.00	28.29 -0.20 0.00	29.11 -0.12 0.00	32.55 -0.10 0.00	35.04 0.00 0.00	37.05 -0.15 0.00	39.57 -0.20 0.00	41.76 -0.04 0.00	48.17 0.14 0.04	54.98 0.11 0.00	48.65 0.05 0.00	41.38 -0.25 0.26	40.07 -0.20 0.02	35.93 -0.18 0.00	31.47 -0.16 0.00	28.68 -0.17 0.00
HELLGATE_13_KV_LD 55870	29.86 1.95 -0.01	28.69 1.73 0.00	26.76 1.44 0.00	24.58 1.28 0.00	23.77 1.22 0.00	25.70 1.29 0.00	28.57 1.69 0.00	29.36 2.20 0.00	30.52 2.39 0.00	31.20 2.71 -0.01	31.92 2.69 -0.01	35.66 3.00 -0.01	38.13 3.08 0.00	40.63 3.42 0.00	43.27 3.50 0.00	45.19 3.39 0.00	52.58 4.52 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.24 3.35 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.35 2.72 0.00	31.26 2.40 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.86 1.95 -0.01	28.69 1.73 0.00	26.76 1.44 0.00	24.58 1.28 0.00	23.77 1.22 0.00	25.70 1.29 0.00	28.57 1.69 0.00	29.36 2.20 0.00	30.52 2.39 0.00	31.20 2.71 -0.01	31.92 2.69 -0.01	35.66 3.00 -0.01	38.13 3.08 0.00	40.63 3.42 0.00	43.27 3.50 0.00	45.19 3.39 0.00	52.58 4.52 0.00	59.86 4.99 0.00	52.78 4.18 0.00	45.24 3.35 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.35 2.72 0.00	31.26 2.40 -0.01
HEMPSTEAD____ 23647	35.51 2.12 -5.49	29.96 1.91 -1.08	27.10 1.67 -0.11	25.04 1.26 -0.49	23.91 1.35 0.00	26.09 1.56 -0.13	28.73 1.85 0.00	29.41 2.25 0.00	33.11 2.56 -2.42	35.48 2.51 -4.49	34.63 2.83 -2.57	36.63 3.20 -0.77	38.41 3.36 0.00	44.48 3.57 -3.70	44.84 3.82 -1.25	62.88 3.84 -17.23	87.75 4.90 -34.78	82.53 5.54 -22.12	54.22 4.77 -0.85	45.53 3.64 0.00	43.60 3.30 0.00	39.22 3.11 0.00	34.65 2.88 -0.14	33.91 2.54 -2.51
HEWLETT_69_KV_BK3 55828	35.76 2.37 -5.49	30.17 2.13 -1.08	27.30 1.87 -0.11	25.47 1.68 -0.49	24.09 1.53 0.00	26.29 1.76 -0.13	28.92 2.04 0.00	29.71 2.55 0.00	33.34 2.78 -2.42	36.00 3.02 -4.49	34.92 3.13 -2.57	36.98 3.56 -0.77	38.76 3.71 0.00	44.90 4.06 -3.64	45.32 4.30 -1.25	56.55 4.31 -10.43	73.56 5.58 -19.93	73.90 6.36 -12.67	54.95 5.49 -0.85	46.12 4.23 0.00	44.12 3.83 0.00	39.58 3.47 0.00	34.96 3.19 -0.14	34.20 2.83 -2.51
HICKLING___1 23621	27.96 0.06 0.00	26.75 -0.22 0.00	24.66 -0.66 0.00	22.55 -0.75 0.00	21.88 -0.68 0.00	23.96 -0.44 0.00	26.21 -0.67 0.00	26.91 -0.24 0.00	28.02 -0.11 0.00	28.20 -0.28 0.00	29.34 0.12 0.00	32.78 0.13 0.00	35.71 0.67 0.00	36.83 -0.37 0.00	39.33 -0.44 0.00	41.93 0.13 0.00	49.22 1.15 0.00	55.69 0.82 0.00	49.09 0.49 0.00	40.22 -1.34 0.32	39.18 -1.09 0.03	35.57 -0.54 0.00	31.25 -0.38 0.00	28.45 -0.40 0.00
HICKLING___2 23622	27.96 0.06 0.00	26.75 -0.22 0.00	24.66 -0.66 0.00	22.55 -0.75 0.00	21.88 -0.68 0.00	23.96 -0.44 0.00	26.21 -0.67 0.00	26.91 -0.24 0.00	28.02 -0.11 0.00	28.20 -0.28 0.00	29.34 0.12 0.00	32.78 0.13 0.00	35.71 0.67 0.00	36.83 -0.37 0.00	39.33 -0.44 0.00	41.93 0.13 0.00	49.22 1.15 0.00	55.69 0.82 0.00	49.09 0.49 0.00	40.22 -1.34 0.32	39.18 -1.09 0.03	35.57 -0.54 0.00	31.25 -0.38 0.00	28.45 -0.40 0.00
HIGH FALLS___HY 23754	29.63 1.73 0.00	28.47 1.51 0.00	26.66 1.34 0.00	24.42 1.12 0.00	23.64 1.08 0.00	25.57 1.17 0.00	28.30 1.42 0.00	28.95 1.79 0.00	30.07 1.94 0.00	30.65 2.17 0.00	31.45 2.22 0.00	35.10 2.45 0.00	37.74 2.70 0.00	40.26 3.05 0.00	43.03 3.26 0.00	45.07 3.26 0.00	52.34 4.28 0.00	59.75 4.88 0.00	52.78 4.18 0.00	45.11 3.23 0.00	43.35 3.06 0.00	38.75 2.64 0.00	33.84 2.21 0.00	30.82 1.96 0.00
HIGH_RIVER___SOLAR 323847	29.41 1.51 0.00	28.34 1.37 0.00	26.46 1.14 0.00	24.30 1.00 0.00	23.53 0.97 0.00	25.50 1.10 0.00	28.28 1.40 0.00	28.43 1.28 0.00	29.26 1.13 0.00	29.23 0.74 0.00	29.96 0.73 0.00	33.47 0.82 0.00	35.85 0.81 0.00	38.17 0.97 0.00	40.96 1.19 0.00	43.35 1.55 0.00	50.32 2.26 0.00	58.10 3.24 0.00	51.66 3.06 0.00	44.36 2.47 0.00	42.79 2.50 0.00	38.32 2.20 0.00	33.53 1.90 0.00	30.59 1.73 0.00

HILLBURN___GT 23639	29.41 1.51 0.00	28.31 1.35 0.00	26.46 1.14 0.00	24.20 0.91 0.00	23.50 0.95 0.00	25.47 1.07 0.00	28.28 1.40 0.00	28.87 1.71 0.00	29.98 1.86 0.00	30.29 1.80 0.00	31.30 2.08 0.00	34.97 2.32 0.00	37.43 2.38 0.00	39.81 2.60 0.00	42.64 2.87 0.00	44.65 2.84 0.00	51.86 3.80 0.00	59.15 4.28 0.00	52.20 3.60 0.00	44.65 2.76 0.00	42.91 2.62 0.00	38.39 2.28 0.00	33.72 2.09 0.00	30.71 1.85 0.00
HILLSIDE_115KV_TB1 80332	27.48 -0.42 0.00	26.29 -0.67 0.00	24.28 -1.04 0.00	22.23 -1.07 0.00	21.56 -0.99 0.00	23.60 -0.81 0.00	25.80 -1.08 0.00	26.51 -0.65 0.00	27.59 -0.53 0.00	27.78 -0.71 0.00	28.90 -0.32 0.00	32.26 -0.39 0.00	35.11 0.07 0.00	36.24 -0.97 0.00	38.70 -1.07 0.00	41.22 -0.59 0.00	48.35 0.29 0.00	54.76 -0.11 0.00	48.26 -0.34 0.00	39.52 -2.05 0.31	38.49 -1.77 0.03	34.99 -1.12 0.00	30.78 -0.85 0.00	28.02 -0.84 0.00
HISHELDN_WT_PWR 323625	27.57 -0.33 0.00	26.34 -0.62 0.00	24.26 -1.06 0.00	22.53 -0.77 0.00	21.50 -1.06 0.00	23.55 -0.85 0.00	25.70 -1.18 0.00	26.43 -0.73 0.00	27.54 -0.59 0.00	28.83 0.34 0.00	28.93 -0.29 0.00	32.00 -0.65 0.00	35.15 0.11 0.00	36.42 -0.78 0.00	38.14 -1.63 0.00	40.68 -1.13 -0.01	47.83 -0.24 -0.01	54.10 -0.77 0.00	47.67 -0.92 0.00	38.97 -2.43 0.49	38.12 -2.14 0.04	34.66 -1.45 0.01	30.55 -1.08 0.00	27.88 -0.98 0.00
HOLTSVILLE_IC_1 23690	35.74 2.34 -5.49	30.20 2.16 -1.08	27.35 1.92 -0.11	25.23 1.44 -0.49	24.14 1.58 0.00	26.41 1.88 -0.13	28.98 2.10 0.00	29.60 2.45 0.00	33.25 2.70 -2.42	35.60 2.62 -4.49	34.63 2.83 -2.57	36.53 3.10 -0.77	38.26 3.22 0.00	44.40 3.61 -3.58	44.97 3.94 -1.26	49.56 3.93 -3.82	58.52 5.00 -5.46	64.11 5.76 -3.48	54.42 4.96 -0.86	45.75 3.85 -0.01	43.72 3.42 0.00	39.30 3.18 0.00	34.84 3.07 -0.14	34.08 2.71 -2.51
HOLTSVILLE_IC_10 23699	35.90 2.51 -5.49	30.36 2.32 -1.08	27.48 2.05 -0.11	25.35 1.56 -0.49	24.25 1.69 0.00	26.53 2.00 -0.13	29.08 2.20 0.00	29.74 2.58 0.00	33.42 2.87 -2.42	35.77 2.79 -4.49	34.87 3.07 -2.57	36.82 3.40 -0.77	38.62 3.58 0.00	44.77 3.98 -3.58	45.37 4.34 -1.26	50.17 4.35 -4.01	59.45 5.52 -5.87	64.92 6.31 -3.74	54.96 5.49 -0.87	46.17 4.27 -0.01	44.04 3.75 0.00	39.62 3.50 -0.01	35.09 3.32 -0.14	34.28 2.91 -2.51
HOLTSVILLE_IC_2 23691	35.74 2.34 -5.49	30.20 2.16 -1.08	27.35 1.92 -0.11	25.23 1.44 -0.49	24.14 1.58 0.00	26.41 1.88 -0.13	28.98 2.10 0.00	29.60 2.45 0.00	33.25 2.70 -2.42	35.60 2.62 -4.49	34.63 2.83 -2.57	36.53 3.10 -0.77	38.26 3.22 0.00	44.40 3.61 -3.58	44.97 3.94 -1.26	49.56 3.93 -3.82	58.52 5.00 -5.46	64.11 5.76 -3.48	54.42 4.96 -0.86	45.75 3.85 -0.01	43.72 3.42 0.00	39.30 3.18 0.00	34.84 3.07 -0.14	34.08 2.71 -2.51
HOLTSVILLE_IC_3 23692	35.74 2.34 -5.49	30.20 2.16 -1.08	27.35 1.92 -0.11	25.23 1.44 -0.49	24.14 1.58 0.00	26.41 1.88 -0.13	28.98 2.10 0.00	29.60 2.45 0.00	33.25 2.70 -2.42	35.60 2.62 -4.49	34.63 2.83 -2.57	36.53 3.10 -0.77	38.26 3.22 0.00	44.40 3.61 -3.58	44.97 3.94 -1.26	49.56 3.93 -3.82	58.52 5.00 -5.46	64.11 5.76 -3.48	54.42 4.96 -0.86	45.75 3.85 -0.01	43.72 3.42 0.00	39.30 3.18 0.00	34.84 3.07 -0.14	34.08 2.71 -2.51
HOLTSVILLE_IC_4 23693	35.74 2.34 -5.49	30.20 2.16 -1.08	27.35 1.92 -0.11	25.23 1.44 -0.49	24.14 1.58 0.00	26.41 1.88 -0.13	28.98 2.10 0.00	29.60 2.45 0.00	33.25 2.70 -2.42	35.60 2.62 -4.49	34.63 2.83 -2.57	36.53 3.10 -0.77	38.26 3.22 0.00	44.40 3.61 -3.58	44.97 3.94 -1.26	49.56 3.93 -3.82	58.52 5.00 -5.46	64.11 5.76 -3.48	54.42 4.96 -0.86	45.75 3.85 -0.01	43.72 3.42 0.00	39.30 3.18 0.00	34.84 3.07 -0.14	34.08 2.71 -2.51
HOLTSVILLE_IC_5 23694	35.74 2.34 -5.49	30.20 2.16 -1.08	27.35 1.92 -0.11	25.23 1.44 -0.49	24.14 1.58 0.00	26.41 1.88 -0.13	28.98 2.10 0.00	29.60 2.45 0.00	33.25 2.70 -2.42	35.60 2.62 -4.49	34.63 2.83 -2.57	36.53 3.10 -0.77	38.26 3.22 0.00	44.40 3.61 -3.58	44.97 3.94 -1.26	49.56 3.93 -3.82	58.52 5.00 -5.46	64.11 5.76 -3.48	54.42 4.96 -0.86	45.75 3.85 -0.01	43.72 3.42 0.00	39.30 3.18 0.00	34.84 3.07 -0.14	34.08 2.71 -2.51
HOLTSVILLE_IC_6 23695	35.90 2.51 -5.49	30.36 2.32 -1.08	27.48 2.05 -0.11	25.35 1.56 -0.49	24.25 1.69 0.00	26.53 2.00 -0.13	29.08 2.20 0.00	29.74 2.58 0.00	33.42 2.87 -2.42	35.77 2.79 -4.49	34.87 3.07 -2.57	36.82 3.40 -0.77	38.62 3.58 0.00	44.77 3.98 -3.58	45.37 4.34 -1.26	50.17 4.35 -4.01	59.45 5.52 -5.87	64.92 6.31 -3.74	54.96 5.49 -0.87	46.17 4.27 -0.01	44.04 3.75 0.00	39.62 3.50 -0.01	35.09 3.32 -0.14	34.28 2.91 -2.51
HOLTSVILLE_IC_7 23696	35.90 2.51 -5.49	30.36 2.32 -1.08	27.48 2.05 -0.11	25.35 1.56 -0.49	24.25 1.69 0.00	26.53 2.00 -0.13	29.08 2.20 0.00	29.74 2.58 0.00	33.42 2.87 -2.42	35.77 2.79 -4.49	34.87 3.07 -2.57	36.82 3.40 -0.77	38.62 3.58 0.00	44.77 3.98 -3.58	45.37 4.34 -1.26	50.17 4.35 -4.01	59.45 5.52 -5.87	64.92 6.31 -3.74	54.96 5.49 -0.87	46.17 4.27 -0.01	44.04 3.75 0.00	39.62 3.50 -0.01	35.09 3.32 -0.14	34.28 2.91 -2.51
HOLTSVILLE_IC_8 23697	35.90 2.51 -5.49	30.36 2.32 -1.08	27.48 2.05 -0.11	25.35 1.56 -0.49	24.25 1.69 0.00	26.53 2.00 -0.13	29.08 2.20 0.00	29.74 2.58 0.00	33.42 2.87 -2.42	35.77 2.79 -4.49	34.87 3.07 -2.57	36.82 3.40 -0.77	38.62 3.58 0.00	44.77 3.98 -3.58	45.37 4.34 -1.26	50.17 4.35 -4.01	59.45 5.52 -5.87	64.92 6.31 -3.74	54.96 5.49 -0.87	46.17 4.27 -0.01	44.04 3.75 0.00	39.62 3.50 -0.01	35.09 3.32 -0.14	34.28 2.91 -2.51
HOLTSVILLE_IC_9 23698	35.90 2.51 -5.49	30.36 2.32 -1.08	27.48 2.05 -0.11	25.35 1.56 -0.49	24.25 1.69 0.00	26.53 2.00 -0.13	29.08 2.20 0.00	29.74 2.58 0.00	33.42 2.87 -2.42	35.77 2.79 -4.49	34.87 3.07 -2.57	36.82 3.40 -0.77	38.62 3.58 0.00	44.77 3.98 -3.58	45.37 4.34 -1.26	50.17 4.35 -4.01	59.45 5.52 -5.87	64.92 6.31 -3.74	54.96 5.49 -0.87	46.17 4.27 -0.01	44.04 3.75 0.00	39.62 3.50 -0.01	35.09 3.32 -0.14	34.28 2.91 -2.51
HOMER_HL_115KV_TB2 355744	27.85 -0.06 0.00	26.58 -0.38 0.00	24.43 -0.89 0.00	22.34 -0.96 0.00	21.72 -0.83 0.00	23.82 -0.59 0.00	25.91 -0.97 0.00	26.70 -0.46 0.00	27.96 -0.17 0.00	27.98 -0.51 0.00	29.28 0.06 0.00	32.62 -0.03 0.00	35.67 0.63 0.00	36.39 -0.82 0.00	38.86 -0.91 0.00	41.39 -0.42 -0.01	48.93 0.87 -0.01	55.25 0.38 0.00	48.65 0.05 0.00	38.57 -2.85 0.47	38.00 -2.26 0.04	35.10 -1.01 0.01	30.90 -0.73 0.00	28.28 -0.58 0.00
HOWARD_WT_PWR 323690	29.41 1.51 0.00	27.99 1.02 0.00	25.85 0.53 0.00	23.79 0.49 0.00	22.83 0.27 0.00	25.06 0.66 0.00	27.60 0.73 0.00	28.43 1.28 0.00	29.34 1.21 0.00	30.57 2.08 0.00	30.89 1.67 0.00	34.45 1.79 0.00	37.53 2.49 0.00	39.06 1.86 0.00	41.16 1.39 0.00	43.65 1.84 0.00	51.14 3.08 0.00	57.99 3.13 0.00	51.03 2.43 0.00	41.32 -0.21 0.36	40.30 0.04 0.03	36.72 0.61 0.01	32.07 0.44 0.00	29.23 0.37 0.00

HQ_GEN_CEDARS 23644	27.37 -0.53 0.00	26.61 -0.35 0.00	25.19 -0.13 0.00	23.20 -0.09 0.00	22.42 -0.14 0.00	24.26 -0.15 0.00	26.72 -0.16 0.00	26.75 -0.41 0.00	27.62 -0.51 0.00	28.06 -0.43 0.00	28.67 -0.56 0.00	31.97 -0.69 0.00	34.27 -0.77 0.00	36.50 -0.71 0.00	39.06 -0.72 0.00	41.01 -0.79 0.00	44.06 -1.97 2.03	52.56 -2.30 0.00	46.66 -1.94 0.00	41.13 -0.75 0.00	39.53 -0.77 0.00	35.39 -0.72 0.00	30.87 -0.76 0.00	28.34 -0.52 0.00
HQ_GEN_CEDARS_PROXY 323590	27.37 -0.53 0.00	26.58 -0.38 0.00	25.20 -0.13 0.00	23.16 -0.14 0.00	22.42 -0.13 0.00	24.26 -0.15 0.00	26.64 -0.24 0.00	26.72 -0.44 0.00	27.62 -0.51 0.00	28.01 -0.48 0.00	28.64 -0.58 0.00	31.96 -0.69 0.00	34.27 -0.77 0.00	36.50 -0.71 0.00	38.87 -0.71 0.19	41.20 -0.80 -0.19	44.06 -1.97 2.03	52.56 -2.30 0.00	46.65 -1.95 0.00	41.13 -0.75 0.00	39.53 -0.77 0.00	35.39 -0.72 0.00	30.87 -0.76 0.00	28.34 -0.52 0.00
HQ_GEN_IMPORT 323601	27.46 -0.45 0.00	26.61 -0.35 0.00	25.17 -0.15 0.00	23.16 -0.14 0.00	22.42 -0.13 0.00	24.26 -0.15 0.00	26.61 -0.27 0.00	26.75 -0.41 0.00	27.71 -0.42 0.00	28.06 -0.43 0.00	28.76 -0.47 0.00	32.13 -0.52 0.00	34.48 -0.56 0.00	36.65 -0.56 0.00	38.99 -0.60 0.19	41.37 -0.63 -0.19	47.03 -1.10 -0.07	53.61 -1.26 0.00	47.53 -1.07 0.00	41.26 -0.63 0.00	39.65 -0.65 0.00	35.50 -0.61 0.00	31.06 -0.57 0.00	28.37 -0.49 0.00
HQ_GEN_WHEEL 23651	27.46 -0.45 0.00	26.61 -0.35 0.00	25.17 -0.15 0.00	23.16 -0.14 0.00	22.42 -0.13 0.00	24.26 -0.15 0.00	26.61 -0.27 0.00	26.75 -0.41 0.00	27.71 -0.42 0.00	28.06 -0.43 0.00	28.76 -0.47 0.00	32.13 -0.52 0.00	34.48 -0.56 0.00	36.65 -0.56 0.00	38.99 -0.60 0.19	41.37 -0.63 -0.19	47.03 -1.10 -0.07	53.61 -1.26 0.00	47.53 -1.07 0.00	41.26 -0.63 0.00	39.65 -0.65 0.00	35.50 -0.61 0.00	31.06 -0.57 0.00	28.37 -0.49 0.00
HUDSON AVE_GT_3 23810	29.75 1.84 0.00	28.58 1.62 0.00	26.71 1.39 0.00	24.53 1.23 0.00	23.73 1.17 0.00	25.72 1.32 0.00	28.57 1.69 0.00	29.33 2.17 0.00	30.49 2.36 0.00	31.14 2.65 0.00	31.86 2.63 0.00	35.59 2.94 0.00	38.13 3.08 0.00	40.63 3.42 0.00	43.27 3.50 0.00	45.23 3.43 0.00	52.67 4.61 0.00	60.02 5.16 0.00	52.97 4.37 0.00	45.28 3.39 0.00	43.60 3.30 0.00	38.93 2.82 0.00	34.26 2.63 0.00	31.14 2.28 0.00
HUDSON AVE_GT_4 23540	29.75 1.84 0.00	28.58 1.62 0.00	26.71 1.39 0.00	24.53 1.23 0.00	23.73 1.17 0.00	25.72 1.32 0.00	28.57 1.69 0.00	29.33 2.17 0.00	30.49 2.36 0.00	31.14 2.65 0.00	31.86 2.63 0.00	35.59 2.94 0.00	38.13 3.08 0.00	40.63 3.42 0.00	43.27 3.50 0.00	45.23 3.43 0.00	52.67 4.61 0.00	60.02 5.16 0.00	52.97 4.37 0.00	45.28 3.39 0.00	43.60 3.30 0.00	38.93 2.82 0.00	34.26 2.63 0.00	31.14 2.28 0.00
HUDSON AVE_GT_5 23657	29.75 1.84 0.00	28.58 1.62 0.00	26.71 1.39 0.00	24.53 1.23 0.00	23.73 1.17 0.00	25.72 1.32 0.00	28.57 1.69 0.00	29.33 2.17 0.00	30.49 2.36 0.00	31.14 2.65 0.00	31.86 2.63 0.00	35.59 2.94 0.00	38.13 3.08 0.00	40.63 3.42 0.00	43.27 3.50 0.00	45.23 3.43 0.00	52.67 4.61 0.00	60.02 5.16 0.00	52.97 4.37 0.00	45.28 3.39 0.00	43.60 3.30 0.00	38.93 2.82 0.00	34.26 2.63 0.00	31.14 2.28 0.00
HUDSON_AVE_10 24168	29.69 1.79 0.00	28.53 1.56 0.00	26.64 1.32 0.00	24.46 1.16 0.00	23.66 1.11 0.00	25.67 1.27 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.46 2.33 0.00	31.11 2.62 0.00	31.80 2.57 0.00	35.53 2.87 0.00	38.06 3.01 0.00	40.56 3.35 0.00	43.23 3.46 0.00	45.15 3.34 0.00	52.63 4.57 0.00	59.97 5.10 0.00	52.93 4.33 0.00	45.24 3.35 0.00	43.56 3.26 0.00	38.90 2.78 0.00	34.19 2.56 0.00	31.08 2.22 0.00
HUDSON___115KV_TB 4 355613	29.08 1.17 0.00	28.07 1.11 0.00	26.23 0.91 0.00	24.16 0.86 0.00	23.39 0.83 0.00	25.26 0.85 0.00	27.90 1.02 0.00	28.24 1.09 0.00	29.17 1.04 0.00	29.37 0.88 0.00	30.07 0.85 0.00	33.63 0.98 0.00	36.06 1.02 0.00	38.43 1.23 0.00	41.24 1.47 0.00	43.35 1.55 0.00	50.13 2.07 0.00	57.50 2.63 0.00	51.22 2.62 0.00	44.15 2.26 0.00	42.51 2.22 0.00	38.10 1.99 0.00	33.37 1.74 0.00	30.50 1.64 0.00
HUNTER MOUNT___DRP 323613	29.19 1.28 0.00	28.17 1.21 0.00	26.33 1.01 0.00	24.25 0.96 0.00	23.48 0.92 0.00	25.33 0.93 0.00	27.98 1.10 0.00	28.27 1.11 0.00	29.14 1.01 0.00	29.32 0.83 0.00	29.99 0.76 0.00	33.57 0.91 0.00	35.99 0.95 0.00	38.40 1.19 0.00	41.24 1.47 0.00	43.35 1.55 0.00	50.13 2.07 0.00	57.61 2.74 0.00	51.37 2.77 0.00	44.32 2.43 0.00	42.71 2.42 0.00	38.28 2.17 0.00	33.50 1.87 0.00	30.62 1.76 0.00
HUNTINGTON_RES_REC 323705	35.54 2.15 -5.49	30.01 1.97 -1.08	27.13 1.70 -0.11	25.04 1.26 -0.49	23.93 1.38 0.00	26.17 1.64 -0.13	28.73 1.85 0.00	29.41 2.25 0.00	33.11 2.56 -2.42	35.45 2.48 -4.49	34.54 2.75 -2.57	36.53 3.10 -0.77	38.30 3.26 0.00	44.43 3.65 -3.58	45.04 3.98 -1.29	49.96 3.97 -4.18	59.29 5.05 -6.19	64.65 5.81 -3.97	54.45 4.96 -0.89	45.78 3.85 -0.04	43.68 3.38 0.00	39.22 3.11 0.00	34.65 2.88 -0.14	33.91 2.54 -2.51
HUNTLEY___63 23557	27.48 -0.42 0.00	26.29 -0.67 0.00	24.13 -1.19 0.00	22.02 -1.28 0.00	21.47 -1.08 0.00	23.45 -0.95 0.00	25.37 -1.51 0.00	26.07 -1.09 0.00	27.57 -0.56 0.00	27.29 -1.20 0.00	28.76 -0.47 0.00	31.93 -0.72 0.00	35.15 0.11 0.00	35.64 -1.56 0.00	38.02 -1.75 0.00	40.56 -1.25 -0.01	47.68 -0.38 -0.01	53.88 -0.99 0.00	47.43 -1.17 0.00	38.96 -2.39 0.53	38.15 -2.10 0.04	34.63 -1.48 0.01	30.55 -1.08 0.00	27.93 -0.92 0.00
HUNTLEY___64 23558	27.48 -0.42 0.00	26.29 -0.67 0.00	24.13 -1.19 0.00	22.02 -1.28 0.00	21.47 -1.08 0.00	23.45 -0.95 0.00	25.37 -1.51 0.00	26.07 -1.09 0.00	27.57 -0.56 0.00	27.29 -1.20 0.00	28.76 -0.47 0.00	31.93 -0.72 0.00	35.15 0.11 0.00	35.64 -1.56 0.00	38.02 -1.75 0.00	40.56 -1.25 -0.01	47.68 -0.38 -0.01	53.88 -0.99 0.00	47.43 -1.17 0.00	38.96 -2.39 0.53	38.15 -2.10 0.04	34.63 -1.48 0.01	30.55 -1.08 0.00	27.93 -0.92 0.00
HUNTLEY___65 23559	27.48 -0.42 0.00	26.29 -0.67 0.00	24.13 -1.19 0.00	22.02 -1.28 0.00	21.47 -1.08 0.00	23.45 -0.95 0.00	25.37 -1.51 0.00	26.07 -1.09 0.00	27.57 -0.56 0.00	27.29 -1.20 0.00	28.76 -0.47 0.00	31.93 -0.72 0.00	35.15 0.11 0.00	35.64 -1.56 0.00	38.02 -1.75 0.00	40.56 -1.25 -0.01	47.68 -0.38 -0.01	53.88 -0.99 0.00	47.43 -1.17 0.00	38.96 -2.39 0.53	38.15 -2.10 0.04	34.63 -1.48 0.01	30.55 -1.08 0.00	27.93 -0.92 0.00
HUNTLEY___66 23560	27.48 -0.42 0.00	26.29 -0.67 0.00	24.13 -1.19 0.00	22.02 -1.28 0.00	21.47 -1.08 0.00	23.45 -0.95 0.00	25.37 -1.51 0.00	26.07 -1.09 0.00	27.57 -0.56 0.00	27.29 -1.20 0.00	28.76 -0.47 0.00	31.93 -0.72 0.00	35.15 0.11 0.00	35.64 -1.56 0.00	38.02 -1.75 0.00	40.56 -1.25 -0.01	47.68 -0.38 -0.01	53.88 -0.99 0.00	47.43 -1.17 0.00	38.96 -2.39 0.53	38.15 -2.10 0.04	34.63 -1.48 0.01	30.55 -1.08 0.00	27.93 -0.92 0.00

HUNTLEY___67 23561	27.26 -0.64 0.00	26.10 -0.86 0.00	23.95 -1.37 0.00	21.88 -1.42 0.00	21.32 -1.24 0.00	23.28 -1.12 0.00	25.21 -1.67 0.00	25.85 -1.30 0.00	27.34 -0.79 0.00	27.07 -1.42 0.00	28.50 -0.73 0.00	31.64 -1.01 0.00	34.80 -0.25 0.00	35.24 -1.97 0.00	37.63 -2.15 0.00	40.15 -1.67 -0.01	47.21 -0.87 -0.01	53.33 -1.54 0.00	46.95 -1.65 0.00	38.59 -2.76 0.53	37.79 -2.46 0.04	34.34 -1.77 0.01	30.33 -1.30 0.00	27.73 -1.13 0.00
HUNTLEY___68 23562	27.26 -0.64 0.00	26.10 -0.86 0.00	23.95 -1.37 0.00	21.88 -1.42 0.00	21.32 -1.24 0.00	23.28 -1.12 0.00	25.21 -1.67 0.00	25.85 -1.30 0.00	27.34 -0.79 0.00	27.07 -1.42 0.00	28.50 -0.73 0.00	31.64 -1.01 0.00	34.80 -0.25 0.00	35.24 -1.97 0.00	37.63 -2.15 0.00	40.15 -1.67 -0.01	47.21 -0.87 -0.01	53.33 -1.54 0.00	46.95 -1.65 0.00	38.59 -2.76 0.53	37.79 -2.46 0.04	34.34 -1.77 0.01	30.33 -1.30 0.00	27.73 -1.13 0.00
HYLAND___LFGE 323620	28.96 1.06 0.00	27.64 0.67 0.00	25.50 0.18 0.00	23.55 0.26 0.00	22.53 -0.02 0.00	24.72 0.32 0.00	27.09 0.21 0.00	27.48 0.33 0.00	28.10 -0.03 0.00	29.00 0.51 0.00	29.14 -0.09 0.00	32.23 -0.43 0.00	35.15 0.11 0.00	36.57 -0.63 0.00	38.77 -0.99 0.00	41.35 -0.46 0.00	48.54 0.48 0.00	55.74 0.88 0.00	50.11 1.51 0.00	42.20 0.79 0.48	41.46 1.21 0.04	37.30 1.19 0.01	32.61 0.98 0.00	29.61 0.75 0.00
INDECK___CORINTH 23802	30.36 2.46 0.00	29.25 2.29 0.00	27.19 1.87 0.00	24.95 1.65 0.00	24.11 1.56 0.00	26.21 1.81 0.00	29.22 2.34 0.00	29.52 2.36 0.00	30.55 2.42 0.00	30.71 2.22 0.00	31.30 2.08 0.00	35.03 2.38 0.00	37.43 2.38 0.00	39.74 2.53 0.00	42.67 2.90 0.00	45.11 3.30 0.00	52.14 4.08 0.00	59.91 5.04 0.00	53.85 5.25 0.00	46.32 4.44 0.00	44.80 4.51 0.00	40.05 3.94 0.00	34.82 3.19 0.00	31.83 2.97 0.00
INDECK___ILION 23567	28.13 0.22 0.00	27.15 0.19 0.00	25.45 0.13 0.00	23.39 0.09 0.00	22.65 0.09 0.00	24.50 0.10 0.00	27.01 0.13 0.00	27.35 0.19 0.00	28.33 0.20 0.00	28.66 0.17 0.00	29.40 0.18 0.00	32.85 0.20 0.00	35.25 0.21 0.00	37.47 0.26 0.00	40.01 0.24 0.00	42.06 0.25 0.00	48.41 0.38 0.03	55.42 0.55 0.00	49.04 0.44 0.00	42.18 0.29 0.00	40.53 0.24 0.00	36.33 0.22 0.00	31.79 0.16 0.00	29.00 0.14 0.00
INDECK___OLEAN 23982	27.85 -0.06 0.00	26.58 -0.38 0.00	24.49 -0.83 0.00	22.67 -0.63 0.00	21.72 -0.83 0.00	23.86 -0.54 0.00	26.13 -0.75 0.00	26.94 -0.22 0.00	27.96 -0.17 0.00	29.23 0.74 0.00	29.43 0.21 0.00	32.62 -0.03 0.00	35.67 0.63 0.00	37.06 -0.15 0.00	38.86 -0.91 0.00	41.39 -0.42 -0.01	48.93 0.87 -0.01	55.25 0.39 0.00	48.70 0.10 0.00	38.57 -2.26 0.47	38.00 -2.04 0.04	35.10 -1.01 0.01	30.90 -0.73 0.00	28.28 -0.58 0.00
INDECK___OSWEGO 23783	27.46 -0.45 0.00	26.45 -0.51 0.00	24.71 -0.61 0.00	22.78 -0.51 0.00	22.04 -0.52 0.00	23.84 -0.56 0.00	26.29 -0.59 0.00	26.56 -0.60 0.00	27.48 -0.65 0.00	27.95 -0.54 0.00	28.61 -0.62 0.00	31.93 -0.72 0.00	34.34 -0.70 0.00	36.43 -0.78 -0.01	38.87 -0.91 -0.01	40.97 -0.84 0.00	47.22 -0.77 0.07	53.99 -0.88 0.00	47.77 -0.83 0.00	41.78 -0.88 -0.77	39.51 -0.85 -0.06	35.37 -0.76 -0.01	30.96 -0.67 0.00	28.22 -0.64 0.00
INDECK___YERKES 23781	27.54 -0.36 0.00	26.31 -0.65 0.00	24.21 -1.11 0.00	22.53 -0.77 0.00	21.50 -1.06 0.00	23.55 -0.85 0.00	25.64 -1.24 0.00	26.43 -0.73 0.00	27.62 -0.51 0.00	29.00 0.51 0.00	28.96 -0.26 0.00	31.96 -0.69 0.00	35.22 0.18 0.00	36.46 -0.74 0.00	38.06 -1.71 0.00	40.60 -1.21 -0.01	47.78 -0.29 -0.01	53.99 -0.88 0.00	47.53 -1.07 0.00	38.97 -2.39 0.53	38.19 -2.05 0.04	34.66 -1.45 0.01	30.59 -1.04 0.00	27.96 -0.89 0.00
INDIAN POINT_GT_1 24139	29.47 1.56 0.00	28.34 1.38 0.00	26.51 1.19 0.00	24.35 1.05 0.00	23.55 0.99 0.00	25.50 1.10 0.00	28.28 1.40 0.00	28.98 1.82 0.00	30.07 1.94 0.00	30.63 2.14 0.00	31.36 2.13 0.00	35.04 2.38 0.00	37.50 2.45 0.00	40.00 2.79 0.00	42.71 2.94 0.00	44.69 2.88 0.00	51.91 3.84 0.00	59.20 4.33 0.00	52.29 3.69 0.00	44.74 2.85 0.00	43.03 2.74 0.00	38.46 2.35 0.00	33.78 2.15 0.00	30.76 1.90 0.00
INDIAN POINT_GT_2 23659	29.47 1.56 0.00	28.34 1.38 0.00	26.51 1.19 0.00	24.35 1.05 0.00	23.55 0.99 0.00	25.50 1.10 0.00	28.28 1.40 0.00	28.98 1.82 0.00	30.07 1.94 0.00	30.63 2.14 0.00	31.36 2.13 0.00	35.04 2.38 0.00	37.50 2.45 0.00	40.00 2.79 0.00	42.71 2.94 0.00	44.69 2.88 0.00	51.91 3.84 0.00	59.20 4.33 0.00	52.29 3.69 0.00	44.74 2.85 0.00	43.03 2.74 0.00	38.46 2.35 0.00	33.78 2.15 0.00	30.76 1.90 0.00
INDIAN POINT_GT_3 24019	29.47 1.56 0.00	28.34 1.38 0.00	26.51 1.19 0.00	24.35 1.05 0.00	23.55 0.99 0.00	25.50 1.10 0.00	28.28 1.40 0.00	28.98 1.82 0.00	30.07 1.94 0.00	30.63 2.14 0.00	31.36 2.13 0.00	35.04 2.38 0.00	37.50 2.45 0.00	40.00 2.79 0.00	42.71 2.94 0.00	44.69 2.88 0.00	51.91 3.84 0.00	59.20 4.33 0.00	52.29 3.69 0.00	44.74 2.85 0.00	43.03 2.74 0.00	38.46 2.35 0.00	33.78 2.15 0.00	30.76 1.90 0.00
INDIAN POINT___2 23530	29.41 1.51 0.00	28.31 1.35 0.00	26.46 1.14 0.00	24.23 0.93 0.00	23.50 0.95 0.00	25.47 1.07 0.00	28.28 1.40 0.00	28.87 1.71 0.00	30.01 1.88 0.00	30.31 1.82 0.00	31.30 2.08 0.00	34.97 2.32 0.00	37.43 2.38 0.00	39.81 2.60 0.00	42.60 2.82 0.00	44.61 2.80 0.00	51.81 3.75 0.00	59.09 4.23 0.00	52.15 3.55 0.00	44.65 2.76 0.00	42.91 2.62 0.00	38.39 2.28 0.00	33.72 2.09 0.00	30.71 1.85 0.00
INDIAN POINT___3 23531	29.41 1.51 0.00	28.31 1.35 0.00	26.46 1.14 0.00	24.30 1.00 0.00	23.53 0.97 0.00	25.48 1.07 0.00	28.25 1.37 0.00	28.92 1.77 0.00	30.01 1.88 0.00	30.57 2.08 0.00	31.30 2.08 0.00	34.94 2.29 0.00	37.43 2.38 0.00	39.89 2.68 0.00	42.60 2.82 0.00	44.61 2.80 0.00	51.76 3.70 0.00	59.04 4.17 0.00	52.15 3.55 0.00	44.61 2.72 0.00	42.91 2.62 0.00	38.39 2.28 0.00	33.72 2.09 0.00	30.70 1.85 0.00
INGHAM_C_115KV_TB7 356103	28.02 0.11 0.00	27.02 0.05 0.00	25.32 0.00 0.00	23.27 -0.02 0.00	22.53 -0.02 0.00	24.38 -0.02 0.00	26.88 0.00 0.00	27.21 0.05 0.00	28.19 0.06 0.00	28.52 0.03 0.00	29.26 0.03 0.00	32.68 0.03 0.00	35.08 0.04 0.00	37.28 0.07 0.00	39.81 0.04 0.00	41.76 -0.04 0.00	48.08 0.05 0.03	54.98 0.11 0.00	48.70 0.10 0.00	41.80 -0.08 0.00	40.17 -0.12 0.00	36.04 -0.07 0.00	31.50 -0.13 0.00	28.74 -0.12 0.00
IP CORINTH___1 23988	30.36 2.46 0.00	29.23 2.26 0.00	27.19 1.87 0.00	24.97 1.68 0.00	24.11 1.56 0.00	26.21 1.81 0.00	29.16 2.28 0.00	29.52 2.36 0.00	30.55 2.42 0.00	30.77 2.28 0.00	31.30 2.08 0.00	35.04 2.38 0.00	37.43 2.38 0.00	39.77 2.57 0.00	42.67 2.90 0.00	45.11 3.30 0.00	52.15 4.09 0.00	59.91 5.05 0.00	53.85 5.25 0.00	46.29 4.40 0.00	44.80 4.51 0.00	40.05 3.94 0.00	34.82 3.19 0.00	31.83 2.97 0.00

