

# Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses															--- Marginal Cost of Congestion															09/06/2025		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00																								
59TH STREET_GT_1	24138	41.70	35.14	32.03	30.68	30.24	31.15	36.25	36.19	38.51	39.08	37.57	39.86	42.86	43.81	45.08	45.76	49.98	51.97	52.87	50.38	48.22	42.63	41.27	38.13																								
		2.91	2.48	2.12	1.98	1.93	1.96	2.02	2.08	2.42	2.59	2.74	3.04	3.49	3.60	3.76	3.86	4.32	4.55	4.23	3.82	3.41	2.94	2.59	2.29																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.19	-0.10	-1.03	-0.91	-0.79	-1.13	-0.07	0.00	0.00	0.00	0.00	0.00	0.00																								
74TH STREET_GT_1	24260	41.78	35.20	32.09	30.74	30.27	31.20	36.32	36.22	38.54	39.11	37.61	39.90	42.90	43.81	45.12	45.80	50.03	51.97	52.87	50.38	48.22	42.67	41.30	38.17																								
		2.99	2.55	2.18	2.04	1.95	2.01	2.09	2.11	2.45	2.63	2.78	3.08	3.53	3.60	3.80	3.91	4.36	4.55	4.23	3.82	3.41	2.98	2.63	2.33																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.19	-0.10	-1.03	-0.91	-0.79	-1.12	-0.07	0.00	0.00	0.00	0.00	0.00	0.00																								
74TH STREET_GT_2	24261	41.78	35.20	32.09	30.74	30.27	31.20	36.32	36.22	38.54	39.11	37.61	39.90	42.90	43.81	45.12	45.80	50.03	51.97	52.87	50.38	48.22	42.67	41.30	38.17																								
		2.99	2.55	2.18	2.04	1.95	2.01	2.09	2.11	2.45	2.63	2.78	3.08	3.53	3.60	3.80	3.91	4.36	4.55	4.23	3.82	3.41	2.98	2.63	2.33																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.19	-0.10	-1.03	-0.91	-0.79	-1.12	-0.07	0.00	0.00	0.00	0.00	0.00	0.00																								
ADK HUDSON___FALLS	24011	41.74	35.14	32.12	30.82	30.35	31.32	36.42	36.26	38.29	38.71	36.52	38.58	41.40	41.59	42.23	42.85	46.42	54.29	55.18	52.46	47.01	41.63	41.27	38.06																								
		2.95	2.48	2.21	2.12	2.04	2.13	2.19	2.15	2.20	2.23	1.91	2.12	2.24	2.23	1.66	1.60	1.69	2.32	2.38	2.28	2.20	1.94	2.59	2.22																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.18	0.10	-0.18	-0.16	-0.14	-0.19	-4.62	-4.15	-3.62	0.00	0.00	0.00	0.00																								
ADK RESOURCE___RCVRY	23798	41.93	35.30	32.27	30.97	30.50	31.47	36.56	36.39	38.43	38.89	36.66	38.77	41.56	40.92	42.31	42.89	46.47	54.14	55.10	52.45	47.19	41.79	41.46	38.24																								
		3.14	2.64	2.36	2.27	2.18	2.28	2.33	2.29	2.34	2.41	2.05	2.31	2.40	1.57	1.74	1.65	1.74	2.41	2.53	2.47	2.37	2.10	2.79	2.40																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.17	0.09	-0.18	-0.16	-0.14	-0.19	-4.38	-3.93	-3.42	0.00	0.00	0.00	0.00																								
ADK S GLENS___FALLS	24028	41.74	35.14	32.12	30.82	30.35	31.32	36.42	36.26	38.29	38.71	36.52	38.58	41.40	41.59	42.23	42.85	46.42	54.29	55.18	52.46	47.01	41.63	41.27	38.06																								
		2.95	2.48	2.21	2.12	2.04	2.13	2.19	2.15	2.20	2.23	1.91	2.12	2.24	2.23	1.66	1.60	1.69	2.32	2.38	2.28	2.20	1.94	2.59	2.22																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.18	0.10	-0.18	-0.16	-0.14	-0.19	-4.62	-4.15	-3.62	0.00	0.00	0.00	0.00																								
ADK_NYS___DAM	23527	41.31	34.81	31.85	30.54	30.10	31.03	36.01	35.98	38.00	38.17	36.18	38.05	41.08	41.68	43.17	43.88	47.65	59.59	59.86	56.46	47.37	41.87	40.80	37.63																								
		2.52	2.15	1.94	1.84	1.78	1.84	1.78	1.87	1.91	1.68	1.70	1.83	2.04	2.27	2.55	2.59	2.85	3.17	3.07	2.79	2.55	2.18	2.13	1.79																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.41	0.22	-0.24	-0.21	-0.18	-0.26	-9.07	-8.16	-7.10	0.00	0.00	0.00	0.00																								
AIR_PRODUCTS___DRP	24190	39.76	33.54	30.72	29.50	29.08	29.98	34.81	34.72	36.74	37.03	34.98	36.82	39.58	39.83	41.15	41.83	45.37	41.76	43.58	42.07	45.27	40.05	39.02	36.09																								
		0.97	0.88	0.81	0.80	0.76	0.79	0.58	0.61	0.65	0.55	0.35	0.33	0.39	0.47	0.57	0.58	0.62	0.71	0.63	0.47	0.45	0.36	0.35	0.25																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.14	0.08	-0.19	-0.17	-0.14	-0.20	6.30	5.69	4.96	0.00	0.00	0.00	0.00																								
AKWESSNE_115KV_BK	355683	38.41	32.43	29.73	28.58	28.23	29.07	34.47	34.35	36.27	36.70	34.86	36.74	39.38	39.21	40.41	41.19	44.63	47.44	48.78	46.75	45.13	39.97	39.02	36.16																								
		-0.39	-0.23	-0.18	-0.11	-0.08	-0.12	0.24	0.24	0.18	0.22	0.14	0.11	0.12	0.04	0.00	0.08	0.09	0.09	0.15	0.19	0.31	0.28	0.35	0.32																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																								
ALBANY_1_SOLAR	323833	40.42	34.06	31.19	29.93	29.50	30.42	35.33	35.13	37.02	37.33	35.50	37.43	40.20	40.34	41.72	42.37	46.04	45.09	46.74	45.00	46.07	40.76	39.76	36.77																								
		1.63	1.40	1.29	1.23	1.19	1.23	1.10	1.02	0.94	0.84	0.83	0.88	0.98	1.02	1.17	1.15	1.33	1.56	1.56	1.45	1.25	1.07	1.08	0.93																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.09	0.05	-0.15	-0.13	-0.12	-0.17	3.82	3.46	3.01	0.00	0.00	0.00	0.00																								
ALBANY_2_SOLAR	323834	40.42	34.06	31.19	29.93	29.50	30.39	35.33	35.13	37.02	37.33	35.47	37.43	40.20	40.34	41.68	42.37	46.00	45.09	46.74	45.00	46.07	40.76	39.76	36.77																								
		1.63	1.40	1.29	1.23	1.19	1.20	1.10	1.02	0.94	0.84	0.80	0.88	0.98	1.02	1.13	1.15	1.29	1.56	1.56	1.45	1.25	1.07	1.08	0.93																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.09	0.05	-0.15	-0.13	-0.12	-0.17	3.81	3.45	3.01	0.00	0.00	0.00	0.00																								
ALBANY___1	23571	39.76	33.54	30.72	29.50	29.08	29.98	34.81	34.72	36.74	37.03	34.98	36.82	39.58	39.83	41.15	41.83	45.37	41.76	43.58	42.07	45.27	40.05	39.02	36.09																								
		0.97	0.88	0.81	0.80	0.76	0.79	0.58	0.61	0.65	0.55	0.35	0.33	0.39	0.47	0.57	0.58	0.62	0.71	0.63	0.47	0.45	0.36	0.35	0.25																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.14	0.08	-0.19	-0.17	-0.14	-0.20	6.30	5.69	4.96	0.00	0.00	0.00	0.00																								

ALBANY___2 23572	39.76 0.97 0.00	33.54 0.88 0.00	30.72 0.81 0.00	29.50 0.80 0.00	29.08 0.76 0.00	29.98 0.79 0.00	34.81 0.58 0.00	34.72 0.61 0.00	36.74 0.65 0.00	37.03 0.55 0.00	34.98 0.35 0.08	36.82 0.33 0.14	39.58 0.39 0.08	39.83 0.47 -0.19	41.15 0.57 -0.17	41.83 0.58 -0.14	45.37 0.62 -0.20	41.76 0.71 6.30	43.58 0.63 5.69	42.07 0.47 4.96	45.27 0.45 0.00	40.05 0.36 0.00	39.02 0.35 0.00	36.09 0.25 0.00
ALBANY___3 23573	39.76 0.97 0.00	33.54 0.88 0.00	30.72 0.81 0.00	29.50 0.80 0.00	29.08 0.76 0.00	29.98 0.79 0.00	34.81 0.58 0.00	34.72 0.61 0.00	36.74 0.65 0.00	37.03 0.55 0.00	34.98 0.35 0.08	36.82 0.33 0.14	39.58 0.39 0.08	39.83 0.47 -0.19	41.15 0.57 -0.17	41.83 0.58 -0.14	45.37 0.62 -0.20	41.76 0.71 6.30	43.58 0.63 5.69	42.07 0.47 4.96	45.27 0.45 0.00	40.05 0.36 0.00	39.02 0.35 0.00	36.09 0.25 0.00
ALBANY___4 23574	39.76 0.97 0.00	33.54 0.88 0.00	30.72 0.81 0.00	29.50 0.80 0.00	29.08 0.76 0.00	29.98 0.79 0.00	34.81 0.58 0.00	34.72 0.61 0.00	36.74 0.65 0.00	37.03 0.55 0.00	34.98 0.35 0.08	36.82 0.33 0.14	39.58 0.39 0.08	39.83 0.47 -0.19	41.15 0.57 -0.17	41.83 0.58 -0.14	45.37 0.62 -0.20	41.76 0.71 6.30	43.58 0.63 5.69	42.07 0.47 4.96	45.27 0.45 0.00	40.05 0.36 0.00	39.02 0.35 0.00	36.09 0.25 0.00
ALBANY___LFGE 323615	40.07 1.28 0.00	33.80 1.14 0.00	30.95 1.05 0.00	29.73 1.03 0.00	29.31 0.99 0.00	30.18 0.99 0.00	35.09 0.86 0.00	34.96 0.85 0.00	36.92 0.83 0.00	37.29 0.80 0.00	35.32 0.69 0.09	37.17 0.69 0.15	39.96 0.78 0.08	40.22 0.86 -0.19	41.55 0.97 -0.16	42.20 0.95 -0.14	45.77 1.03 -0.20	42.67 1.18 5.86	44.41 1.07 5.30	42.88 0.93 4.62	45.71 0.90 0.00	40.44 0.75 0.00	39.41 0.73 0.00	36.41 0.57 0.00
ALCOA_PA_115KV_PL-6C 55860	38.52 -0.27 0.00	32.53 -0.13 0.00	29.82 -0.09 0.00	28.70 0.00 0.00	28.34 0.03 0.00	29.19 0.00 0.00	34.61 0.38 0.00	34.52 0.41 0.00	36.45 0.36 0.00	36.89 0.40 0.00	35.03 0.31 0.00	36.89 0.26 0.00	39.54 0.27 0.00	39.37 0.20 0.00	40.54 0.12 0.00	41.35 0.25 0.00	44.85 0.31 0.00	47.68 0.33 0.00	49.03 0.39 0.00	46.98 0.42 0.00	45.36 0.54 0.00	40.20 0.52 0.00	39.22 0.54 0.00	36.34 0.50 0.00
ALCOA_RYNLDS___DRP 24188	38.52 -0.27 0.00	32.53 -0.13 0.00	29.82 -0.09 0.00	28.70 0.00 0.00	28.34 0.03 0.00	29.19 0.00 0.00	34.61 0.38 0.00	34.52 0.41 0.00	36.45 0.36 0.00	36.89 0.40 0.00	35.03 0.31 0.00	36.89 0.26 0.00	39.54 0.27 0.00	39.37 0.20 0.00	40.54 0.12 0.00	41.35 0.25 0.00	44.85 0.31 0.00	47.68 0.33 0.00	49.03 0.39 0.00	46.98 0.42 0.00	45.36 0.54 0.00	40.20 0.52 0.00	39.22 0.54 0.00	36.34 0.50 0.00
ALCOA___DSASP 323711	38.52 -0.27 0.00	32.53 -0.13 0.00	29.82 -0.09 0.00	28.70 0.00 0.00	28.34 0.03 0.00	29.19 0.00 0.00	34.61 0.38 0.00	34.52 0.41 0.00	36.45 0.36 0.00	36.89 0.40 0.00	35.03 0.31 0.00	36.89 0.26 0.00	39.54 0.28 0.00	39.37 0.20 0.00	40.54 0.12 0.00	41.35 0.25 0.00	44.85 0.31 0.00	47.68 0.33 0.00	49.03 0.39 0.00	46.93 0.37 0.00	45.27 0.45 0.00	40.20 0.51 0.00	39.22 0.54 0.00	36.34 0.50 0.00
ALLEGHENY___COGEN 23514	38.99 0.19 0.00	32.62 -0.03 0.00	29.91 0.00 0.00	28.58 -0.11 0.00	28.26 -0.06 0.00	29.28 0.09 0.00	33.78 -0.45 0.00	33.56 -0.55 0.00	35.37 -0.72 0.00	35.43 -1.06 0.00	33.20 -1.49 0.03	34.81 -1.79 0.03	37.11 -2.12 0.03	36.91 -2.23 0.03	38.08 -2.30 0.03	38.83 -2.22 0.06	46.56 -2.49 -4.51	43.71 -2.27 1.37	47.30 -1.31 0.03	45.68 -0.89 0.00	44.46 -0.36 0.00	39.25 -0.44 0.00	38.17 -0.50 0.00	35.62 -0.21 0.00
ALTAMONT_115KV_TB 2 55880	40.00 1.20 0.00	33.70 1.05 0.00	30.84 0.93 0.00	29.59 0.89 0.00	29.19 0.88 0.00	30.07 0.88 0.00	35.02 0.79 0.00	34.89 0.78 0.00	36.92 0.83 0.00	37.29 0.80 0.00	35.43 0.76 0.05	37.36 0.81 0.08	40.12 0.90 0.04	40.33 0.98 -0.17	41.62 1.05 -0.15	42.35 1.11 -0.13	45.93 1.20 -0.19	46.24 1.33 2.43	47.70 1.26 2.21	45.76 1.12 1.92	45.76 0.94 0.00	40.52 0.83 0.00	39.49 0.81 0.00	36.55 0.72 0.00
ALTONA_WT_PWR 323606	37.36 -1.43 0.00	31.94 -0.72 0.00	29.64 -0.27 0.00	28.79 0.09 0.00	28.54 0.23 0.00	29.45 0.26 0.00	34.98 0.75 0.00	34.93 0.82 0.00	36.95 0.86 0.00	37.47 0.99 0.00	35.59 0.87 0.00	37.55 0.92 0.00	40.20 0.94 0.00	39.88 0.71 0.00	40.98 0.57 0.00	41.85 0.74 0.00	45.47 0.94 0.00	47.63 0.29 0.00	48.79 0.15 0.00	46.70 0.14 0.00	45.63 0.81 0.00	41.12 1.43 0.00	40.03 1.35 0.00	37.06 1.22 0.00
AMERICAN_REF_FUEL 24010	35.84 -2.95 0.00	29.98 -2.68 0.00	27.49 -2.42 0.00	26.06 -2.64 0.00	25.79 -2.52 0.00	26.71 -2.48 0.00	30.33 -3.90 0.00	30.22 -3.89 0.00	31.90 -4.19 0.00	32.14 -4.34 0.00	30.25 -4.44 0.02	31.74 -4.87 0.02	33.75 -5.50 0.02	33.63 -5.52 0.02	34.58 -5.82 0.02	34.98 -5.96 0.16	34.37 -6.90 3.27	36.91 -7.29 3.15	41.71 -6.91 0.02	40.42 -6.15 0.00	39.67 -5.15 0.00	35.16 -4.53 0.00	34.27 -4.41 0.00	32.58 -3.26 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.97 -1.82 0.00	30.96 -1.70 0.00	28.41 -1.49 0.00	27.12 -1.58 0.00	26.64 -1.67 0.00	27.61 -1.58 0.00	31.46 -2.77 0.00	31.21 -2.90 0.00	32.91 -3.18 0.00	33.09 -3.39 0.00	31.15 -3.54 0.02	32.76 -3.85 0.02	34.92 -4.32 0.02	34.84 -4.31 0.02	35.82 -4.57 0.02	36.53 -4.44 0.14	35.97 -5.08 3.49	38.80 -5.30 3.25	43.31 -5.30 0.02	41.91 -4.66 0.00	41.19 -3.63 0.00	36.43 -3.25 0.00	35.43 -3.25 0.00	33.36 -2.47 0.00
ARTHUR KILL_GT_1 23520	40.91 2.95 0.84	35.43 2.78 0.00	32.27 2.36 0.00	30.82 2.12 0.00	30.33 2.01 0.00	31.12 1.93 0.00	36.18 1.95 0.00	35.98 1.88 0.00	38.33 2.24 0.00	38.93 2.44 0.00	37.54 2.71 -0.11	39.75 2.93 -0.19	42.65 3.30 -0.09	43.64 3.45 -1.02	44.98 3.68 -0.89	45.66 3.78 -0.77	49.92 4.28 -1.11	51.78 4.36 -0.07	52.53 3.89 0.00	50.01 3.45 0.00	47.95 3.14 0.00	42.51 2.82 0.00	41.00 2.32 0.00	38.31 2.47 0.00
ARTHUR_KILL_2 23512	40.75 2.79 0.84	35.31 2.64 -0.01	32.18 2.27 0.00	30.74 2.04 0.00	30.24 1.93 0.00	31.03 1.84 0.00	36.04 1.81 0.00	35.85 1.74 0.00	38.22 2.13 0.00	38.75 2.26 0.00	37.43 2.61 -0.11	39.58 2.75 -0.20	42.50 3.14 -0.10	43.53 3.33 -1.02	44.86 3.56 -0.89	45.41 3.54 -0.77	49.79 4.14 -1.11	51.63 4.21 -0.06	52.33 3.69 0.01	49.95 3.40 0.01	47.81 3.00 0.01	42.34 2.66 0.01	40.87 2.20 0.01	38.16 2.33 0.00
ARTHUR_KILL_3 23513	40.49 2.52 0.83	34.81 2.15 0.00	31.73 1.82 0.00	30.42 1.72 0.00	29.99 1.67 0.00	30.88 1.69 0.00	35.94 1.71 0.00	35.88 1.77 0.00	38.18 2.09 0.00	38.71 2.23 0.00	37.26 2.43 -0.11	39.46 2.64 -0.19	42.39 3.02 -0.10	43.38 3.17 -1.03	44.63 3.31 -0.90	45.22 3.33 -0.78	49.49 3.83 -1.12	51.40 3.98 -0.07	52.24 3.60 0.00	49.92 3.35 0.00	47.73 2.91 0.00	42.27 2.58 0.00	40.92 2.24 0.00	37.81 1.97 0.00

ARTHUR_KILL_COGEN 323718	40.90 2.95 0.84	35.41 2.74 -0.01	32.27 2.36 0.00	30.82 2.12 0.00	30.33 2.01 0.00	31.12 1.93 0.00	36.18 1.95 0.00	35.98 1.87 0.00	38.33 2.24 0.00	38.86 2.37 0.00	37.54 2.71 -0.11	39.69 2.86 -0.20	42.61 3.26 -0.10	43.68 3.49 -1.02	45.02 3.72 -0.89	45.58 3.70 -0.77	50.01 4.37 -1.11	51.82 4.40 -0.06	52.52 3.89 0.01	50.14 3.59 0.01	47.99 3.18 0.01	42.50 2.82 0.01	40.99 2.32 0.01	38.31 2.47 0.00
ASHOKAN____ 23654	41.24 2.45 0.00	34.72 2.06 0.00	31.70 1.79 0.00	30.45 1.75 0.00	30.04 1.73 0.00	30.76 1.58 0.00	35.81 1.58 0.00	35.37 1.26 0.00	37.32 1.23 0.00	37.69 1.20 0.00	36.87 2.15 0.00	38.94 2.31 0.00	42.05 2.79 0.00	40.94 1.76 0.00	42.35 1.94 0.00	43.16 2.05 0.00	47.08 2.54 0.00	48.58 4.07 2.84	50.13 4.03 2.54	48.12 3.77 2.22	47.24 2.42 0.00	41.59 1.90 0.00	40.68 2.01 0.00	37.66 1.83 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.46 2.67 0.01	34.87 2.22 0.01	31.79 1.89 0.01	30.41 1.72 0.01	29.92 1.61 0.01	30.73 1.55 0.01	35.73 1.50 0.01	35.64 1.54 0.01	37.99 1.91 0.01	38.56 2.08 0.01	37.21 2.39 -0.10	39.42 2.60 -0.18	42.42 3.06 -0.10	43.45 3.25 -1.02	44.67 3.35 -0.90	45.18 3.29 -0.78	49.57 3.87 -1.16	51.33 3.88 -0.10	52.03 3.40 0.01	49.67 3.12 0.01	47.54 2.73 0.01	42.14 2.46 0.01	40.68 2.01 0.01	37.76 1.93 0.01
ASTORIA_EAST_ENERGY_CC2 323582	41.38 2.60 0.01	34.87 2.22 0.01	31.79 1.89 0.01	30.41 1.72 0.01	29.92 1.61 0.01	30.73 1.55 0.01	35.73 1.50 0.01	35.64 1.54 0.01	37.99 1.91 0.01	38.56 2.08 0.01	37.21 2.39 -0.10	39.42 2.60 -0.18	42.42 3.06 -0.10	43.45 3.25 -1.02	44.67 3.35 -0.90	45.18 3.29 -0.78	49.57 3.87 -1.16	51.33 3.88 -0.10	52.03 3.40 0.01	49.67 3.12 0.01	47.54 2.73 0.01	42.14 2.46 0.01	40.68 2.01 0.01	37.76 1.93 0.01
ASTORIA_GT2_1 24094	41.50 2.72 0.01	34.89 2.25 0.02	31.81 1.91 0.01	30.41 1.72 0.01	29.95 1.64 0.01	30.77 1.58 0.00	35.77 1.54 0.00	35.68 1.57 0.00	38.04 1.95 0.00	38.64 2.15 0.00	37.22 2.40 -0.11	39.52 2.71 -0.17	42.53 3.18 -0.09	43.40 3.21 -1.02	44.68 3.35 -0.91	45.31 3.41 -0.79	49.53 3.83 -1.16	51.39 3.93 -0.11	52.09 3.45 0.00	49.64 3.07 0.00	47.55 2.73 0.00	42.15 2.46 0.00	40.72 2.05 0.00	37.76 1.94 0.01
ASTORIA_GT2_2 24095	41.50 2.72 0.01	34.89 2.25 0.02	31.81 1.91 0.01	30.41 1.72 0.01	29.95 1.64 0.01	30.77 1.58 0.00	35.77 1.54 0.00	35.68 1.57 0.00	38.04 1.95 0.00	38.64 2.15 0.00	37.22 2.40 -0.11	39.52 2.71 -0.17	42.53 3.18 -0.09	43.40 3.21 -1.02	44.68 3.35 -0.91	45.31 3.41 -0.79	49.53 3.83 -1.16	51.39 3.93 -0.11	52.09 3.45 0.00	49.64 3.07 0.00	47.55 2.73 0.00	42.15 2.46 0.00	40.72 2.05 0.00	37.76 1.94 0.01
ASTORIA_GT2_3 24096	41.50 2.72 0.01	34.89 2.25 0.02	31.81 1.91 0.01	30.41 1.72 0.01	29.95 1.64 0.01	30.77 1.58 0.00	35.77 1.54 0.00	35.68 1.57 0.00	38.04 1.95 0.00	38.64 2.15 0.00	37.22 2.40 -0.11	39.52 2.71 -0.17	42.53 3.18 -0.09	43.40 3.21 -1.02	44.68 3.35 -0.91	45.31 3.41 -0.79	49.53 3.83 -1.16	51.39 3.93 -0.11	52.09 3.45 0.00	49.64 3.07 0.00	47.55 2.73 0.00	42.15 2.46 0.00	40.72 2.05 0.00	37.76 1.94 0.01
ASTORIA_GT2_4 24097	41.50 2.72 0.01	34.89 2.25 0.02	31.81 1.91 0.01	30.41 1.72 0.01	29.95 1.64 0.01	30.77 1.58 0.00	35.77 1.54 0.00	35.68 1.57 0.00	38.04 1.95 0.00	38.64 2.15 0.00	37.22 2.40 -0.11	39.52 2.71 -0.17	42.53 3.18 -0.09	43.40 3.21 -1.02	44.68 3.35 -0.91	45.31 3.41 -0.79	49.53 3.83 -1.16	51.39 3.93 -0.11	52.09 3.45 0.00	49.64 3.07 0.00	47.55 2.73 0.00	42.15 2.46 0.00	40.72 2.05 0.00	37.76 1.94 0.01
ASTORIA_GT3_1 24098	41.42 2.64 0.01	34.89 2.25 0.02	31.81 1.91 0.01	30.41 1.72 0.01	29.95 1.64 0.01	30.77 1.58 0.00	35.77 1.54 0.00	35.68 1.57 0.00	38.04 1.95 0.00	38.64 2.15 0.00	37.22 2.40 -0.11	39.52 2.71 -0.17	42.53 3.18 -0.09	43.40 3.21 -1.02	44.68 3.35 -0.91	45.31 3.41 -0.79	49.53 3.83 -1.16	51.39 3.93 -0.11	52.09 3.45 0.00	49.64 3.07 0.00	47.55 2.73 0.00	42.15 2.46 0.00	40.72 2.05 0.00	37.76 1.94 0.01
ASTORIA_GT3_2 24099	41.42 2.64 0.01	34.89 2.25 0.02	31.81 1.91 0.01	30.41 1.72 0.01	29.95 1.64 0.01	30.77 1.58 0.00	35.77 1.54 0.00	35.68 1.57 0.00	38.04 1.95 0.00	38.64 2.15 0.00	37.22 2.40 -0.11	39.52 2.71 -0.17	42.53 3.18 -0.09	43.40 3.21 -1.02	44.68 3.35 -0.91	45.31 3.41 -0.79	49.53 3.83 -1.16	51.39 3.93 -0.11	52.09 3.45 0.00	49.64 3.07 0.00	47.55 2.73 0.00	42.15 2.46 0.00	40.72 2.05 0.00	37.76 1.94 0.01
ASTORIA_GT3_3 24100	41.42 2.64 0.01	34.89 2.25 0.02	31.81 1.91 0.01	30.41 1.72 0.01	29.95 1.64 0.01	30.77 1.58 0.00	35.77 1.54 0.00	35.68 1.57 0.00	38.04 1.95 0.00	38.64 2.15 0.00	37.22 2.40 -0.11	39.52 2.71 -0.17	42.53 3.18 -0.09	43.40 3.21 -1.02	44.68 3.35 -0.91	45.31 3.41 -0.79	49.53 3.83 -1.16	51.39 3.93 -0.11	52.09 3.45 0.00	49.64 3.07 0.00	47.55 2.73 0.00	42.15 2.46 0.00	40.72 2.05 0.00	37.76 1.94 0.01
ASTORIA_GT3_4 24101	41.42 2.64 0.01	34.89 2.25 0.02	31.81 1.91 0.01	30.41 1.72 0.01	29.95 1.64 0.01	30.77 1.58 0.00	35.77 1.54 0.00	35.68 1.57 0.00	38.04 1.95 0.00	38.64 2.15 0.00	37.22 2.40 -0.11	39.52 2.71 -0.17	42.53 3.18 -0.09	43.40 3.21 -1.02	44.68 3.35 -0.91	45.31 3.41 -0.79	49.53 3.83 -1.16	51.39 3.93 -0.11	52.09 3.45 0.00	49.64 3.07 0.00	47.55 2.73 0.00	42.15 2.46 0.00	40.72 2.05 0.00	37.76 1.94 0.01
ASTORIA_GT4_1 24102	41.42 2.64 0.01	34.89 2.25 0.02	31.81 1.91 0.01	30.41 1.72 0.01	29.95 1.64 0.01	30.77 1.58 0.00	35.77 1.54 0.00	35.68 1.57 0.00	38.04 1.95 0.00	38.64 2.15 0.00	37.22 2.40 -0.11	39.52 2.71 -0.17	42.53 3.18 -0.09	43.40 3.21 -1.02	44.68 3.35 -0.91	45.31 3.41 -0.79	49.53 3.83 -1.16	51.39 3.93 -0.11	52.09 3.45 0.00	49.64 3.07 0.00	47.55 2.73 0.00	42.15 2.46 0.00	40.72 2.05 0.00	37.76 1.94 0.01
ASTORIA_GT4_2 24103	41.42 2.64 0.01	34.89 2.25 0.02	31.81 1.91 0.01	30.41 1.72 0.01	29.95 1.64 0.01	30.77 1.58 0.00	35.77 1.54 0.00	35.68 1.57 0.00	38.04 1.95 0.00	38.64 2.15 0.00	37.22 2.40 -0.11	39.52 2.71 -0.17	42.53 3.18 -0.09	43.40 3.21 -1.02	44.68 3.35 -0.91	45.31 3.41 -0.79	49.53 3.83 -1.16	51.39 3.93 -0.11	52.09 3.45 0.00	49.64 3.07 0.00	47.55 2.73 0.00	42.15 2.46 0.00	40.72 2.05 0.00	37.76 1.94 0.01
ASTORIA_GT4_3 24104	41.42 2.64 0.01	34.89 2.25 0.02	31.81 1.91 0.01	30.41 1.72 0.01	29.95 1.64 0.01	30.77 1.58 0.00	35.77 1.54 0.00	35.68 1.57 0.00	38.04 1.95 0.00	38.64 2.15 0.00	37.22 2.40 -0.11	39.52 2.71 -0.17	42.53 3.18 -0.09	43.40 3.21 -1.02	44.68 3.35 -0.91	45.31 3.41 -0.79	49.53 3.83 -1.16	51.39 3.93 -0.11	52.09 3.45 0.00	49.64 3.07 0.00	47.55 2.73 0.00	42.15 2.46 0.00	40.72 2.05 0.00	37.76 1.94 0.01

ASTORIA_GT4_4 24105	41.42 2.64 0.01	34.89 2.25 0.02	31.81 1.91 0.01	30.41 1.72 0.01	29.95 1.64 0.01	30.77 1.58 0.00	35.77 1.54 0.00	35.68 1.57 0.00	38.04 1.95 0.00	38.64 2.15 0.00	37.22 2.40 -0.11	39.52 2.71 -0.17	42.53 3.18 -0.09	43.40 3.21 -1.02	44.68 3.35 -0.91	45.31 3.41 -0.79	49.53 3.83 -1.16	51.39 3.93 -0.11	52.09 3.45 0.00	49.64 3.07 0.00	47.55 2.73 0.00	42.15 2.46 0.00	40.72 2.05 0.00	37.76 1.94 0.01
ASTORIA_GT_1 23523	41.54 2.75 0.01	34.96 2.32 0.02	31.87 1.97 0.01	30.47 1.78 0.01	30.01 1.70 0.01	30.82 1.63 0.00	35.84 1.61 0.00	35.75 1.64 0.00	38.11 2.02 0.00	38.71 2.23 0.00	37.29 2.46 -0.11	39.59 2.78 -0.17	42.61 3.26 -0.09	43.52 3.33 -1.02	44.76 3.44 -0.91	45.39 3.49 -0.79	49.67 3.96 -1.16	51.48 4.02 -0.11	52.24 3.60 0.00	49.78 3.21 0.00	47.69 2.87 0.00	42.27 2.58 0.00	40.80 2.13 0.00	37.84 2.01 0.01
ASTORIA_GT_10 24110	41.66 2.87 0.00	35.14 2.48 0.00	32.03 2.12 0.00	30.65 1.95 0.00	30.16 1.84 0.00	31.00 1.81 0.00	36.04 1.81 0.00	35.95 1.84 0.00	38.29 2.20 0.00	38.89 2.41 0.00	37.47 2.64 -0.11	39.75 2.93 -0.19	42.74 3.38 -0.10	43.65 3.45 -1.03	44.96 3.64 -0.91	45.59 3.70 -0.79	49.80 4.14 -1.12	51.63 4.21 -0.07	52.43 3.79 0.00	49.96 3.40 0.00	47.87 3.05 0.00	42.47 2.78 0.00	41.03 2.36 0.00	38.02 2.19 0.00
ASTORIA_GT_11 24225	41.66 2.87 0.00	35.14 2.48 0.00	32.03 2.12 0.00	30.65 1.95 0.00	30.16 1.84 0.00	31.00 1.81 0.00	36.04 1.81 0.00	35.95 1.84 0.00	38.29 2.20 0.00	38.89 2.41 0.00	37.47 2.64 -0.11	39.75 2.93 -0.19	42.74 3.38 -0.10	43.65 3.45 -1.03	44.96 3.64 -0.91	45.59 3.70 -0.79	49.80 4.14 -1.12	51.63 4.21 -0.07	52.43 3.79 0.00	49.96 3.40 0.00	47.87 3.05 0.00	42.47 2.78 0.00	41.03 2.36 0.00	38.02 2.19 0.00
ASTORIA_GT_12 24226	41.66 2.87 0.00	35.14 2.48 0.00	32.03 2.12 0.00	30.65 1.95 0.00	30.16 1.84 0.00	31.00 1.81 0.00	36.04 1.81 0.00	35.95 1.84 0.00	38.29 2.20 0.00	38.89 2.41 0.00	37.47 2.64 -0.11	39.75 2.93 -0.19	42.74 3.38 -0.10	43.65 3.45 -1.03	44.96 3.64 -0.91	45.59 3.70 -0.79	49.80 4.14 -1.12	51.63 4.21 -0.07	52.43 3.79 0.00	49.96 3.40 0.00	47.87 3.05 0.00	42.47 2.78 0.00	41.03 2.36 0.00	38.02 2.19 0.00
ASTORIA_GT_13 24227	41.66 2.87 0.00	35.14 2.48 0.00	32.03 2.12 0.00	30.65 1.95 0.00	30.16 1.84 0.00	31.00 1.81 0.00	36.04 1.81 0.00	35.95 1.84 0.00	38.29 2.20 0.00	38.89 2.41 0.00	37.47 2.64 -0.11	39.75 2.93 -0.19	42.74 3.38 -0.10	43.65 3.45 -1.03	44.96 3.64 -0.91	45.59 3.70 -0.79	49.80 4.14 -1.12	51.63 4.21 -0.07	52.43 3.79 0.00	49.96 3.40 0.00	47.87 3.05 0.00	42.47 2.78 0.00	41.03 2.36 0.00	38.02 2.19 0.00
ASTORIA_GT_5 24106	41.54 2.75 0.01	34.96 2.32 0.02	31.87 1.97 0.01	30.47 1.78 0.01	30.01 1.70 0.01	30.82 1.63 0.00	35.84 1.61 0.00	35.75 1.64 0.00	38.11 2.02 0.00	38.71 2.23 0.00	37.29 2.46 -0.11	39.59 2.78 -0.17	42.61 3.26 -0.09	43.52 3.33 -1.02	44.76 3.44 -0.91	45.39 3.49 -0.79	49.67 3.96 -1.16	51.48 4.02 -0.11	52.24 3.60 0.00	49.78 3.21 0.00	47.69 2.87 0.00	42.27 2.58 0.00	40.80 2.13 0.00	37.84 2.01 0.01
ASTORIA_GT_7 24107	41.54 2.75 0.01	34.96 2.32 0.02	31.87 1.97 0.01	30.47 1.78 0.01	30.01 1.70 0.01	30.82 1.63 0.00	35.84 1.61 0.00	35.75 1.64 0.00	38.11 2.02 0.00	38.71 2.23 0.00	37.29 2.46 -0.11	39.59 2.78 -0.17	42.61 3.26 -0.09	43.52 3.33 -1.02	44.76 3.44 -0.91	45.39 3.49 -0.79	49.67 3.96 -1.16	51.48 4.02 -0.11	52.24 3.60 0.00	49.78 3.21 0.00	47.69 2.87 0.00	42.27 2.58 0.00	40.80 2.13 0.00	37.84 2.01 0.01
ASTORIA_GT_8 24108	41.54 2.75 0.01	34.96 2.32 0.02	31.87 1.97 0.01	30.47 1.78 0.01	30.01 1.70 0.01	30.82 1.63 0.00	35.84 1.61 0.00	35.75 1.64 0.00	38.11 2.02 0.00	38.71 2.23 0.00	37.29 2.46 -0.11	39.59 2.78 -0.17	42.61 3.26 -0.09	43.52 3.33 -1.02	44.76 3.44 -0.91	45.39 3.49 -0.79	49.67 3.96 -1.16	51.48 4.02 -0.11	52.24 3.60 0.00	49.78 3.21 0.00	47.69 2.87 0.00	42.27 2.58 0.00	40.80 2.13 0.00	37.84 2.01 0.01
ASTORIA___2 24149	41.38 2.60 0.01	34.87 2.22 0.01	31.82 1.92 0.01	30.41 1.72 0.01	29.95 1.64 0.01	30.76 1.58 0.01	35.76 1.54 0.01	35.64 1.54 0.01	38.03 1.95 0.01	38.56 2.08 0.01	37.21 2.39 -0.10	39.42 2.60 -0.18	42.46 3.10 -0.10	43.49 3.29 -1.02	44.67 3.35 -0.90	45.21 3.33 -0.78	49.57 3.87 -1.16	51.38 3.93 -0.10	52.03 3.40 0.01	49.72 3.17 0.01	47.54 2.73 0.01	42.14 2.46 0.01	40.72 2.05 0.01	37.76 1.93 0.01
ASTORIA___3 23516	41.66 2.87 0.00	35.12 2.45 -0.01	32.03 2.12 0.00	30.65 1.95 0.00	30.15 1.84 0.00	31.00 1.81 0.00	36.04 1.81 0.00	35.91 1.81 0.00	38.29 2.20 0.00	38.86 2.37 0.00	37.47 2.64 -0.11	39.72 2.89 -0.20	42.71 3.34 -0.11	43.70 3.49 -1.04	45.00 3.68 -0.91	45.51 3.62 -0.79	49.85 4.19 -1.12	51.63 4.21 -0.07	52.38 3.75 0.00	50.06 3.49 0.00	47.87 3.05 0.00	42.47 2.78 0.00	41.03 2.36 0.00	38.02 2.19 0.00
ASTORIA___4 23517	41.66 2.87 0.00	35.14 2.48 0.00	32.03 2.12 0.00	30.65 1.95 0.00	30.16 1.84 0.00	31.00 1.81 0.00	36.04 1.81 0.00	35.95 1.84 0.00	38.29 2.20 0.00	38.89 2.41 0.00	37.47 2.64 -0.11	39.75 2.93 -0.19	42.74 3.38 -0.10	43.65 3.45 -1.03	44.96 3.64 -0.91	45.59 3.70 -0.79	49.80 4.14 -1.12	51.63 4.21 -0.07	52.43 3.79 0.00	49.96 3.40 0.00	47.87 3.05 0.00	42.47 2.78 0.00	41.03 2.36 0.00	38.02 2.19 0.00
ASTORIA___5 23518	41.66 2.87 0.00	35.12 2.45 -0.01	32.03 2.12 0.00	30.65 1.95 0.00	30.15 1.84 0.00	31.00 1.81 0.00	36.04 1.81 0.00	35.91 1.81 0.00	38.29 2.20 0.00	38.86 2.37 0.00	37.47 2.64 -0.11	39.72 2.89 -0.20	42.71 3.34 -0.11	43.70 3.49 -1.04	45.00 3.68 -0.91	45.51 3.62 -0.79	49.85 4.19 -1.12	51.63 4.21 -0.07	52.38 3.75 0.00	50.06 3.49 0.00	47.87 3.05 0.00	42.47 2.78 0.00	41.03 2.36 0.00	38.02 2.19 0.00
AST_ENERGY_2_CC3 323677	26.33 2.25 14.71	26.33 1.93 8.25	26.33 1.61 5.19	26.33 1.46 3.83	26.33 1.36 3.34	26.33 1.28 4.14	26.33 1.20 9.10	26.33 1.23 9.00	26.33 1.59 11.34	26.33 1.75 11.91	26.02 2.08 10.78	26.02 2.27 12.89	26.02 2.71 15.95	26.13 2.90 15.94	26.06 2.99 17.35	26.49 2.92 17.54	28.86 3.48 19.15	32.31 3.45 18.49	33.24 2.97 18.36	30.91 2.75 18.40	28.72 2.33 18.43	26.02 2.10 15.77	26.02 1.66 14.32	26.02 1.58 11.39
AST_ENERGY_2_CC4 323678	26.33 2.25 14.71	26.33 1.93 8.25	26.33 1.61 5.19	26.33 1.46 3.83	26.33 1.36 3.34	26.33 1.28 4.14	26.33 1.20 9.10	26.33 1.23 9.00	26.33 1.59 11.34	26.33 1.75 11.91	26.02 2.08 10.78	26.02 2.27 12.89	26.02 2.71 15.95	26.13 2.90 15.94	26.06 2.99 17.35	26.49 2.92 17.54	28.86 3.48 19.15	32.31 3.45 18.49	33.24 2.97 18.36	30.91 2.75 18.40	28.72 2.33 18.43	26.02 2.10 15.77	26.02 1.66 14.32	26.02 1.58 11.39

ATHENS_STG_1 23668	40.31 1.51 0.00	33.96 1.31 0.00	31.04 1.14 0.00	29.76 1.06 0.00	29.36 1.05 0.00	30.24 1.05 0.00	35.22 0.99 0.00	35.10 0.99 0.00	37.21 1.12 0.00	37.58 1.09 0.00	35.91 1.14 -0.04	37.99 1.28 -0.08	40.72 1.41 -0.04	40.83 1.45 -0.20	42.13 1.54 -0.18	42.78 1.52 -0.16	46.50 1.74 -0.22	49.15 1.80 0.00	50.29 1.65 0.00	48.05 1.49 0.00	46.12 1.30 0.00	40.80 1.11 0.00	39.80 1.12 0.00	36.88 1.04 0.00
ATHENS_STG_2 23670	40.31 1.51 0.00	33.96 1.31 0.00	31.04 1.14 0.00	29.76 1.06 0.00	29.36 1.05 0.00	30.24 1.05 0.00	35.22 0.99 0.00	35.10 0.99 0.00	37.21 1.12 0.00	37.58 1.09 0.00	35.91 1.14 -0.04	37.99 1.28 -0.08	40.72 1.41 -0.04	40.83 1.45 -0.20	42.13 1.54 -0.18	42.78 1.52 -0.16	46.50 1.74 -0.22	49.15 1.80 0.00	50.29 1.65 0.00	48.05 1.49 0.00	46.12 1.30 0.00	40.80 1.11 0.00	39.80 1.12 0.00	36.88 1.04 0.00
ATHENS_STG_3 23677	40.31 1.51 0.00	33.96 1.31 0.00	31.04 1.14 0.00	29.76 1.06 0.00	29.36 1.05 0.00	30.24 1.05 0.00	35.22 0.99 0.00	35.10 0.99 0.00	37.21 1.12 0.00	37.58 1.09 0.00	35.91 1.14 -0.04	37.99 1.28 -0.08	40.72 1.41 -0.04	40.83 1.45 -0.20	42.13 1.54 -0.18	42.78 1.52 -0.16	46.50 1.74 -0.22	49.15 1.80 0.00	50.29 1.65 0.00	48.05 1.49 0.00	46.12 1.30 0.00	40.80 1.11 0.00	39.80 1.12 0.00	36.88 1.04 0.00
AUBURN___LFGE 323710	38.56 -0.23 0.00	32.30 -0.36 0.00	29.58 -0.33 0.00	28.33 -0.37 0.00	27.98 -0.34 0.00	28.90 -0.29 0.00	33.72 -0.51 0.00	33.56 -0.55 0.00	35.51 -0.58 0.00	35.90 -0.58 0.00	34.13 -0.59 -0.01	36.02 -0.62 -0.01	38.48 -0.79 -0.01	38.32 -0.86 -0.01	39.49 -0.93 -0.01	40.17 -0.95 -0.01	43.91 -1.11 -0.49	46.77 -1.09 -0.51	47.72 -0.92 -0.01	45.82 -0.75 0.00	44.10 -0.72 0.00	39.05 -0.64 0.00	38.02 -0.66 0.00	35.30 -0.54 0.00
BABYLON_RES_REC 323704	42.06 3.26 -0.01	35.48 2.81 -0.01	32.37 2.45 -0.01	31.01 2.30 -0.01	30.59 2.27 -0.01	31.54 2.34 -0.01	36.28 2.05 0.00	36.43 2.32 0.00	38.77 2.67 -0.01	40.03 2.63 -0.92	43.66 2.53 -6.41	45.90 2.49 -6.77	57.45 2.63 -15.55	59.96 2.70 -18.08	60.50 2.91 -17.18	69.96 2.92 -25.93	69.39 3.52 -21.34	68.84 3.74 -17.75	64.56 3.45 -12.47	59.90 3.26 -10.07	49.84 2.91 -2.11	44.88 2.94 -2.25	41.77 2.82 -0.27	38.50 2.65 -0.01
BALL_HILL_WT_PWR 323825	36.66 -2.13 0.00	30.63 -2.02 0.00	28.08 -1.83 0.00	26.83 -1.86 0.00	26.50 -1.81 0.00	27.50 -1.69 0.00	31.36 -2.88 0.00	31.14 -2.97 0.00	32.88 -3.21 0.00	33.13 -3.36 0.00	31.22 -3.47 0.02	32.87 -3.74 0.02	35.08 -4.16 0.02	35.04 -4.11 0.02	36.03 -4.37 0.02	36.65 -4.32 0.14	35.70 -4.95 3.89	38.86 -5.21 3.28	43.41 -5.20 0.02	41.91 -4.66 0.00	41.05 -3.76 0.00	36.31 -3.37 0.00	35.31 -3.37 0.00	33.29 -2.54 0.00
BARON_WINDS___WT_PWR 323822	37.36 -1.43 0.00	31.32 -1.34 0.00	28.77 -1.14 0.00	27.52 -1.18 0.00	27.21 -1.10 0.00	28.20 -0.99 0.00	32.49 -1.74 0.00	32.33 -1.78 0.00	34.10 -1.98 0.00	34.37 -2.12 0.00	32.46 -2.22 0.04	34.18 -2.42 0.04	36.52 -2.71 0.04	36.39 -2.74 0.04	37.51 -2.87 0.04	38.16 -2.84 0.11	27.62 -3.21 13.71	38.94 -3.32 5.09	45.39 -3.21 0.04	43.77 -2.79 0.00	42.53 -2.28 0.00	37.62 -2.07 0.00	36.59 -2.09 0.00	34.22 -1.61 0.00
BARRETT_IC_1 23704	41.63 2.83 -0.01	35.18 2.51 -0.01	32.13 2.21 -0.01	30.80 2.09 -0.01	30.36 2.04 -0.01	31.33 2.13 -0.01	36.15 1.92 0.00	36.22 2.12 0.00	38.48 2.38 -0.01	39.56 2.23 -0.85	42.78 2.12 -5.94	45.07 2.16 -6.28	56.30 2.63 -14.40	58.85 2.86 -16.82	59.37 2.99 -15.97	68.17 3.00 -24.06	68.14 3.48 -20.13	67.67 3.65 -16.67	63.58 3.40 -11.54	59.10 3.21 -9.32	49.41 2.64 -1.95	44.15 2.38 -2.08	41.25 2.32 -0.25	38.03 2.19 -0.01
BARRETT_IC_10 23701	41.63 2.83 -0.01	35.18 2.51 -0.01	32.13 2.21 -0.01	30.80 2.09 -0.01	30.36 2.04 -0.01	31.33 2.13 -0.01	36.15 1.92 0.00	36.22 2.12 0.00	38.48 2.38 -0.01	39.56 2.23 -0.85	42.78 2.12 -5.94	45.07 2.16 -6.28	56.30 2.63 -14.40	58.85 2.86 -16.82	59.37 2.99 -15.97	68.17 3.00 -24.06	65.43 3.48 -17.42	65.43 3.65 -14.44	63.58 3.40 -11.54	59.10 3.21 -9.32	49.41 2.64 -1.95	44.15 2.38 -2.08	41.25 2.32 -0.25	38.03 2.19 -0.01
BARRETT_IC_11 23702	41.63 2.83 -0.01	35.18 2.51 -0.01	32.13 2.21 -0.01	30.80 2.09 -0.01	30.36 2.04 -0.01	31.33 2.13 -0.01	36.15 1.92 0.00	36.22 2.12 0.00	38.48 2.38 -0.01	39.56 2.23 -0.85	42.78 2.12 -5.94	45.07 2.16 -6.28	56.30 2.63 -14.40	58.85 2.86 -16.82	59.37 2.99 -15.97	68.17 3.00 -24.06	65.43 3.48 -17.42	65.43 3.65 -14.44	63.58 3.40 -11.54	59.10 3.21 -9.32	49.41 2.64 -1.95	44.15 2.38 -2.08	41.25 2.32 -0.25	38.03 2.19 -0.01
BARRETT_IC_12 23703	41.63 2.83 -0.01	35.18 2.51 -0.01	32.13 2.21 -0.01	30.80 2.09 -0.01	30.36 2.04 -0.01	31.33 2.13 -0.01	36.15 1.92 0.00	36.22 2.12 0.00	38.48 2.38 -0.01	39.56 2.23 -0.85	42.78 2.12 -5.94	45.07 2.16 -6.28	56.30 2.63 -14.40	58.85 2.86 -16.82	59.37 2.99 -15.97	68.17 3.00 -24.06	65.43 3.48 -17.42	65.43 3.65 -14.44	63.58 3.40 -11.54	59.10 3.21 -9.32	49.41 2.64 -1.95	44.15 2.38 -2.08	41.25 2.32 -0.25	38.03 2.19 -0.01
BARRETT_IC_2 23705	41.63 2.83 -0.01	35.18 2.51 -0.01	32.13 2.21 -0.01	30.80 2.09 -0.01	30.36 2.04 -0.01	31.33 2.13 -0.01	36.15 1.92 0.00	36.22 2.12 0.00	38.48 2.38 -0.01	39.56 2.23 -0.85	42.78 2.12 -5.94	45.07 2.16 -6.28	56.30 2.63 -14.40	58.85 2.86 -16.82	59.37 2.99 -15.97	68.17 3.00 -24.06	68.14 3.48 -20.13	67.67 3.65 -16.67	63.58 3.40 -11.54	59.10 3.21 -9.32	49.41 2.64 -1.95	44.15 2.38 -2.08	41.25 2.32 -0.25	38.03 2.19 -0.01
BARRETT_IC_3 23706	41.63 2.83 -0.01	35.18 2.51 -0.01	32.13 2.21 -0.01	30.80 2.09 -0.01	30.36 2.04 -0.01	31.33 2.13 -0.01	36.15 1.92 0.00	36.22 2.12 0.00	38.48 2.38 -0.01	39.56 2.23 -0.85	42.78 2.12 -5.94	45.07 2.16 -6.28	56.30 2.63 -14.40	58.85 2.86 -16.82	59.37 2.99 -15.97	68.17 3.00 -24.06	68.14 3.48 -20.13	67.67 3.65 -16.67	63.58 3.40 -11.54	59.10 3.21 -9.32	49.41 2.64 -1.95	44.15 2.38 -2.08	41.25 2.32 -0.25	38.03 2.19 -0.01
BARRETT_IC_4 23707	41.63 2.83 -0.01	35.18 2.51 -0.01	32.13 2.21 -0.01	30.80 2.09 -0.01	30.36 2.04 -0.01	31.33 2.13 -0.01	36.15 1.92 0.00	36.22 2.12 0.00	38.48 2.38 -0.01	39.56 2.23 -0.85	42.78 2.12 -5.94	45.07 2.16 -6.28	56.30 2.63 -14.40	58.85 2.86 -16.82	59.37 2.99 -15.97	68.17 3.00 -24.06	68.14 3.48 -20.13	67.67 3.65 -16.67	63.58 3.40 -11.54	59.10 3.21 -9.32	49.41 2.64 -1.95	44.15 2.38 -2.08	41.25 2.32 -0.25	38.03 2.19 -0.01
BARRETT_IC_5 23708	41.63 2.83 -0.01	35.18 2.51 -0.01	32.13 2.21 -0.01	30.80 2.09 -0.01	30.36 2.04 -0.01	31.33 2.13 -0.01	36.15 1.92 0.00	36.22 2.12 0.00	38.48 2.38 -0.01	39.56 2.23 -0.85	42.78 2.12 -5.94	45.07 2.16 -6.28	56.30 2.63 -14.40	58.85 2.86 -16.82	59.37 2.99 -15.97	68.17 3.00 -24.06	68.14 3.48 -20.13	67.67 3.65 -16.67	63.58 3.40 -11.54	59.10 3.21 -9.32	49.41 2.64 -1.95	44.15 2.38 -2.08	41.25 2.32 -0.25	38.03 2.19 -0.01

BARRETT_IC_6 23709	41.63 2.83 -0.01	35.18 2.51 -0.01	32.13 2.21 -0.01	30.80 2.09 -0.01	30.36 2.04 -0.01	31.33 2.13 -0.01	36.15 1.92 0.00	36.22 2.12 0.00	38.48 2.38 -0.01	39.56 2.23 -0.85	42.78 2.12 -5.94	45.07 2.16 -6.28	56.30 2.63 -14.40	58.85 2.86 -16.82	59.37 2.99 -15.97	68.17 3.00 -24.06	68.14 3.48 -20.13	67.67 3.65 -16.67	63.58 3.40 -11.54	59.10 3.21 -9.32	49.41 2.64 -1.95	44.15 2.38 -2.08	41.25 2.32 -0.25	38.03 2.19 -0.01
BARRETT_IC_7 23710	41.67 2.87 -0.01	35.21 2.55 -0.01	32.13 2.21 -0.01	30.80 2.10 -0.01	30.36 2.04 -0.01	31.33 2.13 -0.01	36.15 1.92 0.00	36.29 2.18 0.00	38.51 2.42 -0.01	39.60 2.26 -0.85	42.78 2.12 -5.94	45.11 2.20 -6.28	56.34 2.67 -14.40	58.73 2.74 -16.82	59.33 2.95 -15.97	68.17 3.00 -24.06	68.14 3.47 -20.13	67.67 3.65 -16.67	63.63 3.45 -11.54	59.05 3.17 -9.32	49.50 2.73 -1.95	44.15 2.38 -2.08	41.25 2.32 -0.25	38.03 2.19 -0.01
BARRETT_IC_8 23711	41.63 2.83 -0.01	35.18 2.51 -0.01	32.13 2.21 -0.01	30.80 2.09 -0.01	30.36 2.04 -0.01	31.33 2.13 -0.01	36.15 1.92 0.00	36.22 2.12 0.00	38.48 2.38 -0.01	39.56 2.23 -0.85	42.78 2.12 -5.94	45.07 2.16 -6.28	56.30 2.63 -14.40	58.85 2.86 -16.82	59.37 2.99 -15.97	68.17 3.00 -24.06	68.14 3.48 -20.13	67.67 3.65 -16.67	63.58 3.40 -11.54	59.10 3.21 -9.32	49.41 2.64 -1.95	44.15 2.38 -2.08	41.25 2.32 -0.25	38.03 2.19 -0.01
BARRETT_IC_9 23700	41.63 2.83 -0.01	35.18 2.51 -0.01	32.13 2.21 -0.01	30.80 2.09 -0.01	30.36 2.04 -0.01	31.33 2.13 -0.01	36.15 1.92 0.00	36.22 2.12 0.00	38.48 2.38 -0.01	39.56 2.23 -0.85	42.78 2.12 -5.94	45.07 2.16 -6.28	56.30 2.63 -14.40	58.85 2.86 -16.82	59.37 2.99 -15.97	68.17 3.00 -24.06	65.43 3.48 -17.42	65.43 3.65 -14.44	63.58 3.40 -11.54	59.10 3.21 -9.32	49.41 2.64 -1.95	44.15 2.38 -2.08	41.25 2.32 -0.25	38.03 2.19 -0.01
BARRETT___1 23545	41.63 2.83 -0.01	35.18 2.51 -0.01	32.13 2.21 -0.01	30.80 2.09 -0.01	30.36 2.04 -0.01	31.33 2.13 -0.01	36.15 1.92 0.00	36.22 2.12 0.00	38.48 2.38 -0.01	39.56 2.23 -0.85	42.78 2.12 -5.94	45.07 2.16 -6.28	56.30 2.63 -14.40	58.85 2.86 -16.82	59.37 2.99 -15.97	68.17 3.00 -24.06	68.14 3.48 -20.13	67.67 3.65 -16.67	63.58 3.40 -11.54	59.10 3.21 -9.32	49.41 2.64 -1.95	44.15 2.38 -2.08	41.25 2.32 -0.25	38.03 2.19 -0.01
BARRETT___2 23546	41.63 2.83 -0.01	35.18 2.51 -0.01	32.13 2.21 -0.01	30.80 2.09 -0.01	30.36 2.04 -0.01	31.33 2.13 -0.01	36.15 1.92 0.00	36.22 2.12 0.00	38.48 2.38 -0.01	39.56 2.23 -0.85	42.78 2.12 -5.94	45.07 2.16 -6.28	56.30 2.63 -14.40	58.85 2.86 -16.82	59.37 2.99 -15.97	68.17 3.00 -24.06	65.43 3.48 -17.42	65.43 3.65 -14.44	63.58 3.40 -11.54	59.10 3.21 -9.32	49.41 2.64 -1.95	44.15 2.38 -2.08	41.25 2.32 -0.25	38.03 2.19 -0.01
BATAVIA__115KV_TB1 55881	37.24 -1.55 0.00	31.19 -1.47 0.00	28.68 -1.23 0.00	27.32 -1.38 0.00	26.98 -1.33 0.00	28.11 -1.08 0.00	31.94 -2.29 0.00	31.72 -2.39 0.00	33.53 -2.56 0.00	33.71 -2.77 0.00	31.92 -2.78 0.02	33.69 -2.93 0.02	35.79 -3.46 0.02	35.48 -3.68 0.02	36.68 -3.72 0.02	36.24 -4.32 0.55	36.62 -4.77 3.15	37.49 -4.97 4.89	44.05 -4.57 0.02	42.84 -3.73 0.00	41.68 -3.14 0.00	37.15 -2.54 0.00	36.12 -2.55 0.00	34.04 -1.79 0.00
BAYONEEC___CTG1 323682	41.51 2.71 0.00	34.98 2.32 0.00	31.88 1.97 0.00	30.54 1.84 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.33 2.24 0.00	38.82 2.34 0.00	37.36 2.53 -0.11	39.61 2.78 -0.19	42.54 3.18 -0.10	43.58 3.37 -1.03	44.84 3.51 -0.91	45.39 3.49 -0.79	49.67 4.01 -1.12	51.59 4.17 -0.07	52.43 3.80 0.00	50.10 3.54 0.00	47.91 3.09 0.00	42.42 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00
BAYONEEC___CTG10 323750	41.51 2.71 0.00	34.98 2.32 0.00	31.88 1.97 0.00	30.54 1.84 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.33 2.24 0.00	38.82 2.34 0.00	37.36 2.53 -0.11	39.61 2.78 -0.19	42.54 3.18 -0.10	43.58 3.37 -1.03	44.84 3.51 -0.91	45.39 3.49 -0.79	49.67 4.01 -1.12	51.59 4.17 -0.07	52.43 3.80 0.00	50.10 3.54 0.00	47.91 3.09 0.00	42.42 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00
BAYONEEC___CTG2 323683	41.51 2.71 0.00	34.98 2.32 0.00	31.88 1.97 0.00	30.54 1.84 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.33 2.24 0.00	38.82 2.34 0.00	37.36 2.53 -0.11	39.61 2.78 -0.19	42.54 3.18 -0.10	43.58 3.37 -1.03	44.84 3.51 -0.91	45.39 3.49 -0.79	49.67 4.01 -1.12	51.59 4.17 -0.07	52.43 3.80 0.00	50.10 3.54 0.00	47.91 3.09 0.00	42.42 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00
BAYONEEC___CTG3 323684	41.51 2.71 0.00	34.98 2.32 0.00	31.88 1.97 0.00	30.54 1.84 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.33 2.24 0.00	38.82 2.34 0.00	37.36 2.53 -0.11	39.61 2.78 -0.19	42.54 3.18 -0.10	43.58 3.37 -1.03	44.84 3.51 -0.91	45.39 3.49 -0.79	49.67 4.01 -1.12	51.59 4.17 -0.07	52.43 3.80 0.00	50.10 3.54 0.00	47.91 3.09 0.00	42.42 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00
BAYONEEC___CTG4 323685	41.51 2.71 0.00	34.98 2.32 0.00	31.88 1.97 0.00	30.54 1.84 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.33 2.24 0.00	38.82 2.34 0.00	37.36 2.53 -0.11	39.61 2.78 -0.19	42.54 3.18 -0.10	43.58 3.37 -1.03	44.84 3.51 -0.91	45.39 3.49 -0.79	49.67 4.01 -1.12	51.59 4.17 -0.07	52.43 3.80 0.00	50.10 3.54 0.00	47.91 3.09 0.00	42.42 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00
BAYONEEC___CTG5 323686	41.51 2.71 0.00	34.98 2.32 0.00	31.88 1.97 0.00	30.54 1.84 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.33 2.24 0.00	38.82 2.34 0.00	37.36 2.53 -0.11	39.61 2.78 -0.19	42.54 3.18 -0.10	43.58 3.37 -1.03	44.84 3.51 -0.91	45.39 3.49 -0.79	49.67 4.01 -1.12	51.59 4.17 -0.07	52.43 3.80 0.00	50.10 3.54 0.00	47.91 3.09 0.00	42.42 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00
BAYONEEC___CTG6 323687	41.51 2.71 0.00	34.98 2.32 0.00	31.88 1.97 0.00	30.54 1.84 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.33 2.24 0.00	38.82 2.34 0.00	37.36 2.53 -0.11	39.61 2.78 -0.19	42.54 3.18 -0.10	43.58 3.37 -1.03	44.84 3.51 -0.91	45.39 3.49 -0.79	49.67 4.01 -1.12	51.59 4.17 -0.07	52.43 3.80 0.00	50.10 3.54 0.00	47.91 3.09 0.00	42.42 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00
BAYONEEC___CTG7 323688	41.51 2.71 0.00	34.98 2.32 0.00	31.88 1.97 0.00	30.54 1.84 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.33 2.24 0.00	38.82 2.34 0.00	37.36 2.53 -0.11	39.61 2.78 -0.19	42.54 3.18 -0.10	43.58 3.37 -1.03	44.84 3.51 -0.91	45.39 3.49 -0.79	49.67 4.01 -1.12	51.59 4.17 -0.07	52.43 3.80 0.00	50.10 3.54 0.00	47.91 3.09 0.00	42.42 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00

BAYONEEC___CTG8 323689	41.51 2.71 0.00	34.98 2.32 0.00	31.88 1.97 0.00	30.54 1.84 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.33 2.24 0.00	38.82 2.34 0.00	37.36 2.53 -0.11	39.61 2.78 -0.19	42.54 3.18 -0.10	43.58 3.37 -1.03	44.84 3.51 -0.91	45.39 3.49 -0.79	49.67 4.01 -1.12	51.59 4.17 -0.07	52.43 3.80 0.00	50.10 3.54 0.00	47.91 3.09 0.00	42.42 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00
BAYONEEC___CTG9 323749	41.51 2.71 0.00	34.98 2.32 0.00	31.88 1.97 0.00	30.54 1.84 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.33 2.24 0.00	38.82 2.34 0.00	37.36 2.53 -0.11	39.61 2.78 -0.19	42.54 3.18 -0.10	43.58 3.37 -1.03	44.84 3.51 -0.91	45.39 3.49 -0.79	49.67 4.01 -1.12	51.59 4.17 -0.07	52.43 3.80 0.00	50.10 3.54 0.00	47.91 3.09 0.00	42.42 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00
BEACON___LESR 323632	40.31 1.51 0.00	33.96 1.31 0.00	31.13 1.23 0.00	29.90 1.21 0.00	29.45 1.13 0.00	30.36 1.17 0.00	35.29 1.06 0.00	35.17 1.06 0.00	37.14 1.05 0.00	37.51 1.02 0.00	35.53 0.90 0.09	37.40 0.92 0.15	40.16 0.98 0.08	40.42 1.06 -0.19	41.79 1.21 -0.17	42.40 1.15 -0.14	46.04 1.29 -0.21	42.04 1.47 6.78	43.92 1.41 6.13	42.49 1.26 5.34	45.98 1.16 0.00	40.72 1.03 0.00	39.64 0.97 0.00	36.62 0.79 0.00
BEAVER RIVER___HYD 24048	38.79 0.00 0.00	32.43 -0.23 0.00	29.85 -0.06 0.00	28.73 0.03 0.00	28.37 0.06 0.00	29.45 0.26 0.00	34.64 0.41 0.00	34.48 0.38 0.00	36.20 0.11 0.00	36.60 0.11 0.00	34.61 -0.10 0.00	36.41 -0.22 0.00	38.99 -0.27 0.00	38.86 -0.31 0.00	40.01 -0.40 0.00	40.82 -0.29 0.00	44.27 -0.27 0.00	47.25 -0.09 0.00	48.88 0.24 0.00	46.70 0.14 0.00	45.09 0.27 0.00	39.97 0.28 0.00	38.79 0.12 0.00	35.94 0.11 0.00
BEEBEE_GT_13 23619	37.71 -1.09 0.00	31.51 -1.14 0.00	28.92 -0.99 0.00	27.69 -1.00 0.00	27.32 -0.99 0.00	28.26 -0.93 0.00	32.66 -1.57 0.00	32.47 -1.64 0.00	34.39 -1.70 0.00	34.70 -1.79 0.00	32.97 -1.74 0.01	34.79 -1.83 0.01	37.01 -2.24 0.01	36.74 -2.43 0.01	37.94 -2.47 0.01	38.17 -2.96 -0.02	40.55 -3.30 0.69	43.30 -3.55 0.50	45.56 -3.06 0.01	44.14 -2.42 0.00	42.76 -2.06 0.00	37.94 -1.75 0.00	36.93 -1.74 0.00	34.44 -1.40 0.00
BENSHRST_27_KV_BENSHRST_1 355998	42.05 3.26 0.00	35.50 2.84 0.00	32.30 2.39 0.00	30.88 2.18 0.00	30.38 2.07 0.00	31.20 2.01 0.00	36.32 2.09 0.00	36.15 2.05 0.00	38.58 2.49 0.00	39.19 2.70 0.00	37.81 2.99 -0.11	40.08 3.26 -0.19	43.06 3.69 -0.10	44.05 3.84 -1.03	45.36 4.04 -0.91	46.05 4.15 -0.79	50.34 4.68 -1.12	52.20 4.78 -0.07	52.92 4.28 0.00	50.38 3.82 0.00	48.36 3.54 0.00	42.82 3.14 0.00	41.34 2.67 0.00	38.38 2.54 0.00
BETHLEHEM___GRP 23843	39.76 0.97 0.00	33.54 0.88 0.00	30.72 0.81 0.00	29.50 0.80 0.00	29.08 0.76 0.00	29.98 0.79 0.00	34.81 0.58 0.00	34.72 0.61 0.00	36.74 0.65 0.00	37.03 0.55 0.00	34.98 0.35 0.08	36.82 0.33 0.14	39.58 0.39 0.08	39.83 0.47 -0.19	41.15 0.57 -0.17	41.83 0.58 -0.14	45.37 0.62 -0.20	41.76 0.71 6.30	43.58 0.63 5.69	42.07 0.47 4.96	45.27 0.45 0.00	40.05 0.36 0.00	39.02 0.35 0.00	36.09 0.25 0.00
BETHLEHEM___GS1 323560	39.76 0.97 0.00	33.50 0.85 0.00	30.72 0.81 0.00	29.50 0.80 0.00	29.08 0.76 0.00	29.98 0.79 0.00	34.81 0.58 0.00	34.72 0.61 0.00	36.63 0.54 0.00	37.00 0.51 0.00	34.98 0.35 0.08	36.82 0.33 0.14	39.58 0.39 0.08	39.83 0.47 -0.19	41.15 0.57 -0.17	41.78 0.53 -0.14	45.37 0.62 -0.20	41.76 0.71 6.30	43.53 0.59 5.69	42.07 0.47 4.96	45.27 0.45 0.00	40.04 0.36 0.00	39.02 0.35 0.00	36.09 0.25 0.00
BETHLEHEM___GS2 323561	39.76 0.97 0.00	33.50 0.85 0.00	30.72 0.81 0.00	29.50 0.80 0.00	29.08 0.76 0.00	29.98 0.79 0.00	34.81 0.58 0.00	34.72 0.61 0.00	36.63 0.54 0.00	37.00 0.51 0.00	34.98 0.35 0.08	36.82 0.33 0.14	39.58 0.39 0.08	39.83 0.47 -0.19	41.15 0.57 -0.17	41.78 0.53 -0.14	45.37 0.62 -0.20	41.76 0.71 6.30	43.53 0.59 5.69	42.07 0.47 4.96	45.27 0.45 0.00	40.04 0.36 0.00	39.02 0.35 0.00	36.09 0.25 0.00
BETHLEHEM___GS3 323562	39.76 0.97 0.00	33.50 0.85 0.00	30.72 0.81 0.00	29.50 0.80 0.00	29.08 0.76 0.00	29.98 0.79 0.00	34.81 0.58 0.00	34.72 0.61 0.00	36.63 0.54 0.00	37.00 0.51 0.00	34.98 0.35 0.08	36.82 0.33 0.14	39.58 0.39 0.08	39.83 0.47 -0.19	41.15 0.57 -0.17	41.78 0.53 -0.14	45.37 0.62 -0.20	41.76 0.71 6.30	43.53 0.59 5.69	42.07 0.47 4.96	45.27 0.45 0.00	40.04 0.36 0.00	39.02 0.35 0.00	36.09 0.25 0.00
BETHLEHEM___STEEL 23779	36.39 -2.41 0.00	30.37 -2.29 0.00	27.96 -1.94 0.00	26.72 -1.98 0.00	26.45 -1.87 0.00	27.44 -1.75 0.00	31.22 -3.01 0.00	31.00 -3.10 0.00	32.70 -3.39 0.00	32.84 -3.65 0.00	31.12 -3.58 0.02	32.87 -3.74 0.02	35.04 -4.20 0.02	34.96 -4.19 0.02	36.07 -4.32 0.02	36.36 -4.60 0.14	35.60 -5.12 3.82	38.64 -5.45 3.27	43.17 -5.45 0.02	41.67 -4.89 0.00	40.56 -4.26 0.00	36.20 -3.49 0.00	35.19 -3.48 0.00	33.22 -2.62 0.00
BETHLHEM_115KV_TB1 79974	40.03 1.24 0.00	33.73 1.08 0.00	30.86 0.96 0.00	29.62 0.92 0.00	29.19 0.88 0.00	30.09 0.90 0.00	35.02 0.79 0.00	34.89 0.78 0.00	36.95 0.87 0.00	37.32 0.84 0.00	35.47 0.80 0.04	37.40 0.84 0.08	40.16 0.94 0.04	40.37 1.02 -0.17	41.66 1.09 -0.15	42.39 1.15 -0.13	45.97 1.25 -0.19	46.00 1.33 2.68	47.48 1.26 2.43	45.57 1.12 2.11	45.36 0.54 0.00	40.16 0.48 0.00	39.10 0.43 0.00	36.16 0.32 0.00
BETHPAGE_CC_5 323564	41.75 2.95 -0.01	35.28 2.61 -0.01	32.22 2.30 -0.01	30.92 2.21 -0.01	30.51 2.18 -0.01	31.42 2.22 -0.01	36.18 1.95 0.00	36.29 2.18 0.00	38.55 2.46 -0.01	39.86 2.41 -0.97	43.83 2.33 -6.79	46.11 2.31 -7.16	58.49 2.75 -16.48	61.26 2.98 -19.11	61.72 3.15 -18.15	71.72 3.17 -27.44	70.85 3.74 -22.57	70.10 3.93 -18.82	65.51 3.65 -13.22	60.69 3.45 -10.68	49.92 2.87 -2.23	44.69 2.62 -2.39	41.48 2.51 -0.29	38.21 2.36 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.43 -2.37 0.00	30.40 -2.25 0.00	27.99 -1.91 0.00	26.72 -1.98 0.00	26.47 -1.84 0.00	27.47 -1.72 0.00	31.29 -2.94 0.00	31.04 -3.07 0.00	32.77 -3.32 0.00	32.91 -3.58 0.00	31.19 -3.51 0.02	32.95 -3.66 0.02	35.24 -4.00 0.02	35.16 -4.00 0.02	36.23 -4.16 0.02	36.65 -4.32 0.14	36.00 -4.81 3.73	38.98 -5.11 3.26	43.41 -5.20 0.02	41.77 -4.80 0.00	40.65 -4.17 0.00	36.24 -3.45 0.00	35.27 -3.40 0.00	33.26 -2.58 0.00
BINGHAMTON___COGEN 23790	38.52 -0.27 0.00	32.33 -0.33 0.00	29.64 -0.27 0.00	28.38 -0.32 0.00	28.03 -0.28 0.00	28.96 -0.23 0.00	33.65 -0.58 0.00	33.53 -0.58 0.00	35.44 -0.65 0.00	35.79 -0.69 0.00	34.05 -0.66 0.01	35.93 -0.70 0.01	38.51 -0.75 0.01	38.42 -0.74 0.01	39.60 -0.81 0.01	40.33 -0.74 0.04	42.99 -0.85 0.70	45.47 -0.90 0.98	47.75 -0.88 0.01	45.72 -0.84 0.00	44.10 -0.72 0.00	39.05 -0.64 0.00	37.98 -0.70 0.00	35.30 -0.54 0.00

BIXINCNT_115KV_LOAD 355685	36.19 -2.60 0.00	30.34 -2.32 0.00	28.02 -1.88 0.00	26.78 -1.92 0.00	26.59 -1.73 0.00	27.61 -1.58 0.00	31.49 -2.74 0.00	31.24 -2.87 0.00	32.98 -3.10 0.00	33.17 -3.32 0.00	31.43 -3.26 0.02	33.24 -3.37 0.02	35.70 -3.53 0.02	35.70 -3.45 0.02	36.67 -3.72 0.02	37.48 -3.49 0.14	37.36 -3.92 3.26	39.96 -4.17 3.22	44.19 -4.43 0.02	42.09 -4.47 0.00	40.96 -3.85 0.00	36.43 -3.25 0.00	35.39 -3.29 0.00	33.33 -2.51 0.00
BLACK RIVER___HYD 24047	39.14 0.35 0.00	32.56 -0.10 0.00	29.94 0.03 0.00	28.76 0.06 0.00	28.37 0.06 0.00	29.37 0.18 0.00	34.47 0.24 0.00	34.28 0.17 0.00	36.05 -0.04 0.00	36.52 0.04 0.00	34.51 -0.21 0.00	36.30 -0.33 0.00	38.83 -0.43 0.00	38.71 -0.47 0.00	39.85 -0.57 0.00	40.66 -0.45 0.00	44.09 -0.45 0.00	47.07 -0.28 0.00	48.83 0.20 0.00	46.66 0.09 0.00	45.09 0.27 0.00	39.93 0.24 0.00	38.71 0.04 0.00	35.87 0.04 0.00
BLACKRVR_115KV_TB2 79977	39.14 0.35 0.00	32.56 -0.10 0.00	29.94 0.03 0.00	28.76 0.06 0.00	28.37 0.06 0.00	29.36 0.18 0.00	34.47 0.24 0.00	34.28 0.17 0.00	36.05 -0.04 0.00	36.49 0.00 0.00	34.51 -0.21 0.00	36.30 -0.33 0.00	38.83 -0.43 0.00	38.70 -0.47 0.00	39.85 -0.57 0.00	40.65 -0.45 0.00	44.09 -0.45 0.00	47.06 -0.28 0.00	48.83 0.19 0.00	46.66 0.09 0.00	45.09 0.27 0.00	39.93 0.24 0.00	38.71 0.04 0.00	35.87 0.04 0.00
BLDWN_LI_69_KV_BK4 356085	41.95 3.14 -0.01	35.41 2.74 -0.01	32.31 2.39 -0.01	30.98 2.27 -0.01	30.54 2.21 -0.01	31.48 2.28 -0.01	36.28 2.05 0.00	36.46 2.35 0.00	38.73 2.63 -0.01	40.16 2.59 -1.09	44.80 2.50 -7.59	47.23 2.60 -8.00	60.80 3.10 -18.44	63.62 3.17 -21.27	64.03 3.39 -20.22	75.27 3.54 -30.63	73.81 4.05 -25.22	72.79 4.31 -21.13	67.57 4.13 -14.80	62.29 3.77 -11.96	50.64 3.32 -2.50	45.22 2.86 -2.67	41.71 2.71 -0.32	38.36 2.51 -0.01
BLISS_WT_PWR 323608	36.19 -2.60 0.00	30.37 -2.29 0.00	27.99 -1.91 0.00	26.78 -1.92 0.00	26.59 -1.73 0.00	27.58 -1.61 0.00	31.49 -2.74 0.00	31.28 -2.83 0.00	33.09 -2.99 0.00	33.38 -3.10 0.00	31.50 -3.19 0.02	33.31 -3.30 0.02	35.63 -3.61 0.02	35.66 -3.49 0.02	36.63 -3.76 0.02	37.48 -3.49 0.14	37.36 -3.92 3.26	39.96 -4.17 3.22	43.85 -4.76 0.02	42.09 -4.47 0.00	41.23 -3.59 0.00	36.43 -3.25 0.00	35.39 -3.29 0.00	33.33 -2.51 0.00
BLUESTONE___WT_PWR 323821	40.19 1.39 0.00	33.70 1.04 0.00	30.95 1.05 0.00	29.64 0.95 0.00	29.25 0.93 0.00	30.18 0.99 0.00	35.19 0.96 0.00	34.99 0.89 0.00	37.06 0.97 0.00	37.62 1.13 0.00	35.74 1.01 -0.01	37.74 1.10 -0.01	40.41 1.14 -0.01	40.32 1.14 -0.01	41.44 1.01 -0.01	42.15 1.03 -0.02	46.28 1.03 -0.72	49.18 1.18 -0.65	50.06 1.41 -0.01	47.91 1.35 0.00	46.34 1.52 0.00	40.96 1.27 0.00	39.72 1.04 0.00	36.88 1.04 0.00
BLUE_CIRC_CHEM_DRP 24182	40.15 1.36 0.00	33.83 1.18 0.00	30.95 1.05 0.00	29.73 1.03 0.00	29.31 0.99 0.00	30.18 0.99 0.00	35.12 0.89 0.00	34.96 0.85 0.00	36.92 0.83 0.00	37.25 0.77 0.00	35.40 0.73 0.05	37.28 0.73 0.08	40.04 0.82 0.05	40.23 0.90 -0.16	41.52 0.97 -0.14	42.25 1.03 -0.12	45.82 1.11 -0.17	44.95 1.28 3.68	46.53 1.22 3.33	44.78 1.12 2.90	45.76 0.94 0.00	40.52 0.83 0.00	39.49 0.81 0.00	36.55 0.72 0.00
BOC_GAS_DRP 24189	39.88 1.09 0.00	33.60 0.95 0.00	30.75 0.84 0.00	29.50 0.80 0.00	29.11 0.79 0.00	29.98 0.79 0.00	34.92 0.68 0.00	34.82 0.72 0.00	36.85 0.76 0.00	37.22 0.73 0.00	35.37 0.69 0.04	37.29 0.73 0.08	40.05 0.82 0.04	40.25 0.90 -0.17	41.54 0.97 -0.15	42.27 1.03 -0.13	45.84 1.11 -0.19	45.86 1.18 2.68	47.33 1.12 2.43	45.43 0.98 2.11	45.62 0.81 0.00	40.36 0.67 0.00	39.33 0.66 0.00	36.41 0.57 0.00
BOONVILLE_115KV_TB1 79983	39.26 0.47 0.00	32.92 0.26 0.00	30.24 0.33 0.00	29.04 0.34 0.00	28.68 0.37 0.00	29.69 0.50 0.00	34.78 0.55 0.00	34.62 0.51 0.00	36.48 0.40 0.00	36.96 0.47 0.00	35.03 0.31 0.00	36.93 0.29 0.00	39.54 0.27 0.00	39.45 0.27 0.00	40.66 0.24 0.00	41.39 0.29 0.00	44.85 0.31 0.00	47.77 0.43 0.00	49.27 0.63 0.00	47.12 0.56 0.00	45.45 0.63 0.00	40.20 0.52 0.00	39.06 0.39 0.00	36.19 0.36 0.00
BORALEX_4TH_BRANCH 23824	41.35 2.56 0.00	34.85 2.19 0.00	31.85 1.94 0.00	30.54 1.84 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.01 1.78 0.00	35.98 1.88 0.00	38.00 1.91 0.00	38.20 1.71 0.00	36.18 1.70 0.24	38.05 1.83 0.41	41.08 2.04 0.22	41.72 2.31 -0.24	43.17 2.55 -0.21	43.88 2.59 -0.18	47.64 2.85 -0.26	59.59 3.17 -9.07	59.91 3.11 -8.16	56.41 2.75 -7.10	47.37 2.55 0.00	41.87 2.18 0.00	40.80 2.13 0.00	37.63 1.79 0.00
BOWLINE___1 23526	40.89 2.09 0.00	34.45 1.79 0.00	31.46 1.55 0.00	30.13 1.43 0.00	29.70 1.39 0.00	30.62 1.43 0.00	35.63 1.40 0.00	35.51 1.40 0.00	37.71 1.63 0.00	38.20 1.72 0.00	36.69 1.87 -0.10	38.85 2.05 -0.17	41.75 2.40 -0.09	40.18 2.54 1.54	41.77 2.71 1.36	42.64 2.71 1.18	45.98 3.12 1.68	50.46 3.26 0.16	51.61 2.97 0.00	49.36 2.79 0.00	47.24 2.42 0.00	41.75 2.06 0.00	40.49 1.82 0.00	37.41 1.58 0.00
BOWLINE___2 23595	40.85 2.05 0.00	34.45 1.79 0.00	31.46 1.55 0.00	30.13 1.43 0.00	29.70 1.39 0.00	30.62 1.43 0.00	35.63 1.40 0.00	35.51 1.40 0.00	37.71 1.63 0.00	38.17 1.68 0.00	36.65 1.84 -0.10	38.85 2.05 -0.17	41.75 2.40 -0.09	40.18 2.54 1.54	41.73 2.67 1.36	42.64 2.71 1.18	45.98 3.12 1.68	50.41 3.22 0.16	51.61 2.97 0.00	49.31 2.75 0.00	47.24 2.42 0.00	41.75 2.06 0.00	40.49 1.82 0.00	37.41 1.58 0.00
BRADY___115KV_TB2 356060	38.79 0.00 0.00	32.76 0.10 0.00	30.06 0.15 0.00	28.90 0.20 0.00	28.57 0.25 0.00	29.42 0.23 0.00	34.92 0.68 0.00	34.79 0.68 0.00	36.70 0.61 0.00	37.11 0.62 0.00	35.20 0.49 0.00	37.07 0.44 0.00	39.73 0.47 0.00	39.53 0.35 0.00	40.70 0.28 0.00	41.56 0.45 0.00	45.12 0.58 0.00	48.06 0.71 0.00	49.47 0.83 0.00	47.40 0.84 0.00	45.85 1.03 0.00	40.60 0.91 0.00	39.56 0.89 0.00	36.66 0.82 0.00
BRANSCOMB___SOLAR 323811	41.24 2.45 0.00	34.72 2.06 0.00	31.76 1.85 0.00	30.48 1.78 0.00	30.01 1.70 0.00	30.94 1.75 0.00	35.98 1.74 0.00	35.85 1.74 0.00	37.82 1.73 0.00	38.13 1.64 0.00	36.06 1.46 0.12	38.08 1.65 0.20	41.00 1.85 0.11	40.85 1.49 -0.18	42.31 1.74 -0.16	42.93 1.69 -0.14	46.57 1.83 -0.20	56.29 2.23 -6.72	56.97 2.29 -6.04	54.01 2.19 -5.26	46.88 2.06 0.00	41.48 1.79 0.00	40.72 2.05 0.00	37.59 1.76 0.00
BRDGHMPT_69_KV_BK1 55812	42.06 3.26 -0.01	35.41 2.74 -0.01	32.25 2.33 -0.01	30.89 2.18 -0.01	30.50 2.18 -0.01	31.45 2.25 -0.01	35.77 1.54 0.00	36.12 2.01 0.00	38.48 2.38 -0.01	39.91 2.59 -0.83	43.25 2.71 -5.82	45.61 2.82 -6.16	56.76 3.38 -14.12	59.12 3.45 -16.50	59.84 3.76 -15.66	68.69 3.99 -23.60	68.61 4.63 -19.44	68.17 4.73 -16.09	64.52 4.57 -11.31	59.98 4.28 -9.14	50.36 3.63 -1.91	44.83 3.10 -2.04	41.67 2.75 -0.25	38.57 2.72 -0.01



BRENTWOD_69_KV_W. BRTWOOD 56703	42.37 3.57 -0.01	35.70 3.04 -0.01	32.55 2.63 -0.01	31.18 2.47 -0.01	30.79 2.46 -0.01	31.74 2.54 -0.01	36.39 2.16 0.00	36.67 2.56 0.00	38.95 2.85 -0.01	40.25 2.92 -0.84	43.38 2.74 -5.92	45.64 2.75 -6.26	56.83 3.22 -14.35	59.06 3.13 -16.75	59.76 3.44 -15.91	68.66 3.58 -23.97	68.47 4.19 -19.74	68.15 4.45 -16.35	64.37 4.23 -11.50	60.00 4.14 -9.29	50.44 3.68 -1.94	44.98 3.21 -2.07	42.02 3.09 -0.25	38.75 2.90 -0.01
BRISTLHL_115KV_TB1 79998	38.10 -0.70 0.00	31.94 -0.72 0.00	29.25 -0.66 0.00	28.04 -0.66 0.00	27.66 -0.65 0.00	28.55 -0.64 0.00	33.34 -0.89 0.00	33.22 -0.89 0.00	35.15 -0.94 0.00	35.54 -0.95 0.00	33.78 -0.94 0.00	35.64 -0.99 0.00	38.08 -1.18 0.00	38.00 -1.18 0.00	39.16 -1.25 0.00	39.79 -1.32 0.00	43.02 -1.51 0.00	45.79 -1.56 0.00	47.18 -1.46 0.00	45.26 -1.30 0.00	43.52 -1.30 0.00	38.54 -1.15 0.00	37.55 -1.12 0.00	34.87 -0.97 0.00
BROOKHAVEN___DRP 24191	41.83 3.03 -0.01	35.21 2.55 -0.01	32.10 2.18 -0.01	30.75 2.04 -0.01	30.36 2.04 -0.01	31.27 2.07 -0.01	35.84 1.61 0.00	36.12 2.01 0.00	38.41 2.31 -0.01	39.72 2.41 -0.83	42.83 2.29 -5.82	45.06 2.27 -6.16	56.08 2.71 -14.11	58.41 2.74 -16.49	59.10 3.03 -15.66	67.90 3.21 -23.59	67.75 3.79 -19.43	67.45 4.02 -16.08	63.79 3.84 -11.31	59.33 3.63 -9.13	49.87 3.14 -1.91	44.43 2.70 -2.04	41.44 2.51 -0.25	38.28 2.44 -0.01
BROOKLYN_NAVY_YARD 23515	41.47 2.67 0.00	34.94 2.29 0.00	31.85 1.94 0.00	30.51 1.81 0.00	30.07 1.76 0.00	31.00 1.81 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.33 2.24 0.00	38.82 2.34 0.00	37.36 2.53 -0.11	39.61 2.78 -0.19	42.59 3.22 -0.10	43.58 3.37 -1.03	44.84 3.51 -0.91	45.43 3.54 -0.79	49.77 4.05 -1.18	51.68 4.21 -0.12	52.48 3.84 0.00	50.10 3.54 0.00	47.91 3.09 0.00	42.42 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00
BROOKLYN___ARMY_DRP 323595	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
BROOME_2_LFGE 323671	38.56 -0.23 0.00	32.36 -0.29 0.00	29.64 -0.27 0.00	28.38 -0.32 0.00	28.03 -0.28 0.00	28.96 -0.23 0.00	33.65 -0.58 0.00	33.53 -0.58 0.00	35.47 -0.61 0.00	35.83 -0.66 0.00	34.05 -0.66 0.01	35.93 -0.70 0.01	38.47 -0.78 0.01	38.42 -0.75 0.01	39.60 -0.81 0.01	40.33 -0.74 0.04	42.99 -0.85 0.70	45.47 -0.90 0.98	47.70 -0.93 0.01	45.73 -0.84 0.00	44.15 -0.67 0.00	39.05 -0.64 0.00	37.98 -0.70 0.00	35.30 -0.54 0.00
BROOME___LFGE 323600	38.56 -0.23 0.00	32.36 -0.29 0.00	29.64 -0.27 0.00	28.38 -0.32 0.00	28.03 -0.28 0.00	28.96 -0.23 0.00	33.65 -0.58 0.00	33.53 -0.58 0.00	35.47 -0.61 0.00	35.83 -0.66 0.00	34.05 -0.66 0.01	35.93 -0.70 0.01	38.47 -0.78 0.01	38.42 -0.75 0.01	39.60 -0.81 0.01	40.33 -0.74 0.04	42.99 -0.85 0.70	45.47 -0.90 0.98	47.70 -0.93 0.01	45.73 -0.84 0.00	44.15 -0.67 0.00	39.05 -0.64 0.00	37.98 -0.70 0.00	35.30 -0.54 0.00
BROWNFLS_115KV_TB_3_5 80003	38.68 -0.12 0.00	32.49 -0.16 0.00	29.88 -0.03 0.00	28.73 0.03 0.00	28.40 0.08 0.00	29.39 0.20 0.00	34.68 0.44 0.00	34.55 0.44 0.00	36.38 0.29 0.00	36.81 0.33 0.00	34.86 0.14 0.00	36.67 0.04 0.00	39.30 0.04 0.00	39.14 -0.04 0.00	40.29 -0.12 0.00	41.11 0.00 0.00	44.58 0.04 0.00	47.54 0.19 0.00	49.03 0.39 0.00	46.94 0.37 0.00	45.36 0.54 0.00	40.20 0.52 0.00	39.06 0.39 0.00	36.16 0.32 0.00
BROWNSV1_27_KV_LOAD 356125	41.90 3.10 0.00	35.30 2.65 0.00	32.15 2.24 0.00	30.79 2.10 0.00	30.33 2.01 0.00	31.26 2.07 0.00	36.39 2.16 0.00	36.29 2.18 0.00	38.65 2.56 0.00	39.22 2.74 0.00	37.71 2.88 -0.11	40.01 3.19 -0.19	43.02 3.65 -0.10	43.93 3.72 -1.03	45.24 3.92 -0.91	45.96 4.07 -0.79	50.21 4.54 -1.12	52.16 4.73 -0.07	53.06 4.43 0.00	50.57 4.00 0.00	48.40 3.59 0.00	42.82 3.14 0.00	41.42 2.75 0.00	38.27 2.44 0.00
BURROWS___LYONSDAL 23803	39.10 0.31 0.00	32.79 0.13 0.00	30.15 0.24 0.00	28.96 0.26 0.00	28.60 0.28 0.00	29.66 0.47 0.00	34.78 0.55 0.00	34.62 0.51 0.00	36.41 0.32 0.00	36.85 0.36 0.00	34.93 0.21 0.00	36.78 0.15 0.00	39.38 0.12 0.00	39.29 0.12 0.00	40.50 0.08 0.00	41.23 0.12 0.00	44.72 0.18 0.00	47.63 0.28 0.00	49.17 0.54 0.00	46.98 0.42 0.00	45.36 0.54 0.00	40.13 0.44 0.00	38.95 0.27 0.00	36.12 0.29 0.00
CAITHNESS_CC_1 323624	41.83 3.03 -0.01	35.21 2.55 -0.01	32.13 2.21 -0.01	30.78 2.07 -0.01	30.36 2.04 -0.01	31.30 2.10 -0.01	35.87 1.64 0.00	36.09 1.98 0.00	38.44 2.34 -0.01	39.69 2.37 -0.83	42.83 2.29 -5.82	44.98 2.20 -6.15	56.00 2.63 -14.11	58.60 2.94 -16.49	59.22 3.15 -15.65	67.81 3.12 -23.58	67.70 3.74 -19.42	67.40 3.98 -16.07	63.68 3.75 -11.30	59.33 3.63 -9.13	49.69 2.96 -1.91	44.43 2.70 -2.04	41.43 2.51 -0.25	38.28 2.44 -0.01
CALPINE BETH_PAGE_GT4 24209	41.83 3.03 -0.01	35.38 2.71 -0.01	32.28 2.36 -0.01	30.95 2.24 -0.01	30.53 2.21 -0.01	31.45 2.25 -0.01	36.25 2.02 0.00	36.43 2.32 0.00	38.59 2.49 -0.01	40.00 2.48 -1.04	44.23 2.29 -7.22	46.60 2.34 -7.62	59.60 2.79 -17.55	62.33 2.86 -20.29	62.77 3.07 -19.28	73.50 3.21 -29.19	72.23 3.70 -23.99	71.34 3.93 -20.07	66.42 3.70 -14.08	61.34 3.40 -11.38	50.16 2.96 -2.38	44.81 2.58 -2.54	41.54 2.55 -0.31	38.21 2.37 -0.01
CALPINE_BETH_PAGE_GT_4 323586	41.79 2.99 -0.01	35.28 2.61 -0.01	32.28 2.36 -0.01	30.95 2.24 -0.01	30.54 2.21 -0.01	31.45 2.25 -0.01	36.25 2.02 0.00	36.36 2.25 0.00	38.59 2.49 -0.01	39.93 2.41 -1.04	44.23 2.29 -7.22	46.56 2.31 -7.62	59.56 2.75 -17.55	62.44 2.98 -20.29	62.85 3.15 -19.28	73.46 3.17 -29.19	72.22 3.69 -23.99	71.34 3.93 -20.07	66.37 3.65 -14.08	61.34 3.40 -11.38	50.07 2.87 -2.38	44.81 2.58 -2.54	41.53 2.55 -0.31	38.21 2.36 -0.01
CALPINE_BP_GT1 23823	41.79 2.99 -0.01	35.28 2.61 -0.01	32.28 2.36 -0.01	30.95 2.24 -0.01	30.54 2.21 -0.01	31.45 2.25 -0.01	36.25 2.02 0.00	36.36 2.25 0.00	38.59 2.49 -0.01	39.93 2.41 -1.04	44.23 2.29 -7.22	46.56 2.31 -7.62	59.56 2.75 -17.55	62.44 2.98 -20.29	62.85 3.15 -19.28	73.46 3.17 -29.19	72.22 3.69 -23.99	71.34 3.93 -20.07	66.37 3.65 -14.08	61.34 3.40 -11.38	50.07 2.87 -2.38	44.81 2.58 -2.54	41.53 2.55 -0.31	38.21 2.36 -0.01
CALSPAN___DRP 24200	36.39 -2.41 0.00	30.37 -2.29 0.00	27.96 -1.94 0.00	26.72 -1.98 0.00	26.45 -1.87 0.00	27.44 -1.75 0.00	31.22 -3.01 0.00	31.00 -3.10 0.00	32.70 -3.39 0.00	32.84 -3.65 0.00	31.12 -3.58 0.02	32.87 -3.74 0.02	35.04 -4.20 0.02	34.96 -4.19 0.02	36.07 -4.32 0.02	36.36 -4.60 0.14	35.60 -5.12 3.82	38.64 -5.45 3.27	43.17 -5.45 0.02	41.67 -4.89 0.00	40.56 -4.26 0.00	36.20 -3.49 0.00	35.19 -3.48 0.00	33.22 -2.62 0.00

CALVERTON___SOLAR 323806	41.83 3.03 -0.01	35.21 2.55 -0.01	32.10 2.18 -0.01	30.75 2.04 -0.01	30.36 2.04 -0.01	31.30 2.10 -0.01	35.81 1.58 0.00	36.02 1.91 0.00	38.37 2.27 -0.01	39.65 2.34 -0.83	42.83 2.29 -5.82	45.06 2.27 -6.16	56.08 2.71 -14.11	58.68 3.02 -16.49	59.31 3.23 -15.66	67.94 3.25 -23.59	67.89 3.92 -19.43	67.60 4.17 -16.08	63.84 3.89 -11.31	59.47 3.77 -9.13	49.78 3.05 -1.91	44.51 2.78 -2.04	41.47 2.55 -0.25	38.28 2.44 -0.01
CANDIGU_WT_PWR 323617	37.36 -1.43 0.00	31.32 -1.34 0.00	28.77 -1.14 0.00	27.52 -1.18 0.00	27.21 -1.10 0.00	28.20 -0.99 0.00	32.49 -1.74 0.00	32.33 -1.78 0.00	34.10 -1.98 0.00	34.37 -2.12 0.00	32.46 -2.22 0.04	34.18 -2.42 0.04	36.52 -2.71 0.04	36.39 -2.74 0.04	37.51 -2.87 0.04	38.16 -2.84 0.11	27.62 -3.21 13.71	38.94 -3.32 5.09	45.39 -3.21 0.04	43.77 -2.79 0.00	42.53 -2.28 0.00	37.62 -2.07 0.00	36.59 -2.09 0.00	34.22 -1.61 0.00
CARR STREET_E_SYR 24060	38.25 -0.54 0.00	32.07 -0.59 0.00	29.37 -0.54 0.00	28.15 -0.55 0.00	27.78 -0.54 0.00	28.67 -0.52 0.00	33.44 -0.79 0.00	33.32 -0.78 0.00	35.26 -0.83 0.00	35.65 -0.84 0.00	33.88 -0.83 0.00	35.75 -0.88 0.00	38.16 -1.10 0.00	38.04 -1.14 0.00	39.20 -1.21 0.00	39.87 -1.23 0.00	43.07 -1.47 0.00	45.83 -1.52 0.00	47.23 -1.41 0.00	45.31 -1.26 0.00	43.61 -1.21 0.00	38.62 -1.07 0.00	37.59 -1.08 0.00	35.01 -0.82 0.00
CARTHAGE___PAPER 23857	38.91 0.12 0.00	32.49 -0.16 0.00	29.88 -0.03 0.00	28.73 0.03 0.00	28.37 0.06 0.00	29.42 0.23 0.00	34.61 0.38 0.00	34.41 0.31 0.00	36.16 0.07 0.00	36.56 0.07 0.00	34.54 -0.17 0.00	36.34 -0.29 0.00	38.87 -0.39 0.00	38.74 -0.43 0.00	39.93 -0.48 0.00	40.74 -0.37 0.00	44.23 -0.31 0.00	47.25 -0.09 0.00	48.93 0.29 0.00	46.75 0.19 0.00	45.17 0.36 0.00	40.00 0.32 0.00	38.79 0.12 0.00	35.94 0.11 0.00
CASSADAGA_WT_PWR 323784	37.20 -1.59 0.00	31.12 -1.53 0.00	28.59 -1.32 0.00	27.26 -1.43 0.00	26.64 -1.67 0.00	27.58 -1.61 0.00	31.42 -2.81 0.00	31.11 -3.00 0.00	32.80 -3.28 0.00	32.91 -3.57 0.00	30.94 -3.75 0.02	32.54 -4.07 0.02	34.68 -4.55 0.02	34.65 -4.50 0.02	35.54 -4.85 0.02	36.37 -4.60 0.14	36.01 -5.12 3.41	38.85 -5.26 3.24	43.21 -5.40 0.02	41.81 -4.75 0.00	41.19 -3.63 0.00	36.43 -3.25 0.00	35.47 -3.21 0.00	33.44 -2.40 0.00
CE_DUNWOOD___DRP 24194	41.24 2.44 0.00	34.78 2.12 0.00	31.70 1.79 0.00	30.39 1.69 0.00	29.96 1.64 0.00	30.85 1.66 0.00	35.87 1.64 0.00	35.78 1.67 0.00	38.04 1.95 0.00	38.57 2.08 0.00	37.01 2.19 -0.11	39.28 2.45 -0.19	42.19 2.83 -0.10	43.18 2.94 -1.07	44.47 3.11 -0.94	45.13 3.21 -0.82	49.31 3.61 -1.16	51.21 3.79 -0.08	52.19 3.55 0.00	49.78 3.21 0.00	47.64 2.82 0.00	42.11 2.42 0.00	40.84 2.17 0.00	37.70 1.86 0.00
CE_MILLWOOD___DRP 24193	41.16 2.37 0.00	34.68 2.02 0.00	31.64 1.73 0.00	30.31 1.61 0.00	29.87 1.56 0.00	30.80 1.61 0.00	35.81 1.57 0.00	35.71 1.60 0.00	37.93 1.84 0.00	38.46 1.97 0.00	36.91 2.08 -0.11	39.16 2.34 -0.18	42.07 2.71 -0.10	43.05 2.78 -1.09	44.37 2.99 -0.96	45.02 3.08 -0.83	49.20 3.47 -1.19	51.02 3.60 -0.08	52.04 3.40 0.00	49.59 3.03 0.00	47.51 2.69 0.00	41.99 2.30 0.00	40.72 2.05 0.00	37.63 1.79 0.00
CE_NYC2_DRP 24202	41.70 2.91 0.00	35.17 2.51 0.00	32.03 2.12 0.00	30.65 1.95 0.00	30.18 1.87 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.88 0.00	38.33 2.24 0.00	38.93 2.44 0.00	37.50 2.67 -0.11	39.79 2.97 -0.19	42.74 3.38 -0.10	43.69 3.49 -1.03	45.00 3.68 -0.91	45.63 3.74 -0.79	49.85 4.19 -1.12	51.68 4.26 -0.07	52.48 3.84 0.00	50.01 3.45 0.00	47.95 3.14 0.00	42.51 2.82 0.00	41.07 2.40 0.00	38.06 2.22 0.00
CE_NYC_DRP 24195	41.59 2.79 0.00	35.07 2.42 0.00	31.94 2.03 0.00	30.59 1.89 0.00	30.16 1.84 0.00	31.06 1.87 0.00	36.15 1.92 0.00	36.05 1.94 0.00	38.40 2.31 0.00	38.93 2.44 0.00	37.43 2.60 -0.11	39.72 2.89 -0.19	42.70 3.34 -0.10	43.62 3.41 -1.03	44.92 3.60 -0.91	45.59 3.70 -0.79	49.80 4.14 -1.12	51.78 4.36 -0.07	52.68 4.04 0.00	50.19 3.63 0.00	48.04 3.23 0.00	42.51 2.82 0.00	41.15 2.48 0.00	38.02 2.19 0.00
CHAFFEE___LFGE 323603	36.54 -2.25 0.00	30.50 -2.16 0.00	27.99 -1.91 0.00	26.72 -1.98 0.00	26.47 -1.84 0.00	27.44 -1.75 0.00	31.25 -2.98 0.00	31.07 -3.04 0.00	32.88 -3.21 0.00	33.13 -3.36 0.00	31.19 -3.51 0.02	32.91 -3.70 0.02	35.16 -4.08 0.02	35.12 -4.03 0.02	36.11 -4.29 0.02	36.77 -4.19 0.14	36.15 -4.85 3.54	38.95 -5.16 3.24	43.36 -5.25 0.02	41.81 -4.75 0.00	40.96 -3.85 0.00	36.24 -3.45 0.00	35.27 -3.40 0.00	33.26 -2.58 0.00
CHATEAUG_35_KV_LOAD 355732	37.63 -1.16 0.00	32.04 -0.62 0.00	29.58 -0.33 0.00	28.61 -0.09 0.00	28.32 0.00 0.00	29.22 0.03 0.00	34.71 0.48 0.00	34.62 0.51 0.00	36.59 0.51 0.00	37.07 0.58 0.00	35.20 0.49 0.00	37.11 0.48 0.00	39.77 0.51 0.00	39.53 0.35 0.00	40.66 0.24 0.00	41.48 0.37 0.00	45.07 0.53 0.00	47.63 0.28 0.00	48.93 0.29 0.00	47.08 0.51 0.00	45.89 1.08 0.00	40.60 0.91 0.00	39.53 0.85 0.00	36.63 0.79 0.00
CHATEAUG_WT_PWR 323614	37.59 -1.20 0.00	32.00 -0.65 0.00	29.55 -0.36 0.00	28.61 -0.09 0.00	28.32 0.00 0.00	29.19 0.00 0.00	34.67 0.44 0.00	34.59 0.48 0.00	36.56 0.47 0.00	37.03 0.55 0.00	35.20 0.49 0.00	37.11 0.47 0.00	39.77 0.51 0.00	39.53 0.35 0.00	40.66 0.24 0.00	41.48 0.37 0.00	45.03 0.49 0.00	47.49 0.14 0.00	48.79 0.15 0.00	46.70 0.14 0.00	45.36 0.54 0.00	40.56 0.87 0.00	39.52 0.85 0.00	36.62 0.79 0.00
CHAT_HIGH_FALL_HYD 323578	37.63 -1.16 0.00	32.04 -0.62 0.00	29.58 -0.33 0.00	28.61 -0.09 0.00	28.32 0.00 0.00	29.22 0.03 0.00	34.71 0.48 0.00	34.62 0.51 0.00	36.59 0.51 0.00	37.07 0.58 0.00	35.20 0.49 0.00	37.11 0.48 0.00	39.77 0.51 0.00	39.53 0.35 0.00	40.66 0.24 0.00	41.48 0.37 0.00	45.07 0.53 0.00	47.63 0.28 0.00	48.93 0.29 0.00	47.08 0.51 0.00	45.89 1.08 0.00	40.60 0.91 0.00	39.53 0.85 0.00	36.63 0.79 0.00
CHAUTAUQUA___LFGE 323629	36.93 -1.86 0.00	30.89 -1.76 0.00	28.35 -1.56 0.00	27.06 -1.63 0.00	26.67 -1.64 0.00	27.67 -1.52 0.00	31.56 -2.67 0.00	31.35 -2.76 0.00	33.06 -3.03 0.00	33.27 -3.21 0.00	31.33 -3.37 0.02	32.98 -3.63 0.02	35.20 -4.04 0.02	35.12 -4.03 0.02	36.11 -4.29 0.02	36.77 -4.19 0.14	36.10 -4.76 3.67	39.07 -5.02 3.26	43.61 -5.01 0.02	42.14 -4.42 0.00	41.32 -3.50 0.00	36.55 -3.14 0.00	35.54 -3.13 0.00	33.47 -2.37 0.00
CHERRYST_13_KV_LD 356241	41.74 2.95 0.00	35.17 2.51 0.00	32.03 2.12 0.00	30.68 1.98 0.00	30.24 1.93 0.00	31.17 1.98 0.00	36.25 2.02 0.00	36.19 2.08 0.00	38.51 2.42 0.00	39.08 2.59 0.00	37.57 2.74 -0.11	39.86 3.04 -0.19	42.86 3.49 -0.10	43.77 3.56 -1.03	45.08 3.76 -0.91	45.76 3.86 -0.79	49.98 4.32 -1.12	51.97 4.55 -0.07	52.87 4.23 0.00	50.38 3.82 0.00	48.18 3.36 0.00	42.67 2.98 0.00	41.27 2.59 0.00	38.13 2.29 0.00