IP___TICONDEROGA 23804	31.95 4.05 0.00	30.71 3.75 0.00	28.46 3.14 0.00	26.09 2.80 0.00	25.17 2.62 0.00	27.43 3.03 0.00	30.70 3.82 0.00	31.01 3.86 0.00	32.07 3.94 0.00	32.19 3.70 0.00	32.82 3.59 0.00	36.77 4.11 0.00	39.25 4.21 0.00	41.78 4.58 0.00	44.90 5.13 0.00	47.58 5.77 0.00	55.17 7.11 0.00	63.65 8.78 0.00	57.25 8.65 0.00	49.09 7.20 0.00	47.59 7.29 0.00	42.44 6.32 0.00	36.79 5.16 0.00	33.65 4.79 0.00
ISLIP_RES_REC 323679	36.07 2.68 -5.49	30.50 2.45 -1.08	27.63 2.20 -0.11	25.47 1.68 -0.49	24.36 1.81 0.00	26.65 2.12 -0.13	29.22 2.34 0.00	29.90 2.74 0.00	33.59 3.04 -2.42	35.97 2.99 -4.49	35.13 3.33 -2.57	37.11 3.69 -0.77	38.93 3.89 0.00	45.15 4.35 -3.59	45.76 4.73 -1.26	50.74 4.81 -4.13	60.19 6.01 -6.13	65.69 6.91 -3.91	55.44 5.98 -0.86	46.55 4.65 -0.01	44.40 4.11 0.00	39.91 3.79 -0.01	35.31 3.54 -0.14	34.46 3.09 -2.51
JAMAICA__27_KV_LOAD 355505	29.88 1.98 0.00	28.69 1.73 0.00	26.79 1.47 0.00	24.58 1.28 0.00	23.77 1.22 0.00	25.82 1.42 0.00	28.73 1.85 0.00	29.55 2.39 0.00	30.74 2.62 0.00	31.42 2.93 0.00	32.03 2.81 0.00	35.82 3.17 0.00	38.34 3.29 0.00	40.85 3.65 0.00	43.59 3.82 0.00	45.57 3.76 0.00	53.20 5.14 0.00	60.63 5.76 0.00	53.51 4.91 0.00	45.70 3.81 0.00	44.04 3.75 0.00	39.22 3.11 0.00	34.44 2.82 0.00	31.28 2.42 0.00
JANIS___SOLAR 323808	29.61 1.70 0.00	28.42 1.45 0.00	26.49 1.17 0.00	24.30 1.00 0.00	23.48 0.93 0.00	25.50 1.10 0.00	28.22 1.34 0.00	28.68 1.52 0.00	29.45 1.32 0.00	29.91 1.42 0.00	30.42 1.20 0.00	33.89 1.24 0.00	36.55 1.51 0.00	38.77 1.56 0.00	41.28 1.51 0.00	43.77 1.97 0.00	50.94 2.88 0.00	58.49 3.62 0.00	51.81 3.21 0.00	44.01 2.26 0.14	42.54 2.26 0.01	38.06 1.95 0.00	33.18 1.55 0.00	30.16 1.30 0.00
JARVIS____ 23743	28.10 0.20 0.00	27.12 0.16 0.00	25.42 0.10 0.00	23.39 0.09 0.00	22.67 0.11 0.00	24.50 0.10 0.00	27.04 0.16 0.00	27.35 0.19 0.00	28.33 0.20 0.00	28.66 0.17 0.00	29.43 0.21 0.00	32.88 0.23 0.00	35.25 0.21 0.00	37.43 0.22 0.00	40.05 0.28 0.00	42.06 0.25 0.00	48.41 0.38 0.03	55.36 0.49 0.00	49.04 0.44 0.00	42.18 0.30 0.00	40.58 0.28 0.00	36.40 0.29 0.00	31.88 0.25 0.00	29.06 0.20 0.00
JENNISON___1 23625	29.66 1.76 0.00	28.47 1.51 0.00	26.54 1.22 0.00	24.30 1.00 0.00	23.57 1.02 0.00	25.55 1.15 0.00	28.22 1.34 0.00	28.76 1.60 0.00	29.70 1.58 0.00	30.00 1.51 0.00	30.78 1.55 0.00	34.35 1.70 0.00	37.04 2.00 0.00	39.25 2.05 0.00	41.84 2.07 0.00	44.23 2.42 0.00	51.43 3.36 0.00	58.98 4.11 0.00	52.24 3.64 0.00	44.36 2.60 0.12	42.78 2.50 0.01	38.35 2.24 0.00	33.40 1.77 0.00	30.42 1.56 0.00
JENNISON___2 23626	29.66 1.76 0.00	28.47 1.51 0.00	26.54 1.22 0.00	24.30 1.00 0.00	23.57 1.02 0.00	25.55 1.15 0.00	28.22 1.34 0.00	28.76 1.60 0.00	29.70 1.58 0.00	30.00 1.51 0.00	30.78 1.55 0.00	34.35 1.70 0.00	37.04 2.00 0.00	39.25 2.05 0.00	41.84 2.07 0.00	44.23 2.42 0.00	51.43 3.36 0.00	58.98 4.11 0.00	52.24 3.64 0.00	44.36 2.60 0.12	42.78 2.50 0.01	38.35 2.24 0.00	33.40 1.77 0.00	30.42 1.56 0.00
JERICHO_RISE_WT_PWR 323719	27.46 -0.45 0.00	26.67 -0.30 0.00	25.30 -0.03 0.00	23.25 -0.05 0.00	22.49 -0.07 0.00	24.33 -0.07 0.00	26.80 -0.08 0.00	26.97 -0.19 0.00	27.96 -0.17 0.00	28.49 0.00 0.00	29.14 -0.09 0.00	32.59 -0.07 0.00	34.97 -0.07 0.00	37.28 0.07 0.00	39.89 0.12 0.00	41.89 0.08 0.00	47.55 -0.29 0.22	54.49 -0.38 0.00	48.26 -0.34 0.00	41.80 -0.08 0.00	40.13 -0.16 0.00	35.83 -0.29 0.00	31.16 -0.47 0.00	28.51 -0.35 0.00
KATONAH___115KV_46KV_TB4 355592	29.72 1.81 0.00	28.58 1.62 0.00	26.71 1.39 0.00	24.51 1.21 0.00	23.73 1.17 0.00	25.67 1.27 0.00	28.46 1.59 0.00	29.17 2.01 0.00	30.32 2.19 0.00	30.85 2.36 0.00	31.62 2.40 0.00	35.33 2.68 0.00	37.92 2.87 0.00	40.44 3.24 0.00	43.23 3.46 0.00	45.28 3.47 0.00	52.53 4.47 0.00	59.97 5.10 0.00	52.93 4.33 0.00	45.20 3.31 0.00	43.48 3.18 0.00	38.86 2.74 0.00	34.03 2.40 0.00	30.99 2.14 0.00
KCE_NY_1 323755	30.00 2.09 0.00	28.93 1.97 0.00	26.94 1.62 0.00	24.74 1.44 0.00	23.93 1.38 0.00	25.96 1.56 0.00	28.84 1.96 0.00	29.17 2.01 0.00	30.16 2.03 0.00	30.34 1.85 0.00	31.07 1.84 0.00	34.77 2.12 0.00	37.18 2.14 0.00	39.55 2.35 0.00	42.44 2.67 0.00	44.73 2.93 0.00	51.67 3.61 0.00	59.26 4.39 0.00	52.88 4.28 0.00	45.49 3.60 0.00	43.92 3.63 0.00	39.29 3.18 0.00	34.29 2.66 0.00	31.34 2.48 0.00
KCE_NY_6_ESR 323823	27.74 -0.17 0.00	26.48 -0.48 0.00	24.36 -0.96 0.00	22.65 -0.65 0.00	21.63 -0.93 0.00	23.69 -0.71 0.00	25.83 -1.05 0.00	26.64 -0.52 0.00	27.79 -0.34 0.00	29.17 0.68 0.00	29.20 -0.03 0.00	32.26 -0.39 0.00	35.50 0.45 0.00	36.76 -0.44 0.00	38.42 -1.35 0.00	40.98 -0.84 -0.01	48.21 0.14 -0.01	54.49 -0.38 0.00	48.02 -0.58 0.00	39.03 -2.34 0.52	38.28 -1.97 0.04	34.92 -1.19 0.01	30.78 -0.85 0.00	28.16 -0.69 0.00
KEDC_PORT_JEFF_GT2 24210	35.82 2.43 -5.49	30.28 2.24 -1.08	27.41 1.98 -0.11	25.28 1.49 -0.49	24.18 1.63 0.00	26.46 1.93 -0.13	29.00 2.12 0.00	29.68 2.53 0.00	33.34 2.79 -2.42	35.68 2.71 -4.49	34.78 2.98 -2.57	36.66 3.23 -0.77	38.44 3.40 0.00	44.55 3.76 -3.58	45.13 4.10 -1.26	49.65 3.89 -3.96	58.75 4.95 -5.74	64.24 5.71 -3.66	54.37 4.91 -0.87	45.92 4.02 -0.01	43.84 3.55 0.00	39.48 3.36 0.00	35.00 3.23 -0.14	34.23 2.86 -2.51
KEDC_PORT_JEFF_GT3 24211	35.82 2.43 -5.49	30.28 2.24 -1.08	27.41 1.98 -0.11	25.28 1.49 -0.49	24.18 1.63 0.00	26.46 1.93 -0.13	29.00 2.12 0.00	29.68 2.53 0.00	33.34 2.79 -2.42	35.68 2.71 -4.49	34.78 2.98 -2.57	36.66 3.23 -0.77	38.44 3.40 0.00	44.55 3.76 -3.58	45.13 4.10 -1.26	49.65 3.89 -3.96	58.75 4.95 -5.74	64.24 5.71 -3.66	54.37 4.91 -0.87	45.92 4.02 -0.01	43.84 3.55 0.00	39.48 3.36 0.00	35.00 3.23 -0.14	34.23 2.86 -2.51
KEDC_GLWD_GT4 24219	35.65 2.26 -5.49	30.12 2.08 -1.08	27.23 1.80 -0.11	25.19 1.40 -0.49	24.02 1.47 0.00	26.21 1.68 -0.13	28.87 1.99 0.00	29.55 2.39 0.00	33.28 2.73 -2.42	35.65 2.68 -4.49	34.84 3.04 -2.57	36.92 3.50 -0.77	38.72 3.68 0.00	44.80 3.80 -3.80	45.12 4.10 -1.25	73.78 4.14 -27.83	111.30 5.29 -57.95	97.70 5.98 -36.85	54.55 5.10 -0.85	45.78 3.90 0.00	43.80 3.50 0.00	39.48 3.36 0.00	34.84 3.07 -0.14	34.08 2.71 -2.51
KEDC_GLWD_GT5 24220	35.65 2.26 -5.49	30.12 2.08 -1.08	27.23 1.80 -0.11	25.19 1.40 -0.49	24.02 1.47 0.00	26.21 1.68 -0.13	28.87 1.99 0.00	29.55 2.39 0.00	33.28 2.73 -2.42	35.65 2.68 -4.49	34.84 3.04 -2.57	36.92 3.50 -0.77	38.72 3.68 0.00	44.80 3.80 -3.80	45.12 4.10 -1.25	73.78 4.14 -27.83	111.30 5.29 -57.95	97.70 5.98 -36.85	54.55 5.10 -0.85	45.78 3.90 0.00	43.80 3.50 0.00	39.48 3.36 0.00	34.84 3.07 -0.14	34.08 2.71 -2.51

KENSICO____ 23655	29.55 1.65 0.00	28.42 1.46 0.00	26.59 1.27 0.00	24.42 1.12 0.00	23.62 1.06 0.00	25.57 1.17 0.00	28.38 1.51 0.00	29.09 1.93 0.00	30.18 2.05 0.00	30.77 2.28 0.00	31.51 2.28 0.00	35.17 2.51 0.00	37.67 2.63 0.00	40.15 2.94 0.00	42.83 3.06 0.00	44.86 3.05 0.00	52.10 4.04 0.00	59.42 4.55 0.00	52.44 3.84 0.00	44.86 0.00 0.00	43.15 2.86 0.00	38.61 2.49 0.00	33.91 2.28 0.00	30.88 2.02 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.66 1.76 0.00	28.50 1.54 0.00	26.66 1.34 0.00	24.44 1.14 0.00	23.66 1.11 0.00	25.60 1.20 0.00	28.33 1.45 0.00	28.95 1.79 0.00	30.04 1.91 0.00	30.60 2.11 0.00	31.36 2.13 0.00	35.04 2.38 0.00	37.64 2.59 0.00	40.15 2.94 0.00	42.95 3.18 0.00	44.98 3.18 0.00	52.29 4.23 0.00	59.69 4.83 0.00	52.78 4.18 0.00	45.15 3.27 0.00	43.39 3.10 0.00	38.79 2.67 0.00	33.88 2.25 0.00	30.88 2.02 0.00
KIAC_JFK_GT1 23816	29.72 1.81 0.00	28.53 1.56 0.00	26.64 1.32 0.00	24.46 1.16 0.00	23.66 1.11 0.00	25.67 1.27 0.00	28.57 1.69 0.00	29.36 2.20 0.00	30.58 2.45 0.00	31.25 2.76 0.00	31.77 2.54 0.00	35.49 2.84 0.00	37.99 2.94 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.15 3.34 0.00	52.67 4.61 0.00	60.02 5.16 0.00	52.97 4.37 0.00	45.28 3.39 0.00	43.60 3.30 0.00	38.86 2.74 0.00	34.13 2.50 0.00	31.02 2.16 0.00
KIAC_JFK_GT2 23817	29.72 1.81 0.00	28.53 1.56 0.00	26.64 1.32 0.00	24.46 1.16 0.00	23.66 1.11 0.00	25.67 1.27 0.00	28.57 1.69 0.00	29.36 2.20 0.00	30.58 2.45 0.00	31.25 2.76 0.00	31.77 2.54 0.00	35.49 2.84 0.00	37.99 2.94 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.15 3.34 0.00	52.67 4.61 0.00	60.02 5.16 0.00	52.97 4.37 0.00	45.28 3.39 0.00	43.60 3.30 0.00	38.86 2.74 0.00	34.13 2.50 0.00	31.02 2.16 0.00
KIAC_JFK____ 323774	29.72 1.81 0.00	28.55 1.59 0.00	26.66 1.34 0.00	24.37 1.07 0.00	23.66 1.11 0.00	25.67 1.27 0.00	28.60 1.72 0.00	29.30 2.14 0.00	30.57 2.45 0.00	30.83 2.34 0.00	31.74 2.51 0.00	35.49 2.84 0.00	37.99 2.94 0.00	40.37 3.16 0.00	43.19 3.42 0.00	45.15 3.35 0.00	52.68 4.61 0.00	60.02 5.16 0.00	52.98 4.38 0.00	45.28 3.39 0.00	43.60 3.30 0.00	38.86 2.74 0.00	34.13 2.50 0.00	31.02 2.17 0.00
KINTIGH____ 23543	27.09 -0.81 0.00	25.99 -0.97 0.00	23.93 -1.39 0.00	21.88 -1.42 0.00	21.29 -1.26 0.00	23.23 -1.17 0.00	25.24 -1.64 0.00	25.83 -1.33 0.00	27.23 -0.90 0.00	27.04 -1.45 0.00	28.32 -0.91 0.00	31.44 -1.21 0.00	34.45 -0.60 0.00	35.19 -2.01 0.01	37.58 -2.19 0.01	40.05 -1.76 0.00	46.86 -1.20 0.00	53.11 -1.76 0.00	46.80 -1.80 0.00	39.09 -2.22 0.58	38.19 -2.05 0.05	34.37 -1.73 0.01	30.30 -1.33 0.00	27.65 -1.21 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.15 0.25 0.00	27.37 0.40 0.00	25.90 0.58 0.00	23.86 0.56 0.00	23.03 0.47 0.00	24.91 0.51 0.00	27.60 0.73 0.00	27.75 0.60 0.00	28.72 0.59 0.00	29.29 0.80 0.00	29.90 0.67 0.00	33.44 0.78 0.00	35.92 0.88 0.00	38.32 1.12 0.00	41.00 1.23 0.00	43.10 1.30 0.00	49.22 1.30 0.14	56.24 1.37 0.00	49.86 1.26 0.00	43.02 1.13 0.00	41.30 1.01 0.00	36.80 0.69 0.00	31.91 0.28 0.00	29.29 0.43 0.00
LACHUTE__HYDRO 323717	31.98 4.07 0.00	30.71 3.75 0.00	28.49 3.16 0.00	26.09 2.79 0.00	25.17 2.62 0.00	27.45 3.05 0.00	30.75 3.87 0.00	31.01 3.85 0.00	32.07 3.94 0.00	32.19 3.70 0.00	32.79 3.56 0.00	36.77 4.11 0.00	39.25 4.20 0.00	41.78 4.58 0.00	44.90 5.13 0.00	47.58 5.77 0.00	55.17 7.11 0.00	63.59 8.72 0.00	57.25 8.65 0.00	49.13 7.25 0.00	47.59 7.30 0.00	42.43 6.32 0.00	36.79 5.16 0.00	33.65 4.79 0.00
LAWRNCV_115KV_TB1 80681	26.98 -0.92 0.00	26.23 -0.73 0.00	24.84 -0.48 0.00	22.88 -0.42 0.00	22.13 -0.43 0.00	23.91 -0.49 0.00	26.37 -0.51 0.00	26.40 -0.76 0.00	27.26 -0.87 0.00	27.72 -0.77 0.00	28.26 -0.96 0.00	31.48 -1.18 0.00	33.64 -1.40 0.00	35.90 -1.30 0.00	38.38 -1.39 0.00	40.30 -1.51 0.00	43.77 -2.69 1.59	51.79 -3.07 0.00	46.02 -2.58 0.00	40.55 -1.34 0.00	38.96 -1.33 0.00	34.92 -1.19 0.00	30.43 -1.20 0.00	28.02 -0.84 0.00
LEDERLE____ 23769	29.49 1.59 0.00	28.39 1.43 0.00	26.54 1.22 0.00	24.37 1.07 0.00	23.57 1.02 0.00	25.55 1.15 0.00	28.33 1.45 0.00	29.00 1.85 0.00	30.10 1.97 0.00	30.65 2.17 0.00	31.39 2.16 0.00	35.07 2.42 0.00	37.57 2.52 0.00	40.03 2.83 0.00	42.79 3.02 0.00	44.82 3.01 0.00	52.05 3.99 0.00	59.37 4.50 0.00	52.39 3.79 0.00	44.82 2.93 0.00	43.07 2.78 0.00	38.50 2.38 0.00	33.81 2.18 0.00	30.79 1.93 0.00
LIGHTHSE_115KV_TB6 355974	27.57 -0.33 0.00	26.53 -0.43 0.00	24.81 -0.51 0.00	22.78 -0.51 0.00	22.08 -0.47 0.00	23.87 -0.54 0.00	26.31 -0.56 0.00	26.61 -0.54 0.00	27.59 -0.53 0.00	27.92 -0.57 0.00	28.67 -0.56 0.00	32.00 -0.65 0.00	34.41 -0.63 0.00	36.47 -0.74 0.00	38.86 -0.91 0.00	41.05 -0.75 0.00	47.28 -0.62 0.16	54.26 -0.60 0.00	48.11 -0.49 0.00	41.55 -0.54 -0.21	39.87 -0.44 -0.02	35.65 -0.47 0.00	31.12 -0.51 0.00	28.40 -0.46 0.00
LINDEN COGEN____ 23786	29.55 1.65 0.00	28.42 1.45 0.00	26.54 1.22 0.00	24.32 1.02 0.00	23.59 1.04 0.00	25.60 1.20 0.00	28.44 1.56 0.00	29.11 1.96 0.00	30.32 2.20 0.00	30.60 2.11 0.00	31.65 2.42 0.00	35.39 2.74 0.00	37.92 2.87 0.00	40.26 3.05 0.00	42.99 3.22 0.00	44.90 3.09 0.00	52.29 4.23 0.00	59.59 4.72 0.00	52.59 3.99 0.00	44.94 3.06 0.00	43.35 3.06 0.00	38.79 2.67 0.00	34.10 2.47 0.00	30.99 2.14 0.00
LINDHRST_69_KV_BK1 356055	35.99 2.60 -5.49	30.42 2.37 -1.08	27.51 2.08 -0.11	25.65 1.86 -0.49	24.27 1.71 0.00	26.53 2.00 -0.13	29.11 2.23 0.00	29.95 2.80 0.00	33.56 3.01 -2.42	36.17 3.19 -4.49	35.04 3.24 -2.57	36.98 3.56 -0.77	38.79 3.75 0.00	45.02 4.20 -3.61	45.44 4.41 -1.25	53.11 4.47 -6.84	65.75 5.62 -12.06	69.01 6.47 -7.67	55.04 5.59 -0.85	46.20 4.31 0.00	44.20 3.91 0.00	39.73 3.61 -0.01	35.15 3.38 -0.14	34.37 3.00 -2.51
LIPA_MISC_IPP 23656	35.76 2.37 -5.49	30.23 2.18 -1.08	27.38 1.95 -0.11	25.56 1.77 -0.49	24.16 1.60 0.00	26.46 1.93 -0.13	28.95 2.07 0.00	29.74 2.58 0.00	33.23 2.67 -2.42	35.83 2.85 -4.49	34.66 2.86 -2.57	36.59 3.17 -0.77	38.37 3.33 0.00	44.62 3.83 -3.58	45.13 4.10 -1.26	49.80 4.14 -3.85	58.87 5.29 -5.52	64.48 6.09 -3.52	54.76 5.30 -0.86	45.96 4.06 -0.01	43.88 3.59 0.00	39.41 3.29 0.00	34.90 3.13 -0.14	34.11 2.74 -2.51
LISF__SOLAR 323691	35.82 2.43 -5.49	30.28 2.24 -1.08	27.43 2.00 -0.11	25.28 1.49 -0.49	24.20 1.65 0.00	26.51 1.98 -0.13	29.03 2.15 0.00	29.65 2.50 0.00	33.25 2.70 -2.42	35.60 2.62 -4.49	34.69 2.89 -2.57	36.66 3.23 -0.77	38.44 3.40 0.00	44.62 3.83 -3.58	45.24 4.21 -1.26	49.96 4.27 -3.89	59.09 5.43 -5.60	64.74 6.31 -3.57	54.91 5.44 -0.86	46.09 4.19 -0.01	44.00 3.70 0.00	39.51 3.39 0.00	35.00 3.23 -0.14	34.20 2.83 -2.51

LITTLE FALLS___HYD 24013	28.02 0.11 0.00	27.02 0.05 0.00	25.32 0.00 0.00	23.27 -0.02 0.00	22.53 -0.02 0.00	24.38 -0.02 0.00	26.88 0.00 0.00	27.21 0.05 0.00	28.19 0.06 0.00	28.52 0.03 0.00	29.26 0.03 0.00	32.68 0.03 0.00	35.08 0.04 0.00	37.28 0.07 0.00	39.81 0.04 0.00	41.76 -0.04 0.00	48.08 0.05 0.03	54.98 0.11 0.00	48.70 0.10 0.00	41.80 -0.08 0.00	40.17 -0.12 0.00	36.04 -0.07 0.00	31.50 -0.13 0.00	28.74 -0.12 0.00
LITTLRIV_115KV_TB1 356100	27.26 -0.64 0.00	26.50 -0.46 0.00	25.09 -0.23 0.00	23.09 -0.21 0.00	22.33 -0.23 0.00	24.16 -0.24 0.00	26.64 -0.24 0.00	26.64 -0.52 0.00	27.48 -0.65 0.00	27.92 -0.57 0.00	28.44 -0.79 0.00	31.64 -1.01 0.00	33.85 -1.19 0.00	36.17 -1.04 0.00	38.66 -1.11 0.00	40.59 -1.21 0.00	44.18 -2.35 1.52	52.29 -2.58 0.00	46.56 -2.04 0.00	41.01 -0.88 0.00	39.45 -0.85 0.00	35.32 -0.79 0.00	30.71 -0.92 0.00	28.28 -0.58 0.00
LI_NEWBRDGE___DRP 323616	35.37 1.98 -5.49	29.82 1.78 -1.08	26.97 1.54 -0.11	25.16 1.37 -0.49	23.82 1.26 0.00	26.00 1.46 -0.13	28.60 1.72 0.00	29.38 2.23 0.00	32.97 2.42 -2.42	35.60 2.62 -4.49	34.40 2.60 -2.57	36.30 2.87 -0.77	38.06 3.01 0.00	44.11 3.35 -3.55	44.56 3.54 -1.25	46.63 3.51 -1.31	52.58 4.52 0.00	60.02 5.16 0.00	53.88 4.42 -0.85	45.28 3.39 0.00	43.35 3.06 0.00	38.90 2.78 0.00	34.43 2.66 -0.14	33.74 2.37 -2.51
LOCKPORT_115KV_TB60_63_64 80432	27.29 -0.61 0.00	26.10 -0.86 0.00	23.95 -1.37 0.00	21.88 -1.42 0.00	21.32 -1.24 0.00	23.28 -1.12 0.00	25.21 -1.67 0.00	25.88 -1.28 0.00	27.37 -0.76 0.00	27.07 -1.42 0.00	28.50 -0.73 0.00	31.64 -1.01 0.00	34.80 -0.25 0.00	35.27 -1.93 0.00	37.66 -2.11 0.00	40.18 -1.63 0.00	47.25 -0.82 0.00	53.44 -1.43 0.00	47.04 -1.56 0.00	38.79 -2.56 0.54	37.99 -2.26 0.04	34.45 -1.66 0.01	30.40 -1.23 0.00	27.79 -1.07 0.00
LOCKPORT___CC1 323769	27.29 -0.61 0.00	26.07 -0.89 0.00	24.00 -1.32 0.00	22.34 -0.96 0.00	21.32 -1.24 0.00	23.33 -1.07 0.00	25.43 -1.45 0.00	26.15 -1.00 0.00	27.34 -0.79 0.00	28.69 0.20 0.00	28.64 -0.58 0.00	31.57 -1.08 0.00	34.80 -0.24 0.00	35.98 -1.23 0.00	37.58 -2.19 0.00	40.14 -1.67 0.00	47.15 -0.91 0.00	53.33 -1.54 0.00	47.04 -1.56 0.00	38.71 -2.64 0.54	37.91 -2.34 0.04	34.37 -1.73 0.01	30.36 -1.27 0.00	27.73 -1.13 0.00
LOCKPORT___CC2 323770	27.29 -0.61 0.00	26.07 -0.89 0.00	24.00 -1.32 0.00	22.34 -0.96 0.00	21.32 -1.24 0.00	23.33 -1.07 0.00	25.43 -1.45 0.00	26.15 -1.00 0.00	27.34 -0.79 0.00	28.69 0.20 0.00	28.64 -0.58 0.00	31.57 -1.08 0.00	34.80 -0.24 0.00	35.98 -1.23 0.00	37.58 -2.19 0.00	40.14 -1.67 0.00	47.15 -0.91 0.00	53.33 -1.54 0.00	47.04 -1.56 0.00	38.71 -2.64 0.54	37.91 -2.34 0.04	34.37 -1.73 0.01	30.36 -1.27 0.00	27.73 -1.13 0.00
LOCKPORT___CC3 323771	27.29 -0.61 0.00	26.07 -0.89 0.00	24.00 -1.32 0.00	22.34 -0.96 0.00	21.32 -1.24 0.00	23.33 -1.07 0.00	25.43 -1.45 0.00	26.15 -1.00 0.00	27.34 -0.79 0.00	28.69 0.20 0.00	28.64 -0.58 0.00	31.57 -1.08 0.00	34.80 -0.24 0.00	35.98 -1.23 0.00	37.58 -2.19 0.00	40.14 -1.67 0.00	47.15 -0.91 0.00	53.33 -1.54 0.00	47.04 -1.56 0.00	38.71 -2.64 0.54	37.91 -2.34 0.04	34.37 -1.73 0.01	30.36 -1.27 0.00	27.73 -1.13 0.00
LONG_LAKE_PHOENIX 24014	27.62 -0.28 0.00	26.58 -0.38 0.00	24.84 -0.48 0.00	22.83 -0.47 0.00	22.13 -0.43 0.00	23.96 -0.44 0.00	26.39 -0.48 0.00	26.70 -0.46 0.00	27.65 -0.48 0.00	27.98 -0.51 0.00	28.79 -0.44 0.00	32.19 -0.46 0.00	34.62 -0.42 0.00	36.62 -0.60 -0.01	39.14 -0.64 -0.01	41.30 -0.50 0.00	47.63 -0.38 0.05	54.37 -0.49 0.00	48.11 -0.49 0.00	41.69 -0.63 -0.43	39.76 -0.56 -0.04	35.58 -0.54 -0.01	31.19 -0.44 0.00	28.40 -0.46 0.00
LOVETT___3 23632	29.35 1.45 0.00	28.26 1.29 0.00	26.41 1.09 0.00	24.25 0.96 0.00	23.48 0.92 0.00	25.45 1.05 0.00	28.20 1.32 0.00	28.90 1.74 0.00	29.96 1.83 0.00	30.51 2.02 0.00	31.24 2.02 0.00	34.87 2.22 0.00	37.32 2.28 0.00	39.77 2.57 0.00	42.48 2.70 0.00	44.48 2.68 0.00	51.67 3.60 0.00	58.93 4.06 0.00	52.05 3.45 0.00	44.53 2.64 0.00	42.79 2.50 0.00	38.28 2.17 0.00	33.65 2.02 0.00	30.65 1.79 0.00
LOVETT___4 23642	29.35 1.45 0.00	28.26 1.29 0.00	26.41 1.09 0.00	24.25 0.96 0.00	23.48 0.92 0.00	25.45 1.05 0.00	28.20 1.32 0.00	28.90 1.74 0.00	29.96 1.83 0.00	30.51 2.02 0.00	31.24 2.02 0.00	34.87 2.22 0.00	37.32 2.28 0.00	39.77 2.57 0.00	42.48 2.70 0.00	44.48 2.68 0.00	51.67 3.60 0.00	58.93 4.06 0.00	52.05 3.45 0.00	44.53 2.64 0.00	42.79 2.50 0.00	38.28 2.17 0.00	33.65 2.02 0.00	30.65 1.79 0.00
LOVETT___5 23593	29.35 1.45 0.00	28.26 1.29 0.00	26.41 1.09 0.00	24.25 0.96 0.00	23.48 0.92 0.00	25.45 1.05 0.00	28.20 1.32 0.00	28.90 1.74 0.00	29.96 1.83 0.00	30.51 2.02 0.00	31.24 2.02 0.00	34.87 2.22 0.00	37.32 2.28 0.00	39.77 2.57 0.00	42.48 2.70 0.00	44.48 2.68 0.00	51.67 3.60 0.00	58.93 4.06 0.00	52.05 3.45 0.00	44.53 2.64 0.00	42.79 2.50 0.00	38.28 2.17 0.00	33.65 2.02 0.00	30.65 1.79 0.00
LOWER RAQUET___HYD 24057	26.87 -1.03 0.00	26.10 -0.86 0.00	24.74 -0.58 0.00	22.72 -0.58 0.00	22.02 -0.54 0.00	23.82 -0.59 0.00	26.18 -0.70 0.00	26.29 -0.87 0.00	27.14 -0.99 0.00	27.52 -0.97 0.00	28.12 -1.11 0.00	31.31 -1.34 0.00	33.43 -1.61 0.00	35.68 -1.53 0.00	38.14 -1.63 0.00	40.09 -1.72 0.00	43.67 -2.93 1.46	51.58 -3.29 0.00	45.83 -2.77 0.00	40.38 -1.51 0.00	38.80 -1.49 0.00	34.78 -1.34 0.00	30.30 -1.33 0.00	27.93 -0.92 0.00
LOWER___HUDSON 24059	29.19 1.28 0.00	28.20 1.24 0.00	26.33 1.01 0.00	24.20 0.91 0.00	23.46 0.90 0.00	25.38 0.98 0.00	28.12 1.24 0.00	28.46 1.30 0.00	29.45 1.32 0.00	29.57 1.08 0.00	30.42 1.20 0.00	34.02 1.37 0.00	36.37 1.33 0.00	38.66 1.45 0.00	41.44 1.67 0.00	43.56 1.76 0.00	50.17 2.11 0.00	57.45 2.58 0.00	51.03 2.43 0.00	43.98 2.09 0.00	42.35 2.05 0.00	38.03 1.91 0.00	33.31 1.68 0.00	30.42 1.56 0.00
LOWVILLE_115KV_TB2 356335	27.96 0.06 0.00	26.93 -0.03 0.00	25.27 -0.05 0.00	23.18 -0.12 0.00	22.47 -0.09 0.00	24.30 -0.10 0.00	26.80 -0.08 0.00	27.13 -0.03 0.00	27.99 -0.14 0.00	28.35 -0.14 0.00	28.99 -0.23 0.00	32.29 -0.36 0.00	34.69 -0.35 0.00	36.95 -0.26 0.00	39.37 -0.40 0.00	41.51 -0.29 0.00	47.40 -0.24 0.42	54.98 0.11 0.00	48.89 0.29 0.00	42.22 0.34 0.00	40.61 0.32 0.00	36.37 0.25 0.00	31.28 -0.35 0.00	28.48 -0.38 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.97 2.06 0.00	28.90 1.94 0.00	26.92 1.60 0.00	24.74 1.44 0.00	23.91 1.35 0.00	25.94 1.54 0.00	28.79 1.91 0.00	29.14 1.98 0.00	30.15 2.03 0.00	30.40 1.91 0.00	31.07 1.84 0.00	34.74 2.09 0.00	37.15 2.10 0.00	39.55 2.34 0.00	42.40 2.62 0.00	44.69 2.88 0.00	51.62 3.56 0.00	59.20 4.33 0.00	52.83 4.23 0.00	45.45 3.56 0.00	43.88 3.59 0.00	39.26 3.14 0.00	34.26 2.63 0.00	31.31 2.45 0.00