CHESTROR_138KV_BK263 355645	40.54 1.75 0.00	34.16 1.50 0.00	31.19 1.29 0.00	29.90 1.21 0.00	29.48 1.16 0.00	30.39 1.20 0.00	35.36 1.13 0.00	35.20 1.09 0.00	37.35 1.26 0.00	37.84 1.35 0.00	36.26 1.46 -0.08	38.42 1.65 -0.14	41.26 1.92 -0.08	40.04 2.00 1.14	41.52 2.10 1.00	42.46 2.22 0.87	45.80 2.49 1.24	49.83 2.60 0.12	51.07 2.43 0.00	48.75 2.19 0.00	46.79 1.97 0.00	41.32 1.63 0.00	40.14 1.47 0.00	37.09 1.25 0.00
CH_MIDHUDSON___DRP 24192	41.08 2.29 0.00	34.62 1.96 0.00	31.58 1.67 0.00	30.28 1.58 0.00	29.87 1.56 0.00	30.74 1.55 0.00	35.77 1.54 0.00	35.64 1.53 0.00	37.82 1.73 0.00	38.27 1.79 0.00	36.70 1.91 -0.07	38.88 2.12 -0.12	41.80 2.47 -0.07	42.00 2.59 -0.24	43.37 2.75 -0.21	44.13 2.84 -0.18	47.96 3.16 -0.26	50.66 3.31 0.00	51.80 3.16 0.00	49.40 2.84 0.00	47.33 2.51 0.00	41.83 2.14 0.00	40.65 1.97 0.00	37.56 1.72 0.00
CH_MISC_IPPS 23765	41.20 2.41 0.00	34.72 2.06 0.00	31.70 1.79 0.00	30.39 1.69 0.00	29.96 1.64 0.00	30.85 1.66 0.00	35.91 1.68 0.00	35.71 1.60 0.00	37.93 1.84 0.00	38.38 1.90 0.00	36.85 2.05 -0.08	39.04 2.27 -0.14	42.01 2.67 -0.08	42.00 2.82 0.00	43.36 2.95 0.00	44.07 2.96 0.00	47.92 3.38 0.00	50.88 3.55 0.02	51.95 3.31 0.00	49.64 3.07 0.00	47.60 2.78 0.00	41.99 2.30 0.00	40.80 2.13 0.00	37.70 1.86 0.00
CH_RES_BVR_FALLS 23983	38.37 -0.43 0.00	32.39 -0.26 0.00	29.73 -0.18 0.00	28.58 -0.11 0.00	28.23 -0.08 0.00	29.10 -0.09 0.00	34.20 -0.03 0.00	34.07 -0.03 0.00	36.02 -0.07 0.00	36.41 -0.07 0.00	34.61 -0.10 0.00	36.52 -0.11 0.00	39.15 -0.12 0.00	39.06 -0.12 0.00	40.29 -0.12 0.00	40.98 -0.12 0.00	44.45 -0.09 0.00	47.25 -0.09 0.00	48.59 -0.05 0.00	46.52 -0.05 0.00	44.77 -0.04 0.00	39.65 -0.04 0.00	38.64 -0.04 0.00	35.80 -0.04 0.00
CH_RES_NIAGARA 23895	35.61 -3.18 0.00	29.42 -3.23 0.00	27.10 -2.81 0.00	26.23 -2.47 0.00	25.94 -2.38 0.00	26.59 -2.60 0.00	30.19 -4.04 0.00	30.02 -4.09 0.00	31.65 -4.44 0.00	31.74 -4.74 0.00	30.08 -4.62 0.02	31.67 -4.95 0.02	33.51 -5.73 0.02	33.36 -5.80 0.02	34.54 -5.86 0.02	34.28 -6.66 0.17	34.39 -6.90 3.24	36.44 -7.77 3.14	40.98 -7.64 0.02	40.14 -6.43 0.00	39.08 -5.74 0.00	34.97 -4.72 0.00	34.07 -4.60 0.00	32.18 -3.66 0.00
CH_RES_SYRACUSE 23985	38.44 -0.35 0.00	32.23 -0.43 0.00	29.52 -0.39 0.00	28.30 -0.40 0.00	27.92 -0.40 0.00	28.81 -0.38 0.00	33.65 -0.58 0.00	33.50 -0.61 0.00	35.47 -0.61 0.00	35.87 -0.62 0.00	34.09 -0.62 0.00	35.97 -0.66 0.00	38.44 -0.83 0.00	38.35 -0.82 0.00	39.53 -0.89 0.00	40.20 -0.90 0.00	43.43 -1.11 0.00	46.17 -1.18 0.00	47.61 -1.02 0.00	45.63 -0.93 0.00	43.96 -0.85 0.00	38.90 -0.79 0.00	37.90 -0.77 0.00	35.19 -0.64 0.00
CLINTON_WT_PWR 323605	37.59 -1.20 0.00	32.00 -0.65 0.00	29.55 -0.36 0.00	28.61 -0.09 0.00	28.32 0.00 0.00	29.19 0.00 0.00	34.67 0.44 0.00	34.59 0.48 0.00	36.56 0.47 0.00	37.03 0.55 0.00	35.20 0.49 0.00	37.11 0.47 0.00	39.77 0.51 0.00	39.53 0.35 0.00	40.66 0.24 0.00	41.48 0.37 0.00	45.03 0.49 0.00	47.49 0.14 0.00	48.79 0.15 0.00	46.70 0.14 0.00	45.36 0.54 0.00	40.56 0.87 0.00	39.52 0.85 0.00	36.62 0.79 0.00
CLINTON___LFGE 323618	37.75 -1.05 0.00	32.23 -0.43 0.00	29.82 -0.09 0.00	28.93 0.23 0.00	28.66 0.34 0.00	29.60 0.41 0.00	35.12 0.89 0.00	35.03 0.92 0.00	37.02 0.94 0.00	37.54 1.06 0.00	35.66 0.94 0.00	37.58 0.95 0.00	40.28 1.02 0.00	39.96 0.78 0.00	41.06 0.64 0.00	41.97 0.86 0.00	45.61 1.07 0.00	47.87 0.52 0.00	49.08 0.44 0.00	46.98 0.42 0.00	45.80 0.98 0.00	41.20 1.51 0.00	40.11 1.43 0.00	37.16 1.33 0.00
COBBLENY_34_KV_TB1 80064	36.43 -2.37 0.00	30.37 -2.29 0.00	27.99 -1.91 0.00	26.72 -1.98 0.00	26.47 -1.84 0.00	27.47 -1.72 0.00	31.25 -2.98 0.00	31.04 -3.07 0.00	32.77 -3.32 0.00	32.91 -3.58 0.00	31.19 -3.51 0.02	32.95 -3.66 0.02	35.20 -4.04 0.02	35.12 -4.04 0.02	36.23 -4.16 0.02	36.61 -4.36 0.14	36.10 -4.90 3.54	38.90 -5.21 3.24	43.36 -5.25 0.02	41.77 -4.80 0.00	40.65 -4.17 0.00	36.24 -3.45 0.00	35.27 -3.40 0.00	33.26 -2.58 0.00
COFFEEN___115KV_TB3 355620	39.30 0.50 0.00	32.59 -0.07 0.00	30.00 0.09 0.00	28.79 0.09 0.00	28.40 0.08 0.00	29.39 0.20 0.00	34.54 0.31 0.00	34.31 0.20 0.00	36.09 0.00 0.00	36.52 0.04 0.00	34.51 -0.21 0.00	36.30 -0.33 0.00	38.83 -0.43 0.00	38.70 -0.47 0.00	39.85 -0.57 0.00	40.65 -0.45 0.00	44.09 -0.45 0.00	47.11 -0.24 0.00	48.93 0.29 0.00	46.75 0.19 0.00	45.22 0.40 0.00	40.01 0.32 0.00	38.75 0.08 0.00	35.91 0.07 0.00
COLDSPRG_115KV_BK1 355956	37.09 -1.71 0.00	31.02 -1.63 0.00	28.56 -1.35 0.00	27.26 -1.43 0.00	26.84 -1.47 0.00	27.88 -1.31 0.00	31.83 -2.40 0.00	31.52 -2.59 0.00	33.24 -2.85 0.00	33.38 -3.10 0.00	31.60 -3.09 0.03	33.38 -3.22 0.03	35.82 -3.42 0.03	35.82 -3.33 0.03	36.75 -3.64 0.03	37.72 -3.25 0.13	37.90 -3.65 2.99	40.35 -3.79 3.21	44.62 -3.99 0.03	42.56 -4.00 0.00	41.50 -3.32 0.00	36.91 -2.78 0.00	35.85 -2.82 0.00	33.69 -2.15 0.00
COLONIE_LFGE___ 323577	40.73 1.94 0.00	34.32 1.66 0.00	31.40 1.49 0.00	30.13 1.43 0.00	29.70 1.39 0.00	30.59 1.40 0.00	35.56 1.33 0.00	35.47 1.37 0.00	37.46 1.37 0.00	37.76 1.28 0.00	35.79 1.21 0.14	37.75 1.36 0.24	40.63 1.49 0.13	40.90 1.53 -0.20	42.29 1.70 -0.17	42.94 1.69 -0.15	46.62 1.87 -0.22	61.19 2.13 -11.71	61.22 2.04 -10.54	57.65 1.91 -9.17	46.56 1.75 0.00	41.20 1.51 0.00	40.22 1.55 0.00	37.12 1.29 0.00
COOPERNY_115KV_TB1 80082	40.00 1.20 0.00	33.67 1.01 0.00	30.81 0.90 0.00	29.50 0.80 0.00	29.11 0.79 0.00	30.01 0.82 0.00	34.95 0.72 0.00	34.82 0.72 0.00	36.92 0.83 0.00	37.40 0.91 0.00	35.74 0.97 -0.05	37.86 1.14 -0.09	40.65 1.33 -0.05	39.88 1.33 0.63	41.27 1.41 0.56	42.10 1.48 0.48	45.54 1.69 0.69	49.02 1.75 0.08	50.29 1.65 0.00	48.01 1.44 0.00	46.12 1.30 0.00	40.80 1.11 0.00	39.64 0.97 0.00	36.66 0.82 0.00
COPENHAGEN_WT_PWR 323753	39.03 0.23 0.00	32.49 -0.16 0.00	29.88 -0.03 0.00	28.67 -0.03 0.00	28.29 -0.03 0.00	29.28 0.09 0.00	34.37 0.14 0.00	34.18 0.07 0.00	35.98 -0.11 0.00	36.41 -0.07 0.00	34.40 -0.31 0.00	36.23 -0.40 0.00	38.75 -0.51 0.00	38.63 -0.55 0.00	39.77 -0.65 0.00	40.57 -0.54 0.00	43.96 -0.58 0.00	46.92 -0.43 0.00	48.64 0.00 0.00	46.47 -0.09 0.00	44.91 0.09 0.00	39.81 0.12 0.00	38.60 -0.08 0.00	35.77 -0.07 0.00
CORNELL_____ 23752	39.07 0.27 0.00	32.76 0.10 0.00	30.00 0.09 0.00	28.76 0.06 0.00	28.37 0.06 0.00	29.31 0.12 0.00	34.20 -0.03 0.00	34.04 -0.07 0.00	35.98 -0.11 0.00	36.38 -0.11 0.00	34.64 -0.17 -0.09	36.51 -0.22 -0.09	39.04 -0.31 -0.09	38.92 -0.35 -0.09	40.11 -0.40 -0.09	40.92 -0.33 -0.14	51.27 -0.45 -7.17	53.80 -0.38 -6.83	48.54 -0.19 -0.09	46.47 -0.09 0.00	44.73 -0.09 0.00	39.61 -0.08 0.00	38.56 -0.12 0.00	35.80 -0.04 0.00

CORONA_69_KV_TB1 355595	41.99 3.18 -0.02	35.42 2.74 -0.02	32.32 2.39 -0.02	30.98 2.27 -0.02	30.54 2.21 -0.02	31.48 2.28 -0.02	36.35 2.12 0.00	36.46 2.35 0.00	38.77 2.67 -0.02	40.57 2.59 -1.49	47.64 2.57 -10.35	50.23 2.71 -10.89	67.71 3.22 -25.22	71.22 3.29 -28.76	71.29 3.52 -27.36	86.40 3.62 -41.67	82.88 4.10 -34.25	80.73 4.36 -29.02	73.05 4.13 -20.27	66.76 3.82 -16.38	51.61 3.36 -3.43	46.24 2.90 -3.66	41.82 2.71 -0.44	38.36 2.51 -0.02
CORTLAND_115KV_TB3 80093	38.87 0.08 0.00	32.59 -0.07 0.00	29.85 -0.06 0.00	28.61 -0.09 0.00	28.23 -0.08 0.00	29.16 -0.03 0.00	33.99 -0.24 0.00	33.87 -0.24 0.00	35.80 -0.29 0.00	36.19 -0.29 0.00	34.43 -0.31 -0.03	36.33 -0.33 -0.03	38.86 -0.43 -0.03	38.77 -0.43 -0.03	39.96 -0.48 -0.03	40.69 -0.45 -0.04	45.71 -0.58 -1.75	48.61 -0.52 -1.78	48.23 -0.44 -0.03	46.19 -0.37 0.00	44.46 -0.36 0.00	39.37 -0.32 0.00	38.33 -0.35 0.00	35.59 -0.25 0.00
COXSACKIE___GT 23611	41.47 2.67 0.00	34.91 2.25 0.00	31.97 2.06 0.00	30.74 2.04 0.00	30.30 1.98 0.00	31.12 1.93 0.00	36.25 2.02 0.00	35.88 1.77 0.00	37.75 1.66 0.00	37.98 1.50 0.00	36.14 1.46 0.04	38.11 1.54 0.06	41.04 1.81 0.03	40.80 1.53 -0.10	42.24 1.74 -0.09	43.07 1.89 -0.08	47.01 2.36 -0.11	46.58 3.08 3.85	48.39 3.21 3.46	46.53 2.98 3.01	47.46 2.64 0.00	41.75 2.06 0.00	40.80 2.13 0.00	37.70 1.86 0.00
CPV_VALLEY___CC1 323721	40.19 1.39 0.00	33.87 1.21 0.00	30.95 1.05 0.00	29.68 0.98 0.00	29.25 0.93 0.00	30.15 0.96 0.00	35.09 0.86 0.00	34.96 0.85 0.00	37.10 1.01 0.00	37.54 1.06 0.00	35.97 1.18 -0.07	38.11 1.36 -0.12	40.94 1.61 -0.06	39.97 1.68 0.89	41.41 1.78 0.78	42.23 1.81 0.68	45.66 2.09 0.97	49.43 2.18 0.10	50.59 1.95 0.00	48.38 1.81 0.00	46.39 1.57 0.00	41.00 1.31 0.00	39.83 1.16 0.00	36.80 0.97 0.00
CPV_VALLEY___CC2 323722	40.19 1.39 0.00	33.87 1.21 0.00	30.95 1.05 0.00	29.68 0.98 0.00	29.25 0.93 0.00	30.15 0.96 0.00	35.09 0.86 0.00	34.96 0.85 0.00	37.10 1.01 0.00	37.54 1.06 0.00	35.97 1.18 -0.07	38.11 1.36 -0.12	40.94 1.61 -0.06	39.97 1.68 0.89	41.41 1.78 0.78	42.23 1.81 0.68	45.66 2.09 0.97	49.43 2.18 0.10	50.59 1.95 0.00	48.38 1.81 0.00	46.39 1.57 0.00	41.00 1.31 0.00	39.83 1.16 0.00	36.80 0.97 0.00
CRESCENT___HYD 24018	40.73 1.94 0.00	34.32 1.66 0.00	31.40 1.49 0.00	30.13 1.43 0.00	29.70 1.39 0.00	30.59 1.40 0.00	35.56 1.33 0.00	35.47 1.37 0.00	37.46 1.37 0.00	37.76 1.28 0.00	35.79 1.21 0.14	37.75 1.36 0.24	40.63 1.49 0.13	40.90 1.53 -0.20	42.29 1.70 -0.17	42.94 1.69 -0.15	46.62 1.87 -0.22	61.19 2.13 -11.71	61.22 2.04 -10.54	57.65 1.91 -9.17	46.56 1.75 0.00	41.20 1.51 0.00	40.22 1.55 0.00	37.12 1.29 0.00
CRICKET___VALLEY_CC1 323756	40.69 1.90 0.00	34.29 1.63 0.00	31.31 1.41 0.00	30.02 1.32 0.00	29.62 1.30 0.00	30.50 1.31 0.00	35.43 1.20 0.00	35.33 1.23 0.00	37.46 1.37 0.00	37.80 1.31 0.00	34.54 1.46 1.63	35.44 1.61 2.80	39.63 1.88 1.52	41.93 2.15 -0.60	43.29 2.34 -0.53	43.91 2.34 -0.46	47.86 2.67 -0.65	50.18 2.79 -0.03	51.21 2.58 0.00	48.89 2.33 0.00	46.84 2.02 0.00	41.39 1.71 0.00	40.22 1.55 0.00	37.12 1.29 0.00
CRICKET___VALLEY_CC2 323757	40.69 1.90 0.00	34.29 1.63 0.00	31.31 1.41 0.00	30.02 1.32 0.00	29.62 1.30 0.00	30.50 1.31 0.00	35.43 1.20 0.00	35.33 1.23 0.00	37.46 1.37 0.00	37.80 1.31 0.00	34.54 1.46 1.63	35.44 1.61 2.80	39.63 1.88 1.52	41.93 2.15 -0.60	43.29 2.34 -0.53	43.91 2.34 -0.46	47.86 2.67 -0.65	50.18 2.79 -0.03	51.21 2.58 0.00	48.89 2.33 0.00	46.84 2.02 0.00	41.39 1.71 0.00	40.22 1.55 0.00	37.12 1.29 0.00
CRICKET___VALLEY_CC3 323758	40.69 1.90 0.00	34.29 1.63 0.00	31.31 1.41 0.00	30.02 1.32 0.00	29.62 1.30 0.00	30.50 1.31 0.00	35.43 1.20 0.00	35.33 1.23 0.00	37.46 1.37 0.00	37.80 1.31 0.00	34.54 1.46 1.63	35.44 1.61 2.80	39.63 1.88 1.52	41.93 2.15 -0.60	43.29 2.34 -0.53	43.91 2.34 -0.46	47.86 2.67 -0.65	50.18 2.79 -0.03	51.21 2.58 0.00	48.89 2.33 0.00	46.84 2.02 0.00	41.39 1.71 0.00	40.22 1.55 0.00	37.12 1.29 0.00
CRUCIBLE_METL_DRP 24180	38.44 -0.35 0.00	32.23 -0.42 0.00	29.52 -0.39 0.00	28.30 -0.40 0.00	27.92 -0.40 0.00	28.81 -0.38 0.00	33.65 -0.58 0.00	33.49 -0.61 0.00	35.47 -0.61 0.00	35.87 -0.62 0.00	34.09 -0.62 0.00	35.97 -0.66 0.00	38.44 -0.82 0.00	38.35 -0.82 0.00	39.53 -0.89 0.00	40.16 -0.95 0.00	43.42 -1.11 0.00	46.16 -1.18 0.00	47.57 -1.07 0.00	45.63 -0.93 0.00	43.92 -0.90 0.00	38.89 -0.79 0.00	37.90 -0.77 0.00	35.19 -0.65 0.00
DAHOWA___HYDRO 323763	41.43 2.64 0.00	34.88 2.22 0.00	31.91 2.00 0.00	30.62 1.92 0.00	30.15 1.84 0.00	31.12 1.93 0.00	36.15 1.92 0.00	35.98 1.87 0.00	38.00 1.91 0.00	38.31 1.82 0.00	36.24 1.63 0.11	38.27 1.83 0.19	41.12 1.96 0.10	40.88 1.53 -0.18	42.35 1.78 -0.16	42.97 1.73 -0.14	46.56 1.83 -0.20	55.59 2.32 -5.92	56.34 2.38 -5.32	53.48 2.28 -4.63	46.97 2.15 0.00	41.59 1.90 0.00	40.96 2.28 0.00	37.77 1.93 0.00
DANC___LFGE 323619	38.64 -0.15 0.00	32.27 -0.39 0.00	29.61 -0.30 0.00	28.41 -0.29 0.00	28.03 -0.28 0.00	28.99 -0.20 0.00	33.96 -0.28 0.00	33.77 -0.34 0.00	35.62 -0.47 0.00	36.05 -0.44 0.00	34.16 -0.56 0.00	35.94 -0.70 0.00	38.44 -0.83 0.00	38.35 -0.82 0.00	39.49 -0.93 0.00	40.24 -0.87 0.00	43.60 -0.94 0.00	46.45 -0.90 0.00	48.06 -0.58 0.00	45.91 -0.65 0.00	44.33 -0.49 0.00	39.25 -0.44 0.00	38.17 -0.50 0.00	35.41 -0.43 0.00
DANSKAMMER___1 23586	41.20 2.41 0.00	34.72 2.06 0.00	31.70 1.79 0.00	30.39 1.69 0.00	29.96 1.64 0.00	30.85 1.66 0.00	35.91 1.68 0.00	35.71 1.60 0.00	37.93 1.84 0.00	38.38 1.90 0.00	36.85 2.05 -0.08	39.04 2.27 -0.14	42.01 2.67 -0.08	42.00 2.82 0.00	43.36 2.95 0.00	44.07 2.96 0.00	47.92 3.38 0.00	50.88 3.55 0.02	51.95 3.31 0.00	49.64 3.07 0.00	47.60 2.78 0.00	41.99 2.30 0.00	40.80 2.13 0.00	37.70 1.86 0.00
DANSKAMMER___2 23589	41.20 2.41 0.00	34.72 2.06 0.00	31.70 1.79 0.00	30.39 1.69 0.00	29.96 1.64 0.00	30.85 1.66 0.00	35.91 1.68 0.00	35.71 1.60 0.00	37.93 1.84 0.00	38.38 1.90 0.00	36.85 2.05 -0.08	39.04 2.27 -0.14	42.01 2.67 -0.08	42.00 2.82 0.00	43.36 2.95 0.00	44.07 2.96 0.00	47.92 3.38 0.00	50.88 3.55 0.02	51.95 3.31 0.00	49.64 3.07 0.00	47.60 2.78 0.00	41.99 2.30 0.00	40.80 2.13 0.00	37.70 1.86 0.00
DANSKAMMER___3 23590	41.20 2.41 0.00	34.72 2.06 0.00	31.70 1.79 0.00	30.39 1.69 0.00	29.96 1.64 0.00	30.85 1.66 0.00	35.91 1.68 0.00	35.71 1.60 0.00	37.93 1.84 0.00	38.38 1.90 0.00	36.85 2.05 -0.08	39.04 2.27 -0.14	42.01 2.67 -0.08	42.00 2.82 0.00	43.36 2.95 0.00	44.07 2.96 0.00	47.92 3.38 0.00	50.88 3.55 0.02	51.95 3.31 0.00	49.64 3.07 0.00	47.60 2.78 0.00	41.99 2.30 0.00	40.80 2.13 0.00	37.70 1.86 0.00

DANSKAMMER___4 23591	41.20 2.41 0.00	34.72 2.06 0.00	31.70 1.79 0.00	30.39 1.69 0.00	29.96 1.64 0.00	30.85 1.66 0.00	35.91 1.68 0.00	35.71 1.60 0.00	37.93 1.84 0.00	38.38 1.90 0.00	36.85 2.05 -0.08	39.04 2.27 -0.14	42.01 2.67 -0.08	42.00 2.82 0.00	43.36 2.95 0.00	44.07 2.96 0.00	47.92 3.38 0.00	50.88 3.55 0.02	51.95 3.31 0.00	49.64 3.07 0.00	47.60 2.78 0.00	41.99 2.30 0.00	40.80 2.13 0.00	37.70 1.86 0.00
DANSKAMMER___DIESEL 23592	41.20 2.41 0.00	34.71 2.06 0.00	31.70 1.79 0.00	30.39 1.69 0.00	29.96 1.64 0.00	30.85 1.66 0.00	35.91 1.68 0.00	35.71 1.60 0.00	37.93 1.84 0.00	38.42 1.93 0.00	36.85 2.05 -0.08	39.08 2.31 -0.14	42.05 2.71 -0.08	41.96 2.78 0.00	43.37 2.95 0.00	44.15 3.04 0.00	47.92 3.38 0.00	50.88 3.55 0.02	51.99 3.36 0.00	49.59 3.03 0.00	47.60 2.78 0.00	41.99 2.30 0.00	40.80 2.13 0.00	37.70 1.86 0.00
DARBY___SOLAR 323810	41.24 2.45 0.00	34.72 2.06 0.00	31.76 1.85 0.00	30.48 1.78 0.00	30.01 1.70 0.00	30.97 1.78 0.00	36.01 1.78 0.00	35.85 1.74 0.00	37.86 1.77 0.00	38.17 1.68 0.00	36.09 1.49 0.12	38.12 1.69 0.20	40.96 1.81 0.11	40.85 1.49 -0.18	42.27 1.70 -0.16	42.89 1.65 -0.14	46.52 1.78 -0.20	56.25 2.23 -6.68	56.93 2.29 -6.01	53.94 2.14 -5.23	46.84 2.02 0.00	41.48 1.79 0.00	40.76 2.09 0.00	37.63 1.79 0.00
DASHVILLE___HYD 23610	40.77 1.98 0.00	34.36 1.70 0.00	31.37 1.47 0.00	30.08 1.38 0.00	29.67 1.36 0.00	30.50 1.31 0.00	35.53 1.30 0.00	35.30 1.19 0.00	37.42 1.34 0.00	37.91 1.42 0.00	36.57 1.81 -0.04	38.69 1.98 -0.08	41.50 2.20 -0.04	41.13 2.08 0.12	42.53 2.22 0.10	43.36 2.34 0.09	47.08 2.67 0.13	49.59 3.13 0.88	50.89 3.02 0.77	48.60 2.70 0.67	46.92 2.11 0.00	41.43 1.75 0.00	40.38 1.70 0.00	37.34 1.51 0.00
DELAWARE___LFGE 323621	39.84 1.05 0.00	33.51 0.85 0.00	30.66 0.75 0.00	29.39 0.69 0.00	28.99 0.68 0.00	29.89 0.70 0.00	34.85 0.62 0.00	34.72 0.61 0.00	36.77 0.69 0.00	37.25 0.77 0.00	35.48 0.76 0.00	37.48 0.84 0.00	40.24 0.98 0.00	40.06 0.98 0.10	41.34 1.01 0.09	42.06 1.03 0.07	45.55 1.11 0.10	48.41 1.14 0.08	49.81 1.17 0.00	47.59 1.02 0.00	45.80 0.99 0.00	40.52 0.83 0.00	39.45 0.77 0.00	36.52 0.68 0.00
DERFIELD_115KV_TB7 355931	39.03 0.23 0.00	32.85 0.20 0.00	30.09 0.18 0.00	28.87 0.17 0.00	28.46 0.14 0.00	29.36 0.18 0.00	34.33 0.10 0.00	34.21 0.10 0.00	36.20 0.11 0.00	36.60 0.11 0.00	34.82 0.10 0.00	36.74 0.11 0.00	39.42 0.16 0.00	39.33 0.16 0.00	40.58 0.16 0.00	41.27 0.16 0.00	44.72 0.18 0.00	47.54 0.19 0.00	48.83 0.19 0.00	46.75 0.19 0.00	44.95 0.13 0.00	39.81 0.12 0.00	38.79 0.12 0.00	35.91 0.07 0.00
DOGLEVILLE___HYD 23807	39.18 0.39 0.00	33.02 0.36 0.00	30.27 0.36 0.00	29.07 0.37 0.00	28.71 0.40 0.00	29.63 0.44 0.00	34.64 0.41 0.00	34.52 0.41 0.00	36.52 0.43 0.00	36.96 0.47 0.00	35.13 0.42 0.00	37.07 0.44 0.00	39.73 0.47 0.00	39.61 0.43 0.00	40.82 0.40 0.00	41.52 0.41 0.00	44.98 0.45 0.00	47.87 0.52 0.00	49.27 0.63 0.00	47.08 0.51 0.00	45.36 0.54 0.00	40.16 0.48 0.00	39.10 0.43 0.00	36.23 0.39 0.00
DUNKIRK___115KV_TB_200 55889	36.78 -2.02 0.00	30.73 -1.93 0.00	28.29 -1.62 0.00	27.03 -1.66 0.00	26.67 -1.64 0.00	27.67 -1.52 0.00	31.53 -2.70 0.00	31.28 -2.83 0.00	32.95 -3.14 0.00	33.09 -3.39 0.00	31.33 -3.37 0.02	33.02 -3.59 0.02	35.23 -4.00 0.02	35.16 -4.00 0.02	36.23 -4.16 0.02	36.65 -4.32 0.14	36.03 -4.81 3.70	39.02 -5.07 3.26	43.65 -4.96 0.02	42.14 -4.42 0.00	41.05 -3.76 0.00	36.55 -3.14 0.00	35.54 -3.13 0.00	33.44 -2.40 0.00
DUNKIRK___1 23563	36.78 -2.02 0.00	30.73 -1.93 0.00	28.29 -1.62 0.00	27.03 -1.66 0.00	26.67 -1.64 0.00	27.67 -1.52 0.00	31.53 -2.70 0.00	31.28 -2.83 0.00	32.95 -3.14 0.00	33.09 -3.39 0.00	31.33 -3.37 0.02	33.02 -3.59 0.02	35.23 -4.00 0.02	35.16 -4.00 0.02	36.23 -4.16 0.02	36.65 -4.32 0.14	36.03 -4.81 3.70	39.02 -5.07 3.26	43.65 -4.96 0.02	42.14 -4.42 0.00	41.05 -3.76 0.00	36.55 -3.14 0.00	35.54 -3.13 0.00	33.44 -2.40 0.00
DUNKIRK___2 23564	36.78 -2.02 0.00	30.73 -1.93 0.00	28.29 -1.62 0.00	27.03 -1.66 0.00	26.67 -1.64 0.00	27.67 -1.52 0.00	31.53 -2.70 0.00	31.28 -2.83 0.00	32.95 -3.14 0.00	33.09 -3.39 0.00	31.33 -3.37 0.02	33.02 -3.59 0.02	35.23 -4.00 0.02	35.16 -4.00 0.02	36.23 -4.16 0.02	36.65 -4.32 0.14	36.03 -4.81 3.70	39.02 -5.07 3.26	43.65 -4.96 0.02	42.14 -4.42 0.00	41.05 -3.76 0.00	36.55 -3.14 0.00	35.54 -3.13 0.00	33.44 -2.40 0.00
DUNKIRK___3 23565	36.58 -2.21 0.00	30.57 -2.09 0.00	28.14 -1.76 0.00	26.89 -1.81 0.00	26.56 -1.76 0.00	27.55 -1.63 0.00	31.39 -2.84 0.00	31.17 -2.93 0.00	32.84 -3.25 0.00	32.98 -3.50 0.00	31.26 -3.44 0.02	32.98 -3.63 0.02	35.20 -4.04 0.02	35.12 -4.04 0.02	36.19 -4.20 0.02	36.61 -4.36 0.14	35.91 -4.81 3.82	38.96 -5.11 3.27	43.51 -5.11 0.02	42.00 -4.56 0.00	40.87 -3.94 0.00	36.39 -3.29 0.00	35.39 -3.29 0.00	33.33 -2.51 0.00
DUNKIRK___4 23566	36.58 -2.21 0.00	30.57 -2.09 0.00	28.14 -1.76 0.00	26.89 -1.81 0.00	26.56 -1.76 0.00	27.55 -1.63 0.00	31.39 -2.84 0.00	31.17 -2.93 0.00	32.84 -3.25 0.00	32.98 -3.50 0.00	31.26 -3.44 0.02	32.98 -3.63 0.02	35.20 -4.04 0.02	35.12 -4.04 0.02	36.19 -4.20 0.02	36.61 -4.36 0.14	35.91 -4.81 3.82	38.96 -5.11 3.27	43.51 -5.11 0.02	42.00 -4.56 0.00	40.87 -3.94 0.00	36.39 -3.29 0.00	35.39 -3.29 0.00	33.33 -2.51 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.35 2.56 0.00	34.88 2.22 0.00	31.79 1.88 0.00	30.45 1.75 0.00	30.01 1.70 0.00	30.94 1.75 0.00	35.98 1.75 0.00	35.88 1.77 0.00	38.14 2.06 0.00	38.67 2.19 0.00	37.15 2.33 -0.11	39.39 2.56 -0.19	42.35 2.98 -0.10	43.26 3.06 -1.03	44.56 3.23 -0.91	45.27 3.37 -0.79	49.40 3.74 -1.12	51.35 3.93 -0.07	52.34 3.70 0.00	49.92 3.35 0.00	47.78 2.96 0.00	42.23 2.54 0.00	40.96 2.28 0.00	37.81 1.97 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.81 2.02 0.00	34.39 1.73 0.00	31.40 1.50 0.00	30.11 1.41 0.00	29.67 1.36 0.00	30.56 1.37 0.00	35.60 1.37 0.00	35.40 1.30 0.00	37.60 1.52 0.00	38.09 1.61 0.00	36.50 1.70 -0.08	38.67 1.90 -0.13	41.57 2.24 -0.07	41.07 2.31 0.41	42.52 2.47 0.36	43.34 2.55 0.31	46.94 2.85 0.45	50.32 3.03 0.06	51.51 2.87 0.00	49.12 2.56 0.00	47.10 2.29 0.00	41.63 1.94 0.00	40.45 1.78 0.00	37.38 1.54 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.63 2.83 0.00	35.07 2.42 0.00	31.94 2.03 0.00	30.56 1.87 0.00	30.10 1.78 0.00	30.91 1.72 0.00	35.94 1.71 0.00	35.81 1.71 0.00	38.18 2.09 0.00	38.78 2.30 0.00	37.36 2.53 -0.11	39.63 2.82 -0.17	42.57 3.22 -0.09	43.52 3.33 -1.02	44.84 3.52 -0.91	45.47 3.58 -0.79	49.67 4.01 -1.12	51.49 4.07 -0.07	52.29 3.65 0.00	49.82 3.26 0.00	47.73 2.91 0.00	42.35 2.66 0.00	40.92 2.24 0.00	37.95 2.11 0.00

E179THST_13_KV_LOAD 356214	41.86 3.06 0.00	35.24 2.58 0.00	32.09 2.18 0.00	30.71 2.01 0.00	30.21 1.90 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.88 0.00	38.36 2.27 0.00	38.97 2.48 0.00	37.57 2.74 -0.11	39.85 3.04 -0.17	42.80 3.46 -0.09	43.76 3.56 -1.02	45.08 3.76 -0.91	45.72 3.82 -0.79	49.98 4.32 -1.12	51.82 4.40 -0.07	52.58 3.94 0.00	50.10 3.54 0.00	48.00 3.18 0.00	42.55 2.86 0.00	41.11 2.44 0.00	38.13 2.29 0.00
EAST HAMPTON___GT 23717	41.83 3.03 -0.01	35.18 2.51 -0.01	32.07 2.15 -0.01	30.72 2.01 -0.01	30.33 2.01 -0.01	31.27 2.07 -0.01	35.39 1.16 0.00	35.71 1.60 0.00	38.15 2.06 -0.01	39.58 2.26 -0.83	43.15 2.61 -5.82	45.50 2.71 -6.16	56.68 3.30 -14.12	59.27 3.60 -16.50	59.92 3.84 -15.66	68.61 3.91 -23.60	68.56 4.59 -19.44	67.93 4.50 -16.09	64.23 4.28 -11.31	59.80 4.10 -9.14	49.91 3.18 -1.91	44.55 2.82 -2.04	41.32 2.40 -0.25	38.43 2.58 -0.01
EAST RIVER___6 23660	41.66 2.87 0.00	35.11 2.45 0.00	32.00 2.09 0.00	30.65 1.95 0.00	30.21 1.90 0.00	31.12 1.93 0.00	36.22 1.98 0.00	36.12 2.01 0.00	38.51 2.42 0.00	39.00 2.52 0.00	37.57 2.74 -0.11	39.83 3.00 -0.19	42.86 3.49 -0.10	43.89 3.68 -1.03	45.12 3.80 -0.91	45.72 3.82 -0.79	50.03 4.37 -1.12	51.97 4.55 -0.07	52.77 4.13 0.00	50.38 3.82 0.00	48.18 3.36 0.00	42.63 2.94 0.00	41.23 2.55 0.00	38.10 2.26 0.00
EAST RIVER___7 23524	41.66 2.87 0.00	35.11 2.45 0.00	32.00 2.09 0.00	30.65 1.95 0.00	30.21 1.90 0.00	31.12 1.93 0.00	36.22 1.98 0.00	36.12 2.01 0.00	38.51 2.42 0.00	39.00 2.52 0.00	37.57 2.74 -0.11	39.83 3.00 -0.19	42.86 3.49 -0.10	43.89 3.68 -1.03	45.12 3.80 -0.91	45.72 3.82 -0.79	50.03 4.37 -1.12	51.97 4.55 -0.07	52.77 4.13 0.00	50.38 3.82 0.00	48.18 3.36 0.00	42.63 2.94 0.00	41.23 2.55 0.00	38.10 2.26 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.24 2.44 0.00	34.78 2.12 0.00	31.70 1.79 0.00	30.39 1.69 0.00	29.96 1.64 0.00	30.85 1.66 0.00	35.87 1.64 0.00	35.78 1.67 0.00	38.04 1.95 0.00	38.57 2.08 0.00	37.01 2.19 -0.11	39.28 2.45 -0.19	42.19 2.83 -0.10	43.18 2.94 -1.07	44.47 3.11 -0.94	45.13 3.21 -0.82	49.31 3.61 -1.16	51.21 3.79 -0.08	52.19 3.55 0.00	49.78 3.21 0.00	47.64 2.82 0.00	42.11 2.42 0.00	40.84 2.17 0.00	37.70 1.86 0.00
EAST_HAMPTON___DIESEL 23722	41.75 2.95 -0.01	35.12 2.45 -0.01	32.01 2.09 -0.01	30.66 1.95 -0.01	30.28 1.95 -0.01	31.21 2.01 -0.01	35.29 1.06 0.00	35.61 1.50 0.00	38.04 1.95 -0.01	39.47 2.15 -0.83	43.07 2.53 -5.82	45.43 2.64 -6.16	56.60 3.22 -14.12	59.20 3.53 -16.50	59.84 3.76 -15.66	68.53 3.82 -23.60	68.47 4.50 -19.44	67.79 4.35 -16.09	64.08 4.13 -11.31	59.66 3.96 -9.14	49.82 3.09 -1.91	44.43 2.70 -2.04	41.24 2.32 -0.25	38.35 2.51 -0.01
EAST_POINT___SOLAR 323840	41.70 2.91 0.00	35.07 2.42 0.00	32.06 2.15 0.00	30.77 2.07 0.00	30.30 1.98 0.00	31.29 2.10 0.00	36.45 2.22 0.00	36.09 1.98 0.00	37.75 1.66 0.00	37.84 1.35 0.00	35.52 0.87 0.06	37.91 1.39 0.11	41.05 1.85 0.06	41.15 1.84 -0.13	42.55 2.02 -0.11	43.34 2.14 -0.10	47.13 2.45 -0.14	50.37 3.03 0.01	52.04 3.40 0.00	49.92 3.35 0.00	48.09 3.27 0.00	42.51 2.82 0.00	41.34 2.67 0.00	38.13 2.30 0.00
EAST_PULASKI___ESR 323781	38.29 -0.51 0.00	32.07 -0.59 0.00	29.37 -0.54 0.00	28.18 -0.52 0.00	27.81 -0.51 0.00	28.72 -0.47 0.00	33.58 -0.65 0.00	33.43 -0.68 0.00	35.33 -0.76 0.00	35.76 -0.73 0.00	33.92 -0.80 0.00	35.75 -0.88 0.00	38.20 -1.06 0.00	38.12 -1.06 0.00	39.28 -1.13 0.00	40.00 -1.11 0.00	43.25 -1.29 0.00	46.02 -1.33 0.00	47.52 -1.12 0.00	45.44 -1.12 0.00	43.83 -0.99 0.00	38.82 -0.87 0.00	37.82 -0.85 0.00	35.05 -0.79 0.00
EAST_RIVER___1 323558	41.59 2.79 0.00	35.04 2.38 0.00	31.94 2.03 0.00	30.59 1.89 0.00	30.15 1.84 0.00	31.06 1.87 0.00	36.15 1.92 0.00	36.05 1.94 0.00	38.40 2.31 0.00	38.89 2.41 0.00	37.43 2.61 -0.11	39.68 2.86 -0.19	42.66 3.30 -0.10	43.66 3.45 -1.03	44.96 3.64 -0.91	45.51 3.62 -0.79	49.81 4.14 -1.12	51.77 4.35 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.05 3.23 0.00	42.51 2.82 0.00	41.15 2.48 0.00	38.02 2.19 0.00
EAST_RIVER___2 323559	41.66 2.87 0.00	35.11 2.45 0.00	32.00 2.09 0.00	30.65 1.95 0.00	30.21 1.90 0.00	31.12 1.93 0.00	36.22 1.98 0.00	36.12 2.01 0.00	38.51 2.42 0.00	39.00 2.52 0.00	37.57 2.74 -0.11	39.83 3.00 -0.19	42.86 3.49 -0.10	43.89 3.68 -1.03	45.12 3.80 -0.91	45.72 3.82 -0.79	50.03 4.37 -1.12	51.97 4.55 -0.07	52.77 4.13 0.00	50.38 3.82 0.00	48.18 3.36 0.00	42.63 2.94 0.00	41.23 2.55 0.00	38.10 2.26 0.00
EAST___DELAWARE_HYD 23607	41.00 2.21 0.00	34.52 1.86 0.00	31.52 1.61 0.00	30.22 1.52 0.00	29.81 1.50 0.00	30.71 1.52 0.00	35.81 1.58 0.00	35.54 1.43 0.00	37.71 1.63 0.00	38.20 1.72 0.00	36.58 1.80 -0.06	38.71 1.98 -0.10	41.63 2.32 -0.06	41.20 2.39 0.36	42.64 2.55 0.32	43.42 2.59 0.28	47.17 3.03 0.40	50.52 3.22 0.05	51.70 3.07 0.00	49.40 2.84 0.00	47.51 2.69 0.00	41.87 2.18 0.00	40.72 2.05 0.00	37.63 1.79 0.00
EIGHT_POINT___WT_PWR 323820	37.55 -1.24 0.00	31.55 -1.11 0.00	28.98 -0.93 0.00	27.72 -0.98 0.00	27.47 -0.85 0.00	28.49 -0.70 0.00	32.83 -1.40 0.00	32.68 -1.43 0.00	34.50 -1.59 0.00	34.74 -1.75 0.00	32.72 -1.94 0.05	34.42 -2.16 0.05	36.74 -2.47 0.05	36.58 -2.55 0.05	37.70 -2.67 0.05	38.39 -2.59 0.12	44.45 -2.98 -2.90	41.18 -2.98 3.19	45.77 -2.82 0.05	44.19 -2.37 0.00	42.94 -1.88 0.00	37.94 -1.75 0.00	36.90 -1.78 0.00	34.51 -1.33 0.00
ELBRIDGE_115KV_TB2 80188	38.25 -0.54 0.00	32.07 -0.59 0.00	29.37 -0.54 0.00	28.15 -0.55 0.00	27.78 -0.54 0.00	28.69 -0.50 0.00	33.48 -0.75 0.00	33.32 -0.78 0.00	35.26 -0.83 0.00	35.65 -0.84 0.00	33.92 -0.80 0.00	35.75 -0.88 0.00	38.24 -1.02 0.00	38.12 -1.06 0.00	39.32 -1.09 0.00	39.96 -1.15 0.00	43.16 -1.38 0.00	45.93 -1.42 0.00	47.33 -1.31 0.00	45.40 -1.16 0.00	43.70 -1.12 0.00	38.74 -0.95 0.00	37.71 -0.97 0.00	35.01 -0.82 0.00
ELEC_TRO_TEK 24086	41.68 2.87 -0.02	35.19 2.51 -0.02	32.11 2.18 -0.02	30.78 2.07 -0.02	30.34 2.01 -0.02	31.31 2.10 -0.02	36.11 1.88 0.00	36.26 2.15 0.00	38.52 2.42 -0.02	40.33 2.37 -1.47	47.25 2.33 -10.21	49.79 2.42 -10.74	67.01 2.87 -24.88	70.49 2.94 -28.38	70.56 3.15 -27.00	85.47 3.25 -41.11	81.96 3.74 -33.68	79.81 3.93 -28.53	72.33 3.70 -19.99	66.12 3.40 -16.15	51.16 2.96 -3.38	45.88 2.58 -3.61	41.55 2.44 -0.44	38.11 2.26 -0.02
ELLENBURG_WT_PWR 323604	37.59 -1.20 0.00	32.00 -0.65 0.00	29.55 -0.36 0.00	28.61 -0.09 0.00	28.32 0.00 0.00	29.19 0.00 0.00	34.67 0.44 0.00	34.59 0.48 0.00	36.56 0.47 0.00	37.03 0.55 0.00	35.20 0.49 0.00	37.11 0.47 0.00	39.77 0.51 0.00	39.53 0.35 0.00	40.66 0.24 0.00	41.48 0.37 0.00	45.03 0.49 0.00	47.49 0.14 0.00	48.79 0.15 0.00	46.70 0.14 0.00	45.36 0.54 0.00	40.56 0.87 0.00	39.52 0.85 0.00	36.62 0.79 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.31 -2.48 0.00	30.24 -2.42 0.00	27.87 -2.03 0.00	26.63 -2.07 0.00	26.36 -1.95 0.00	27.35 -1.84 0.00	31.08 -3.15 0.00	30.87 -3.24 0.00	32.55 -3.54 0.00	32.69 -3.79 0.00	30.98 -3.71 0.02	32.69 -3.92 0.02	34.80 -4.44 0.02	34.69 -4.47 0.02	35.83 -4.57 0.02	35.95 -5.02 0.14	35.12 -5.57 3.85	38.16 -5.92 3.27	42.78 -5.84 0.02	41.49 -5.08 0.00	40.34 -4.48 0.00	36.04 -3.65 0.00	35.08 -3.60 0.00	33.08 -2.76 0.00
EMPIRE_CC_1 323656	40.03 1.24 0.00	33.80 1.14 0.00	31.02 1.11 0.00	29.76 1.06 0.00	29.33 1.02 0.00	30.21 1.02 0.00	35.02 0.79 0.00	34.93 0.82 0.00	36.92 0.83 0.00	37.22 0.73 0.00	35.30 0.73 0.14	37.16 0.77 0.25	39.99 0.86 0.13	40.45 1.02 -0.26	41.82 1.17 -0.23	42.45 1.15 -0.20	46.07 1.25 -0.28	40.24 1.42 8.53	42.19 1.26 7.71	40.97 1.12 6.71	45.76 0.94 0.00	40.52 0.83 0.00	39.49 0.81 0.00	36.48 0.65 0.00
EMPIRE_CC_2 323658	40.03 1.24 0.00	33.80 1.14 0.00	31.02 1.11 0.00	29.76 1.06 0.00	29.33 1.02 0.00	30.21 1.02 0.00	35.02 0.79 0.00	34.93 0.82 0.00	36.92 0.83 0.00	37.22 0.73 0.00	35.30 0.73 0.14	37.16 0.77 0.25	39.99 0.86 0.13	40.45 1.02 -0.26	41.82 1.17 -0.23	42.45 1.15 -0.20	46.07 1.25 -0.28	40.24 1.42 8.53	42.19 1.26 7.71	40.97 1.12 6.71	45.76 0.94 0.00	40.52 0.83 0.00	39.49 0.81 0.00	36.48 0.65 0.00
ENORWICH_115KV_TB1 80156	40.58 1.78 0.00	34.00 1.34 0.00	31.28 1.38 0.00	29.99 1.29 0.00	29.59 1.27 0.00	30.53 1.34 0.00	35.63 1.40 0.00	35.40 1.30 0.00	37.46 1.37 0.00	37.98 1.50 0.00	36.07 1.32 -0.03	38.13 1.47 -0.03	40.79 1.49 -0.03	40.66 1.45 -0.03	41.74 1.29 -0.03	42.43 1.27 -0.05	48.24 1.29 -2.41	51.06 1.56 -2.15	50.71 2.04 -0.03	48.47 1.91 0.00	46.88 2.06 0.00	41.51 1.83 0.00	40.18 1.51 0.00	37.34 1.51 0.00
ERIE_ST__34_KV_TB1-2 80199	36.35 -2.44 0.00	30.37 -2.29 0.00	27.96 -1.94 0.00	26.66 -2.04 0.00	26.42 -1.90 0.00	27.47 -1.72 0.00	31.25 -2.98 0.00	31.00 -3.10 0.00	32.73 -3.36 0.00	32.87 -3.61 0.00	31.15 -3.54 0.02	33.02 -3.77 0.02	35.47 -3.77 0.02	35.51 -3.64 0.02	36.47 -3.92 0.02	37.26 -3.70 0.14	36.79 -4.14 3.61	39.71 -4.40 3.23	43.85 -4.77 0.02	41.81 -4.75 0.00	40.65 -4.17 0.00	36.24 -3.45 0.00	35.23 -3.44 0.00	33.22 -2.62 0.00
ERIE_WT_PWR 323693	36.54 -2.25 0.00	30.50 -2.16 0.00	27.96 -1.94 0.00	26.72 -1.98 0.00	26.47 -1.84 0.00	27.44 -1.75 0.00	31.25 -2.98 0.00	31.07 -3.04 0.00	32.84 -3.25 0.00	33.05 -3.43 0.00	31.15 -3.54 0.02	32.84 -3.77 0.02	35.04 -4.20 0.02	34.96 -4.19 0.02	35.95 -4.45 0.02	36.57 -4.40 0.14	35.60 -5.12 3.82	38.64 -5.44 3.27	43.22 -5.40 0.02	41.72 -4.84 0.00	40.87 -3.94 0.00	36.20 -3.49 0.00	35.23 -3.44 0.00	33.22 -2.61 0.00
ESPRGFLD_115KV_TB1 80157	40.50 1.71 0.00	34.03 1.37 0.00	31.16 1.26 0.00	29.88 1.18 0.00	29.45 1.13 0.00	30.39 1.20 0.00	35.46 1.23 0.00	35.23 1.13 0.00	37.21 1.12 0.00	37.62 1.13 0.00	35.65 0.97 0.04	37.74 1.17 0.07	40.60 1.37 0.04	40.55 1.37 0.00	41.79 1.37 0.00	42.59 1.48 0.00	46.19 1.65 0.00	49.21 1.89 0.04	50.78 2.14 0.00	48.52 1.96 0.00	46.74 1.93 0.00	41.36 1.67 0.00	40.18 1.51 0.00	37.16 1.33 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.03 0.23 0.00	32.72 0.07 0.00	30.00 0.09 0.00	28.73 0.03 0.00	28.34 0.03 0.00	29.28 0.09 0.00	34.16 -0.07 0.00	34.01 -0.10 0.00	35.94 -0.14 0.00	36.34 -0.15 0.00	34.59 -0.21 -0.08	36.49 -0.22 -0.08	38.99 -0.35 -0.08	38.90 -0.35 -0.08	40.09 -0.40 -0.08	40.85 -0.37 -0.11	49.80 -0.49 -5.76	52.38 -0.43 -5.46	48.47 -0.24 -0.08	46.42 -0.14 0.00	44.68 -0.13 0.00	39.57 -0.12 0.00	38.52 -0.15 0.00	35.76 -0.07 0.00
ETNA____115KV_TB2 80207	39.03 0.23 0.00	32.72 0.07 0.00	30.00 0.09 0.00	28.73 0.03 0.00	28.34 0.03 0.00	29.28 0.09 0.00	34.16 -0.07 0.00	34.01 -0.10 0.00	35.94 -0.14 0.00	36.34 -0.15 0.00	34.59 -0.21 -0.08	36.49 -0.22 -0.08	38.99 -0.35 -0.08	38.90 -0.35 -0.08	40.09 -0.40 -0.08	40.85 -0.37 -0.11	49.80 -0.49 -5.76	52.38 -0.43 -5.46	48.47 -0.24 -0.08	46.42 -0.14 0.00	44.68 -0.13 0.00	39.57 -0.12 0.00	38.52 -0.15 0.00	35.76 -0.07 0.00
EUCLID__115KV_TB2 356179	38.10 -0.70 0.00	31.94 -0.72 0.00	29.25 -0.66 0.00	28.04 -0.66 0.00	27.66 -0.65 0.00	28.58 -0.61 0.00	33.34 -0.89 0.00	33.19 -0.92 0.00	35.15 -0.94 0.00	35.50 -0.99 0.00	33.78 -0.94 0.00	35.64 -0.99 0.00	38.08 -1.18 0.00	37.96 -1.21 0.00	39.16 -1.25 0.00	39.79 -1.32 0.00	43.02 -1.51 0.00	45.74 -1.61 0.00	47.13 -1.51 0.00	45.21 -1.35 0.00	43.52 -1.30 0.00	38.54 -1.15 0.00	37.55 -1.12 0.00	34.87 -0.97 0.00
E_CANADA_CAP_HY 24051	41.20 2.41 0.00	34.65 1.99 0.00	31.70 1.79 0.00	30.39 1.69 0.00	29.96 1.64 0.00	30.94 1.75 0.00	36.04 1.81 0.00	35.75 1.64 0.00	37.57 1.48 0.00	37.84 1.35 0.00	35.74 1.08 0.06	37.89 1.36 0.10	40.82 1.61 0.05	40.89 1.61 -0.11	42.25 1.74 -0.10	43.04 1.85 -0.08	46.80 2.14 -0.12	49.89 2.56 0.01	51.51 2.87 0.00	49.31 2.75 0.00	47.51 2.69 0.00	41.99 2.30 0.00	40.84 2.16 0.00	37.70 1.86 0.00
E_CANADA_MHWK_HY 24050	39.18 0.39 0.00	33.02 0.36 0.00	30.27 0.36 0.00	29.07 0.37 0.00	28.71 0.40 0.00	29.63 0.44 0.00	34.64 0.41 0.00	34.52 0.41 0.00	36.52 0.43 0.00	36.96 0.47 0.00	35.14 0.42 0.00	37.07 0.44 0.00	39.74 0.47 0.00	39.61 0.43 0.00	40.82 0.40 0.00	41.52 0.41 0.00	44.98 0.45 0.00	47.87 0.52 0.00	49.22 0.59 0.00	47.12 0.56 0.00	45.36 0.54 0.00	40.17 0.48 0.00	39.10 0.43 0.00	36.23 0.39 0.00
E_FISHKILL__LBMP 23776	41.00 2.21 0.00	34.55 1.89 0.00	31.52 1.62 0.00	30.22 1.52 0.00	29.82 1.50 0.00	30.71 1.52 0.00	35.70 1.47 0.00	35.61 1.50 0.00	37.82 1.73 0.00	38.27 1.79 0.00	36.75 1.91 -0.12	38.93 2.09 -0.21	41.81 2.43 -0.11	42.40 2.55 -0.68	43.72 2.71 -0.60	44.42 2.80 -0.52	48.44 3.16 -0.74	50.70 3.31 -0.04	51.75 3.11 0.00	49.31 2.75 0.00	47.24 2.42 0.00	41.79 2.10 0.00	40.57 1.90 0.00	37.49 1.65 0.00
FALCON__SEABRD_CC1 323796	37.63 -1.16 0.00	32.13 -0.52 0.00	29.79 -0.12 0.00	28.90 0.20 0.00	28.63 0.31 0.00	29.57 0.38 0.00	35.09 0.86 0.00	35.03 0.92 0.00	37.02 0.94 0.00	37.54 1.06 0.00	35.66 0.94 0.00	37.62 0.99 0.00	40.28 1.02 0.00	40.00 0.82 0.00	41.06 0.64 0.00	41.97 0.86 0.00	45.61 1.07 0.00	47.59 0.24 0.00	48.69 0.05 0.00	46.61 0.05 0.00	45.63 0.81 0.00	41.20 1.51 0.00	40.11 1.43 0.00	37.16 1.33 0.00
FALCON__SEABRD_CC2 323797	37.63 -1.16 0.00	32.13 -0.52 0.00	29.79 -0.12 0.00	28.90 0.20 0.00	28.63 0.31 0.00	29.57 0.38 0.00	35.09 0.86 0.00	35.03 0.92 0.00	37.02 0.94 0.00	37.54 1.06 0.00	35.66 0.94 0.00	37.62 0.99 0.00	40.28 1.02 0.00	40.00 0.82 0.00	41.06 0.64 0.00	41.97 0.86 0.00	45.61 1.07 0.00	47.59 0.24 0.00	48.69 0.05 0.00	46.61 0.05 0.00	45.63 0.81 0.00	41.20 1.51 0.00	40.11 1.43 0.00	37.16 1.33 0.00

FAR ROCKAWAY___4 23548	42.34 3.53 -0.01	35.71 3.04 -0.01	32.58 2.66 -0.01	31.24 2.53 -0.01	30.79 2.46 -0.01	31.77 2.57 -0.01	36.63 2.40 0.00	36.77 2.66 0.00	39.10 3.00 -0.01	40.79 2.96 -1.35	47.03 2.95 -9.36	49.64 3.15 -9.85	65.79 3.73 -22.80	69.05 3.80 -26.08	69.26 4.04 -24.80	82.98 4.15 -37.72	80.24 4.63 -31.07	78.51 4.92 -26.24	71.67 4.72 -18.31	65.74 4.38 -14.80	51.77 3.85 -3.10	46.33 3.33 -3.31	42.17 3.09 -0.40	38.72 2.87 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.59 2.79 0.00	35.04 2.38 0.00	31.94 2.03 0.00	30.59 1.89 0.00	30.16 1.84 0.00	31.06 1.87 0.00	36.15 1.92 0.00	36.05 1.94 0.00	38.40 2.31 0.00	38.93 2.44 0.00	37.43 2.60 -0.11	39.72 2.89 -0.19	42.66 3.30 -0.10	43.62 3.41 -1.03	44.92 3.60 -0.91	45.59 3.70 -0.79	49.80 4.14 -1.12	51.73 4.31 -0.07	52.68 4.04 0.00	50.19 3.63 0.00	48.04 3.23 0.00	42.51 2.82 0.00	41.15 2.48 0.00	38.02 2.19 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.63 2.83 0.00	35.07 2.42 0.00	31.94 2.03 0.00	30.59 1.89 0.00	30.16 1.84 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.09 1.98 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.43 2.60 -0.11	39.72 2.89 -0.19	42.70 3.34 -0.10	43.62 3.41 -1.03	44.92 3.60 -0.91	45.59 3.70 -0.79	49.80 4.14 -1.12	51.73 4.31 -0.07	52.68 4.04 0.00	50.19 3.63 0.00	48.04 3.23 0.00	42.51 2.82 0.00	41.15 2.48 0.00	38.02 2.19 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.59 2.79 0.00	35.04 2.38 0.00	31.91 2.00 0.00	30.56 1.87 0.00	30.13 1.81 0.00	31.06 1.87 0.00	36.15 1.92 0.00	36.05 1.94 0.00	38.36 2.27 0.00	38.93 2.44 0.00	37.43 2.60 -0.11	39.68 2.86 -0.19	42.66 3.30 -0.10	43.58 3.37 -1.03	44.88 3.56 -0.91	45.55 3.66 -0.79	49.76 4.10 -1.12	51.68 4.26 -0.07	52.63 3.99 0.00	50.15 3.59 0.00	48.00 3.18 0.00	42.47 2.78 0.00	41.11 2.44 0.00	37.99 2.15 0.00
FARRAGUT___LBMP 323566	41.55 2.75 0.00	35.01 2.35 0.00	31.91 2.00 0.00	30.56 1.87 0.00	30.13 1.81 0.00	31.03 1.84 0.00	36.11 1.88 0.00	36.02 1.91 0.00	38.33 2.24 0.00	38.89 2.41 0.00	37.40 2.57 -0.11	39.68 2.86 -0.19	42.62 3.26 -0.10	43.54 3.33 -1.03	44.84 3.52 -0.91	45.51 3.62 -0.79	49.72 4.05 -1.12	51.63 4.21 -0.07	52.58 3.94 0.00	50.10 3.54 0.00	47.95 3.14 0.00	42.47 2.78 0.00	41.11 2.44 0.00	37.99 2.15 0.00
FENNER___WINDPWR 24204	39.22 0.43 0.00	32.92 0.26 0.00	30.18 0.27 0.00	28.93 0.23 0.00	28.54 0.23 0.00	29.48 0.29 0.00	34.47 0.24 0.00	34.31 0.21 0.00	36.27 0.18 0.00	36.71 0.22 0.00	34.87 0.14 -0.01	36.76 0.11 -0.01	39.36 0.08 -0.01	39.27 0.08 -0.01	40.47 0.04 -0.01	41.17 0.04 -0.02	45.53 0.00 -0.99	48.41 0.05 -1.01	48.85 0.20 -0.01	46.75 0.19 0.00	45.09 0.27 0.00	39.89 0.20 0.00	38.79 0.12 0.00	35.98 0.14 0.00
FIBERTEK___ENERGY 23856	38.44 -0.35 0.00	32.23 -0.42 0.00	29.52 -0.39 0.00	28.30 -0.40 0.00	27.92 -0.40 0.00	28.81 -0.38 0.00	33.65 -0.58 0.00	33.49 -0.61 0.00	35.47 -0.61 0.00	35.87 -0.62 0.00	34.09 -0.62 0.00	35.97 -0.66 0.00	38.44 -0.82 0.00	38.35 -0.82 0.00	39.53 -0.89 0.00	40.16 -0.95 0.00	43.42 -1.11 0.00	46.16 -1.18 0.00	47.57 -1.07 0.00	45.63 -0.93 0.00	43.92 -0.90 0.00	38.89 -0.79 0.00	37.90 -0.77 0.00	35.19 -0.65 0.00
FITZPATRICK___ 23598	37.59 -1.20 0.00	31.58 -1.08 0.00	28.89 -1.02 0.00	27.72 -0.98 0.00	27.35 -0.96 0.00	28.23 -0.96 0.00	32.96 -1.27 0.00	32.85 -1.26 0.00	34.75 -1.33 0.00	35.14 -1.35 0.00	33.40 -1.32 0.00	35.20 -1.43 0.00	37.69 -1.57 0.00	37.57 -1.61 0.00	38.72 -1.70 0.00	39.38 -1.72 0.00	42.58 -1.96 0.00	45.28 -2.08 -0.02	46.64 -2.00 0.00	44.70 -1.86 0.00	43.07 -1.75 0.00	38.14 -1.55 0.00	37.13 -1.55 0.00	34.47 -1.36 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.32 2.52 0.00	34.78 2.12 0.00	31.76 1.85 0.00	30.45 1.75 0.00	30.01 1.70 0.00	30.91 1.72 0.00	35.98 1.75 0.00	35.78 1.67 0.00	38.00 1.91 0.00	38.49 2.01 0.00	36.92 2.12 -0.09	39.16 2.38 -0.15	42.17 2.83 -0.08	42.24 2.90 -0.17	43.59 3.03 -0.15	44.36 3.12 -0.13	48.24 3.52 -0.18	51.04 3.69 0.00	52.14 3.50 0.00	49.73 3.17 0.00	47.69 2.87 0.00	42.07 2.38 0.00	40.88 2.20 0.00	37.77 1.94 0.00
FORT ORANGE___ 23900	40.11 1.32 0.00	33.80 1.14 0.00	30.98 1.08 0.00	29.76 1.06 0.00	29.33 1.02 0.00	30.21 1.02 0.00	35.09 0.86 0.00	34.96 0.85 0.00	36.88 0.79 0.00	37.22 0.73 0.00	35.26 0.63 0.08	37.12 0.62 0.14	39.89 0.71 0.08	40.14 0.78 -0.18	41.50 0.93 -0.16	42.15 0.90 -0.14	45.80 1.07 -0.20	42.22 1.28 6.41	44.01 1.17 5.79	42.54 1.02 5.04	45.76 0.94 0.00	40.44 0.75 0.00	39.41 0.73 0.00	36.45 0.61 0.00
FORT_DRUM_COGEN 23780	39.10 0.31 0.00	32.53 -0.13 0.00	29.91 0.00 0.00	28.73 0.03 0.00	28.34 0.03 0.00	29.34 0.15 0.00	34.47 0.24 0.00	34.28 0.17 0.00	36.05 -0.04 0.00	36.49 0.00 0.00	34.47 -0.24 0.00	36.27 -0.37 0.00	38.79 -0.47 0.00	38.67 -0.51 0.00	39.85 -0.57 0.00	40.61 -0.49 0.00	44.05 -0.49 0.00	47.06 -0.28 0.00	48.78 0.15 0.00	46.61 0.05 0.00	45.04 0.22 0.00	39.89 0.20 0.00	38.67 0.00 0.00	35.84 0.00 0.00
FOX_HILLS___ESR 323835	41.82 3.03 0.00	35.37 2.71 0.00	32.21 2.30 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	35.98 1.88 0.00	38.36 2.27 0.00	38.97 2.48 0.00	37.57 2.74 -0.11	39.83 3.00 -0.19	42.74 3.38 -0.10	43.69 3.49 -1.03	45.08 3.76 -0.91	45.76 3.86 -0.79	49.98 4.32 -1.12	51.82 4.40 -0.07	52.58 3.94 0.00	50.06 3.49 0.00	48.00 3.18 0.00	42.55 2.86 0.00	41.07 2.40 0.00	38.24 2.40 0.00
FPL_FAR_ROCK_GT1 24212	42.34 3.53 -0.01	35.71 3.04 -0.01	32.58 2.66 -0.01	31.24 2.53 -0.01	30.79 2.46 -0.01	31.74 2.54 -0.01	36.63 2.40 0.00	36.73 2.63 0.00	39.10 2.99 -0.01	40.75 2.92 -1.35	47.03 2.95 -9.36	49.60 3.11 -9.85	65.75 3.69 -22.80	69.17 3.92 -26.08	69.30 4.08 -24.80	82.94 4.11 -37.72	80.24 4.63 -31.07	78.51 4.92 -26.24	71.62 4.67 -18.31	65.74 4.38 -14.80	51.68 3.77 -3.10	46.33 3.33 -3.31	42.17 3.10 -0.40	38.72 2.87 -0.01
FPL_FAR_ROCK_GT2 23815	42.34 3.53 -0.01	35.71 3.04 -0.01	32.58 2.66 -0.01	31.24 2.53 -0.01	30.79 2.46 -0.01	31.74 2.54 -0.01	36.63 2.40 0.00	36.73 2.63 0.00	39.10 2.99 -0.01	40.75 2.92 -1.35	47.03 2.95 -9.36	49.60 3.11 -9.85	65.75 3.69 -22.80	69.17 3.92 -26.08	69.30 4.08 -24.80	82.94 4.11 -37.72	80.24 4.63 -31.07	78.51 4.92 -26.24	71.62 4.67 -18.31	65.74 4.38 -14.80	51.68 3.77 -3.10	46.33 3.33 -3.31	42.17 3.10 -0.40	38.72 2.87 -0.01
FRANKLIN_FALL_HYD 24054	38.17 -0.62 0.00	32.43 -0.23 0.00	29.88 -0.03 0.00	28.90 0.20 0.00	28.60 0.28 0.00	29.51 0.32 0.00	35.02 0.79 0.00	34.93 0.82 0.00	36.88 0.79 0.00	37.40 0.91 0.00	35.52 0.80 0.00	37.40 0.77 0.00	40.09 0.82 0.00	39.80 0.63 0.00	40.90 0.48 0.00	41.81 0.70 0.00	45.43 0.89 0.00	48.11 0.76 0.00	49.47 0.83 0.00	47.54 0.98 0.00	46.30 1.48 0.00	40.96 1.27 0.00	39.87 1.20 0.00	36.91 1.08 0.00



FREEPORT_EQUS_GT1 23764	41.95	35.41	32.31	30.98	30.56	31.51	36.32	36.43	38.73	40.19	45.04	47.45	61.30	64.32	64.67	76.09	74.50	73.41	67.93	62.71	50.66	45.33	41.75	38.39
	3.14	2.74	2.39	2.27	2.24	2.31	2.09	2.32	2.63	2.59	2.53	2.60	3.10	3.33	3.51	3.54	4.09	4.35	4.09	3.86	3.27	2.90	2.75	2.54
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-1.12	-7.79	-8.21	-18.94	-21.82	-20.74	-31.44	-25.87	-21.70	-15.20	-12.28	-2.57	-2.74	-0.33	-0.01
FREEPORT___CT2 23818	41.95	35.41	32.31	30.98	30.56	31.51	36.32	36.43	38.73	40.19	45.04	47.45	61.30	64.32	64.67	76.09	74.50	73.41	67.93	62.71	50.66	45.33	41.75	38.39
	3.14	2.74	2.39	2.27	2.24	2.31	2.09	2.32	2.63	2.59	2.53	2.60	3.10	3.33	3.51	3.54	4.09	4.35	4.09	3.86	3.27	2.90	2.75	2.54
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-1.12	-7.79	-8.21	-18.94	-21.82	-20.74	-31.44	-25.87	-21.70	-15.20	-12.28	-2.57	-2.74	-0.33	-0.01
FRESHKLS_33_KV_LOAD 356253	40.91	35.43	32.27	30.82	30.33	31.12	36.18	35.98	38.33	38.93	37.54	39.75	42.65	43.64	44.98	45.66	49.92	51.78	52.53	50.01	47.95	42.51	41.00	38.31
	2.95	2.78	2.36	2.12	2.01	1.93	1.95	1.88	2.24	2.44	2.71	2.93	3.30	3.45	3.68	3.78	4.28	4.36	3.89	3.45	3.14	2.82	2.32	2.47
	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.19	-0.09	-1.02	-0.89	-0.77	-1.11	-0.07	0.00	0.00	0.00	0.00	0.00	0.00
FULTON COGEN____ 23766	38.10	31.94	29.25	28.04	27.66	28.55	33.34	33.22	35.15	35.54	33.78	35.64	38.08	38.00	39.16	39.79	43.02	45.79	47.18	45.26	43.52	38.54	37.55	34.87
	-0.70	-0.72	-0.66	-0.66	-0.65	-0.64	-0.89	-0.89	-0.94	-0.95	-0.94	-0.99	-1.18	-1.18	-1.25	-1.32	-1.51	-1.56	-1.46	-1.30	-1.30	-1.15	-1.12	-0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FULTON___LFGE 323630	41.39	34.81	31.82	30.54	30.07	31.06	36.15	35.88	37.67	37.87	35.80	37.91	40.81	40.92	42.31	43.06	46.87	49.99	51.66	49.45	47.64	42.07	40.96	37.81
	2.60	2.15	1.92	1.84	1.76	1.87	1.92	1.77	1.59	1.39	1.14	1.39	1.61	1.61	1.78	1.85	2.18	2.65	3.02	2.89	2.83	2.38	2.28	1.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.11	0.06	-0.13	-0.12	-0.10	-0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00
G.F.CEMENT___DRP 24184	41.74	35.14	32.12	30.82	30.35	31.32	36.42	36.26	38.29	38.71	36.52	38.58	41.40	41.59	42.23	42.85	46.42	54.29	55.18	52.46	47.01	41.63	41.27	38.06
	2.95	2.48	2.21	2.12	2.04	2.13	2.19	2.15	2.20	2.23	1.91	2.12	2.24	2.23	1.66	1.60	1.69	2.32	2.38	2.28	2.20	1.94	2.59	2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.18	0.10	-0.18	-0.16	-0.14	-0.19	-4.62	-4.15	-3.62	0.00	0.00	0.00	0.00
GARDENVILLE___LBMP 24039	36.35	30.34	27.93	26.69	26.42	27.41	31.15	30.94	32.66	32.80	31.08	32.80	34.96	34.84	35.99	36.24	35.15	38.44	43.02	41.63	40.47	36.12	35.16	33.15
	-2.44	-2.32	-1.97	-2.01	-1.90	-1.78	-3.08	-3.17	-3.43	-3.69	-3.61	-3.81	-4.28	-4.31	-4.41	-4.73	-5.26	-5.59	-5.59	-4.94	-4.35	-3.57	-3.52	-2.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.14	4.13	3.32	0.02	0.00	0.00	0.00	0.00	0.00
GARDNVLA_35_KV_LD 355827	36.47	30.40	27.99	26.75	26.47	27.50	31.29	31.04	32.77	32.91	31.19	32.91	35.12	35.04	36.15	36.40	35.76	38.66	43.22	41.77	40.60	36.24	35.27	33.26
	-2.33	-2.25	-1.91	-1.95	-1.84	-1.69	-2.94	-3.07	-3.32	-3.58	-3.51	-3.70	-4.12	-4.11	-4.24	-4.56	-5.08	-5.45	-5.40	-4.80	-4.21	-3.45	-3.40	-2.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.14	3.70	3.25	0.02	0.00	0.00	0.00	0.00	0.00
GELCKHM___115KV_LOAD 80723	38.21	32.07	29.37	28.13	27.75	28.66	33.44	33.32	35.26	35.65	33.92	35.75	38.24	38.12	39.32	39.96	43.16	45.93	47.33	45.40	43.65	38.70	37.71	35.01
	-0.58	-0.59	-0.54	-0.57	-0.57	-0.53	-0.79	-0.78	-0.83	-0.84	-0.80	-0.88	-1.02	-1.06	-1.09	-1.15	-1.38	-1.42	-1.31	-1.16	-1.17	-0.99	-0.97	-0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENERAL___MILLS 23808	36.39	30.37	27.96	26.72	26.45	27.44	31.22	31.00	32.70	32.84	31.12	32.87	35.04	34.96	36.07	36.36	35.60	38.64	43.17	41.67	40.56	36.20	35.19	33.22
	-2.41	-2.29	-1.94	-1.98	-1.87	-1.75	-3.01	-3.10	-3.39	-3.65	-3.58	-3.74	-4.20	-4.19	-4.32	-4.60	-5.12	-5.45	-5.45	-4.89	-4.26	-3.49	-3.48	-2.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.14	3.82	3.27	0.02	0.00	0.00	0.00	0.00	0.00
GE_PLASTICS___DRP 24183	39.96	33.67	30.84	29.59	29.16	30.07	34.98	34.86	36.88	37.22	35.32	37.23	39.99	40.21	41.50	42.23	45.80	44.35	45.97	44.20	45.62	40.36	39.33	36.41
	1.16	1.01	0.93	0.89	0.85	0.88	0.75	0.75	0.79	0.73	0.66	0.70	0.79	0.86	0.93	0.99	1.07	1.18	1.12	0.93	0.81	0.67	0.66	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.10	0.05	-0.18	-0.15	-0.13	-0.19	4.19	3.79	3.30	0.00	0.00	0.00	0.00
GILBOA___1 23756	39.96	33.64	30.78	29.50	29.11	30.01	34.95	34.83	36.88	37.25	35.52	37.51	40.28	40.23	41.54	42.22	45.83	48.55	49.76	47.59	45.71	40.44	39.49	36.55
	1.16	0.98	0.87	0.80	0.79	0.82	0.72	0.72	0.79	0.77	0.80	0.88	1.02	1.06	1.13	1.11	1.29	1.23	1.12	1.02	0.90	0.75	0.81	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
GILBOA___2 23757	39.96	33.64	30.78	29.50	29.11	30.01	34.95	34.83	36.88	37.25	35.52	37.51	40.28	40.23	41.54	42.22	45.83	48.55	49.76	47.59	45.71	40.44	39.49	36.55
	1.16	0.98	0.87	0.80	0.79	0.82	0.72	0.72	0.79	0.77	0.80	0.88	1.02	1.06	1.13	1.11	1.29	1.23	1.12	1.02	0.90	0.75	0.81	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
GILBOA___3 23758	39.96	33.64	30.78	29.50	29.11	30.01	34.95	34.83	36.88	37.25	35.52	37.51	40.28	40.23	41.54	42.22	45.83	48.55	49.76	47.59	45.71	40.44	39.49	36.55
	1.16	0.98	0.87	0.80	0.79	0.82	0.72	0.72	0.79	0.77	0.80	0.88	1.02	1.06	1.13	1.11	1.29	1.23	1.12	1.02	0.90	0.75	0.81	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
GILBOA___4 23759	39.96	33.64	30.78	29.50	29.11	30.01	34.95	34.83	36.88	37.25	35.52	37.51	40.28	40.23	41.54	42.22	45.83	48.55	49.76	47.59	45.71	40.44	39.49	36.55
	1.16	0.98	0.87	0.80	0.79	0.82	0.72	0.72	0.79	0.77	0.80	0.88	1.02	1.06	1.13	1.11	1.29	1.23	1.12	1.02	0.90	0.75	0.81	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00

GILBOA____ 23599	39.96 1.16 0.00	33.64 0.98 0.00	30.78 0.87 0.00	29.50 0.80 0.00	29.11 0.79 0.00	30.01 0.82 0.00	34.95 0.72 0.00	34.82 0.72 0.00	36.88 0.79 0.00	37.29 0.80 0.00	35.52 0.80 0.00	37.51 0.88 0.00	40.24 0.98 0.00	40.19 1.02 0.00	41.51 1.09 0.00	42.26 1.15 0.00	45.83 1.29 0.00	48.55 1.23 0.03	49.81 1.17 0.00	47.54 0.98 0.00	45.67 0.85 0.00	40.44 0.75 0.00	39.49 0.81 0.00	36.55 0.72 0.00
GINNA____ 23603	36.23 -2.56 0.00	30.37 -2.29 0.00	27.79 -2.12 0.00	26.61 -2.09 0.00	26.25 -2.07 0.00	27.15 -2.04 0.00	31.46 -2.77 0.00	31.28 -2.83 0.00	33.17 -2.92 0.00	33.60 -2.88 0.00	31.83 -2.88 0.01	33.55 -3.08 0.01	35.80 -3.46 0.01	35.52 -3.64 0.01	36.56 -3.84 0.01	37.09 -4.03 -0.01	39.22 -4.68 0.64	41.84 -5.02 0.49	44.25 -4.38 0.01	42.56 -4.00 0.00	41.28 -3.54 0.00	36.51 -3.18 0.00	35.54 -3.13 0.00	33.08 -2.76 0.00
GLEN PARK____ 23778	39.22 0.43 0.00	32.53 -0.13 0.00	29.91 0.00 0.00	28.73 0.03 0.00	28.34 0.03 0.00	29.34 0.15 0.00	34.44 0.21 0.00	34.24 0.14 0.00	36.02 -0.07 0.00	36.45 -0.04 0.00	34.44 -0.28 0.00	36.23 -0.40 0.00	38.75 -0.51 0.00	38.63 -0.55 0.00	39.77 -0.65 0.00	40.57 -0.54 0.00	44.01 -0.53 0.00	47.02 -0.33 0.00	48.83 0.20 0.00	46.61 0.05 0.00	45.09 0.27 0.00	39.93 0.24 0.00	38.67 0.00 0.00	35.84 0.00 0.00
GLENDALE_27_KV_LOAD 356172	41.90 3.10 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.79 2.10 0.00	30.30 1.98 0.00	31.17 1.98 0.00	36.25 2.02 0.00	36.12 2.01 0.00	38.51 2.42 0.00	39.15 2.66 0.00	37.71 2.88 -0.11	40.01 3.19 -0.19	42.98 3.61 -0.10	43.93 3.72 -1.03	45.24 3.92 -0.91	45.88 3.99 -0.79	50.16 4.50 -1.12	52.01 4.59 -0.07	52.77 4.13 0.00	50.29 3.73 0.00	48.18 3.36 0.00	42.70 3.02 0.00	41.27 2.59 0.00	38.24 2.40 0.00
GLENWOOD_IC_1_G5 23712	41.80 2.99 -0.02	35.22 2.55 -0.02	32.14 2.21 -0.02	30.81 2.10 -0.02	30.37 2.04 -0.02	31.31 2.10 -0.02	36.22 1.99 0.00	36.26 2.15 0.00	38.56 2.45 -0.02	40.44 2.52 -1.44	47.29 2.57 -10.00	49.94 2.78 -10.52	66.62 2.98 -24.37	70.05 3.06 -27.82	70.15 3.27 -26.46	84.77 3.37 -40.29	81.33 3.79 -33.01	79.27 3.98 -27.94	71.97 3.75 -19.59	65.79 3.40 -15.82	51.27 3.14 -3.31	46.04 2.82 -3.53	41.69 2.59 -0.43	38.22 2.37 -0.02
GLENWOOD_IC_2_G1 23688	41.51 2.71 0.00	35.01 2.35 0.00	31.94 2.03 0.00	30.59 1.89 0.00	30.18 1.87 0.00	31.09 1.90 0.00	36.04 1.81 0.00	36.02 1.91 0.00	38.33 2.24 0.00	38.81 2.26 -0.06	37.61 2.36 -0.54	39.79 2.53 -0.63	43.31 2.91 -1.14	44.45 3.09 -2.18	45.69 3.27 -2.00	46.88 3.29 -2.48	50.81 3.78 -2.49	52.59 3.98 -1.27	53.13 3.65 -0.84	50.64 3.40 -0.68	47.92 2.96 -0.14	42.46 2.62 -0.15	41.05 2.36 -0.02	37.95 2.11 0.00
GLENWOOD_IC_3_G1 23689	41.51 2.71 0.00	35.01 2.35 0.00	31.94 2.03 0.00	30.59 1.89 0.00	30.18 1.87 0.00	31.09 1.90 0.00	36.04 1.81 0.00	36.02 1.91 0.00	38.33 2.24 0.00	38.81 2.26 -0.06	37.61 2.36 -0.54	39.79 2.53 -0.63	43.31 2.91 -1.14	44.45 3.09 -2.18	45.69 3.27 -2.00	46.88 3.29 -2.48	50.81 3.78 -2.49	52.59 3.98 -1.27	53.13 3.65 -0.84	50.64 3.40 -0.68	47.92 2.96 -0.14	42.46 2.62 -0.15	41.05 2.36 -0.02	37.95 2.11 0.00
GLENWOOD____4 23550	41.80 2.99 -0.02	35.22 2.55 -0.02	32.14 2.21 -0.02	30.81 2.10 -0.02	30.37 2.04 -0.02	31.31 2.10 -0.02	36.22 1.99 0.00	36.26 2.15 0.00	38.56 2.45 -0.02	40.44 2.52 -1.44	47.29 2.57 -10.00	49.94 2.78 -10.52	66.70 3.06 -24.37	70.17 3.17 -27.82	70.23 3.35 -26.46	84.85 3.45 -40.29	81.47 3.92 -33.01	79.41 4.12 -27.94	72.12 3.89 -19.59	65.88 3.49 -15.82	51.31 3.18 -3.31	46.04 2.82 -3.53	41.69 2.59 -0.43	38.22 2.37 -0.02
GLENWOOD____5 23614	41.80 2.99 -0.02	35.22 2.55 -0.02	32.14 2.21 -0.02	30.81 2.10 -0.02	30.37 2.04 -0.02	31.31 2.10 -0.02	36.22 1.99 0.00	36.26 2.15 0.00	38.56 2.45 -0.02	40.44 2.52 -1.44	47.29 2.57 -10.00	49.94 2.78 -10.52	66.70 3.06 -24.37	70.17 3.17 -27.82	70.23 3.35 -26.46	84.85 3.45 -40.29	81.47 3.92 -33.01	79.41 4.12 -27.94	72.12 3.89 -19.59	65.88 3.49 -15.82	51.31 3.18 -3.31	46.04 2.82 -3.53	41.69 2.59 -0.43	38.22 2.37 -0.02
GLOBAL GREEN_PORT_GT1 23814	42.14 3.34 -0.01	35.41 2.74 -0.01	32.31 2.39 -0.01	30.95 2.24 -0.01	30.53 2.21 -0.01	31.48 2.28 -0.01	35.73 1.50 0.00	36.05 1.94 0.00	38.51 2.42 -0.01	39.91 2.59 -0.83	43.42 2.88 -5.82	45.76 2.97 -6.16	56.95 3.57 -14.12	59.55 3.88 -16.50	60.20 4.12 -15.66	68.90 4.19 -23.60	68.92 4.94 -19.44	68.40 4.97 -16.09	64.67 4.72 -11.31	60.22 4.52 -9.14	50.36 3.63 -1.91	44.91 3.18 -2.04	41.71 2.79 -0.25	38.68 2.83 -0.01
GLOBE____DSASP 323697	35.53 -3.26 0.00	29.36 -3.30 0.00	27.01 -2.90 0.00	26.17 -2.53 0.00	25.91 -2.41 0.00	26.50 -2.69 0.00	30.09 -4.14 0.00	29.91 -4.20 0.00	31.54 -4.55 0.00	31.63 -4.85 0.00	30.01 -4.69 0.02	31.60 -5.02 0.02	33.43 -5.81 0.02	33.28 -5.88 0.02	34.45 -5.94 0.02	34.20 -6.74 0.17	34.35 -6.95 3.24	36.35 -7.86 3.14	40.89 -7.73 0.02	40.04 -6.52 0.00	38.99 -5.83 0.00	34.89 -4.80 0.00	34.00 -4.68 0.00	32.11 -3.73 0.00
GOETHSLN____LBMP 323567	33.13 2.56 8.22	34.85 2.19 0.00	31.73 1.82 0.00	30.42 1.72 0.00	29.99 1.67 0.00	30.88 1.69 0.00	35.94 1.71 0.00	35.88 1.77 0.00	38.18 2.09 0.00	38.75 2.26 0.00	37.26 2.43 -0.11	39.53 2.71 -0.19	42.43 3.06 -0.10	43.34 3.13 -1.03	44.63 3.31 -0.90	45.30 3.41 -0.78	49.44 3.79 -1.12	51.40 3.98 -0.07	52.34 3.70 0.00	49.87 3.31 0.00	47.73 2.91 0.00	42.27 2.58 0.00	40.92 2.24 0.00	37.81 1.97 0.00
GOLAH____69_KV_TB 1_2 80279	37.67 -1.13 0.00	31.55 -1.11 0.00	28.98 -0.93 0.00	27.69 -1.00 0.00	27.35 -0.96 0.00	28.31 -0.88 0.00	32.55 -1.68 0.00	32.30 -1.81 0.00	34.21 -1.88 0.00	34.52 -1.97 0.00	32.69 -2.01 0.01	34.50 -2.12 0.01	36.70 -2.55 0.01	36.46 -2.70 0.01	37.66 -2.75 0.01	37.50 -3.29 0.32	39.60 -3.65 1.29	40.88 -3.88 2.59	45.17 -3.45 0.01	43.82 -2.75 0.00	42.44 -2.38 0.00	37.70 -1.98 0.00	36.74 -1.93 0.00	34.37 -1.47 0.00
GOODYEAR_LAKE_HYD 323669	40.07 1.28 0.00	33.70 1.05 0.00	30.84 0.93 0.00	29.56 0.86 0.00	29.14 0.82 0.00	30.07 0.88 0.00	35.09 0.86 0.00	34.89 0.78 0.00	36.95 0.87 0.00	37.47 0.99 0.00	35.65 0.94 0.00	37.70 1.06 0.00	40.48 1.22 0.00	40.39 1.21 0.00	41.63 1.21 0.00	42.38 1.27 0.00	45.88 1.34 0.00	48.76 1.47 0.06	50.20 1.56 0.00	47.96 1.40 0.00	46.16 1.34 0.00	40.88 1.19 0.00	39.72 1.04 0.00	36.77 0.93 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.52 -0.27 0.00	32.33 -0.33 0.00	29.64 -0.27 0.00	28.38 -0.32 0.00	28.00 -0.31 0.00	28.93 -0.26 0.00	33.65 -0.58 0.00	33.49 -0.61 0.00	35.40 -0.69 0.00	35.76 -0.73 0.00	34.01 -0.69 0.01	35.89 -0.73 0.01	38.43 -0.82 0.01	38.38 -0.78 0.01	39.56 -0.85 0.01	40.29 -0.78 0.04	42.87 -0.89 0.77	45.34 -0.95 1.06	47.70 -0.92 0.01	45.68 -0.88 0.00	44.06 -0.76 0.00	39.01 -0.67 0.00	37.98 -0.70 0.00	35.26 -0.57 0.00

GOUDEY___7 23579	38.52 -0.27 0.00	32.33 -0.33 0.00	29.64 -0.27 0.00	28.38 -0.32 0.00	28.00 -0.31 0.00	28.93 -0.26 0.00	33.65 -0.58 0.00	33.49 -0.61 0.00	35.40 -0.69 0.00	35.76 -0.73 0.00	34.01 -0.69 0.01	35.89 -0.73 0.01	38.43 -0.82 0.01	38.38 -0.78 0.01	39.56 -0.85 0.01	40.29 -0.78 0.04	42.87 -0.89 0.77	45.34 -0.95 1.06	47.70 -0.92 0.01	45.68 -0.88 0.00	44.06 -0.76 0.00	39.01 -0.67 0.00	37.98 -0.70 0.00	35.26 -0.57 0.00
GOUDEY___8 23580	38.52 -0.27 0.00	32.33 -0.33 0.00	29.64 -0.27 0.00	28.38 -0.32 0.00	28.00 -0.31 0.00	28.93 -0.26 0.00	33.65 -0.58 0.00	33.49 -0.61 0.00	35.40 -0.69 0.00	35.76 -0.73 0.00	34.01 -0.69 0.01	35.89 -0.73 0.01	38.43 -0.82 0.01	38.38 -0.78 0.01	39.56 -0.85 0.01	40.29 -0.78 0.04	42.87 -0.89 0.77	45.34 -0.95 1.06	47.70 -0.92 0.01	45.68 -0.88 0.00	44.06 -0.76 0.00	39.01 -0.67 0.00	37.98 -0.70 0.00	35.26 -0.57 0.00
GOWANUS_GT1_1 24077	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GOWANUS_GT1_2 24078	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GOWANUS_GT1_3 24079	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GOWANUS_GT1_4 24080	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GOWANUS_GT1_5 24084	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GOWANUS_GT1_6 24111	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GOWANUS_GT1_7 24112	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GOWANUS_GT1_8 24113	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GOWANUS_GT2_1 24114	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
GOWANUS_GT2_2 24115	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
GOWANUS_GT2_3 24116	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
GOWANUS_GT2_4 24117	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
GOWANUS_GT2_5 24118	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00

GOWANUS_GT2_6 24119	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
GOWANUS_GT2_7 24120	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
GOWANUS_GT2_8 24121	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
GOWANUS_GT3_1 24122	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
GOWANUS_GT3_2 24123	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
GOWANUS_GT3_3 24124	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
GOWANUS_GT3_4 24125	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
GOWANUS_GT3_5 24126	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
GOWANUS_GT3_6 24127	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
GOWANUS_GT3_7 24128	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
GOWANUS_GT3_8 24129	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
GOWANUS_GT4_1 24130	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GOWANUS_GT4_2 24131	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GOWANUS_GT4_3 24132	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GOWANUS_GT4_4 24133	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00

GOWANUS_GT4_5 24134	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GOWANUS_GT4_6 24135	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GOWANUS_GT4_7 24136	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GOWANUS_GT4_8 24137	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GREATVRV_69_KV_BK1 356245	42.64 3.84 -0.01	35.93 3.27 -0.01	32.73 2.81 -0.01	31.35 2.64 -0.01	30.93 2.60 -0.01	31.88 2.69 -0.01	36.56 2.33 0.00	36.84 2.73 0.00	39.16 3.07 -0.01	40.55 3.21 -0.85	43.76 3.06 -5.98	46.07 3.11 -6.33	57.43 3.65 -14.51	59.75 3.64 -16.93	60.45 3.96 -16.08	69.50 4.15 -24.24	69.31 4.81 -19.96	69.00 5.11 -16.54	65.18 4.91 -11.63	60.66 4.70 -9.39	50.95 4.17 -1.97	45.40 3.61 -2.10	42.33 3.40 -0.25	39.00 3.15 -0.01
GREENBSH_115KV_TB3 55895	39.92 1.13 0.00	33.67 1.01 0.00	30.84 0.93 0.00	29.62 0.92 0.00	29.19 0.88 0.00	30.07 0.88 0.00	34.95 0.72 0.00	34.82 0.72 0.00	36.85 0.76 0.00	37.14 0.66 0.00	35.15 0.52 0.09	37.00 0.51 0.15	39.77 0.59 0.08	40.03 0.67 -0.19	41.35 0.77 -0.17	42.03 0.78 -0.14	45.63 0.89 -0.21	41.56 0.99 6.78	43.44 0.92 6.13	41.97 0.75 5.34	45.49 0.67 0.00	40.24 0.56 0.00	39.22 0.54 0.00	36.27 0.43 0.00
GREENDGE_115KV_TB5 80291	38.25 -0.54 0.00	32.00 -0.65 0.00	29.37 -0.54 0.00	28.13 -0.57 0.00	27.78 -0.54 0.00	28.75 -0.44 0.00	33.34 -0.89 0.00	33.19 -0.92 0.00	35.08 -1.01 0.00	35.35 -1.13 0.00	33.44 -1.22 0.06	35.26 -1.32 0.06	37.63 -1.57 0.06	37.47 -1.65 0.06	38.66 -1.70 0.06	39.27 -1.73 0.11	41.21 -2.05 1.28	41.16 -2.13 4.06	46.63 -1.95 0.06	44.93 -1.63 0.00	43.29 -1.52 0.00	38.62 -1.07 0.00	37.59 -1.08 0.00	35.01 -0.82 0.00
GREENIDGE___3 23582	38.25 -0.54 0.00	32.00 -0.65 0.00	29.37 -0.54 0.00	28.13 -0.57 0.00	27.78 -0.54 0.00	28.75 -0.44 0.00	33.34 -0.89 0.00	33.19 -0.92 0.00	35.08 -1.01 0.00	35.35 -1.13 0.00	33.44 -1.22 0.06	35.26 -1.32 0.06	37.63 -1.57 0.06	37.47 -1.65 0.06	38.66 -1.70 0.06	39.27 -1.73 0.11	41.21 -2.05 1.28	41.16 -2.13 4.06	46.63 -1.95 0.06	44.93 -1.63 0.00	43.29 -1.52 0.00	38.62 -1.07 0.00	37.59 -1.08 0.00	35.01 -0.82 0.00
GREENIDGE___4 23583	38.29 -0.51 0.00	32.07 -0.59 0.00	29.37 -0.54 0.00	28.13 -0.57 0.00	27.78 -0.54 0.00	28.72 -0.47 0.00	33.34 -0.89 0.00	33.22 -0.89 0.00	35.12 -0.97 0.00	35.43 -1.06 0.00	33.48 -1.18 0.06	35.26 -1.32 0.06	37.63 -1.57 0.06	37.47 -1.64 0.06	38.62 -1.74 0.06	39.35 -1.65 0.11	41.21 -2.05 1.28	41.21 -2.08 4.06	46.63 -1.95 0.06	44.93 -1.63 0.00	43.43 -1.39 0.00	38.62 -1.07 0.00	37.59 -1.08 0.00	35.01 -0.82 0.00
GREENLWN_69_KV_BK 3 55738	41.83 3.03 -0.01	35.28 2.61 -0.01	32.16 2.24 -0.01	30.83 2.12 -0.01	30.42 2.10 -0.01	31.36 2.16 -0.01	36.11 1.88 0.00	36.33 2.22 0.00	38.59 2.49 -0.01	39.85 2.52 -0.85	42.97 2.29 -5.96	45.09 2.16 -6.30	56.30 2.59 -14.44	58.70 2.66 -16.86	59.33 2.91 -16.01	68.28 3.04 -24.13	67.92 3.52 -19.86	67.55 3.74 -16.46	63.71 3.50 -11.57	59.13 3.21 -9.35	49.51 2.73 -1.96	44.28 2.50 -2.09	41.48 2.55 -0.25	38.25 2.40 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00
GRISSOM___SOLAR 323813	41.28 2.48 0.00	34.75 2.09 0.00	31.76 1.85 0.00	30.48 1.78 0.00	30.01 1.70 0.00	31.00 1.81 0.00	36.08 1.85 0.00	35.78 1.67 0.00	37.57 1.48 0.00	37.80 1.31 0.00	35.69 1.04 0.07	37.80 1.28 0.12	40.69 1.49 0.06	40.80 1.49 -0.14	42.19 1.66 -0.12	42.94 1.73 -0.11	46.74 2.05 -0.15	49.90 2.56 0.01	51.51 2.87 0.00	49.31 2.75 0.00	47.46 2.64 0.00	41.95 2.26 0.00	40.88 2.20 0.00	37.73 1.90 0.00
GROVEVILLE___HYD 323602	41.32 2.52 0.00	34.78 2.12 0.00	31.76 1.85 0.00	30.45 1.75 0.00	30.01 1.70 0.00	30.91 1.72 0.00	35.98 1.75 0.00	35.78 1.67 0.00	38.00 1.91 0.00	38.49 2.01 0.00	36.92 2.12 -0.09	39.16 2.38 -0.15	42.17 2.83 -0.08	42.24 2.90 -0.17	43.59 3.03 -0.15	44.36 3.12 -0.13	48.24 3.52 -0.18	51.04 3.69 0.00	52.14 3.50 0.00	49.73 3.17 0.00	47.69 2.87 0.00	42.07 2.38 0.00	40.88 2.20 0.00	37.77 1.94 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.44 -0.35 0.00	32.23 -0.42 0.00	29.52 -0.39 0.00	28.30 -0.40 0.00	27.92 -0.40 0.00	28.81 -0.38 0.00	33.65 -0.58 0.00	33.49 -0.61 0.00	35.47 -0.61 0.00	35.87 -0.62 0.00	34.09 -0.62 0.00	35.97 -0.66 0.00	38.44 -0.82 0.00	38.35 -0.82 0.00	39.53 -0.89 0.00	40.16 -0.95 0.00	43.42 -1.11 0.00	46.16 -1.18 0.00	47.57 -1.07 0.00	45.63 -0.93 0.00	43.92 -0.90 0.00	38.89 -0.79 0.00	37.90 -0.77 0.00	35.19 -0.65 0.00
HAMLTNNY_34_KV_TB 80303	38.41 -0.39 0.00	32.20 -0.46 0.00	29.49 -0.42 0.00	28.27 -0.43 0.00	27.89 -0.42 0.00	28.81 -0.38 0.00	33.58 -0.65 0.00	33.43 -0.68 0.00	35.40 -0.69 0.00	35.79 -0.69 0.00	34.02 -0.69 0.00	35.90 -0.73 0.00	38.36 -0.90 0.00	38.20 -0.98 0.00	39.40 -1.01 0.00	40.00 -1.11 0.00	43.20 -1.34 0.00	45.98 -1.37 0.00	47.42 -1.22 0.00	45.54 -1.02 0.00	43.88 -0.94 0.00	38.86 -0.83 0.00	37.86 -0.81 0.00	35.16 -0.68 0.00

HAMPSHIRE___PAPER_HYD 323593	38.68 -0.12 0.00	32.49 -0.16 0.00	29.88 -0.03 0.00	28.73 0.03 0.00	28.40 0.09 0.00	29.40 0.21 0.00	34.67 0.44 0.00	34.55 0.44 0.00	36.38 0.29 0.00	36.81 0.33 0.00	34.86 0.14 0.00	36.67 0.04 0.00	39.30 0.04 0.00	39.14 -0.04 0.00	40.29 -0.12 0.00	41.11 0.00 0.00	44.58 0.04 0.00	47.54 0.19 0.00	49.03 0.39 0.00	46.89 0.33 0.00	45.31 0.49 0.00	40.20 0.51 0.00	39.06 0.39 0.00	36.16 0.32 0.00
HARDSCRABBLE_WT_PWR 323673	39.10 0.31 0.00	32.95 0.29 0.00	30.24 0.33 0.00	29.04 0.35 0.00	28.68 0.37 0.00	29.57 0.38 0.00	34.61 0.38 0.00	34.48 0.38 0.00	36.49 0.40 0.00	36.93 0.44 0.00	35.10 0.38 0.00	37.04 0.40 0.00	39.66 0.39 0.00	39.57 0.39 0.00	40.78 0.36 0.00	41.48 0.37 0.00	44.94 0.40 0.00	47.82 0.47 0.00	49.17 0.54 0.00	47.03 0.47 0.00	45.31 0.49 0.00	40.09 0.40 0.00	39.06 0.39 0.00	36.19 0.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.93 2.13 0.00	34.49 1.83 0.00	31.46 1.56 0.00	30.16 1.46 0.00	29.73 1.42 0.00	30.65 1.46 0.00	35.67 1.44 0.00	35.51 1.40 0.00	37.68 1.59 0.00	38.20 1.71 0.00	36.64 1.84 -0.09	38.83 2.05 -0.15	41.78 2.43 -0.08	40.41 2.47 1.23	41.96 2.63 1.09	42.88 2.71 0.94	46.22 3.03 1.34	50.39 3.17 0.13	51.65 3.02 0.00	49.26 2.70 0.00	47.28 2.46 0.00	41.75 2.06 0.00	40.53 1.86 0.00	37.45 1.61 0.00
HARSNRAD_115KV_TB1 81005	36.04 -2.75 0.00	30.11 -2.55 0.00	27.75 -2.15 0.00	26.40 -2.30 0.00	26.13 -2.18 0.00	27.23 -1.96 0.00	30.77 -3.46 0.00	30.56 -3.55 0.00	32.26 -3.83 0.00	32.36 -4.12 0.00	30.67 -4.03 0.02	32.33 -4.29 0.02	34.30 -4.95 0.02	34.10 -5.05 0.02	35.30 -5.09 0.02	35.17 -5.75 0.18	34.95 -6.37 3.22	37.45 -6.77 3.13	42.01 -6.61 0.02	41.02 -5.54 0.00	39.93 -4.89 0.00	35.68 -4.01 0.00	34.73 -3.94 0.00	32.93 -2.90 0.00
HARZA MOOSE___RIVER 24016	39.10 0.31 0.00	32.79 0.13 0.00	30.15 0.24 0.00	28.96 0.26 0.00	28.60 0.28 0.00	29.66 0.47 0.00	34.78 0.55 0.00	34.62 0.51 0.00	36.41 0.32 0.00	36.85 0.36 0.00	34.93 0.21 0.00	36.78 0.15 0.00	39.38 0.12 0.00	39.29 0.12 0.00	40.50 0.08 0.00	41.23 0.12 0.00	44.72 0.18 0.00	47.63 0.28 0.00	49.17 0.54 0.00	46.98 0.42 0.00	45.36 0.54 0.00	40.13 0.44 0.00	38.95 0.27 0.00	36.12 0.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.21 -0.58 0.00	32.04 -0.62 0.00	29.34 -0.57 0.00	28.13 -0.57 0.00	27.75 -0.57 0.00	28.63 -0.55 0.00	33.44 -0.79 0.00	33.29 -0.82 0.00	35.22 -0.87 0.00	35.61 -0.88 0.00	33.88 -0.83 0.00	35.75 -0.88 0.00	38.16 -1.10 0.00	38.08 -1.10 0.00	39.28 -1.13 0.00	39.87 -1.23 0.00	43.11 -1.43 0.00	45.88 -1.47 0.00	47.28 -1.36 0.00	45.31 -1.26 0.00	43.61 -1.21 0.00	38.66 -1.03 0.00	37.63 -1.04 0.00	34.98 -0.86 0.00
HELLGATE_13_KV_LD 55870	41.90 3.10 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.79 2.10 0.00	30.30 1.98 0.00	31.15 1.96 0.00	36.22 1.99 0.00	36.12 2.01 0.00	38.51 2.42 0.00	39.11 2.63 0.00	37.68 2.85 -0.11	40.01 3.19 -0.19	42.98 3.61 -0.10	43.93 3.72 -1.03	45.24 3.92 -0.91	45.88 3.99 -0.79	50.11 4.45 -1.12	51.97 4.55 -0.07	52.72 4.09 0.00	50.24 3.68 0.00	48.13 3.32 0.00	42.70 3.02 0.00	41.23 2.55 0.00	38.20 2.37 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.90 3.10 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.79 2.10 0.00	30.30 1.98 0.00	31.15 1.96 0.00	36.22 1.99 0.00	36.12 2.01 0.00	38.51 2.42 0.00	39.11 2.63 0.00	37.68 2.85 -0.11	40.01 3.19 -0.19	42.98 3.61 -0.10	43.93 3.72 -1.03	45.24 3.92 -0.91	45.88 3.99 -0.79	50.11 4.45 -1.12	51.97 4.55 -0.07	52.72 4.09 0.00	50.24 3.68 0.00	48.13 3.32 0.00	42.70 3.02 0.00	41.23 2.55 0.00	38.20 2.37 0.00
HEMPSTEAD____ 23647	41.68 2.87 -0.01	35.15 2.48 -0.01	32.10 2.18 -0.01	30.78 2.07 -0.01	30.34 2.01 -0.01	31.28 2.07 -0.01	36.11 1.88 0.00	36.19 2.08 0.00	38.48 2.38 -0.01	40.10 2.37 -1.24	45.72 2.36 -8.64	48.19 2.45 -9.10	63.16 2.86 -21.03	66.36 3.06 -24.13	66.59 3.23 -22.95	79.21 3.25 -34.85	76.94 3.78 -28.62	75.44 3.98 -24.11	69.22 3.69 -16.89	63.65 3.45 -13.65	50.63 2.96 -2.86	45.36 2.62 -3.05	41.52 2.48 -0.37	38.11 2.26 -0.01
HICKLING___1 23621	37.98 -0.81 0.00	31.81 -0.85 0.00	29.22 -0.69 0.00	27.95 -0.75 0.00	27.64 -0.68 0.00	28.61 -0.58 0.00	33.07 -1.16 0.00	32.88 -1.23 0.00	34.72 -1.37 0.00	34.99 -1.50 0.00	33.13 -1.53 0.06	34.97 -1.61 0.06	37.36 -1.85 0.06	37.24 -1.88 0.06	38.38 -1.98 0.06	39.10 -1.89 0.12	39.61 -2.18 2.74	40.80 -2.23 4.32	46.49 -2.09 0.06	44.70 -1.86 0.00	43.16 -1.66 0.00	38.30 -1.39 0.00	37.24 -1.43 0.00	34.76 -1.08 0.00
HICKLING___2 23622	37.98 -0.81 0.00	31.81 -0.85 0.00	29.22 -0.69 0.00	27.95 -0.75 0.00	27.64 -0.68 0.00	28.61 -0.58 0.00	33.07 -1.16 0.00	32.88 -1.23 0.00	34.72 -1.37 0.00	34.99 -1.50 0.00	33.13 -1.53 0.06	34.97 -1.61 0.06	37.36 -1.85 0.06	37.24 -1.88 0.06	38.38 -1.98 0.06	39.10 -1.89 0.12	39.61 -2.18 2.74	40.80 -2.23 4.32	46.49 -2.09 0.06	44.70 -1.86 0.00	43.16 -1.66 0.00	38.30 -1.39 0.00	37.24 -1.43 0.00	34.76 -1.08 0.00
HIGH FALLS___HY 23754	41.12 2.33 0.00	34.62 1.96 0.00	31.58 1.67 0.00	30.28 1.58 0.00	29.87 1.56 0.00	30.74 1.55 0.00	35.87 1.64 0.00	35.64 1.53 0.00	37.82 1.73 0.00	38.35 1.86 0.00	36.71 1.94 -0.05	38.88 2.16 -0.09	41.86 2.55 -0.05	41.58 2.59 0.18	43.04 2.79 0.16	43.89 2.92 0.14	47.68 3.34 0.20	50.20 3.50 0.65	51.44 3.36 0.55	49.15 3.07 0.48	47.69 2.87 0.00	42.03 2.34 0.00	40.84 2.17 0.00	37.74 1.90 0.00
HIGH_RIVER___SOLAR 323847	40.58 1.79 0.00	34.16 1.50 0.00	31.25 1.35 0.00	29.96 1.26 0.00	29.53 1.22 0.00	30.47 1.28 0.00	35.50 1.27 0.00	35.27 1.16 0.00	37.14 1.05 0.00	37.33 0.84 0.00	35.30 0.66 0.07	37.39 0.88 0.12	40.29 1.10 0.07	40.42 1.10 -0.15	41.80 1.25 -0.13	42.54 1.32 -0.12	46.22 1.52 -0.17	49.14 1.80 0.00	50.59 1.95 0.00	48.43 1.86 0.00	46.56 1.75 0.00	41.20 1.51 0.00	40.18 1.51 0.00	37.16 1.33 0.00
HILLBURN___GT 23639	40.93 2.13 0.00	34.48 1.83 0.00	31.49 1.58 0.00	30.16 1.46 0.00	29.76 1.44 0.00	30.68 1.49 0.00	35.67 1.44 0.00	35.54 1.43 0.00	37.75 1.66 0.00	38.24 1.75 0.00	36.72 1.91 -0.09	38.91 2.12 -0.16	41.82 2.48 -0.08	40.44 2.63 1.36	41.96 2.75 1.20	42.82 2.75 1.04	46.26 3.21 1.48	50.52 3.31 0.14	51.70 3.07 0.00	49.40 2.84 0.00	47.33 2.51 0.00	41.83 2.14 0.00	40.57 1.89 0.00	37.45 1.61 0.00
HILLSIDE_115KV_TB1 80332	37.47 -1.32 0.00	31.42 -1.24 0.00	28.83 -1.08 0.00	27.58 -1.12 0.00	27.24 -1.08 0.00	28.23 -0.96 0.00	32.66 -1.57 0.00	32.50 -1.60 0.00	34.28 -1.80 0.00	34.55 -1.93 0.00	32.79 -1.87 0.05	34.60 -1.98 0.05	37.05 -2.16 0.05	36.97 -2.15 0.05	38.14 -2.22 0.05	38.90 -2.10 0.11	39.36 -2.36 2.82	40.90 -2.46 3.99	46.16 -2.43 0.05	44.23 -2.33 0.00	42.76 -2.06 0.00	37.86 -1.83 0.00	36.82 -1.86 0.00	34.30 -1.54 0.00

HISHELDN_WT_PWR 323625	36.62 -2.17 0.00	30.60 -2.06 0.00	28.08 -1.83 0.00	26.86 -1.84 0.00	26.59 -1.73 0.00	27.56 -1.63 0.00	31.49 -2.74 0.00	31.31 -2.80 0.00	33.06 -3.03 0.00	33.31 -3.17 0.00	31.36 -3.33 0.03	33.02 -3.59 0.03	35.19 -4.04 0.03	35.07 -4.08 0.03	36.15 -4.24 0.03	36.66 -4.32 0.13	32.22 -4.99 7.33	38.24 -5.21 3.90	43.60 -5.01 0.03	42.09 -4.47 0.00	41.14 -3.67 0.00	36.43 -3.25 0.00	35.47 -3.21 0.00	33.36 -2.47 0.00
HOLTSVILLE_IC_1 23690	41.98 3.18 -0.01	35.34 2.68 -0.01	32.25 2.33 -0.01	30.89 2.18 -0.01	30.50 2.18 -0.01	31.45 2.25 -0.01	36.04 1.81 0.00	36.26 2.15 0.00	38.58 2.49 -0.01	39.83 2.52 -0.83	42.93 2.39 -5.81	45.09 2.31 -6.15	56.11 2.75 -14.10	58.67 3.02 -16.47	59.29 3.23 -15.64	67.88 3.21 -23.56	67.78 3.83 -19.41	67.48 4.07 -16.06	63.73 3.80 -11.29	59.41 3.73 -9.12	49.78 3.05 -1.91	44.50 2.78 -2.04	41.59 2.67 -0.25	38.43 2.58 -0.01
HOLTSVILLE_IC_10 23699	42.18 3.37 -0.01	35.51 2.84 -0.01	32.37 2.45 -0.01	31.00 2.30 -0.01	30.62 2.29 -0.01	31.56 2.36 -0.01	36.18 1.95 0.00	36.39 2.29 0.00	38.77 2.67 -0.01	40.06 2.74 -0.84	43.18 2.61 -5.86	45.39 2.56 -6.19	56.52 3.06 -14.20	59.09 3.33 -16.59	59.72 3.56 -15.75	68.33 3.49 -23.73	68.27 4.19 -19.54	67.98 4.45 -16.18	64.20 4.18 -11.37	59.85 4.10 -9.19	50.15 3.40 -1.92	44.84 3.10 -2.05	41.83 2.90 -0.25	38.61 2.76 -0.01
HOLTSVILLE_IC_2 23691	41.98 3.18 -0.01	35.34 2.68 -0.01	32.25 2.33 -0.01	30.89 2.18 -0.01	30.50 2.18 -0.01	31.45 2.25 -0.01	36.04 1.81 0.00	36.26 2.15 0.00	38.58 2.49 -0.01	39.83 2.52 -0.83	42.93 2.39 -5.81	45.09 2.31 -6.15	56.11 2.75 -14.10	58.67 3.02 -16.47	59.29 3.23 -15.64	67.88 3.21 -23.56	67.78 3.83 -19.41	67.48 4.07 -16.06	63.73 3.80 -11.29	59.41 3.73 -9.12	49.78 3.05 -1.91	44.50 2.78 -2.04	41.59 2.67 -0.25	38.43 2.58 -0.01
HOLTSVILLE_IC_3 23692	41.98 3.18 -0.01	35.34 2.68 -0.01	32.25 2.33 -0.01	30.89 2.18 -0.01	30.50 2.18 -0.01	31.45 2.25 -0.01	36.04 1.81 0.00	36.26 2.15 0.00	38.58 2.49 -0.01	39.83 2.52 -0.83	42.93 2.39 -5.81	45.09 2.31 -6.15	56.11 2.75 -14.10	58.67 3.02 -16.47	59.29 3.23 -15.64	67.88 3.21 -23.56	67.78 3.83 -19.41	67.48 4.07 -16.06	63.73 3.80 -11.29	59.41 3.73 -9.12	49.78 3.05 -1.91	44.50 2.78 -2.04	41.59 2.67 -0.25	38.43 2.58 -0.01
HOLTSVILLE_IC_4 23693	41.98 3.18 -0.01	35.34 2.68 -0.01	32.25 2.33 -0.01	30.89 2.18 -0.01	30.50 2.18 -0.01	31.45 2.25 -0.01	36.04 1.81 0.00	36.26 2.15 0.00	38.58 2.49 -0.01	39.83 2.52 -0.83	42.93 2.39 -5.81	45.09 2.31 -6.15	56.11 2.75 -14.10	58.67 3.02 -16.47	59.29 3.23 -15.64	67.88 3.21 -23.56	67.78 3.83 -19.41	67.48 4.07 -16.06	63.73 3.80 -11.29	59.41 3.73 -9.12	49.78 3.05 -1.91	44.50 2.78 -2.04	41.59 2.67 -0.25	38.43 2.58 -0.01
HOLTSVILLE_IC_5 23694	41.98 3.18 -0.01	35.34 2.68 -0.01	32.25 2.33 -0.01	30.89 2.18 -0.01	30.50 2.18 -0.01	31.45 2.25 -0.01	36.04 1.81 0.00	36.26 2.15 0.00	38.58 2.49 -0.01	39.83 2.52 -0.83	42.93 2.39 -5.81	45.09 2.31 -6.15	56.11 2.75 -14.10	58.67 3.02 -16.47	59.29 3.23 -15.64	67.88 3.21 -23.56	67.78 3.83 -19.41	67.48 4.07 -16.06	63.73 3.80 -11.29	59.41 3.73 -9.12	49.78 3.05 -1.91	44.50 2.78 -2.04	41.59 2.67 -0.25	38.43 2.58 -0.01
HOLTSVILLE_IC_6 23695	42.18 3.37 -0.01	35.51 2.84 -0.01	32.37 2.45 -0.01	31.00 2.30 -0.01	30.62 2.29 -0.01	31.56 2.36 -0.01	36.18 1.95 0.00	36.39 2.29 0.00	38.77 2.67 -0.01	40.06 2.74 -0.84	43.18 2.61 -5.86	45.39 2.56 -6.19	56.52 3.06 -14.20	59.09 3.33 -16.59	59.72 3.56 -15.75	68.33 3.49 -23.73	68.27 4.19 -19.54	67.98 4.45 -16.18	64.20 4.18 -11.37	59.85 4.10 -9.19	50.15 3.40 -1.92	44.84 3.10 -2.05	41.83 2.90 -0.25	38.61 2.76 -0.01
HOLTSVILLE_IC_7 23696	42.18 3.37 -0.01	35.51 2.84 -0.01	32.37 2.45 -0.01	31.00 2.30 -0.01	30.62 2.29 -0.01	31.56 2.36 -0.01	36.18 1.95 0.00	36.39 2.29 0.00	38.77 2.67 -0.01	40.06 2.74 -0.84	43.18 2.61 -5.86	45.39 2.56 -6.19	56.52 3.06 -14.20	59.09 3.33 -16.59	59.72 3.56 -15.75	68.33 3.49 -23.73	68.27 4.19 -19.54	67.98 4.45 -16.18	64.20 4.18 -11.37	59.85 4.10 -9.19	50.15 3.40 -1.92	44.84 3.10 -2.05	41.83 2.90 -0.25	38.61 2.76 -0.01
HOLTSVILLE_IC_8 23697	42.18 3.37 -0.01	35.51 2.84 -0.01	32.37 2.45 -0.01	31.00 2.30 -0.01	30.62 2.29 -0.01	31.56 2.36 -0.01	36.18 1.95 0.00	36.39 2.29 0.00	38.77 2.67 -0.01	40.06 2.74 -0.84	43.18 2.61 -5.86	45.39 2.56 -6.19	56.52 3.06 -14.20	59.09 3.33 -16.59	59.72 3.56 -15.75	68.33 3.49 -23.73	68.27 4.19 -19.54	67.98 4.45 -16.18	64.20 4.18 -11.37	59.85 4.10 -9.19	50.15 3.40 -1.92	44.84 3.10 -2.05	41.83 2.90 -0.25	38.61 2.76 -0.01
HOLTSVILLE_IC_9 23698	42.18 3.37 -0.01	35.51 2.84 -0.01	32.37 2.45 -0.01	31.00 2.30 -0.01	30.62 2.29 -0.01	31.56 2.36 -0.01	36.18 1.95 0.00	36.39 2.29 0.00	38.77 2.67 -0.01	40.06 2.74 -0.84	43.18 2.61 -5.86	45.39 2.56 -6.19	56.52 3.06 -14.20	59.09 3.33 -16.59	59.72 3.56 -15.75	68.33 3.49 -23.73	68.27 4.19 -19.54	67.98 4.45 -16.18	64.20 4.18 -11.37	59.85 4.10 -9.19	50.15 3.40 -1.92	44.84 3.10 -2.05	41.83 2.90 -0.25	38.61 2.76 -0.01
HOMER_HL_115KV_TB2 355744	36.16 -2.64 0.00	30.27 -2.38 0.00	27.87 -2.03 0.00	26.58 -2.12 0.00	26.30 -2.01 0.00	27.32 -1.87 0.00	31.29 -2.94 0.00	31.04 -3.07 0.00	32.70 -3.39 0.00	32.87 -3.61 0.00	31.15 -3.54 0.03	33.05 -3.55 0.03	35.74 -3.49 0.03	35.86 -3.29 0.03	36.71 -3.68 0.03	38.06 -2.92 0.13	38.66 -3.25 2.62	40.75 -3.41 3.19	44.62 -3.99 0.03	42.05 -4.52 0.00	40.87 -3.94 0.00	36.28 -3.41 0.00	35.19 -3.48 0.00	33.01 -2.83 0.00
HOWARD_WT_PWR 323690	37.59 -1.20 0.00	31.55 -1.11 0.00	28.98 -0.93 0.00	27.75 -0.95 0.00	27.49 -0.82 0.00	28.49 -0.70 0.00	32.86 -1.37 0.00	32.68 -1.43 0.00	34.54 -1.55 0.00	34.77 -1.71 0.00	32.75 -1.91 0.05	34.45 -2.13 0.05	36.74 -2.47 0.05	36.61 -2.51 0.05	37.73 -2.63 0.05	38.43 -2.55 0.13	43.62 -2.98 -2.07	40.80 -2.98 3.56	45.81 -2.77 0.05	44.19 -2.37 0.00	42.94 -1.88 0.00	37.98 -1.71 0.00	36.90 -1.78 0.00	34.51 -1.33 0.00
HQ_GEN_CEDARS 23644	38.52 -0.27 0.00	32.53 -0.13 0.00	29.85 -0.06 0.00	28.70 0.00 0.00	28.34 0.03 0.00	29.22 0.03 0.00	34.61 0.38 0.00	34.55 0.44 0.00	36.48 0.40 0.00	36.92 0.44 0.00	35.06 0.35 0.00	36.96 0.33 0.00	39.62 0.35 0.00	39.41 0.24 0.00	40.58 0.16 0.00	41.39 0.29 0.00	44.89 0.36 0.00	47.73 0.38 0.00	49.13 0.49 0.00	47.03 0.47 0.00	45.45 0.63 0.00	40.28 0.60 0.00	39.29 0.62 0.00	36.41 0.57 0.00
HQ_GEN_CEDARS_PROXY 323590	38.52 -0.27 0.00	32.53 -0.13 0.00	29.85 -0.06 0.00	28.70 0.00 0.00	28.34 0.03 0.00	29.22 0.03 0.00	34.61 0.38 0.00	34.55 0.44 0.00	37.84 0.40 -1.36	35.57 0.44 1.36	35.06 0.35 0.00	36.96 0.33 0.00	39.62 0.35 0.00	39.41 0.24 0.00	40.62 0.24 0.00	41.40 0.29 0.00	44.89 0.35 0.00	47.73 0.38 0.00	49.08 0.44 0.00	46.98 0.42 0.00	45.36 0.54 0.00	41.58 0.60 -1.30	37.99 0.62 1.30	36.41 0.57 0.00