LUTHERNY_35_KV_BK2 355980	30.00 2.09 0.00	28.90 1.94 0.00	26.94 1.62 0.00	24.77 1.47 0.00	23.93 1.38 0.00	25.94 1.54 0.00	28.81 1.94 0.00	29.17 2.01 0.00	30.15 2.03 0.00	30.40 1.91 0.00	31.10 1.87 0.00	34.77 2.12 0.00	37.18 2.14 0.00	39.59 2.38 0.00	42.44 2.66 0.00	44.73 2.93 0.00	51.67 3.60 0.00	59.26 4.39 0.00	52.88 4.28 0.00	45.49 3.60 0.00	43.92 3.63 0.00	39.29 3.18 0.00	34.29 2.66 0.00	31.34 2.48 0.00
LWR___OSWEGATCHIE_HYD 23850	27.04 -0.87 0.00	26.15 -0.81 0.00	24.64 -0.68 0.00	22.64 -0.65 0.00	21.93 -0.63 0.00	23.72 -0.68 0.00	26.18 -0.70 0.00	26.34 -0.81 0.00	27.17 -0.96 0.00	27.58 -0.91 0.00	28.17 -1.05 0.00	31.38 -1.27 0.00	33.57 -1.47 0.00	35.83 -1.38 0.00	38.22 -1.55 0.00	40.22 -1.59 0.00	44.86 -2.21 0.99	52.62 -2.25 0.00	46.80 -1.80 0.00	40.80 -1.09 0.00	39.24 -1.05 0.00	35.10 -1.01 0.00	30.43 -1.20 0.00	27.88 -0.98 0.00
LYONS_FALL_HYD 23570	28.27 0.36 0.00	27.23 0.27 0.00	25.52 0.20 0.00	23.41 0.12 0.00	22.69 0.14 0.00	24.55 0.15 0.00	27.09 0.21 0.00	27.46 0.30 0.00	28.35 0.22 0.00	28.75 0.26 0.00	29.40 0.18 0.00	32.78 0.13 0.00	35.22 0.18 0.00	37.47 0.26 0.00	39.93 0.16 0.00	42.10 0.29 0.00	48.31 0.53 0.28	55.80 0.93 0.00	49.52 0.92 0.00	42.64 0.75 0.00	41.02 0.73 0.00	36.73 0.61 0.00	31.76 0.13 0.00	28.94 0.09 0.00
MADISON___COUNTY_LFGE 323628	28.88 0.98 0.00	27.77 0.81 0.00	25.98 0.66 0.00	23.83 0.54 0.00	23.08 0.52 0.00	24.99 0.59 0.00	27.58 0.70 0.00	27.97 0.81 0.00	28.94 0.82 0.00	29.29 0.80 0.00	30.04 0.82 0.00	33.53 0.88 0.00	36.09 1.05 0.00	38.32 1.12 0.00	40.88 1.11 0.00	43.10 1.30 0.00	49.80 1.83 0.08	57.17 2.30 0.00	50.59 1.99 0.00	43.23 1.47 0.12	41.69 1.41 0.01	37.34 1.23 0.00	32.55 0.92 0.00	29.64 0.78 0.00
MALONE___115KV_TB1 356076	27.48 -0.42 0.00	26.72 -0.24 0.00	25.32 0.00 0.00	23.32 0.02 0.00	22.51 -0.05 0.00	24.35 -0.05 0.00	26.96 0.08 0.00	27.05 -0.11 0.00	27.99 -0.14 0.00	28.55 0.06 0.00	29.11 -0.12 0.00	32.52 -0.13 0.00	34.90 -0.14 0.00	37.21 0.00 0.00	39.81 0.04 0.00	41.85 0.04 0.00	47.14 -0.38 0.53	54.32 -0.55 0.00	48.21 -0.39 0.00	41.85 -0.04 0.00	40.17 -0.12 0.00	35.86 -0.25 0.00	31.12 -0.51 0.00	28.60 -0.26 0.00
MAPLEWOD_115KV_TB3 80458	28.88 0.98 0.00	27.90 0.94 0.00	26.06 0.73 0.00	24.02 0.72 0.00	23.26 0.70 0.00	25.13 0.73 0.00	27.77 0.89 0.00	28.19 1.03 0.00	29.17 1.04 0.00	29.46 0.97 0.00	30.19 0.96 0.00	33.76 1.11 0.00	36.13 1.09 0.00	38.47 1.27 0.00	41.20 1.43 0.00	43.27 1.46 0.00	49.89 1.83 0.00	57.12 2.25 0.00	50.69 2.09 0.00	43.65 1.76 0.00	41.98 1.69 0.00	37.70 1.59 0.00	33.08 1.45 0.00	30.21 1.36 0.00
MAPLE_RIDGE_WT_1 323574	27.46 -0.45 0.00	26.58 -0.38 0.00	25.09 -0.23 0.00	23.06 -0.23 0.00	22.33 -0.23 0.00	24.16 -0.24 0.00	26.56 -0.32 0.00	26.75 -0.41 0.00	27.73 -0.39 0.00	28.09 -0.40 0.00	28.82 -0.41 0.00	32.19 -0.46 0.00	34.52 -0.52 0.00	36.69 -0.52 0.00	39.21 -0.56 0.00	41.18 -0.63 0.00	47.12 -1.01 -0.07	53.66 -1.21 0.00	47.48 -1.12 0.00	41.01 -0.88 0.00	39.24 -1.05 0.00	35.00 -1.12 0.00	30.49 -1.14 0.00	27.76 -1.10 0.00
MAPLE_RIDGE_WT_2 323611	27.46 -0.45 0.00	26.58 -0.38 0.00	25.09 -0.23 0.00	23.06 -0.23 0.00	22.33 -0.23 0.00	24.16 -0.24 0.00	26.56 -0.32 0.00	26.75 -0.41 0.00	27.73 -0.39 0.00	28.09 -0.40 0.00	28.82 -0.41 0.00	32.19 -0.46 0.00	34.52 -0.52 0.00	36.69 -0.52 0.00	39.21 -0.56 0.00	41.18 -0.63 0.00	47.12 -1.01 -0.07	53.66 -1.21 0.00	47.48 -1.12 0.00	41.01 -0.88 0.00	39.24 -1.05 0.00	35.00 -1.12 0.00	30.49 -1.14 0.00	27.76 -1.10 0.00
MARBLE_RIVER_WT_PWR 323696	27.65 -0.25 0.00	26.85 -0.11 0.00	25.45 0.13 0.00	23.39 0.09 0.00	22.62 0.07 0.00	24.48 0.07 0.00	26.99 0.11 0.00	27.18 0.03 0.00	28.19 0.06 0.00	28.72 0.23 0.00	29.37 0.15 0.00	32.85 0.20 0.00	35.25 0.21 0.00	37.58 0.37 0.00	40.21 0.44 0.00	42.27 0.46 0.00	48.12 0.14 0.09	54.98 0.11 0.00	48.70 0.10 0.00	42.14 0.25 0.00	40.45 0.16 0.00	36.12 0.00 0.00	31.38 -0.25 0.00	28.74 -0.11 0.00
MARSHVLE_115KV_TB1 80742	30.58 2.68 0.00	29.36 2.40 0.00	27.35 2.03 0.00	25.09 1.79 0.00	24.27 1.71 0.00	26.38 1.98 0.00	29.32 2.45 0.00	29.36 2.20 0.00	29.90 1.77 0.00	30.00 1.51 0.00	30.72 1.49 0.00	34.32 1.67 0.00	36.76 1.72 0.00	39.25 2.05 0.00	42.00 2.23 0.00	44.27 2.47 0.00	51.76 3.70 0.00	60.41 5.54 0.00	53.90 5.30 0.00	45.99 4.10 0.00	44.56 4.27 0.00	39.73 3.61 0.00	34.89 3.26 0.00	31.77 2.91 0.00
MARSH_HILL_WT_PWR 323713	29.47 1.56 0.00	28.04 1.08 0.00	25.88 0.56 0.00	23.83 0.54 0.00	22.85 0.29 0.00	25.08 0.68 0.00	27.66 0.78 0.00	28.49 1.33 0.00	29.37 1.24 0.00	30.60 2.11 0.00	30.92 1.69 0.00	34.48 1.83 0.00	37.57 2.52 0.00	39.10 1.90 0.00	41.20 1.43 0.00	43.69 1.88 0.00	51.19 3.12 0.00	58.05 3.18 0.00	51.08 2.48 0.00	41.35 -0.17 0.37	40.38 0.12 0.03	36.79 0.68 0.01	32.11 0.48 0.00	29.29 0.43 0.00
MCINTYRE_115KV_TB2 80467	27.54 -0.36 0.00	26.77 -0.19 0.00	25.37 0.05 0.00	23.34 0.05 0.00	22.56 0.00 0.00	24.40 0.00 0.00	26.88 0.00 0.00	26.86 -0.30 0.00	27.68 -0.45 0.00	28.09 -0.40 0.00	28.61 -0.61 0.00	31.87 -0.78 0.00	34.13 -0.91 0.00	36.43 -0.78 0.00	38.94 -0.84 0.00	40.93 -0.88 0.00	44.46 -1.97 1.63	52.73 -2.14 0.00	47.00 -1.60 0.00	41.43 -0.46 0.00	39.85 -0.44 0.00	35.68 -0.43 0.00	31.03 -0.60 0.00	28.51 -0.35 0.00
MECO_____69_KV_BK1 80468	31.64 3.74 0.00	30.30 3.34 0.00	28.13 2.81 0.00	25.77 2.47 0.00	24.90 2.35 0.00	27.13 2.73 0.00	30.40 3.52 0.00	30.69 3.53 0.00	31.50 3.38 0.00	31.51 3.02 0.00	32.32 3.10 0.00	36.18 3.53 0.00	38.69 3.64 0.00	41.34 4.13 0.00	44.35 4.57 0.00	47.20 5.39 0.00	55.13 7.06 0.00	64.19 9.33 0.00	57.15 8.55 0.00	48.46 6.58 0.00	46.78 6.49 0.00	41.61 5.49 0.00	36.22 4.59 0.00	33.04 4.18 0.00
MENANDS___115KV_TB5 355628	28.68 0.78 0.00	27.72 0.75 0.00	25.90 0.58 0.00	23.90 0.61 0.00	23.12 0.56 0.00	24.99 0.59 0.00	27.60 0.73 0.00	28.03 0.87 0.00	29.00 0.87 0.00	29.32 0.83 0.00	30.02 0.79 0.00	33.57 0.91 0.00	35.92 0.88 0.00	38.25 1.04 0.00	40.96 1.19 0.00	42.98 1.17 0.00	49.55 1.49 0.00	56.68 1.81 0.00	50.30 1.70 0.00	43.31 1.42 0.00	41.66 1.37 0.00	37.42 1.30 0.00	32.90 1.27 0.00	30.04 1.18 0.00
MG INDUSTRY___DRP 24185	28.68 0.78 0.00	27.72 0.75 0.00	25.93 0.61 0.00	23.90 0.61 0.00	23.14 0.59 0.00	24.99 0.59 0.00	27.58 0.70 0.00	27.97 0.81 0.00	28.86 0.73 0.00	29.12 0.63 0.00	29.78 0.56 0.00	33.27 0.62 0.00	35.60 0.56 0.00	37.91 0.71 0.00	40.61 0.84 0.00	42.64 0.84 0.00	49.21 1.15 0.00	56.40 1.54 0.00	50.15 1.56 0.00	43.23 1.34 0.00	41.62 1.33 0.00	37.38 1.26 0.00	32.80 1.17 0.00	29.98 1.13 0.00

MID___OSWEGATCHIE_HYD 23849	27.04 -0.87 0.00	26.15 -0.81 0.00	24.64 -0.68 0.00	22.64 -0.65 0.00	21.93 -0.63 0.00	23.72 -0.68 0.00	26.18 -0.70 0.00	26.34 -0.81 0.00	27.17 -0.96 0.00	27.58 -0.91 0.00	28.17 -1.05 0.00	31.38 -1.27 0.00	33.57 -1.47 0.00	35.83 -1.38 0.00	38.22 -1.55 0.00	40.22 -1.59 0.00	44.86 -2.21 0.99	52.62 -2.25 0.00	46.80 -1.80 0.00	40.80 -1.09 0.00	39.24 -1.05 0.00	35.10 -1.01 0.00	30.43 -1.20 0.00	27.88 -0.98 0.00
MID___RAQUETTE_HYD 23851	26.87 -1.03 0.00	26.10 -0.86 0.00	24.74 -0.58 0.00	22.76 -0.54 0.00	22.02 -0.54 0.00	23.82 -0.59 0.00	26.26 -0.62 0.00	26.29 -0.87 0.00	27.14 -0.98 0.00	27.61 -0.88 0.00	28.14 -1.08 0.00	31.31 -1.34 0.00	33.43 -1.61 0.00	35.72 -1.49 0.00	38.14 -1.63 0.00	40.09 -1.71 0.00	43.67 -2.93 1.46	51.57 -3.29 0.00	45.83 -2.77 0.00	40.38 -1.51 0.00	38.80 -1.49 0.00	34.78 -1.34 0.00	30.30 -1.33 0.00	27.93 -0.92 0.00
MILLIKEN___1 23584	28.91 1.00 0.00	27.77 0.81 0.00	25.93 0.61 0.00	23.76 0.47 0.00	23.03 0.47 0.00	24.99 0.59 0.00	27.58 0.70 0.00	28.03 0.87 0.00	28.94 0.82 0.00	29.26 0.77 0.00	30.04 0.82 0.00	33.60 0.95 0.00	36.20 1.16 0.00	38.25 1.04 0.00	40.88 1.11 0.00	43.19 1.38 0.00	50.08 2.02 0.00	57.23 2.36 0.00	50.25 1.65 0.00	42.78 1.05 0.15	41.33 1.05 0.01	37.05 0.94 0.00	32.39 0.76 0.00	29.49 0.63 0.00
MILLIKEN___2 23585	28.91 1.00 0.00	27.77 0.81 0.00	25.93 0.61 0.00	23.76 0.47 0.00	23.03 0.47 0.00	24.99 0.59 0.00	27.58 0.70 0.00	28.03 0.87 0.00	28.94 0.82 0.00	29.26 0.77 0.00	30.04 0.82 0.00	33.60 0.95 0.00	36.20 1.16 0.00	38.25 1.04 0.00	40.88 1.11 0.00	43.19 1.38 0.00	50.08 2.02 0.00	57.23 2.36 0.00	50.25 1.65 0.00	42.78 1.05 0.15	41.33 1.05 0.01	37.05 0.94 0.00	32.39 0.76 0.00	29.49 0.63 0.00
MILLIKEN___DIESEL 23629	28.91 1.00 0.00	27.77 0.81 0.00	25.93 0.61 0.00	23.76 0.47 0.00	23.03 0.47 0.00	24.99 0.59 0.00	27.58 0.70 0.00	28.03 0.87 0.00	28.94 0.82 0.00	29.26 0.77 0.00	30.04 0.82 0.00	33.60 0.95 0.00	36.20 1.16 0.00	38.25 1.04 0.00	40.88 1.11 0.00	43.19 1.38 0.00	50.08 2.02 0.00	57.23 2.36 0.00	50.25 1.65 0.00	42.78 1.05 0.15	41.33 1.05 0.01	37.05 0.94 0.00	32.39 0.76 0.00	29.49 0.63 0.00
MILLSEAT___LFGE 323607	27.79 -0.11 0.00	26.56 -0.40 0.00	24.43 -0.89 0.00	22.72 -0.58 0.00	21.68 -0.88 0.00	23.74 -0.66 0.00	25.94 -0.94 0.00	26.72 -0.44 0.00	27.85 -0.28 0.00	29.12 0.63 0.00	29.14 -0.09 0.00	32.19 -0.46 0.00	35.39 0.35 0.00	36.76 -0.44 0.00	38.53 -1.23 0.00	41.14 -0.67 0.00	48.26 0.19 0.00	54.76 -0.11 0.00	48.36 -0.24 0.00	39.87 -1.47 0.55	39.08 -1.17 0.05	35.31 -0.79 0.01	31.06 -0.57 0.00	28.37 -0.49 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.49 1.59 0.00	28.39 1.43 0.00	26.54 1.22 0.00	24.37 1.07 0.00	23.57 1.02 0.00	25.55 1.15 0.00	28.30 1.42 0.00	29.00 1.85 0.00	30.10 1.97 0.00	30.65 2.17 0.00	31.39 2.16 0.00	35.07 2.42 0.00	37.57 2.52 0.00	40.03 2.83 0.00	42.71 2.94 0.00	44.73 2.93 0.00	51.95 3.89 0.00	59.26 4.39 0.00	52.34 3.74 0.00	44.78 2.89 0.00	43.07 2.78 0.00	38.50 2.38 0.00	33.81 2.18 0.00	30.79 1.93 0.00
MILLWOOD_13_KV_LOAD 356217	29.61 1.70 0.00	28.47 1.51 0.00	26.61 1.29 0.00	24.44 1.14 0.00	23.64 1.08 0.00	25.62 1.22 0.00	28.38 1.51 0.00	29.09 1.93 0.00	30.21 2.08 0.00	30.77 2.28 0.00	31.51 2.28 0.00	35.20 2.55 0.00	37.74 2.70 0.00	40.22 3.01 0.00	42.95 3.18 0.00	44.98 3.18 0.00	52.24 4.18 0.00	59.59 4.72 0.00	52.63 4.03 0.00	44.99 3.10 0.00	43.27 2.98 0.00	38.68 2.56 0.00	33.94 2.31 0.00	30.91 2.05 0.00
MODEL_CITY_ENERGY 24167	26.98 -0.92 0.00	25.83 -1.13 0.00	23.75 -1.57 0.00	22.13 -1.16 0.00	21.09 -1.47 0.00	23.11 -1.29 0.00	25.16 -1.72 0.00	25.88 -1.28 0.00	27.03 -1.10 0.00	28.38 -0.11 0.00	28.35 -0.88 0.00	31.22 -1.44 0.00	34.38 -0.67 0.00	35.53 -1.67 0.00	37.10 -2.66 0.00	39.63 -2.18 0.00	46.57 -1.49 0.00	52.67 -2.20 0.00	46.46 -2.14 0.00	38.25 -3.10 0.54	37.51 -2.74 0.04	34.01 -2.10 0.01	30.02 -1.61 0.00	27.44 -1.41 0.00
MODERN_LFGE___ 323580	26.98 -0.92 0.00	25.83 -1.13 0.00	23.75 -1.57 0.00	22.13 -1.16 0.00	21.09 -1.47 0.00	23.11 -1.29 0.00	25.16 -1.72 0.00	25.88 -1.28 0.00	27.03 -1.10 0.00	28.38 -0.11 0.00	28.35 -0.88 0.00	31.22 -1.44 0.00	34.38 -0.67 0.00	35.53 -1.67 0.00	37.10 -2.66 0.00	39.63 -2.18 0.00	46.57 -1.49 0.00	52.67 -2.20 0.00	46.46 -2.14 0.00	38.25 -3.10 0.54	37.51 -2.74 0.04	34.01 -2.10 0.01	30.02 -1.61 0.00	27.44 -1.41 0.00
MOHAWK_PAPER___DRP 24187	28.88 0.98 0.00	27.90 0.94 0.00	26.06 0.73 0.00	24.02 0.72 0.00	23.26 0.70 0.00	25.13 0.73 0.00	27.77 0.89 0.00	28.19 1.03 0.00	29.17 1.04 0.00	29.46 0.97 0.00	30.19 0.96 0.00	33.76 1.11 0.00	36.13 1.09 0.00	38.47 1.27 0.00	41.20 1.43 0.00	43.27 1.46 0.00	49.89 1.83 0.00	57.12 2.25 0.00	50.69 2.09 0.00	43.65 1.76 0.00	41.98 1.69 0.00	37.70 1.59 0.00	33.08 1.45 0.00	30.21 1.36 0.00
MOHICAN___35_KV_115KV_LD 80490	30.47 2.57 0.00	29.33 2.37 0.00	27.27 1.95 0.00	25.04 1.75 0.00	24.20 1.65 0.00	26.28 1.88 0.00	29.27 2.39 0.00	29.60 2.44 0.00	30.60 2.48 0.00	30.85 2.36 0.00	31.42 2.19 0.00	35.17 2.51 0.00	37.57 2.52 0.00	39.96 2.75 0.00	42.87 3.10 0.00	45.28 3.47 0.00	52.39 4.33 0.00	60.19 5.32 0.00	53.99 5.39 0.00	46.45 4.57 0.00	44.93 4.63 0.00	40.12 4.01 0.00	34.92 3.29 0.00	31.92 3.06 0.00
MONGAUP___HYD 23641	29.41 1.51 0.00	28.28 1.32 0.00	26.49 1.17 0.00	24.23 0.93 0.00	23.48 0.93 0.00	25.43 1.02 0.00	28.14 1.26 0.00	28.60 1.44 0.00	29.67 1.55 0.00	29.94 1.45 0.00	30.86 1.64 0.00	34.48 1.83 0.00	37.00 1.96 0.00	39.36 2.16 0.00	42.20 2.43 0.00	44.19 2.38 0.00	51.33 3.27 0.00	58.82 3.95 0.00	52.05 3.45 0.00	44.65 2.76 0.00	42.95 2.66 0.00	38.43 2.31 0.00	33.59 1.96 0.00	30.62 1.76 0.00
MONTAUK___DIESEL 23721	37.16 3.77 -5.49	31.52 3.48 -1.08	28.57 3.14 -0.11	26.63 2.84 -0.49	25.15 2.59 0.00	27.53 3.00 -0.13	30.05 3.17 0.00	30.96 3.80 0.00	34.60 4.05 -2.42	37.28 4.30 -4.49	36.56 4.76 -2.57	38.91 5.49 -0.77	40.93 5.89 0.00	47.45 6.66 -3.58	48.19 7.16 -1.26	53.19 7.53 -3.86	62.88 9.28 -5.55	69.16 10.75 -3.54	58.75 9.28 -0.86	49.06 7.16 -0.01	46.62 6.33 0.00	41.83 5.71 0.00	36.77 5.00 -0.14	35.73 4.36 -2.51
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.52 0.61 0.00	27.18 0.22 0.00	24.81 -0.51 0.00	22.62 -0.68 0.00	21.97 -0.59 0.00	23.99 -0.41 0.00	26.05 -0.83 0.00	26.94 -0.22 0.00	28.47 0.34 0.00	28.38 -0.11 0.00	29.84 0.61 0.00	33.24 0.59 0.00	36.44 1.40 0.00	37.13 -0.07 0.00	39.57 -0.20 0.00	42.23 0.42 -0.01	49.61 1.54 -0.01	55.91 1.04 0.00	49.13 0.53 0.00	39.72 -1.68 0.50	38.96 -1.29 0.04	35.57 -0.54 0.01	31.31 -0.32 0.00	28.54 -0.32 0.00

MORRIS_RIDGE___SOLAR 323848	27.71 -0.20 0.00	26.48 -0.49 0.00	24.38 -0.94 0.00	22.27 -1.03 0.00	21.63 -0.92 0.00	23.62 -0.78 0.00	25.70 -1.18 0.00	26.40 -0.76 0.00	27.65 -0.48 0.00	27.63 -0.85 0.00	28.90 -0.32 0.00	32.19 -0.46 0.00	35.25 0.21 0.00	36.05 -1.15 0.00	38.46 -1.31 0.00	41.02 -0.79 0.00	48.21 0.14 0.00	54.54 -0.33 0.00	48.02 -0.58 0.00	39.35 -2.09 0.44	38.40 -1.85 0.04	34.92 -1.19 0.01	30.71 -0.92 0.00	27.99 -0.87 0.00
MORTIMER_115KV_TB3 55949	27.71 -0.20 0.00	26.58 -0.38 0.00	24.59 -0.73 0.00	22.48 -0.82 0.00	21.83 -0.72 0.00	23.79 -0.61 0.00	25.99 -0.89 0.00	26.59 -0.57 0.00	27.82 -0.31 0.00	27.81 -0.68 0.00	28.96 -0.26 0.00	32.26 -0.39 0.00	35.15 0.11 0.00	36.42 -0.78 0.01	38.97 -0.80 0.01	41.43 -0.38 0.00	48.25 0.19 0.00	54.87 0.00 0.00	48.41 -0.19 0.00	40.56 -0.75 0.57	39.60 -0.64 0.05	35.53 -0.58 0.01	31.19 -0.44 0.00	28.42 -0.43 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.72 1.81 0.00	28.58 1.62 0.00	26.69 1.37 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.41 2.28 0.00	31.05 2.56 0.00	31.77 2.54 0.00	35.49 2.84 0.00	37.99 2.94 0.00	40.48 3.27 0.00	43.15 3.38 0.00	45.11 3.30 0.00	52.48 4.42 0.00	59.80 4.94 0.00	52.83 4.23 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.86 2.74 0.00	34.16 2.53 0.00	31.08 2.22 0.00
MUNSVILLE_WIND_PWR 323609	30.53 2.62 0.00	29.28 2.32 0.00	27.24 1.92 0.00	24.95 1.65 0.00	24.14 1.58 0.00	26.18 1.78 0.00	29.00 2.12 0.00	29.55 2.39 0.00	30.35 2.22 0.00	30.88 2.39 0.00	31.39 2.16 0.00	34.94 2.28 0.00	37.74 2.70 0.00	40.11 2.90 0.00	42.59 2.82 0.00	45.19 3.38 0.00	52.63 4.57 0.00	60.57 5.71 0.00	53.75 5.15 0.00	45.57 3.81 0.13	43.91 3.63 0.01	39.25 3.14 0.00	34.03 2.40 0.00	30.96 2.11 0.00
N SALMON___HYD 24042	27.49 -0.42 0.00	26.72 -0.24 0.00	25.32 0.00 0.00	23.27 -0.02 0.00	22.51 -0.05 0.00	24.35 -0.05 0.00	26.88 0.00 0.00	27.05 -0.11 0.00	27.99 -0.14 0.00	28.52 0.03 0.00	29.11 -0.12 0.00	32.52 -0.13 0.00	34.90 -0.14 0.00	37.21 0.00 0.00	39.81 0.04 0.00	41.85 0.04 0.00	47.14 -0.39 0.53	54.32 -0.55 0.00	48.21 -0.39 0.00	41.85 -0.04 0.00	40.17 -0.12 0.00	35.86 -0.25 0.00	31.12 -0.51 0.00	28.60 -0.26 0.00
N.AKRON__115KV_KNAPP 355671	27.79 -0.11 0.00	26.56 -0.40 0.00	24.38 -0.94 0.00	22.25 -1.05 0.00	21.68 -0.88 0.00	23.69 -0.71 0.00	25.72 -1.16 0.00	26.42 -0.73 0.00	27.88 -0.25 0.00	27.58 -0.91 0.00	28.99 -0.23 0.00	32.19 -0.46 0.00	35.39 0.35 0.00	36.05 -1.15 0.00	38.53 -1.23 0.00	41.10 -0.71 0.00	48.26 0.19 0.00	54.76 -0.11 0.00	48.26 -0.34 0.00	39.87 -1.47 0.55	39.04 -1.21 0.05	35.28 -0.83 0.01	31.06 -0.57 0.00	28.37 -0.49 0.00
N.BELMOR_69_KV_BK1 55787	35.65 2.26 -5.49	30.09 2.05 -1.08	27.23 1.80 -0.11	25.40 1.61 -0.49	24.02 1.47 0.00	26.21 1.68 -0.13	28.81 1.94 0.00	29.63 2.47 0.00	33.25 2.70 -2.42	35.88 2.91 -4.49	34.78 2.98 -2.57	36.79 3.36 -0.77	38.55 3.50 0.00	44.74 3.87 -3.66	45.00 3.98 -1.25	58.92 3.93 -13.18	79.03 5.05 -25.93	77.12 5.76 -16.49	54.41 4.96 -0.85	45.74 3.85 0.00	43.80 3.51 0.00	39.40 3.29 0.00	34.84 3.07 -0.14	34.05 2.68 -2.51
N.E_GEN_SANDY PD 24062	29.19 1.28 0.00	29.60 1.21 -1.42	27.00 1.04 -0.64	25.70 0.89 -1.52	24.50 0.90 -1.04	30.20 0.98 -4.82	31.80 1.24 -3.68	28.54 1.38 0.00	29.56 1.43 0.00	29.69 1.20 0.00	30.60 1.37 0.00	34.22 1.57 0.00	36.58 1.54 0.00	38.84 1.64 0.00	41.41 1.83 0.19	43.83 1.84 -0.19	50.32 2.26 0.00	57.50 2.63 0.00	50.93 2.33 0.00	43.90 2.01 0.00	42.23 1.93 0.00	37.96 1.84 0.00	33.27 1.64 0.00	30.36 1.50 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.41 1.51 0.00	28.31 1.35 0.00	26.46 1.14 0.00	24.30 1.00 0.00	23.50 0.95 0.00	25.48 1.07 0.00	28.25 1.37 0.00	28.92 1.77 0.00	29.99 1.86 0.00	30.57 2.08 0.00	31.30 2.08 0.00	34.94 2.29 0.00	37.39 2.35 0.00	39.89 2.68 0.00	42.60 2.82 0.00	44.65 2.84 0.00	51.81 3.75 0.00	59.09 4.22 0.00	52.20 3.60 0.00	44.61 2.72 0.00	42.91 2.62 0.00	38.36 2.24 0.00	33.72 2.09 0.00	30.70 1.85 0.00
N.QUEENS_27_KV_LOAD 356247	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.70 1.40 0.00	23.89 1.33 0.00	25.72 1.32 0.00	28.63 1.75 0.00	29.44 2.28 0.00	30.58 2.45 0.00	31.26 2.76 -0.01	32.01 2.78 -0.01	35.73 3.07 -0.01	38.13 3.08 0.00	40.63 3.42 0.00	43.27 3.50 0.00	45.19 3.39 0.00	52.77 4.71 0.00	60.02 5.16 0.00	52.88 4.28 0.00	45.28 3.39 0.00	43.56 3.26 0.00	38.82 2.71 0.00	34.54 2.91 0.00	31.43 2.57 -0.01
N.TROY___115KV_TB1 355778	29.19 1.28 0.00	28.20 1.24 0.00	26.33 1.01 0.00	24.25 0.96 0.00	23.46 0.90 0.00	25.38 0.98 0.00	28.09 1.21 0.00	28.49 1.33 0.00	29.45 1.32 0.00	29.71 1.23 0.00	30.45 1.23 0.00	34.02 1.37 0.00	36.37 1.33 0.00	38.70 1.49 0.00	41.44 1.67 0.00	43.56 1.76 0.00	50.18 2.11 0.00	57.45 2.58 0.00	51.03 2.43 0.00	43.98 2.09 0.00	42.35 2.05 0.00	38.03 1.91 0.00	33.31 1.68 0.00	30.42 1.56 0.00
NARROWS_GT1_1 24228	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
NARROWS_GT1_2 24229	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
NARROWS_GT1_3 24230	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
NARROWS_GT1_4 24231	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01

NARROWS_GT1_5 24232	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
NARROWS_GT1_6 24233	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
NARROWS_GT1_7 24234	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
NARROWS_GT1_8 24235	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
NARROWS_GT2_1 24236	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
NARROWS_GT2_2 24237	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
NARROWS_GT2_3 24238	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
NARROWS_GT2_4 24239	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
NARROWS_GT2_5 24240	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
NARROWS_GT2_6 24241	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
NARROWS_GT2_7 24242	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
NARROWS_GT2_8 24243	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.55 1.26 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.65 1.77 0.00	29.36 2.20 0.00	30.60 2.48 0.00	30.86 2.36 -0.01	32.04 2.81 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.63 3.42 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.19 1.28 0.00	28.17 1.21 0.00	26.33 1.01 0.00	24.25 0.96 0.00	23.48 0.92 0.00	25.33 0.93 0.00	27.98 1.10 0.00	28.27 1.11 0.00	29.14 1.01 0.00	29.32 0.83 0.00	29.99 0.76 0.00	33.57 0.91 0.00	35.99 0.95 0.00	38.40 1.19 0.00	41.24 1.47 0.00	43.35 1.55 0.00	50.13 2.07 0.00	57.61 2.74 0.00	51.37 2.77 0.00	44.32 2.43 0.00	42.71 2.42 0.00	38.28 2.17 0.00	33.50 1.87 0.00	30.62 1.76 0.00
NCHELSEA_115KV_TR2 355582	29.63 1.73 0.00	28.50 1.54 0.00	26.69 1.37 0.00	24.46 1.16 0.00	23.68 1.13 0.00	25.62 1.22 0.00	28.46 1.59 0.00	29.09 1.93 0.00	30.21 2.08 0.00	30.71 2.22 0.00	31.51 2.28 0.00	35.23 2.58 0.00	37.85 2.80 0.00	40.37 3.16 0.00	43.15 3.38 0.00	45.23 3.43 0.00	52.15 4.09 0.00	59.53 4.66 0.00	52.58 3.99 0.00	45.03 3.14 0.00	43.31 3.02 0.00	38.72 2.60 0.00	33.88 2.25 0.00	30.88 2.02 0.00
NEG CAPITAL___MECHNVIL 23645	29.86 1.95 0.00	28.80 1.83 0.00	26.84 1.52 0.00	24.65 1.35 0.00	23.84 1.29 0.00	25.84 1.44 0.00	28.73 1.85 0.00	29.03 1.87 0.00	30.07 1.94 0.00	30.20 1.71 0.00	30.98 1.75 0.00	34.68 2.03 0.00	37.07 2.03 0.00	39.44 2.23 0.00	42.32 2.55 0.00	44.61 2.80 0.00	51.52 3.46 0.00	59.09 4.23 0.00	52.68 4.08 0.00	45.32 3.44 0.00	43.68 3.38 0.00	39.11 3.00 0.00	34.13 2.50 0.00	31.19 2.34 0.00

NEG CENTRAL_HIGH_ACRES 23767	27.37 -0.53 0.00	26.23 -0.73 0.00	24.36 -0.96 0.00	22.48 -0.82 0.00	21.61 -0.95 0.00	23.55 -0.85 0.00	25.91 -0.97 0.00	26.45 -0.71 0.00	27.45 -0.68 0.00	28.32 -0.17 0.00	28.70 -0.53 0.00	31.90 -0.75 0.00	34.69 -0.35 0.00	36.46 -0.74 0.01	38.65 -1.11 0.01	41.05 -0.75 0.00	47.73 -0.33 0.00	54.32 -0.55 0.00	47.97 -0.63 0.00	40.25 -1.13 0.50	39.24 -1.01 0.04	35.17 -0.94 0.01	30.84 -0.79 0.00	28.08 -0.78 0.00
NEG CENTRAL___DRP 24199	28.15 0.25 0.00	27.02 0.05 0.00	25.14 -0.18 0.00	23.02 -0.28 0.00	22.33 -0.23 0.00	24.28 -0.12 0.00	26.74 -0.13 0.00	27.24 0.08 0.00	28.24 0.11 0.00	28.49 0.00 0.00	29.43 0.20 0.00	32.95 0.29 0.00	35.60 0.56 0.00	37.35 0.15 0.00	39.81 0.04 0.00	42.18 0.38 0.00	48.95 0.91 0.03	55.80 0.93 0.00	49.33 0.73 0.00	41.61 -0.08 0.19	40.28 0.00 0.02	36.26 0.14 0.00	31.76 0.13 0.00	28.89 0.03 0.00
NEG CENTRAL___INDECK 23768	28.66 0.75 0.00	27.37 0.41 0.00	25.27 -0.05 0.00	23.34 0.05 0.00	22.35 -0.20 0.00	24.50 0.10 0.00	26.85 -0.03 0.00	27.40 0.24 0.00	28.24 0.11 0.00	29.29 0.80 0.00	29.46 0.23 0.00	32.68 0.03 0.00	35.71 0.66 0.00	37.24 0.04 0.00	39.37 -0.40 0.00	41.93 0.13 0.00	49.17 1.11 0.00	56.02 1.15 0.00	49.91 1.31 0.00	41.66 0.25 0.48	40.82 0.56 0.04	36.72 0.61 0.01	32.17 0.54 0.00	29.23 0.37 0.00
NEG CENTRAL___SENECA 23627	28.27 0.36 0.00	27.07 0.11 0.00	25.09 -0.23 0.00	22.95 -0.35 0.00	22.29 -0.27 0.00	24.30 -0.10 0.00	26.72 -0.16 0.00	27.29 0.14 0.00	28.35 0.23 0.00	28.55 0.06 0.00	29.55 0.32 0.00	33.08 0.42 0.00	35.85 0.81 0.00	37.39 0.19 0.00	39.81 0.04 0.00	42.27 0.46 0.00	49.26 1.20 0.00	56.07 1.21 0.00	49.47 0.87 0.00	41.37 -0.17 0.35	40.18 -0.08 0.03	36.29 0.18 0.01	31.79 0.16 0.00	28.92 0.06 0.00
NEG CENTRAL___STATE_STREET 24147	28.15 0.25 0.00	27.10 0.13 0.00	25.27 -0.05 0.00	23.18 -0.12 0.00	22.47 -0.09 0.00	24.38 -0.02 0.00	26.91 0.03 0.00	27.29 0.14 0.00	28.30 0.17 0.00	28.63 0.14 0.00	29.46 0.23 0.00	32.98 0.33 0.00	35.57 0.53 0.00	37.50 0.30 0.00	40.09 0.32 0.00	42.39 0.59 0.00	48.99 0.96 0.03	55.85 0.99 0.00	49.57 0.97 0.00	42.26 0.38 0.00	40.70 0.40 0.00	36.48 0.36 0.00	31.91 0.28 0.00	29.03 0.17 0.00
NEG MILLWOOD___DRP 24198	29.83 1.93 0.00	28.69 1.73 0.00	26.82 1.49 0.00	24.58 1.28 0.00	23.80 1.24 0.00	25.74 1.34 0.00	28.57 1.69 0.00	29.25 2.09 0.00	30.41 2.28 0.00	30.91 2.42 0.00	31.74 2.51 0.00	35.46 2.81 0.00	38.13 3.08 0.00	40.70 3.50 0.00	43.55 3.78 0.00	45.57 3.76 0.00	52.72 4.66 0.00	60.19 5.32 0.00	53.12 4.52 0.00	45.36 3.48 0.00	43.68 3.38 0.00	39.01 2.89 0.00	34.10 2.47 0.00	31.08 2.22 0.00
NEG NORTH_FLCN_SEA 23793	28.21 0.31 0.00	27.42 0.46 0.00	25.95 0.63 0.00	23.90 0.61 0.00	23.08 0.52 0.00	24.99 0.59 0.00	27.66 0.78 0.00	27.81 0.65 0.00	28.80 0.68 0.00	29.37 0.88 0.00	29.99 0.76 0.00	33.53 0.88 0.00	36.06 1.02 0.00	38.43 1.23 0.00	41.12 1.35 0.00	43.23 1.42 0.00	49.34 1.39 0.12	56.35 1.48 0.00	49.91 1.31 0.00	43.10 1.21 0.00	41.38 1.09 0.00	36.87 0.76 0.00	31.98 0.35 0.00	29.35 0.49 0.00
NEG NORTH_KES_CHATEGAY 23792	27.54 -0.36 0.00	26.75 -0.22 0.00	25.37 0.05 0.00	23.34 0.05 0.00	22.53 -0.02 0.00	24.40 0.00 0.00	26.96 0.08 0.00	27.05 -0.11 0.00	28.02 -0.11 0.00	28.55 0.06 0.00	29.20 -0.03 0.00	32.65 0.00 0.00	35.04 0.00 0.00	37.32 0.11 0.00	39.93 0.16 0.00	41.97 0.17 0.00	47.65 -0.19 0.22	54.59 -0.27 0.00	48.45 -0.15 0.00	41.93 0.04 0.00	40.25 -0.04 0.00	35.94 -0.18 0.00	31.22 -0.41 0.00	28.60 -0.26 0.00
NEG NORTH___ALICE_FALLS 23915	28.15 0.25 0.00	27.37 0.40 0.00	25.90 0.58 0.00	23.86 0.56 0.00	23.03 0.47 0.00	24.91 0.51 0.00	27.60 0.73 0.00	27.75 0.60 0.00	28.72 0.59 0.00	29.29 0.80 0.00	29.90 0.67 0.00	33.44 0.78 0.00	35.92 0.88 0.00	38.32 1.12 0.00	41.00 1.23 0.00	43.10 1.30 0.00	49.22 1.30 0.14	56.24 1.37 0.00	49.86 1.26 0.00	43.02 1.13 0.00	41.30 1.01 0.00	36.80 0.69 0.00	31.91 0.28 0.00	29.29 0.43 0.00
NEG NORTH___LWR_SARANAC 23913	28.15 0.25 0.00	27.37 0.40 0.00	25.90 0.58 0.00	23.86 0.56 0.00	23.03 0.47 0.00	24.91 0.51 0.00	27.60 0.73 0.00	27.75 0.60 0.00	28.72 0.59 0.00	29.29 0.80 0.00	29.90 0.67 0.00	33.44 0.78 0.00	35.92 0.88 0.00	38.32 1.12 0.00	41.00 1.23 0.00	43.10 1.30 0.00	49.22 1.30 0.14	56.24 1.37 0.00	49.86 1.26 0.00	43.02 1.13 0.00	41.30 1.01 0.00	36.80 0.69 0.00	31.91 0.28 0.00	29.29 0.43 0.00
NEG NORTH___PLATTSBURG 23628	28.15 0.25 0.00	27.37 0.41 0.00	25.90 0.58 0.00	23.81 0.51 0.00	23.03 0.47 0.00	24.92 0.51 0.00	27.55 0.67 0.00	27.75 0.60 0.00	28.72 0.59 0.00	29.29 0.80 0.00	29.90 0.67 0.00	33.43 0.78 0.00	35.92 0.88 0.00	38.32 1.12 0.00	41.01 1.23 0.00	43.10 1.30 0.00	49.22 1.30 0.14	56.24 1.37 0.00	49.86 1.26 0.00	43.02 1.13 0.00	41.30 1.01 0.00	36.80 0.68 0.00	31.91 0.28 0.00	29.29 0.43 0.00
NEG WEST_LEA_LOCKPORT 23791	27.26 -0.64 0.00	26.07 -0.89 0.00	23.95 -1.37 0.00	21.85 -1.44 0.00	21.32 -1.24 0.00	23.28 -1.12 0.00	25.19 -1.69 0.00	25.85 -1.30 0.00	27.31 -0.82 0.00	27.04 -1.45 0.00	28.47 -0.76 0.00	31.57 -1.08 0.00	34.76 -0.28 0.00	35.19 -2.01 0.00	37.58 -2.19 0.00	40.10 -1.71 0.00	47.15 -0.91 0.00	53.33 -1.54 0.00	46.95 -1.65 0.00	38.71 -2.64 0.54	37.91 -2.34 0.04	34.37 -1.73 0.01	30.36 -1.27 0.00	27.73 -1.13 0.00
NEG WEST___LANCASTER 23811	27.71 -0.20 0.00	26.45 -0.51 0.00	24.31 -1.01 0.00	22.20 -1.09 0.00	21.63 -0.92 0.00	23.67 -0.73 0.00	25.70 -1.18 0.00	26.37 -0.79 0.00	27.73 -0.39 0.00	27.63 -0.85 0.00	29.02 -0.20 0.00	32.29 -0.36 0.00	35.43 0.39 0.00	35.98 -1.23 0.00	38.46 -1.31 0.00	40.94 -0.88 -0.01	48.45 0.38 -0.01	54.70 -0.16 0.00	48.11 -0.49 0.00	38.12 -3.27 0.50	37.67 -2.58 0.04	34.88 -1.23 0.01	30.71 -0.92 0.00	28.19 -0.66 0.00
NEG_PENN_ALLEGHNY 23528	28.46 0.56 0.00	27.37 0.41 0.00	25.52 0.20 0.00	23.48 0.19 0.00	22.69 0.14 0.00	24.62 0.22 0.00	27.20 0.32 0.00	27.67 0.51 0.00	28.64 0.51 0.00	29.23 0.74 0.00	29.87 0.64 0.00	33.34 0.69 0.00	35.95 0.91 0.00	38.02 0.82 0.00	40.49 0.72 0.00	42.77 0.96 0.00	49.55 1.49 0.00	56.40 1.53 0.00	49.86 1.26 0.00	42.25 0.50 0.14	40.84 0.56 0.01	36.69 0.58 0.00	32.17 0.54 0.00	29.29 0.43 0.00
NEG___GEN_MONROE 24207	27.96 0.06 0.00	26.80 -0.16 0.00	24.74 -0.58 0.00	22.58 -0.72 0.00	21.95 -0.61 0.00	23.94 -0.46 0.00	26.13 -0.75 0.00	26.70 -0.46 0.00	27.90 -0.23 0.00	27.78 -0.71 0.00	28.96 -0.26 0.00	32.19 -0.46 0.00	35.11 0.07 0.00	36.31 -0.89 0.01	38.85 -0.91 0.01	41.30 -0.50 0.00	48.16 0.10 0.00	54.81 -0.05 0.00	48.41 -0.19 0.00	40.52 -0.80 0.57	39.56 -0.68 0.05	35.53 -0.58 0.01	31.19 -0.44 0.00	28.45 -0.40 0.00