HQ_GEN_IMPORT 323601	38.48 -0.31 0.00	32.43 -0.23 0.00	29.73 -0.18 0.00	28.56 -0.14 0.00	28.20 -0.11 0.00	29.00 -0.15 0.04	34.41 0.14 -0.04	34.24 0.14 0.00	37.55 0.11 -1.36	35.28 0.15 1.36	34.82 0.10 0.00	36.71 0.07 0.00	39.34 0.08 0.00	39.21 0.04 0.00	40.46 0.04 0.00	41.19 0.08 0.00	44.63 0.09 0.00	47.44 0.09 0.00	48.74 0.10 0.00	46.66 0.09 0.00	44.95 0.13 0.00	41.19 0.20 -1.30	37.57 0.19 1.30	36.02 0.18 0.00
HQ_GEN_WHEEL 23651	38.48 -0.31 0.00	32.43 -0.23 0.00	29.73 -0.18 0.00	28.56 -0.14 0.00	28.20 -0.11 0.00	29.00 -0.15 0.04	34.41 0.14 -0.04	34.24 0.14 0.00	37.55 0.11 -1.36	35.28 0.15 1.36	34.82 0.10 0.00	36.71 0.07 0.00	39.34 0.08 0.00	39.21 0.04 0.00	40.46 0.04 0.00	41.19 0.08 0.00	44.63 0.09 0.00	47.44 0.09 0.00	48.74 0.10 0.00	46.66 0.09 0.00	44.95 0.13 0.00	41.19 0.20 -1.30	37.57 0.19 1.30	36.02 0.18 0.00
HUDSON AVE_GT_3 23810	41.63 2.83 0.00	35.07 2.42 0.00	31.94 2.03 0.00	30.59 1.89 0.00	30.16 1.84 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.09 1.98 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.47 2.64 -0.11	39.75 2.93 -0.19	42.70 3.34 -0.10	43.62 3.41 -1.03	44.92 3.60 -0.91	45.59 3.70 -0.79	49.80 4.14 -1.12	51.78 4.36 -0.07	52.68 4.04 0.00	50.19 3.63 0.00	48.04 3.23 0.00	42.51 2.82 0.00	41.15 2.48 0.00	38.02 2.19 0.00
HUDSON AVE_GT_4 23540	41.63 2.83 0.00	35.07 2.42 0.00	31.94 2.03 0.00	30.59 1.89 0.00	30.16 1.84 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.09 1.98 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.47 2.64 -0.11	39.75 2.93 -0.19	42.70 3.34 -0.10	43.62 3.41 -1.03	44.92 3.60 -0.91	45.59 3.70 -0.79	49.80 4.14 -1.12	51.78 4.36 -0.07	52.68 4.04 0.00	50.19 3.63 0.00	48.04 3.23 0.00	42.51 2.82 0.00	41.15 2.48 0.00	38.02 2.19 0.00
HUDSON AVE_GT_5 23657	41.63 2.83 0.00	35.07 2.42 0.00	31.94 2.03 0.00	30.59 1.89 0.00	30.16 1.84 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.09 1.98 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.47 2.64 -0.11	39.75 2.93 -0.19	42.70 3.34 -0.10	43.62 3.41 -1.03	44.92 3.60 -0.91	45.59 3.70 -0.79	49.80 4.14 -1.12	51.78 4.36 -0.07	52.68 4.04 0.00	50.19 3.63 0.00	48.04 3.23 0.00	42.51 2.82 0.00	41.15 2.48 0.00	38.02 2.19 0.00
HUDSON_AVE_10 24168	41.51 2.72 0.00	34.98 2.32 0.00	31.85 1.94 0.00	30.51 1.81 0.00	30.07 1.76 0.00	31.00 1.81 0.00	36.08 1.85 0.00	35.98 1.88 0.00	38.33 2.24 0.00	38.89 2.41 0.00	37.36 2.53 -0.11	39.64 2.82 -0.19	42.59 3.22 -0.10	43.50 3.29 -1.03	44.84 3.52 -0.91	45.51 3.62 -0.79	49.77 4.05 -1.18	51.68 4.21 -0.12	52.53 3.89 0.00	50.06 3.49 0.00	47.91 3.09 0.00	42.43 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00
HUDSON___115KV_TB 4 355613	40.66 1.86 0.00	34.26 1.60 0.00	31.34 1.44 0.00	30.11 1.41 0.00	29.67 1.36 0.00	30.56 1.37 0.00	35.53 1.30 0.00	35.30 1.19 0.00	37.28 1.19 0.00	37.54 1.06 0.00	35.63 0.97 0.06	37.52 0.99 0.10	40.27 1.06 0.05	40.38 1.06 -0.14	41.75 1.21 -0.13	42.53 1.32 -0.11	46.25 1.56 -0.16	44.46 1.99 4.87	46.23 1.99 4.40	44.54 1.82 3.84	46.39 1.57 0.00	40.96 1.27 0.00	39.95 1.28 0.00	36.91 1.08 0.00
HUNTER MOUNT___DRP 323613	40.85 2.06 0.00	34.39 1.73 0.00	31.49 1.59 0.00	30.25 1.55 0.00	29.82 1.50 0.00	30.68 1.49 0.00	35.67 1.44 0.00	35.40 1.30 0.00	37.35 1.26 0.00	37.58 1.09 0.00	35.83 1.15 0.04	37.74 1.17 0.06	40.45 1.22 0.03	40.41 1.14 -0.10	41.76 1.25 -0.09	42.58 1.40 -0.08	46.29 1.65 -0.11	45.78 2.27 3.85	47.51 2.33 3.46	45.69 2.14 3.01	46.57 1.75 0.00	41.08 1.39 0.00	40.14 1.47 0.00	37.09 1.25 0.00
HUNTINGTON_RES_REC 323705	41.98 3.18 -0.01	35.38 2.71 -0.01	32.28 2.36 -0.01	30.92 2.21 -0.01	30.53 2.21 -0.01	31.48 2.28 -0.01	36.15 1.92 0.00	36.32 2.22 0.00	38.70 2.60 -0.01	39.95 2.63 -0.84	43.06 2.47 -5.88	45.20 2.35 -6.22	56.35 2.83 -14.25	58.92 3.09 -16.65	59.54 3.31 -15.81	68.17 3.25 -23.82	68.03 3.87 -19.61	67.71 4.12 -16.24	63.90 3.84 -11.42	59.52 3.73 -9.23	49.80 3.05 -1.93	44.57 2.82 -2.06	41.67 2.75 -0.25	38.46 2.61 -0.01
HUNTLEY___63 23557	36.23 -2.56 0.00	30.14 -2.51 0.00	27.78 -2.12 0.00	26.63 -2.07 0.00	26.36 -1.95 0.00	27.26 -1.93 0.00	30.91 -3.32 0.00	30.70 -3.41 0.00	32.41 -3.68 0.00	32.55 -3.94 0.00	30.84 -3.85 0.02	32.51 -4.10 0.02	34.49 -4.75 0.02	34.38 -4.78 0.02	35.55 -4.85 0.02	35.50 -5.47 0.14	35.28 -5.88 3.37	37.74 -6.44 3.17	42.30 -6.32 0.02	41.21 -5.35 0.00	40.07 -4.75 0.00	35.84 -3.85 0.00	34.88 -3.79 0.00	32.97 -2.87 0.00
HUNTLEY___64 23558	36.23 -2.56 0.00	30.14 -2.51 0.00	27.78 -2.12 0.00	26.63 -2.07 0.00	26.36 -1.95 0.00	27.26 -1.93 0.00	30.91 -3.32 0.00	30.70 -3.41 0.00	32.41 -3.68 0.00	32.55 -3.94 0.00	30.84 -3.85 0.02	32.51 -4.10 0.02	34.49 -4.75 0.02	34.38 -4.78 0.02	35.55 -4.85 0.02	35.50 -5.47 0.14	35.28 -5.88 3.37	37.74 -6.44 3.17	42.30 -6.32 0.02	41.21 -5.35 0.00	40.07 -4.75 0.00	35.84 -3.85 0.00	34.88 -3.79 0.00	32.97 -2.87 0.00
HUNTLEY___65 23559	36.23 -2.56 0.00	30.14 -2.51 0.00	27.78 -2.12 0.00	26.63 -2.07 0.00	26.36 -1.95 0.00	27.26 -1.93 0.00	30.91 -3.32 0.00	30.70 -3.41 0.00	32.41 -3.68 0.00	32.55 -3.94 0.00	30.84 -3.85 0.02	32.51 -4.10 0.02	34.49 -4.75 0.02	34.38 -4.78 0.02	35.55 -4.85 0.02	35.50 -5.47 0.14	35.28 -5.88 3.37	37.74 -6.44 3.17	42.30 -6.32 0.02	41.21 -5.35 0.00	40.07 -4.75 0.00	35.84 -3.85 0.00	34.88 -3.79 0.00	32.97 -2.87 0.00
HUNTLEY___66 23560	36.23 -2.56 0.00	30.14 -2.51 0.00	27.78 -2.12 0.00	26.63 -2.07 0.00	26.36 -1.95 0.00	27.26 -1.93 0.00	30.91 -3.32 0.00	30.70 -3.41 0.00	32.41 -3.68 0.00	32.55 -3.94 0.00	30.84 -3.85 0.02	32.51 -4.10 0.02	34.49 -4.75 0.02	34.38 -4.78 0.02	35.55 -4.85 0.02	35.50 -5.47 0.14	35.28 -5.88 3.37	37.74 -6.44 3.17	42.30 -6.32 0.02	41.21 -5.35 0.00	40.07 -4.75 0.00	35.84 -3.85 0.00	34.88 -3.79 0.00	32.97 -2.87 0.00
HUNTLEY___67 23561	36.12 -2.68 0.00	30.08 -2.58 0.00	27.69 -2.21 0.00	26.52 -2.18 0.00	26.22 -2.10 0.00	27.18 -2.01 0.00	30.88 -3.35 0.00	30.70 -3.41 0.00	32.37 -3.72 0.00	32.51 -3.98 0.00	30.81 -3.89 0.02	32.47 -4.14 0.02	34.49 -4.75 0.02	34.37 -4.78 0.02	35.54 -4.85 0.02	35.54 -5.43 0.14	34.95 -5.97 3.62	37.73 -6.39 3.23	42.39 -6.23 0.02	41.21 -5.35 0.00	40.11 -4.71 0.00	35.80 -3.89 0.00	34.85 -3.83 0.00	32.90 -2.94 0.00
HUNTLEY___68 23562	36.12 -2.68 0.00	30.08 -2.58 0.00	27.69 -2.21 0.00	26.52 -2.18 0.00	26.22 -2.10 0.00	27.18 -2.01 0.00	30.88 -3.35 0.00	30.70 -3.41 0.00	32.37 -3.72 0.00	32.51 -3.98 0.00	30.81 -3.89 0.02	32.47 -4.14 0.02	34.49 -4.75 0.02	34.37 -4.78 0.02	35.54 -4.85 0.02	35.54 -5.43 0.14	34.95 -5.97 3.62	37.73 -6.39 3.23	42.39 -6.23 0.02	41.21 -5.35 0.00	40.11 -4.71 0.00	35.80 -3.89 0.00	34.85 -3.83 0.00	32.90 -2.94 0.00



HYLAND___LFGE 323620	39.18 0.39 0.00	32.79 0.13 0.00	30.06 0.15 0.00	28.73 0.03 0.00	28.37 0.06 0.00	29.42 0.23 0.00	33.92 -0.31 0.00	33.70 -0.41 0.00	35.47 -0.61 0.00	35.46 -1.02 0.00	33.20 -1.49 0.03	34.77 -1.83 0.03	37.07 -2.16 0.03	36.87 -2.27 0.03	38.08 -2.30 0.03	38.87 -2.18 0.06	46.65 -2.41 -4.51	43.90 -2.08 1.37	47.54 -1.07 0.03	45.91 -0.65 0.00	44.68 -0.13 0.00	39.45 -0.24 0.00	38.36 -0.31 0.00	35.77 -0.07 0.00
INDECK___CORINTH 23802	41.62 2.83 0.00	35.04 2.38 0.00	32.03 2.12 0.00	30.74 2.04 0.00	30.27 1.95 0.00	31.23 2.04 0.00	36.32 2.09 0.00	36.15 2.05 0.00	38.22 2.13 0.00	38.64 2.15 0.00	36.42 1.80 0.10	38.48 2.01 0.17	41.25 2.08 0.09	40.33 0.98 -0.18	41.70 1.13 -0.15	42.27 1.03 -0.13	45.75 1.03 -0.19	52.96 1.66 -3.95	53.89 1.70 -3.55	51.33 1.67 -3.09	46.43 1.61 0.00	41.16 1.47 0.00	41.15 2.48 0.00	37.99 2.15 0.00
INDECK___ILION 23567	39.10 0.31 0.00	32.95 0.29 0.00	30.18 0.27 0.00	28.99 0.29 0.00	28.60 0.28 0.00	29.48 0.29 0.00	34.50 0.27 0.00	34.38 0.27 0.00	36.38 0.29 0.00	36.81 0.33 0.00	35.00 0.28 0.00	36.96 0.33 0.00	39.58 0.31 0.00	39.53 0.35 0.00	40.74 0.32 0.00	41.44 0.33 0.00	44.89 0.36 0.00	47.73 0.38 0.00	49.08 0.44 0.00	46.94 0.37 0.00	45.18 0.36 0.00	40.01 0.32 0.00	38.95 0.27 0.00	36.09 0.25 0.00
INDECK___OLEAN 23982	36.27 -2.52 0.00	30.37 -2.29 0.00	27.87 -2.03 0.00	26.58 -2.12 0.00	26.31 -2.01 0.00	27.32 -1.87 0.00	31.29 -2.94 0.00	31.07 -3.04 0.00	32.77 -3.32 0.00	32.98 -3.50 0.00	31.19 -3.51 0.03	33.20 -3.41 0.03	35.66 -3.57 0.03	35.78 -3.37 0.03	36.75 -3.64 0.03	37.81 -3.16 0.13	38.67 -3.25 2.62	40.75 -3.41 3.19	43.85 -4.76 0.03	42.05 -4.52 0.00	41.05 -3.76 0.00	36.28 -3.41 0.00	35.19 -3.48 0.00	33.00 -2.83 0.00
INDECK___OSWEGO 23783	37.90 -0.89 0.00	31.78 -0.88 0.00	29.10 -0.81 0.00	27.90 -0.80 0.00	27.52 -0.79 0.00	28.40 -0.79 0.00	33.20 -1.03 0.00	33.05 -1.06 0.00	34.97 -1.12 0.00	35.35 -1.13 0.00	33.61 -1.11 0.00	35.43 -1.21 0.00	37.93 -1.34 0.00	37.80 -1.37 0.00	38.96 -1.45 0.00	39.63 -1.48 0.00	42.85 -1.69 0.00	45.60 -1.75 0.00	46.98 -1.65 0.00	45.03 -1.54 0.00	43.34 -1.48 0.00	38.38 -1.31 0.00	37.40 -1.28 0.00	34.69 -1.15 0.00
INDECK___YERKES 23781	36.35 -2.44 0.00	30.34 -2.32 0.00	27.81 -2.09 0.00	26.63 -2.07 0.00	26.39 -1.93 0.00	27.35 -1.84 0.00	30.94 -3.29 0.00	30.77 -3.34 0.00	32.55 -3.54 0.00	32.80 -3.68 0.00	30.88 -3.82 0.02	32.44 -4.18 0.02	34.53 -4.71 0.02	34.41 -4.74 0.02	35.42 -4.97 0.02	35.86 -5.10 0.14	35.33 -5.83 3.37	37.79 -6.39 3.17	42.63 -5.98 0.02	41.25 -5.31 0.00	40.47 -4.35 0.00	35.84 -3.85 0.00	34.92 -3.75 0.00	33.00 -2.83 0.00
INDIAN POINT_GT_1 24139	41.08 2.29 0.00	34.62 1.96 0.00	31.58 1.67 0.00	30.25 1.55 0.00	29.84 1.53 0.00	30.74 1.55 0.00	35.77 1.54 0.00	35.64 1.53 0.00	37.89 1.80 0.00	38.38 1.90 0.00	36.87 2.05 -0.11	39.09 2.27 -0.18	41.99 2.63 -0.10	43.04 2.74 -1.13	44.32 2.91 -0.99	45.01 3.04 -0.86	49.15 3.38 -1.23	50.98 3.55 -0.08	51.99 3.36 0.00	49.54 2.98 0.00	47.46 2.64 0.00	41.95 2.26 0.00	40.69 2.01 0.00	37.56 1.72 0.00
INDIAN POINT_GT_2 23659	41.08 2.29 0.00	34.62 1.96 0.00	31.58 1.67 0.00	30.25 1.55 0.00	29.84 1.53 0.00	30.74 1.55 0.00	35.77 1.54 0.00	35.64 1.53 0.00	37.89 1.80 0.00	38.38 1.90 0.00	36.87 2.05 -0.11	39.09 2.27 -0.18	41.99 2.63 -0.10	43.04 2.74 -1.13	44.32 2.91 -0.99	45.01 3.04 -0.86	49.15 3.38 -1.23	50.98 3.55 -0.08	51.99 3.36 0.00	49.54 2.98 0.00	47.46 2.64 0.00	41.95 2.26 0.00	40.69 2.01 0.00	37.56 1.72 0.00
INDIAN POINT_GT_3 24019	41.08 2.29 0.00	34.62 1.96 0.00	31.58 1.67 0.00	30.25 1.55 0.00	29.84 1.53 0.00	30.74 1.55 0.00	35.77 1.54 0.00	35.64 1.53 0.00	37.89 1.80 0.00	38.38 1.90 0.00	36.87 2.05 -0.11	39.09 2.27 -0.18	41.99 2.63 -0.10	43.04 2.74 -1.13	44.32 2.91 -0.99	45.01 3.04 -0.86	49.15 3.38 -1.23	50.98 3.55 -0.08	51.99 3.36 0.00	49.54 2.98 0.00	47.46 2.64 0.00	41.95 2.26 0.00	40.69 2.01 0.00	37.56 1.72 0.00
INDIAN POINT___2 23530	40.96 2.17 0.00	34.55 1.89 0.00	31.52 1.61 0.00	30.22 1.52 0.00	29.79 1.47 0.00	30.71 1.52 0.00	35.70 1.47 0.00	35.57 1.47 0.00	37.82 1.73 0.00	38.27 1.79 0.00	36.80 1.98 -0.10	38.97 2.16 -0.17	41.87 2.52 -0.09	43.23 2.67 -1.39	44.47 2.83 -1.23	45.00 2.83 -1.06	49.30 3.25 -1.52	50.86 3.41 -0.10	51.80 3.16 0.00	49.45 2.89 0.00	47.37 2.55 0.00	41.87 2.18 0.00	40.61 1.93 0.00	37.49 1.65 0.00
INDIAN POINT___3 23531	41.04 2.25 0.00	34.58 1.93 0.00	31.55 1.64 0.00	30.25 1.55 0.00	29.82 1.50 0.00	30.74 1.55 0.00	35.74 1.51 0.00	35.61 1.50 0.00	37.82 1.73 0.00	38.35 1.86 0.00	36.80 1.98 -0.11	39.01 2.20 -0.18	41.91 2.55 -0.10	42.99 2.66 -1.15	44.25 2.83 -1.01	44.90 2.92 -0.88	49.08 3.30 -1.25	50.89 3.46 -0.08	51.90 3.26 0.00	49.45 2.89 0.00	47.37 2.55 0.00	41.87 2.18 0.00	40.65 1.97 0.00	37.52 1.68 0.00
INGHAM_C_115KV_TB7 356103	39.18 0.39 0.00	33.02 0.36 0.00	30.27 0.36 0.00	29.07 0.37 0.00	28.71 0.40 0.00	29.63 0.44 0.00	34.64 0.41 0.00	34.52 0.41 0.00	36.52 0.43 0.00	36.96 0.47 0.00	35.13 0.42 0.00	37.07 0.44 0.00	39.73 0.47 0.00	39.61 0.43 0.00	40.82 0.40 0.00	41.52 0.41 0.00	44.98 0.45 0.00	47.87 0.52 0.00	49.27 0.63 0.00	47.08 0.51 0.00	45.36 0.54 0.00	40.16 0.48 0.00	39.10 0.43 0.00	36.23 0.39 0.00
IP CORINTH___1 23988	41.63 2.83 0.00	35.04 2.38 0.00	32.03 2.12 0.00	30.74 2.04 0.00	30.27 1.95 0.00	31.23 2.04 0.00	36.32 2.09 0.00	36.15 2.05 0.00	38.22 2.13 0.00	38.67 2.19 0.00	36.42 1.81 0.10	38.44 1.98 0.17	41.25 2.08 0.09	41.43 2.08 -0.18	41.86 1.29 -0.15	42.47 1.23 -0.13	45.98 1.25 -0.19	53.19 1.89 -3.95	54.18 1.99 -3.55	51.56 1.91 -3.09	46.66 1.84 0.00	41.36 1.67 0.00	41.15 2.48 0.00	37.99 2.15 0.00
IP___TICONDEROGA 23804	43.14 4.34 0.00	36.28 3.62 0.00	33.14 3.23 0.00	31.83 3.13 0.00	31.29 2.97 0.00	32.34 3.15 0.00	37.52 3.29 0.00	37.28 3.17 0.00	39.37 3.28 0.00	39.92 3.43 0.00	37.67 3.06 0.10	39.79 3.33 0.17	42.58 3.42 0.09	42.72 3.37 -0.18	43.28 2.71 -0.16	43.91 2.67 -0.14	47.54 2.81 -0.19	55.46 3.74 -4.38	56.61 4.04 -3.93	53.85 3.86 -3.42	48.58 3.76 0.00	43.02 3.33 0.00	42.62 3.94 0.00	39.21 3.37 0.00
ISLIP_RES_REC 323679	42.37 3.57 -0.01	35.67 3.00 -0.01	32.52 2.60 -0.01	31.15 2.44 -0.01	30.76 2.44 -0.01	31.71 2.51 -0.01	36.32 2.09 0.00	36.53 2.42 0.00	38.95 2.85 -0.01	40.25 2.92 -0.84	43.41 2.81 -5.88	45.67 2.82 -6.22	56.86 3.34 -14.26	59.44 3.60 -16.66	60.07 3.84 -15.82	68.76 3.82 -23.83	68.71 4.55 -19.63	68.43 4.83 -16.25	64.64 4.57 -11.43	60.27 4.47 -9.23	50.47 3.72 -1.93	45.09 3.33 -2.06	42.02 3.10 -0.25	38.78 2.94 -0.01

JAMAICA__27_KV_LOAD 355505	41.70 2.91 0.00	35.14 2.48 0.00	32.00 2.09 0.00	30.62 1.92 0.00	30.18 1.87 0.00	31.12 1.93 0.00	36.25 2.02 0.00	36.19 2.08 0.00	38.54 2.45 0.00	39.11 2.63 0.00	37.57 2.74 -0.11	39.86 3.04 -0.19	42.82 3.46 -0.10	43.69 3.49 -1.03	45.08 3.76 -0.91	45.76 3.86 -0.79	50.10 4.36 -1.20	52.03 4.55 -0.13	52.82 4.18 0.00	50.29 3.73 0.00	48.18 3.36 0.00	42.70 3.02 0.00	41.30 2.63 0.00	38.13 2.29 0.00
JANIS__SOLAR 323808	39.76 0.97 0.00	33.31 0.65 0.00	30.60 0.69 0.00	29.30 0.60 0.00	28.91 0.60 0.00	29.86 0.67 0.00	34.85 0.62 0.00	34.69 0.58 0.00	36.63 0.54 0.00	37.03 0.55 0.00	35.15 0.38 -0.05	37.09 0.40 -0.05	39.63 0.31 -0.05	39.50 0.28 -0.05	40.63 0.16 -0.05	41.43 0.25 -0.08	48.68 0.22 -3.92	51.42 0.43 -3.64	49.47 0.78 -0.05	47.40 0.84 0.00	45.80 0.98 0.00	40.48 0.79 0.00	39.29 0.62 0.00	36.52 0.68 0.00
JARVIS____ 23743	39.03 0.23 0.00	32.85 0.20 0.00	30.09 0.18 0.00	28.87 0.17 0.00	28.46 0.14 0.00	29.37 0.18 0.00	34.33 0.10 0.00	34.21 0.10 0.00	36.20 0.11 0.00	36.60 0.11 0.00	34.82 0.10 0.00	36.74 0.11 0.00	39.42 0.16 0.00	39.33 0.16 0.00	40.58 0.16 0.00	41.27 0.17 0.00	44.72 0.18 0.00	47.54 0.19 0.00	48.83 0.20 0.00	46.75 0.19 0.00	44.95 0.13 0.00	39.81 0.12 0.00	38.79 0.12 0.00	35.91 0.07 0.00
JENNISON____1 23625	40.03 1.24 0.00	33.57 0.91 0.00	30.84 0.93 0.00	29.53 0.83 0.00	29.14 0.82 0.00	30.07 0.88 0.00	35.05 0.82 0.00	34.86 0.75 0.00	36.92 0.83 0.00	37.43 0.95 0.00	35.56 0.83 -0.01	37.60 0.95 -0.01	40.25 0.98 -0.01	40.13 0.94 -0.01	41.27 0.85 -0.01	41.99 0.86 -0.02	46.10 0.85 -0.72	48.99 0.99 -0.65	49.91 1.26 -0.01	47.73 1.16 0.00	46.07 1.25 0.00	40.80 1.11 0.00	39.56 0.89 0.00	36.73 0.90 0.00
JENNISON____2 23626	40.03 1.24 0.00	33.57 0.91 0.00	30.84 0.93 0.00	29.53 0.83 0.00	29.14 0.82 0.00	30.07 0.88 0.00	35.05 0.82 0.00	34.86 0.75 0.00	36.92 0.83 0.00	37.43 0.95 0.00	35.56 0.83 -0.01	37.60 0.95 -0.01	40.25 0.98 -0.01	40.13 0.94 -0.01	41.27 0.85 -0.01	41.99 0.86 -0.02	46.10 0.85 -0.72	48.99 0.99 -0.65	49.91 1.26 -0.01	47.73 1.16 0.00	46.07 1.25 0.00	40.80 1.11 0.00	39.56 0.89 0.00	36.73 0.90 0.00
JERICOHO_RISE_WT_PWR 323719	37.59 -1.20 0.00	31.97 -0.69 0.00	29.52 -0.39 0.00	28.56 -0.14 0.00	28.26 -0.06 0.00	29.16 -0.03 0.00	34.64 0.41 0.00	34.55 0.44 0.00	36.52 0.43 0.00	37.00 0.51 0.00	35.17 0.45 0.00	37.07 0.44 0.00	39.74 0.47 0.00	39.45 0.28 0.00	40.62 0.20 0.00	41.43 0.33 0.00	44.98 0.45 0.00	47.54 0.19 0.00	48.79 0.15 0.00	46.75 0.19 0.00	45.31 0.49 0.00	40.52 0.83 0.00	39.45 0.77 0.00	36.55 0.72 0.00
KATONAH__115KV_46KV_TB4 355592	41.35 2.56 0.00	34.85 2.19 0.00	31.79 1.88 0.00	30.48 1.78 0.00	30.04 1.73 0.00	30.94 1.75 0.00	35.98 1.75 0.00	35.88 1.77 0.00	38.14 2.06 0.00	38.67 2.19 0.00	37.16 2.33 -0.11	39.43 2.60 -0.19	42.39 3.02 -0.10	43.10 3.13 -0.80	44.47 3.35 -0.70	45.21 3.49 -0.61	49.28 3.87 -0.87	51.47 4.07 -0.05	52.43 3.79 0.00	49.96 3.40 0.00	47.78 2.96 0.00	42.23 2.54 0.00	40.96 2.28 0.00	37.81 1.97 0.00
KCE_NY_1 323755	41.20 2.41 0.00	34.68 2.03 0.00	31.73 1.82 0.00	30.45 1.75 0.00	29.99 1.67 0.00	30.94 1.75 0.00	35.98 1.74 0.00	35.81 1.70 0.00	37.82 1.73 0.00	38.20 1.72 0.00	36.21 1.60 0.11	38.21 1.76 0.18	41.05 1.88 0.10	41.04 1.68 -0.18	42.43 1.86 -0.16	43.05 1.81 -0.14	46.69 1.96 -0.20	54.64 2.32 -4.97	55.44 2.33 -4.47	52.69 2.23 -3.89	46.92 2.11 0.00	41.55 1.87 0.00	40.72 2.05 0.00	37.59 1.76 0.00
KCE_NY_6_ESR 323823	36.54 -2.25 0.00	30.50 -2.16 0.00	27.96 -1.94 0.00	26.72 -1.98 0.00	26.47 -1.84 0.00	27.44 -1.75 0.00	31.25 -2.98 0.00	31.07 -3.04 0.00	32.84 -3.25 0.00	33.05 -3.43 0.00	31.15 -3.54 0.02	32.84 -3.77 0.02	35.04 -4.20 0.02	34.96 -4.19 0.02	35.95 -4.45 0.02	36.57 -4.40 0.14	35.60 -5.12 3.82	38.64 -5.44 3.27	43.22 -5.40 0.02	41.72 -4.84 0.00	40.87 -3.94 0.00	36.20 -3.49 0.00	35.23 -3.44 0.00	33.22 -2.61 0.00
KEDC_PORT_JEFF_GT2 24210	42.14 3.34 -0.01	35.47 2.81 -0.01	32.34 2.42 -0.01	30.97 2.27 -0.01	30.59 2.27 -0.01	31.53 2.34 -0.01	36.15 1.92 0.00	36.36 2.25 0.00	38.73 2.63 -0.01	40.02 2.70 -0.83	43.13 2.57 -5.84	45.34 2.53 -6.18	56.41 2.98 -14.16	59.01 3.29 -16.55	59.64 3.51 -15.71	68.02 3.25 -23.67	67.95 3.92 -19.50	67.60 4.12 -16.14	63.83 3.84 -11.35	59.74 4.00 -9.17	50.05 3.32 -1.92	44.75 3.01 -2.05	41.78 2.86 -0.25	38.57 2.72 -0.01
KEDC_PORT_JEFF_GT3 24211	42.14 3.34 -0.01	35.47 2.81 -0.01	32.34 2.42 -0.01	30.97 2.27 -0.01	30.59 2.27 -0.01	31.53 2.34 -0.01	36.15 1.92 0.00	36.36 2.25 0.00	38.73 2.63 -0.01	40.02 2.70 -0.83	43.13 2.57 -5.84	45.34 2.53 -6.18	56.41 2.98 -14.16	59.01 3.29 -16.55	59.64 3.51 -15.71	68.02 3.25 -23.67	67.95 3.92 -19.50	67.60 4.12 -16.14	63.83 3.84 -11.35	59.74 4.00 -9.17	50.05 3.32 -1.92	44.75 3.01 -2.05	41.78 2.86 -0.25	38.57 2.72 -0.01
KEDC_GLWD_GT4 24219	41.76 2.95 -0.02	35.22 2.55 -0.02	32.14 2.21 -0.02	30.81 2.09 -0.02	30.37 2.04 -0.02	31.31 2.10 -0.02	36.22 1.98 0.00	36.22 2.12 0.00	38.56 2.46 -0.02	40.41 2.48 -1.44	47.29 2.57 -10.00	49.91 2.75 -10.52	66.58 2.95 -24.37	70.13 3.14 -27.82	70.19 3.31 -26.46	84.72 3.33 -40.29	81.33 3.78 -33.01	79.27 3.98 -27.94	71.92 3.69 -19.59	65.83 3.45 -15.82	51.36 3.23 -3.31	46.04 2.82 -3.53	41.69 2.59 -0.43	38.22 2.36 -0.02
KEDC_GLWD_GT5 24220	41.76 2.95 -0.02	35.22 2.55 -0.02	32.14 2.21 -0.02	30.81 2.09 -0.02	30.37 2.04 -0.02	31.31 2.10 -0.02	36.22 1.98 0.00	36.22 2.12 0.00	38.56 2.46 -0.02	40.41 2.48 -1.44	47.29 2.57 -10.00	49.91 2.75 -10.52	66.58 2.95 -24.37	70.13 3.14 -27.82	70.19 3.31 -26.46	84.72 3.33 -40.29	81.33 3.78 -33.01	79.27 3.98 -27.94	71.92 3.69 -19.59	65.83 3.45 -15.82	51.36 3.23 -3.31	46.04 2.82 -3.53	41.69 2.59 -0.43	38.22 2.36 -0.02
KENSICO____ 23655	41.24 2.44 0.00	34.78 2.12 0.00	31.70 1.79 0.00	30.39 1.69 0.00	29.96 1.64 0.00	30.85 1.66 0.00	35.87 1.64 0.00	35.78 1.67 0.00	38.04 1.95 0.00	38.57 2.08 0.00	37.01 2.19 -0.11	39.28 2.45 -0.19	42.19 2.83 -0.10	43.18 2.94 -1.07	44.47 3.11 -0.94	45.13 3.21 -0.82	49.31 3.61 -1.16	51.21 3.79 -0.08	52.19 3.55 0.00	49.78 3.21 0.00	47.64 2.82 0.00	42.11 2.42 0.00	40.84 2.17 0.00	37.70 1.86 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.12 2.33 0.00	34.62 1.96 0.00	31.61 1.70 0.00	30.31 1.61 0.00	29.90 1.59 0.00	30.77 1.58 0.00	35.87 1.64 0.00	35.64 1.53 0.00	37.82 1.73 0.00	38.31 1.82 0.00	36.65 1.87 -0.06	38.82 2.09 -0.10	41.79 2.47 -0.05	41.41 2.51 0.27	42.84 2.67 0.24	43.73 2.84 0.21	47.49 3.25 0.30	50.76 3.46 0.04	51.95 3.31 0.00	49.59 3.03 0.00	47.60 2.78 0.00	41.99 2.30 0.00	40.80 2.13 0.00	37.70 1.86 0.00

KIAC_JFK_GT1 23816	41.47 2.68 0.00	34.94 2.29 0.00	31.82 1.91 0.00	30.48 1.78 0.00	30.01 1.70 0.00	30.94 1.75 0.00	36.04 1.81 0.00	35.98 1.88 0.00	38.33 2.24 0.00	38.89 2.41 0.00	37.36 2.53 -0.11	39.64 2.82 -0.19	42.59 3.22 -0.10	43.34 3.13 -1.03	44.68 3.35 -0.91	45.35 3.45 -0.79	49.66 3.92 -1.20	51.55 4.07 -0.13	52.34 3.70 0.00	49.82 3.26 0.00	47.73 2.91 0.00	42.43 2.74 0.00	41.07 2.40 0.00	37.92 2.08 0.00
KIAC_JFK_GT2 23817	41.47 2.68 0.00	34.94 2.29 0.00	31.82 1.91 0.00	30.48 1.78 0.00	30.01 1.70 0.00	30.94 1.75 0.00	36.04 1.81 0.00	35.98 1.88 0.00	38.33 2.24 0.00	38.89 2.41 0.00	37.36 2.53 -0.11	39.64 2.82 -0.19	42.59 3.22 -0.10	43.34 3.13 -1.03	44.68 3.35 -0.91	45.35 3.45 -0.79	49.66 3.92 -1.20	51.55 4.07 -0.13	52.34 3.70 0.00	49.82 3.26 0.00	47.73 2.91 0.00	42.43 2.74 0.00	41.07 2.40 0.00	37.92 2.08 0.00
KIAC_JFK____ 323774	41.47 2.67 0.00	34.91 2.25 0.00	31.82 1.92 0.00	30.48 1.78 0.00	30.01 1.70 0.00	30.94 1.75 0.00	36.04 1.81 0.00	35.98 1.87 0.00	38.33 2.24 0.00	38.82 2.34 0.00	37.36 2.53 -0.11	39.61 2.78 -0.19	42.59 3.22 -0.10	43.42 3.21 -1.03	44.72 3.40 -0.91	45.27 3.37 -0.79	49.66 3.92 -1.20	51.55 4.07 -0.13	52.29 3.65 0.00	49.87 3.31 0.00	47.73 2.91 0.00	42.42 2.74 0.00	41.03 2.36 0.00	37.91 2.08 0.00
KINTIGH__24_KV_GSU 356498	36.43 -2.37 0.00	30.37 -2.29 0.00	27.84 -2.06 0.00	26.66 -2.04 0.00	26.36 -1.95 0.00	27.29 -1.90 0.00	31.12 -3.11 0.00	31.04 -3.07 0.00	32.77 -3.32 0.00	33.05 -3.43 0.00	31.16 -3.54 0.02	32.62 -3.99 0.02	34.69 -4.55 0.02	34.50 -4.66 0.02	35.51 -4.89 0.02	35.83 -5.14 0.13	35.85 -6.06 2.63	37.81 -6.53 3.00	43.03 -5.59 0.02	41.67 -4.89 0.00	40.78 -4.03 0.00	36.12 -3.57 0.00	35.16 -3.52 0.00	33.08 -2.76 0.00
KINTIGH____ 23543	36.35 -2.44 0.00	30.27 -2.38 0.00	27.84 -2.06 0.00	26.66 -2.04 0.00	26.36 -1.95 0.00	27.29 -1.90 0.00	31.12 -3.11 0.00	30.97 -3.14 0.00	32.70 -3.39 0.00	32.84 -3.65 0.00	31.16 -3.54 0.02	32.77 -3.85 0.02	34.65 -4.59 0.02	34.42 -4.74 0.02	35.71 -4.69 0.02	35.42 -5.55 0.13	35.81 -6.10 2.63	37.81 -6.53 3.00	42.54 -6.08 0.02	41.67 -4.89 0.00	40.47 -4.35 0.00	36.12 -3.57 0.00	35.16 -3.52 0.00	33.08 -2.76 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.75 -1.05 0.00	32.23 -0.42 0.00	29.82 -0.09 0.00	28.93 0.23 0.00	28.65 0.34 0.00	29.60 0.41 0.00	35.12 0.89 0.00	35.03 0.92 0.00	37.03 0.94 0.00	37.54 1.06 0.00	35.65 0.94 0.00	37.59 0.95 0.00	40.28 1.02 0.00	39.96 0.78 0.00	41.06 0.65 0.00	41.97 0.86 0.00	45.61 1.07 0.00	47.87 0.52 0.00	49.08 0.44 0.00	47.40 0.84 0.00	46.61 1.79 0.00	41.20 1.51 0.00	40.11 1.43 0.00	37.16 1.33 0.00
LACHUTE____HYDRO 323717	43.14 4.34 0.00	36.28 3.62 0.00	33.14 3.23 0.00	31.83 3.13 0.00	31.29 2.97 0.00	32.34 3.15 0.00	37.52 3.29 0.00	37.28 3.17 0.00	39.37 3.28 0.00	39.91 3.43 0.00	37.67 3.06 0.10	39.79 3.33 0.17	42.58 3.41 0.09	41.90 2.54 -0.18	43.32 2.75 -0.16	43.91 2.67 -0.14	47.54 2.81 -0.19	55.42 3.70 -4.38	56.56 3.99 -3.93	53.85 3.86 -3.42	48.62 3.81 0.00	43.02 3.33 0.00	42.62 3.95 0.00	39.20 3.37 0.00
LAWRNCALV_115KV_TB1 80681	38.52 -0.27 0.00	32.53 -0.13 0.00	29.88 -0.03 0.00	28.76 0.06 0.00	28.40 0.08 0.00	29.31 0.12 0.00	34.74 0.51 0.00	34.69 0.58 0.00	36.59 0.51 0.00	37.03 0.55 0.00	35.13 0.42 0.00	37.00 0.37 0.00	39.66 0.39 0.00	39.45 0.27 0.00	40.62 0.20 0.00	41.44 0.33 0.00	44.98 0.45 0.00	47.82 0.47 0.00	49.27 0.63 0.00	47.17 0.61 0.00	45.62 0.81 0.00	40.44 0.75 0.00	39.41 0.73 0.00	36.45 0.61 0.00
LEDERLE____ 23769	41.12 2.33 0.00	34.68 2.02 0.00	31.61 1.70 0.00	30.31 1.61 0.00	29.87 1.56 0.00	30.80 1.61 0.00	35.84 1.61 0.00	35.68 1.57 0.00	37.89 1.80 0.00	38.42 1.93 0.00	36.90 2.08 -0.10	39.10 2.31 -0.16	42.06 2.71 -0.09	40.46 2.78 1.50	42.05 2.95 1.32	43.01 3.04 1.14	46.29 3.38 1.63	50.75 3.55 0.15	51.99 3.36 0.00	49.59 3.03 0.00	47.55 2.73 0.00	41.99 2.30 0.00	40.76 2.09 0.00	37.63 1.79 0.00
LIGHTHSE_115KV_TB6 355974	38.37 -0.43 0.00	32.10 -0.56 0.00	29.43 -0.48 0.00	28.24 -0.46 0.00	27.86 -0.45 0.00	28.78 -0.41 0.00	33.68 -0.55 0.00	33.53 -0.58 0.00	35.40 -0.69 0.00	35.79 -0.69 0.00	33.99 -0.73 0.00	35.83 -0.81 0.00	38.28 -0.98 0.00	38.16 -1.02 0.00	39.32 -1.09 0.00	40.04 -1.07 0.00	43.34 -1.20 0.00	46.12 -1.23 0.00	47.57 -1.07 0.00	45.54 -1.02 0.00	43.88 -0.94 0.00	38.89 -0.79 0.00	37.90 -0.77 0.00	35.16 -0.68 0.00
LINDEN COGEN____ 23786	33.09 2.52 8.22	34.81 2.15 0.00	31.73 1.82 0.00	30.39 1.69 0.00	29.96 1.64 0.00	30.88 1.69 0.00	35.94 1.71 0.00	35.85 1.74 0.00	38.14 2.06 0.00	38.67 2.19 0.00	37.22 2.39 -0.11	39.42 2.60 -0.19	42.35 2.98 -0.10	43.38 3.17 -1.03	44.63 3.31 -0.90	45.18 3.29 -0.78	49.44 3.78 -1.12	51.40 3.98 -0.07	52.24 3.60 0.00	49.87 3.31 0.00	47.69 2.87 0.00	42.27 2.58 0.00	40.88 2.20 0.00	37.77 1.93 0.00
LINDHRST_69_KV_BK1 356055	42.33 3.53 -0.01	35.70 3.04 -0.01	32.52 2.60 -0.01	31.18 2.47 -0.01	30.76 2.44 -0.01	31.71 2.51 -0.01	36.46 2.22 0.00	36.67 2.56 0.00	38.98 2.89 -0.01	40.34 2.92 -0.93	44.04 2.81 -6.51	46.37 2.86 -6.88	58.41 3.34 -15.81	60.87 3.33 -18.37	61.50 3.64 -17.45	71.24 3.78 -26.35	70.59 4.36 -21.68	70.04 4.64 -18.05	65.79 4.47 -12.68	60.95 4.14 -10.24	50.68 3.72 -2.14	45.23 3.25 -2.29	42.05 3.09 -0.28	38.71 2.87 -0.01
LIPA_MISC_IPP 23656	41.83 3.03 -0.01	35.21 2.55 -0.01	32.10 2.18 -0.01	30.75 2.04 -0.01	30.36 2.04 -0.01	31.27 2.07 -0.01	35.84 1.61 0.00	36.12 2.01 0.00	38.41 2.31 -0.01	39.72 2.41 -0.83	42.83 2.29 -5.82	45.06 2.27 -6.16	56.08 2.71 -14.11	58.41 2.74 -16.49	59.10 3.03 -15.66	67.90 3.21 -23.59	67.75 3.79 -19.43	67.45 4.02 -16.08	63.79 3.84 -11.31	59.33 3.63 -9.13	49.87 3.14 -1.91	44.43 2.70 -2.04	41.44 2.51 -0.25	38.28 2.44 -0.01
LISF____SOLAR 323691	41.91 3.10 -0.01	35.25 2.58 -0.01	32.16 2.24 -0.01	30.80 2.09 -0.01	30.39 2.07 -0.01	31.33 2.13 -0.01	35.87 1.64 0.00	36.09 1.98 0.00	38.44 2.34 -0.01	39.73 2.41 -0.83	42.87 2.33 -5.83	45.07 2.27 -6.16	56.14 2.75 -14.13	58.70 3.02 -16.51	59.33 3.23 -15.68	67.97 3.25 -23.62	67.95 3.96 -19.45	67.62 4.17 -16.10	63.90 3.94 -11.32	59.53 3.82 -9.15	49.82 3.09 -1.91	44.55 2.82 -2.04	41.51 2.59 -0.25	38.35 2.51 -0.01
LITTLE FALLS____HYD 24013	39.18 0.39 0.00	33.02 0.36 0.00	30.27 0.36 0.00	29.07 0.37 0.00	28.71 0.40 0.00	29.63 0.44 0.00	34.64 0.41 0.00	34.52 0.41 0.00	36.52 0.43 0.00	36.96 0.47 0.00	35.13 0.42 0.00	37.07 0.44 0.00	39.73 0.47 0.00	39.61 0.43 0.00	40.82 0.40 0.00	41.52 0.41 0.00	44.98 0.45 0.00	47.87 0.52 0.00	49.27 0.63 0.00	47.08 0.51 0.00	45.36 0.54 0.00	40.16 0.48 0.00	39.10 0.43 0.00	36.23 0.39 0.00

LITTLRIV_115KV_TB1 356100	38.87 0.08 0.00	32.79 0.13 0.00	30.12 0.21 0.00	29.01 0.32 0.00	28.65 0.34 0.00	29.54 0.35 0.00	35.09 0.86 0.00	34.96 0.85 0.00	36.85 0.76 0.00	37.32 0.84 0.00	35.38 0.66 0.00	37.26 0.62 0.00	39.93 0.67 0.00	39.68 0.51 0.00	40.82 0.40 0.00	41.68 0.58 0.00	45.25 0.71 0.00	48.20 0.85 0.00	49.71 1.07 0.00	47.63 1.07 0.00	46.12 1.30 0.00	40.84 1.15 0.00	39.76 1.08 0.00	36.77 0.93 0.00
LI_NEWBRDGE___DRP 323616	41.59 2.79 -0.01	35.08 2.42 -0.01	32.01 2.09 -0.01	30.69 1.98 -0.01	30.28 1.95 -0.01	31.21 2.01 -0.01	36.01 1.78 0.00	36.15 2.05 0.00	38.44 2.35 -0.01	39.56 2.30 -0.77	42.33 2.19 -5.43	44.61 2.23 -5.74	55.03 2.63 -13.14	57.30 2.70 -15.42	57.96 2.91 -14.63	66.15 3.04 -22.00	66.18 3.52 -18.12	65.98 3.69 -14.94	62.66 3.50 -10.52	58.28 3.21 -8.50	49.38 2.78 -1.78	44.01 2.42 -1.90	41.23 2.32 -0.23	38.03 2.19 -0.01
LOCKPORT_115KV_TB60_63_64 80432	36.00 -2.79 0.00	30.14 -2.51 0.00	27.78 -2.12 0.00	26.40 -2.30 0.00	26.13 -2.18 0.00	27.26 -1.93 0.00	30.77 -3.46 0.00	30.56 -3.55 0.00	32.26 -3.83 0.00	32.36 -4.12 0.00	30.67 -4.03 0.02	32.33 -4.29 0.02	34.30 -4.95 0.02	34.10 -5.05 0.02	35.26 -5.13 0.02	35.16 -5.75 0.19	35.08 -6.37 3.09	37.52 -6.72 3.10	42.01 -6.61 0.02	41.02 -5.54 0.00	39.89 -4.93 0.00	35.68 -4.01 0.00	34.73 -3.94 0.00	32.93 -2.90 0.00
LOCKPORT___CC1 323769	36.23 -2.56 0.00	30.27 -2.38 0.00	27.75 -2.15 0.00	26.40 -2.30 0.00	26.14 -2.18 0.00	27.09 -2.10 0.00	30.77 -3.46 0.00	30.63 -3.48 0.00	32.37 -3.72 0.00	32.62 -3.87 0.00	30.67 -4.03 0.02	32.22 -4.40 0.02	34.30 -4.95 0.02	34.14 -5.01 0.02	35.14 -5.25 0.02	35.50 -5.43 0.18	34.99 -6.32 3.22	37.50 -6.72 3.13	42.39 -6.23 0.02	41.02 -5.54 0.00	40.25 -4.57 0.00	35.68 -4.01 0.00	34.73 -3.95 0.00	32.94 -2.90 0.00
LOCKPORT___CC2 323770	36.23 -2.56 0.00	30.27 -2.38 0.00	27.75 -2.15 0.00	26.40 -2.30 0.00	26.14 -2.18 0.00	27.09 -2.10 0.00	30.77 -3.46 0.00	30.63 -3.48 0.00	32.37 -3.72 0.00	32.62 -3.87 0.00	30.67 -4.03 0.02	32.22 -4.40 0.02	34.30 -4.95 0.02	34.14 -5.01 0.02	35.14 -5.25 0.02	35.50 -5.43 0.18	34.99 -6.32 3.22	37.50 -6.72 3.13	42.39 -6.23 0.02	41.02 -5.54 0.00	40.25 -4.57 0.00	35.68 -4.01 0.00	34.73 -3.95 0.00	32.94 -2.90 0.00
LOCKPORT___CC3 323771	36.23 -2.56 0.00	30.27 -2.38 0.00	27.75 -2.15 0.00	26.40 -2.30 0.00	26.14 -2.18 0.00	27.09 -2.10 0.00	30.77 -3.46 0.00	30.63 -3.48 0.00	32.37 -3.72 0.00	32.62 -3.87 0.00	30.67 -4.03 0.02	32.22 -4.40 0.02	34.30 -4.95 0.02	34.14 -5.01 0.02	35.14 -5.25 0.02	35.50 -5.43 0.18	34.99 -6.32 3.22	37.50 -6.72 3.13	42.39 -6.23 0.02	41.02 -5.54 0.00	40.25 -4.57 0.00	35.68 -4.01 0.00	34.73 -3.95 0.00	32.94 -2.90 0.00
LOCUSVLY_69_KV_BK2 55797	41.99 3.18 -0.01	35.41 2.74 -0.01	32.28 2.36 -0.01	30.95 2.24 -0.01	30.54 2.21 -0.01	31.45 2.25 -0.01	36.32 2.09 0.00	36.43 2.32 0.00	38.77 2.67 -0.01	40.50 2.74 -1.28	46.31 2.71 -8.88	48.81 2.82 -9.35	64.11 3.22 -21.62	67.25 3.29 -24.78	67.50 3.52 -23.57	80.54 3.62 -35.82	78.00 4.10 -29.36	76.41 4.31 -24.76	70.09 4.09 -17.37	64.37 3.77 -14.03	51.12 3.36 -2.94	45.80 2.98 -3.13	41.84 2.78 -0.38	38.39 2.54 -0.01
LONG_LAKE_PHOENIX 24014	38.10 -0.70 0.00	31.94 -0.72 0.00	29.25 -0.66 0.00	28.04 -0.66 0.00	27.66 -0.65 0.00	28.55 -0.64 0.00	33.34 -0.89 0.00	33.22 -0.89 0.00	35.15 -0.94 0.00	35.54 -0.95 0.00	33.78 -0.94 0.00	35.64 -0.99 0.00	38.08 -1.18 0.00	38.00 -1.18 0.00	39.16 -1.25 0.00	39.79 -1.32 0.00	43.02 -1.51 0.00	45.79 -1.56 0.00	47.18 -1.46 0.00	45.26 -1.30 0.00	43.52 -1.30 0.00	38.54 -1.15 0.00	37.55 -1.12 0.00	34.87 -0.97 0.00
LOVETT___3 23632	41.00 2.21 0.00	34.55 1.89 0.00	31.52 1.62 0.00	30.19 1.49 0.00	29.79 1.47 0.00	30.71 1.52 0.00	35.70 1.47 0.00	35.57 1.47 0.00	37.78 1.70 0.00	38.31 1.82 0.00	36.79 1.98 -0.10	39.00 2.20 -0.17	41.91 2.55 -0.09	40.23 2.62 1.57	41.82 2.79 1.38	42.79 2.88 1.20	46.08 3.25 1.71	50.60 3.41 0.16	51.85 3.21 0.00	49.40 2.84 0.00	47.33 2.51 0.00	41.87 2.18 0.00	40.61 1.93 0.00	37.49 1.65 0.00
LOVETT___4 23642	41.00 2.21 0.00	34.55 1.89 0.00	31.52 1.62 0.00	30.19 1.49 0.00	29.79 1.47 0.00	30.71 1.52 0.00	35.70 1.47 0.00	35.57 1.47 0.00	37.78 1.70 0.00	38.31 1.82 0.00	36.79 1.98 -0.10	39.00 2.20 -0.17	41.91 2.55 -0.09	40.23 2.62 1.57	41.82 2.79 1.38	42.79 2.88 1.20	46.08 3.25 1.71	50.60 3.41 0.16	51.85 3.21 0.00	49.40 2.84 0.00	47.33 2.51 0.00	41.87 2.18 0.00	40.61 1.93 0.00	37.49 1.65 0.00
LOVETT___5 23593	41.00 2.21 0.00	34.55 1.89 0.00	31.52 1.62 0.00	30.19 1.49 0.00	29.79 1.47 0.00	30.71 1.52 0.00	35.70 1.47 0.00	35.57 1.47 0.00	37.78 1.70 0.00	38.31 1.82 0.00	36.79 1.98 -0.10	39.00 2.20 -0.17	41.91 2.55 -0.09	40.23 2.62 1.57	41.82 2.79 1.38	42.79 2.88 1.20	46.08 3.25 1.71	50.60 3.41 0.16	51.85 3.21 0.00	49.40 2.84 0.00	47.33 2.51 0.00	41.87 2.18 0.00	40.61 1.93 0.00	37.49 1.65 0.00
LOWER RAQUET___HYD 24057	38.56 -0.23 0.00	32.53 -0.13 0.00	29.91 0.00 0.00	28.79 0.09 0.00	28.43 0.11 0.00	29.34 0.15 0.00	34.81 0.58 0.00	34.72 0.61 0.00	36.59 0.50 0.00	37.07 0.58 0.00	35.17 0.45 0.00	37.04 0.40 0.00	39.70 0.43 0.00	39.49 0.31 0.00	40.62 0.20 0.00	41.48 0.37 0.00	44.98 0.45 0.00	47.87 0.52 0.00	49.32 0.68 0.00	47.17 0.60 0.00	45.58 0.76 0.00	40.48 0.79 0.00	39.45 0.77 0.00	36.48 0.65 0.00
LOWER___HUDSON 24059	40.73 1.94 0.00	34.32 1.66 0.00	31.40 1.49 0.00	30.13 1.43 0.00	29.70 1.39 0.00	30.59 1.40 0.00	35.56 1.33 0.00	35.47 1.37 0.00	37.46 1.37 0.00	37.76 1.28 0.00	35.79 1.21 0.14	37.75 1.36 0.24	40.63 1.49 0.13	40.90 1.53 -0.20	42.29 1.70 -0.17	42.94 1.69 -0.15	46.62 1.87 -0.22	61.19 2.13 -11.71	61.22 2.04 -10.54	57.65 1.91 -9.17	46.56 1.75 0.00	41.20 1.51 0.00	40.22 1.55 0.00	37.12 1.29 0.00
LOWVILLE_115KV_TB2 356335	38.79 0.00 0.00	32.49 -0.16 0.00	29.94 0.03 0.00	28.81 0.11 0.00	28.48 0.17 0.00	29.60 0.41 0.00	34.78 0.55 0.00	34.62 0.51 0.00	36.27 0.18 0.00	36.67 0.18 0.00	34.72 0.00 0.00	36.52 -0.11 0.00	39.11 -0.16 0.00	38.98 -0.20 0.00	40.17 -0.24 0.00	40.98 -0.12 0.00	44.45 -0.09 0.00	47.40 0.05 0.00	48.98 0.34 0.00	46.84 0.28 0.00	45.22 0.40 0.00	40.01 0.32 0.00	38.83 0.15 0.00	35.98 0.14 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.20 2.41 0.00	34.68 2.02 0.00	31.70 1.79 0.00	30.42 1.72 0.00	29.99 1.67 0.00	30.91 1.72 0.00	35.94 1.71 0.00	35.78 1.67 0.00	37.82 1.73 0.00	38.20 1.71 0.00	36.17 1.56 0.11	38.17 1.72 0.18	41.05 1.88 0.10	41.27 1.92 -0.18	42.39 1.82 -0.16	43.05 1.81 -0.14	46.65 1.92 -0.20	54.60 2.27 -4.97	55.44 2.33 -4.47	52.64 2.19 -3.89	46.88 2.06 0.00	41.51 1.83 0.00	40.69 2.01 0.00	37.59 1.76 0.00

LUTHERNY_35_KV_BK2 355980	41.20 2.41 0.00	34.68 2.02 0.00	31.73 1.82 0.00	30.45 1.75 0.00	29.99 1.67 0.00	30.94 1.75 0.00	35.98 1.75 0.00	35.81 1.71 0.00	37.86 1.77 0.00	38.20 1.71 0.00	36.21 1.60 0.11	38.21 1.76 0.18	41.05 1.88 0.10	41.31 1.96 -0.18	42.39 1.82 -0.16	43.09 1.85 -0.14	46.69 1.96 -0.20	54.64 2.32 -4.97	55.49 2.38 -4.47	52.64 2.19 -3.89	46.92 2.11 0.00	41.55 1.87 0.00	40.72 2.05 0.00	37.59 1.76 0.00
LWR___OSWEGATCHIE_HYD 23850	38.68 -0.12 0.00	32.49 -0.16 0.00	29.88 -0.03 0.00	28.73 0.03 0.00	28.40 0.08 0.00	29.39 0.20 0.00	34.68 0.44 0.00	34.55 0.44 0.00	36.38 0.29 0.00	36.81 0.33 0.00	34.86 0.14 0.00	36.67 0.04 0.00	39.30 0.04 0.00	39.14 -0.04 0.00	40.29 -0.12 0.00	41.11 0.00 0.00	44.58 0.04 0.00	47.54 0.19 0.00	49.03 0.39 0.00	46.94 0.37 0.00	45.36 0.54 0.00	40.20 0.52 0.00	39.06 0.39 0.00	36.16 0.32 0.00
LYONS_FALL_HYD 23570	39.10 0.31 0.00	32.79 0.13 0.00	30.15 0.24 0.00	28.96 0.26 0.00	28.60 0.28 0.00	29.66 0.47 0.00	34.78 0.55 0.00	34.62 0.51 0.00	36.41 0.32 0.00	36.85 0.36 0.00	34.93 0.21 0.00	36.78 0.15 0.00	39.38 0.12 0.00	39.29 0.12 0.00	40.50 0.08 0.00	41.23 0.12 0.00	44.72 0.18 0.00	47.63 0.29 0.00	49.17 0.54 0.00	46.98 0.42 0.00	45.36 0.54 0.00	40.13 0.44 0.00	38.95 0.27 0.00	36.12 0.29 0.00
MADISON___COUNTY_LFGE 323628	39.45 0.66 0.00	33.15 0.49 0.00	30.39 0.48 0.00	29.16 0.46 0.00	28.77 0.45 0.00	29.69 0.50 0.00	34.71 0.48 0.00	34.55 0.44 0.00	36.52 0.43 0.00	36.96 0.47 0.00	35.10 0.38 0.00	37.00 0.37 0.00	39.62 0.35 0.00	39.53 0.35 0.00	40.74 0.32 0.00	41.44 0.33 0.00	44.85 0.31 0.00	47.73 0.38 0.00	49.22 0.58 0.00	47.08 0.51 0.00	45.36 0.54 0.00	40.16 0.48 0.00	39.02 0.35 0.00	36.23 0.39 0.00
MALONE___115KV_TB1 356076	38.17 -0.62 0.00	32.43 -0.23 0.00	29.88 -0.03 0.00	28.90 0.20 0.00	28.60 0.28 0.00	29.51 0.32 0.00	35.02 0.79 0.00	34.93 0.82 0.00	36.88 0.79 0.00	37.40 0.91 0.00	35.52 0.80 0.00	37.40 0.77 0.00	40.09 0.82 0.00	39.80 0.63 0.00	40.90 0.48 0.00	41.81 0.70 0.00	45.43 0.89 0.00	48.11 0.76 0.00	49.47 0.83 0.00	47.54 0.98 0.00	46.30 1.48 0.00	40.96 1.27 0.00	39.87 1.20 0.00	36.91 1.08 0.00
MAPLEWOD_115KV_TB3 80458	40.31 1.51 0.00	33.96 1.31 0.00	31.10 1.20 0.00	29.88 1.18 0.00	29.45 1.13 0.00	30.33 1.14 0.00	35.22 0.99 0.00	35.13 1.02 0.00	37.17 1.08 0.00	37.47 0.99 0.00	35.52 0.90 0.10	37.42 0.95 0.17	40.19 1.02 0.09	40.50 1.14 -0.19	41.84 1.25 -0.17	42.53 1.27 -0.15	46.13 1.38 -0.21	42.04 1.56 6.87	43.94 1.51 6.21	42.46 1.30 5.41	46.03 1.21 0.00	40.76 1.07 0.00	39.68 1.01 0.00	36.66 0.82 0.00
MAPLE_RIDGE_WT_1 323574	38.25 -0.54 0.00	32.33 -0.33 0.00	29.70 -0.21 0.00	28.56 -0.14 0.00	28.20 -0.11 0.00	29.10 -0.09 0.00	34.13 -0.10 0.00	34.01 -0.10 0.00	35.98 -0.11 0.00	36.38 -0.11 0.00	34.58 -0.14 0.00	36.45 -0.18 0.00	39.11 -0.16 0.00	38.98 -0.19 0.00	40.21 -0.20 0.00	40.94 -0.16 0.00	44.36 -0.18 0.00	47.21 -0.14 0.00	48.54 -0.10 0.00	46.47 -0.09 0.00	44.73 -0.09 0.00	39.61 -0.08 0.00	38.56 -0.12 0.00	35.73 -0.11 0.00
MAPLE_RIDGE_WT_2 323611	38.25 -0.54 0.00	32.33 -0.33 0.00	29.70 -0.21 0.00	28.56 -0.14 0.00	28.20 -0.11 0.00	29.10 -0.09 0.00	34.13 -0.10 0.00	34.01 -0.10 0.00	35.98 -0.11 0.00	36.38 -0.11 0.00	34.58 -0.14 0.00	36.45 -0.18 0.00	39.11 -0.16 0.00	38.98 -0.19 0.00	40.21 -0.20 0.00	40.94 -0.16 0.00	44.36 -0.18 0.00	47.21 -0.14 0.00	48.54 -0.10 0.00	46.47 -0.09 0.00	44.73 -0.09 0.00	39.61 -0.08 0.00	38.56 -0.12 0.00	35.73 -0.11 0.00
MARBLE_RIVER_WT_PWR 323696	37.09 -1.71 0.00	31.74 -0.91 0.00	29.49 -0.42 0.00	28.67 -0.03 0.00	28.43 0.11 0.00	29.37 0.18 0.00	34.88 0.65 0.00	34.83 0.72 0.00	36.85 0.76 0.00	37.36 0.87 0.00	35.52 0.80 0.00	37.44 0.80 0.00	40.09 0.83 0.00	39.80 0.62 0.00	40.90 0.49 0.00	41.76 0.66 0.00	45.34 0.80 0.00	47.54 0.19 0.00	48.69 0.05 0.00	46.66 0.09 0.00	45.53 0.71 0.00	41.04 1.35 0.00	39.95 1.27 0.00	36.98 1.15 0.00
MARSHVLE_115KV_TB1 80742	41.32 2.52 0.00	34.75 2.09 0.00	31.76 1.85 0.00	30.48 1.78 0.00	30.01 1.70 0.00	31.00 1.81 0.00	36.11 1.88 0.00	35.81 1.71 0.00	37.64 1.55 0.00	37.87 1.39 0.00	35.73 1.08 0.06	37.92 1.39 0.10	40.86 1.65 0.06	41.01 1.72 -0.12	42.29 1.78 -0.10	43.13 1.93 -0.09	46.89 2.23 -0.13	49.99 2.65 0.01	51.65 3.02 0.00	49.45 2.89 0.00	47.60 2.78 0.00	42.07 2.38 0.00	40.92 2.24 0.00	37.77 1.94 0.00
MARSH_HILL_WT_PWR 323713	37.55 -1.24 0.00	31.55 -1.11 0.00	28.98 -0.93 0.00	27.72 -0.98 0.00	27.47 -0.85 0.00	28.49 -0.70 0.00	32.83 -1.40 0.00	32.68 -1.43 0.00	34.50 -1.59 0.00	34.74 -1.75 0.00	32.72 -1.94 0.05	34.42 -2.16 0.05	36.74 -2.47 0.05	36.58 -2.55 0.05	37.70 -2.67 0.05	38.39 -2.59 0.12	44.45 -2.98 -2.90	41.18 -2.98 3.19	45.77 -2.82 0.05	44.19 -2.37 0.00	42.94 -1.88 0.00	37.94 -1.75 0.00	36.90 -1.78 0.00	34.51 -1.33 0.00
MCINTYRE_115KV_TB2 80467	38.99 0.19 0.00	32.92 0.26 0.00	30.24 0.33 0.00	29.10 0.40 0.00	28.74 0.42 0.00	29.60 0.41 0.00	35.19 0.96 0.00	35.06 0.96 0.00	36.92 0.83 0.00	37.36 0.88 0.00	35.41 0.69 0.00	37.26 0.62 0.00	39.93 0.67 0.00	39.72 0.55 0.00	40.86 0.44 0.00	41.72 0.62 0.00	45.34 0.80 0.00	48.34 0.99 0.00	49.85 1.22 0.00	47.77 1.21 0.00	46.25 1.43 0.00	40.96 1.27 0.00	39.87 1.20 0.00	36.91 1.08 0.00
MECO_____69_KV_BK1 80468	41.78 2.99 0.00	35.14 2.48 0.00	32.12 2.21 0.00	30.82 2.12 0.00	30.35 2.04 0.00	31.35 2.16 0.00	36.49 2.26 0.00	36.15 2.05 0.00	37.96 1.88 0.00	38.20 1.71 0.00	36.07 1.42 0.07	38.20 1.69 0.11	41.09 1.88 0.06	41.27 1.96 -0.13	42.59 2.06 -0.12	43.43 2.22 -0.10	47.27 2.58 -0.15	50.47 3.13 0.01	52.14 3.50 0.00	49.92 3.35 0.00	48.04 3.23 0.00	42.47 2.78 0.00	41.34 2.67 0.00	38.13 2.29 0.00
MENANDS___115KV_TB5 355628	40.15 1.36 0.00	33.83 1.18 0.00	30.98 1.08 0.00	29.76 1.06 0.00	29.33 1.02 0.00	30.21 1.02 0.00	35.12 0.89 0.00	34.99 0.89 0.00	37.03 0.94 0.00	37.32 0.84 0.00	35.35 0.73 0.10	37.24 0.77 0.17	40.04 0.86 0.09	40.35 0.98 -0.19	41.68 1.09 -0.17	42.36 1.11 -0.15	45.95 1.20 -0.21	41.57 1.33 7.10	43.48 1.26 6.42	42.04 1.07 5.59	45.80 0.99 0.00	40.52 0.83 0.00	39.49 0.81 0.00	36.48 0.65 0.00
MG INDUSTRY___DRP 24185	40.15 1.36 0.00	33.83 1.18 0.00	30.95 1.05 0.00	29.73 1.03 0.00	29.31 0.99 0.00	30.18 0.99 0.00	35.12 0.89 0.00	34.96 0.85 0.00	36.92 0.83 0.00	37.25 0.77 0.00	35.40 0.73 0.05	37.28 0.73 0.08	40.04 0.82 0.05	40.23 0.90 -0.16	41.52 0.97 -0.14	42.25 1.03 -0.12	45.82 1.11 -0.17	44.95 1.28 3.68	46.53 1.22 3.33	44.78 1.12 2.90	45.76 0.94 0.00	40.52 0.83 0.00	39.49 0.81 0.00	36.55 0.72 0.00

MID___OSWEGATCHIE_HYD 23849	38.68 -0.12 0.00	32.49 -0.16 0.00	29.88 -0.03 0.00	28.73 0.03 0.00	28.40 0.08 0.00	29.39 0.20 0.00	34.68 0.44 0.00	34.55 0.44 0.00	36.38 0.29 0.00	36.81 0.33 0.00	34.86 0.14 0.00	36.67 0.04 0.00	39.30 0.04 0.00	39.14 -0.04 0.00	40.29 -0.12 0.00	41.11 0.00 0.00	44.58 0.04 0.00	47.54 0.19 0.00	49.03 0.39 0.00	46.94 0.37 0.00	45.36 0.54 0.00	40.20 0.52 0.00	39.06 0.39 0.00	36.16 0.32 0.00
MID___RAQUETTE_HYD 23851	38.56 -0.23 0.00	32.56 -0.10 0.00	29.91 0.00 0.00	28.79 0.09 0.00	28.43 0.11 0.00	29.34 0.15 0.00	34.81 0.58 0.00	34.72 0.61 0.00	36.59 0.51 0.00	37.07 0.58 0.00	35.17 0.45 0.00	37.04 0.40 0.00	39.69 0.43 0.00	39.49 0.31 0.00	40.62 0.20 0.00	41.48 0.37 0.00	44.98 0.45 0.00	47.87 0.52 0.00	49.32 0.68 0.00	47.21 0.65 0.00	45.71 0.90 0.00	40.48 0.79 0.00	39.45 0.77 0.00	36.48 0.65 0.00
MILLIKEN___1 23584	39.03 0.23 0.00	32.72 0.07 0.00	30.00 0.09 0.00	28.73 0.03 0.00	28.34 0.03 0.00	29.28 0.09 0.00	34.16 -0.07 0.00	34.01 -0.10 0.00	35.98 -0.11 0.00	36.34 -0.15 0.00	34.57 -0.21 -0.06	36.47 -0.22 -0.06	38.97 -0.35 -0.06	38.84 -0.39 -0.06	40.03 -0.44 -0.06	40.83 -0.37 -0.09	48.71 -0.49 -4.67	51.29 -0.47 -4.41	48.46 -0.24 -0.06	46.38 -0.19 0.00	44.68 -0.13 0.00	39.57 -0.12 0.00	38.52 -0.15 0.00	35.76 -0.07 0.00
MILLIKEN___2 23585	39.03 0.23 0.00	32.72 0.07 0.00	30.00 0.09 0.00	28.73 0.03 0.00	28.34 0.03 0.00	29.28 0.09 0.00	34.16 -0.07 0.00	34.01 -0.10 0.00	35.98 -0.11 0.00	36.34 -0.15 0.00	34.57 -0.21 -0.06	36.47 -0.22 -0.06	38.97 -0.35 -0.06	38.84 -0.39 -0.06	40.03 -0.44 -0.06	40.83 -0.37 -0.09	48.71 -0.49 -4.67	51.29 -0.47 -4.41	48.46 -0.24 -0.06	46.38 -0.19 0.00	44.68 -0.13 0.00	39.57 -0.12 0.00	38.52 -0.15 0.00	35.76 -0.07 0.00
MILLIKEN___DIESEL 23629	39.03 0.23 0.00	32.72 0.07 0.00	30.00 0.09 0.00	28.73 0.03 0.00	28.34 0.03 0.00	29.28 0.09 0.00	34.16 -0.07 0.00	34.01 -0.10 0.00	35.98 -0.11 0.00	36.34 -0.15 0.00	34.57 -0.21 -0.06	36.47 -0.22 -0.06	38.97 -0.35 -0.06	38.84 -0.39 -0.06	40.03 -0.44 -0.06	40.83 -0.37 -0.09	48.71 -0.49 -4.67	51.29 -0.47 -4.41	48.46 -0.24 -0.06	46.38 -0.19 0.00	44.68 -0.13 0.00	39.57 -0.12 0.00	38.52 -0.15 0.00	35.76 -0.07 0.00
MILLSEAT___LFGE 323607	37.13 -1.67 0.00	31.03 -1.63 0.00	28.44 -1.46 0.00	27.03 -1.67 0.00	26.73 -1.59 0.00	27.70 -1.49 0.00	31.60 -2.64 0.00	31.41 -2.70 0.00	33.24 -2.85 0.00	33.53 -2.95 0.00	31.58 -3.12 0.02	33.21 -3.41 0.02	35.36 -3.89 0.02	35.12 -4.03 0.02	36.11 -4.29 0.02	36.22 -4.44 0.45	36.20 -5.21 3.13	37.49 -5.49 4.37	43.76 -4.86 0.02	42.28 -4.28 0.00	41.46 -3.36 0.00	36.71 -2.98 0.00	35.70 -2.98 0.00	33.72 -2.11 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.16 2.37 0.00	34.68 2.02 0.00	31.64 1.73 0.00	30.31 1.61 0.00	29.87 1.56 0.00	30.80 1.61 0.00	35.81 1.57 0.00	35.71 1.60 0.00	37.93 1.84 0.00	38.46 1.97 0.00	36.91 2.08 -0.11	39.16 2.34 -0.18	42.07 2.71 -0.10	43.05 2.78 -1.09	44.37 2.99 -0.96	45.02 3.08 -0.83	49.20 3.47 -1.19	51.02 3.60 -0.08	52.04 3.40 0.00	49.59 3.03 0.00	47.51 2.69 0.00	41.99 2.30 0.00	40.72 2.05 0.00	37.63 1.79 0.00
MILLWOOD_13_KV_LOAD 356217	41.24 2.44 0.00	34.75 2.09 0.00	31.70 1.79 0.00	30.36 1.66 0.00	29.96 1.64 0.00	30.85 1.66 0.00	35.87 1.64 0.00	35.78 1.67 0.00	38.00 1.91 0.00	38.53 2.04 0.00	37.01 2.19 -0.11	39.27 2.45 -0.18	42.19 2.83 -0.10	43.20 2.94 -1.09	44.49 3.11 -0.96	45.19 3.25 -0.83	49.38 3.65 -1.19	51.26 3.84 -0.08	52.19 3.55 0.00	49.78 3.21 0.00	47.60 2.78 0.00	42.11 2.42 0.00	40.80 2.13 0.00	37.70 1.86 0.00
MODEL_CITY_ENERGY 24167	35.96 -2.83 0.00	30.08 -2.58 0.00	27.58 -2.33 0.00	26.14 -2.55 0.00	25.88 -2.44 0.00	26.80 -2.39 0.00	30.43 -3.80 0.00	30.29 -3.82 0.00	32.01 -4.08 0.00	32.25 -4.23 0.00	30.36 -4.34 0.02	31.85 -4.76 0.02	33.90 -5.34 0.02	33.75 -5.41 0.02	34.74 -5.66 0.02	35.10 -5.84 0.17	34.58 -6.77 3.19	37.12 -7.10 3.13	41.91 -6.71 0.02	40.56 -6.01 0.00	39.80 -5.02 0.00	35.28 -4.41 0.00	34.38 -4.29 0.00	32.68 -3.15 0.00
MODERN_LFGE___ 323580	35.96 -2.83 0.00	30.08 -2.58 0.00	27.58 -2.33 0.00	26.14 -2.55 0.00	25.88 -2.44 0.00	26.80 -2.39 0.00	30.43 -3.80 0.00	30.29 -3.82 0.00	32.01 -4.08 0.00	32.25 -4.23 0.00	30.36 -4.34 0.02	31.85 -4.76 0.02	33.90 -5.34 0.02	33.75 -5.41 0.02	34.74 -5.66 0.02	35.10 -5.84 0.17	34.58 -6.77 3.19	37.12 -7.10 3.13	41.91 -6.71 0.02	40.56 -6.01 0.00	39.80 -5.02 0.00	35.28 -4.41 0.00	34.38 -4.29 0.00	32.68 -3.15 0.00
MOHAWK_PAPER___DRP 24187	40.31 1.51 0.00	33.96 1.31 0.00	31.10 1.20 0.00	29.88 1.18 0.00	29.45 1.13 0.00	30.33 1.14 0.00	35.22 0.99 0.00	35.13 1.02 0.00	37.17 1.08 0.00	37.47 0.99 0.10	35.52 0.90 0.17	37.42 0.95 0.17	40.19 1.02 0.09	40.50 1.14 -0.19	41.84 1.25 -0.17	42.53 1.27 -0.15	46.13 1.38 -0.21	42.04 1.56 6.87	43.94 1.51 6.21	42.46 1.30 5.41	46.03 1.21 0.00	40.76 1.07 0.00	39.68 1.01 0.00	36.66 0.82 0.00
MOHICAN___35_KV_115KV_LD 80490	41.74 2.95 0.00	35.14 2.48 0.00	32.12 2.21 0.00	30.82 2.12 0.00	30.35 2.04 0.00	31.32 2.13 0.00	36.42 2.19 0.00	36.26 2.15 0.00	38.29 2.20 0.00	38.71 2.23 0.00	36.52 1.91 0.10	38.58 2.12 0.18	41.40 2.24 0.10	41.59 2.23 -0.18	42.23 1.66 -0.16	42.85 1.60 -0.14	46.42 1.69 -0.19	54.29 2.32 -4.62	55.18 2.38 -4.15	52.46 2.28 -3.62	47.01 2.20 0.00	41.63 1.94 0.00	41.27 2.59 0.00	38.06 2.22 0.00
MONGAUP___HYD 23641	40.81 2.02 0.00	34.35 1.70 0.00	31.40 1.49 0.00	30.11 1.41 0.00	29.67 1.36 0.00	30.56 1.37 0.00	35.63 1.40 0.00	35.37 1.26 0.00	37.46 1.37 0.00	37.84 1.35 0.00	36.19 1.39 -0.08	38.27 1.50 -0.14	41.14 1.81 -0.07	40.01 1.92 1.08	41.57 2.10 0.95	42.50 2.22 0.82	46.04 2.67 1.17	50.12 2.89 0.12	51.41 2.77 0.00	49.17 2.61 0.00	47.24 2.42 0.00	41.63 1.94 0.00	40.49 1.82 0.00	37.41 1.58 0.00
MONTAUK___DIESEL 23721	41.87 3.06 -0.01	35.21 2.55 -0.01	32.07 2.15 -0.01	30.72 2.01 -0.01	30.33 2.01 -0.01	31.27 2.07 -0.01	35.39 1.16 0.00	35.78 1.67 0.00	38.15 2.06 -0.01	39.62 2.30 -0.83	43.14 2.60 -5.82	45.54 2.75 -6.16	56.72 3.34 -14.12	59.08 3.41 -16.50	59.80 3.72 -15.66	68.69 3.99 -23.60	68.56 4.59 -19.44	67.93 4.50 -16.09	64.28 4.33 -11.31	59.75 4.05 -9.14	50.14 3.41 -1.91	44.55 2.82 -2.04	41.32 2.40 -0.25	38.43 2.58 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.09 -1.71 0.00	31.02 -1.63 0.00	28.59 -1.32 0.00	27.26 -1.43 0.00	26.64 -1.67 0.00	27.61 -1.58 0.00	31.39 -2.84 0.00	31.07 -3.04 0.00	32.70 -3.39 0.00	32.73 -3.76 0.00	30.94 -3.75 0.02	32.54 -4.07 0.02	34.72 -4.52 0.02	34.65 -4.51 0.02	35.62 -4.77 0.02	36.28 -4.69 0.14	35.97 -5.17 3.41	38.80 -5.30 3.24	43.36 -5.25 0.02	41.81 -4.75 0.00	40.96 -3.85 0.00	36.43 -3.25 0.00	35.46 -3.21 0.00	33.40 -2.44 0.00

MORRIS_RIDGE___SOLAR 323848	37.09 -1.71 0.00	31.06 -1.60 0.00	28.50 -1.41 0.00	27.26 -1.43 0.00	27.01 -1.30 0.00	27.96 -1.22 0.00	32.11 -2.12 0.00	31.96 -2.15 0.00	33.70 -2.38 0.00	33.93 -2.55 0.00	31.98 -2.71 0.03	33.63 -2.97 0.03	35.89 -3.34 0.03	35.73 -3.41 0.03	36.87 -3.52 0.03	37.41 -3.58 0.12	28.77 -4.01 11.76	38.51 -4.12 4.71	44.67 -3.94 0.03	43.12 -3.45 0.00	42.04 -2.78 0.00	37.19 -2.50 0.00	36.16 -2.51 0.00	33.90 -1.94 0.00
MORTIMER_115KV_TB3 55949	37.63 -1.16 0.00	31.48 -1.18 0.00	28.89 -1.02 0.00	27.64 -1.06 0.00	27.30 -1.02 0.00	28.23 -0.96 0.00	32.62 -1.61 0.00	32.44 -1.67 0.00	34.32 -1.77 0.00	34.66 -1.82 0.00	32.90 -1.81 0.01	34.72 -1.90 0.01	36.94 -2.32 0.01	36.70 -2.47 0.01	37.90 -2.51 0.01	38.13 -3.00 -0.02	40.46 -3.38 0.69	43.24 -3.60 0.51	45.47 -3.16 0.01	44.05 -2.51 0.00	42.67 -2.15 0.00	37.90 -1.79 0.00	36.86 -1.82 0.00	34.40 -1.43 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.51 2.72 0.00	34.98 2.32 0.00	31.88 1.97 0.00	30.54 1.84 0.00	30.10 1.78 0.00	31.00 1.81 0.00	36.08 1.85 0.00	35.98 1.88 0.00	38.29 2.20 0.00	38.82 2.34 0.00	37.33 2.50 -0.11	39.57 2.75 -0.19	42.51 3.14 -0.10	43.46 3.25 -1.03	44.76 3.44 -0.91	45.43 3.54 -0.79	49.62 3.96 -1.12	51.54 4.12 -0.07	52.48 3.84 0.00	50.06 3.49 0.00	47.91 3.09 0.00	42.39 2.70 0.00	41.03 2.36 0.00	37.92 2.08 0.00
MUNSVILLE_WIND_PWR 323609	40.73 1.94 0.00	34.13 1.47 0.00	31.40 1.49 0.00	30.13 1.43 0.00	29.73 1.42 0.00	30.68 1.49 0.00	35.84 1.61 0.00	35.57 1.47 0.00	37.64 1.55 0.00	38.24 1.75 0.00	36.27 1.53 -0.03	38.35 1.69 -0.03	41.02 1.73 -0.03	40.89 1.68 -0.03	41.94 1.50 -0.03	42.63 1.48 -0.05	48.41 1.47 -2.41	51.25 1.75 -2.15	50.91 2.24 -0.03	48.71 2.14 0.00	47.19 2.37 0.00	41.71 2.02 0.00	40.37 1.70 0.00	37.52 1.68 0.00
N SALMON___HYD 24042	38.13 -0.66 0.00	32.43 -0.23 0.00	29.88 -0.03 0.00	28.90 0.20 0.00	28.60 0.28 0.00	29.51 0.32 0.00	35.02 0.79 0.00	34.93 0.82 0.00	36.88 0.79 0.00	37.40 0.91 0.00	35.52 0.80 0.00	37.40 0.77 0.00	40.09 0.83 0.00	39.80 0.62 0.00	40.90 0.49 0.00	41.80 0.70 0.00	45.43 0.89 0.00	48.10 0.76 0.00	49.46 0.83 0.00	47.35 0.79 0.00	45.89 1.07 0.00	40.96 1.27 0.00	39.88 1.20 0.00	36.91 1.07 0.00
N.AKRON___115KV_KNAPP 355671	36.89 -1.90 0.00	30.89 -1.76 0.00	28.44 -1.47 0.00	27.03 -1.66 0.00	26.73 -1.59 0.00	27.88 -1.31 0.00	31.59 -2.64 0.00	31.38 -2.73 0.00	33.16 -2.92 0.00	33.31 -3.17 0.00	31.58 -3.12 0.02	33.28 -3.33 0.02	35.32 -3.93 0.02	35.08 -4.07 0.02	36.24 -4.16 0.02	35.91 -4.77 0.43	36.18 -5.26 3.11	37.56 -5.54 4.25	43.42 -5.20 0.02	42.28 -4.28 0.00	41.14 -3.68 0.00	36.71 -2.98 0.00	35.70 -2.98 0.00	33.72 -2.11 0.00
N.E_GEN_SANDY PD 24062	40.88 1.94 -0.15	36.60 1.70 -2.25	33.20 1.49 -1.80	31.80 1.41 -1.70	32.60 1.39 -2.90	33.29 1.40 -2.70	35.53 1.30 0.00	35.44 1.33 0.00	38.89 1.45 -1.36	36.44 1.31 1.36	35.18 1.35 0.89	36.61 1.50 1.53	40.16 1.73 0.83	41.56 1.96 -0.43	42.97 2.18 -0.38	43.61 2.18 -0.33	47.45 2.45 -0.46	52.24 2.65 -2.25	53.85 2.43 -2.78	50.54 2.23 -1.75	46.79 1.97 0.00	42.69 1.71 -1.30	38.93 1.55 1.30	37.16 1.33 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.00 2.21 0.00	34.58 1.93 0.00	31.55 1.64 0.00	30.22 1.52 0.00	29.79 1.47 0.00	30.71 1.52 0.00	35.74 1.51 0.00	35.61 1.50 0.00	37.78 1.70 0.00	38.31 1.82 0.00	36.79 1.98 -0.10	39.00 2.20 -0.17	41.90 2.55 -0.09	40.31 2.66 1.52	41.90 2.83 1.34	42.86 2.92 1.16	46.13 3.25 1.66	50.60 3.41 0.16	51.85 3.21 0.00	49.45 2.89 0.00	47.37 2.55 0.00	41.87 2.18 0.00	40.61 1.93 0.00	37.52 1.68 0.00
N.QUEENS_27_KV_LOAD 356247	41.54 2.75 0.01	34.96 2.32 0.02	31.87 1.97 0.01	30.47 1.78 0.01	30.01 1.70 0.01	30.82 1.63 0.00	35.84 1.61 0.00	35.75 1.64 0.00	38.11 2.02 0.00	38.71 2.23 0.00	37.29 2.46 -0.11	39.59 2.78 -0.17	42.61 3.26 -0.09	43.52 3.33 -1.02	44.76 3.44 -0.91	45.39 3.49 -0.79	49.67 3.96 -1.16	51.48 4.02 -0.11	52.24 3.60 0.00	49.78 3.21 0.00	47.69 2.87 0.00	42.27 2.58 0.00	40.80 2.13 0.00	37.84 2.01 0.01
N.TROY___115KV_TB1 355778	40.73 1.94 0.00	34.32 1.67 0.00	31.40 1.50 0.00	30.13 1.43 0.00	29.70 1.39 0.00	30.59 1.40 0.00	35.57 1.33 0.00	35.47 1.36 0.00	37.50 1.41 0.00	37.80 1.31 0.00	35.80 1.22 0.14	37.75 1.36 0.24	40.63 1.49 0.13	40.98 1.61 -0.20	42.29 1.70 -0.17	42.98 1.73 -0.15	46.62 1.87 -0.22	61.19 2.13 -11.71	61.27 2.09 -10.54	57.60 1.86 -9.17	46.57 1.75 0.00	41.20 1.51 0.00	40.18 1.51 0.00	37.13 1.29 0.00
NARROWS_GT1_1 24228	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NARROWS_GT1_2 24229	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NARROWS_GT1_3 24230	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NARROWS_GT1_4 24231	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NARROWS_GT1_5 24232	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00

NARROWS_GT1_6 24233	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NARROWS_GT1_7 24234	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NARROWS_GT1_8 24235	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NARROWS_GT2_1 24236	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NARROWS_GT2_2 24237	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NARROWS_GT2_3 24238	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NARROWS_GT2_4 24239	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NARROWS_GT2_5 24240	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NARROWS_GT2_6 24241	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NARROWS_GT2_7 24242	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NARROWS_GT2_8 24243	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.85 2.06 0.00	34.39 1.73 0.00	31.49 1.59 0.00	30.25 1.55 0.00	29.82 1.50 0.00	30.68 1.49 0.00	35.67 1.44 0.00	35.40 1.30 0.00	37.35 1.26 0.00	37.58 1.09 0.00	35.83 1.15 0.04	37.74 1.17 0.06	40.45 1.22 0.03	40.41 1.14 -0.10	41.76 1.25 -0.09	42.58 1.40 -0.08	46.29 1.65 -0.11	45.78 2.27 3.85	47.51 2.33 3.46	45.69 2.14 3.01	46.57 1.75 0.00	41.08 1.39 0.00	40.14 1.47 0.00	37.09 1.25 0.00
NCHELSEA_115KV_TR2 355582	41.24 2.44 0.00	34.75 2.09 0.00	31.70 1.79 0.00	30.39 1.69 0.00	29.99 1.67 0.00	30.85 1.66 0.00	35.94 1.71 0.00	35.75 1.64 0.00	37.93 1.84 0.00	38.46 1.97 0.00	36.88 2.08 -0.08	39.12 2.34 -0.14	42.09 2.75 -0.08	42.10 2.82 -0.10	43.49 2.99 -0.09	44.27 3.08 -0.08	48.08 3.43 -0.11	50.94 3.60 0.01	52.04 3.40 0.00	49.64 3.07 0.00	47.60 2.78 0.00	42.03 2.34 0.00	40.84 2.17 0.00	37.74 1.90 0.00
NEG CAPITAL___MECHNVIL 23645	41.24 2.45 0.00	34.72 2.06 0.00	31.76 1.85 0.00	30.48 1.78 0.00	30.01 1.70 0.00	30.94 1.75 0.00	35.98 1.74 0.00	35.85 1.74 0.00	37.86 1.77 0.00	38.24 1.75 0.00	36.23 1.63 0.12	38.26 1.83 0.20	41.12 1.96 0.11	41.16 1.80 -0.19	42.56 1.98 -0.16	43.22 1.97 -0.14	46.83 2.09 -0.20	56.71 2.46 -6.90	57.32 2.48 -6.21	54.29 2.33 -5.40	47.06 2.24 0.00	41.63 1.94 0.00	40.72 2.05 0.00	37.63 1.79 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.24 -1.55 0.00	31.16 -1.50 0.00	28.53 -1.38 0.00	27.32 -1.38 0.00	26.96 -1.36 0.00	27.88 -1.31 0.00	32.28 -1.95 0.00	32.13 -1.98 0.00	34.07 -2.02 0.00	34.48 -2.01 0.00	32.66 -2.05 0.01	34.39 -2.24 0.01	36.70 -2.55 0.01	36.50 -2.67 0.01	37.54 -2.87 0.01	38.12 -3.00 -0.01	40.46 -3.56 0.51	43.15 -3.83 0.37	45.42 -3.21 0.01	43.68 -2.89 0.00	42.35 -2.46 0.00	37.47 -2.22 0.00	36.47 -2.20 0.00	33.97 -1.87 0.00



NEG CENTRAL___DRP 24199	38.37 -0.43 0.00	32.13 -0.52 0.00	29.46 -0.45 0.00	28.21 -0.49 0.00	27.83 -0.48 0.00	28.78 -0.41 0.00	33.51 -0.72 0.00	33.32 -0.78 0.00	35.26 -0.83 0.00	35.61 -0.88 0.00	33.80 -0.90 0.01	35.63 -0.99 0.01	38.07 -1.18 0.01	37.91 -1.25 0.01	39.11 -1.29 0.01	39.73 -1.36 0.02	42.65 -1.60 0.28	44.89 -1.61 0.85	47.22 -1.41 0.01	45.35 -1.21 0.00	43.70 -1.12 0.00	38.78 -0.91 0.00	37.75 -0.93 0.00	35.12 -0.72 0.00
NEG CENTRAL___INDECK 23768	38.64 -0.15 0.00	32.36 -0.29 0.00	29.67 -0.24 0.00	28.36 -0.34 0.00	28.03 -0.28 0.00	29.04 -0.15 0.00	33.48 -0.75 0.00	33.29 -0.82 0.00	35.15 -0.94 0.00	35.32 -1.17 0.00	33.23 -1.46 0.03	34.88 -1.72 0.03	37.19 -2.04 0.03	36.99 -2.15 0.03	38.08 -2.30 0.03	38.78 -2.26 0.06	46.45 -2.63 -4.54	43.42 -2.56 1.37	46.86 -1.75 0.03	45.21 -1.35 0.00	44.01 -0.81 0.00	38.90 -0.79 0.00	37.82 -0.85 0.00	35.30 -0.54 0.00
NEG CENTRAL___SENECA 23627	38.37 -0.43 0.00	32.10 -0.56 0.00	29.43 -0.48 0.00	28.18 -0.52 0.00	27.83 -0.48 0.00	28.78 -0.41 0.00	33.41 -0.82 0.00	33.26 -0.85 0.00	35.19 -0.90 0.00	35.50 -0.99 0.00	33.65 -1.04 0.02	35.47 -1.14 0.02	37.86 -1.37 0.02	37.70 -1.45 0.02	38.89 -1.50 0.02	39.51 -1.56 0.04	41.96 -1.87 0.71	43.82 -1.89 1.64	46.91 -1.70 0.02	45.17 -1.40 0.00	43.56 -1.25 0.00	38.74 -0.95 0.00	37.67 -1.01 0.00	35.08 -0.75 0.00
NEG CENTRAL___STATE_STREET 24147	38.56 -0.23 0.00	32.30 -0.36 0.00	29.58 -0.33 0.00	28.33 -0.37 0.00	27.98 -0.34 0.00	28.90 -0.29 0.00	33.72 -0.51 0.00	33.56 -0.55 0.00	35.51 -0.58 0.00	35.90 -0.58 0.00	34.13 -0.59 -0.01	36.02 -0.62 -0.01	38.48 -0.79 -0.01	38.32 -0.86 -0.01	39.49 -0.93 -0.01	40.17 -0.95 -0.01	43.91 -1.11 -0.49	46.77 -1.09 -0.51	47.72 -0.92 -0.01	45.82 -0.75 0.00	44.10 -0.72 0.00	39.05 -0.64 0.00	38.02 -0.66 0.00	35.30 -0.54 0.00
NEG MILLWOOD___DRP 24198	41.43 2.64 0.00	34.94 2.29 0.00	31.88 1.97 0.00	30.56 1.87 0.00	30.13 1.81 0.00	31.03 1.84 0.00	36.11 1.88 0.00	35.95 1.84 0.00	38.22 2.13 0.00	38.71 2.23 0.00	37.21 2.40 -0.10	39.51 2.71 -0.17	42.49 3.14 -0.09	42.86 3.21 -0.47	44.26 3.44 -0.41	45.08 3.62 -0.36	49.06 4.01 -0.51	51.58 4.21 -0.02	52.58 3.94 0.00	50.10 3.54 0.00	47.91 3.09 0.00	42.35 2.66 0.00	41.07 2.40 0.00	37.95 2.11 0.00
NEG NORTH_FLCN_SEA 23793	37.63 -1.16 0.00	32.13 -0.52 0.00	29.79 -0.12 0.00	28.90 0.20 0.00	28.63 0.31 0.00	29.57 0.38 0.00	35.09 0.86 0.00	35.03 0.92 0.00	37.03 0.94 0.00	37.54 1.06 0.00	35.65 0.94 0.00	37.62 0.99 0.00	40.28 1.02 0.00	40.00 0.82 0.00	41.06 0.65 0.00	41.97 0.86 0.00	45.61 1.07 0.00	47.59 0.24 0.00	48.69 0.05 0.00	47.12 0.56 0.00	46.61 1.79 0.00	41.20 1.51 0.00	40.11 1.43 0.00	37.16 1.33 0.00
NEG NORTH_KES_CHATEGAY 23792	37.63 -1.16 0.00	32.04 -0.62 0.00	29.58 -0.33 0.00	28.61 -0.09 0.00	28.32 0.00 0.00	29.22 0.03 0.00	34.71 0.48 0.00	34.62 0.51 0.00	36.59 0.51 0.00	37.07 0.58 0.00	35.20 0.49 0.00	37.11 0.48 0.00	39.77 0.51 0.00	39.53 0.35 0.00	40.66 0.24 0.00	41.48 0.37 0.00	45.07 0.53 0.00	47.63 0.28 0.00	48.93 0.29 0.00	47.08 0.51 0.00	45.89 1.08 0.00	40.60 0.91 0.00	39.53 0.85 0.00	36.63 0.79 0.00
NEG NORTH___ALICE_FALLS 23915	37.75 -1.05 0.00	32.23 -0.42 0.00	29.82 -0.09 0.00	28.93 0.23 0.00	28.65 0.34 0.00	29.60 0.41 0.00	35.12 0.89 0.00	35.03 0.92 0.00	37.03 0.94 0.00	37.54 1.06 0.00	35.65 0.94 0.00	37.59 0.95 0.00	40.28 1.02 0.00	39.96 0.78 0.00	41.06 0.65 0.00	41.97 0.86 0.00	45.61 1.07 0.00	47.87 0.52 0.00	49.08 0.44 0.00	47.40 0.84 0.00	46.61 1.79 0.00	41.20 1.51 0.00	40.11 1.43 0.00	37.16 1.33 0.00
NEG NORTH___LWR_SARANAC 23913	37.75 -1.05 0.00	32.23 -0.42 0.00	29.82 -0.09 0.00	28.93 0.23 0.00	28.65 0.34 0.00	29.60 0.41 0.00	35.12 0.89 0.00	35.03 0.92 0.00	37.03 0.94 0.00	37.54 1.06 0.00	35.65 0.94 0.00	37.59 0.95 0.00	40.28 1.02 0.00	39.96 0.78 0.00	41.06 0.65 0.00	41.97 0.86 0.00	45.61 1.07 0.00	47.87 0.52 0.00	49.08 0.44 0.00	47.40 0.84 0.00	46.61 1.79 0.00	41.20 1.51 0.00	40.11 1.43 0.00	37.16 1.33 0.00
NEG NORTH___PLATTSBURG 23628	37.75 -1.05 0.00	32.23 -0.43 0.00	29.82 -0.09 0.00	28.93 0.23 0.00	28.66 0.34 0.00	29.60 0.41 0.00	35.12 0.89 0.00	35.03 0.92 0.00	37.02 0.94 0.00	37.54 1.06 0.00	35.66 0.94 0.00	37.58 0.95 0.00	40.28 1.02 0.00	39.96 0.78 0.00	41.06 0.64 0.00	41.97 0.86 0.00	45.61 1.07 0.00	47.87 0.52 0.00	49.08 0.44 0.00	46.98 0.42 0.00	45.80 0.98 0.00	41.20 1.51 0.00	40.11 1.43 0.00	37.16 1.33 0.00
NEG WEST_LEA_LOCKPORT 23791	36.04 -2.75 0.00	30.11 -2.55 0.00	27.75 -2.15 0.00	26.40 -2.30 0.00	26.13 -2.18 0.00	27.23 -1.96 0.00	30.77 -3.46 0.00	30.56 -3.55 0.00	32.26 -3.83 0.00	32.36 -4.12 0.00	30.67 -4.03 0.02	32.33 -4.29 0.02	34.30 -4.95 0.02	34.10 -5.05 0.02	35.30 -5.09 0.02	35.17 -5.75 0.18	34.95 -6.37 3.22	37.45 -6.77 3.13	42.01 -6.61 0.02	41.02 -5.54 0.00	39.93 -4.89 0.00	35.68 -4.01 0.00	34.73 -3.94 0.00	32.93 -2.90 0.00
NEG WEST___LANCASTER 23811	36.04 -2.75 0.00	30.14 -2.51 0.00	27.72 -2.18 0.00	26.49 -2.21 0.00	26.22 -2.10 0.00	27.23 -1.96 0.00	31.08 -3.15 0.00	30.80 -3.31 0.00	32.48 -3.61 0.00	32.65 -3.83 0.00	30.94 -3.75 0.02	32.91 -3.70 0.02	35.63 -3.61 0.02	35.74 -3.41 0.02	36.59 -3.80 0.02	37.84 -3.12 0.14	37.59 -3.47 3.48	40.44 -3.69 3.22	44.19 -4.43 0.02	41.58 -4.98 0.00	40.43 -4.39 0.00	36.00 -3.69 0.00	34.96 -3.71 0.00	32.90 -2.94 0.00
NEG_PENN_ALLEGHNY 23528	38.68 -0.12 0.00	32.43 -0.23 0.00	29.70 -0.21 0.00	28.44 -0.26 0.00	28.09 -0.23 0.00	29.02 -0.17 0.00	33.75 -0.48 0.00	33.60 -0.51 0.00	35.55 -0.54 0.00	35.94 -0.55 0.00	34.15 -0.56 0.01	36.04 -0.59 0.01	38.58 -0.67 0.01	38.50 -0.67 0.01	39.68 -0.73 0.01	40.41 -0.66 0.04	43.06 -0.76 0.72	45.55 -0.81 0.99	47.80 -0.83 0.01	45.87 -0.70 0.00	44.23 -0.58 0.00	39.13 -0.56 0.00	38.10 -0.58 0.00	35.41 -0.43 0.00
NEG___GEN_MONROE 24207	37.67 -1.13 0.00	31.55 -1.11 0.00	28.98 -0.93 0.00	27.69 -1.00 0.00	27.35 -0.96 0.00	28.31 -0.88 0.00	32.55 -1.68 0.00	32.30 -1.81 0.00	34.21 -1.88 0.00	34.52 -1.97 0.00	32.69 -2.01 0.01	34.50 -2.12 0.01	36.70 -2.55 0.01	36.46 -2.70 0.01	37.66 -2.75 0.01	37.50 -3.29 0.32	39.60 -3.65 1.29	40.88 -3.88 2.59	45.17 -3.45 0.01	43.82 -2.75 0.00	42.44 -2.38 0.00	37.70 -1.98 0.00	36.74 -1.93 0.00	34.37 -1.47 0.00
NEPA___ENERGY 23901	36.54 -2.25 0.00	30.57 -2.09 0.00	28.11 -1.79 0.00	26.86 -1.84 0.00	26.53 -1.78 0.00	27.55 -1.63 0.00	31.46 -2.77 0.00	31.28 -2.83 0.00	32.91 -3.18 0.00	33.06 -3.43 0.00	31.36 -3.33 0.02	33.09 -3.52 0.02	35.35 -3.89 0.02	35.31 -3.84 0.02	36.39 -4.00 0.02	36.94 -4.03 0.14	36.44 -4.45 3.64	39.43 -4.69 3.23	43.90 -4.72 0.02	42.23 -4.33 0.00	41.10 -3.72 0.00	36.51 -3.18 0.00	35.46 -3.21 0.00	33.29 -2.54 0.00

NEVERSINK___HYD 23608	40.96 2.17 0.00	34.48 1.83 0.00	31.52 1.61 0.00	30.22 1.52 0.00	29.81 1.50 0.00	30.68 1.49 0.00	35.81 1.58 0.00	35.54 1.43 0.00	37.71 1.63 0.00	38.17 1.68 0.00	36.55 1.77 -0.06	38.71 1.98 -0.10	41.63 2.32 -0.06	41.19 2.39 0.37	42.59 2.51 0.33	43.37 2.55 0.28	47.12 2.98 0.41	50.47 3.17 0.05	51.70 3.07 0.00	49.40 2.84 0.00	47.46 2.64 0.00	41.87 2.18 0.00	40.68 2.01 0.00	37.63 1.79 0.00
NEWKRMKL_115KV_TB1 55635	40.00 1.20 0.00	33.73 1.08 0.00	30.89 0.99 0.00	29.67 0.98 0.00	29.25 0.93 0.00	30.12 0.93 0.00	35.02 0.79 0.00	34.89 0.78 0.00	36.92 0.83 0.00	37.22 0.73 0.00	35.22 0.59 0.09	37.07 0.59 0.15	39.81 0.63 0.08	40.11 0.74 -0.19	41.43 0.85 -0.16	42.11 0.86 -0.14	45.68 0.94 -0.20	42.37 1.04 6.02	44.17 0.97 5.44	42.62 0.79 4.74	45.58 0.76 0.00	40.32 0.64 0.00	39.29 0.62 0.00	36.30 0.47 0.00
NEWTON___FALLS_HYD 23847	38.68 -0.12 0.00	32.49 -0.16 0.00	29.88 -0.03 0.00	28.73 0.03 0.00	28.40 0.08 0.00	29.39 0.20 0.00	34.68 0.44 0.00	34.55 0.44 0.00	36.38 0.29 0.00	36.81 0.33 0.00	34.86 0.14 0.00	36.67 0.04 0.00	39.30 0.04 0.00	39.14 -0.04 0.00	40.29 -0.12 0.00	41.11 0.00 0.00	44.58 0.04 0.00	47.54 0.19 0.00	49.03 0.39 0.00	46.94 0.37 0.00	45.36 0.54 0.00	40.20 0.52 0.00	39.06 0.39 0.00	36.16 0.32 0.00
NGRID_A1_DSASP 323792	35.50 -3.30 0.00	29.55 -3.10 0.00	27.10 -2.81 0.00	26.23 -2.47 0.00	25.94 -2.38 0.00	26.88 -2.31 0.00	30.19 -4.04 0.00	30.05 -4.06 0.00	31.76 -4.33 0.00	31.96 -4.53 0.00	30.08 -4.62 0.02	31.56 -5.06 0.02	33.55 -5.69 0.02	33.40 -5.76 0.02	34.37 -6.02 0.02	34.69 -6.25 0.17	34.44 -6.86 3.24	36.49 -7.72 3.14	41.47 -7.15 0.02	40.19 -6.38 0.00	39.44 -5.38 0.00	34.96 -4.72 0.00	34.07 -4.60 0.00	32.22 -3.62 0.00
NGRID_A2_DSASP 323793	35.50 -3.30 0.00	29.55 -3.10 0.00	27.10 -2.81 0.00	26.23 -2.47 0.00	25.94 -2.38 0.00	26.88 -2.31 0.00	30.19 -4.04 0.00	30.05 -4.06 0.00	31.76 -4.33 0.00	31.96 -4.53 0.00	30.08 -4.62 0.02	31.56 -5.06 0.02	33.55 -5.69 0.02	33.40 -5.76 0.02	34.37 -6.02 0.02	34.69 -6.25 0.17	34.44 -6.86 3.24	36.49 -7.72 3.14	41.47 -7.15 0.02	40.19 -6.38 0.00	39.44 -5.38 0.00	34.96 -4.72 0.00	34.07 -4.60 0.00	32.22 -3.62 0.00
NGRID_A4_DSASP 323807	35.50 -3.30 0.00	29.55 -3.10 0.00	27.10 -2.81 0.00	26.23 -2.47 0.00	25.94 -2.38 0.00	26.88 -2.31 0.00	30.19 -4.04 0.00	30.05 -4.06 0.00	31.76 -4.33 0.00	31.96 -4.53 0.00	30.08 -4.62 0.02	31.56 -5.06 0.02	33.55 -5.69 0.02	33.40 -5.76 0.02	34.37 -6.02 0.02	34.69 -6.25 0.17	34.44 -6.86 3.24	36.49 -7.72 3.14	41.47 -7.15 0.02	40.19 -6.38 0.00	39.44 -5.38 0.00	34.96 -4.72 0.00	34.07 -4.60 0.00	32.22 -3.62 0.00
NIAGARA_115E_LBMP 323715	35.81 -2.99 0.00	29.95 -2.71 0.00	27.46 -2.45 0.00	26.00 -2.70 0.00	25.71 -2.60 0.00	26.65 -2.54 0.00	30.26 -3.97 0.00	30.12 -3.99 0.00	31.83 -4.26 0.00	32.03 -4.45 0.00	30.15 -4.55 0.02	31.63 -4.98 0.02	33.67 -5.58 0.02	33.52 -5.64 0.02	34.49 -5.90 0.02	34.86 -6.08 0.17	34.31 -6.99 3.24	36.83 -7.39 3.14	41.62 -7.00 0.02	40.28 -6.29 0.00	39.57 -5.24 0.00	35.09 -4.60 0.00	34.15 -4.52 0.00	32.54 -3.30 0.00
NIAGARA_115W_LBMP 323714	35.42 -3.38 0.00	29.49 -3.17 0.00	27.01 -2.90 0.00	26.17 -2.53 0.00	25.91 -2.41 0.00	26.85 -2.34 0.00	30.09 -4.14 0.00	29.98 -4.13 0.00	31.68 -4.40 0.00	31.89 -4.60 0.00	30.01 -4.69 0.02	31.45 -5.16 0.02	33.43 -5.81 0.02	33.32 -5.84 0.02	34.29 -6.10 0.02	34.61 -6.33 0.17	34.39 -6.90 3.24	36.40 -7.81 3.14	41.37 -7.25 0.02	40.04 -6.52 0.00	39.35 -5.47 0.00	34.88 -4.80 0.00	33.99 -4.68 0.00	32.11 -3.73 0.00
NIAGARA_230_LBMP 323716	35.96 -2.83 0.00	29.98 -2.68 0.00	27.46 -2.45 0.00	26.29 -2.41 0.00	26.02 -2.29 0.00	26.97 -2.22 0.00	30.60 -3.63 0.00	30.49 -3.62 0.00	32.19 -3.90 0.00	32.43 -4.05 0.00	30.53 -4.17 0.02	32.03 -4.58 0.02	34.06 -5.18 0.02	33.95 -5.21 0.02	34.90 -5.50 0.02	35.29 -5.67 0.15	34.68 -6.64 3.22	37.13 -7.10 3.12	42.15 -6.47 0.02	40.79 -5.78 0.00	40.02 -4.79 0.00	35.48 -4.21 0.00	34.54 -4.14 0.00	32.65 -3.19 0.00
NIAGARA___115KV_198_GIBSON 55903	35.53 -3.26 0.00	29.36 -3.30 0.00	27.01 -2.90 0.00	26.17 -2.53 0.00	25.91 -2.41 0.00	26.50 -2.69 0.00	30.09 -4.14 0.00	29.91 -4.20 0.00	31.54 -4.55 0.00	31.63 -4.85 0.00	30.01 -4.69 0.02	31.60 -5.02 0.02	33.43 -5.81 0.02	33.28 -5.88 0.02	34.45 -5.94 0.02	34.20 -6.74 0.17	34.35 -6.95 3.24	36.35 -7.86 3.14	40.89 -7.73 0.02	40.04 -6.52 0.00	38.99 -5.83 0.00	34.89 -4.80 0.00	34.00 -4.68 0.00	32.11 -3.73 0.00
NIAGARA___ 23760	35.96 -2.83 0.00	29.98 -2.68 0.00	27.46 -2.45 0.00	26.29 -2.41 0.00	26.02 -2.29 0.00	26.97 -2.22 0.00	30.60 -3.63 0.00	30.49 -3.62 0.00	32.19 -3.90 0.00	32.43 -4.05 0.00	30.53 -4.17 0.02	32.03 -4.58 0.02	34.06 -5.18 0.02	33.95 -5.21 0.02	34.90 -5.50 0.02	35.28 -5.67 0.16	34.67 -6.64 3.23	37.12 -7.10 3.12	42.15 -6.47 0.02	40.79 -5.78 0.00	40.02 -4.79 0.00	35.48 -4.21 0.00	34.54 -4.14 0.00	32.65 -3.19 0.00
NINE_MILE_1 23575	37.59 -1.20 0.00	31.58 -1.08 0.00	28.89 -1.02 0.00	27.72 -0.98 0.00	27.35 -0.96 0.00	28.23 -0.96 0.00	32.96 -1.27 0.00	32.81 -1.30 0.00	34.75 -1.33 0.00	35.14 -1.35 0.00	33.40 -1.32 0.00	35.20 -1.43 0.00	37.69 -1.57 0.00	37.57 -1.61 0.00	38.72 -1.70 0.00	39.38 -1.72 0.00	42.58 -1.96 0.00	45.28 -2.08 -0.02	46.64 -2.00 0.00	44.70 -1.86 0.00	43.07 -1.75 0.00	38.14 -1.55 0.00	37.13 -1.55 0.00	34.47 -1.36 0.00
NINE_MILE_2 23744	37.59 -1.20 0.00	31.58 -1.08 0.00	28.89 -1.02 0.00	27.72 -0.98 0.00	27.35 -0.96 0.00	28.23 -0.96 0.00	32.96 -1.27 0.00	32.85 -1.26 0.00	34.75 -1.33 0.00	35.14 -1.35 0.00	33.40 -1.32 0.00	35.20 -1.43 0.00	37.69 -1.57 0.00	37.57 -1.61 0.00	38.72 -1.70 0.00	39.38 -1.72 0.00	42.58 -1.96 0.00	45.28 -2.08 -0.02	46.64 -2.00 0.00	44.70 -1.86 0.00	43.07 -1.75 0.00	38.14 -1.55 0.00	37.13 -1.55 0.00	34.47 -1.36 0.00
NM_CAPITAL___DRP 24208	40.07 1.28 0.00	33.80 1.14 0.00	30.95 1.05 0.00	29.73 1.03 0.00	29.31 0.99 0.00	30.18 0.99 0.00	35.05 0.82 0.00	34.96 0.85 0.00	36.95 0.87 0.00	37.29 0.80 0.00	35.28 0.66 0.10	37.16 0.70 0.16	39.92 0.75 0.09	40.23 0.86 -0.19	41.56 0.97 -0.17	42.24 0.99 -0.15	45.82 1.07 -0.21	41.23 1.23 7.35	43.12 1.12 6.64	41.71 0.93 5.78	45.71 0.90 0.00	40.44 0.75 0.00	39.41 0.73 0.00	36.41 0.57 0.00
NM_CENTRAL___DRP 24181	38.25 -0.54 0.00	32.10 -0.56 0.00	29.40 -0.51 0.00	28.15 -0.55 0.00	27.78 -0.54 0.00	28.69 -0.50 0.00	33.48 -0.75 0.00	33.32 -0.78 0.00	35.29 -0.79 0.00	35.68 -0.80 0.00	33.92 -0.80 0.00	35.79 -0.84 0.00	38.24 -1.02 0.00	38.12 -1.06 0.00	39.32 -1.09 0.00	39.91 -1.19 0.00	43.16 -1.38 0.00	45.93 -1.42 0.00	47.33 -1.31 0.00	45.35 -1.21 0.00	43.65 -1.17 0.00	38.70 -0.99 0.00	37.67 -1.01 0.00	35.01 -0.82 0.00