NEPA__ENERGY 23901	27.76 -0.14 0.00	26.56 -0.40 0.00	24.38 -0.94 0.00	22.30 -1.00 0.00	21.70 -0.86 0.00	23.74 -0.66 0.00	25.78 -1.10 0.00	26.56 -0.60 0.00	27.90 -0.23 0.00	27.86 -0.63 0.00	29.20 -0.03 0.00	32.49 -0.16 0.00	35.60 0.56 0.00	36.31 -0.89 0.00	38.74 -1.03 0.00	41.40 -0.42 -0.01	48.69 0.62 -0.01	54.98 0.11 0.00	48.41 -0.19 0.00	39.30 -2.09 0.50	38.48 -1.77 0.04	35.10 -1.01 0.01	30.93 -0.70 0.00	28.25 -0.61 0.00
NEVERSink__HYD 23608	29.55 1.65 0.00	28.42 1.45 0.00	26.59 1.27 0.00	24.32 1.02 0.00	23.59 1.04 0.00	25.52 1.12 0.00	28.28 1.40 0.00	28.79 1.63 0.00	29.93 1.80 0.00	30.26 1.77 0.00	31.18 1.96 0.00	34.87 2.22 0.00	37.46 2.42 0.00	39.89 2.68 0.00	42.71 2.94 0.00	44.82 3.01 0.00	52.00 3.94 0.00	59.48 4.61 0.00	52.63 4.03 0.00	45.03 3.14 0.00	43.27 2.98 0.00	38.64 2.53 0.00	33.78 2.15 0.00	30.76 1.90 0.00
NEWKRMKL_115KV_TB1 55635	28.55 0.64 0.00	27.55 0.59 0.00	25.75 0.43 0.00	23.79 0.49 0.00	23.03 0.47 0.00	24.87 0.46 0.00	27.44 0.56 0.00	27.89 0.73 0.00	28.83 0.70 0.00	29.17 0.68 0.00	29.90 0.67 0.00	33.40 0.75 0.00	35.74 0.70 0.00	38.10 0.89 0.00	40.81 1.03 0.00	42.81 1.00 0.00	49.36 1.30 0.00	56.51 1.65 0.00	50.11 1.51 0.00	43.14 1.26 0.00	41.54 1.25 0.00	37.27 1.16 0.00	32.80 1.17 0.00	29.95 1.10 0.00
NEWTON__FALLS_HYD 23847	27.04 -0.87 0.00	26.15 -0.81 0.00	24.64 -0.68 0.00	22.64 -0.65 0.00	21.93 -0.63 0.00	23.72 -0.68 0.00	26.18 -0.70 0.00	26.34 -0.81 0.00	27.17 -0.96 0.00	27.58 -0.91 0.00	28.17 -1.05 0.00	31.38 -1.27 0.00	33.57 -1.47 0.00	35.83 -1.38 0.00	38.22 -1.55 0.00	40.22 -1.59 0.00	44.86 -2.21 0.99	52.62 -2.25 0.00	46.80 -1.80 0.00	40.80 -1.09 0.00	39.24 -1.05 0.00	35.10 -1.01 0.00	30.43 -1.20 0.00	27.88 -0.98 0.00
NGRID_A1_DSASP 323792	26.70 -1.20 0.00	25.59 -1.37 0.00	23.52 -1.80 0.00	21.95 -1.35 0.00	20.91 -1.65 0.00	22.89 -1.51 0.00	24.89 -1.99 0.00	25.58 -1.58 0.00	26.75 -1.38 0.00	28.09 -0.40 0.00	28.06 -1.17 0.00	30.86 -1.80 0.00	33.99 -1.05 0.00	35.05 -2.16 0.00	36.59 -3.18 0.00	39.10 -2.72 -0.01	45.90 -2.16 -0.01	51.90 -2.96 0.00	45.78 -2.82 0.00	37.83 -3.52 0.54	37.02 -3.22 0.04	33.58 -2.53 0.01	29.70 -1.93 0.00	27.16 -1.70 0.00
NGRID_A2_DSASP 323793	26.70 -1.20 0.00	25.59 -1.37 0.00	23.52 -1.80 0.00	21.95 -1.35 0.00	20.91 -1.65 0.00	22.89 -1.51 0.00	24.89 -1.99 0.00	25.58 -1.58 0.00	26.75 -1.38 0.00	28.09 -0.40 0.00	28.06 -1.17 0.00	30.86 -1.80 0.00	33.99 -1.05 0.00	35.05 -2.16 0.00	36.59 -3.18 0.00	39.10 -2.72 -0.01	45.90 -2.16 -0.01	51.90 -2.96 0.00	45.78 -2.82 0.00	37.83 -3.52 0.54	37.02 -3.22 0.04	33.58 -2.53 0.01	29.70 -1.93 0.00	27.16 -1.70 0.00
NGRID_A4_DSASP 323807	26.70 -1.20 0.00	25.59 -1.37 0.00	23.52 -1.80 0.00	21.95 -1.35 0.00	20.91 -1.65 0.00	22.89 -1.51 0.00	24.89 -1.99 0.00	25.58 -1.58 0.00	26.75 -1.38 0.00	28.09 -0.40 0.00	28.06 -1.17 0.00	30.86 -1.80 0.00	33.99 -1.05 0.00	35.05 -2.16 0.00	36.59 -3.18 0.00	39.10 -2.72 -0.01	45.90 -2.16 -0.01	51.90 -2.96 0.00	45.78 -2.82 0.00	37.83 -3.52 0.54	37.02 -3.22 0.04	33.58 -2.53 0.01	29.70 -1.93 0.00	27.16 -1.70 0.00
NIAGARA_115E_LBMP 323715	26.81 -1.09 0.00	25.67 -1.29 0.00	23.62 -1.70 0.00	22.02 -1.28 0.00	20.98 -1.58 0.00	22.96 -1.44 0.00	25.00 -1.88 0.00	25.69 -1.47 0.00	26.86 -1.27 0.00	28.20 -0.28 0.00	28.18 -1.05 0.00	31.02 -1.63 0.00	34.13 -0.91 0.00	35.27 -1.94 0.00	36.83 -2.94 0.00	39.30 -2.51 0.00	46.19 -1.88 0.00	52.29 -2.58 0.00	46.07 -2.53 0.00	37.96 -3.39 0.54	37.23 -3.02 0.04	33.76 -2.35 0.01	29.83 -1.80 0.00	27.27 -1.59 0.00
NIAGARA_115W_LBMP 323714	26.65 -1.26 0.00	25.53 -1.43 0.00	23.47 -1.85 0.00	21.90 -1.40 0.00	20.86 -1.69 0.00	22.84 -1.56 0.00	24.83 -2.04 0.00	25.50 -1.66 0.00	26.70 -1.43 0.00	28.03 -0.46 0.00	27.97 -1.26 0.00	30.79 -1.86 0.00	33.89 -1.16 0.00	34.97 -2.23 0.00	36.51 -3.26 0.00	38.97 -2.84 -0.01	45.81 -2.26 -0.01	51.80 -3.07 0.00	45.63 -2.97 0.00	37.74 -3.60 0.54	36.98 -3.26 0.04	33.51 -2.60 0.01	29.64 -1.99 0.00	27.10 -1.76 0.00
NIAGARA_230_LBMP 323716	26.87 -1.03 0.00	25.75 -1.21 0.00	23.70 -1.62 0.00	22.08 -1.21 0.00	21.07 -1.49 0.00	23.06 -1.34 0.00	25.10 -1.77 0.00	25.74 -1.41 0.00	26.92 -1.21 0.00	28.23 -0.26 0.00	28.23 -0.99 0.00	31.09 -1.57 0.00	34.20 -0.84 0.00	35.30 -1.90 0.01	36.90 -2.86 0.01	39.38 -2.43 0.00	46.23 -1.83 0.00	52.34 -2.52 0.00	46.12 -2.48 0.00	38.11 -3.22 0.55	37.35 -2.90 0.05	33.83 -2.27 0.01	29.92 -1.71 0.00	27.33 -1.53 0.00
NIAGARA__115KV_198_GIBSON 55903	26.62 -1.28 0.00	25.51 -1.46 0.00	23.42 -1.90 0.00	21.41 -1.89 0.00	20.87 -1.69 0.00	22.77 -1.63 0.00	24.59 -2.28 0.00	25.20 -1.96 0.00	26.69 -1.43 0.00	26.38 -2.11 0.00	27.79 -1.43 0.00	30.79 -1.86 0.00	33.89 -1.16 0.00	34.23 -2.98 0.00	36.51 -3.26 0.00	38.97 -2.84 -0.01	45.81 -2.26 -0.01	51.79 -3.07 0.00	45.59 -3.01 0.00	37.74 -3.60 0.54	36.98 -3.26 0.04	33.51 -2.60 0.01	29.64 -1.99 0.00	27.10 -1.76 0.00
NIAGARA____ 23760	26.87 -1.03 0.00	25.75 -1.21 0.00	23.70 -1.62 0.00	22.08 -1.21 0.00	21.07 -1.49 0.00	23.06 -1.34 0.00	25.10 -1.77 0.00	25.74 -1.41 0.00	26.92 -1.21 0.00	28.23 -0.26 0.00	28.23 -0.99 0.00	31.09 -1.57 0.00	34.20 -0.84 0.00	35.30 -1.90 0.01	36.90 -2.86 0.01	39.38 -2.43 0.00	46.23 -1.83 0.00	52.34 -2.52 0.00	46.12 -2.48 0.00	38.12 -3.22 0.55	37.35 -2.90 0.05	33.83 -2.27 0.01	29.92 -1.71 0.00	27.33 -1.53 0.00
NINE_MILE_1 23575	27.29 -0.61 0.00	26.31 -0.65 0.00	24.61 -0.71 0.00	22.67 -0.63 0.00	21.93 -0.63 0.00	23.74 -0.66 0.00	26.15 -0.72 0.00	26.43 -0.73 0.00	27.34 -0.79 0.00	27.81 -0.68 0.00	28.47 -0.76 0.00	31.77 -0.88 0.00	34.17 -0.87 0.00	36.15 -1.00 0.05	38.61 -1.11 0.05	40.72 -1.09 0.00	46.96 -1.10 0.00	53.61 -1.26 0.00	47.43 -1.17 0.00	36.75 -1.17 3.97	38.84 -1.13 0.33	35.04 -1.01 0.06	30.78 -0.85 0.00	28.05 -0.81 0.00
NINE_MILE_2 23744	27.29 -0.61 0.00	26.31 -0.65 0.00	24.61 -0.71 0.00	22.67 -0.63 0.00	21.93 -0.63 0.00	23.74 -0.66 0.00	26.18 -0.70 0.00	26.43 -0.73 0.00	27.34 -0.79 0.00	27.81 -0.68 0.00	28.47 -0.76 0.00	31.77 -0.88 0.00	34.17 -0.87 0.00	36.15 -1.00 0.05	38.61 -1.11 0.05	40.72 -1.09 0.00	46.96 -1.10 0.00	53.61 -1.26 0.00	47.43 -1.17 0.00	36.70 -1.17 4.02	38.87 -1.09 0.33	35.04 -1.01 0.06	30.78 -0.85 0.00	28.05 -0.81 0.00
NM_CAPITAL__DRP 24208	28.57 0.67 0.00	27.61 0.65 0.00	25.83 0.51 0.00	23.83 0.54 0.00	23.05 0.50 0.00	24.91 0.51 0.00	27.50 0.62 0.00	27.94 0.79 0.00	28.89 0.76 0.00	29.20 0.71 0.00	29.93 0.70 0.00	33.47 0.82 0.00	35.81 0.77 0.00	38.14 0.93 0.00	40.85 1.07 0.00	42.85 1.05 0.00	49.41 1.35 0.00	56.51 1.65 0.00	50.15 1.56 0.00	43.23 1.34 0.00	41.58 1.29 0.00	37.34 1.23 0.00	32.83 1.20 0.00	29.98 1.13 0.00

NM_CENTRAL___DRP 24181	27.90 0.00 0.00	26.85 -0.11 0.00	25.09 -0.23 0.00	23.04 -0.26 0.00	22.33 -0.23 0.00	24.21 -0.20 0.00	26.66 -0.22 0.00	27.02 -0.14 0.00	27.99 -0.14 0.00	28.32 -0.17 0.00	29.17 -0.06 0.00	32.62 -0.03 0.00	35.11 0.07 0.00	37.13 -0.07 0.00	39.65 -0.12 0.00	41.81 0.00 0.00	48.26 0.24 0.04	55.09 0.22 0.00	48.70 0.10 0.00	41.43 -0.21 0.25	40.11 -0.16 0.02	36.00 -0.11 0.00	31.54 -0.09 0.00	28.71 -0.14 0.00
NM_FRONTIER___DRP 24179	26.62 -1.28 0.00	25.51 -1.46 0.00	23.42 -1.90 0.00	21.41 -1.89 0.00	20.87 -1.69 0.00	22.77 -1.63 0.00	24.59 -2.28 0.00	25.20 -1.96 0.00	26.69 -1.43 0.00	26.38 -2.11 0.00	27.79 -1.43 0.00	30.79 -1.86 0.00	33.89 -1.16 0.00	34.23 -2.98 0.00	36.51 -3.26 0.00	38.97 -2.84 -0.01	45.81 -2.26 -0.01	51.79 -3.07 0.00	45.59 -3.01 0.00	37.74 -3.60 0.54	36.98 -3.26 0.04	33.51 -2.60 0.01	29.64 -1.99 0.00	27.10 -1.76 0.00
NM_ST_REGIS___HYD 24053	26.98 -0.92 0.00	26.23 -0.73 0.00	24.87 -0.46 0.00	22.88 -0.42 0.00	22.13 -0.43 0.00	23.94 -0.46 0.00	26.42 -0.46 0.00	26.45 -0.71 0.00	27.34 -0.79 0.00	27.81 -0.68 0.00	28.38 -0.85 0.00	31.61 -1.04 0.00	33.78 -1.26 0.00	36.05 -1.15 0.00	38.54 -1.23 0.00	40.51 -1.30 0.00	44.49 -2.31 1.27	52.23 -2.63 0.00	46.41 -2.19 0.00	40.71 -1.17 0.00	39.12 -1.17 0.00	35.03 -1.08 0.00	30.49 -1.14 0.00	28.08 -0.78 0.00
NORTHPORT___1 23551	35.68 2.29 -5.49	30.20 2.16 -1.08	27.33 1.90 -0.11	25.26 1.47 -0.49	24.14 1.58 0.00	26.41 1.88 -0.13	28.98 2.10 0.00	29.63 2.47 0.00	33.31 2.76 -2.42	35.60 2.62 -4.49	34.37 2.57 -2.57	36.07 2.64 -0.77	37.74 2.70 0.00	43.83 3.05 -3.57	44.32 3.30 -1.25	48.56 3.26 -3.49	55.60 4.08 -3.46	60.47 4.77 -0.83	53.58 4.13 -0.85	45.11 3.23 0.00	43.11 2.82 0.00	38.72 2.60 0.00	34.49 2.72 -0.14	33.91 2.54 -2.51
NORTHPORT___2 23552	35.68 2.29 -5.49	30.20 2.16 -1.08	27.33 1.90 -0.11	25.26 1.47 -0.49	24.14 1.58 0.00	26.41 1.88 -0.13	28.98 2.10 0.00	29.63 2.47 0.00	33.31 2.76 -2.42	35.60 2.62 -4.49	34.37 2.57 -2.57	36.07 2.64 -0.77	37.74 2.70 0.00	43.83 3.05 -3.57	44.32 3.30 -1.25	48.56 3.26 -3.49	55.60 4.08 -3.46	60.47 4.77 -0.83	53.58 4.13 -0.85	45.11 3.23 0.00	43.11 2.82 0.00	38.72 2.60 0.00	34.49 2.72 -0.14	33.91 2.54 -2.51
NORTHPORT___3 23553	35.09 1.70 -5.49	29.55 1.51 -1.08	26.72 1.29 -0.11	24.70 0.91 -0.49	23.59 1.04 0.00	25.75 1.22 -0.13	28.33 1.45 0.00	29.00 1.85 0.00	32.69 2.14 -2.42	35.00 2.02 -4.49	34.04 2.25 -2.56	35.97 2.55 -0.77	37.66 2.63 0.01	43.68 2.90 -3.57	44.20 3.18 -1.24	48.78 3.14 -3.84	56.37 4.08 -4.23	60.85 4.66 -1.32	53.43 3.99 -0.85	44.85 2.97 0.01	42.90 2.62 0.01	38.53 2.42 0.01	34.04 2.28 -0.13	33.35 1.99 -2.50
NORTHPORT___4 23650	35.09 1.70 -5.49	29.55 1.51 -1.08	26.72 1.29 -0.11	24.70 0.91 -0.49	23.59 1.04 0.00	25.75 1.22 -0.13	28.33 1.45 0.00	29.00 1.85 0.00	32.69 2.14 -2.42	35.00 2.02 -4.49	34.04 2.25 -2.56	35.97 2.55 -0.77	37.66 2.63 0.01	43.68 2.90 -3.57	44.20 3.18 -1.24	48.78 3.14 -3.84	56.37 4.08 -4.23	60.85 4.66 -1.32	53.43 3.99 -0.85	44.85 2.97 0.01	42.90 2.62 0.01	38.53 2.42 0.01	34.04 2.28 -0.13	33.35 1.99 -2.50
NORTHPORT___IC 23718	35.68 2.29 -5.49	30.17 2.13 -1.08	27.33 1.90 -0.11	25.49 1.70 -0.49	24.14 1.58 0.00	26.41 1.88 -0.13	28.95 2.07 0.00	29.76 2.61 0.00	33.31 2.76 -2.42	35.88 2.91 -4.49	34.37 2.57 -2.57	36.04 2.61 -0.77	37.74 2.70 0.00	43.94 3.16 -3.57	44.32 3.30 -1.25	48.56 3.26 -3.49	55.60 4.09 -3.46	60.47 4.77 -0.83	53.63 4.18 -0.85	45.11 3.23 0.00	43.11 2.82 0.00	38.71 2.60 0.00	34.49 2.72 -0.14	33.91 2.54 -2.51
NORTH___COUNTRY_ESR 323785	27.46 -0.45 0.00	26.67 -0.30 0.00	25.30 -0.03 0.00	23.25 -0.05 0.00	22.49 -0.07 0.00	24.33 -0.07 0.00	26.80 -0.08 0.00	26.97 -0.19 0.00	27.96 -0.17 0.00	28.49 0.00 0.00	29.14 -0.09 0.00	32.59 -0.07 0.00	34.97 -0.07 0.00	37.28 0.07 0.00	39.89 0.12 0.00	41.89 0.08 0.00	47.55 -0.29 0.22	54.49 -0.38 0.00	48.26 -0.34 0.00	41.80 -0.08 0.00	40.13 -0.16 0.00	35.83 -0.29 0.00	31.16 -0.47 0.00	28.51 -0.35 0.00
NPX_GEN_1385_PROXY 323591	35.34 1.95 -5.49	30.07 2.02 -1.08	27.20 1.77 -0.11	25.19 1.40 -0.49	24.16 1.60 0.00	26.68 2.15 -0.13	29.00 2.12 0.00	29.55 2.39 0.00	33.20 2.64 -2.42	35.20 2.22 -4.49	34.02 2.22 -2.57	35.65 2.22 -0.77	37.32 2.28 0.00	43.31 2.53 -3.57	43.66 2.82 -1.06	48.37 2.88 -3.68	54.40 2.88 -3.46	59.10 3.40 -0.83	53.00 3.55 -0.85	44.94 3.06 0.00	42.99 2.70 0.00	38.50 2.38 0.00	34.30 2.53 -0.14	33.68 2.31 -2.51
NPX_GEN_CSC 323557	35.74 2.34 -5.49	30.20 2.16 -1.08	27.35 1.92 -0.11	25.19 1.40 -0.49	24.11 1.56 0.00	26.44 1.90 -0.13	28.98 2.10 0.00	29.55 2.39 0.00	33.11 2.56 -2.42	35.43 2.45 -4.49	34.58 2.78 -2.57	36.56 3.13 -0.77	38.34 3.29 0.00	44.51 3.72 -3.58	44.94 4.10 -1.07	49.99 4.14 -4.04	58.88 5.29 -5.53	64.54 6.14 -3.53	54.76 4.06 -0.86	45.96 3.55 -0.01	43.84 3.25 0.00	39.37 3.07 0.00	34.84 3.07 -0.14	34.02 2.65 -2.51
NSINS_S___GLNS_FALLS 23858	30.47 2.57 0.00	29.33 2.37 0.00	27.30 1.98 0.00	25.07 1.77 0.00	24.20 1.65 0.00	26.31 1.90 0.00	29.27 2.39 0.00	29.63 2.47 0.00	30.63 2.50 0.00	30.88 2.39 0.00	31.45 2.22 0.00	35.20 2.55 0.00	37.60 2.56 0.00	39.96 2.75 0.00	42.87 3.10 0.00	45.32 3.51 0.00	52.39 4.33 0.00	60.24 5.38 0.00	54.09 5.49 0.00	46.49 4.61 0.00	44.97 4.67 0.00	40.20 4.08 0.00	34.95 3.32 0.00	31.95 3.09 0.00
NUCOR_STEEL___DRP 24197	28.15 0.25 0.00	27.10 0.13 0.00	25.30 -0.03 0.00	23.20 -0.09 0.00	22.49 -0.07 0.00	24.40 0.00 0.00	26.91 0.03 0.00	27.27 0.11 0.00	28.24 0.11 0.00	28.57 0.09 0.00	29.40 0.18 0.00	32.91 0.26 0.00	35.46 0.42 0.00	37.43 0.22 0.00	40.01 0.24 0.00	42.31 0.50 0.00	48.85 0.82 0.03	55.69 0.82 0.00	49.47 0.87 0.00	42.22 0.34 0.00	40.70 0.40 0.00	36.48 0.36 0.00	31.91 0.28 0.00	29.06 0.20 0.00
NUMBER_THREE_WT_PWR 323818	27.88 -0.03 0.00	26.88 -0.08 0.00	25.22 -0.10 0.00	23.14 -0.16 0.00	22.42 -0.13 0.00	24.26 -0.15 0.00	26.77 -0.11 0.00	27.08 -0.08 0.00	27.93 -0.20 0.00	28.32 -0.17 0.00	28.93 -0.29 0.00	32.26 -0.39 0.00	34.62 -0.42 0.00	36.87 -0.34 0.00	39.30 -0.48 0.00	41.43 -0.38 0.00	47.30 -0.33 0.43	54.87 0.00 0.00	48.79 0.20 0.00	42.14 0.25 0.00	40.54 0.24 0.00	36.30 0.18 0.00	31.22 -0.41 0.00	28.43 -0.43 0.00
NYISO_LBMP_REFERENCE 24008	27.90 0.00 0.00	26.96 0.00 0.00	25.32 0.00 0.00	23.30 0.00 0.00	22.56 0.00 0.00	24.40 0.00 0.00	26.88 0.00 0.00	27.16 0.00 0.00	28.13 0.00 0.00	28.49 0.00 0.00	29.23 0.00 0.00	32.65 0.00 0.00	35.04 0.00 0.00	37.21 0.00 0.00	39.77 0.00 0.00	41.81 0.00 0.00	48.06 0.00 0.00	54.87 0.00 0.00	48.60 0.00 0.00	41.89 0.00 0.00	40.29 0.00 0.00	36.12 0.00 0.00	31.63 0.00 0.00	28.86 0.00 0.00

NYPA_BRENTWD____GT 24164	36.01	30.47	27.58	25.44	24.34	26.63	29.22	29.90	33.59	35.91	34.93	36.85	38.62	44.80	45.20	50.30	59.81	65.07	54.75	46.00	44.08	39.62	35.09	34.34
	2.62	2.43	2.15	1.65	1.78	2.10	2.34	2.74	3.04	2.94	3.13	3.43	3.58	3.98	4.17	4.22	5.29	6.09	5.30	4.11	3.79	3.47	3.32	2.97
	-5.49	-1.08	-0.11	-0.49	0.00	-0.13	0.00	0.00	-2.42	-4.49	-2.57	-0.77	0.00	-3.61	-1.25	-4.27	-6.46	-4.11	-0.86	0.00	0.00	-0.03	-0.14	-2.51
NYPA_GOWANUS____GT5 24156	30.03	28.82	26.87	24.55	23.82	25.72	28.65	29.36	30.60	30.86	32.04	35.83	41.56	40.63	43.47	45.36	83.94	66.30	53.12	45.49	43.76	39.01	34.52	31.43
	2.12	1.86	1.54	1.26	1.26	1.32	1.77	2.20	2.48	2.36	2.81	3.17	3.22	3.42	3.70	3.55	4.85	5.38	4.52	3.60	3.47	2.89	2.88	2.57
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-3.29	0.00	0.00	0.00	-31.03	-6.05	0.00	0.00	0.00	0.00	-0.02	-0.01
NYPA_GOWANUS____GT6 24157	30.03	28.82	26.87	24.55	23.82	25.72	28.65	29.36	30.60	30.86	32.04	35.83	41.56	40.63	43.47	45.36	83.94	66.30	53.12	45.49	43.76	39.01	34.52	31.43
	2.12	1.86	1.54	1.26	1.26	1.32	1.77	2.20	2.48	2.36	2.81	3.17	3.22	3.42	3.70	3.55	4.85	5.38	4.52	3.60	3.47	2.89	2.88	2.57
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-3.29	0.00	0.00	0.00	-31.03	-6.05	0.00	0.00	0.00	0.00	-0.02	-0.01
NYPA_HARLEM__RVR__GT1 24160	29.95	28.80	26.84	24.58	23.84	25.67	28.62	29.30	30.49	30.66	31.89	35.60	38.01	40.32	43.14	45.02	52.53	59.81	52.68	45.11	43.44	38.71	34.44	31.38
	2.04	1.83	1.52	1.28	1.29	1.27	1.75	2.14	2.36	2.16	2.66	2.94	2.98	3.13	3.38	3.22	4.47	4.94	4.08	3.23	3.14	2.60	2.81	2.51
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	-0.01
NYPA_HARLEM__RVR__GT2 24161	29.95	28.80	26.84	24.58	23.84	25.67	28.62	29.30	30.49	30.66	31.89	35.60	38.01	40.32	43.14	45.02	52.53	59.81	52.68	45.11	43.44	38.71	34.44	31.38
	2.04	1.83	1.52	1.28	1.29	1.27	1.75	2.14	2.36	2.16	2.66	2.94	2.98	3.13	3.38	3.22	4.47	4.94	4.08	3.23	3.14	2.60	2.81	2.51
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	-0.01
NYPA_KENT____GT 24152	29.95	28.77	26.81	24.51	23.80	25.72	28.62	29.33	30.57	30.83	31.98	35.76	36.55	40.56	43.35	45.27	37.26	57.06	52.92	45.36	43.63	38.93	34.44	31.35
	2.04	1.81	1.49	1.21	1.24	1.32	1.75	2.17	2.45	2.34	2.75	3.10	3.16	3.35	3.58	3.47	4.71	5.22	4.32	3.47	3.34	2.82	2.78	2.48
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	1.65	0.00	0.00	0.00	15.51	3.03	0.00	0.00	0.00	0.00	-0.02	-0.01
NYPA_POUCH1____GT 24155	30.01	28.82	26.84	24.51	23.77	25.67	28.57	29.25	30.49	30.78	31.92	35.73	41.42	40.52	43.31	45.24	83.85	66.18	52.98	45.36	43.63	38.90	34.43	31.38
	2.09	1.86	1.52	1.21	1.22	1.27	1.69	2.09	2.36	2.28	2.69	3.07	3.08	3.31	3.54	3.43	4.76	5.27	4.38	3.47	3.34	2.78	2.78	2.51
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-3.29	0.00	0.00	0.00	-31.03	-6.05	0.00	0.00	0.00	0.00	-0.02	-0.01
NYPA_VERNON____GT2 24162	29.84	28.69	26.76	24.48	23.75	25.69	28.62	29.30	30.52	30.78	31.92	35.66	38.13	40.52	43.31	45.24	52.63	59.91	52.83	45.24	43.55	38.90	34.35	31.23
	1.92	1.73	1.44	1.19	1.19	1.29	1.75	2.14	2.39	2.28	2.69	3.00	3.08	3.31	3.54	3.43	4.57	5.04	4.23	3.35	3.26	2.78	2.72	2.37
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA_VERNON____GT3 24163	29.84	28.69	26.76	24.48	23.75	25.69	28.62	29.30	30.52	30.78	31.92	35.66	38.13	40.52	43.31	45.24	52.63	59.91	52.83	45.24	43.55	38.90	34.35	31.23
	1.92	1.73	1.44	1.19	1.19	1.29	1.75	2.14	2.39	2.28	2.69	3.00	3.08	3.31	3.54	3.43	4.57	5.04	4.23	3.35	3.26	2.78	2.72	2.37
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA__ASTORIA_CC1 323568	29.84	28.69	26.76	24.48	23.75	25.67	28.60	29.28	30.49	30.75	31.89	35.66	38.09	40.44	43.23	45.15	52.58	59.86	52.73	45.20	43.52	38.86	34.32	31.23
	1.92	1.73	1.44	1.19	1.19	1.27	1.72	2.12	2.36	2.25	2.66	3.00	3.05	3.24	3.46	3.35	4.52	4.99	4.13	3.31	3.22	2.74	2.69	2.37
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA__ASTORIA_CC2 323569	29.84	28.69	26.76	24.48	23.75	25.67	28.60	29.28	30.49	30.75	31.89	35.66	38.09	40.44	43.23	45.15	52.58	59.86	52.73	45.20	43.52	38.86	34.32	31.23
	1.92	1.73	1.44	1.19	1.19	1.27	1.72	2.12	2.36	2.25	2.66	3.00	3.05	3.24	3.46	3.35	4.52	4.99	4.13	3.31	3.22	2.74	2.69	2.37
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA__HOLTSVILL 23794	35.74	30.20	27.35	25.23	24.14	26.41	28.95	29.60	33.25	35.57	34.63	36.53	38.26	44.40	44.97	49.56	58.52	64.05	54.42	45.75	43.68	39.30	34.84	34.08
	2.34	2.16	1.92	1.44	1.58	1.88	2.07	2.45	2.70	2.59	2.83	3.10	3.22	3.61	3.94	3.93	5.00	5.71	4.96	3.85	3.38	3.18	3.07	2.71
	-5.49	-1.08	-0.11	-0.49	0.00	-0.13	0.00	0.00	-2.42	-4.49	-2.57	-0.77	0.00	-3.58	-1.26	-3.82	-5.46	-3.48	-0.86	-0.01	0.00	0.00	-0.14	-2.51
NYPA____HELLGATE_GT1 24158	29.95	28.80	26.84	24.58	23.84	25.67	28.62	29.30	30.49	30.66	31.89	35.60	38.01	40.32	43.14	45.02	52.53	59.81	52.68	45.11	43.44	38.71	34.44	31.38
	2.04	1.83	1.52	1.28	1.29	1.27	1.75	2.14	2.36	2.16	2.66	2.94	2.98	3.13	3.38	3.22	4.47	4.94	4.08	3.23	3.14	2.60	2.81	2.51
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	-0.01
NYPA____HELLGATE_GT2 24159	29.95	28.80	26.84	24.58	23.84	25.67	28.62	29.30	30.49	30.66	31.89	35.60	38.01	40.32	43.14	45.02	52.53	59.81	52.68	45.11	43.44	38.71	34.44	31.38
	2.04	1.83	1.52	1.28	1.29	1.27	1.75	2.14	2.36	2.16	2.66	2.94	2.98	3.13	3.38	3.22	4.47	4.94	4.08	3.23	3.14	2.60	2.81	2.51
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	-0.01
NYS_BARGE__HYD 23848	27.32	26.10	24.03	22.36	21.32	23.35	25.45	26.21	27.37	28.72	28.70	31.64	34.83	36.01	37.66	40.18	47.25	53.44	47.14	38.79	37.99	34.45	30.40	27.79
	-0.59	-0.86	-1.29	-0.93	-1.24	-1.05	-1.43	-0.95	-0.76	0.23	-0.53	-1.01	-0.21	-1.19	-2.11	-1.63	-0.82	-1.43	-1.46	-2.56	-2.26	-1.66	-1.23	-1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.04	0.01	0.00	0.00