NM_FRONTIER___DRP 24179	35.53 -3.26 0.00	29.36 -3.30 0.00	27.01 -2.90 0.00	26.17 -2.53 0.00	25.91 -2.41 0.00	26.50 -2.69 0.00	30.09 -4.14 0.00	29.91 -4.20 0.00	31.54 -4.55 0.00	31.63 -4.85 0.00	30.01 -4.69 0.02	31.60 -5.02 0.02	33.43 -5.81 0.02	33.28 -5.88 0.02	34.45 -5.94 0.02	34.20 -6.74 0.17	34.35 -6.95 3.24	36.35 -7.86 3.14	40.89 -7.73 0.02	40.04 -6.52 0.00	38.99 -5.83 0.00	34.89 -4.80 0.00	34.00 -4.68 0.00	32.11 -3.73 0.00
NM_ST_REGIS___HYD 24053	38.44 -0.35 0.00	32.53 -0.13 0.00	29.88 -0.03 0.00	28.81 0.11 0.00	28.48 0.17 0.00	29.39 0.20 0.00	34.88 0.65 0.00	34.79 0.68 0.00	36.70 0.61 0.00	37.18 0.69 0.00	35.27 0.56 0.00	37.15 0.51 0.00	39.81 0.55 0.00	39.57 0.39 0.00	40.70 0.28 0.00	41.56 0.45 0.00	45.12 0.58 0.00	47.96 0.62 0.00	49.37 0.73 0.00	47.31 0.75 0.00	45.89 1.08 0.00	40.64 0.95 0.00	39.56 0.89 0.00	36.63 0.79 0.00
NORTHPORT___1 23551	41.91 3.10 -0.01	35.31 2.64 -0.01	32.19 2.27 -0.01	30.86 2.15 -0.01	30.50 2.18 -0.01	31.45 2.25 -0.01	36.04 1.81 0.00	36.22 2.12 0.00	38.55 2.46 -0.01	39.71 2.41 -0.82	42.68 2.22 -5.74	44.72 2.01 -6.07	55.62 2.44 -13.92	58.12 2.67 -16.28	58.74 2.87 -15.45	67.21 2.83 -23.27	67.19 3.48 -19.18	66.90 3.70 -15.86	63.19 3.40 -11.15	58.83 3.26 -9.01	49.44 2.73 -1.89	44.24 2.54 -2.01	41.51 2.59 -0.24	38.32 2.47 -0.01
NORTHPORT___2 23552	41.91 3.10 -0.01	35.31 2.64 -0.01	32.19 2.27 -0.01	30.86 2.15 -0.01	30.50 2.18 -0.01	31.45 2.25 -0.01	36.04 1.81 0.00	36.22 2.12 0.00	38.55 2.46 -0.01	39.71 2.41 -0.82	42.68 2.22 -5.74	44.72 2.01 -6.07	55.62 2.44 -13.92	58.12 2.67 -16.28	58.74 2.87 -15.45	67.21 2.83 -23.27	67.19 3.48 -19.18	66.90 3.70 -15.86	63.19 3.40 -11.15	58.83 3.26 -9.01	49.44 2.73 -1.89	44.24 2.54 -2.01	41.51 2.59 -0.24	38.32 2.47 -0.01
NORTHPORT___3 23553	41.67 2.87 -0.01	35.18 2.51 -0.01	32.10 2.18 -0.01	30.78 2.07 -0.01	30.36 2.04 -0.01	31.30 2.10 -0.01	36.04 1.81 0.00	36.19 2.08 0.00	38.51 2.42 -0.01	39.68 2.37 -0.83	42.70 2.19 -5.79	44.70 1.94 -6.13	55.66 2.36 -14.04	58.18 2.58 -16.42	58.75 2.75 -15.59	67.34 2.75 -23.48	67.12 3.25 -19.33	66.80 3.45 -15.99	63.05 3.16 -11.25	58.64 2.98 -9.09	49.14 2.42 -1.90	44.02 2.30 -2.03	41.36 2.44 -0.25	38.17 2.33 -0.01
NORTHPORT___4 23650	41.67 2.87 -0.01	35.18 2.51 -0.01	32.10 2.18 -0.01	30.78 2.07 -0.01	30.36 2.04 -0.01	31.30 2.10 -0.01	36.04 1.81 0.00	36.19 2.08 0.00	38.51 2.42 -0.01	39.68 2.37 -0.83	42.70 2.19 -5.79	44.70 1.94 -6.13	55.66 2.36 -14.04	58.18 2.58 -16.42	58.75 2.75 -15.59	67.34 2.75 -23.48	67.12 3.25 -19.33	66.80 3.45 -15.99	63.05 3.16 -11.25	58.64 2.98 -9.09	49.14 2.42 -1.90	44.02 2.30 -2.03	41.36 2.44 -0.25	38.17 2.33 -0.01
NORTHPORT___IC 23718	41.94 3.14 -0.01	35.38 2.71 -0.01	32.19 2.27 -0.01	30.86 2.15 -0.01	30.50 2.18 -0.01	31.45 2.25 -0.01	36.04 1.81 0.00	36.29 2.18 0.00	38.55 2.45 -0.01	39.75 2.44 -0.82	42.68 2.22 -5.74	44.76 2.05 -6.07	55.65 2.47 -13.92	57.96 2.51 -16.28	58.66 2.79 -15.45	67.30 2.92 -23.27	67.19 3.47 -19.18	66.90 3.69 -15.86	63.24 3.45 -11.15	58.83 3.26 -9.01	49.62 2.91 -1.89	44.24 2.54 -2.01	41.51 2.59 -0.24	38.32 2.47 -0.01
NORTH___COUNTRY_ESR 323785	37.59 -1.20 0.00	31.97 -0.69 0.00	29.52 -0.39 0.00	28.56 -0.14 0.00	28.26 -0.06 0.00	29.16 -0.03 0.00	34.64 0.41 0.00	34.55 0.44 0.00	36.52 0.43 0.00	37.00 0.51 0.00	35.17 0.45 0.00	37.07 0.44 0.00	39.74 0.47 0.00	39.45 0.28 0.00	40.62 0.20 0.00	41.43 0.33 0.00	44.98 0.45 0.00	47.54 0.19 0.00	48.79 0.15 0.00	46.75 0.19 0.00	45.31 0.49 0.00	40.52 0.83 0.00	39.45 0.77 0.00	36.55 0.72 0.00
NPX_GEN_1385_PROXY 323591	42.25 3.45 -0.01	35.61 2.94 -0.01	32.31 2.39 -0.01	30.95 2.24 -0.01	30.90 2.58 -0.01	31.80 2.60 -0.01	35.94 1.71 0.00	36.19 2.08 0.00	39.77 2.31 -1.37	38.10 2.15 0.54	42.30 1.84 -5.74	44.17 1.47 -6.07	51.24 1.77 -10.21	57.45 2.00 -16.28	58.05 2.18 -15.45	66.60 2.22 -23.27	67.10 3.38 -19.18	66.76 3.55 -15.86	63.05 3.26 -11.15	58.74 3.17 -9.01	49.57 2.87 -1.89	45.70 2.70 -3.31	40.37 2.75 1.05	38.43 2.58 -0.01
NPX_GEN_CSC 323557	41.60 2.79 -0.01	35.02 2.35 -0.01	31.92 2.00 -0.01	30.57 1.86 -0.01	30.19 1.87 -0.01	31.09 1.90 -0.01	35.60 1.37 0.00	35.85 1.74 0.00	39.55 2.09 -1.37	38.11 2.15 0.53	42.66 2.12 -5.82	44.88 2.09 -6.16	55.89 2.52 -14.11	58.49 2.82 -16.49	59.11 3.03 -15.66	67.69 3.00 -23.59	67.66 3.69 -19.43	67.31 3.88 -16.08	63.59 3.65 -11.31	59.23 3.54 -9.13	49.51 2.78 -1.91	45.57 2.54 -3.34	39.95 2.32 1.05	38.07 2.22 -0.01
NSINS_S_GLNS_FALLS 23858	41.74 2.95 0.00	35.14 2.48 0.00	32.12 2.21 0.00	30.82 2.12 0.00	30.35 2.04 0.00	31.32 2.13 0.00	36.42 2.19 0.00	36.22 2.11 0.00	38.29 2.20 0.00	38.75 2.26 0.00	36.53 1.91 0.10	38.58 2.12 0.17	41.41 2.24 0.09	41.59 2.23 -0.18	42.15 1.58 -0.16	42.76 1.52 -0.14	46.29 1.56 -0.19	53.89 2.18 -4.37	54.85 2.29 -3.92	52.17 2.19 -3.42	46.92 2.11 0.00	41.59 1.91 0.00	41.27 2.59 0.00	38.06 2.22 0.00
NUCOR_STEEL___DRP 24197	38.64 -0.16 0.00	32.36 -0.29 0.00	29.64 -0.27 0.00	28.41 -0.29 0.00	28.03 -0.28 0.00	28.96 -0.23 0.00	33.79 -0.44 0.00	33.60 -0.51 0.00	35.58 -0.51 0.00	35.94 -0.55 0.00	34.17 -0.56 -0.01	36.09 -0.55 -0.01	38.52 -0.75 -0.01	38.40 -0.78 -0.01	39.57 -0.85 -0.01	40.26 -0.86 -0.01	44.03 -1.07 -0.56	46.84 -1.09 -0.58	47.72 -0.92 -0.01	45.82 -0.75 0.00	44.10 -0.72 0.00	39.09 -0.60 0.00	38.06 -0.62 0.00	35.37 -0.47 0.00
NUMBER_THREE_WT_PWR 323818	38.75 -0.04 0.00	32.46 -0.19 0.00	29.88 -0.03 0.00	28.79 0.09 0.00	28.46 0.14 0.00	29.57 0.38 0.00	34.74 0.51 0.00	34.59 0.48 0.00	36.23 0.14 0.00	36.67 0.18 0.00	34.68 -0.03 0.00	36.45 -0.18 0.00	39.07 -0.20 0.00	38.94 -0.23 0.00	40.13 -0.28 0.00	40.94 -0.16 0.00	44.40 -0.13 0.00	47.35 0.00 0.00	48.93 0.29 0.00	46.80 0.23 0.00	45.17 0.36 0.00	39.97 0.28 0.00	38.79 0.12 0.00	35.94 0.11 0.00
NYISO_LBMP_REFERENCE 24008	38.79 0.00 0.00	32.66 0.00 0.00	29.91 0.00 0.00	28.70 0.00 0.00	28.32 0.00 0.00	29.19 0.00 0.00	34.23 0.00 0.00	34.11 0.00 0.00	36.09 0.00 0.00	36.49 0.00 0.00	34.72 0.00 0.00	36.63 0.00 0.00	39.26 0.00 0.00	39.17 0.00 0.00	40.41 0.00 0.00	41.11 0.00 0.00	44.54 0.00 0.00	47.35 0.00 0.00	48.64 0.00 0.00	46.56 0.00 0.00	44.82 0.00 0.00	39.69 0.00 0.00	38.67 0.00 0.00	35.84 0.00 0.00
NYPA_BRENTWD____GT 24164	42.37 3.57 -0.01	35.67 3.00 -0.01	32.55 2.63 -0.01	31.18 2.47 -0.01	30.79 2.46 -0.01	31.71 2.51 -0.01	36.39 2.16 0.00	36.57 2.46 0.00	38.95 2.85 -0.01	40.21 2.88 -0.84	43.38 2.74 -5.92	45.60 2.71 -6.26	56.79 3.18 -14.35	59.38 3.45 -16.75	59.96 3.64 -15.91	68.62 3.54 -23.97	68.47 4.19 -19.74	68.15 4.45 -16.35	64.32 4.18 -11.50	60.04 4.19 -9.29	50.30 3.54 -1.94	44.98 3.21 -2.07	42.02 3.10 -0.25	38.75 2.90 -0.01

NYPA_GOWANUS____GT5 24156	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NYPA_GOWANUS____GT6 24157	41.82 3.03 0.00	35.31 2.64 -0.01	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	38.97 2.48 0.00	37.61 2.78 -0.11	39.84 3.00 -0.20	42.83 3.46 -0.11	43.86 3.64 -1.04	45.16 3.84 -0.91	45.72 3.82 -0.79	50.11 4.45 -1.12	51.92 4.50 -0.07	52.63 3.99 0.00	50.24 3.68 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.36 0.00
NYPA_HARLEM__RVR__GT1 24160	41.51 2.71 0.00	34.92 2.29 0.02	31.84 1.94 0.02	30.46 1.78 0.02	29.97 1.67 0.02	30.79 1.60 0.01	35.80 1.58 0.01	35.70 1.60 0.01	38.06 1.98 0.01	38.59 2.12 0.01	37.25 2.43 -0.10	39.49 2.67 -0.18	42.46 3.10 -0.10	43.49 3.29 -1.02	44.71 3.40 -0.90	45.26 3.37 -0.78	49.57 3.92 -1.11	51.34 3.93 -0.06	52.08 3.45 0.01	49.77 3.21 0.01	47.59 2.78 0.01	42.22 2.54 0.01	40.75 2.09 0.01	37.79 1.97 0.02
NYPA_HARLEM__RVR__GT2 24161	41.51 2.71 0.00	34.92 2.29 0.02	31.84 1.94 0.02	30.46 1.78 0.02	29.97 1.67 0.02	30.79 1.60 0.01	35.80 1.58 0.01	35.70 1.60 0.01	38.06 1.98 0.01	38.59 2.12 0.01	37.25 2.43 -0.10	39.49 2.67 -0.18	42.46 3.10 -0.10	43.49 3.29 -1.02	44.71 3.40 -0.90	45.26 3.37 -0.78	49.57 3.92 -1.11	51.34 3.93 -0.06	52.08 3.45 0.01	49.77 3.21 0.01	47.59 2.78 0.01	42.22 2.54 0.01	40.75 2.09 0.01	37.79 1.97 0.02
NYPA_KENT____GT 24152	41.78 2.99 0.00	35.24 2.58 -0.01	32.12 2.21 0.00	30.71 2.01 0.00	30.24 1.93 0.00	31.06 1.87 0.00	36.11 1.88 0.00	35.98 1.87 0.00	38.36 2.27 0.00	38.93 2.44 0.00	37.57 2.74 -0.11	39.80 2.97 -0.20	42.79 3.41 -0.11	43.82 3.60 -1.04	45.12 3.80 -0.91	45.67 3.78 -0.79	50.03 4.37 -1.12	51.82 4.40 -0.07	52.53 3.89 0.00	50.20 3.63 0.00	48.05 3.23 0.00	42.55 2.86 0.00	41.11 2.44 0.00	38.13 2.30 0.00
NYPA_POUCH1____GT 24155	41.78 2.99 0.00	35.34 2.68 -0.01	32.21 2.30 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	35.95 1.84 0.00	38.33 2.24 0.00	38.89 2.41 0.00	37.57 2.74 -0.11	39.76 2.93 -0.20	42.71 3.34 -0.11	43.74 3.53 -1.04	45.08 3.76 -0.91	45.67 3.78 -0.79	50.03 4.37 -1.12	51.87 4.45 -0.07	52.53 3.89 0.00	50.15 3.59 0.00	48.05 3.23 0.00	42.55 2.86 0.00	41.07 2.40 0.00	38.24 2.40 0.00
NYPA_VERNON____GT2 24162	41.70 2.91 0.00	35.15 2.48 -0.01	32.06 2.15 0.00	30.68 1.98 0.00	30.18 1.87 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.36 2.27 0.00	38.89 2.41 0.00	37.54 2.71 -0.11	39.76 2.93 -0.20	42.75 3.38 -0.11	43.74 3.53 -1.04	45.04 3.72 -0.91	45.60 3.70 -0.79	49.89 4.23 -1.12	51.73 4.31 -0.07	52.43 3.80 0.00	50.10 3.54 0.00	47.95 3.14 0.00	42.51 2.82 0.00	41.07 2.40 0.00	38.06 2.22 0.00
NYPA_VERNON____GT3 24163	41.70 2.91 0.00	35.15 2.48 -0.01	32.06 2.15 0.00	30.68 1.98 0.00	30.18 1.87 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.36 2.27 0.00	38.89 2.41 0.00	37.54 2.71 -0.11	39.76 2.93 -0.20	42.75 3.38 -0.11	43.74 3.53 -1.04	45.04 3.72 -0.91	45.60 3.70 -0.79	49.89 4.23 -1.12	51.73 4.31 -0.07	52.43 3.80 0.00	50.10 3.54 0.00	47.95 3.14 0.00	42.51 2.82 0.00	41.07 2.40 0.00	38.06 2.22 0.00
NYPA____ASTORIA_CC1 323568	41.66 2.87 0.00	35.12 2.45 -0.01	32.03 2.12 0.00	30.65 1.95 0.00	30.15 1.84 0.00	31.00 1.81 0.00	36.04 1.81 0.00	35.91 1.81 0.00	38.29 2.20 0.00	38.86 2.37 0.00	37.47 2.64 -0.11	39.72 2.89 -0.20	42.71 3.34 -0.11	43.70 3.49 -1.04	45.00 3.68 -0.91	45.51 3.62 -0.79	49.85 4.19 -1.12	51.63 4.21 -0.07	52.38 3.75 0.00	50.06 3.49 0.00	47.87 3.05 0.00	42.47 2.78 0.00	41.03 2.36 0.00	38.02 2.19 0.00
NYPA____ASTORIA_CC2 323569	41.66 2.87 0.00	35.12 2.45 -0.01	32.03 2.12 0.00	30.65 1.95 0.00	30.15 1.84 0.00	31.00 1.81 0.00	36.04 1.81 0.00	35.91 1.81 0.00	38.29 2.20 0.00	38.86 2.37 0.00	37.47 2.64 -0.11	39.72 2.89 -0.20	42.71 3.34 -0.11	43.70 3.49 -1.04	45.00 3.68 -0.91	45.51 3.62 -0.79	49.85 4.19 -1.12	51.63 4.21 -0.07	52.38 3.75 0.00	50.06 3.49 0.00	47.87 3.05 0.00	42.47 2.78 0.00	41.03 2.36 0.00	38.02 2.19 0.00
NYPA____HOLTSVILL 23794	41.98 3.18 -0.01	35.34 2.68 -0.01	32.25 2.33 -0.01	30.89 2.18 -0.01	30.50 2.18 -0.01	31.45 2.25 -0.01	36.04 1.81 0.00	36.26 2.15 0.00	38.58 2.49 -0.01	39.83 2.52 -0.83	42.93 2.39 -5.81	45.09 2.31 -6.15	56.11 2.75 -14.10	58.67 3.02 -16.47	59.29 3.23 -15.64	67.83 3.17 -23.56	67.78 3.83 -19.41	67.48 4.07 -16.06	63.73 3.80 -11.29	59.41 3.73 -9.12	49.78 3.05 -1.91	44.50 2.78 -2.04	41.55 2.63 -0.25	38.43 2.58 -0.01
NYPA____HELLGATE_GT1 24158	41.49 2.71 0.02	34.95 2.29 -0.01	31.85 1.94 0.00	30.48 1.78 0.00	29.98 1.67 0.00	30.79 1.60 0.01	35.80 1.58 0.01	35.70 1.60 0.01	38.06 1.98 0.01	38.59 2.12 0.01	37.25 2.43 -0.10	39.49 2.67 -0.18	42.46 3.10 -0.10	43.49 3.29 -1.02	44.71 3.40 -0.90	45.26 3.37 -0.78	49.57 3.92 -1.11	51.34 3.93 -0.06	52.08 3.45 0.01	49.77 3.21 0.01	47.59 2.78 0.01	42.22 2.54 0.01	40.75 2.09 0.01	37.81 1.97 0.00
NYPA____HELLGATE_GT2 24159	41.49 2.71 0.02	34.95 2.29 -0.01	31.85 1.94 0.00	30.48 1.78 0.00	29.98 1.67 0.00	30.79 1.60 0.01	35.80 1.58 0.01	35.70 1.60 0.01	38.06 1.98 0.01	38.59 2.12 0.01	37.25 2.43 -0.10	39.49 2.67 -0.18	42.46 3.10 -0.10	43.49 3.29 -1.02	44.71 3.40 -0.90	45.26 3.37 -0.78	49.57 3.92 -1.11	51.34 3.93 -0.06	52.08 3.45 0.01	49.77 3.21 0.01	47.59 2.78 0.01	42.22 2.54 0.01	40.75 2.09 0.01	37.81 1.97 0.00
NYS_BARGE____HYD 23848	36.27 -2.52 0.00	30.31 -2.35 0.00	27.79 -2.12 0.00	26.40 -2.30 0.00	26.14 -2.18 0.00	27.09 -2.10 0.00	30.77 -3.46 0.00	30.60 -3.51 0.00	32.37 -3.72 0.00	32.62 -3.87 0.00	30.67 -4.03 0.02	32.22 -4.40 0.02	34.30 -4.95 0.02	34.14 -5.01 0.02	35.10 -5.29 0.02	35.49 -5.43 0.19	35.13 -6.32 3.09	37.57 -6.67 3.10	42.39 -6.23 0.02	41.02 -5.54 0.00	40.25 -4.57 0.00	35.68 -4.01 0.00	34.73 -3.95 0.00	32.94 -2.90 0.00
OAK ORCHARD____HYD 24046	37.71 -1.09 0.00	31.55 -1.11 0.00	28.89 -1.02 0.00	27.64 -1.06 0.00	27.30 -1.02 0.00	28.23 -0.96 0.00	32.62 -1.61 0.00	32.47 -1.64 0.00	34.39 -1.70 0.00	34.77 -1.71 0.00	32.90 -1.81 0.01	34.64 -1.98 0.01	36.94 -2.32 0.01	36.73 -2.43 0.01	37.78 -2.63 0.01	38.33 -2.80 -0.02	40.50 -3.34 0.69	43.24 -3.60 0.51	45.76 -2.87 0.01	44.09 -2.47 0.00	42.85 -1.97 0.00	37.90 -1.79 0.00	36.86 -1.82 0.00	34.40 -1.43 0.00

OAKDALE___35_KV_LOAD 356122	38.48 -0.31 0.00	32.30 -0.36 0.00	29.61 -0.30 0.00	28.35 -0.34 0.00	27.98 -0.34 0.00	28.93 -0.26 0.00	33.61 -0.62 0.00	33.46 -0.65 0.00	35.37 -0.72 0.00	35.76 -0.73 0.00	34.01 -0.69 0.01	35.89 -0.73 0.01	38.43 -0.82 0.01	38.34 -0.82 0.01	39.55 -0.85 0.01	40.28 -0.78 0.04	42.69 -0.94 0.91	45.19 -0.95 1.21	47.70 -0.92 0.01	45.68 -0.88 0.00	44.01 -0.81 0.00	38.97 -0.71 0.00	37.94 -0.73 0.00	35.26 -0.57 0.00
OCC_CHEM___DRP 24175	35.61 -3.18 0.00	29.42 -3.23 0.00	27.10 -2.81 0.00	26.23 -2.47 0.00	25.94 -2.38 0.00	26.59 -2.60 0.00	30.19 -4.04 0.00	30.02 -4.09 0.00	31.65 -4.44 0.00	31.74 -4.74 0.00	30.08 -4.62 0.02	31.67 -4.95 0.02	33.51 -5.73 0.02	33.36 -5.80 0.02	34.54 -5.86 0.02	34.28 -6.66 0.17	34.39 -6.90 3.24	36.44 -7.77 3.14	40.98 -7.64 0.02	40.14 -6.43 0.00	39.08 -5.74 0.00	34.97 -4.72 0.00	34.07 -4.60 0.00	32.18 -3.66 0.00
OH_GEN_PROXY 24063	36.00 -2.79 0.00	30.01 -2.64 0.00	27.49 -2.42 0.00	26.32 -2.38 0.00	26.05 -2.27 0.00	26.97 -2.22 0.00	30.67 -3.56 0.00	30.56 -3.55 0.00	33.62 -3.83 -1.36	31.15 -3.98 1.36	30.60 -4.10 0.02	32.11 -4.51 0.02	34.18 -5.06 0.02	34.03 -5.13 0.02	35.02 -5.38 0.02	34.92 -5.55 0.64	35.00 -6.46 3.08	37.30 -6.96 3.09	42.30 -6.32 0.02	40.93 -5.64 0.00	40.16 -4.66 0.00	36.86 -4.13 -1.30	33.32 -4.06 1.30	32.68 -3.15 0.00
OLIN_CORP_DRP 24177	35.53 -3.26 0.00	29.82 -2.84 0.00	27.49 -2.42 0.00	26.06 -2.64 0.00	25.79 -2.52 0.00	26.97 -2.22 0.00	30.33 -3.90 0.00	30.15 -3.96 0.00	31.79 -4.29 0.00	31.89 -4.60 0.00	30.25 -4.44 0.02	31.85 -4.76 0.02	33.75 -5.50 0.02	33.59 -5.56 0.02	34.78 -5.62 0.02	34.61 -6.33 0.16	34.32 -6.95 3.27	36.86 -7.34 3.15	41.32 -7.30 0.02	40.37 -6.19 0.00	39.31 -5.51 0.00	35.16 -4.52 0.00	34.23 -4.45 0.00	32.58 -3.26 0.00
OLIN_CORP_DSASP 323712	35.50 -3.30 0.00	29.55 -3.10 0.00	27.10 -2.81 0.00	26.23 -2.47 0.00	25.94 -2.38 0.00	26.88 -2.31 0.00	30.19 -4.04 0.00	30.05 -4.06 0.00	31.76 -4.33 0.00	31.96 -4.53 0.00	30.08 -4.62 0.02	31.56 -5.06 0.02	33.55 -5.69 0.02	33.40 -5.76 0.02	34.37 -6.02 0.02	34.69 -6.25 0.17	34.44 -6.86 3.24	36.49 -7.72 3.14	41.47 -7.15 0.02	40.19 -6.38 0.00	39.44 -5.38 0.00	34.96 -4.72 0.00	34.07 -4.60 0.00	32.22 -3.62 0.00
ONEIDA_HERK_LFGE 323681	39.26 0.47 0.00	32.92 0.26 0.00	30.24 0.33 0.00	29.04 0.35 0.00	28.68 0.37 0.00	29.69 0.50 0.00	34.78 0.55 0.00	34.62 0.51 0.00	36.49 0.40 0.00	36.96 0.47 0.00	35.03 0.31 0.00	36.92 0.29 0.00	39.58 0.31 0.00	39.45 0.28 0.00	40.66 0.24 0.00	41.40 0.29 0.00	44.85 0.31 0.00	47.77 0.43 0.00	49.27 0.63 0.00	47.12 0.56 0.00	45.44 0.63 0.00	40.20 0.51 0.00	39.06 0.39 0.00	36.19 0.36 0.00
ONEIDA___115KV_TB4 55905	39.45 0.66 0.00	33.15 0.49 0.00	30.39 0.48 0.00	29.16 0.46 0.00	28.77 0.45 0.00	29.69 0.50 0.00	34.71 0.48 0.00	34.55 0.44 0.00	36.52 0.43 0.00	36.96 0.47 0.00	35.10 0.38 0.00	37.00 0.37 0.00	39.62 0.35 0.00	39.53 0.35 0.00	40.74 0.32 0.00	41.44 0.33 0.00	44.85 0.31 0.00	47.73 0.38 0.00	49.22 0.58 0.00	47.08 0.51 0.00	45.36 0.54 0.00	40.16 0.48 0.00	39.02 0.35 0.00	36.23 0.39 0.00
ONONDAGA_REF_OCCRA 23987	38.41 -0.39 0.00	32.20 -0.46 0.00	29.49 -0.42 0.00	28.27 -0.43 0.00	27.89 -0.42 0.00	28.78 -0.41 0.00	33.58 -0.65 0.00	33.46 -0.65 0.00	35.40 -0.69 0.00	35.79 -0.69 0.00	34.06 -0.66 -0.01	35.91 -0.73 -0.01	38.37 -0.90 -0.01	38.28 -0.90 -0.01	39.45 -0.97 -0.01	40.13 -0.99 -0.01	43.78 -1.16 -0.40	46.58 -1.18 -0.42	47.57 -1.07 -0.01	45.59 -0.98 0.00	43.88 -0.94 0.00	38.86 -0.83 0.00	37.86 -0.81 0.00	35.16 -0.68 0.00
ONONDAGA___COGEN 23986	38.44 -0.35 0.00	32.23 -0.42 0.00	29.52 -0.39 0.00	28.30 -0.40 0.00	27.92 -0.40 0.00	28.81 -0.38 0.00	33.65 -0.58 0.00	33.49 -0.61 0.00	35.47 -0.61 0.00	35.87 -0.62 0.00	34.09 -0.62 0.00	35.97 -0.66 0.00	38.44 -0.82 0.00	38.35 -0.82 0.00	39.53 -0.89 0.00	40.16 -0.95 0.00	43.42 -1.11 0.00	46.16 -1.18 0.00	47.57 -1.07 0.00	45.63 -0.93 0.00	43.92 -0.90 0.00	38.89 -0.79 0.00	37.90 -0.77 0.00	35.19 -0.65 0.00
ONTARIO___LFGE 23819	38.41 -0.39 0.00	32.13 -0.52 0.00	29.43 -0.48 0.00	28.18 -0.52 0.00	27.83 -0.48 0.00	28.78 -0.41 0.00	33.44 -0.79 0.00	33.29 -0.82 0.00	35.22 -0.87 0.00	35.58 -0.91 0.00	33.65 -1.04 0.02	35.43 -1.17 0.02	37.86 -1.38 0.02	37.70 -1.45 0.02	38.85 -1.54 0.02	39.59 -1.48 0.04	41.96 -1.87 0.71	43.82 -1.90 1.64	46.96 -1.65 0.02	45.17 -1.40 0.00	43.65 -1.17 0.00	38.74 -0.95 0.00	37.67 -1.01 0.00	35.08 -0.75 0.00
ORANGEVILLE_WT_PWR 323706	36.70 -2.10 0.00	30.70 -1.96 0.00	28.20 -1.70 0.00	26.98 -1.72 0.00	26.70 -1.61 0.00	27.67 -1.52 0.00	31.66 -2.57 0.00	31.48 -2.63 0.00	33.24 -2.85 0.00	33.49 -2.99 0.00	31.53 -3.16 0.03	33.16 -3.44 0.03	35.39 -3.85 0.03	35.27 -3.88 0.03	36.35 -4.04 0.03	36.87 -4.11 0.13	31.21 -4.72 8.60	38.29 -4.93 4.14	43.89 -4.72 0.03	42.37 -4.19 0.00	41.37 -3.45 0.00	36.63 -3.06 0.00	35.62 -3.06 0.00	33.51 -2.33 0.00
ORANGEVILLE___ESR 323794	36.70 -2.10 0.00	30.70 -1.96 0.00	28.20 -1.70 0.00	26.98 -1.72 0.00	26.70 -1.61 0.00	27.67 -1.52 0.00	31.66 -2.57 0.00	31.48 -2.63 0.00	33.24 -2.85 0.00	33.49 -2.99 0.00	31.53 -3.16 0.03	33.16 -3.44 0.03	35.39 -3.85 0.03	35.27 -3.88 0.03	36.35 -4.04 0.03	36.87 -4.11 0.13	31.21 -4.72 8.60	38.29 -4.93 4.14	43.89 -4.72 0.03	42.37 -4.19 0.00	41.37 -3.45 0.00	36.63 -3.06 0.00	35.62 -3.06 0.00	33.51 -2.33 0.00
OSWEGATCHIE___HYD 24044	38.68 -0.12 0.00	32.49 -0.16 0.00	29.88 -0.03 0.00	28.73 0.03 0.00	28.40 0.09 0.00	29.40 0.21 0.00	34.67 0.44 0.00	34.55 0.44 0.00	36.38 0.29 0.00	36.81 0.33 0.00	34.86 0.14 0.00	36.67 0.04 0.00	39.30 0.04 0.00	39.14 -0.04 0.00	40.29 -0.12 0.00	41.11 0.00 0.00	44.58 0.04 0.00	47.54 0.19 0.00	49.03 0.39 0.00	46.89 0.33 0.00	45.31 0.49 0.00	40.20 0.51 0.00	39.06 0.39 0.00	36.16 0.32 0.00
OSWEGO___5 23606	37.86 -0.93 0.00	31.78 -0.88 0.00	29.10 -0.81 0.00	27.90 -0.80 0.00	27.52 -0.79 0.00	28.40 -0.79 0.00	33.17 -1.06 0.00	33.05 -1.06 0.00	34.97 -1.12 0.00	35.35 -1.13 0.00	33.61 -1.11 0.00	35.46 -1.17 0.00	37.93 -1.34 0.00	37.80 -1.37 0.00	39.00 -1.42 0.00	39.63 -1.48 0.00	42.85 -1.69 0.00	45.60 -1.75 0.00	46.98 -1.65 0.00	45.03 -1.54 0.00	43.38 -1.44 0.00	38.38 -1.31 0.00	37.40 -1.28 0.00	34.69 -1.15 0.00
OSWEGO___6 23613	37.86 -0.93 0.00	31.78 -0.88 0.00	29.10 -0.81 0.00	27.90 -0.80 0.00	27.52 -0.79 0.00	28.40 -0.79 0.00	33.17 -1.06 0.00	33.05 -1.06 0.00	34.97 -1.12 0.00	35.35 -1.13 0.00	33.61 -1.11 0.00	35.46 -1.17 0.00	37.93 -1.34 0.00	37.80 -1.37 0.00	39.00 -1.42 0.00	39.63 -1.48 0.00	42.85 -1.69 0.00	45.60 -1.75 0.00	46.98 -1.65 0.00	45.03 -1.54 0.00	43.38 -1.44 0.00	38.38 -1.31 0.00	37.40 -1.28 0.00	34.69 -1.15 0.00

OUTOKUMPU-AB___DRP 24206	36.23 -2.56 0.00	30.14 -2.51 0.00	27.78 -2.12 0.00	26.63 -2.07 0.00	26.36 -1.95 0.00	27.26 -1.93 0.00	30.91 -3.32 0.00	30.70 -3.41 0.00	32.41 -3.68 0.00	32.55 -3.94 0.00	30.84 -3.85 0.02	32.51 -4.10 0.02	34.49 -4.75 0.02	34.38 -4.78 0.02	35.55 -4.85 0.02	35.50 -5.47 0.14	35.28 -5.88 3.37	37.74 -6.44 3.17	42.30 -6.32 0.02	41.21 -5.35 0.00	40.07 -4.75 0.00	35.84 -3.85 0.00	34.88 -3.79 0.00	32.97 -2.87 0.00
OXBOW___BTM 323836	35.96 -2.83 0.00	29.98 -2.68 0.00	27.49 -2.42 0.00	26.46 -2.24 0.00	26.19 -2.12 0.00	27.15 -2.04 0.00	30.60 -3.63 0.00	30.46 -3.65 0.00	32.19 -3.90 0.00	32.43 -4.05 0.00	30.53 -4.17 0.02	32.03 -4.58 0.02	34.06 -5.18 0.02	33.95 -5.21 0.02	34.94 -5.46 0.02	35.34 -5.63 0.14	34.90 -6.32 3.31	37.19 -7.01 3.15	42.10 -6.52 0.02	40.74 -5.82 0.00	40.02 -4.79 0.00	35.44 -4.25 0.00	34.54 -4.14 0.00	32.65 -3.19 0.00
OXBOW___ 24026	36.00 -2.79 0.00	29.82 -2.84 0.00	27.49 -2.42 0.00	26.46 -2.24 0.00	26.19 -2.12 0.00	26.97 -2.22 0.00	30.60 -3.63 0.00	30.39 -3.72 0.00	32.08 -4.01 0.00	32.18 -4.31 0.00	30.50 -4.20 0.02	32.14 -4.47 0.02	34.06 -5.18 0.02	33.91 -5.25 0.02	35.10 -5.29 0.02	34.97 -6.00 0.14	34.90 -6.32 3.31	37.14 -7.05 3.15	41.71 -6.91 0.02	40.74 -5.82 0.00	39.66 -5.15 0.00	35.44 -4.25 0.00	34.54 -4.14 0.00	32.65 -3.19 0.00
OXY_CHEM_DSASP 323612	35.61 -3.18 0.00	29.42 -3.23 0.00	27.10 -2.81 0.00	26.23 -2.47 0.00	25.94 -2.38 0.00	26.59 -2.60 0.00	30.19 -4.04 0.00	30.02 -4.09 0.00	31.65 -4.44 0.00	31.74 -4.74 0.00	30.08 -4.62 0.02	31.67 -4.95 0.02	33.51 -5.73 0.02	33.36 -5.80 0.02	34.54 -5.86 0.02	34.28 -6.66 0.17	34.39 -6.90 3.24	36.44 -7.77 3.14	40.98 -7.64 0.02	40.14 -6.43 0.00	39.08 -5.74 0.00	34.97 -4.72 0.00	34.07 -4.60 0.00	32.18 -3.66 0.00
OZONE_PARK_ESR 323760	41.90 3.10 0.00	35.30 2.65 0.00	32.15 2.24 0.00	30.79 2.10 0.00	30.35 2.04 0.00	31.26 2.07 0.00	36.39 2.16 0.00	36.29 2.18 0.00	38.65 2.56 0.00	39.22 2.74 0.00	37.71 2.88 -0.11	40.01 3.19 -0.19	43.02 3.65 -0.10	43.93 3.72 -1.03	45.24 3.92 -0.91	45.96 4.07 -0.79	50.21 4.54 -1.12	52.20 4.78 -0.07	53.11 4.47 0.00	50.61 4.05 0.00	48.40 3.59 0.00	42.82 3.14 0.00	41.46 2.78 0.00	38.31 2.47 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.61 -3.18 0.00	29.42 -3.23 0.00	27.10 -2.81 0.00	26.23 -2.47 0.00	25.94 -2.38 0.00	26.59 -2.60 0.00	30.19 -4.04 0.00	30.02 -4.09 0.00	31.65 -4.44 0.00	31.74 -4.74 0.00	30.08 -4.62 0.02	31.67 -4.95 0.02	33.51 -5.73 0.02	33.36 -5.80 0.02	34.54 -5.86 0.02	34.28 -6.66 0.17	34.39 -6.90 3.24	36.44 -7.77 3.14	40.98 -7.64 0.02	40.14 -6.43 0.00	39.08 -5.74 0.00	34.97 -4.72 0.00	34.07 -4.60 0.00	32.18 -3.66 0.00
PACKARD__115KV_DUPONT_184 80571	35.61 -3.18 0.00	29.42 -3.23 0.00	27.10 -2.81 0.00	26.23 -2.47 0.00	25.94 -2.38 0.00	26.59 -2.60 0.00	30.19 -4.04 0.00	30.02 -4.09 0.00	31.65 -4.44 0.00	31.74 -4.74 0.00	30.08 -4.62 0.02	31.67 -4.95 0.02	33.51 -5.73 0.02	33.36 -5.80 0.02	34.54 -5.86 0.02	34.28 -6.66 0.17	34.39 -6.90 3.24	36.44 -7.77 3.14	40.98 -7.64 0.02	40.14 -6.43 0.00	39.08 -5.74 0.00	34.97 -4.72 0.00	34.07 -4.60 0.00	32.18 -3.66 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.66 2.87 0.00	35.07 2.42 0.00	31.97 2.06 0.00	30.56 1.87 0.00	30.10 1.78 0.00	30.91 1.72 0.00	35.91 1.68 0.00	35.81 1.71 0.00	38.18 2.09 0.00	38.78 2.30 0.00	37.36 2.53 -0.11	39.63 2.82 -0.17	42.57 3.22 -0.09	43.48 3.29 -1.02	44.84 3.52 -0.91	45.47 3.58 -0.79	49.67 4.01 -1.12	51.49 4.07 -0.07	52.29 3.65 0.00	49.82 3.26 0.00	47.73 2.91 0.00	42.35 2.66 0.00	40.92 2.24 0.00	37.95 2.11 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.94 3.14 0.00	35.34 2.68 0.00	32.21 2.30 0.00	30.82 2.12 0.00	30.33 2.01 0.00	31.15 1.96 0.00	36.22 1.99 0.00	36.05 1.94 0.00	38.43 2.35 0.00	39.04 2.55 0.00	37.61 2.78 -0.11	39.88 3.08 -0.17	42.84 3.49 -0.09	43.76 3.56 -1.02	45.08 3.76 -0.91	45.72 3.82 -0.79	49.98 4.32 -1.12	51.82 4.40 -0.07	52.58 3.94 0.00	50.10 3.54 0.00	48.00 3.18 0.00	42.59 2.90 0.00	41.15 2.48 0.00	38.20 2.37 0.00
PATROON__115KV_TB1 80586	40.11 1.32 0.00	33.80 1.14 0.00	30.95 1.05 0.00	29.73 1.03 0.00	29.31 0.99 0.00	30.18 0.99 0.00	35.09 0.86 0.00	34.96 0.85 0.00	36.99 0.90 0.00	37.32 0.84 0.00	35.32 0.69 0.09	37.18 0.70 0.15	39.93 0.75 0.08	40.22 0.86 -0.19	41.55 0.97 -0.16	42.24 0.99 -0.14	45.77 1.02 -0.20	42.67 1.18 5.86	44.41 1.07 5.30	42.88 0.93 4.62	45.67 0.85 0.00	40.44 0.75 0.00	39.37 0.70 0.00	36.41 0.57 0.00
PATTRSNVILLE___SOLAR 323815	40.46 1.67 0.00	34.06 1.40 0.00	31.16 1.26 0.00	29.90 1.21 0.00	29.48 1.16 0.00	30.39 1.20 0.00	35.43 1.20 0.00	35.23 1.12 0.00	37.14 1.05 0.00	37.40 0.91 0.00	35.44 0.80 0.07	37.46 0.95 0.13	40.33 1.14 0.07	40.47 1.14 -0.16	41.81 1.25 -0.14	42.50 1.28 -0.12	46.18 1.47 -0.17	49.10 1.75 0.00	50.44 1.80 0.00	48.29 1.72 0.00	46.43 1.61 0.00	41.08 1.39 0.00	40.07 1.39 0.00	37.06 1.22 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.23 -2.56 0.00	30.27 -2.38 0.00	27.87 -2.03 0.00	26.60 -2.10 0.00	26.33 -1.98 0.00	27.35 -1.84 0.00	31.15 -3.08 0.00	30.90 -3.21 0.00	32.62 -3.46 0.00	32.76 -3.72 0.00	31.05 -3.65 0.02	32.95 -3.66 0.02	35.47 -3.77 0.02	35.51 -3.64 0.02	36.43 -3.96 0.02	37.35 -3.62 0.14	36.91 -4.05 3.58	39.81 -4.31 3.23	43.85 -4.77 0.02	41.67 -4.89 0.00	40.56 -4.26 0.00	36.12 -3.57 0.00	35.12 -3.56 0.00	33.08 -2.76 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.43 2.64 0.00	34.94 2.29 0.00	31.88 1.97 0.00	30.56 1.87 0.00	30.13 1.81 0.00	31.03 1.84 0.00	36.11 1.88 0.00	35.95 1.84 0.00	38.22 2.13 0.00	38.71 2.23 0.00	37.21 2.40 -0.10	39.51 2.71 -0.17	42.49 3.14 -0.09	42.86 3.21 -0.47	44.26 3.44 -0.41	45.08 3.62 -0.36	49.06 4.01 -0.51	51.58 4.21 -0.02	52.58 3.94 0.00	50.10 3.54 0.00	47.91 3.09 0.00	42.35 2.66 0.00	41.07 2.40 0.00	37.95 2.11 0.00
PEEKSKILL___ 23653	41.04 2.25 0.00	34.62 1.96 0.00	31.58 1.67 0.00	30.25 1.55 0.00	29.84 1.53 0.00	30.74 1.55 0.00	35.77 1.54 0.00	35.64 1.54 0.00	37.86 1.77 0.00	38.35 1.86 0.00	36.87 2.05 -0.11	39.05 2.23 -0.18	41.99 2.63 -0.10	43.08 2.78 -1.13	44.36 2.95 -0.99	44.93 2.96 -0.86	49.15 3.38 -1.23	50.98 3.55 -0.08	51.90 3.26 0.00	49.59 3.02 0.00	47.46 2.64 0.00	41.95 2.26 0.00	40.68 2.01 0.00	37.56 1.72 0.00
PGE MADISON___WINDPWR 24146	40.73 1.94 0.00	34.13 1.47 0.00	31.40 1.49 0.00	30.13 1.43 0.00	29.73 1.42 0.00	30.68 1.49 0.00	35.84 1.61 0.00	35.57 1.47 0.00	37.64 1.55 0.00	38.24 1.75 0.00	36.27 1.53 -0.03	38.35 1.69 -0.03	41.02 1.73 -0.03	40.89 1.68 -0.03	41.94 1.50 -0.03	42.63 1.48 -0.05	48.41 1.47 -2.41	51.25 1.75 -2.15	50.91 2.24 -0.03	48.71 2.14 0.00	47.19 2.37 0.00	41.71 2.02 0.00	40.37 1.70 0.00	37.52 1.68 0.00

PIERCEFIELD___HYD 23852	38.56 -0.23 0.00	32.56 -0.10 0.00	29.91 0.00 0.00	28.79 0.09 0.00	28.43 0.11 0.00	29.34 0.15 0.00	34.81 0.58 0.00	34.72 0.61 0.00	36.59 0.51 0.00	37.07 0.58 0.00	35.17 0.45 0.00	37.04 0.40 0.00	39.69 0.43 0.00	39.49 0.31 0.00	40.62 0.20 0.00	41.48 0.37 0.00	44.98 0.45 0.00	47.87 0.52 0.00	49.32 0.68 0.00	47.21 0.65 0.00	45.71 0.90 0.00	40.48 0.79 0.00	39.45 0.77 0.00	36.48 0.65 0.00
PINELAWN_CC_1 323563	42.06 3.26 -0.01	35.48 2.81 -0.01	32.37 2.45 -0.01	31.01 2.30 -0.01	30.59 2.27 -0.01	31.54 2.34 -0.01	36.28 2.05 0.00	36.43 2.32 0.00	38.77 2.67 -0.01	40.03 2.63 -0.92	43.66 2.53 -6.41	45.90 2.49 -6.77	57.45 2.63 -15.55	59.96 2.70 -18.08	60.50 2.91 -17.18	69.96 2.92 -25.93	69.39 3.52 -21.34	68.84 3.74 -17.75	64.56 3.45 -12.47	59.90 3.26 -10.07	49.84 2.91 -2.11	44.88 2.94 -2.25	41.77 2.82 -0.27	38.50 2.65 -0.01
PJM_GEN_HTTP_PROXY 323702	41.47 2.67 0.00	34.94 2.29 0.00	31.85 1.94 0.00	30.51 1.81 0.00	30.07 1.76 0.00	31.00 1.81 0.00	36.04 1.81 0.00	35.95 1.84 0.00	39.61 2.17 -1.36	37.43 2.30 1.36	37.33 2.50 -0.11	39.53 2.71 -0.19	42.51 3.14 -0.10	43.50 3.29 -1.03	44.80 3.48 -0.91	45.39 3.49 -0.79	49.63 3.96 -1.13	51.59 4.17 -0.07	52.48 3.84 0.00	50.10 3.54 0.00	47.91 3.09 0.00	43.69 2.70 -1.30	39.74 2.36 1.30	37.91 2.08 0.00
PJM_GEN_KEystone 24065	36.20 -0.15 2.44	32.46 -0.19 0.00	29.70 -0.21 0.00	28.41 -0.29 0.00	28.06 -0.26 0.00	29.02 -0.17 0.00	33.51 -0.72 0.00	33.39 -0.72 0.00	33.30 -0.72 2.07	33.95 -0.77 1.77	34.10 -0.66 -0.04	36.06 -0.66 -0.08	38.07 -0.67 0.52	37.30 -0.55 1.33	38.68 -0.57 1.17	39.51 -0.54 1.06	41.27 -0.53 2.73	45.20 -0.62 1.53	47.80 -0.83 0.01	45.87 -0.70 0.00	44.28 -0.54 0.00	40.43 -0.56 -1.30	36.68 -0.70 1.30	35.30 -0.54 0.00
PJM_GEN_NEPTUNE_PROXY 323594	41.56 2.75 -0.01	35.05 2.38 -0.01	32.01 2.09 -0.01	30.69 1.98 -0.01	30.25 1.93 -0.01	31.21 2.01 -0.01	35.98 1.74 0.00	36.09 1.98 0.00	39.77 2.31 -1.37	38.13 2.23 0.58	42.33 2.19 -5.43	44.54 2.16 -5.74	54.99 2.59 -13.14	57.42 2.82 -15.42	58.04 2.99 -14.63	66.07 2.96 -22.00	66.18 3.52 -18.12	65.98 3.70 -14.94	62.56 3.40 -10.52	58.27 3.21 -8.50	49.29 2.69 -1.78	45.31 2.42 -3.20	39.93 2.32 1.07	38.03 2.19 -0.01
PJM_GEN_VFT_PROXY 323633	33.09 2.52 8.22	34.81 2.15 0.00	31.73 1.82 0.00	30.39 1.69 0.00	29.96 1.64 0.00	30.88 1.69 0.00	35.94 1.71 0.00	35.85 1.74 0.00	39.50 2.06 -1.36	37.32 2.19 1.36	37.22 2.39 -0.11	39.42 2.60 -0.19	42.35 2.98 -0.10	43.38 3.17 -1.03	44.63 3.31 -0.90	45.18 3.29 -0.78	49.44 3.78 -1.12	51.40 3.98 -0.07	52.24 3.60 0.00	49.87 3.31 0.00	47.69 2.87 0.00	43.56 2.58 -1.30	39.58 2.20 1.30	37.77 1.93 0.00
PLATSBURG_115KV_PMLD1 355749	37.63 -1.16 0.00	32.13 -0.52 0.00	29.79 -0.12 0.00	28.90 0.20 0.00	28.63 0.31 0.00	29.54 0.35 0.00	35.09 0.86 0.00	35.03 0.92 0.00	37.03 0.94 0.00	37.54 1.06 0.00	35.65 0.94 0.00	37.59 0.95 0.00	40.28 1.02 0.00	39.96 0.78 0.00	41.06 0.65 0.00	41.97 0.86 0.00	45.56 1.02 0.00	47.68 0.33 0.00	48.83 0.19 0.00	47.21 0.65 0.00	46.57 1.75 0.00	41.20 1.51 0.00	40.11 1.43 0.00	37.13 1.29 0.00
PLEASANTVLY___LBMP 24000	40.93 2.13 0.00	34.52 1.86 0.00	31.49 1.59 0.00	30.19 1.49 0.00	29.76 1.44 0.00	30.65 1.46 0.00	35.63 1.40 0.00	35.54 1.43 0.00	37.75 1.66 0.00	38.20 1.71 0.00	36.65 1.81 -0.13	38.87 2.01 -0.22	41.70 2.32 -0.12	42.22 2.43 -0.62	43.59 2.63 -0.54	44.29 2.71 -0.47	48.24 3.03 -0.67	50.56 3.17 -0.04	51.61 2.97 0.00	49.22 2.65 0.00	47.15 2.33 0.00	41.71 2.02 0.00	40.49 1.82 0.00	37.41 1.58 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.32 2.52 0.00	34.81 2.16 0.00	31.73 1.82 0.00	30.42 1.72 0.00	29.99 1.67 0.00	30.91 1.72 0.00	35.94 1.71 0.00	35.85 1.74 0.00	38.07 1.98 0.00	38.60 2.12 0.00	37.05 2.22 -0.12	39.28 2.45 -0.20	42.24 2.87 -0.11	43.02 2.94 -0.91	44.37 3.15 -0.80	45.09 3.29 -0.69	49.18 3.65 -0.99	51.29 3.88 -0.06	52.29 3.65 0.00	49.82 3.26 0.00	47.69 2.87 0.00	42.15 2.46 0.00	40.88 2.20 0.00	37.74 1.90 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.32 2.52 0.00	34.81 2.16 0.00	31.73 1.82 0.00	30.42 1.72 0.00	29.99 1.67 0.00	30.91 1.72 0.00	35.94 1.71 0.00	35.85 1.74 0.00	38.07 1.98 0.00	38.60 2.12 0.00	37.05 2.22 -0.12	39.28 2.45 -0.20	42.24 2.87 -0.11	43.02 2.94 -0.91	44.37 3.15 -0.80	45.09 3.29 -0.69	49.18 3.65 -0.99	51.29 3.88 -0.06	52.29 3.65 0.00	49.82 3.26 0.00	47.69 2.87 0.00	42.15 2.46 0.00	40.88 2.20 0.00	37.74 1.90 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.12 2.33 0.00	34.65 1.99 0.00	31.64 1.73 0.00	30.33 1.64 0.00	29.90 1.59 0.00	30.80 1.61 0.00	35.84 1.61 0.00	35.68 1.57 0.00	37.86 1.77 0.00	38.35 1.86 0.00	36.62 1.94 0.04	38.73 2.16 0.06	41.78 2.55 0.03	42.07 2.62 -0.27	43.44 2.79 -0.23	44.19 2.88 -0.20	48.08 3.25 -0.29	50.76 3.41 0.00	51.90 3.26 0.00	49.45 2.89 0.00	47.46 2.64 0.00	41.91 2.22 0.00	40.72 2.05 0.00	37.63 1.79 0.00
POLETTI____ 23519	26.33 2.25 14.71	26.36 1.96 8.26	26.33 1.62 5.19	26.33 1.46 3.83	26.33 1.36 3.34	26.34 1.28 4.13	26.34 1.20 9.09	26.34 1.23 9.00	26.38 1.62 11.34	26.41 1.82 11.90	26.03 2.08 10.77	26.12 2.38 12.89	26.09 2.79 15.96	26.08 2.86 15.95	26.03 2.95 17.34	26.58 3.00 17.53	28.82 3.43 19.14	32.32 3.46 18.49	33.30 3.02 18.35	30.83 2.65 18.39	28.73 2.33 18.42	26.03 2.10 15.76	26.07 1.70 14.31	26.02 1.58 11.39
POMONA___ESR 323819	41.00 2.21 0.00	34.55 1.89 0.00	31.55 1.64 0.00	30.22 1.52 0.00	29.79 1.47 0.00	30.71 1.52 0.00	35.73 1.50 0.00	35.57 1.47 0.00	37.78 1.70 0.00	38.27 1.79 0.00	36.79 1.98 -0.10	38.96 2.16 -0.17	41.90 2.55 -0.09	40.35 2.70 1.52	41.90 2.83 1.34	42.78 2.83 1.16	46.13 3.25 1.66	50.60 3.41 0.16	51.80 3.16 0.00	49.50 2.94 0.00	47.42 2.60 0.00	41.87 2.18 0.00	40.61 1.93 0.00	37.52 1.68 0.00
PORT_JEFF_3 23555	42.10 3.30 -0.01	35.44 2.77 -0.01	32.31 2.39 -0.01	30.95 2.24 -0.01	30.56 2.24 -0.01	31.50 2.31 -0.01	36.11 1.88 0.00	36.32 2.22 0.00	38.70 2.60 -0.01	39.95 2.63 -0.83	43.04 2.50 -5.82	45.24 2.45 -6.16	56.28 2.91 -14.11	58.88 3.21 -16.49	59.47 3.40 -15.66	67.99 3.29 -23.59	67.93 3.96 -19.43	67.64 4.21 -16.08	63.88 3.94 -11.31	59.61 3.91 -9.13	49.96 3.23 -1.91	44.67 2.94 -2.04	41.71 2.79 -0.25	38.53 2.69 -0.01
PORT_JEFF_4 23616	42.10 3.30 -0.01	35.44 2.77 -0.01	32.31 2.39 -0.01	30.95 2.24 -0.01	30.56 2.24 -0.01	31.50 2.31 -0.01	36.11 1.88 0.00	36.32 2.22 0.00	38.70 2.60 -0.01	39.95 2.63 -0.83	43.04 2.50 -5.82	45.24 2.45 -6.16	56.28 2.91 -14.11	58.88 3.21 -16.49	59.47 3.40 -15.66	67.99 3.29 -23.59	67.93 3.96 -19.43	67.64 4.21 -16.08	63.88 3.94 -11.31	59.61 3.91 -9.13	49.96 3.23 -1.91	44.67 2.94 -2.04	41.71 2.79 -0.25	38.53 2.69 -0.01