OAK ORCHARD___HYD 24046	27.74 -0.17 0.00	26.58 -0.38 0.00	24.61 -0.71 0.00	22.78 -0.51 0.00	21.83 -0.72 0.00	23.84 -0.56 0.00	26.15 -0.72 0.00	26.75 -0.41 0.00	27.82 -0.31 0.00	28.77 0.28 0.00	29.08 -0.15 0.00	32.26 -0.39 0.00	35.18 0.14 0.00	36.83 -0.37 0.01	38.97 -0.80 0.01	41.43 -0.38 0.00	48.25 0.19 0.00	54.87 0.00 0.00	48.45 -0.15 0.00	40.56 -0.75 0.57	39.60 -0.65 0.05	35.53 -0.58 0.01	31.19 -0.44 0.00	28.43 -0.43 0.00
OAKDALE___35_KV_LOAD 356122	28.32 0.42 0.00	27.23 0.27 0.00	25.40 0.08 0.00	23.32 0.02 0.00	22.60 0.05 0.00	24.52 0.12 0.00	26.99 0.11 0.00	27.48 0.33 0.00	28.49 0.37 0.00	28.83 0.34 0.00	29.69 0.47 0.00	33.17 0.52 0.00	35.74 0.70 0.00	37.65 0.45 0.00	40.25 0.48 0.00	42.48 0.67 0.00	49.22 1.15 0.00	56.07 1.21 0.00	49.57 0.97 0.00	42.02 0.29 0.16	40.60 0.32 0.01	36.51 0.40 0.00	32.01 0.38 0.00	29.15 0.29 0.00
OCC_CHEM___DRP 24175	26.68 -1.23 0.00	25.59 -1.38 0.00	23.47 -1.85 0.00	21.46 -1.84 0.00	20.91 -1.65 0.00	22.82 -1.59 0.00	24.65 -2.23 0.00	25.26 -1.90 0.00	26.75 -1.38 0.00	26.44 -2.05 0.00	27.85 -1.37 0.00	30.86 -1.80 0.00	33.96 -1.09 0.00	34.30 -2.90 0.00	36.59 -3.18 0.00	39.05 -2.76 -0.01	45.90 -2.16 -0.01	51.90 -2.96 0.00	45.68 -2.92 0.00	37.82 -3.52 0.54	37.06 -3.18 0.04	33.58 -2.53 0.01	29.70 -1.93 0.00	27.16 -1.70 0.00
OH_GEN_PROXY 24063	26.90 -1.00 0.00	25.78 -1.19 0.00	23.70 -1.62 0.00	22.11 -1.19 0.00	21.07 -1.49 0.00	23.06 -1.34 0.00	25.10 -1.77 0.00	25.80 -1.36 0.00	26.95 -1.18 0.00	28.26 -0.23 0.00	28.26 -0.96 0.00	31.12 -1.53 0.00	34.30 -0.84 -0.10	35.24 -1.86 0.11	36.79 -2.79 0.20	39.65 -2.34 -0.19	46.33 -1.73 0.00	52.45 -2.41 0.00	46.27 -2.33 0.00	38.19 -3.14 0.55	37.43 -2.82 0.05	33.90 -2.20 0.01	29.95 -1.68 0.00	27.36 -1.50 0.00
OLIN_CORP_DRP 24177	26.84 -1.06 0.00	25.69 -1.27 0.00	23.60 -1.72 0.00	21.55 -1.75 0.00	21.00 -1.56 0.00	22.94 -1.46 0.00	24.81 -2.07 0.00	25.42 -1.74 0.00	26.89 -1.24 0.00	26.58 -1.91 0.00	28.00 -1.23 0.00	31.05 -1.60 0.00	34.17 -0.88 0.00	34.56 -2.64 0.00	36.87 -2.90 0.00	39.35 -2.47 -0.01	46.24 -1.83 -0.01	52.29 -2.58 0.00	46.02 -2.58 0.00	38.04 -3.31 0.54	37.27 -2.98 0.04	33.80 -2.31 0.01	29.86 -1.77 0.00	27.30 -1.56 0.00
OLIN_CORP_DSASP 323712	26.70 -1.20 0.00	25.59 -1.37 0.00	23.52 -1.80 0.00	21.95 -1.35 0.00	20.91 -1.65 0.00	22.89 -1.51 0.00	24.89 -1.99 0.00	25.58 -1.58 0.00	26.75 -1.38 0.00	28.09 -0.40 0.00	28.06 -1.17 0.00	30.86 -1.80 0.00	33.99 -1.05 0.00	35.05 -2.16 0.00	36.59 -3.18 0.00	39.10 -2.72 -0.01	45.90 -2.16 -0.01	51.90 -2.96 0.00	45.78 -2.82 0.00	37.83 -3.52 0.54	37.02 -3.22 0.04	33.58 -2.53 0.01	29.70 -1.93 0.00	27.16 -1.70 0.00
ONEIDA_HERK_LFGE 323681	28.43 0.53 0.00	27.39 0.43 0.00	25.65 0.33 0.00	23.55 0.26 0.00	22.81 0.25 0.00	24.70 0.29 0.00	27.25 0.38 0.00	27.62 0.46 0.00	28.55 0.42 0.00	28.92 0.43 0.00	29.61 0.38 0.00	33.01 0.36 0.00	35.46 0.42 0.00	37.77 0.56 0.00	40.25 0.48 0.00	42.39 0.58 0.00	48.77 0.91 0.20	56.18 1.31 0.00	49.82 1.22 0.00	42.85 0.96 0.00	41.22 0.93 0.00	36.91 0.79 0.00	32.01 0.38 0.00	29.18 0.32 0.00
ONEIDA___115KV_TB4 55905	28.88 0.98 0.00	27.77 0.81 0.00	25.98 0.66 0.00	23.83 0.54 0.00	23.08 0.52 0.00	24.99 0.59 0.00	27.58 0.70 0.00	27.97 0.81 0.00	28.94 0.82 0.00	29.29 0.80 0.00	30.04 0.82 0.00	33.53 0.88 0.00	36.09 1.05 0.00	38.32 1.12 0.00	40.88 1.11 0.00	43.10 1.30 0.00	49.80 1.83 0.08	57.17 2.30 0.00	50.59 1.99 0.00	43.23 1.47 0.12	41.69 1.41 0.01	37.34 1.23 0.00	32.55 0.92 0.00	29.64 0.78 0.00
ONONDAGA_REF_OCCRA 23987	27.90 0.00 0.00	26.85 -0.11 0.00	25.09 -0.23 0.00	23.04 -0.26 0.00	22.33 -0.23 0.00	24.18 -0.22 0.00	26.66 -0.22 0.00	27.02 -0.14 0.00	27.99 -0.14 0.00	28.35 -0.14 0.00	29.17 -0.06 0.00	32.65 0.00 0.00	35.15 0.11 0.00	37.17 -0.04 0.00	39.69 -0.08 0.00	41.89 0.08 0.00	48.31 0.29 0.04	55.14 0.27 0.00	48.99 0.39 0.00	41.75 0.04 0.18	40.36 0.08 0.01	36.19 0.07 0.00	31.66 0.03 0.00	28.83 -0.03 0.00
ONONDAGA___COGEN 23986	28.10 0.20 0.00	27.04 0.08 0.00	25.27 -0.05 0.00	23.20 -0.09 0.00	22.47 -0.09 0.00	24.35 -0.05 0.00	26.88 0.00 0.00	27.21 0.05 0.00	28.16 0.03 0.00	28.52 0.03 0.00	29.34 0.12 0.00	32.85 0.20 0.00	35.36 0.32 0.00	37.39 0.19 0.00	39.97 0.20 0.00	42.18 0.38 0.00	48.60 0.58 0.03	55.42 0.55 0.00	49.04 0.44 0.00	41.97 0.08 0.00	40.41 0.12 0.00	36.22 0.11 0.00	31.69 0.06 0.00	28.89 0.03 0.00
ONTARIO___LFGE 23819	28.27 0.36 0.00	27.07 0.11 0.00	25.12 -0.20 0.00	23.16 -0.14 0.00	22.29 -0.27 0.00	24.33 -0.07 0.00	26.83 -0.05 0.00	27.43 0.27 0.00	28.35 0.22 0.00	29.23 0.74 0.00	29.64 0.41 0.00	33.08 0.42 0.00	35.85 0.81 0.00	37.50 0.30 0.00	39.81 0.04 0.00	42.27 0.46 0.00	49.26 1.20 0.00	56.07 1.21 0.00	49.52 0.92 0.00	41.37 -0.17 0.35	40.18 -0.08 0.03	36.29 0.18 0.01	31.79 0.16 0.00	28.92 0.06 0.00
ORANGEVILLE_WT_PWR 323706	27.60 -0.31 0.00	26.37 -0.59 0.00	24.28 -1.04 0.00	22.55 -0.75 0.00	21.52 -1.04 0.00	23.57 -0.83 0.00	25.72 -1.15 0.00	26.48 -0.68 0.00	27.54 -0.59 0.00	28.83 0.34 0.00	28.93 -0.29 0.00	32.03 -0.62 0.00	35.18 0.14 0.00	36.46 -0.74 0.00	38.18 -1.59 0.00	40.77 -1.04 -0.01	47.92 -0.14 -0.01	54.21 -0.66 0.00	47.77 -0.83 0.00	39.07 -2.34 0.48	38.16 -2.10 0.04	34.70 -1.41 0.01	30.55 -1.08 0.00	27.88 -0.98 0.00
ORANGEVILLE___ESR 323794	27.60 -0.31 0.00	26.37 -0.59 0.00	24.28 -1.04 0.00	22.55 -0.75 0.00	21.52 -1.04 0.00	23.57 -0.83 0.00	25.72 -1.15 0.00	26.48 -0.68 0.00	27.54 -0.59 0.00	28.83 0.34 0.00	28.93 -0.29 0.00	32.03 -0.62 0.00	35.18 0.14 0.00	36.46 -0.74 0.00	38.18 -1.59 0.00	40.77 -1.04 -0.01	47.92 -0.14 -0.01	54.21 -0.66 0.00	47.77 -0.83 0.00	39.07 -2.34 0.48	38.16 -2.10 0.04	34.70 -1.41 0.01	30.55 -1.08 0.00	27.88 -0.98 0.00
OSWEGATCHIE___HYD 24044	27.04 -0.87 0.00	26.15 -0.81 0.00	24.64 -0.68 0.00	22.62 -0.68 0.00	21.93 -0.63 0.00	23.72 -0.68 0.00	26.13 -0.75 0.00	26.32 -0.84 0.00	27.17 -0.96 0.00	27.58 -0.91 0.00	28.18 -1.05 0.00	31.38 -1.27 0.00	33.57 -1.47 0.00	35.83 -1.38 0.00	38.22 -1.55 0.00	40.22 -1.59 0.00	44.86 -2.21 0.99	52.61 -2.25 0.00	46.80 -1.80 0.00	40.80 -1.09 0.00	39.24 -1.05 0.00	35.10 -1.01 0.00	30.43 -1.20 0.00	27.88 -0.98 0.00
OSWEGO___5 23606	27.49 -0.42 0.00	26.48 -0.48 0.00	24.76 -0.56 0.00	22.83 -0.47 0.00	22.06 -0.50 0.00	23.89 -0.51 0.00	26.34 -0.54 0.00	26.61 -0.54 0.00	27.57 -0.56 0.00	28.03 -0.46 0.00	28.70 -0.53 0.00	32.03 -0.62 0.00	34.45 -0.60 0.00	36.52 -0.71 -0.02	39.00 -0.80 -0.02	41.05 -0.75 0.00	47.39 -0.67 0.00	54.05 -0.82 0.00	47.82 -0.78 0.00	42.65 -0.84 -1.60	39.62 -0.81 -0.13	35.42 -0.72 -0.02	31.03 -0.60 0.00	28.28 -0.58 0.00

OSWEGO___6 23613	27.49 -0.42 0.00	26.48 -0.48 0.00	24.76 -0.56 0.00	22.83 -0.47 0.00	22.06 -0.50 0.00	23.89 -0.51 0.00	26.34 -0.54 0.00	26.61 -0.54 0.00	27.57 -0.56 0.00	28.03 -0.46 0.00	28.70 -0.53 0.00	32.03 -0.62 0.00	34.45 -0.60 0.00	36.52 -0.71 -0.02	39.00 -0.80 -0.02	41.05 -0.75 0.00	47.39 -0.67 0.00	54.05 -0.82 0.00	47.82 -0.78 0.00	42.65 -0.84 -1.60	39.62 -0.81 -0.13	35.42 -0.72 -0.02	31.03 -0.60 0.00	28.28 -0.58 0.00
OUTOKUMPU-AB___DRP 24206	27.48 -0.42 0.00	26.29 -0.67 0.00	24.13 -1.19 0.00	22.02 -1.28 0.00	21.47 -1.08 0.00	23.45 -0.95 0.00	25.37 -1.51 0.00	26.07 -1.09 0.00	27.57 -0.56 0.00	27.29 -1.20 0.00	28.76 -0.47 0.00	31.93 -0.72 0.00	35.15 0.11 0.00	35.64 -1.56 0.00	38.02 -1.75 0.00	40.56 -1.25 -0.01	47.68 -0.38 -0.01	53.88 -0.99 0.00	47.43 -1.17 0.00	38.96 -2.39 0.53	38.15 -2.10 0.04	34.63 -1.48 0.01	30.55 -1.08 0.00	27.93 -0.92 0.00
OXBOW___BTM 323836	27.12 -0.78 0.00	25.94 -1.02 0.00	23.88 -1.44 0.00	22.23 -1.07 0.00	21.20 -1.35 0.00	23.21 -1.20 0.00	25.27 -1.61 0.00	26.02 -1.14 0.00	27.20 -0.93 0.00	28.58 0.09 0.00	28.52 -0.70 0.00	31.44 -1.21 0.00	34.62 -0.42 0.00	35.79 -1.41 0.00	37.38 -2.39 0.00	39.89 -1.92 -0.01	46.91 -1.15 -0.01	53.00 -1.87 0.00	46.70 -1.90 0.00	38.41 -2.93 0.54	37.63 -2.62 0.04	34.16 -1.95 0.01	30.14 -1.49 0.00	27.59 -1.27 0.00
OXBOW____ 24026	27.12 -0.78 0.00	25.94 -1.02 0.00	23.80 -1.52 0.00	21.74 -1.56 0.00	21.20 -1.35 0.00	23.16 -1.24 0.00	25.02 -1.85 0.00	25.69 -1.47 0.00	27.20 -0.93 0.00	26.89 -1.60 0.00	28.35 -0.88 0.00	31.44 -1.21 0.00	34.62 -0.42 0.00	35.05 -2.16 0.00	37.38 -2.39 0.00	39.89 -1.92 -0.01	46.91 -1.15 -0.01	53.00 -1.87 0.00	46.66 -1.94 0.00	38.46 -2.89 0.54	37.63 -2.62 0.04	34.16 -1.95 0.01	30.14 -1.49 0.00	27.59 -1.27 0.00
OXY_CHEM_DSASP 323612	26.68 -1.23 0.00	25.59 -1.38 0.00	23.47 -1.85 0.00	21.46 -1.84 0.00	20.91 -1.65 0.00	22.82 -1.59 0.00	24.65 -2.23 0.00	25.26 -1.90 0.00	26.75 -1.38 0.00	26.44 -2.05 0.00	27.85 -1.37 0.00	30.86 -1.80 0.00	33.96 -1.09 0.00	34.30 -2.90 0.00	36.59 -3.18 0.00	39.05 -2.76 -0.01	45.90 -2.16 -0.01	51.90 -2.96 0.00	45.68 -2.92 0.00	37.82 -3.52 0.54	37.06 -3.18 0.04	33.58 -2.53 0.01	29.70 -1.93 0.00	27.16 -1.70 0.00
OZONE_PARK_ESR 323760	29.97 2.06 0.00	28.79 1.83 0.00	26.89 1.57 0.00	24.67 1.37 0.00	23.87 1.31 0.00	25.89 1.49 0.00	28.76 1.88 0.00	29.55 2.39 0.00	30.72 2.59 0.00	31.37 2.88 0.00	32.09 2.86 0.00	35.85 3.20 0.00	38.41 3.36 0.00	40.93 3.72 0.00	43.63 3.86 0.00	45.61 3.80 0.00	53.16 5.09 0.00	60.57 5.71 0.00	53.46 4.86 0.00	45.66 3.77 0.00	44.00 3.71 0.00	39.26 3.14 0.00	34.54 2.91 0.00	31.40 2.54 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	26.68 -1.23 0.00	25.59 -1.38 0.00	23.47 -1.85 0.00	21.46 -1.84 0.00	20.91 -1.65 0.00	22.82 -1.59 0.00	24.65 -2.23 0.00	25.26 -1.90 0.00	26.75 -1.38 0.00	26.44 -2.05 0.00	27.85 -1.37 0.00	30.86 -1.80 0.00	33.96 -1.09 0.00	34.30 -2.90 0.00	36.59 -3.18 0.00	39.05 -2.76 -0.01	45.90 -2.16 -0.01	51.90 -2.96 0.00	45.68 -2.92 0.00	37.82 -3.52 0.54	37.06 -3.18 0.04	33.58 -2.53 0.01	29.70 -1.93 0.00	27.16 -1.70 0.00
PACKARD___115KV_DUPONT_184 80571	26.68 -1.23 0.00	25.59 -1.38 0.00	23.47 -1.85 0.00	21.46 -1.84 0.00	20.91 -1.65 0.00	22.82 -1.59 0.00	24.65 -2.23 0.00	25.26 -1.90 0.00	26.75 -1.38 0.00	26.44 -2.05 0.00	27.85 -1.37 0.00	30.86 -1.80 0.00	33.96 -1.09 0.00	34.30 -2.90 0.00	36.59 -3.18 0.00	39.05 -2.76 -0.01	45.90 -2.16 -0.01	51.90 -2.96 0.00	45.68 -2.92 0.00	37.82 -3.52 0.54	37.06 -3.18 0.04	33.58 -2.53 0.01	29.70 -1.93 0.00	27.16 -1.70 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	29.92 2.01 -0.01	28.74 1.78 0.00	26.79 1.47 0.00	24.60 1.30 0.00	23.80 1.24 0.00	25.65 1.24 0.00	28.52 1.64 0.00	29.30 2.15 0.00	30.41 2.28 0.00	31.09 2.59 -0.01	31.84 2.60 -0.01	35.53 2.87 -0.01	37.95 2.91 0.00	40.48 3.27 0.00	43.11 3.34 0.00	44.98 3.18 0.00	52.48 4.42 0.00	59.75 4.88 0.00	52.63 4.03 0.00	45.07 3.18 0.00	43.39 3.10 0.00	38.72 2.60 0.00	34.38 2.75 0.00	31.32 2.45 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	30.20 2.29 -0.01	28.98 2.02 0.00	27.04 1.72 0.00	24.81 1.51 0.00	24.00 1.44 0.00	25.87 1.46 0.00	28.73 1.85 0.00	29.49 2.34 0.00	30.60 2.48 0.00	31.26 2.76 -0.01	31.98 2.75 -0.01	35.70 3.04 -0.01	38.13 3.08 0.00	40.67 3.46 0.00	43.31 3.54 0.00	45.23 3.43 0.00	52.77 4.71 0.00	60.08 5.21 0.00	52.97 4.37 0.00	45.36 3.48 0.00	43.64 3.34 0.00	38.93 2.82 0.00	34.57 2.94 0.00	31.49 2.63 -0.01
PATROON___115KV_TB1 80586	28.63 0.73 0.00	27.66 0.70 0.00	25.85 0.53 0.00	23.86 0.56 0.00	23.08 0.52 0.00	24.94 0.54 0.00	27.55 0.67 0.00	27.97 0.81 0.00	28.94 0.82 0.00	29.26 0.77 0.00	29.99 0.76 0.00	33.53 0.88 0.00	35.88 0.84 0.00	38.21 1.00 0.00	40.92 1.15 0.00	42.98 1.17 0.00	49.55 1.49 0.00	56.73 1.87 0.00	50.30 1.70 0.00	43.31 1.42 0.00	41.66 1.37 0.00	37.38 1.26 0.00	32.90 1.27 0.00	30.04 1.18 0.00
PATTRSNVILLE___SOLAR 323815	29.30 1.39 0.00	28.23 1.27 0.00	26.36 1.04 0.00	24.23 0.93 0.00	23.46 0.90 0.00	25.40 1.00 0.00	28.14 1.26 0.00	28.41 1.25 0.00	29.31 1.18 0.00	29.40 0.91 0.00	30.16 0.93 0.00	33.73 1.08 0.00	36.13 1.09 0.00	38.43 1.23 0.00	41.20 1.43 0.00	43.44 1.63 0.00	50.32 2.26 0.00	57.88 3.02 0.00	51.42 2.82 0.00	44.19 2.30 0.00	42.59 2.30 0.00	38.14 2.02 0.00	33.37 1.74 0.00	30.44 1.59 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	27.79 -0.11 0.00	26.53 -0.43 0.00	24.38 -0.94 0.00	22.25 -1.05 0.00	21.68 -0.88 0.00	23.72 -0.68 0.00	25.72 -1.16 0.00	26.45 -0.71 0.00	27.88 -0.25 0.00	27.72 -0.77 0.00	29.14 -0.09 0.00	32.46 -0.20 0.00	35.64 0.60 0.00	36.20 -1.00 0.00	38.66 -1.11 0.00	41.19 -0.63 -0.01	48.64 0.58 -0.01	54.92 0.05 0.00	48.31 -0.29 0.00	38.66 -2.72 0.51	38.07 -2.18 0.04	35.02 -1.08 0.01	30.87 -0.76 0.00	28.28 -0.58 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	29.83 1.93 0.00	28.69 1.73 0.00	26.82 1.49 0.00	24.58 1.28 0.00	23.80 1.24 0.00	25.74 1.34 0.00	28.57 1.69 0.00	29.25 2.09 0.00	30.41 2.28 0.00	30.91 2.42 0.00	31.74 2.51 0.00	35.46 2.81 0.00	38.13 3.08 0.00	40.70 3.50 0.00	43.55 3.78 0.00	45.57 3.76 0.00	52.72 4.66 0.00	60.19 5.32 0.00	53.12 4.52 0.00	45.36 3.48 0.00	43.68 3.38 0.00	39.01 2.89 0.00	34.10 2.47 0.00	31.08 2.22 0.00
PEEKSKILL____ 23653	29.47 1.56 0.00	28.36 1.40 0.00	26.51 1.19 0.00	24.25 0.96 0.00	23.55 0.99 0.00	25.50 1.10 0.00	28.33 1.45 0.00	28.92 1.76 0.00	30.07 1.94 0.00	30.34 1.85 0.00	31.33 2.11 0.00	35.03 2.38 0.00	37.49 2.45 0.00	39.89 2.68 0.00	42.71 2.94 0.00	44.69 2.88 0.00	51.91 3.85 0.00	59.20 4.33 0.00	52.29 3.69 0.00	44.74 2.85 0.00	43.03 2.74 0.00	38.46 2.35 0.00	33.78 2.15 0.00	30.76 1.90 0.00

PGE MADISON___WINDPWR 24146	30.53 2.62 0.00	29.28 2.32 0.00	27.24 1.92 0.00	24.95 1.65 0.00	24.14 1.58 0.00	26.18 1.78 0.00	29.00 2.12 0.00	29.55 2.39 0.00	30.35 2.22 0.00	30.88 2.39 0.00	31.39 2.16 0.00	34.94 2.28 0.00	37.74 2.70 0.00	40.11 2.90 0.00	42.59 2.82 0.00	45.19 3.38 0.00	52.63 4.57 0.00	60.57 5.71 0.00	53.75 5.15 0.00	45.57 3.81 0.13	43.91 3.63 0.01	39.25 3.14 0.00	34.03 2.40 0.00	30.96 2.11 0.00
PIERCEFIELD___HYD 23852	26.87 -1.03 0.00	26.10 -0.86 0.00	24.74 -0.58 0.00	22.76 -0.54 0.00	22.02 -0.54 0.00	23.82 -0.59 0.00	26.26 -0.62 0.00	26.29 -0.87 0.00	27.14 -0.98 0.00	27.61 -0.88 0.00	28.14 -1.08 0.00	31.31 -1.34 0.00	33.43 -1.61 0.00	35.72 -1.49 0.00	38.14 -1.63 0.00	40.09 -1.71 0.00	43.67 -2.93 1.46	51.57 -3.29 0.00	45.83 -2.77 0.00	40.38 -1.51 0.00	38.80 -1.49 0.00	34.78 -1.34 0.00	30.30 -1.33 0.00	27.93 -0.92 0.00
PINELAWN_CC_1 323563	35.76 2.37 -5.49	30.23 2.18 -1.08	27.33 1.90 -0.11	25.23 1.44 -0.49	24.11 1.56 0.00	26.36 1.83 -0.13	28.98 2.10 0.00	29.63 2.47 0.00	33.34 2.79 -2.42	35.68 2.71 -4.49	34.75 2.95 -2.57	36.72 3.30 -0.77	38.16 3.12 0.00	44.23 3.42 -3.61	44.64 3.62 -1.25	51.82 3.55 -6.46	63.88 4.57 -11.25	67.29 5.27 -7.16	53.97 4.52 -0.85	45.32 3.44 0.00	43.52 3.22 0.00	39.12 3.00 0.00	34.87 3.10 -0.14	34.14 2.77 -2.51
PJM_GEN_HTP_PROXY 323702	29.63 1.73 0.00	28.52 1.56 0.00	26.64 1.32 0.00	24.37 1.07 0.00	23.66 1.11 0.00	25.65 1.24 0.00	28.52 1.64 0.00	29.17 2.01 0.00	30.38 2.25 0.00	30.65 2.16 0.00	31.71 2.48 0.00	35.46 2.81 0.00	37.95 2.91 0.00	40.33 3.13 0.00	42.93 3.34 0.19	45.26 3.26 -0.19	52.43 4.37 0.00	59.81 4.94 0.00	52.78 4.18 0.00	45.11 3.23 0.00	43.44 3.14 0.00	38.83 2.71 0.00	34.13 2.50 0.00	31.05 2.19 0.00
PJM_GEN_KEystone 24065	27.50 0.36 0.77	26.90 0.19 0.25	23.49 -0.10 1.73	22.40 -0.07 0.83	22.40 -0.16 0.00	24.40 0.00 0.00	26.91 0.03 0.00	27.57 0.41 0.00	28.64 0.51 0.00	29.34 0.85 0.00	29.98 0.76 0.00	33.37 0.72 0.00	36.02 0.98 0.00	37.91 0.71 0.00	40.06 0.48 0.19	42.70 0.71 -0.19	49.65 1.58 0.00	56.40 1.53 0.00	49.82 1.22 0.00	41.70 0.04 0.23	40.39 0.12 0.02	36.40 0.29 0.00	32.04 0.41 0.00	29.21 0.35 0.00
PJM_GEN_NEPTUNE_PROXY 323594	32.80 1.95 -2.95	29.32 1.78 -0.58	26.90 1.52 -0.06	24.72 1.16 -0.26	23.82 1.26 0.00	25.94 1.46 -0.07	28.62 1.75 0.00	29.28 2.12 0.00	31.82 2.39 -1.30	33.21 2.31 -2.41	33.18 2.57 -1.38	35.94 2.87 -0.42	38.02 2.98 0.00	42.35 3.24 -1.91	43.76 3.50 -0.48	46.17 3.47 -0.89	52.58 4.52 0.00	59.97 5.10 0.00	53.43 4.38 -0.46	45.24 3.35 0.00	43.32 3.02 0.00	38.90 2.78 0.00	34.33 2.62 -0.07	32.54 2.34 -1.35
PJM_GEN_VFT_PROXY 323633	29.55 1.65 0.00	28.42 1.45 0.00	26.54 1.22 0.00	24.32 1.02 0.00	23.59 1.04 0.00	25.60 1.20 0.00	28.44 1.56 0.00	29.11 1.96 0.00	30.32 2.20 0.00	30.60 2.11 0.00	31.65 2.42 0.00	35.39 2.74 0.00	37.92 2.87 0.00	40.26 3.05 0.00	42.80 3.22 0.19	45.09 3.09 -0.19	52.29 4.23 0.00	59.59 4.72 0.00	52.59 3.99 0.00	44.94 3.06 0.00	43.35 3.06 0.00	38.79 2.67 0.00	34.10 2.47 0.00	30.99 2.14 0.00
PLATSBURG_115KV_PMLD1 355749	28.18 0.28 0.00	27.39 0.43 0.00	25.95 0.63 0.00	23.90 0.61 0.00	23.05 0.50 0.00	24.96 0.56 0.00	27.63 0.75 0.00	27.78 0.62 0.00	28.78 0.65 0.00	29.34 0.85 0.00	29.96 0.73 0.00	33.50 0.85 0.00	36.02 0.98 0.00	38.40 1.19 0.00	41.08 1.31 0.00	43.19 1.38 0.00	49.29 1.35 0.12	56.29 1.43 0.00	49.86 1.26 0.00	43.06 1.17 0.00	41.34 1.05 0.00	36.84 0.72 0.00	31.95 0.32 0.00	29.32 0.46 0.00
PLEASANTVLY___LBMP 24000	29.30 1.40 0.00	28.23 1.27 0.00	26.38 1.06 0.00	24.25 0.96 0.00	23.48 0.92 0.00	25.40 1.00 0.00	28.14 1.26 0.00	28.79 1.63 0.00	29.84 1.72 0.00	30.34 1.85 0.00	31.07 1.84 0.00	34.71 2.06 0.00	37.15 2.10 0.00	39.59 2.38 0.00	42.28 2.51 0.00	44.27 2.47 0.00	51.28 3.22 0.00	58.54 3.68 0.00	51.76 3.16 0.00	44.36 2.47 0.00	42.67 2.38 0.00	38.25 2.13 0.00	33.56 1.93 0.00	30.59 1.73 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.58 1.67 0.00	28.44 1.48 0.00	26.59 1.27 0.00	24.42 1.12 0.00	23.62 1.06 0.00	25.60 1.20 0.00	28.38 1.51 0.00	29.09 1.93 0.00	30.18 2.05 0.00	30.74 2.25 0.00	31.48 2.25 0.00	35.17 2.51 0.00	37.67 2.63 0.00	40.15 2.94 0.00	42.87 3.10 0.00	44.86 3.05 0.00	52.10 4.04 0.00	59.42 4.55 0.00	52.49 3.89 0.00	44.90 3.02 0.00	43.19 2.90 0.00	38.64 2.53 0.00	33.91 2.28 0.00	30.88 2.02 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.58 1.67 0.00	28.44 1.48 0.00	26.59 1.27 0.00	24.42 1.12 0.00	23.62 1.06 0.00	25.60 1.20 0.00	28.38 1.51 0.00	29.09 1.93 0.00	30.18 2.05 0.00	30.74 2.25 0.00	31.48 2.25 0.00	35.17 2.51 0.00	37.67 2.63 0.00	40.15 2.94 0.00	42.87 3.10 0.00	44.86 3.05 0.00	52.10 4.04 0.00	59.42 4.55 0.00	52.49 3.89 0.00	44.90 3.02 0.00	43.19 2.90 0.00	38.64 2.53 0.00	33.91 2.28 0.00	30.88 2.02 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.52 1.62 0.00	28.42 1.46 0.00	26.59 1.27 0.00	24.42 1.12 0.00	23.62 1.06 0.00	25.55 1.15 0.00	28.20 1.32 0.00	28.81 1.66 0.00	29.87 1.74 0.00	30.34 1.85 0.00	31.10 1.87 0.00	34.74 2.09 0.00	37.25 2.21 0.00	39.70 2.49 0.00	42.40 2.62 0.00	44.44 2.63 0.00	51.81 3.75 0.00	59.15 4.28 0.00	52.29 3.69 0.00	44.78 2.89 0.00	43.11 2.82 0.00	38.57 2.46 0.00	33.78 2.15 0.00	30.76 1.90 0.00
POLETTI___ 23519	29.63 1.73 0.00	28.50 1.54 0.00	26.61 1.29 0.00	24.46 1.16 0.00	23.66 1.11 0.00	25.65 1.24 0.00	28.46 1.59 0.00	29.22 2.06 0.00	30.37 2.25 0.01	31.03 2.54 0.00	31.71 2.48 0.00	35.46 2.81 0.00	37.94 2.91 0.02	40.43 3.24 0.02	43.10 3.34 0.02	45.01 3.22 0.02	52.43 4.37 0.01	59.74 4.88 0.01	52.72 4.13 0.01	45.06 3.18 0.01	43.43 3.14 0.01	38.79 2.67 0.00	34.13 2.50 0.00	31.05 2.19 0.00
POMONA___ESR 323819	29.41 1.51 0.00	28.31 1.35 0.00	26.46 1.14 0.00	24.23 0.93 0.00	23.50 0.95 0.00	25.47 1.07 0.00	28.28 1.40 0.00	28.87 1.71 0.00	29.98 1.86 0.00	30.29 1.80 0.00	31.27 2.05 0.00	34.94 2.28 0.00	37.39 2.35 0.00	39.77 2.57 0.00	42.60 2.82 0.00	44.65 2.84 0.00	51.81 3.75 0.00	59.09 4.23 0.00	52.20 3.60 0.00	44.65 2.76 0.00	42.91 2.62 0.00	38.36 2.24 0.00	33.72 2.09 0.00	30.71 1.85 0.00
PORT_JEFF_3 23555	35.79 2.40 -5.49	30.25 2.21 -1.08	27.38 1.95 -0.11	25.26 1.47 -0.49	24.16 1.60 0.00	26.44 1.90 -0.13	29.00 2.12 0.00	29.65 2.50 0.00	33.31 2.76 -2.42	35.63 2.65 -4.49	34.72 2.92 -2.57	36.56 3.13 -0.77	38.30 3.26 0.00	44.36 3.57 -3.58	44.93 3.90 -1.26	49.51 3.84 -3.86	58.50 4.90 -5.53	63.99 5.60 -3.53	54.32 4.86 -0.86	45.71 3.81 -0.01	43.68 3.38 0.00	39.41 3.29 0.00	34.96 3.19 -0.14	34.20 2.83 -2.51

PORT_JEFF_4 23616	35.79 2.40 -5.49	30.25 2.21 -1.08	27.38 1.95 -0.11	25.26 1.47 -0.49	24.16 1.60 0.00	26.44 1.90 -0.13	29.00 2.12 0.00	29.65 2.50 0.00	33.31 2.76 -2.42	35.63 2.65 -4.49	34.72 2.92 -2.57	36.56 3.13 -0.77	38.30 3.26 0.00	44.36 3.57 -3.58	44.93 3.90 -1.26	49.51 3.84 -3.86	58.50 4.90 -5.53	63.99 5.60 -3.53	54.32 4.86 -0.86	45.71 3.81 -0.01	43.68 3.38 0.00	39.41 3.29 0.00	34.96 3.19 -0.14	34.20 2.83 -2.51
PORT_JEFF_IC 23713	35.82 2.43 -5.49	30.25 2.21 -1.08	27.41 1.98 -0.11	25.58 1.79 -0.49	24.18 1.62 0.00	26.46 1.93 -0.13	28.98 2.10 0.00	29.79 2.63 0.00	33.34 2.78 -2.42	35.94 2.96 -4.49	34.81 3.01 -2.57	36.69 3.27 -0.77	38.44 3.40 0.00	44.66 3.87 -3.58	45.13 4.10 -1.26	49.65 3.89 -3.96	58.75 4.95 -5.74	64.24 5.71 -3.66	54.38 4.91 -0.87	45.92 4.02 -0.01	43.84 3.55 0.00	39.48 3.36 0.00	35.00 3.23 -0.14	34.23 2.86 -2.51
PPL PILGRIM_ST_GT1 24216	36.01 2.62 -5.49	30.47 2.43 -1.08	27.58 2.15 -0.11	25.44 1.65 -0.49	24.34 1.78 0.00	26.63 2.10 -0.13	29.22 2.34 0.00	29.90 2.74 0.00	33.59 3.04 -2.42	35.91 2.94 -4.49	34.93 3.13 -2.57	36.85 3.43 -0.77	38.62 3.58 0.00	44.80 3.98 -3.61	45.20 4.17 -1.25	50.30 4.22 -4.27	59.81 5.29 -6.46	65.07 6.09 -4.11	54.75 5.30 -0.86	46.00 4.11 0.00	44.08 3.79 0.00	39.62 3.47 -0.03	35.09 3.32 -0.14	34.34 2.97 -2.51
PPL PILGRIM_ST_GT2 24217	36.01 2.62 -5.49	30.47 2.43 -1.08	27.58 2.15 -0.11	25.44 1.65 -0.49	24.34 1.78 0.00	26.63 2.10 -0.13	29.22 2.34 0.00	29.90 2.74 0.00	33.59 3.04 -2.42	35.91 2.94 -4.49	34.93 3.13 -2.57	36.85 3.43 -0.77	38.62 3.58 0.00	44.80 3.98 -3.61	45.20 4.17 -1.25	50.30 4.22 -4.27	59.81 5.29 -6.46	65.07 6.09 -4.11	54.75 5.30 -0.86	46.00 4.11 0.00	44.08 3.79 0.00	39.62 3.47 -0.03	35.09 3.32 -0.14	34.34 2.97 -2.51
PPL_SHRM_GT3 24213	35.76 2.37 -5.49	30.20 2.16 -1.08	27.35 1.92 -0.11	25.21 1.42 -0.49	24.14 1.58 0.00	26.46 1.93 -0.13	28.98 2.10 0.00	29.57 2.42 0.00	33.11 2.56 -2.42	35.45 2.48 -4.49	34.58 2.78 -2.57	36.56 3.13 -0.77	38.34 3.29 0.00	44.55 3.76 -3.58	45.13 4.10 -1.26	49.93 4.22 -3.90	59.02 5.33 -5.62	64.65 6.20 -3.59	54.86 5.39 -0.86	46.00 4.11 -0.01	43.88 3.58 0.00	39.41 3.29 0.00	34.87 3.10 -0.14	34.05 2.68 -2.51
PPL_SHRM_GT4 24214	35.76 2.37 -5.49	30.20 2.16 -1.08	27.35 1.92 -0.11	25.21 1.42 -0.49	24.14 1.58 0.00	26.46 1.93 -0.13	28.98 2.10 0.00	29.57 2.42 0.00	33.11 2.56 -2.42	35.45 2.48 -4.49	34.58 2.78 -2.57	36.56 3.13 -0.77	38.34 3.29 0.00	44.55 3.76 -3.58	45.13 4.10 -1.26	49.93 4.22 -3.90	59.02 5.33 -5.62	64.65 6.20 -3.59	54.86 5.39 -0.86	46.00 4.11 -0.01	43.88 3.58 0.00	39.41 3.29 0.00	34.87 3.10 -0.14	34.05 2.68 -2.51
PROJECT___ORANGE 1 24174	27.93 0.03 0.00	26.88 -0.08 0.00	25.09 -0.23 0.00	23.04 -0.26 0.00	22.33 -0.23 0.00	24.21 -0.20 0.00	26.69 -0.19 0.00	27.02 -0.14 0.00	28.02 -0.11 0.00	28.35 -0.14 0.00	29.20 -0.03 0.00	32.65 0.00 0.00	35.15 0.11 0.00	37.17 -0.04 0.00	39.69 -0.08 0.00	41.85 0.04 0.00	48.31 0.29 0.04	55.14 0.27 0.00	48.75 0.15 0.00	41.47 -0.17 0.25	40.15 -0.12 0.02	36.00 -0.11 0.00	31.54 -0.09 0.00	28.74 -0.12 0.00
PROJECT___ORANGE 2 24166	27.93 0.03 0.00	26.88 -0.08 0.00	25.09 -0.23 0.00	23.04 -0.26 0.00	22.33 -0.23 0.00	24.21 -0.20 0.00	26.69 -0.19 0.00	27.02 -0.14 0.00	28.02 -0.11 0.00	28.35 -0.14 0.00	29.20 -0.03 0.00	32.65 0.00 0.00	35.15 0.11 0.00	37.17 -0.04 0.00	39.69 -0.08 0.00	41.85 0.04 0.00	48.31 0.29 0.04	55.14 0.27 0.00	48.75 0.15 0.00	41.47 -0.17 0.25	40.15 -0.12 0.02	36.00 -0.11 0.00	31.54 -0.09 0.00	28.74 -0.12 0.00
PUCKETT___SOLAR 323809	28.82 0.92 0.00	27.72 0.75 0.00	25.83 0.51 0.00	23.76 0.47 0.00	22.96 0.41 0.00	24.94 0.54 0.00	27.55 0.67 0.00	28.00 0.84 0.00	28.92 0.79 0.00	29.43 0.94 0.00	30.02 0.79 0.00	33.47 0.82 0.00	36.06 1.02 0.00	38.17 0.97 0.00	40.69 0.92 0.00	42.98 1.17 0.00	49.89 1.83 0.00	57.06 2.20 0.00	50.59 1.99 0.00	42.92 1.17 0.14	41.49 1.21 0.01	37.23 1.12 0.00	32.58 0.95 0.00	29.66 0.81 0.00
PYRITES___HYD 24023	27.40 -0.50 0.00	26.64 -0.32 0.00	25.25 -0.08 0.00	23.20 -0.09 0.00	22.44 -0.11 0.00	24.28 -0.12 0.00	26.77 -0.11 0.00	26.75 -0.41 0.00	27.59 -0.53 0.00	28.03 -0.46 0.00	28.52 -0.70 0.00	31.77 -0.88 0.00	33.99 -1.05 0.00	36.31 -0.89 0.00	38.78 -0.99 0.00	40.76 -1.05 0.00	44.36 -2.16 1.54	52.51 -2.36 0.00	46.80 -1.80 0.00	41.26 -0.63 0.00	39.65 -0.64 0.00	35.50 -0.61 0.00	30.87 -0.76 0.00	28.42 -0.43 0.00
QUAKERRD_115KV_BK1 80622	27.21 -0.70 0.00	26.10 -0.86 0.00	24.21 -1.11 0.00	22.16 -1.14 0.00	21.50 -1.06 0.00	23.40 -1.00 0.00	25.62 -1.26 0.00	26.15 -1.00 0.00	27.31 -0.82 0.00	27.35 -1.14 0.00	28.41 -0.82 0.00	31.67 -0.98 0.00	34.45 -0.60 0.00	35.86 -1.34 0.01	38.37 -1.39 0.01	40.72 -1.09 0.00	47.34 -0.72 0.00	53.88 -0.99 0.00	47.58 -1.02 0.00	39.95 -1.38 0.56	38.96 -1.29 0.05	34.95 -1.16 0.01	30.65 -0.98 0.00	27.93 -0.92 0.00
QUEENSBRY_115KV_TB8 356137	30.55 2.65 0.00	29.41 2.45 0.00	27.35 2.03 0.00	25.11 1.82 0.00	24.25 1.69 0.00	26.35 1.95 0.00	29.35 2.47 0.00	29.71 2.55 0.00	30.74 2.62 0.00	30.97 2.48 0.00	31.51 2.28 0.00	35.30 2.64 0.00	37.71 2.66 0.00	40.07 2.86 0.00	42.99 3.22 0.00	45.44 3.64 0.00	52.58 4.52 0.00	60.46 5.60 0.00	54.33 5.73 0.00	46.66 4.78 0.00	45.17 4.88 0.00	40.34 4.23 0.00	35.08 3.45 0.00	32.06 3.20 0.00
RAMAPO___LBMP 323565	29.30 1.40 0.00	28.20 1.24 0.00	26.36 1.04 0.00	24.21 0.91 0.00	23.44 0.88 0.00	25.40 1.00 0.00	28.14 1.26 0.00	28.81 1.66 0.00	29.87 1.74 0.00	30.46 1.97 0.00	31.16 1.93 0.00	34.81 2.16 0.00	37.25 2.21 0.00	39.70 2.49 0.00	42.40 2.62 0.00	44.44 2.63 0.00	51.57 3.51 0.00	58.82 3.95 0.00	51.95 3.35 0.00	44.44 2.56 0.00	42.71 2.42 0.00	38.21 2.09 0.00	33.59 1.96 0.00	30.59 1.73 0.00
RANKINE____ 23646	27.68 -0.22 0.00	26.45 -0.51 0.00	24.28 -1.04 0.00	22.18 -1.12 0.00	21.61 -0.95 0.00	23.60 -0.81 0.00	25.59 -1.29 0.00	26.29 -0.87 0.00	27.76 -0.37 0.00	27.55 -0.94 0.00	28.99 -0.23 0.00	32.23 -0.42 0.00	35.43 0.39 0.00	35.98 -1.23 0.00	38.38 -1.39 0.00	40.94 -0.88 -0.01	48.16 0.10 -0.01	54.43 -0.44 0.00	47.87 -0.73 0.00	38.98 -2.39 0.52	38.24 -2.01 0.04	34.88 -1.23 0.01	30.74 -0.89 0.00	28.14 -0.72 0.00
RAVENSWOOD_GT2_1 24244	29.72 1.81 0.00	28.55 1.59 0.00	26.69 1.37 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.44 2.31 0.00	31.05 2.56 0.00	31.80 2.57 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.15 3.34 0.00	52.53 4.47 0.00	59.86 4.99 0.00	52.83 4.23 0.00	45.15 3.27 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.11 2.25 0.00

RAVENSWOOD_GT2_2 24245	29.72 1.81 0.00	28.55 1.59 0.00	26.69 1.37 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.44 2.31 0.00	31.05 2.56 0.00	31.80 2.57 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.15 3.34 0.00	52.53 4.47 0.00	59.86 4.99 0.00	52.83 4.23 0.00	45.15 3.27 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.11 2.25 0.00
RAVENSWOOD_GT2_3 24246	29.72 1.81 0.00	28.58 1.62 0.00	26.69 1.37 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.55 1.67 0.00	29.30 2.15 0.00	30.46 2.33 0.00	31.08 2.59 0.00	31.80 2.57 0.00	35.53 2.87 0.00	38.06 3.01 0.00	40.56 3.35 0.00	43.19 3.42 0.00	45.15 3.34 0.00	52.53 4.47 0.00	59.86 4.99 0.00	52.88 4.28 0.00	45.20 3.31 0.00	43.52 3.22 0.00	38.90 2.78 0.00	34.22 2.59 0.00	31.11 2.25 0.00
RAVENSWOOD_GT2_4 24247	29.72 1.81 0.00	28.58 1.62 0.00	26.69 1.37 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.55 1.67 0.00	29.30 2.15 0.00	30.46 2.33 0.00	31.08 2.59 0.00	31.80 2.57 0.00	35.53 2.87 0.00	38.06 3.01 0.00	40.56 3.35 0.00	43.19 3.42 0.00	45.15 3.34 0.00	52.53 4.47 0.00	59.86 4.99 0.00	52.88 4.28 0.00	45.20 3.31 0.00	43.52 3.22 0.00	38.90 2.78 0.00	34.22 2.59 0.00	31.11 2.25 0.00
RAVENSWOOD_GT3_1 24248	29.72 1.81 0.00	28.58 1.62 0.00	26.69 1.37 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.44 2.31 0.00	31.08 2.59 0.00	31.80 2.57 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.15 3.34 0.00	52.53 4.47 0.00	59.86 4.99 0.00	52.83 4.23 0.00	45.15 3.27 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.11 2.25 0.00
RAVENSWOOD_GT3_2 24249	29.72 1.81 0.00	28.58 1.62 0.00	26.69 1.37 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.44 2.31 0.00	31.08 2.59 0.00	31.80 2.57 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.15 3.34 0.00	52.53 4.47 0.00	59.86 4.99 0.00	52.83 4.23 0.00	45.15 3.27 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.11 2.25 0.00
RAVENSWOOD_GT3_3 24250	29.75 1.84 0.00	28.61 1.64 0.00	26.71 1.39 0.00	24.53 1.23 0.00	23.73 1.17 0.00	25.72 1.32 0.00	28.57 1.69 0.00	29.33 2.17 0.00	30.49 2.36 0.00	31.11 2.62 0.00	31.86 2.63 0.00	35.59 2.94 0.00	38.09 3.05 0.00	40.59 3.39 0.00	43.27 3.50 0.00	45.23 3.43 0.00	52.63 4.57 0.00	59.97 5.10 0.00	52.93 4.33 0.00	45.24 3.35 0.00	43.60 3.30 0.00	38.93 2.82 0.00	34.26 2.63 0.00	31.17 2.31 0.00
RAVENSWOOD_GT3_4 24251	29.75 1.84 0.00	28.61 1.64 0.00	26.71 1.39 0.00	24.53 1.23 0.00	23.73 1.17 0.00	25.72 1.32 0.00	28.57 1.69 0.00	29.33 2.17 0.00	30.49 2.36 0.00	31.11 2.62 0.00	31.86 2.63 0.00	35.59 2.94 0.00	38.09 3.05 0.00	40.59 3.39 0.00	43.27 3.50 0.00	45.23 3.43 0.00	52.63 4.57 0.00	59.97 5.10 0.00	52.93 4.33 0.00	45.24 3.35 0.00	43.60 3.30 0.00	38.93 2.82 0.00	34.26 2.63 0.00	31.17 2.31 0.00
RAVENSWOOD_GT_1 23729	29.84 1.93 -0.01	28.66 1.70 0.00	26.76 1.44 0.00	24.56 1.26 0.00	23.75 1.20 0.00	25.70 1.29 0.00	28.57 1.69 0.00	29.36 2.20 0.00	30.52 2.39 0.00	31.20 2.71 -0.01	31.92 2.69 -0.01	35.66 3.00 -0.01	38.13 3.08 0.00	40.63 3.42 0.00	43.31 3.54 0.00	45.23 3.43 0.00	52.63 4.57 0.00	59.91 5.05 0.00	52.83 4.23 0.00	45.24 3.35 0.00	43.56 3.26 0.00	38.90 2.78 0.00	34.35 2.72 0.00	31.26 2.40 -0.01
RAVENSWOOD_GT_10 24258	29.72 1.81 0.00	28.55 1.59 0.00	26.69 1.37 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.44 2.31 0.00	31.05 2.56 0.00	31.80 2.57 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.15 3.34 0.00	52.53 4.47 0.00	59.86 4.99 0.00	52.83 4.23 0.00	45.15 3.27 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.11 2.25 0.00
RAVENSWOOD_GT_11 24259	29.72 1.81 0.00	28.55 1.59 0.00	26.69 1.37 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.44 2.31 0.00	31.05 2.56 0.00	31.80 2.57 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.15 3.34 0.00	52.53 4.47 0.00	59.86 4.99 0.00	52.83 4.23 0.00	45.15 3.27 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.11 2.25 0.00
RAVENSWOOD_GT_4 24252	29.70 1.79 -0.01	28.55 1.59 0.00	26.66 1.34 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.41 2.28 0.00	31.06 2.56 -0.01	31.77 2.54 -0.01	35.50 2.84 -0.01	37.99 2.94 0.00	40.48 3.27 0.00	43.15 3.38 0.00	45.11 3.30 0.00	52.48 4.42 0.00	59.86 4.99 0.00	52.83 4.23 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.86 2.74 0.00	34.16 2.53 0.00	31.09 2.22 -0.01
RAVENSWOOD_GT_5 24254	29.70 1.79 -0.01	28.55 1.59 0.00	26.66 1.34 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.41 2.28 0.00	31.06 2.56 -0.01	31.77 2.54 -0.01	35.50 2.84 -0.01	37.99 2.94 0.00	40.48 3.27 0.00	43.15 3.38 0.00	45.11 3.30 0.00	52.48 4.42 0.00	59.86 4.99 0.00	52.83 4.23 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.86 2.74 0.00	34.16 2.53 0.00	31.09 2.22 -0.01
RAVENSWOOD_GT_6 24253	29.70 1.79 -0.01	28.55 1.59 0.00	26.66 1.34 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.41 2.28 0.00	31.06 2.56 -0.01	31.77 2.54 -0.01	35.50 2.84 -0.01	37.99 2.94 0.00	40.48 3.27 0.00	43.15 3.38 0.00	45.11 3.30 0.00	52.48 4.42 0.00	59.86 4.99 0.00	52.83 4.23 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.86 2.74 0.00	34.16 2.53 0.00	31.09 2.22 -0.01
RAVENSWOOD_GT_7 24255	29.70 1.79 -0.01	28.55 1.59 0.00	26.66 1.34 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.41 2.28 0.00	31.06 2.56 -0.01	31.77 2.54 -0.01	35.50 2.84 -0.01	37.99 2.94 0.00	40.48 3.27 0.00	43.15 3.38 0.00	45.11 3.30 0.00	52.48 4.42 0.00	59.86 4.99 0.00	52.83 4.23 0.00	45.15 3.27 0.00	43.48 3.18 0.00	38.86 2.74 0.00	34.16 2.53 0.00	31.09 2.22 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.72 1.81 0.00	28.55 1.59 0.00	26.69 1.37 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.44 2.31 0.00	31.05 2.56 0.00	31.80 2.57 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.15 3.34 0.00	52.53 4.47 0.00	59.86 4.99 0.00	52.83 4.23 0.00	45.15 3.27 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.11 2.25 0.00

RAVENSWOOD_GT_9 24257	29.72 1.81 0.00	28.55 1.59 0.00	26.69 1.37 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.44 2.31 0.00	31.05 2.56 0.00	31.80 2.57 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.15 3.34 0.00	52.53 4.47 0.00	59.86 4.99 0.00	52.83 4.23 0.00	45.15 3.27 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.11 2.25 0.00
RAVENSWOOD____1 23533	29.84 1.92 -0.01	28.69 1.73 0.00	26.76 1.44 0.00	24.48 1.19 0.00	23.75 1.19 0.00	25.69 1.29 0.00	28.62 1.75 0.00	29.30 2.14 0.00	30.52 2.39 0.00	30.78 2.28 -0.01	31.92 2.69 -0.01	35.66 3.00 -0.01	38.13 3.08 0.00	40.52 3.31 0.00	43.31 3.54 0.00	45.24 3.43 0.00	52.63 4.57 0.00	59.91 5.04 0.00	52.83 4.23 0.00	45.24 3.35 0.00	43.55 3.26 0.00	38.90 2.78 0.00	34.35 2.72 0.00	31.23 2.37 -0.01
RAVENSWOOD____2 23534	29.78 1.87 -0.01	28.63 1.67 0.00	26.71 1.39 0.00	24.44 1.14 0.00	23.73 1.17 0.00	25.65 1.24 0.00	28.57 1.69 0.00	29.25 2.09 0.00	30.46 2.33 0.00	30.75 2.25 -0.01	31.87 2.63 -0.01	35.60 2.94 -0.01	38.06 3.01 0.00	40.44 3.24 0.00	43.23 3.46 0.00	45.15 3.35 0.00	52.29 4.23 0.00	59.48 4.61 0.00	52.49 3.89 0.00	45.20 3.31 0.00	43.47 3.18 0.00	38.83 2.71 0.00	34.29 2.66 0.00	31.20 2.34 -0.01
RAVENSWOOD____3 23535	29.72 1.81 0.00	28.58 1.62 0.00	26.69 1.37 0.00	24.44 1.14 0.00	23.71 1.15 0.00	25.69 1.29 0.00	28.57 1.69 0.00	29.22 2.06 0.00	30.44 2.31 0.00	30.71 2.22 0.00	31.77 2.54 0.00	35.53 2.87 0.00	38.02 2.98 0.00	40.41 3.20 0.00	43.19 3.42 0.00	45.15 3.35 0.00	52.53 4.47 0.00	59.86 4.99 0.00	52.83 4.23 0.00	45.20 3.31 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.19 2.56 0.00	31.11 2.25 0.00
RAVENSWOOD____4 23820	29.84 1.92 -0.01	28.69 1.73 0.00	26.76 1.44 0.00	24.48 1.19 0.00	23.75 1.19 0.00	25.69 1.29 0.00	28.62 1.75 0.00	29.30 2.14 0.00	30.52 2.39 0.00	30.78 2.28 -0.01	31.92 2.69 -0.01	35.66 3.00 -0.01	38.13 3.08 0.00	40.52 3.31 0.00	43.31 3.54 0.00	45.24 3.43 0.00	52.63 4.57 0.00	59.91 5.04 0.00	52.83 4.23 0.00	45.24 3.35 0.00	43.55 3.26 0.00	38.90 2.78 0.00	34.35 2.72 0.00	31.23 2.37 -0.01
RCPI_TRUST____DRP 24196	29.69 1.79 0.00	28.53 1.56 0.00	26.66 1.34 0.00	24.49 1.19 0.00	23.68 1.13 0.00	25.67 1.27 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.44 2.31 0.00	31.08 2.59 0.00	31.80 2.57 0.00	35.53 2.87 0.00	38.06 3.01 0.00	40.52 3.31 0.00	43.19 3.42 0.00	45.19 3.39 0.00	52.58 4.52 0.00	59.91 5.05 0.00	52.88 4.28 0.00	45.20 3.31 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.16 2.53 0.00	31.08 2.22 0.00
RED____ROCHESTER 323720	27.93 0.03 0.00	26.77 -0.19 0.00	24.76 -0.56 0.00	22.90 -0.40 0.00	21.97 -0.59 0.00	23.96 -0.44 0.00	26.29 -0.59 0.00	26.94 -0.22 0.00	28.02 -0.11 0.00	29.00 0.51 0.00	29.28 0.06 0.00	32.52 -0.13 0.00	35.46 0.42 0.00	37.16 -0.04 0.01	39.33 -0.44 0.01	41.85 0.04 0.00	48.78 0.72 0.00	55.47 0.60 0.00	48.99 0.39 0.00	40.93 -0.38 0.58	39.96 -0.28 0.05	35.86 -0.25 0.01	31.44 -0.19 0.00	28.63 -0.23 0.00
REGAN____SOLAR 323812	31.62 3.71 0.00	30.33 3.37 0.00	28.13 2.81 0.00	25.79 2.49 0.00	24.90 2.35 0.00	27.13 2.73 0.00	30.45 3.58 0.00	30.69 3.53 0.00	31.50 3.37 0.00	31.54 3.05 0.00	32.32 3.10 0.00	36.18 3.53 0.00	38.69 3.64 0.00	41.37 4.17 0.00	44.34 4.57 0.00	47.20 5.40 0.00	55.13 7.07 0.00	64.19 9.33 0.00	57.16 8.56 0.00	48.50 6.62 0.00	46.78 6.49 0.00	41.60 5.49 0.00	36.21 4.58 0.00	33.04 4.18 0.00
RENSSELAER____COGEN 23796	28.46 0.56 0.00	27.53 0.57 0.00	25.72 0.40 0.00	23.72 0.42 0.00	22.98 0.43 0.00	24.82 0.41 0.00	27.42 0.54 0.00	27.78 0.63 0.00	28.78 0.65 0.00	28.92 0.43 0.00	29.78 0.55 0.00	33.30 0.65 0.00	35.64 0.60 0.00	37.91 0.71 0.00	40.65 0.87 0.00	42.64 0.84 0.00	49.17 1.11 0.00	56.24 1.37 0.00	49.86 1.26 0.00	42.97 1.09 0.00	41.34 1.05 0.00	37.13 1.01 0.00	32.71 1.08 0.00	29.84 0.98 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.26 4.35 0.00	30.98 4.02 0.00	28.69 3.37 0.00	26.28 2.98 0.00	25.35 2.80 0.00	27.67 3.27 0.00	30.99 4.11 0.00	31.31 4.16 0.00	32.35 4.22 0.00	32.48 3.99 0.00	33.14 3.92 0.00	37.12 4.47 0.00	39.60 4.56 0.00	42.19 4.99 0.00	45.34 5.57 0.00	48.04 6.23 0.00	55.75 7.69 0.00	64.30 9.44 0.00	57.88 9.28 0.00	49.64 7.75 0.00	48.11 7.82 0.00	42.87 6.75 0.00	37.13 5.50 0.00	33.97 5.11 0.00
REVERE_CPPR_DRP 24186	29.05 1.14 0.00	27.93 0.97 0.00	26.13 0.81 0.00	23.95 0.65 0.00	23.21 0.65 0.00	25.11 0.71 0.00	27.71 0.83 0.00	28.13 0.98 0.00	29.09 0.96 0.00	29.40 0.91 0.00	30.16 0.94 0.00	33.66 1.01 0.00	36.20 1.16 0.00	38.51 1.30 0.00	41.04 1.27 0.00	43.27 1.46 0.00	50.00 2.07 0.13	57.55 2.69 0.00	50.98 2.38 0.00	43.63 1.84 0.10	42.06 1.77 0.01	37.63 1.52 0.00	32.71 1.08 0.00	29.78 0.92 0.00
REYNOLDS_115KV_TB3 80639	28.71 0.81 0.00	27.77 0.81 0.00	25.98 0.66 0.00	23.95 0.65 0.00	23.17 0.61 0.00	25.04 0.63 0.00	27.63 0.75 0.00	28.08 0.92 0.00	29.03 0.90 0.00	29.34 0.85 0.00	30.07 0.85 0.00	33.60 0.95 0.00	35.92 0.88 0.00	38.25 1.04 0.00	40.96 1.19 0.00	42.98 1.17 0.00	49.50 1.44 0.00	56.62 1.76 0.00	50.20 1.60 0.00	43.27 1.38 0.00	41.62 1.33 0.00	37.42 1.30 0.00	32.86 1.23 0.00	30.01 1.15 0.00
RIVERBAY____ 323610	30.20 2.29 -0.01	28.98 2.02 0.00	27.04 1.72 0.00	24.81 1.51 0.00	24.00 1.44 0.00	25.87 1.46 0.00	28.73 1.85 0.00	29.49 2.34 0.00	30.60 2.48 0.00	31.26 2.76 -0.01	31.98 2.75 -0.01	35.70 3.04 -0.01	38.13 3.08 0.00	40.67 3.46 0.00	43.31 3.54 0.00	45.23 3.43 0.00	52.77 4.71 0.00	60.08 5.21 0.00	52.97 4.37 0.00	45.36 3.48 0.00	43.64 3.34 0.00	38.93 2.82 0.00	34.57 2.94 0.00	31.49 2.63 -0.01
RIVERSDE_115KV_TB3 55908	28.57 0.67 0.00	27.61 0.65 0.00	25.83 0.51 0.00	23.83 0.54 0.00	23.05 0.50 0.00	24.91 0.51 0.00	27.50 0.62 0.00	27.94 0.79 0.00	28.89 0.76 0.00	29.20 0.71 0.00	29.93 0.70 0.00	33.47 0.82 0.00	35.81 0.77 0.00	38.14 0.93 0.00	40.85 1.07 0.00	42.85 1.05 0.00	49.41 1.35 0.00	56.51 1.65 0.00	50.15 1.56 0.00	43.23 1.34 0.00	41.58 1.29 0.00	37.34 1.23 0.00	32.83 1.20 0.00	29.98 1.13 0.00
ROARING____BROOK_WT_PWR 323790	27.46 -0.45 0.00	26.58 -0.38 0.00	25.09 -0.23 0.00	23.06 -0.23 0.00	22.33 -0.23 0.00	24.16 -0.24 0.00	26.56 -0.32 0.00	26.75 -0.41 0.00	27.73 -0.39 0.00	28.09 -0.40 0.00	28.82 -0.41 0.00	32.19 -0.46 0.00	34.52 -0.52 0.00	36.69 -0.52 0.00	39.21 -0.56 0.00	41.18 -0.63 0.00	47.12 -1.01 -0.07	53.66 -1.21 0.00	47.48 -1.12 0.00	41.01 -0.88 0.00	39.24 -1.05 0.00	35.00 -1.12 0.00	30.49 -1.14 0.00	27.76 -1.10 0.00

ROCHESRG_115KV_T4 355643	27.60 -0.31 0.00	26.48 -0.49 0.00	24.49 -0.84 0.00	22.39 -0.91 0.00	21.77 -0.79 0.00	23.69 -0.71 0.00	25.88 -0.99 0.00	26.45 -0.71 0.00	27.68 -0.45 0.00	27.66 -0.83 0.00	28.82 -0.41 0.00	32.10 -0.56 0.00	34.97 -0.07 0.00	36.19 -1.00 0.01	38.73 -1.03 0.01	41.14 -0.67 0.00	47.96 -0.10 0.00	54.54 -0.33 0.00	48.11 -0.49 0.00	40.33 -0.96 0.59	39.36 -0.89 0.05	35.31 -0.79 0.01	31.03 -0.60 0.00	28.28 -0.58 0.00
ROCHESTER_9_IC 23652	27.76 -0.14 0.00	26.64 -0.32 0.00	24.61 -0.71 0.00	22.51 -0.79 0.00	21.88 -0.68 0.00	23.84 -0.56 0.00	26.05 -0.83 0.00	26.61 -0.54 0.00	27.88 -0.25 0.00	27.86 -0.63 0.00	28.99 -0.23 0.00	32.33 -0.33 0.00	35.25 0.21 0.00	36.49 -0.71 0.01	39.05 -0.72 0.01	41.51 -0.29 0.00	48.40 0.34 0.00	55.03 0.16 0.00	48.55 -0.05 0.00	40.68 -0.63 0.58	39.68 -0.56 0.05	35.60 -0.51 0.01	31.25 -0.38 0.00	28.48 -0.38 0.00
ROCKVIEW_13_KV_LD 356306	29.72 1.81 0.00	28.58 1.62 0.00	26.71 1.39 0.00	24.51 1.21 0.00	23.71 1.15 0.00	25.70 1.29 0.00	28.52 1.64 0.00	29.25 2.09 0.00	30.38 2.25 0.00	30.97 2.48 0.00	31.71 2.48 0.00	35.39 2.74 0.00	37.95 2.91 0.00	40.41 3.20 0.00	43.15 3.38 0.00	45.15 3.34 0.00	52.48 4.42 0.00	59.86 4.99 0.00	52.83 4.23 0.00	45.20 3.31 0.00	43.48 3.18 0.00	38.86 2.74 0.00	34.13 2.50 0.00	31.05 2.19 0.00
ROME____115KV_TB2 80656	29.05 1.14 0.00	27.93 0.97 0.00	26.13 0.81 0.00	23.95 0.65 0.00	23.21 0.65 0.00	25.11 0.71 0.00	27.71 0.83 0.00	28.13 0.98 0.00	29.09 0.96 0.00	29.40 0.91 0.00	30.16 0.94 0.00	33.66 1.01 0.00	36.20 1.16 0.00	38.51 1.30 0.00	41.04 1.27 0.00	43.27 1.46 0.00	50.00 2.07 0.13	57.55 2.69 0.00	50.98 2.38 0.00	43.63 1.84 0.10	42.06 1.77 0.01	37.63 1.52 0.00	32.71 1.08 0.00	29.78 0.92 0.00
ROSETON___1 23587	29.24 1.34 0.00	28.18 1.21 0.00	26.33 1.01 0.00	24.13 0.84 0.00	23.44 0.88 0.00	25.35 0.95 0.00	28.14 1.26 0.00	28.68 1.52 0.00	29.79 1.66 0.00	30.03 1.54 0.00	31.01 1.78 0.00	34.64 1.99 0.00	37.11 2.07 0.00	39.44 2.23 0.00	42.24 2.47 0.00	44.23 2.42 0.00	51.23 3.17 0.00	58.49 3.62 0.00	51.71 3.11 0.00	44.32 2.43 0.00	42.63 2.34 0.00	38.17 2.06 0.00	33.50 1.87 0.00	30.50 1.64 0.00
ROSETON___2 23588	29.24 1.34 0.00	28.18 1.21 0.00	26.33 1.01 0.00	24.13 0.84 0.00	23.44 0.88 0.00	25.35 0.95 0.00	28.14 1.26 0.00	28.68 1.52 0.00	29.79 1.66 0.00	30.03 1.54 0.00	31.01 1.78 0.00	34.64 1.99 0.00	37.11 2.07 0.00	39.44 2.23 0.00	42.24 2.47 0.00	44.23 2.42 0.00	51.23 3.17 0.00	58.49 3.62 0.00	51.71 3.11 0.00	44.32 2.43 0.00	42.63 2.34 0.00	38.17 2.06 0.00	33.50 1.87 0.00	30.50 1.64 0.00
ROTRRDAM_115KV_TB3 80664	28.94 1.03 0.00	27.90 0.94 0.00	26.08 0.76 0.00	24.00 0.70 0.00	23.23 0.68 0.00	25.13 0.73 0.00	27.79 0.91 0.00	28.16 1.00 0.00	29.14 1.01 0.00	29.43 0.94 0.00	30.16 0.94 0.00	33.70 1.04 0.00	36.09 1.05 0.00	38.40 1.19 0.00	41.08 1.31 0.00	43.23 1.42 0.00	49.89 1.83 0.00	57.12 2.25 0.00	50.74 2.14 0.00	43.65 1.76 0.00	42.02 1.73 0.00	37.67 1.55 0.00	32.96 1.33 0.00	30.07 1.21 0.00
RUSSELL___1 23602	27.93 0.03 0.00	26.77 -0.19 0.00	24.74 -0.58 0.00	22.62 -0.68 0.00	21.97 -0.59 0.00	23.94 -0.46 0.00	26.15 -0.73 0.00	26.75 -0.41 0.00	28.02 -0.11 0.00	28.01 -0.48 0.00	29.17 -0.06 0.00	32.52 -0.13 0.00	35.46 0.42 0.00	36.75 -0.45 0.01	39.33 -0.44 0.01	41.85 0.04 0.00	48.78 0.72 0.00	55.47 0.60 0.00	48.94 0.34 0.00	40.97 -0.34 0.58	39.96 -0.28 0.05	35.85 -0.25 0.01	31.44 -0.19 0.00	28.63 -0.23 0.00
RUSSELL___2 23532	27.93 0.03 0.00	26.77 -0.19 0.00	24.74 -0.58 0.00	22.62 -0.68 0.00	21.97 -0.59 0.00	23.94 -0.46 0.00	26.15 -0.73 0.00	26.75 -0.41 0.00	28.02 -0.11 0.00	28.01 -0.48 0.00	29.17 -0.06 0.00	32.52 -0.13 0.00	35.46 0.42 0.00	36.75 -0.45 0.01	39.33 -0.44 0.01	41.85 0.04 0.00	48.78 0.72 0.00	55.47 0.60 0.00	48.94 0.34 0.00	40.97 -0.34 0.58	39.96 -0.28 0.05	35.85 -0.25 0.01	31.44 -0.19 0.00	28.63 -0.23 0.00
RUSSELL___3 23549	27.93 0.03 0.00	26.77 -0.19 0.00	24.74 -0.58 0.00	22.62 -0.68 0.00	21.97 -0.59 0.00	23.94 -0.46 0.00	26.15 -0.73 0.00	26.75 -0.41 0.00	28.02 -0.11 0.00	28.01 -0.48 0.00	29.17 -0.06 0.00	32.52 -0.13 0.00	35.46 0.42 0.00	36.75 -0.45 0.01	39.33 -0.44 0.01	41.85 0.04 0.00	48.78 0.72 0.00	55.47 0.60 0.00	48.94 0.34 0.00	40.97 -0.34 0.58	39.96 -0.28 0.05	35.85 -0.25 0.01	31.44 -0.19 0.00	28.63 -0.23 0.00
RUSSELL___4 23556	27.93 0.03 0.00	26.77 -0.19 0.00	24.74 -0.58 0.00	22.62 -0.68 0.00	21.97 -0.59 0.00	23.94 -0.46 0.00	26.15 -0.73 0.00	26.75 -0.41 0.00	28.02 -0.11 0.00	28.01 -0.48 0.00	29.17 -0.06 0.00	32.52 -0.13 0.00	35.46 0.42 0.00	36.75 -0.45 0.01	39.33 -0.44 0.01	41.85 0.04 0.00	48.78 0.72 0.00	55.47 0.60 0.00	48.94 0.34 0.00	40.97 -0.34 0.58	39.96 -0.28 0.05	35.85 -0.25 0.01	31.44 -0.19 0.00	28.63 -0.23 0.00
RUSSELL___STATION 23914	27.93 0.03 0.00	26.77 -0.19 0.00	24.74 -0.58 0.00	22.62 -0.68 0.00	21.97 -0.59 0.00	23.94 -0.46 0.00	26.15 -0.73 0.00	26.75 -0.41 0.00	28.02 -0.11 0.00	28.01 -0.48 0.00	29.17 -0.06 0.00	32.52 -0.13 0.00	35.46 0.42 0.00	36.75 -0.45 0.01	39.33 -0.44 0.01	41.85 0.04 0.00	48.78 0.72 0.00	55.47 0.60 0.00	48.94 0.34 0.00	40.97 -0.34 0.58	39.96 -0.28 0.05	35.85 -0.25 0.01	31.44 -0.19 0.00	28.63 -0.23 0.00
S SALMON___HYD 24043	27.57 -0.33 0.00	26.56 -0.40 0.00	24.81 -0.51 0.00	22.83 -0.47 0.00	22.08 -0.47 0.00	23.86 -0.54 0.00	26.37 -0.51 0.00	26.64 -0.52 0.00	27.59 -0.54 0.00	28.06 -0.43 0.00	28.67 -0.56 0.00	32.00 -0.65 0.00	34.41 -0.63 0.00	36.54 -0.67 0.00	38.86 -0.91 0.00	41.05 -0.75 0.00	47.28 -0.63 0.16	54.26 -0.60 0.00	48.11 -0.49 0.00	41.55 -0.55 -0.21	39.87 -0.44 -0.02	35.65 -0.47 0.00	31.12 -0.51 0.00	28.39 -0.46 0.00
S.PERRY__115KV_TB1 80734	28.63 0.73 0.00	27.37 0.40 0.00	25.25 -0.08 0.00	23.02 -0.28 0.00	22.35 -0.20 0.00	24.45 0.05 0.00	26.69 -0.19 0.00	27.18 0.03 0.00	28.24 0.11 0.00	28.15 -0.34 0.00	29.34 0.12 0.00	32.68 0.03 0.00	35.67 0.63 0.00	36.76 -0.45 0.00	39.37 -0.40 0.00	41.93 0.13 0.00	49.17 1.11 0.00	56.02 1.15 0.00	49.86 1.26 0.00	41.70 0.29 0.48	40.82 0.56 0.04	36.72 0.61 0.01	32.17 0.54 0.00	29.23 0.38 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.35 -0.56 0.00	26.18 -0.78 0.00	24.03 -1.29 0.00	21.95 -1.35 0.00	21.38 -1.17 0.00	23.35 -1.05 0.00	25.29 -1.59 0.00	25.96 -1.19 0.00	27.43 -0.70 0.00	27.18 -1.31 0.00	28.61 -0.61 0.00	31.77 -0.88 0.00	34.94 -0.11 0.00	35.39 -1.82 0.00	37.79 -1.99 0.00	40.31 -1.51 -0.01	47.40 -0.67 -0.01	53.55 -1.32 0.00	47.14 -1.46 0.00	38.72 -2.64 0.53	37.95 -2.30 0.04	34.48 -1.63 0.01	30.43 -1.20 0.00	27.82 -1.04 0.00

SAWYER___23_KV_LOAD 55526	27.35 -0.56 0.00	26.18 -0.78 0.00	24.03 -1.29 0.00	21.95 -1.35 0.00	21.38 -1.17 0.00	23.35 -1.05 0.00	25.29 -1.59 0.00	25.96 -1.19 0.00	27.43 -0.70 0.00	27.18 -1.31 0.00	28.61 -0.61 0.00	31.77 -0.88 0.00	34.94 -0.11 0.00	35.39 -1.82 0.00	37.79 -1.99 0.00	40.31 -1.51 -0.01	47.40 -0.67 -0.01	53.55 -1.32 0.00	47.14 -1.46 0.00	38.72 -2.64 0.53	37.95 -2.30 0.04	34.48 -1.63 0.01	30.43 -1.20 0.00	27.82 -1.04 0.00
SELKIRK___I 23801	28.71 0.81 0.00	27.72 0.75 0.00	25.93 0.61 0.00	23.88 0.58 0.00	23.14 0.59 0.00	24.99 0.58 0.00	27.60 0.73 0.00	27.95 0.79 0.00	28.86 0.73 0.00	29.00 0.51 0.00	29.78 0.55 0.00	33.27 0.62 0.00	35.60 0.56 0.00	37.88 0.67 0.00	40.61 0.84 0.00	42.64 0.84 0.00	49.21 1.15 0.00	56.40 1.53 0.00	50.15 1.55 0.00	43.23 1.34 0.00	41.62 1.33 0.00	37.38 1.26 0.00	32.80 1.17 0.00	29.98 1.12 0.00
SELKIRK___II 23799	28.55 0.64 0.00	27.58 0.62 0.00	25.78 0.46 0.00	23.76 0.47 0.00	23.03 0.47 0.00	24.86 0.46 0.00	27.47 0.59 0.00	27.84 0.68 0.00	28.83 0.70 0.00	29.03 0.54 0.00	29.87 0.64 0.00	33.40 0.75 0.00	35.74 0.70 0.00	38.02 0.82 0.00	40.72 0.95 0.00	42.72 0.92 0.00	49.26 1.20 0.00	56.35 1.48 0.00	49.96 1.36 0.00	43.06 1.17 0.00	41.42 1.13 0.00	37.20 1.08 0.00	32.67 1.04 0.00	29.81 0.95 0.00
SENECA OSWGO___HYD 24041	27.62 -0.28 0.00	26.58 -0.38 0.00	24.84 -0.48 0.00	22.88 -0.42 0.00	22.13 -0.43 0.00	23.96 -0.44 0.00	26.45 -0.43 0.00	26.72 -0.44 0.00	27.65 -0.48 0.00	28.15 -0.34 0.00	28.79 -0.44 0.00	32.19 -0.46 0.00	34.62 -0.42 0.00	36.69 -0.52 -0.01	39.14 -0.64 -0.01	41.31 -0.50 0.00	47.62 -0.39 0.05	54.43 -0.44 0.00	48.11 -0.49 0.00	41.69 -0.63 -0.43	39.76 -0.56 -0.04	35.58 -0.54 -0.01	31.19 -0.44 0.00	28.39 -0.46 0.00
SENECA___115KV_TB3 355854	27.74 -0.17 0.00	26.50 -0.46 0.00	24.33 -0.99 0.00	22.20 -1.09 0.00	21.63 -0.92 0.00	23.65 -0.76 0.00	25.62 -1.26 0.00	26.34 -0.81 0.00	27.82 -0.31 0.00	27.61 -0.88 0.00	29.05 -0.18 0.00	32.29 -0.36 0.00	35.50 0.46 0.00	36.05 -1.15 0.00	38.46 -1.31 0.00	41.02 -0.79 -0.01	48.31 0.24 -0.01	54.54 -0.33 0.00	47.97 -0.63 0.00	39.07 -2.30 0.52	38.32 -1.93 0.04	34.95 -1.16 0.01	30.81 -0.82 0.00	28.19 -0.66 0.00
SENECA___ENERGY 23797	28.02 0.11 0.00	26.88 -0.08 0.00	25.02 -0.30 0.00	23.04 -0.26 0.00	22.24 -0.32 0.00	24.18 -0.22 0.00	26.72 -0.16 0.00	27.18 0.03 0.00	28.13 0.00 0.00	28.83 0.34 0.00	29.34 0.12 0.00	32.78 0.13 0.00	35.43 0.39 0.00	37.28 0.07 0.00	39.65 -0.12 0.00	41.97 0.17 0.00	48.66 0.62 0.03	55.47 0.60 0.00	49.09 0.49 0.00	41.50 -0.25 0.13	40.12 -0.16 0.01	36.08 -0.04 0.00	31.57 -0.06 0.00	28.71 -0.14 0.00
SHOEMAKER___GT 23640	29.10 1.20 0.00	28.04 1.08 0.00	26.23 0.91 0.00	24.02 0.72 0.00	23.30 0.74 0.00	25.23 0.83 0.00	27.96 1.08 0.00	28.43 1.28 0.00	29.53 1.41 0.00	29.83 1.34 0.00	30.74 1.52 0.00	34.35 1.70 0.00	36.83 1.79 0.00	39.14 1.93 0.00	41.92 2.15 0.00	43.94 2.13 0.00	50.94 2.88 0.00	58.16 3.29 0.00	51.42 2.82 0.00	44.06 2.18 0.00	42.39 2.09 0.00	37.96 1.84 0.00	33.27 1.64 0.00	30.33 1.47 0.00
SHOEMAKR_138KV_BK 111 55601	29.10 1.20 0.00	28.01 1.05 0.00	26.21 0.89 0.00	24.09 0.79 0.00	23.30 0.74 0.00	25.23 0.83 0.00	27.93 1.05 0.00	28.49 1.33 0.00	29.54 1.41 0.00	30.03 1.54 0.00	30.78 1.55 0.00	34.35 1.70 0.00	36.83 1.79 0.00	39.25 2.05 0.00	41.92 2.15 0.00	43.94 2.13 0.00	50.94 2.88 0.00	58.16 3.29 0.00	51.42 2.82 0.00	44.07 2.18 0.00	42.39 2.10 0.00	37.92 1.81 0.00	33.27 1.64 0.00	30.30 1.44 0.00
SHOREHAM_IC_1 23715	35.76 2.37 -5.49	30.20 2.16 -1.08	27.35 1.92 -0.11	25.21 1.42 -0.49	24.14 1.58 0.00	26.46 1.93 -0.13	28.98 2.10 0.00	29.57 2.42 0.00	33.11 2.56 -2.42	35.45 2.48 -4.49	34.58 2.78 -2.57	36.56 3.13 -0.77	38.34 3.29 0.00	44.55 3.76 -3.58	45.13 4.10 -1.26	49.93 4.22 -3.90	59.02 5.33 -5.62	64.65 6.20 -3.59	54.86 5.39 -0.86	46.00 4.11 -0.01	43.88 3.58 0.00	39.41 3.29 0.00	34.87 3.10 -0.14	34.05 2.68 -2.51
SHOREHAM_IC_2 23716	35.76 2.37 -5.49	30.20 2.16 -1.08	27.35 1.92 -0.11	25.21 1.42 -0.49	24.14 1.58 0.00	26.46 1.93 -0.13	28.98 2.10 0.00	29.57 2.42 0.00	33.11 2.56 -2.42	35.45 2.48 -4.49	34.58 2.78 -2.57	36.56 3.13 -0.77	38.34 3.29 0.00	44.55 3.76 -3.58	45.13 4.10 -1.26	49.93 4.22 -3.90	59.02 5.33 -5.62	64.65 6.20 -3.59	54.86 5.39 -0.86	46.00 4.11 -0.01	43.88 3.58 0.00	39.41 3.29 0.00	34.87 3.10 -0.14	34.05 2.68 -2.51
SISSONVILLE____ 23735	26.87 -1.03 0.00	26.10 -0.86 0.00	24.74 -0.58 0.00	22.76 -0.54 0.00	22.02 -0.54 0.00	23.82 -0.59 0.00	26.26 -0.62 0.00	26.29 -0.87 0.00	27.14 -0.98 0.00	27.61 -0.88 0.00	28.14 -1.08 0.00	31.31 -1.34 0.00	33.43 -1.61 0.00	35.72 -1.49 0.00	38.14 -1.63 0.00	40.09 -1.71 0.00	43.67 -2.93 1.46	51.57 -3.29 0.00	45.83 -2.77 0.00	40.38 -1.51 0.00	38.80 -1.49 0.00	34.78 -1.34 0.00	30.30 -1.33 0.00	27.93 -0.92 0.00
SITHE_IND_GS1 24169	27.29 -0.61 0.00	26.31 -0.65 0.00	24.61 -0.71 0.00	22.69 -0.61 0.00	21.93 -0.63 0.00	23.74 -0.66 0.00	26.18 -0.70 0.00	26.40 -0.76 0.00	27.34 -0.79 0.00	27.81 -0.68 0.00	28.44 -0.79 0.00	31.77 -0.88 0.00	34.17 -0.87 0.00	36.16 -1.00 0.05	38.57 -1.15 0.05	40.68 -1.13 0.00	46.96 -1.10 0.00	53.55 -1.32 0.00	47.39 -1.21 0.00	36.93 -1.22 3.74	38.86 -1.13 0.31	35.05 -1.01 0.06	30.74 -0.89 0.00	28.05 -0.81 0.00
SITHE_IND_GS2 24170	27.29 -0.61 0.00	26.31 -0.65 0.00	24.61 -0.71 0.00	22.69 -0.61 0.00	21.93 -0.63 0.00	23.74 -0.66 0.00	26.18 -0.70 0.00	26.40 -0.76 0.00	27.34 -0.79 0.00	27.81 -0.68 0.00	28.44 -0.79 0.00	31.77 -0.88 0.00	34.17 -0.87 0.00	36.16 -1.00 0.05	38.57 -1.15 0.05	40.68 -1.13 0.00	46.96 -1.10 0.00	53.55 -1.32 0.00	47.39 -1.21 0.00	36.93 -1.22 3.74	38.86 -1.13 0.31	35.05 -1.01 0.06	30.74 -0.89 0.00	28.05 -0.81 0.00
SITHE_IND_GS3 24171	27.29 -0.61 0.00	26.31 -0.65 0.00	24.61 -0.71 0.00	22.69 -0.61 0.00	21.93 -0.63 0.00	23.74 -0.66 0.00	26.18 -0.70 0.00	26.40 -0.76 0.00	27.34 -0.79 0.00	27.81 -0.68 0.00	28.44 -0.79 0.00	31.77 -0.88 0.00	34.17 -0.87 0.00	36.16 -1.00 0.05	38.57 -1.15 0.05	40.68 -1.13 0.00	46.96 -1.10 0.00	53.55 -1.32 0.00	47.39 -1.21 0.00	36.93 -1.22 3.74	38.86 -1.13 0.31	35.05 -1.01 0.06	30.74 -0.89 0.00	28.05 -0.81 0.00
SITHE_IND_GS4 24172	27.29 -0.61 0.00	26.31 -0.65 0.00	24.61 -0.71 0.00	22.69 -0.61 0.00	21.93 -0.63 0.00	23.74 -0.66 0.00	26.18 -0.70 0.00	26.40 -0.76 0.00	27.34 -0.79 0.00	27.81 -0.68 0.00	28.44 -0.79 0.00	31.77 -0.88 0.00	34.17 -0.87 0.00	36.16 -1.00 0.05	38.57 -1.15 0.05	40.68 -1.13 0.00	46.96 -1.10 0.00	53.55 -1.32 0.00	47.39 -1.21 0.00	36.93 -1.22 3.74	38.86 -1.13 0.31	35.05 -1.01 0.06	30.74 -0.89 0.00	28.05 -0.81 0.00

SITHE___BATAVIA 24024	28.07 0.17 0.00	26.83 -0.13 0.00	24.71 -0.61 0.00	22.92 -0.37 0.00	21.88 -0.68 0.00	23.99 -0.41 0.00	26.23 -0.65 0.00	27.02 -0.14 0.00	28.13 0.00 0.00	29.37 0.88 0.00	29.40 0.18 0.00	32.52 -0.13 0.00	35.71 0.66 0.00	37.16 -0.04 0.00	39.05 -0.71 0.00	41.64 -0.17 0.00	48.83 0.77 0.00	55.53 0.66 0.00	48.99 0.39 0.00	40.50 -0.84 0.55	39.68 -0.56 0.05	35.78 -0.33 0.01	31.47 -0.16 0.00	28.69 -0.17 0.00
SITHE___INDEPEND 23800	27.29 -0.61 0.00	26.31 -0.65 0.00	24.61 -0.71 0.00	22.62 -0.68 0.00	21.93 -0.63 0.00	23.74 -0.66 0.00	26.13 -0.75 0.00	26.37 -0.79 0.00	27.31 -0.82 0.00	27.63 -0.85 0.00	28.44 -0.79 0.00	31.77 -0.88 0.00	34.17 -0.88 0.00	36.08 -1.08 0.05	38.57 -1.15 0.05	40.68 -1.13 0.00	46.96 -1.11 0.00	53.55 -1.32 0.00	47.38 -1.21 0.00	36.93 -1.21 3.74	38.86 -1.13 0.31	35.05 -1.01 0.06	30.74 -0.89 0.00	28.05 -0.81 0.00
SITHE___MASSENA 23902	27.43 -0.47 0.00	26.67 -0.30 0.00	25.25 -0.08 0.00	23.20 -0.09 0.00	22.47 -0.09 0.00	24.30 -0.10 0.00	26.69 -0.19 0.00	26.80 -0.35 0.00	27.71 -0.42 0.00	28.09 -0.40 0.00	28.73 -0.50 0.00	32.06 -0.59 0.00	34.38 -0.67 0.00	36.61 -0.60 0.00	39.18 -0.60 0.00	41.14 -0.67 0.00	44.32 -1.63 2.11	52.94 -1.92 0.00	47.00 -1.60 0.00	41.22 -0.67 0.00	39.65 -0.65 0.00	35.47 -0.65 0.00	30.93 -0.70 0.00	28.39 -0.46 0.00
SITHE___OGDNSBRG 24021	27.54 -0.36 0.00	26.77 -0.19 0.00	25.37 0.05 0.00	23.32 0.02 0.00	22.56 0.00 0.00	24.40 0.00 0.00	26.88 0.00 0.00	26.86 -0.30 0.00	27.68 -0.45 0.00	28.09 -0.40 0.00	28.61 -0.61 0.00	31.90 -0.75 0.00	34.17 -0.88 0.00	36.46 -0.74 0.00	38.98 -0.80 0.00	40.97 -0.84 0.00	44.43 -1.92 1.71	52.78 -2.08 0.00	47.00 -1.60 0.00	41.43 -0.46 0.00	39.85 -0.44 0.00	35.65 -0.47 0.00	31.03 -0.60 0.00	28.51 -0.35 0.00
SITHE___STERLING 23777	28.88 0.98 0.00	27.80 0.84 0.00	25.98 0.66 0.00	23.83 0.54 0.00	23.08 0.52 0.00	25.01 0.61 0.00	27.60 0.73 0.00	28.00 0.84 0.00	28.95 0.82 0.00	29.37 0.88 0.00	30.04 0.82 0.00	33.53 0.88 0.00	36.09 1.05 0.00	38.36 1.15 0.00	40.88 1.11 0.00	43.10 1.30 0.00	49.80 1.83 0.08	57.17 2.30 0.00	50.59 1.99 0.00	43.23 1.47 0.12	41.69 1.41 0.01	37.34 1.23 0.00	32.55 0.92 0.00	29.64 0.78 0.00
SLEIGHT__34_KV_TB1 80719	27.74 -0.17 0.00	26.61 -0.35 0.00	24.71 -0.61 0.00	22.60 -0.70 0.00	21.95 -0.61 0.00	23.89 -0.51 0.00	26.23 -0.65 0.00	26.75 -0.41 0.00	27.88 -0.25 0.00	28.03 -0.46 0.00	29.05 -0.18 0.00	32.42 -0.23 0.00	35.22 0.18 0.00	36.79 -0.41 0.01	39.37 -0.40 0.01	41.72 -0.08 0.00	48.44 0.38 0.00	55.14 0.27 0.00	48.75 0.15 0.00	41.03 -0.42 0.44	39.89 -0.36 0.04	35.75 -0.36 0.01	31.31 -0.32 0.00	28.51 -0.35 0.00
SOUTH CAIRO___GT 23612	29.47 1.56 0.00	28.42 1.46 0.00	26.59 1.27 0.00	24.44 1.14 0.00	23.66 1.11 0.00	25.52 1.12 0.00	28.20 1.32 0.00	28.46 1.30 0.00	29.34 1.21 0.00	29.49 1.00 0.00	30.16 0.94 0.00	33.73 1.08 0.00	36.27 1.23 0.00	38.70 1.49 0.00	41.56 1.79 0.00	43.73 1.92 0.00	50.56 2.50 0.00	58.21 3.35 0.00	51.95 3.35 0.00	44.82 2.93 0.00	43.23 2.94 0.00	38.72 2.60 0.00	33.78 2.15 0.00	30.91 2.05 0.00
SOUTH HAMPTN___IC 23720	36.35 2.96 -5.49	30.77 2.72 -1.08	27.89 2.46 -0.11	25.65 1.86 -0.49	24.56 2.01 0.00	26.90 2.37 -0.13	29.46 2.58 0.00	30.09 2.93 0.00	33.79 3.23 -2.42	36.17 3.19 -4.49	35.45 3.65 -2.57	37.61 4.18 -0.77	39.49 4.45 0.00	45.78 4.99 -3.58	46.48 5.45 -1.26	51.31 5.64 -3.86	60.67 7.07 -5.55	66.52 8.12 -3.54	56.51 7.04 -0.86	47.30 5.41 -0.01	45.04 4.75 0.00	40.45 4.33 0.00	35.69 3.92 -0.14	34.77 3.40 -2.51
SOUTHDOWN_115KV_TB1 355954	28.71 0.81 0.00	27.37 0.40 0.00	25.04 -0.28 0.00	22.83 -0.47 0.00	22.22 -0.34 0.00	24.30 -0.10 0.00	26.45 -0.43 0.00	27.37 0.22 0.00	28.86 0.73 0.00	28.77 0.28 0.00	30.25 1.02 0.00	33.66 1.01 0.00	36.90 1.86 0.00	37.62 0.41 0.00	40.09 0.32 0.00	42.73 0.92 -0.01	50.28 2.21 -0.01	56.68 1.81 0.00	49.81 1.21 0.00	40.10 -1.30 0.49	39.37 -0.89 0.04	36.04 -0.07 0.01	31.69 0.06 0.00	28.94 0.09 0.00
SOUTHOLD_69_KV_BK 2 55809	37.05 3.66 -5.49	31.41 3.37 -1.08	28.47 3.04 -0.11	26.54 2.75 -0.49	25.06 2.50 0.00	27.43 2.90 -0.13	29.97 3.09 0.00	30.85 3.69 0.00	34.49 3.94 -2.42	37.16 4.19 -4.49	36.39 4.59 -2.57	38.75 5.32 -0.77	40.72 5.68 0.00	47.23 6.44 -3.58	47.95 6.92 -1.26	52.94 7.27 -3.86	62.65 9.04 -5.55	68.83 10.42 -3.54	58.50 9.04 -0.86	48.85 6.95 -0.01	46.42 6.12 0.00	41.68 5.56 0.00	36.64 4.87 -0.14	35.61 4.24 -2.51
SOUTHOLD___IC 23719	37.05 3.65 -5.49	31.41 3.37 -1.08	28.47 3.04 -0.11	26.17 2.38 -0.49	25.06 2.50 0.00	27.43 2.90 -0.13	30.02 3.14 0.00	30.71 3.56 0.00	34.49 3.94 -2.42	36.96 3.99 -4.49	36.39 4.59 -2.57	38.75 5.32 -0.77	40.76 5.71 0.00	47.19 6.40 -3.58	47.95 6.92 -1.26	52.94 7.27 -3.86	62.64 9.03 -5.55	68.83 10.43 -3.54	58.50 9.04 -0.86	48.85 6.96 -0.01	46.41 6.12 0.00	41.68 5.56 0.00	36.64 4.87 -0.14	35.58 4.21 -2.51
SOUTH_FORK_WT_PWR 323839	37.16 3.77 -5.49	31.55 3.50 -1.08	28.57 3.14 -0.11	26.26 2.47 -0.49	25.15 2.59 0.00	27.53 3.00 -0.13	30.10 3.22 0.00	30.82 3.66 0.00	34.61 4.05 -2.42	37.08 4.10 -4.49	36.56 4.77 -2.57	38.94 5.52 -0.77	40.93 5.89 0.00	47.41 6.62 -3.58	48.19 7.16 -1.26	53.19 7.52 -3.86	62.93 9.33 -5.55	69.16 10.76 -3.54	58.80 9.33 -0.86	49.06 7.16 -0.01	46.62 6.33 0.00	41.86 5.74 0.00	36.80 5.03 -0.14	35.73 4.36 -2.51
SPIERFLS_115KV_TB 1 80737	30.36 2.46 0.00	29.23 2.26 0.00	27.19 1.87 0.00	24.97 1.68 0.00	24.11 1.56 0.00	26.21 1.81 0.00	29.16 2.28 0.00	29.52 2.36 0.00	30.55 2.42 0.00	30.77 2.28 0.00	31.30 2.08 0.00	35.04 2.38 0.00	37.43 2.38 0.00	39.77 2.57 0.00	42.67 2.90 0.00	45.11 3.30 0.00	52.15 4.09 0.00	59.91 5.05 0.00	53.85 5.25 0.00	46.29 4.40 0.00	44.80 4.51 0.00	40.05 3.94 0.00	34.82 3.19 0.00	31.83 2.97 0.00
ST LAWRENCE____ 23600	27.26 -0.64 0.00	26.48 -0.48 0.00	25.07 -0.25 0.00	23.06 -0.23 0.00	22.33 -0.23 0.00	24.13 -0.27 0.00	26.48 -0.40 0.00	26.61 -0.54 0.00	27.54 -0.59 0.00	27.92 -0.57 0.00	28.61 -0.62 0.00	31.96 -0.69 0.00	34.27 -0.77 0.00	36.46 -0.74 0.00	38.98 -0.80 0.00	40.97 -0.84 0.00	46.73 -1.49 -0.16	53.17 -1.70 0.00	47.14 -1.46 0.00	41.01 -0.88 0.00	39.41 -0.89 0.00	35.29 -0.83 0.00	30.84 -0.79 0.00	28.20 -0.66 0.00
STATE_CA_115KV_115_LB 55624	28.63 0.73 0.00	27.66 0.70 0.00	25.85 0.53 0.00	23.86 0.56 0.00	23.08 0.52 0.00	24.94 0.54 0.00	27.55 0.67 0.00	27.97 0.81 0.00	28.94 0.82 0.00	29.26 0.77 0.00	29.99 0.76 0.00	33.53 0.88 0.00	35.88 0.84 0.00	38.25 1.04 0.00	40.92 1.15 0.00	42.98 1.17 0.00	49.55 1.49 0.00	56.73 1.87 0.00	50.30 1.70 0.00	43.31 1.42 0.00	41.70 1.41 0.00	37.42 1.30 0.00	32.90 1.27 0.00	30.04 1.18 0.00

STATE_ST_34_KV_LOAD 55959	28.15 0.25 0.00	27.10 0.13 0.00	25.27 -0.05 0.00	23.18 -0.12 0.00	22.47 -0.09 0.00	24.38 -0.02 0.00	26.91 0.03 0.00	27.29 0.14 0.00	28.30 0.17 0.00	28.63 0.14 0.00	29.46 0.23 0.00	32.98 0.33 0.00	35.57 0.53 0.00	37.50 0.30 0.00	40.09 0.32 0.00	42.39 0.59 0.00	48.99 0.96 0.03	55.85 0.99 0.00	49.57 0.97 0.00	42.26 0.38 0.00	40.70 0.40 0.00	36.48 0.36 0.00	31.91 0.28 0.00	29.03 0.17 0.00
STATION 5_MISC_HYD 23604	27.79 -0.11 0.00	26.64 -0.32 0.00	24.66 -0.66 0.00	22.81 -0.49 0.00	21.88 -0.68 0.00	23.86 -0.54 0.00	26.18 -0.70 0.00	26.80 -0.35 0.00	27.88 -0.25 0.00	28.83 0.34 0.00	29.11 -0.12 0.00	32.33 -0.33 0.00	35.25 0.21 0.00	36.90 -0.30 0.01	39.05 -0.71 0.01	41.52 -0.29 0.00	48.40 0.34 0.00	55.03 0.17 0.00	48.55 -0.05 0.00	40.64 -0.67 0.58	39.68 -0.56 0.05	35.60 -0.51 0.01	31.25 -0.38 0.00	28.48 -0.38 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.07 0.17 0.00	26.91 -0.05 0.00	24.94 -0.38 0.00	22.81 -0.49 0.00	22.15 -0.41 0.00	24.13 -0.27 0.00	26.48 -0.40 0.00	27.05 -0.11 0.00	28.19 0.06 0.00	28.29 -0.20 0.00	29.34 0.12 0.00	32.78 0.13 0.00	35.60 0.56 0.00	37.16 -0.04 0.01	39.73 -0.04 0.01	42.18 0.38 0.00	49.07 1.01 0.00	55.85 0.99 0.00	49.28 0.68 0.00	41.41 -0.04 0.43	40.26 0.00 0.04	36.11 0.00 0.01	31.66 0.03 0.00	28.80 -0.06 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.65 -0.25 0.00	26.50 -0.46 0.00	24.54 -0.78 0.00	22.44 -0.86 0.00	21.79 -0.77 0.00	23.74 -0.66 0.00	25.96 -0.91 0.00	26.53 -0.62 0.00	27.76 -0.37 0.00	27.78 -0.71 0.00	28.90 -0.32 0.00	32.23 -0.42 0.00	35.11 0.07 0.00	36.42 -0.78 0.01	38.97 -0.80 0.01	41.43 -0.38 0.00	48.25 0.19 0.00	54.87 0.00 0.00	48.41 -0.19 0.00	40.56 -0.75 0.57	39.56 -0.68 0.05	35.49 -0.61 0.01	31.16 -0.47 0.00	28.37 -0.49 0.00
STA_56___34_KV_BUS2 355983	27.65 -0.25 0.00	26.50 -0.46 0.00	24.54 -0.78 0.00	22.44 -0.86 0.00	21.79 -0.77 0.00	23.74 -0.66 0.00	25.96 -0.91 0.00	26.53 -0.62 0.00	27.76 -0.37 0.00	27.78 -0.71 0.00	28.90 -0.32 0.00	32.23 -0.42 0.00	35.11 0.07 0.00	36.42 -0.78 0.01	38.97 -0.80 0.01	41.43 -0.38 0.00	48.25 0.19 0.00	54.87 0.00 0.00	48.41 -0.19 0.00	40.56 -0.75 0.57	39.56 -0.68 0.05	35.49 -0.61 0.01	31.16 -0.47 0.00	28.37 -0.49 0.00
STA_67___115KV_BK2 355882	27.71 -0.20 0.00	26.56 -0.40 0.00	24.56 -0.76 0.00	22.46 -0.84 0.00	21.83 -0.72 0.00	23.77 -0.63 0.00	25.99 -0.89 0.00	26.56 -0.60 0.00	27.79 -0.34 0.00	27.78 -0.71 0.00	28.93 -0.29 0.00	32.23 -0.42 0.00	35.15 0.11 0.00	36.38 -0.82 0.01	38.93 -0.84 0.01	41.39 -0.42 0.00	48.20 0.14 0.00	54.81 -0.05 0.00	48.36 -0.24 0.00	40.55 -0.75 0.58	39.56 -0.68 0.05	35.49 -0.61 0.01	31.19 -0.44 0.00	28.40 -0.46 0.00
STA_7___115KV_9TRANS 80674	27.93 0.03 0.00	26.77 -0.19 0.00	24.74 -0.58 0.00	22.62 -0.68 0.00	21.97 -0.59 0.00	23.94 -0.46 0.00	26.15 -0.73 0.00	26.75 -0.41 0.00	28.02 -0.11 0.00	28.01 -0.48 0.00	29.17 -0.06 0.00	32.52 -0.13 0.00	35.46 0.42 0.00	36.75 -0.45 0.01	39.33 -0.44 0.01	41.85 0.04 0.00	48.78 0.72 0.00	55.47 0.60 0.00	48.94 0.34 0.00	40.97 -0.34 0.58	39.96 -0.28 0.05	35.85 -0.25 0.01	31.44 -0.19 0.00	28.63 -0.23 0.00
STA_82___115KV_TB1 80780	27.71 -0.20 0.00	26.58 -0.38 0.00	24.59 -0.73 0.00	22.48 -0.82 0.00	21.83 -0.72 0.00	23.79 -0.61 0.00	25.99 -0.89 0.00	26.56 -0.60 0.00	27.82 -0.31 0.00	27.78 -0.71 0.00	28.93 -0.29 0.00	32.26 -0.39 0.00	35.15 0.11 0.00	36.42 -0.78 0.01	38.93 -0.84 0.01	41.39 -0.42 0.00	48.25 0.19 0.00	54.87 0.00 0.00	48.41 -0.19 0.00	40.56 -0.75 0.57	39.56 -0.68 0.05	35.53 -0.58 0.01	31.19 -0.44 0.00	28.40 -0.46 0.00
STEEL___WIND 323596	27.74 -0.17 0.00	26.48 -0.48 0.00	24.36 -0.96 0.00	22.65 -0.65 0.00	21.63 -0.93 0.00	23.69 -0.71 0.00	25.83 -1.05 0.00	26.64 -0.52 0.00	27.79 -0.34 0.00	29.17 0.68 0.00	29.20 -0.03 0.00	32.26 -0.39 0.00	35.50 0.45 0.00	36.76 -0.44 0.00	38.42 -1.35 0.00	40.98 -0.84 -0.01	48.21 0.14 -0.01	54.49 -0.38 0.00	48.02 -0.58 0.00	39.03 -2.34 0.52	38.28 -1.97 0.04	34.92 -1.19 0.01	30.78 -0.85 0.00	28.16 -0.69 0.00
STEPHTWN_115KV_BK_2 55603	28.80 0.89 0.00	27.80 0.84 0.00	25.95 0.63 0.00	23.95 0.65 0.00	23.17 0.61 0.00	25.04 0.63 0.00	27.69 0.81 0.00	28.11 0.95 0.00	29.09 0.96 0.00	29.40 0.91 0.00	30.13 0.91 0.00	33.70 1.04 0.00	36.06 1.02 0.00	38.43 1.23 0.00	41.16 1.39 0.00	43.27 1.46 0.00	49.94 1.87 0.00	57.17 2.30 0.00	50.74 2.14 0.00	43.65 1.76 0.00	41.98 1.69 0.00	37.67 1.55 0.00	33.12 1.49 0.00	30.24 1.39 0.00
STEUBEN_REC_LFGE 323667	29.33 1.42 0.00	27.90 0.94 0.00	25.73 0.41 0.00	23.41 0.12 0.00	22.76 0.20 0.00	24.94 0.54 0.00	27.36 0.48 0.00	28.13 0.98 0.00	29.25 1.13 0.00	29.40 0.91 0.00	30.69 1.46 0.00	34.35 1.70 0.00	37.46 2.42 0.00	38.54 1.34 0.00	41.08 1.31 0.00	43.61 1.80 0.00	51.14 3.08 0.00	57.94 3.07 0.00	50.93 2.33 0.00	41.30 -0.25 0.34	40.30 0.04 0.03	36.72 0.61 0.01	32.10 0.47 0.00	29.26 0.40 0.00
STILLWATER___SOLAR 323814	29.91 2.01 0.00	28.85 1.89 0.00	26.87 1.54 0.00	24.67 1.37 0.00	23.86 1.31 0.00	25.89 1.49 0.00	28.76 1.88 0.00	29.09 1.93 0.00	30.07 1.94 0.00	30.23 1.74 0.00	30.98 1.75 0.00	34.68 2.03 0.00	37.07 2.03 0.00	39.40 2.19 0.00	42.28 2.51 0.00	44.56 2.76 0.00	51.47 3.41 0.00	59.03 4.17 0.00	52.68 4.08 0.00	45.32 3.44 0.00	43.76 3.47 0.00	39.18 3.07 0.00	34.16 2.53 0.00	31.22 2.37 0.00
STONY___BROOK 24151	35.85 2.46 -5.49	30.31 2.27 -1.08	27.43 2.00 -0.11	25.30 1.51 -0.49	24.20 1.65 0.00	26.48 1.95 -0.13	29.03 2.15 0.00	29.71 2.55 0.00	33.39 2.84 -2.42	35.74 2.76 -4.49	34.87 3.07 -2.57	36.79 3.36 -0.77	38.58 3.54 0.00	44.73 3.94 -3.58	45.33 4.30 -1.26	49.97 4.18 -3.99	59.15 5.29 -5.81	64.66 6.09 -3.71	54.72 5.25 -0.87	46.09 4.19 -0.02	44.00 3.70 0.00	39.59 3.47 0.00	35.06 3.29 -0.14	34.26 2.89 -2.51
STURGEON_POOL_HYD 23609	29.33 1.42 0.00	28.23 1.27 0.00	26.41 1.09 0.00	24.25 0.96 0.00	23.46 0.90 0.00	25.38 0.98 0.00	28.09 1.21 0.00	28.73 1.58 0.00	29.84 1.72 0.00	30.40 1.91 0.00	31.16 1.93 0.00	34.81 2.16 0.00	37.36 2.31 0.00	39.85 2.64 0.00	42.56 2.78 0.00	44.52 2.72 0.00	51.67 3.60 0.00	58.87 4.01 0.00	51.95 3.35 0.00	44.48 2.60 0.00	42.75 2.46 0.00	38.28 2.17 0.00	33.50 1.87 0.00	30.53 1.67 0.00
ST_LAW_115_BK7_LBMP 345037	27.23 -0.67 0.00	26.45 -0.51 0.00	25.04 -0.28 0.00	23.04 -0.26 0.00	22.31 -0.25 0.00	24.13 -0.27 0.00	26.45 -0.43 0.00	26.56 -0.60 0.00	27.51 -0.62 0.00	27.86 -0.63 0.00	28.56 -0.67 0.00	31.90 -0.75 0.00	34.20 -0.84 0.00	36.39 -0.82 0.00	38.93 -0.84 0.00	40.89 -0.92 0.00	46.63 -1.63 -0.21	53.00 -1.87 0.00	47.00 -1.60 0.00	40.93 -0.96 0.00	39.32 -0.97 0.00	35.21 -0.90 0.00	30.78 -0.85 0.00	28.14 -0.72 0.00

ST_LAW_115_BK8_LBMP 345038	27.23 -0.67 0.00	26.45 -0.51 0.00	25.04 -0.28 0.00	23.04 -0.26 0.00	22.31 -0.25 0.00	24.13 -0.27 0.00	26.45 -0.43 0.00	26.56 -0.60 0.00	27.51 -0.62 0.00	27.86 -0.63 0.00	28.56 -0.67 0.00	31.90 -0.75 0.00	34.20 -0.84 0.00	36.39 -0.82 0.00	38.93 -0.84 0.00	40.89 -0.92 0.00	46.63 -1.63 -0.21	53.00 -1.87 0.00	47.00 -1.60 0.00	40.93 -0.96 0.00	39.32 -0.97 0.00	35.21 -0.90 0.00	30.78 -0.85 0.00	28.14 -0.72 0.00
ST_LAW_230_BK5_LBMP 345035	27.26 -0.64 0.00	26.48 -0.48 0.00	25.07 -0.25 0.00	23.06 -0.23 0.00	22.33 -0.23 0.00	24.13 -0.27 0.00	26.48 -0.40 0.00	26.61 -0.54 0.00	27.54 -0.59 0.00	27.92 -0.57 0.00	28.61 -0.62 0.00	31.96 -0.69 0.00	34.27 -0.77 0.00	36.46 -0.74 0.00	38.98 -0.80 0.00	40.97 -0.84 0.00	46.70 -1.49 -0.12	53.17 -1.70 0.00	47.14 -1.46 0.00	41.01 -0.88 0.00	39.41 -0.89 0.00	35.29 -0.83 0.00	30.84 -0.79 0.00	28.20 -0.66 0.00
ST_LAW_230_BK6_LBMP 345036	27.26 -0.64 0.00	26.48 -0.48 0.00	25.07 -0.25 0.00	23.06 -0.23 0.00	22.33 -0.23 0.00	24.13 -0.27 0.00	26.48 -0.40 0.00	26.61 -0.54 0.00	27.54 -0.59 0.00	27.92 -0.57 0.00	28.61 -0.62 0.00	31.96 -0.69 0.00	34.27 -0.77 0.00	36.46 -0.74 0.00	38.98 -0.80 0.00	40.97 -0.84 0.00	46.70 -1.49 -0.12	53.17 -1.70 0.00	47.14 -1.46 0.00	41.01 -0.88 0.00	39.41 -0.89 0.00	35.29 -0.83 0.00	30.84 -0.79 0.00	28.20 -0.66 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.24 1.34 0.00	28.15 1.19 0.00	26.31 0.99 0.00	24.16 0.86 0.00	23.39 0.83 0.00	25.33 0.93 0.00	28.06 1.18 0.00	28.68 1.52 0.00	29.76 1.63 0.00	30.28 1.79 0.00	31.01 1.78 0.00	34.64 1.99 0.00	37.11 2.07 0.00	39.55 2.34 0.00	42.28 2.51 0.00	44.31 2.51 0.00	51.38 3.32 0.00	58.60 3.73 0.00	51.81 3.21 0.00	44.36 2.47 0.00	42.63 2.34 0.00	38.14 2.02 0.00	33.46 1.83 0.00	30.50 1.64 0.00
SWANROAD_115KV_TB1 355699	26.87 -1.03 0.00	25.72 -1.24 0.00	23.60 -1.72 0.00	21.57 -1.72 0.00	21.02 -1.53 0.00	22.96 -1.44 0.00	24.81 -2.07 0.00	25.45 -1.71 0.00	26.92 -1.21 0.00	26.61 -1.88 0.00	28.03 -1.20 0.00	31.08 -1.57 0.00	34.20 -0.84 0.00	34.60 -2.60 0.00	36.91 -2.86 0.00	39.39 -2.42 0.00	46.33 -1.73 0.00	52.40 -2.47 0.00	46.12 -2.48 0.00	38.08 -3.27 0.54	37.31 -2.94 0.04	33.83 -2.28 0.01	29.89 -1.74 0.00	27.33 -1.53 0.00
SYNERGY___BIOGAS 323694	28.07 0.17 0.00	26.83 -0.13 0.00	24.71 -0.61 0.00	22.92 -0.37 0.00	21.88 -0.68 0.00	23.99 -0.41 0.00	26.23 -0.65 0.00	27.02 -0.14 0.00	28.13 0.00 0.00	29.37 0.88 0.00	29.40 0.18 0.00	32.52 -0.13 0.00	35.71 0.66 0.00	37.16 -0.04 0.00	39.05 -0.71 0.00	41.64 -0.17 0.00	48.83 0.77 0.00	55.53 0.66 0.00	48.99 0.39 0.00	40.50 -0.84 0.55	39.68 -0.56 0.05	35.78 -0.33 0.01	31.47 -0.16 0.00	28.69 -0.17 0.00
SYRACUSE___ENERGY_ST1 323597	28.10 0.20 0.00	27.04 0.08 0.00	25.27 -0.05 0.00	23.20 -0.09 0.00	22.47 -0.09 0.00	24.35 -0.05 0.00	26.88 0.00 0.00	27.21 0.05 0.00	28.16 0.03 0.00	28.52 0.03 0.00	29.34 0.12 0.00	32.85 0.20 0.00	35.36 0.32 0.00	37.39 0.19 0.00	39.97 0.20 0.00	42.18 0.38 0.00	48.60 0.58 0.03	55.42 0.55 0.00	49.04 0.44 0.00	41.97 0.08 0.00	40.41 0.12 0.00	36.22 0.11 0.00	31.69 0.06 0.00	28.89 0.03 0.00
SYRACUSE___ENERGY_ST2 323598	28.10 0.20 0.00	27.04 0.08 0.00	25.27 -0.05 0.00	23.20 -0.09 0.00	22.47 -0.09 0.00	24.35 -0.05 0.00	26.88 0.00 0.00	27.21 0.05 0.00	28.16 0.03 0.00	28.52 0.03 0.00	29.34 0.12 0.00	32.85 0.20 0.00	35.36 0.32 0.00	37.39 0.19 0.00	39.97 0.20 0.00	42.18 0.38 0.00	48.60 0.58 0.03	55.42 0.55 0.00	49.04 0.44 0.00	41.97 0.08 0.00	40.41 0.12 0.00	36.22 0.11 0.00	31.69 0.06 0.00	28.89 0.03 0.00
SYRACUSE___POWER 24017	27.93 0.03 0.00	26.88 -0.08 0.00	25.12 -0.20 0.00	23.06 -0.23 0.00	22.35 -0.20 0.00	24.21 -0.20 0.00	26.69 -0.19 0.00	27.02 -0.14 0.00	28.02 -0.11 0.00	28.38 -0.11 0.00	29.20 -0.03 0.00	32.65 0.00 0.00	35.15 0.11 0.00	37.17 -0.04 0.00	39.73 -0.04 0.00	41.89 0.08 0.00	48.36 0.34 0.04	55.14 0.27 0.00	48.94 0.34 0.00	41.71 0.00 0.18	40.32 0.04 0.01	36.15 0.04 0.00	31.66 0.03 0.00	28.83 -0.03 0.00
TALLMAN___138KV_BK151 55660	29.38 1.48 0.00	28.26 1.29 0.00	26.44 1.11 0.00	24.28 0.98 0.00	23.48 0.92 0.00	25.45 1.05 0.00	28.22 1.34 0.00	28.90 1.74 0.00	29.96 1.83 0.00	30.54 2.05 0.00	31.27 2.05 0.00	34.90 2.25 0.00	37.39 2.35 0.00	39.89 2.68 0.00	42.60 2.82 0.00	44.61 2.80 0.00	51.81 3.75 0.00	59.04 4.17 0.00	52.15 3.55 0.00	44.61 2.72 0.00	42.87 2.58 0.00	38.32 2.20 0.00	33.69 2.06 0.00	30.68 1.82 0.00
TEALLAVE_115KV_TB7 355573	27.90 0.00 0.00	26.85 -0.11 0.00	25.09 -0.23 0.00	23.04 -0.26 0.00	22.33 -0.23 0.00	24.21 -0.20 0.00	26.66 -0.22 0.00	27.02 -0.14 0.00	27.99 -0.14 0.00	28.32 -0.17 0.00	29.17 -0.06 0.00	32.62 -0.03 0.00	35.11 0.07 0.00	37.13 -0.07 0.00	39.65 -0.12 0.00	41.81 0.00 0.00	48.26 0.24 0.04	55.09 0.22 0.00	48.70 0.10 0.00	41.43 -0.21 0.25	40.11 -0.16 0.02	36.00 -0.11 0.00	31.54 -0.09 0.00	28.71 -0.14 0.00
TELGRAPH_34_KV_EAST 80808	27.60 -0.31 0.00	26.40 -0.57 0.00	24.23 -1.09 0.00	22.13 -1.16 0.00	21.54 -1.02 0.00	23.55 -0.85 0.00	25.53 -1.34 0.00	26.23 -0.92 0.00	27.68 -0.45 0.00	27.41 -1.08 0.00	28.82 -0.41 0.00	32.00 -0.65 0.00	35.18 0.14 0.00	35.79 -1.41 0.00	38.26 -1.51 0.00	40.81 -1.00 0.00	47.92 -0.14 0.00	54.32 -0.55 0.00	47.82 -0.78 0.00	39.54 -1.80 0.55	38.72 -1.53 0.05	34.99 -1.12 0.01	30.84 -0.79 0.00	28.17 -0.69 0.00
TEMPLE___115KV_TB 2 55572	27.93 0.03 0.00	26.88 -0.08 0.00	25.09 -0.23 0.00	23.04 -0.26 0.00	22.33 -0.23 0.00	24.21 -0.20 0.00	26.69 -0.19 0.00	27.02 -0.14 0.00	28.02 -0.11 0.00	28.35 -0.14 0.00	29.20 -0.03 0.00	32.65 0.00 0.00	35.15 0.11 0.00	37.17 -0.04 0.00	39.69 -0.08 0.00	41.85 0.04 0.00	48.31 0.29 0.04	55.14 0.27 0.00	48.75 0.15 0.00	41.47 -0.17 0.25	40.15 -0.12 0.02	36.00 -0.11 0.00	31.54 -0.09 0.00	28.74 -0.12 0.00
TIANA____69_KV_BK 1 55817	36.18 2.79 -5.49	30.60 2.56 -1.08	27.73 2.30 -0.11	25.88 2.10 -0.49	24.45 1.89 0.00	26.78 2.24 -0.13	29.27 2.39 0.00	30.12 2.96 0.00	33.62 3.07 -2.42	36.25 3.28 -4.49	35.25 3.45 -2.57	37.34 3.92 -0.77	39.18 4.14 0.00	45.55 4.76 -3.58	46.12 5.09 -1.26	50.94 5.27 -3.86	60.19 6.58 -5.55	66.03 7.63 -3.54	56.07 6.61 -0.86	46.96 5.07 -0.01	44.76 4.47 0.00	40.20 4.08 0.00	35.47 3.70 -0.14	34.60 3.23 -2.51
TILDEN___115KV_TB1 80814	27.93 0.03 0.00	26.88 -0.08 0.00	25.12 -0.20 0.00	23.06 -0.23 0.00	22.35 -0.20 0.00	24.21 -0.20 0.00	26.69 -0.19 0.00	27.02 -0.14 0.00	28.02 -0.11 0.00	28.38 -0.11 0.00	29.20 -0.03 0.00	32.65 0.00 0.00	35.15 0.11 0.00	37.17 -0.04 0.00	39.73 -0.04 0.00	41.89 0.08 0.00	48.36 0.34 0.04	55.14 0.27 0.00	48.94 0.34 0.00	41.71 0.00 0.18	40.32 0.04 0.01	36.15 0.04 0.00	31.66 0.03 0.00	28.83 -0.03 0.00

TRIGEN___CC 323695	35.48 2.09 -5.49	29.93 1.89 -1.08	27.05 1.62 -0.11	25.23 1.44 -0.49	23.91 1.35 0.00	26.07 1.54 -0.13	28.68 1.80 0.00	29.47 2.31 0.00	33.09 2.53 -2.42	35.71 2.73 -4.49	34.57 2.78 -2.57	36.53 3.10 -0.77	38.27 3.22 0.00	44.45 3.57 -3.67	44.76 3.74 -1.25	59.11 3.72 -13.58	79.68 4.81 -26.81	77.35 5.43 -17.05	54.12 4.67 -0.85	45.45 3.56 0.00	43.56 3.26 0.00	39.11 3.00 0.00	34.58 2.82 -0.14	33.85 2.48 -2.51
TRINITY___115KV___4 BK 55933	28.52 0.61 0.00	27.53 0.57 0.00	25.75 0.43 0.00	23.79 0.49 0.00	23.01 0.45 0.00	24.84 0.44 0.00	27.42 0.54 0.00	27.86 0.71 0.00	28.80 0.68 0.00	29.12 0.63 0.00	29.84 0.61 0.00	33.37 0.72 0.00	35.71 0.67 0.00	38.03 0.82 0.00	40.73 0.95 0.00	42.73 0.92 0.00	49.26 1.20 0.00	56.35 1.48 0.00	50.01 1.41 0.00	43.06 1.17 0.00	41.46 1.17 0.00	37.20 1.08 0.00	32.77 1.14 0.00	29.90 1.04 0.00
UNION___PROCESSING_DRP 323587	27.71 -0.20 0.00	26.58 -0.38 0.00	24.59 -0.73 0.00	22.48 -0.82 0.00	21.83 -0.72 0.00	23.79 -0.61 0.00	25.99 -0.89 0.00	26.59 -0.57 0.00	27.82 -0.31 0.00	27.81 -0.68 0.00	28.96 -0.26 0.00	32.26 -0.39 0.00	35.15 0.11 0.00	36.42 -0.78 0.01	38.97 -0.80 0.01	41.43 -0.38 0.00	48.25 0.19 0.00	54.87 0.00 0.00	48.41 -0.19 0.00	40.56 -0.75 0.57	39.60 -0.64 0.05	35.53 -0.58 0.01	31.19 -0.44 0.00	28.42 -0.43 0.00
UPPER HUDSON___HYD 24058	30.36 2.46 0.00	29.25 2.29 0.00	27.19 1.87 0.00	24.95 1.65 0.00	24.11 1.56 0.00	26.21 1.81 0.00	29.22 2.34 0.00	29.52 2.36 0.00	30.55 2.42 0.00	30.71 2.22 0.00	31.30 2.08 0.00	35.03 2.38 0.00	37.43 2.38 0.00	39.74 2.53 0.00	42.67 2.90 0.00	45.11 3.30 0.00	52.14 4.08 0.00	59.91 5.04 0.00	53.85 5.25 0.00	46.32 4.44 0.00	44.80 4.51 0.00	40.05 3.94 0.00	34.82 3.19 0.00	31.83 2.97 0.00
UPPER RAQUET___HYD 24056	26.87 -1.03 0.00	26.10 -0.86 0.00	24.74 -0.58 0.00	22.72 -0.58 0.00	22.02 -0.54 0.00	23.82 -0.59 0.00	26.18 -0.70 0.00	26.29 -0.87 0.00	27.14 -0.99 0.00	27.52 -0.97 0.00	28.12 -1.11 0.00	31.31 -1.34 0.00	33.43 -1.61 0.00	35.68 -1.53 0.00	38.14 -1.63 0.00	40.09 -1.72 0.00	43.67 -2.93 1.46	51.58 -3.29 0.00	45.83 -2.77 0.00	40.38 -1.51 0.00	38.80 -1.49 0.00	34.78 -1.34 0.00	30.30 -1.33 0.00	27.93 -0.92 0.00
VALLEY44_115KV_TB2 355964	27.74 -0.17 0.00	26.50 -0.46 0.00	24.36 -0.96 0.00	22.27 -1.03 0.00	21.68 -0.88 0.00	23.74 -0.66 0.00	25.83 -1.05 0.00	26.59 -0.57 0.00	27.88 -0.25 0.00	27.86 -0.63 0.00	29.17 -0.06 0.00	32.49 -0.16 0.00	35.53 0.49 0.00	36.24 -0.97 0.00	38.70 -1.07 0.00	41.27 -0.54 -0.01	48.74 0.67 -0.01	55.03 0.16 0.00	48.45 -0.15 0.00	38.52 -2.89 0.48	37.92 -2.34 0.04	34.99 -1.12 0.01	30.84 -0.79 0.00	28.22 -0.63 0.00
VALLEY___115KV_TB 1-4 80826	28.21 0.31 0.00	27.20 0.24 0.00	25.47 0.15 0.00	23.41 0.12 0.00	22.69 0.14 0.00	24.52 0.12 0.00	27.07 0.19 0.00	27.40 0.24 0.00	28.38 0.25 0.00	28.75 0.26 0.00	29.46 0.23 0.00	32.91 0.26 0.00	35.32 0.28 0.00	37.54 0.33 0.00	40.13 0.36 0.00	42.10 0.29 0.00	48.51 0.48 0.03	55.47 0.60 0.00	49.09 0.49 0.00	42.14 0.25 0.00	40.45 0.16 0.00	36.30 0.18 0.00	31.72 0.09 0.00	28.92 0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.33 1.42 0.00	28.23 1.27 0.00	26.38 1.06 0.00	24.23 0.93 0.00	23.48 0.92 0.00	25.38 0.98 0.00	28.06 1.18 0.00	28.57 1.41 0.00	29.59 1.46 0.00	30.00 1.51 0.00	30.75 1.52 0.00	34.32 1.67 0.00	36.86 1.82 0.00	39.22 2.01 0.00	41.84 2.07 0.00	43.98 2.17 0.00	50.94 2.88 0.00	58.38 3.51 0.00	51.76 3.16 0.00	44.27 2.39 0.00	42.59 2.30 0.00	38.17 2.06 0.00	33.34 1.71 0.00	30.42 1.56 0.00
VISCHER___FERRY HYD 24020	29.19 1.28 0.00	28.20 1.24 0.00	26.33 1.01 0.00	24.20 0.91 0.00	23.46 0.90 0.00	25.38 0.98 0.00	28.12 1.24 0.00	28.46 1.30 0.00	29.45 1.32 0.00	29.57 1.08 0.00	30.42 1.20 0.00	34.02 1.37 0.00	36.37 1.33 0.00	38.66 1.45 0.00	41.44 1.67 0.00	43.56 1.76 0.00	50.17 2.11 0.00	57.45 2.58 0.00	51.03 2.43 0.00	43.98 2.09 0.00	42.35 2.05 0.00	38.03 1.91 0.00	33.31 1.68 0.00	30.42 1.56 0.00
V_A_10_SYNC_DSASP 323832	27.12 -0.78 0.00	25.99 -0.97 0.00	23.98 -1.34 0.00	22.30 -1.00 0.00	21.29 -1.26 0.00	23.28 -1.12 0.00	25.43 -1.45 0.00	26.07 -1.09 0.00	27.23 -0.90 0.00	28.40 -0.09 0.00	28.50 -0.73 0.00	31.44 -1.21 0.00	34.45 -0.60 0.00	35.75 -1.45 0.01	37.58 -2.19 0.01	40.05 -1.75 0.00	46.86 -1.20 0.00	53.11 -1.76 0.00	46.85 -1.75 0.00	39.04 -2.26 0.58	38.19 -2.05 0.05	34.37 -1.73 0.01	30.30 -1.33 0.00	27.65 -1.21 0.00
V_CMM_10_SYNC_DSASP 323787	27.35 -0.56 0.00	26.56 -0.40 0.00	25.15 -0.18 0.00	23.14 -0.16 0.00	22.40 -0.16 0.00	24.23 -0.17 0.00	26.58 -0.30 0.00	26.70 -0.46 0.00	27.62 -0.51 0.00	27.98 -0.51 0.00	28.67 -0.56 0.00	32.03 -0.62 0.00	34.34 -0.70 0.00	36.54 -0.67 0.00	39.10 -0.68 0.00	41.05 -0.75 0.00	46.87 -1.40 -0.21	53.22 -1.64 0.00	47.19 -1.41 0.00	41.09 -0.80 0.00	39.49 -0.81 0.00	35.36 -0.76 0.00	30.87 -0.76 0.00	28.25 -0.61 0.00
V_CMP_10_SYNC_DSASP 323788	28.18 0.28 0.00	27.39 0.43 0.00	25.95 0.63 0.00	23.86 0.56 0.00	23.05 0.50 0.00	24.96 0.56 0.00	27.58 0.70 0.00	27.78 0.63 0.00	28.78 0.65 0.00	29.34 0.85 0.00	29.96 0.73 0.00	33.50 0.85 0.00	36.02 0.98 0.00	38.40 1.19 0.00	41.08 1.31 0.00	43.18 1.38 0.00	49.29 1.34 0.12	56.29 1.42 0.00	49.86 1.26 0.00	43.06 1.17 0.00	41.34 1.05 0.00	36.84 0.72 0.00	31.95 0.32 0.00	29.32 0.46 0.00
V_D_10_SYNC_DSASP 323841	27.43 -0.47 0.00	26.67 -0.30 0.00	25.25 -0.08 0.00	23.23 -0.07 0.00	22.47 -0.09 0.00	24.30 -0.10 0.00	26.69 -0.19 0.00	26.80 -0.35 0.00	27.71 -0.42 0.00	28.09 -0.40 0.00	28.73 -0.50 0.00	32.06 -0.59 0.00	34.38 -0.67 0.00	36.61 -0.60 0.00	39.18 -0.60 0.00	41.14 -0.67 0.00	46.81 -1.58 -0.33	53.00 -1.87 0.00	47.00 -1.60 0.00	41.22 -0.67 0.00	39.65 -0.65 0.00	35.47 -0.65 0.00	30.93 -0.70 0.00	28.39 -0.46 0.00
V_E_10_SYNC_DSASP 323830	30.53 2.62 0.00	29.28 2.32 0.00	27.24 1.92 0.00	24.95 1.65 0.00	24.14 1.58 0.00	26.18 1.78 0.00	29.00 2.12 0.00	29.55 2.39 0.00	30.35 2.22 0.00	30.88 2.39 0.00	31.39 2.16 0.00	34.94 2.28 0.00	37.74 2.70 0.00	40.11 2.90 0.00	42.59 2.82 0.00	45.19 3.38 0.00	52.63 4.57 0.00	60.57 5.71 0.00	53.75 5.15 0.00	45.57 3.81 0.13	43.91 3.63 0.01	39.25 3.14 0.00	34.03 2.40 0.00	30.96 2.11 0.00
V_F_30_NSYNC___DSASP 323816	29.97 2.06 0.00	28.90 1.94 0.00	26.94 1.62 0.00	24.72 1.42 0.00	23.91 1.35 0.00	25.94 1.54 0.00	28.84 1.96 0.00	29.14 1.98 0.00	30.16 2.03 0.00	30.31 1.82 0.00	31.04 1.81 0.00	34.74 2.09 0.00	37.15 2.10 0.00	39.51 2.31 0.00	42.40 2.62 0.00	44.69 2.88 0.00	51.62 3.56 0.00	59.20 4.33 0.00	52.83 4.23 0.00	45.45 3.56 0.00	43.88 3.58 0.00	39.26 3.14 0.00	34.25 2.62 0.00	31.31 2.45 0.00

V_F_30_SYNC_DSASP 323786	28.63 0.73 0.00	27.66 0.70 0.00	25.85 0.53 0.00	23.86 0.56 0.00	23.08 0.52 0.00	24.94 0.54 0.00	27.55 0.67 0.00	27.97 0.81 0.00	28.94 0.82 0.00	29.26 0.77 0.00	29.99 0.76 0.00	33.53 0.88 0.00	35.88 0.84 0.00	38.21 1.00 0.00	40.92 1.15 0.00	42.98 1.17 0.00	49.55 1.49 0.00	56.73 1.87 0.00	50.30 1.70 0.00	43.31 1.42 0.00	41.66 1.37 0.00	37.38 1.26 0.00	32.90 1.27 0.00	30.04 1.18 0.00
V_XM_10_SYNC_DSASP 323789	28.18 0.28 0.00	27.39 0.43 0.00	25.95 0.63 0.00	23.86 0.56 0.00	23.05 0.50 0.00	24.96 0.56 0.00	27.58 0.70 0.00	27.78 0.63 0.00	28.78 0.65 0.00	29.34 0.85 0.00	29.96 0.73 0.00	33.50 0.85 0.00	36.02 0.98 0.00	38.40 1.19 0.00	41.08 1.31 0.00	43.18 1.38 0.00	49.29 1.34 0.12	56.29 1.42 0.00	49.86 1.26 0.00	43.06 1.17 0.00	41.34 1.05 0.00	36.84 0.72 0.00	31.95 0.32 0.00	29.32 0.46 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.47 1.56 0.00	28.36 1.40 0.00	26.51 1.19 0.00	24.35 1.05 0.00	23.55 0.99 0.00	25.52 1.12 0.00	28.30 1.42 0.00	28.98 1.82 0.00	30.04 1.91 0.00	30.63 2.14 0.00	31.36 2.13 0.00	35.00 2.35 0.00	37.50 2.45 0.00	40.00 2.79 0.00	42.71 2.94 0.00	44.73 2.93 0.00	51.95 3.89 0.00	59.26 4.39 0.00	52.34 3.74 0.00	44.74 2.85 0.00	42.99 2.70 0.00	38.46 2.35 0.00	33.78 2.15 0.00	30.76 1.90 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.69 1.79 0.00	28.53 1.56 0.00	26.66 1.34 0.00	24.49 1.19 0.00	23.68 1.13 0.00	25.67 1.27 0.00	28.52 1.64 0.00	29.28 2.12 0.00	30.44 2.31 0.00	31.08 2.59 0.00	31.80 2.57 0.00	35.53 2.87 0.00	38.06 3.01 0.00	40.52 3.31 0.00	43.23 3.46 0.00	45.19 3.39 0.00	52.58 4.52 0.00	59.91 5.05 0.00	52.88 4.28 0.00	45.20 3.31 0.00	43.52 3.22 0.00	38.86 2.74 0.00	34.16 2.53 0.00	31.08 2.22 0.00
W50THST__13_KV_LOAD 356117	29.80 1.90 0.00	28.66 1.70 0.00	26.76 1.44 0.00	24.58 1.28 0.00	23.77 1.22 0.00	25.79 1.39 0.00	28.68 1.80 0.00	29.44 2.28 0.00	30.63 2.50 0.00	31.28 2.79 0.00	31.97 2.75 0.00	35.75 3.10 0.00	38.27 3.22 0.00	40.78 3.57 0.00	43.47 3.70 0.00	45.44 3.64 0.00	52.91 4.85 0.00	60.30 5.43 0.00	53.22 4.62 0.00	45.45 3.56 0.00	43.72 3.42 0.00	39.04 2.93 0.00	34.32 2.69 0.00	31.22 2.37 0.00
WADING RIVER_IC_1 23522	35.74 2.34 -5.49	30.20 2.16 -1.08	27.35 1.92 -0.11	25.19 1.40 -0.49	24.11 1.56 0.00	26.44 1.90 -0.13	28.98 2.10 0.00	29.55 2.39 0.00	33.11 2.56 -2.42	35.43 2.45 -4.49	34.58 2.78 -2.57	36.56 3.13 -0.77	38.34 3.29 0.00	44.54 3.76 -3.58	45.13 4.10 -1.26	49.84 4.18 -3.85	58.87 5.29 -5.53	64.53 6.14 -3.52	54.76 5.30 -0.86	45.96 4.06 -0.01	43.84 3.55 0.00	39.41 3.29 0.00	34.84 3.07 -0.14	34.02 2.65 -2.51
WADING RIVER_IC_2 23547	35.74 2.34 -5.49	30.20 2.16 -1.08	27.35 1.92 -0.11	25.19 1.40 -0.49	24.11 1.56 0.00	26.44 1.90 -0.13	28.98 2.10 0.00	29.55 2.39 0.00	33.11 2.56 -2.42	35.43 2.45 -4.49	34.58 2.78 -2.57	36.56 3.13 -0.77	38.34 3.29 0.00	44.54 3.76 -3.58	45.13 4.10 -1.26	49.84 4.18 -3.85	58.87 5.29 -5.53	64.53 6.14 -3.52	54.76 5.30 -0.86	45.96 4.06 -0.01	43.84 3.55 0.00	39.41 3.29 0.00	34.84 3.07 -0.14	34.02 2.65 -2.51
WADING RIVER_IC_3 23601	35.74 2.34 -5.49	30.20 2.16 -1.08	27.35 1.92 -0.11	25.19 1.40 -0.49	24.11 1.56 0.00	26.44 1.90 -0.13	28.98 2.10 0.00	29.55 2.39 0.00	33.11 2.56 -2.42	35.43 2.45 -4.49	34.58 2.78 -2.57	36.56 3.13 -0.77	38.34 3.29 0.00	44.54 3.76 -3.58	45.13 4.10 -1.26	49.84 4.18 -3.85	58.87 5.29 -5.53	64.53 6.14 -3.52	54.76 5.30 -0.86	45.96 4.06 -0.01	43.84 3.55 0.00	39.41 3.29 0.00	34.84 3.07 -0.14	34.02 2.65 -2.51
WALDENNY_12_KV_BK2 80841	27.71 -0.20 0.00	26.48 -0.49 0.00	24.31 -1.01 0.00	22.20 -1.09 0.00	21.63 -0.92 0.00	23.62 -0.78 0.00	25.62 -1.26 0.00	26.34 -0.81 0.00	27.82 -0.31 0.00	27.61 -0.88 0.00	29.05 -0.18 0.00	32.29 -0.36 0.00	35.53 0.49 0.00	36.05 -1.15 0.00	38.46 -1.31 0.00	41.06 -0.75 -0.01	48.31 0.24 -0.01	54.54 -0.33 0.00	47.97 -0.63 0.00	39.15 -2.22 0.52	38.36 -1.89 0.04	34.95 -1.16 0.01	30.81 -0.82 0.00	28.17 -0.69 0.00
WALDEN__HYDRO 24148	29.41 1.51 0.00	28.28 1.32 0.00	26.46 1.14 0.00	24.28 0.98 0.00	23.50 0.95 0.00	25.43 1.02 0.00	28.20 1.32 0.00	28.81 1.66 0.00	29.90 1.77 0.00	30.43 1.94 0.00	31.18 1.96 0.00	34.84 2.19 0.00	37.36 2.31 0.00	39.81 2.60 0.00	42.56 2.78 0.00	44.61 2.80 0.00	51.67 3.60 0.00	58.98 4.11 0.00	52.10 3.50 0.00	44.61 2.72 0.00	42.91 2.62 0.00	38.39 2.28 0.00	33.62 1.99 0.00	30.65 1.79 0.00
WARRENSBURG____ 23737	30.36 2.46 0.00	29.25 2.29 0.00	27.19 1.87 0.00	24.95 1.65 0.00	24.11 1.56 0.00	26.21 1.81 0.00	29.22 2.34 0.00	29.52 2.36 0.00	30.55 2.42 0.00	30.71 2.22 0.00	31.30 2.08 0.00	35.03 2.38 0.00	37.43 2.38 0.00	39.74 2.53 0.00	42.67 2.90 0.00	45.11 3.30 0.00	52.14 4.08 0.00	59.91 5.04 0.00	53.85 5.25 0.00	46.32 4.44 0.00	44.80 4.51 0.00	40.05 3.94 0.00	34.82 3.19 0.00	31.83 2.97 0.00
WATERSIDE____6 8 9 23538	29.84 1.93 -0.01	28.66 1.70 0.00	26.76 1.44 0.00	24.56 1.26 0.00	23.75 1.20 0.00	25.70 1.29 0.00	28.57 1.69 0.00	29.36 2.20 0.00	30.52 2.39 0.00	31.20 2.71 -0.01	31.92 2.69 -0.01	35.66 3.00 -0.01	38.13 3.08 0.00	40.63 3.42 0.00	43.31 3.54 0.00	45.23 3.43 0.00	52.63 4.57 0.00	59.91 5.05 0.00	52.83 4.23 0.00	45.24 3.35 0.00	43.56 3.26 0.00	38.90 2.78 0.00	34.35 2.72 0.00	31.26 2.40 -0.01
WATKINRD_115KV_LN8_ILLION 55919	28.13 0.22 0.00	27.15 0.19 0.00	25.45 0.13 0.00	23.39 0.09 0.00	22.65 0.09 0.00	24.50 0.10 0.00	27.01 0.13 0.00	27.35 0.19 0.00	28.33 0.20 0.00	28.66 0.17 0.00	29.40 0.18 0.00	32.85 0.20 0.00	35.25 0.21 0.00	37.47 0.26 0.00	40.01 0.24 0.00	42.06 0.25 0.00	48.41 0.38 0.03	55.42 0.55 0.00	49.04 0.44 0.00	42.18 0.29 0.00	40.53 0.24 0.00	36.33 0.22 0.00	31.79 0.16 0.00	29.00 0.14 0.00
WATSON__69_KV_BK 1 55734	36.21 2.82 -5.49	30.66 2.62 -1.08	27.76 2.33 -0.11	25.88 2.10 -0.49	24.47 1.92 0.00	26.78 2.24 -0.13	29.32 2.45 0.00	30.17 3.01 0.00	33.79 3.23 -2.42	36.40 3.42 -4.49	35.28 3.48 -2.57	37.28 3.85 -0.77	39.11 4.06 0.00	45.38 4.58 -3.60	45.88 4.85 -1.25	51.46 4.97 -4.68	61.61 6.20 -7.35	66.68 7.13 -4.68	55.63 6.17 -0.86	46.67 4.78 -0.01	44.64 4.35 0.00	40.10 3.97 -0.02	35.47 3.70 -0.14	34.63 3.26 -2.51
WDELAWARE__HYD 323627	29.58 1.67 0.00	28.44 1.48 0.00	26.61 1.29 0.00	24.32 1.02 0.00	23.59 1.04 0.00	25.52 1.12 0.00	28.30 1.42 0.00	28.81 1.66 0.00	29.93 1.80 0.00	30.26 1.77 0.00	31.21 1.99 0.00	34.87 2.22 0.00	37.49 2.45 0.00	39.89 2.68 0.00	42.76 2.98 0.00	44.82 3.01 0.00	52.05 3.99 0.00	59.48 4.61 0.00	52.63 4.03 0.00	45.03 3.14 0.00	43.27 2.98 0.00	38.68 2.56 0.00	33.78 2.15 0.00	30.79 1.93 0.00

WEST BABYLON___IC 23714	36.10 2.71 -5.49	30.52 2.48 -1.08	27.61 2.18 -0.11	25.74 1.96 -0.49	24.36 1.80 0.00	26.63 2.10 -0.13	29.19 2.31 0.00	30.06 2.91 0.00	33.65 3.09 -2.42	36.28 3.30 -4.49	35.16 3.36 -2.57	37.08 3.66 -0.77	38.90 3.85 0.00	45.13 4.32 -3.61	45.56 4.53 -1.25	52.89 4.64 -6.45	65.09 5.82 -11.21	68.64 6.64 -7.13	55.24 5.78 -0.85	46.33 4.44 0.00	44.36 4.07 0.00	39.88 3.76 -0.01	35.31 3.54 -0.14	34.49 3.12 -2.51
WEST CANADA___HYD 24049	28.10 0.20 0.00	27.12 0.16 0.00	25.42 0.10 0.00	23.39 0.09 0.00	22.67 0.11 0.00	24.50 0.10 0.00	27.04 0.16 0.00	27.35 0.19 0.00	28.33 0.20 0.00	28.66 0.17 0.00	29.43 0.21 0.00	32.88 0.23 0.00	35.25 0.21 0.00	37.43 0.22 0.00	40.05 0.28 0.00	42.06 0.25 0.00	48.41 0.38 0.03	55.36 0.49 0.00	49.04 0.44 0.00	42.18 0.30 0.00	40.58 0.28 0.00	36.40 0.29 0.00	31.88 0.25 0.00	29.06 0.20 0.00
WESTERN_NY_WIND 24143	28.02 0.11 0.00	26.77 -0.19 0.00	24.61 -0.71 0.00	22.46 -0.84 0.00	21.86 -0.70 0.00	23.89 -0.51 0.00	25.96 -0.91 0.00	26.70 -0.46 0.00	28.10 -0.03 0.00	27.83 -0.66 0.00	29.20 -0.03 0.00	32.46 -0.20 0.00	35.67 0.63 0.00	36.42 -0.78 0.00	38.93 -0.84 0.00	41.56 -0.25 0.00	48.74 0.67 0.00	55.36 0.49 0.00	48.84 0.24 0.00	40.42 -0.92 0.55	39.56 -0.68 0.05	35.71 -0.40 0.01	31.41 -0.22 0.00	28.66 -0.20 0.00
WESTOVER___LESR 323668	28.41 0.50 0.00	27.31 0.35 0.00	25.45 0.13 0.00	23.37 0.07 0.00	22.65 0.09 0.00	24.57 0.17 0.00	27.07 0.19 0.00	27.56 0.41 0.00	28.58 0.45 0.00	28.92 0.43 0.00	29.78 0.56 0.00	33.27 0.62 0.00	35.88 0.84 0.00	37.76 0.56 0.00	40.37 0.60 0.00	42.64 0.84 0.00	49.41 1.35 0.00	56.29 1.43 0.00	49.72 1.12 0.00	42.11 0.38 0.15	40.72 0.44 0.01	36.62 0.51 0.00	32.07 0.44 0.00	29.23 0.38 0.00
WETHRSFD_WT_PWR 323626	27.62 -0.28 0.00	26.39 -0.57 0.00	24.31 -1.01 0.00	22.55 -0.75 0.00	21.52 -1.04 0.00	23.57 -0.83 0.00	25.75 -1.13 0.00	26.48 -0.68 0.00	27.57 -0.56 0.00	28.83 0.34 0.00	28.96 -0.26 0.00	32.03 -0.62 0.00	35.18 0.14 0.00	36.46 -0.74 0.00	38.22 -1.55 0.00	40.77 -1.04 -0.01	47.92 -0.14 -0.01	54.26 -0.60 0.00	47.77 -0.83 0.00	39.07 -2.34 0.47	38.20 -2.05 0.04	34.70 -1.41 0.01	30.55 -1.08 0.00	27.88 -0.98 0.00
WHAVSTOR_138KV_BK127 55557	29.35 1.45 0.00	28.26 1.29 0.00	26.41 1.09 0.00	24.25 0.96 0.00	23.48 0.92 0.00	25.45 1.05 0.00	28.20 1.32 0.00	28.90 1.74 0.00	29.96 1.83 0.00	30.51 2.02 0.00	31.24 2.02 0.00	34.84 2.19 0.00	37.32 2.28 0.00	39.77 2.57 0.00	42.48 2.70 0.00	44.48 2.68 0.00	51.67 3.60 0.00	58.93 4.06 0.00	52.05 3.45 0.00	44.48 2.60 0.00	42.79 2.50 0.00	38.25 2.13 0.00	33.62 1.99 0.00	30.65 1.79 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.35 1.45 0.00	28.26 1.29 0.00	26.41 1.09 0.00	24.25 0.96 0.00	23.48 0.92 0.00	25.45 1.05 0.00	28.20 1.32 0.00	28.90 1.74 0.00	29.96 1.83 0.00	30.51 2.02 0.00	31.24 2.02 0.00	34.84 2.19 0.00	37.32 2.28 0.00	39.77 2.57 0.00	42.48 2.70 0.00	44.48 2.68 0.00	51.67 3.60 0.00	58.93 4.06 0.00	52.05 3.45 0.00	44.48 2.60 0.00	42.79 2.50 0.00	38.25 2.13 0.00	33.62 1.99 0.00	30.65 1.79 0.00
WHITEHAL_115KV_TB1 80871	31.14 3.24 0.00	29.95 2.99 0.00	27.83 2.51 0.00	25.51 2.21 0.00	24.63 2.08 0.00	26.82 2.42 0.00	29.94 3.06 0.00	30.25 3.10 0.00	31.28 3.15 0.00	31.48 2.99 0.00	32.06 2.83 0.00	35.88 3.23 0.00	38.34 3.29 0.00	40.78 3.57 0.00	43.79 4.02 0.00	46.32 4.52 0.00	53.64 5.58 0.00	61.78 6.91 0.00	55.55 6.95 0.00	47.71 5.82 0.00	46.17 5.88 0.00	41.24 5.13 0.00	35.77 4.14 0.00	32.72 3.87 0.00
WHITEPLN_13_KV_LOAD 356215	29.88 1.98 0.00	28.71 1.75 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.80 1.24 0.00	25.82 1.42 0.00	28.68 1.80 0.00	29.44 2.28 0.00	30.58 2.45 0.00	31.20 2.71 0.00	31.91 2.69 0.00	35.62 2.97 0.00	38.23 3.19 0.00	40.74 3.53 0.00	43.51 3.74 0.00	45.53 3.72 0.00	52.96 4.90 0.00	60.41 5.54 0.00	53.27 4.67 0.00	45.53 3.64 0.00	43.72 3.42 0.00	39.08 2.96 0.00	34.29 2.66 0.00	31.20 2.34 0.00
WM_FLOYD_69_KV_BK2 356380	35.90 2.51 -5.49	30.34 2.29 -1.08	27.51 2.08 -0.11	25.65 1.86 -0.49	24.25 1.69 0.00	26.56 2.03 -0.13	29.06 2.18 0.00	29.87 2.72 0.00	33.34 2.78 -2.42	35.94 2.96 -4.49	34.81 3.01 -2.57	36.79 3.36 -0.77	38.55 3.50 0.00	44.84 4.06 -3.58	45.37 4.34 -1.26	50.15 4.43 -3.91	59.33 5.62 -5.65	65.00 6.53 -3.60	55.10 5.64 -0.86	46.25 4.36 -0.01	44.12 3.83 0.00	39.66 3.54 0.00	35.09 3.32 -0.14	34.28 2.91 -2.51
WOODARD___115KV_TB2 355635	27.88 -0.03 0.00	26.83 -0.13 0.00	25.07 -0.25 0.00	23.02 -0.28 0.00	22.31 -0.25 0.00	24.18 -0.22 0.00	26.64 -0.24 0.00	26.97 -0.19 0.00	27.96 -0.17 0.00	28.29 -0.20 0.00	29.11 -0.12 0.00	32.55 -0.10 0.00	35.04 0.00 0.00	37.06 -0.15 0.00	39.57 -0.20 0.00	41.76 -0.04 0.00	48.21 0.19 0.04	54.98 0.11 0.00	48.65 0.05 0.00	41.45 -0.25 0.18	40.08 -0.20 0.02	35.93 -0.18 0.00	31.47 -0.16 0.00	28.68 -0.17 0.00
YORK___WARBASSE 23770	30.03 2.12 -0.01	28.82 1.86 0.00	26.87 1.54 0.00	24.63 1.33 0.00	23.82 1.26 0.00	25.72 1.32 0.00	28.60 1.72 0.00	29.41 2.25 0.00	30.60 2.48 0.00	31.32 2.82 -0.01	32.07 2.83 -0.01	35.83 3.17 -0.01	41.56 3.22 -3.29	40.78 3.57 0.00	43.47 3.70 0.00	45.40 3.60 0.00	83.99 4.90 -31.03	66.35 5.43 -6.05	53.12 4.52 0.00	45.49 3.60 0.00	43.76 3.47 0.00	39.01 2.89 0.00	34.52 2.88 -0.02	31.43 2.57 -0.01