PORT_JEFF_IC 23713	42.18 3.38 -0.01	35.51 2.84 -0.01	32.34 2.42 -0.01	30.98 2.27 -0.01	30.59 2.27 -0.01	31.53 2.34 -0.01	36.15 1.92 0.00	36.43 2.32 0.00	38.73 2.63 -0.01	40.06 2.74 -0.83	43.13 2.57 -5.84	45.37 2.56 -6.18	56.45 3.02 -14.16	58.70 2.98 -16.55	59.36 3.23 -15.71	68.11 3.33 -23.67	67.91 3.87 -19.50	67.61 4.12 -16.14	63.93 3.94 -11.35	59.73 4.00 -9.17	50.19 3.45 -1.92	44.75 3.02 -2.05	41.78 2.86 -0.25	38.57 2.72 -0.01
PPL PILGRIM_ST_GT1 24216	42.37 3.57 -0.01	35.67 3.00 -0.01	32.55 2.63 -0.01	31.18 2.47 -0.01	30.79 2.46 -0.01	31.71 2.51 -0.01	36.39 2.16 0.00	36.57 2.46 0.00	38.95 2.85 -0.01	40.21 2.88 -0.84	43.38 2.74 -5.92	45.60 2.71 -6.26	56.79 3.18 -14.35	59.38 3.45 -16.75	59.96 3.64 -15.91	68.62 3.54 -23.97	68.47 4.19 -19.74	68.15 4.45 -16.35	64.32 4.18 -11.50	60.04 4.19 -9.29	50.30 3.54 -1.94	44.98 3.21 -2.07	42.02 3.10 -0.25	38.75 2.90 -0.01
PPL PILGRIM_ST_GT2 24217	42.37 3.57 -0.01	35.67 3.00 -0.01	32.55 2.63 -0.01	31.18 2.47 -0.01	30.79 2.46 -0.01	31.71 2.51 -0.01	36.39 2.16 0.00	36.57 2.46 0.00	38.95 2.85 -0.01	40.21 2.88 -0.84	43.38 2.74 -5.92	45.60 2.71 -6.26	56.79 3.18 -14.35	59.38 3.45 -16.75	59.96 3.64 -15.91	68.62 3.54 -23.97	68.47 4.19 -19.74	68.15 4.45 -16.35	64.32 4.18 -11.50	60.04 4.19 -9.29	50.30 3.54 -1.94	44.98 3.21 -2.07	42.02 3.10 -0.25	38.75 2.90 -0.01
PPL_SHRM_GT3 24213	41.63 2.83 -0.01	35.05 2.38 -0.01	31.95 2.03 -0.01	30.60 1.89 -0.01	30.22 1.90 -0.01	31.15 1.96 -0.01	35.63 1.40 0.00	35.88 1.77 0.00	38.23 2.13 -0.01	39.51 2.19 -0.83	42.70 2.15 -5.83	44.89 2.09 -6.17	55.95 2.55 -14.14	58.52 2.82 -16.52	59.17 3.07 -15.68	67.82 3.08 -23.63	67.78 3.78 -19.46	67.43 3.98 -16.11	63.71 3.75 -11.32	59.30 3.59 -9.15	49.60 2.87 -1.91	44.35 2.62 -2.04	41.32 2.40 -0.25	38.14 2.30 -0.01
PPL_SHRM_GT4 24214	41.63 2.83 -0.01	35.05 2.38 -0.01	31.95 2.03 -0.01	30.60 1.89 -0.01	30.22 1.90 -0.01	31.15 1.96 -0.01	35.63 1.40 0.00	35.88 1.77 0.00	38.23 2.13 -0.01	39.51 2.19 -0.83	42.70 2.15 -5.83	44.89 2.09 -6.17	55.95 2.55 -14.14	58.52 2.82 -16.52	59.17 3.07 -15.68	67.82 3.08 -23.63	67.78 3.78 -19.46	67.43 3.98 -16.11	63.71 3.75 -11.32	59.30 3.59 -9.15	49.60 2.87 -1.91	44.35 2.62 -2.04	41.32 2.40 -0.25	38.14 2.30 -0.01
PROJECT___ORANGE 1 24174	38.29 -0.50 0.00	32.10 -0.56 0.00	29.40 -0.51 0.00	28.18 -0.52 0.00	27.81 -0.51 0.00	28.69 -0.50 0.00	33.48 -0.75 0.00	33.32 -0.78 0.00	35.29 -0.79 0.00	35.68 -0.80 0.00	33.95 -0.76 0.00	35.79 -0.84 0.00	38.24 -1.02 0.00	38.12 -1.06 0.00	39.32 -1.09 0.00	39.96 -1.15 0.00	43.20 -1.34 0.00	45.93 -1.42 0.00	47.33 -1.31 0.00	45.40 -1.16 0.00	43.70 -1.12 0.00	38.70 -0.99 0.00	37.71 -0.97 0.00	35.05 -0.79 0.00
PROJECT___ORANGE 2 24166	38.29 -0.50 0.00	32.10 -0.56 0.00	29.40 -0.51 0.00	28.18 -0.52 0.00	27.81 -0.51 0.00	28.69 -0.50 0.00	33.48 -0.75 0.00	33.32 -0.78 0.00	35.29 -0.79 0.00	35.68 -0.80 0.00	33.95 -0.76 0.00	35.79 -0.84 0.00	38.24 -1.02 0.00	38.12 -1.06 0.00	39.32 -1.09 0.00	39.96 -1.15 0.00	43.20 -1.34 0.00	45.93 -1.42 0.00	47.33 -1.31 0.00	45.40 -1.16 0.00	43.70 -1.12 0.00	38.70 -0.99 0.00	37.71 -0.97 0.00	35.05 -0.79 0.00
PUCKETT___SOLAR 323809	39.14 0.35 0.00	32.82 0.16 0.00	30.09 0.18 0.00	28.81 0.12 0.00	28.43 0.11 0.00	29.37 0.18 0.00	34.20 -0.03 0.00	34.04 -0.07 0.00	35.98 -0.11 0.00	36.41 -0.07 0.00	34.58 -0.14 0.00	36.49 -0.15 0.00	39.07 -0.20 0.00	38.98 -0.19 0.00	40.13 -0.28 0.00	40.88 -0.20 0.02	44.24 -0.27 0.03	46.87 -0.24 0.25	48.49 -0.15 0.00	46.52 -0.05 0.00	44.91 0.09 0.00	39.69 0.00 0.00	38.60 -0.08 0.00	35.84 0.00 0.00
PYRITES___HYD 24023	38.99 0.19 0.00	32.89 0.23 0.00	30.21 0.30 0.00	29.07 0.37 0.00	28.71 0.40 0.00	29.63 0.44 0.00	35.19 0.96 0.00	35.06 0.96 0.00	36.95 0.87 0.00	37.40 0.91 0.00	35.45 0.73 0.00	37.29 0.66 0.00	39.97 0.71 0.00	39.76 0.59 0.00	40.90 0.48 0.00	41.76 0.66 0.00	45.34 0.80 0.00	48.34 0.99 0.00	49.85 1.22 0.00	47.73 1.16 0.00	46.25 1.43 0.00	40.96 1.27 0.00	39.87 1.20 0.00	36.91 1.08 0.00
QUAKERRD_115KV_BK1 80622	37.05 -1.75 0.00	30.99 -1.67 0.00	28.44 -1.47 0.00	27.24 -1.46 0.00	26.87 -1.44 0.00	27.79 -1.40 0.00	32.18 -2.05 0.00	32.03 -2.08 0.00	33.92 -2.17 0.00	34.26 -2.23 0.00	32.52 -2.19 0.01	34.35 -2.27 0.01	36.58 -2.67 0.01	36.31 -2.86 0.01	37.50 -2.91 0.01	37.79 -3.33 -0.01	40.21 -3.70 0.63	42.89 -3.98 0.48	45.03 -3.60 0.01	43.54 -3.03 0.00	42.08 -2.73 0.00	37.35 -2.34 0.00	36.35 -2.32 0.00	33.87 -1.97 0.00
QUENSBRY_115KV_TB8 356137	41.82 3.03 0.00	35.17 2.51 0.00	32.15 2.24 0.00	30.88 2.18 0.00	30.38 2.07 0.00	31.38 2.19 0.00	36.46 2.22 0.00	36.29 2.18 0.00	38.36 2.27 0.00	38.82 2.34 0.00	36.60 1.98 0.10	38.62 2.16 0.17	41.45 2.28 0.09	41.62 2.27 -0.18	42.11 1.54 -0.16	42.72 1.48 -0.13	46.24 1.51 -0.19	53.67 2.18 -4.14	54.64 2.29 -3.72	51.99 2.19 -3.24	46.92 2.11 0.00	41.59 1.91 0.00	41.34 2.67 0.00	38.13 2.29 0.00
RAMAPO___LBMP 323565	40.81 2.02 0.00	34.42 1.76 0.00	31.40 1.50 0.00	30.08 1.38 0.00	29.65 1.33 0.00	30.56 1.37 0.00	35.57 1.33 0.00	35.44 1.33 0.00	37.64 1.55 0.00	38.13 1.64 0.00	36.58 1.77 -0.09	38.77 1.98 -0.16	41.67 2.32 -0.09	40.12 2.39 1.45	41.69 2.55 1.27	42.67 2.67 1.10	45.95 2.98 1.57	50.32 3.13 0.15	51.61 2.97 0.00	49.22 2.65 0.00	47.15 2.33 0.00	41.67 1.98 0.00	40.42 1.74 0.00	37.34 1.51 0.00
RANKINE____ 23646	36.39 -2.41 0.00	30.37 -2.29 0.00	27.96 -1.94 0.00	26.72 -1.98 0.00	26.45 -1.87 0.00	27.44 -1.75 0.00	31.22 -3.01 0.00	31.00 -3.10 0.00	32.70 -3.39 0.00	32.84 -3.65 0.00	31.12 -3.58 0.02	32.87 -3.74 0.02	35.04 -4.20 0.02	34.96 -4.19 0.02	36.07 -4.32 0.02	36.36 -4.60 0.14	35.60 -5.12 3.82	38.64 -5.45 3.27	43.17 -5.45 0.02	41.67 -4.89 0.00	40.56 -4.26 0.00	36.20 -3.49 0.00	35.19 -3.48 0.00	33.22 -2.62 0.00
RAVENSWOOD_GT2_1 24244	41.55 2.75 0.00	35.01 2.35 0.00	31.91 2.00 0.00	30.56 1.87 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.88 0.00	38.29 2.20 0.00	38.86 2.37 0.00	37.36 2.53 -0.11	39.64 2.82 -0.19	42.59 3.22 -0.10	43.50 3.29 -1.03	44.80 3.48 -0.91	45.47 3.58 -0.79	49.67 4.01 -1.12	51.59 4.17 -0.07	52.53 3.89 0.00	50.06 3.49 0.00	47.91 3.09 0.00	42.43 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00
RAVENSWOOD_GT2_2 24245	41.55 2.75 0.00	35.01 2.35 0.00	31.91 2.00 0.00	30.56 1.87 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.88 0.00	38.29 2.20 0.00	38.86 2.37 0.00	37.36 2.53 -0.11	39.64 2.82 -0.19	42.59 3.22 -0.10	43.50 3.29 -1.03	44.80 3.48 -0.91	45.47 3.58 -0.79	49.67 4.01 -1.12	51.59 4.17 -0.07	52.53 3.89 0.00	50.06 3.49 0.00	47.91 3.09 0.00	42.43 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00



RAVENSWOOD_GT2_3 24246	41.55 2.75 0.00	35.04 2.38 0.00	31.91 2.00 0.00	30.56 1.87 0.00	30.13 1.81 0.00	31.03 1.84 0.00	36.11 1.88 0.00	36.02 1.91 0.00	38.33 2.24 0.00	38.89 2.41 0.00	37.36 2.53 -0.11	39.64 2.82 -0.19	42.59 3.22 -0.10	43.54 3.33 -1.03	44.84 3.52 -0.91	45.51 3.62 -0.79	49.71 4.05 -1.12	51.63 4.21 -0.07	52.53 3.89 0.00	50.10 3.54 0.00	47.95 3.14 0.00	42.43 2.74 0.00	41.07 2.40 0.00	37.99 2.15 0.00
RAVENSWOOD_GT2_4 24247	41.55 2.75 0.00	35.04 2.38 0.00	31.91 2.00 0.00	30.56 1.87 0.00	30.13 1.81 0.00	31.03 1.84 0.00	36.11 1.88 0.00	36.02 1.91 0.00	38.33 2.24 0.00	38.89 2.41 0.00	37.36 2.53 -0.11	39.64 2.82 -0.19	42.59 3.22 -0.10	43.54 3.33 -1.03	44.84 3.52 -0.91	45.51 3.62 -0.79	49.71 4.05 -1.12	51.63 4.21 -0.07	52.53 3.89 0.00	50.10 3.54 0.00	47.95 3.14 0.00	42.43 2.74 0.00	41.07 2.40 0.00	37.99 2.15 0.00
RAVENSWOOD_GT3_1 24248	41.51 2.72 0.00	35.01 2.35 0.00	31.88 1.97 0.00	30.54 1.84 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.88 0.00	38.29 2.20 0.00	38.86 2.37 0.00	37.36 2.53 -0.11	39.61 2.78 -0.19	42.59 3.22 -0.10	43.50 3.29 -1.03	44.80 3.48 -0.91	45.47 3.58 -0.79	49.67 4.01 -1.12	51.59 4.17 -0.07	52.53 3.89 0.00	50.06 3.49 0.00	47.91 3.09 0.00	42.43 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00
RAVENSWOOD_GT3_2 24249	41.51 2.72 0.00	35.01 2.35 0.00	31.88 1.97 0.00	30.54 1.84 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.88 0.00	38.29 2.20 0.00	38.86 2.37 0.00	37.36 2.53 -0.11	39.61 2.78 -0.19	42.59 3.22 -0.10	43.50 3.29 -1.03	44.80 3.48 -0.91	45.47 3.58 -0.79	49.67 4.01 -1.12	51.59 4.17 -0.07	52.53 3.89 0.00	50.06 3.49 0.00	47.91 3.09 0.00	42.43 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00
RAVENSWOOD_GT3_3 24250	41.59 2.79 0.00	35.04 2.38 0.00	31.94 2.03 0.00	30.59 1.89 0.00	30.16 1.84 0.00	31.06 1.87 0.00	36.15 1.92 0.00	36.05 1.94 0.00	38.36 2.27 0.00	38.93 2.44 0.00	37.40 2.57 -0.11	39.68 2.86 -0.19	42.62 3.26 -0.10	43.58 3.37 -1.03	44.88 3.56 -0.91	45.55 3.66 -0.79	49.76 4.10 -1.12	51.68 4.26 -0.07	52.63 3.99 0.00	50.15 3.59 0.00	48.00 3.18 0.00	42.47 2.78 0.00	41.15 2.48 0.00	37.99 2.15 0.00
RAVENSWOOD_GT3_4 24251	41.59 2.79 0.00	35.04 2.38 0.00	31.94 2.03 0.00	30.59 1.89 0.00	30.16 1.84 0.00	31.06 1.87 0.00	36.15 1.92 0.00	36.05 1.94 0.00	38.36 2.27 0.00	38.93 2.44 0.00	37.40 2.57 -0.11	39.68 2.86 -0.19	42.62 3.26 -0.10	43.58 3.37 -1.03	44.88 3.56 -0.91	45.55 3.66 -0.79	49.76 4.10 -1.12	51.68 4.26 -0.07	52.63 3.99 0.00	50.15 3.59 0.00	48.00 3.18 0.00	42.47 2.78 0.00	41.15 2.48 0.00	37.99 2.15 0.00
RAVENSWOOD_GT_1 23729	41.70 2.91 0.00	35.17 2.51 0.00	32.06 2.15 0.00	30.68 1.98 0.00	30.18 1.87 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.88 0.00	38.36 2.27 0.00	38.97 2.48 0.00	37.54 2.71 -0.11	39.83 3.00 -0.19	42.78 3.42 -0.10	43.69 3.49 -1.03	45.00 3.68 -0.91	45.68 3.78 -0.79	49.89 4.23 -1.12	51.73 4.31 -0.07	52.53 3.89 0.00	50.01 3.45 0.00	47.95 3.14 0.00	42.51 2.82 0.00	41.07 2.40 0.00	38.06 2.22 0.00
RAVENSWOOD_GT_10 24258	41.55 2.75 0.00	35.01 2.35 0.00	31.91 2.00 0.00	30.56 1.87 0.00	30.13 1.81 0.00	31.03 1.84 0.00	36.08 1.85 0.00																	

RAVENSWOOD___1 23533	41.70 2.91 0.00	35.15 2.48 -0.01	32.06 2.15 0.00	30.68 1.98 0.00	30.18 1.87 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.36 2.27 0.00	38.89 2.41 0.00	37.54 2.71 -0.11	39.76 2.93 -0.20	42.75 3.38 -0.11	43.74 3.53 -1.04	45.04 3.72 -0.91	45.60 3.70 -0.79	49.89 4.23 -1.12	51.73 4.31 -0.07	52.43 3.80 0.00	50.10 3.54 0.00	47.95 3.14 0.00	42.51 2.82 0.00	41.07 2.40 0.00	38.06 2.22 0.00
RAVENSWOOD___2 23534	41.70 2.91 0.00	35.15 2.48 -0.01	32.06 2.15 0.00	30.68 1.98 0.00	30.18 1.87 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.36 2.27 0.00	38.89 2.41 0.00	37.54 2.71 -0.11	39.76 2.93 -0.20	42.75 3.38 -0.11	43.74 3.53 -1.04	45.04 3.72 -0.91	45.60 3.70 -0.79	49.89 4.23 -1.12	51.73 4.31 -0.07	52.43 3.80 0.00	50.10 3.54 0.00	47.95 3.14 0.00	42.51 2.82 0.00	41.07 2.40 0.00	38.06 2.22 0.00
RAVENSWOOD___3 23535	41.51 2.71 0.00	34.98 2.32 0.00	31.91 2.00 0.00	30.56 1.86 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.29 2.20 0.00	38.82 2.34 0.00	37.36 2.53 -0.11	39.57 2.75 -0.19	42.54 3.18 -0.10	43.53 3.33 -1.03	44.84 3.51 -0.91	45.43 3.54 -0.79	49.67 4.01 -1.12	51.63 4.21 -0.07	52.48 3.84 0.00	50.10 3.54 0.00	47.95 3.14 0.00	42.42 2.74 0.00	41.07 2.40 0.00	37.95 2.11 0.00
RAVENSWOOD___4 23820	41.70 2.91 0.00	35.15 2.48 -0.01	32.06 2.15 0.00	30.68 1.98 0.00	30.18 1.87 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.87 0.00	38.36 2.27 0.00	38.89 2.41 0.00	37.54 2.71 -0.11	39.76 2.93 -0.20	42.75 3.38 -0.11	43.74 3.53 -1.04	45.04 3.72 -0.91	45.60 3.70 -0.79	49.89 4.23 -1.12	51.73 4.31 -0.07	52.43 3.80 0.00	50.10 3.54 0.00	47.95 3.14 0.00	42.51 2.82 0.00	41.07 2.40 0.00	38.06 2.22 0.00
RCPL_TRUST___DRP 24196	46.44 2.75 -4.89	35.01 2.35 0.00	31.88 1.97 0.00	30.56 1.87 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.11 1.88 0.00	36.02 1.91 0.00	38.33 2.24 0.00	38.89 2.41 0.00	37.36 2.53 -0.11	39.64 2.82 -0.19	42.62 3.26 -0.10	43.54 3.33 -1.03	44.84 3.52 -0.91	45.51 3.62 -0.79	49.72 4.05 -1.13	51.68 4.26 -0.07	52.63 3.99 0.00	50.15 3.59 0.00	48.00 3.18 0.00	42.47 2.78 0.00	41.11 2.44 0.00	37.95 2.11 0.00
RED___ROCHESTER 323720	37.90 -0.89 0.00	31.71 -0.95 0.00	29.04 -0.87 0.00	27.78 -0.92 0.00	27.44 -0.88 0.00	28.37 -0.82 0.00	32.79 -1.44 0.00	32.61 -1.50 0.00	34.57 -1.51 0.00	34.99 -1.50 0.00	33.11 -1.60 0.01	34.86 -1.76 0.01	37.21 -2.04 0.01	36.97 -2.19 0.01	38.02 -2.38 0.01	38.58 -2.55 -0.02	40.73 -3.12 0.69	43.54 -3.32 0.50	46.05 -2.58 0.01	44.38 -2.19 0.00	43.11 -1.70 0.00	38.14 -1.55 0.00	37.09 -1.59 0.00	34.58 -1.26 0.00
REGAN___SOLAR 323812	41.59 2.79 0.00	34.98 2.32 0.00	31.97 2.06 0.00	30.68 1.98 0.00	30.21 1.90 0.00	31.20 2.01 0.00	36.32 2.09 0.00	35.98 1.87 0.00	37.75 1.66 0.00	37.95 1.46 0.00	35.83 1.18 0.07	37.91 1.39 0.12	40.81 1.61 0.06	40.96 1.65 -0.14	42.36 1.82 -0.12	43.14 1.93 -0.10	46.96 2.27 -0.15	50.18 2.84 0.01	51.85 3.21 0.00	49.64 3.07 0.00	47.82 3.00 0.00	42.27 2.58 0.00	41.15 2.48 0.00	37.99 2.15 0.00
RENSSELAER___COGEN 23796	39.92 1.13 0.00	33.64 0.98 0.00	30.84 0.93 0.00	29.62 0.92 0.00	29.19 0.88 0.00	30.06 0.87 0.00	34.95 0.72 0.00	34.83 0.72 0.00	36.77 0.68 0.00	37.11 0.62 0.00	35.15 0.52 0.09	37.00 0.51 0.15	39.77 0.59 0.08	40.03 0.67 -0.19	41.39 0.81 -0.17	42.03 0.78 -0.14	45.59 0.84 -0.21	41.56 1.00 6.78	43.39 0.88 6.13	41.97 0.74 5.34	45.49 0.67 0.00	40.24 0.56 0.00	39.22 0.54 0.00	36.27 0.43 0.00
REPUBLIC_115KV_BARTNBRK 55605	43.41 4.62 0.00	36.51 3.85 0.00	33.35 3.44 0.00	32.03 3.33 0.00	31.49 3.17 0.00	32.55 3.36 0.00	37.76 3.53 0.00	37.52 3.41 0.00	39.62 3.54 0.00	40.21 3.72 0.00	37.95 3.33 0.10	40.09 3.63 0.17	42.86 3.69 0.09	43.00 3.64 -0.18	43.56 2.99 -0.16	44.20 2.96 -0.14	47.85 3.12 -0.19	55.75 4.02 -4.38	56.95 4.38 -3.93	54.18 4.19 -3.42	48.94 4.12 0.00	43.30 3.61 0.00	42.89 4.22 0.00	39.46 3.62 0.00
REVERE_CPPR_DRP 24186	39.65 0.85 0.00	33.28 0.62 0.00	30.54 0.63 0.00	29.30 0.60 0.00	28.91 0.59 0.00	29.86 0.67 0.00	34.95 0.72 0.00	34.79 0.68 0.00	36.74 0.65 0.00	37.18 0.69 0.00	35.27 0.56 0.00	37.18 0.55 0.00	39.81 0.55 0.00	39.72 0.55 0.00	40.94 0.53 0.00	41.64 0.53 0.00	45.07 0.53 0.00	48.01 0.66 0.00	49.56 0.92 0.00	47.40 0.84 0.00	45.71 0.90 0.00	40.44 0.75 0.00	39.29 0.62 0.00	36.45 0.61 0.00
REYNLDPA_13_KV_LD 356490	38.48 -0.31 0.00	32.49 -0.16 0.00	29.79 -0.12 0.00	28.64 -0.06 0.00	28.32 0.00 0.00	29.16 -0.03 0.00	34.54 0.31 0.00	34.41 0.31 0.00	36.34 0.25 0.00	36.78 0.29 0.00	34.93 0.21 0.00	36.82 0.18 0.00	39.46 0.20 0.00	39.29 0.12 0.00	40.46 0.04 0.00	41.27 0.17 0.00	44.72 0.18 0.00	47.54 0.19 0.00	48.88 0.24 0.00	46.80 0.23 0.00	45.13 0.32 0.00	40.09 0.40 0.00	39.10 0.43 0.00	36.23 0.39 0.00
REYNOLDS_115KV_TB3 80639	40.15 1.36 0.00	33.87 1.21 0.00	31.01 1.11 0.00	29.79 1.09 0.00	29.36 1.05 0.00	30.24 1.05 0.00	35.12 0.89 0.00	35.03 0.92 0.00	37.06 0.97 0.00	37.36 0.88 0.00	35.38 0.76 0.10	37.26 0.81 0.18	40.07 0.90 0.10	40.39 1.02 -0.20	41.76 1.17 -0.17	42.45 1.19 -0.15	46.05 1.29 -0.22	40.26 1.42 8.51	42.26 1.31 7.69	40.98 1.12 6.70	45.85 1.03 0.00	40.60 0.91 0.00	39.53 0.85 0.00	36.55 0.72 0.00
RIVERBAY____ 323610	41.94 3.14 0.00	35.34 2.68 0.00	32.21 2.30 0.00	30.82 2.12 0.00	30.33 2.01 0.00	31.15 1.96 0.00	36.22 1.99 0.00	36.05 1.94 0.00	38.43 2.35 0.00	39.04 2.55 0.00	37.61 2.78 -0.11	39.88 3.08 -0.17	42.84 3.49 -0.09	43.76 3.56 -1.02	45.08 3.76 -0.91	45.72 3.82 -0.79	49.98 4.32 -1.12	51.82 4.40 -0.07	52.58 3.94 0.00	50.10 3.54 0.00	48.00 3.18 0.00	42.59 2.90 0.00	41.15 2.48 0.00	38.20 2.37 0.00
RIVERSDE_115KV_TB3 55908	40.07 1.28 0.00	33.80 1.14 0.00	30.95 1.05 0.00	29.73 1.03 0.00	29.31 0.99 0.00	30.18 0.99 0.00	35.05 0.82 0.00	34.96 0.85 0.00	36.95 0.87 0.00	37.29 0.80 0.00	35.28 0.66 0.10	37.16 0.70 0.16	39.92 0.75 0.09	40.23 0.86 -0.19	41.56 0.97 -0.17	42.24 0.99 -0.15	45.82 1.07 -0.21	41.23 1.23 7.35	43.12 1.12 6.64	41.71 0.93 5.78	45.71 0.90 0.00	40.44 0.75 0.00	39.41 0.73 0.00	36.41 0.57 0.00
ROARING___BROOK_WT_PWR 323790	38.25 -0.54 0.00	32.33 -0.33 0.00	29.70 -0.21 0.00	28.56 -0.14 0.00	28.20 -0.11 0.00	29.10 -0.09 0.00	34.13 -0.10 0.00	34.01 -0.10 0.00	35.98 -0.11 0.00	36.38 -0.11 0.00	34.58 -0.14 0.00	36.45 -0.18 0.00	39.11 -0.16 0.00	38.98 -0.19 0.00	40.21 -0.20 0.00	40.94 -0.16 0.00	44.36 -0.18 0.00	47.21 -0.14 0.00	48.54 -0.10 0.00	46.47 -0.09 0.00	44.73 -0.09 0.00	39.61 -0.08 0.00	38.56 -0.12 0.00	35.73 -0.11 0.00

ROCHESRG_115KV_T4 355643	37.51 -1.28 0.00	31.38 -1.27 0.00	28.77 -1.14 0.00	27.55 -1.15 0.00	27.21 -1.10 0.00	28.14 -1.05 0.00	32.52 -1.71 0.00	32.33 -1.77 0.00	34.21 -1.88 0.00	34.55 -1.93 0.00	32.80 -1.91 0.01	34.61 -2.01 0.01	36.82 -2.43 0.01	36.58 -2.59 0.01	37.78 -2.63 0.01	38.00 -3.12 -0.02	40.38 -3.47 0.68	43.13 -3.74 0.48	45.32 -3.31 0.01	43.91 -2.65 0.00	42.49 -2.33 0.00	37.74 -1.94 0.00	36.74 -1.93 0.00	34.30 -1.54 0.00
ROCHESTER_9_IC 23652	37.71 -1.09 0.00	31.51 -1.14 0.00	28.92 -0.99 0.00	27.69 -1.00 0.00	27.32 -0.99 0.00	28.26 -0.93 0.00	32.66 -1.57 0.00	32.47 -1.64 0.00	34.39 -1.70 0.00	34.70 -1.79 0.00	32.97 -1.74 0.01	34.79 -1.83 0.01	37.01 -2.24 0.01	36.74 -2.43 0.01	37.94 -2.47 0.01	38.17 -2.96 -0.02	40.55 -3.30 0.69	43.30 -3.55 0.50	45.56 -3.06 0.01	44.14 -2.42 0.00	42.76 -2.06 0.00	37.94 -1.75 0.00	36.93 -1.74 0.00	34.44 -1.40 0.00
ROCKVIEW_13_KV_LD 356306	41.51 2.72 0.00	34.98 2.32 0.00	31.88 1.97 0.00	30.54 1.84 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.88 0.00	38.25 2.17 0.00	38.78 2.30 0.00	37.26 2.43 -0.11	39.53 2.71 -0.19	42.51 3.14 -0.10	43.46 3.25 -1.03	44.76 3.44 -0.91	45.47 3.58 -0.79	49.67 4.01 -1.12	51.63 4.21 -0.07	52.63 3.99 0.00	50.15 3.59 0.00	47.95 3.14 0.00	42.39 2.70 0.00	41.07 2.40 0.00	37.95 2.11 0.00
ROME____115KV_TB2 80656	39.65 0.85 0.00	33.28 0.62 0.00	30.54 0.63 0.00	29.30 0.60 0.00	28.91 0.59 0.00	29.86 0.67 0.00	34.95 0.72 0.00	34.79 0.68 0.00	36.74 0.65 0.00	37.18 0.69 0.00	35.27 0.56 0.00	37.18 0.55 0.00	39.81 0.55 0.00	39.72 0.55 0.00	40.94 0.53 0.00	41.64 0.53 0.00	45.07 0.53 0.00	48.01 0.66 0.00	49.56 0.92 0.00	47.40 0.84 0.00	45.71 0.90 0.00	40.44 0.75 0.00	39.29 0.62 0.00	36.45 0.61 0.00
ROSETON___1 23587	40.46 1.67 0.00	34.09 1.44 0.00	31.13 1.23 0.00	29.85 1.15 0.00	29.45 1.13 0.00	30.33 1.14 0.00	35.33 1.10 0.00	35.17 1.06 0.00	37.32 1.23 0.00	37.76 1.28 0.00	36.18 1.39 -0.07	38.29 1.54 -0.12	41.13 1.81 -0.06	40.38 1.92 0.72	41.80 2.02 0.63	42.57 2.01 0.55	46.12 2.36 0.78	49.68 2.41 0.08	50.88 2.24 0.00	48.61 2.05 0.00	46.61 1.79 0.00	41.20 1.51 0.00	40.07 1.39 0.00	37.02 1.18 0.00
ROSETON___2 23588	40.46 1.67 0.00	34.09 1.44 0.00	31.13 1.23 0.00	29.85 1.15 0.00	29.45 1.13 0.00	30.33 1.14 0.00	35.33 1.10 0.00	35.17 1.06 0.00	37.32 1.23 0.00	37.76 1.28 0.00	36.18 1.39 -0.07	38.29 1.54 -0.12	41.13 1.81 -0.06	40.38 1.92 0.72	41.80 2.02 0.63	42.57 2.01 0.55	46.12 2.36 0.78	49.68 2.41 0.08	50.88 2.24 0.00	48.61 2.05 0.00	46.61 1.79 0.00	41.20 1.51 0.00	40.07 1.39 0.00	37.02 1.18 0.00
ROTRRDAM_115KV_TB3 80664	40.19 1.40 0.00	33.83 1.18 0.00	30.95 1.05 0.00	29.70 1.00 0.00	29.28 0.96 0.00	30.18 0.99 0.00	35.15 0.92 0.00	35.03 0.92 0.00	37.03 0.94 0.00	37.40 0.91 0.00	35.51 0.87 0.08	37.46 0.95 0.13	40.29 1.10 0.07	40.47 1.14 -0.16	41.69 1.13 -0.14	42.42 1.19 -0.12	46.01 1.29 -0.18	48.83 1.47 -0.01	50.10 1.46 0.00	47.87 1.30 0.00	46.03 1.21 0.00	40.76 1.07 0.00	39.80 1.12 0.00	36.80 0.97 0.00
RUSSELL___1 23602	37.86 -0.93 0.00	31.64 -1.01 0.00	29.04 -0.87 0.00	27.78 -0.92 0.00	27.44 -0.88 0.00	28.37 -0.82 0.00	32.76 -1.47 0.00	32.57 -1.53 0.00	34.50 -1.59 0.00	34.88 -1.61 0.00	33.11 -1.60 0.01	34.97 -1.65 0.01	37.21 -2.04 0.01	36.93 -2.23 0.01	38.10 -2.30 0.01	38.33 -2.80 -0.02	40.73 -3.12 0.69	43.49 -3.36 0.50	45.76 -2.87 0.01	44.33 -2.24 0.00	42.94 -1.88 0.00	38.14 -1.55 0.00	37.09 -1.59 0.00	34.58 -1.25 0.00
RUSSELL___2 23532	37.86 -0.93 0.00	31.64 -1.01 0.00	29.04 -0.87 0.00	27.78 -0.92 0.00	27.44 -0.88 0.00	28.37 -0.82 0.00	32.76 -1.47 0.00	32.57 -1.53 0.00	34.50 -1.59 0.00	34.88 -1.61 0.00	33.11 -1.60 0.01	34.97 -1.65 0.01	37.21 -2.04 0.01	36.93 -2.23 0.01	38.10 -2.30 0.01	38.33 -2.80 -0.02	40.73 -3.12 0.69	43.49 -3.36 0.50	45.76 -2.87 0.01	44.33 -2.24 0.00	42.94 -1.88 0.00	38.14 -1.55 0.00	37.09 -1.59 0.00	34.58 -1.25 0.00
RUSSELL___3 23549	37.86 -0.93 0.00	31.64 -1.01 0.00	29.04 -0.87 0.00	27.78 -0.92 0.00	27.44 -0.88 0.00	28.37 -0.82 0.00	32.76 -1.47 0.00	32.57 -1.53 0.00	34.50 -1.59 0.00	34.88 -1.61 0.00	33.11 -1.60 0.01	34.97 -1.65 0.01	37.21 -2.04 0.01	36.93 -2.23 0.01	38.10 -2.30 0.01	38.33 -2.80 -0.02	40.73 -3.12 0.69	43.49 -3.36 0.50	45.76 -2.87 0.01	44.33 -2.24 0.00	42.94 -1.88 0.00	38.14 -1.55 0.00	37.09 -1.59 0.00	34.58 -1.25 0.00
RUSSELL___4 23556	37.86 -0.93 0.00	31.64 -1.01 0.00	29.04 -0.87 0.00	27.78 -0.92 0.00	27.44 -0.88 0.00	28.37 -0.82 0.00	32.76 -1.47 0.00	32.57 -1.53 0.00	34.50 -1.59 0.00	34.88 -1.61 0.00	33.11 -1.60 0.01	34.97 -1.65 0.01	37.21 -2.04 0.01	36.93 -2.23 0.01	38.10 -2.30 0.01	38.33 -2.80 -0.02	40.73 -3.12 0.69	43.49 -3.36 0.50	45.76 -2.87 0.01	44.33 -2.24 0.00	42.94 -1.88 0.00	38.14 -1.55 0.00	37.09 -1.59 0.00	34.58 -1.25 0.00
RUSSELL___STATION 23914	37.86 -0.93 0.00	31.64 -1.01 0.00	29.04 -0.87 0.00	27.78 -0.92 0.00	27.44 -0.88 0.00	28.37 -0.82 0.00	32.76 -1.47 0.00	32.57 -1.53 0.00	34.50 -1.59 0.00	34.88 -1.61 0.00	33.11 -1.60 0.01	34.97 -1.65 0.01	37.21 -2.04 0.01	36.93 -2.23 0.01	38.10 -2.30 0.01	38.33 -2.80 -0.02	40.73 -3.12 0.69	43.49 -3.36 0.50	45.76 -2.87 0.01	44.33 -2.24 0.00	42.94 -1.88 0.00	38.14 -1.55 0.00	37.09 -1.59 0.00	34.58 -1.25 0.00
S SALMON___HYD 24043	38.37 -0.43 0.00	32.10 -0.56 0.00	29.43 -0.48 0.00	28.24 -0.46 0.00	27.86 -0.45 0.00	28.78 -0.41 0.00	33.68 -0.55 0.00	33.53 -0.58 0.00	35.40 -0.69 0.00	35.79 -0.69 0.00	33.99 -0.73 0.00	35.79 -0.84 0.00	38.28 -0.98 0.00	38.16 -1.02 0.00	39.33 -1.09 0.00	40.04 -1.07 0.00	43.34 -1.20 0.00	46.12 -1.23 0.00	47.61 -1.02 0.00	45.54 -1.02 0.00	43.92 -0.90 0.00	38.90 -0.79 0.00	37.90 -0.77 0.00	35.15 -0.68 0.00
S.PERRY__115KV_TB1 80734	38.60 -0.19 0.00	32.27 -0.39 0.00	29.67 -0.24 0.00	28.35 -0.34 0.00	28.00 -0.31 0.00	29.04 -0.15 0.00	33.48 -0.75 0.00	33.26 -0.85 0.00	35.08 -1.01 0.00	35.21 -1.28 0.00	33.23 -1.46 0.03	34.96 -1.65 0.03	37.19 -2.04 0.03	36.95 -2.19 0.03	38.16 -2.22 0.03	38.58 -2.47 0.06	46.40 -2.67 -4.54	43.42 -2.56 1.37	46.71 -1.90 0.03	45.21 -1.35 0.00	43.83 -0.99 0.00	38.89 -0.79 0.00	37.82 -0.85 0.00	35.30 -0.54 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.19 -2.60 0.00	30.14 -2.51 0.00	27.75 -2.15 0.00	26.55 -2.15 0.00	26.28 -2.04 0.00	27.23 -1.96 0.00	30.94 -3.29 0.00	30.77 -3.34 0.00	32.44 -3.64 0.00	32.58 -3.90 0.00	30.88 -3.82 0.02	32.55 -4.07 0.02	34.57 -4.67 0.02	34.45 -4.70 0.02	35.63 -4.77 0.02	35.62 -5.34 0.14	35.04 -5.88 3.62	37.82 -6.30 3.23	42.49 -6.13 0.02	41.30 -5.26 0.00	40.20 -4.62 0.00	35.92 -3.77 0.00	34.96 -3.71 0.00	32.97 -2.87 0.00

SAWYER___23_KV_LOAD 55526	36.19 -2.60 0.00	30.14 -2.51 0.00	27.75 -2.15 0.00	26.55 -2.15 0.00	26.28 -2.04 0.00	27.23 -1.96 0.00	30.94 -3.29 0.00	30.77 -3.34 0.00	32.44 -3.64 0.00	32.58 -3.90 0.00	30.88 -3.82 0.02	32.55 -4.07 0.02	34.57 -4.67 0.02	34.45 -4.70 0.02	35.63 -4.77 0.02	35.62 -5.34 0.14	35.04 -5.88 3.62	37.82 -6.30 3.23	42.49 -6.13 0.02	41.30 -5.26 0.00	40.20 -4.62 0.00	35.92 -3.77 0.00	34.96 -3.71 0.00	32.97 -2.87 0.00
SELKIRK___I 23801	40.15 1.36 0.00	33.83 1.17 0.00	30.95 1.05 0.00	29.73 1.03 0.00	29.31 0.99 0.00	30.18 0.99 0.00	35.12 0.89 0.00	34.96 0.85 0.00	36.88 0.79 0.00	37.22 0.73 0.00	35.40 0.73 0.05	37.32 0.77 0.08	40.04 0.83 0.05	40.23 0.90 -0.16	41.56 1.01 -0.14	42.21 0.98 -0.12	45.82 1.11 -0.17	44.95 1.28 3.68	46.53 1.22 3.33	44.78 1.12 2.90	45.76 0.94 0.00	40.52 0.83 0.00	39.49 0.81 0.00	36.55 0.72 0.00
SELKIRK___II 23799	39.96 1.16 0.00	33.67 1.01 0.00	30.84 0.93 0.00	29.59 0.89 0.00	29.16 0.85 0.00	30.06 0.87 0.00	34.98 0.75 0.00	34.86 0.75 0.00	36.85 0.76 0.00	37.18 0.69 0.00	35.32 0.66 0.06	37.23 0.69 0.10	39.99 0.78 0.05	40.21 0.86 -0.18	41.54 0.97 -0.15	42.19 0.95 -0.13	45.80 1.07 -0.19	44.35 1.18 4.19	45.92 1.07 3.79	44.24 0.98 3.30	45.63 0.81 0.00	40.36 0.67 0.00	39.37 0.70 0.00	36.41 0.57 0.00
SENECA OSWGO___HYD 24041	38.10 -0.70 0.00	31.97 -0.69 0.00	29.25 -0.66 0.00	28.04 -0.66 0.00	27.66 -0.65 0.00	28.55 -0.64 0.00	33.34 -0.89 0.00	33.22 -0.89 0.00	35.15 -0.94 0.00	35.54 -0.95 0.00	33.78 -0.94 0.00	35.61 -1.03 0.00	38.09 -1.18 0.00	38.00 -1.17 0.00	39.16 -1.25 0.00	39.83 -1.27 0.00	43.07 -1.47 0.00	45.79 -1.56 0.00	47.23 -1.41 0.00	45.26 -1.30 0.00	43.56 -1.25 0.00	38.54 -1.15 0.00	37.55 -1.12 0.00	34.87 -0.97 0.00
SENECA___115KV_TB3 355854	36.47 -2.33 0.00	30.40 -2.25 0.00	27.99 -1.91 0.00	26.75 -1.95 0.00	26.47 -1.84 0.00	27.50 -1.69 0.00	31.25 -2.98 0.00	31.04 -3.07 0.00	32.77 -3.32 0.00	32.91 -3.58 0.00	31.19 -3.51 0.02	32.91 -3.70 0.02	35.12 -4.12 0.02	35.04 -4.11 0.02	36.15 -4.24 0.02	36.40 -4.56 0.14	35.64 -5.08 3.82	38.68 -5.40 3.27	43.22 -5.40 0.02	41.77 -4.80 0.00	40.60 -4.21 0.00	36.24 -3.45 0.00	35.27 -3.40 0.00	33.26 -2.58 0.00
SENECA___ENERGY 23797	38.21 -0.58 0.00	32.00 -0.65 0.00	29.31 -0.60 0.00	28.07 -0.63 0.00	27.72 -0.60 0.00	28.63 -0.56 0.00	33.34 -0.89 0.00	33.19 -0.92 0.00	35.15 -0.94 0.00	35.50 -0.98 0.00	33.67 -1.04 0.00	35.49 -1.14 0.00	37.92 -1.34 0.00	37.80 -1.37 0.00	38.92 -1.49 0.00	39.66 -1.44 0.01	42.97 -1.74 -0.17	45.33 -1.80 0.22	47.08 -1.56 0.00	45.21 -1.35 0.00	43.61 -1.21 0.00	38.62 -1.07 0.00	37.59 -1.08 0.00	34.94 -0.89 0.00
SHOEMAKER___GT 23640	40.35 1.55 0.00	34.00 1.34 0.00	31.07 1.17 0.00	29.79 1.09 0.00	29.39 1.08 0.00	30.27 1.08 0.00	35.26 1.03 0.00	35.10 0.99 0.00	37.21 1.12 0.00	37.65 1.17 0.00	36.04 1.25 -0.08	38.16 1.39 -0.14	40.98 1.65 -0.07	39.86 1.76 1.08	41.33 1.86 0.95	42.18 1.89 0.82	45.59 2.23 1.17	49.55 2.32 0.12	50.78 2.14 0.00	48.56 2.00 0.00	46.61 1.79 0.00	41.16 1.47 0.00	39.99 1.32 0.00	36.98 1.15 0.00
SHOEMAKR_138KV_BK 111 55601	40.38 1.59 0.00	34.03 1.37 0.00	31.07 1.17 0.00	29.79 1.09 0.00	29.36 1.05 0.00	30.27 1.08 0.00	35.26 1.03 0.00	35.10 0.99 0.00	37.21 1.12 0.00	37.69 1.20 0.00	36.08 1.28 -0.08	38.23 1.47 -0.13	41.06 1.73 -0.07	39.89 1.76 1.05	41.35 1.86 0.92	42.28 1.97 0.80	45.62 2.23 1.14	49.55 2.32 0.12	50.83 2.19 0.00	48.52 1.96 0.00	46.57 1.75 0.00	41.16 1.47 0.00	39.99 1.31 0.00	36.98 1.15 0.00
SHOREHAM_IC_1 23715	41.63 2.83 -0.01	35.05 2.38 -0.01	31.95 2.03 -0.01	30.60 1.89 -0.01	30.22 1.90 -0.01	31.15 1.96 -0.01	35.63 1.40 0.00	35.88 1.77 0.00	38.23 2.13 -0.01	39.51 2.19 -0.83	42.70 2.15 -5.83	44.89 2.09 -6.17	55.95 2.55 -14.14	58.52 2.82 -16.52	59.17 3.07 -15.68	67.82 3.08 -23.63	67.78 3.78 -19.46	67.43 3.98 -16.11	63.71 3.75 -11.32	59.30 3.59 -9.15	49.60 2.87 -1.91	44.35 2.62 -2.04	41.32 2.40 -0.25	38.14 2.30 -0.01
SHOREHAM_IC_2 23716	41.67 2.87 -0.01	35.08 2.42 -0.01	31.95 2.03 -0.01	30.60 1.89 -0.01	30.22 1.90 -0.01	31.15 1.96 -0.01	35.63 1.40 0.00	35.95 1.84 0.00	38.23 2.13 -0.01	39.54 2.23 -0.83	42.70 2.15 -5.83	44.92 2.12 -6.17	55.95 2.55 -14.14	58.32 2.62 -16.52	59.01 2.91 -15.68	67.90 3.17 -23.63	67.74 3.74 -19.46	67.43 3.98 -16.11	63.76 3.79 -11.32	59.30 3.59 -9.15	49.78 3.05 -1.91	44.35 2.62 -2.04	41.32 2.40 -0.25	38.14 2.29 -0.01
SISSONVILLE___ 23735	38.56 -0.23 0.00	32.56 -0.10 0.00	29.91 0.00 0.00	28.79 0.09 0.00	28.43 0.11 0.00	29.34 0.15 0.00	34.81 0.58 0.00	34.72 0.61 0.00	36.59 0.51 0.00	37.07 0.58 0.00	35.17 0.45 0.00	37.04 0.40 0.00	39.69 0.43 0.00	39.49 0.31 0.00	40.62 0.20 0.00	41.48 0.37 0.00	44.98 0.45 0.00	47.87 0.52 0.00	49.32 0.68 0.00	47.21 0.65 0.00	45.71 0.90 0.00	40.48 0.79 0.00	39.45 0.77 0.00	36.48 0.65 0.00
SITHE_IND_GS1 24169	37.59 -1.20 0.00	31.55 -1.11 0.00	28.89 -1.02 0.00	27.69 -1.01 0.00	27.32 -0.99 0.00	28.20 -0.99 0.00	32.93 -1.30 0.00	32.81 -1.30 0.00	34.72 -1.37 0.00	35.10 -1.39 0.00	33.36 -1.35 0.00	35.20 -1.43 0.00	37.65 -1.61 0.00	37.53 -1.64 0.00	38.72 -1.70 0.00	39.34 -1.77 0.00	42.58 -1.96 0.00	45.28 -2.08 -0.02	46.64 -2.00 0.00	44.70 -1.86 0.00	43.07 -1.75 0.00	38.10 -1.59 0.00	37.13 -1.55 0.00	34.44 -1.40 0.00
SITHE_IND_GS2 24170	37.59 -1.20 0.00	31.55 -1.11 0.00	28.89 -1.02 0.00	27.69 -1.01 0.00	27.32 -0.99 0.00	28.20 -0.99 0.00	32.93 -1.30 0.00	32.81 -1.30 0.00	34.72 -1.37 0.00	35.10 -1.39 0.00	33.36 -1.35 0.00	35.20 -1.43 0.00	37.65 -1.61 0.00	37.53 -1.64 0.00	38.72 -1.70 0.00	39.34 -1.77 0.00	42.58 -1.96 0.00	45.28 -2.08 -0.02	46.64 -2.00 0.00	44.70 -1.86 0.00	43.07 -1.75 0.00	38.10 -1.59 0.00	37.13 -1.55 0.00	34.44 -1.40 0.00
SITHE_IND_GS3 24171	37.59 -1.20 0.00	31.55 -1.11 0.00	28.89 -1.02 0.00	27.69 -1.01 0.00	27.32 -0.99 0.00	28.20 -0.99 0.00	32.93 -1.30 0.00	32.81 -1.30 0.00	34.72 -1.37 0.00	35.10 -1.39 0.00	33.36 -1.35 0.00	35.20 -1.43 0.00	37.65 -1.61 0.00	37.53 -1.64 0.00	38.72 -1.70 0.00	39.34 -1.77 0.00	42.58 -1.96 0.00	45.28 -2.08 -0.02	46.64 -2.00 0.00	44.70 -1.86 0.00	43.07 -1.75 0.00	38.10 -1.59 0.00	37.13 -1.55 0.00	34.44 -1.40 0.00
SITHE_IND_GS4 24172	37.59 -1.20 0.00	31.55 -1.11 0.00	28.89 -1.02 0.00	27.69 -1.01 0.00	27.32 -0.99 0.00	28.20 -0.99 0.00	32.93 -1.30 0.00	32.81 -1.30 0.00	34.72 -1.37 0.00	35.10 -1.39 0.00	33.36 -1.35 0.00	35.20 -1.43 0.00	37.65 -1.61 0.00	37.53 -1.64 0.00	38.72 -1.70 0.00	39.34 -1.77 0.00	42.58 -1.96 0.00	45.28 -2.08 -0.02	46.64 -2.00 0.00	44.70 -1.86 0.00	43.07 -1.75 0.00	38.10 -1.59 0.00	37.13 -1.55 0.00	34.44 -1.40 0.00



STATE_CA_115KV_115_LB 55624	40.11 1.32 0.00	33.80 1.14 0.00	30.95 1.05 0.00	29.73 1.03 0.00	29.31 0.99 0.00	30.18 0.99 0.00	35.09 0.86 0.00	34.96 0.85 0.00	36.99 0.90 0.00	37.32 0.84 0.00	35.32 0.69 0.09	37.18 0.70 0.15	39.93 0.75 0.08	40.22 0.86 -0.19	41.55 0.97 -0.16	42.24 0.99 -0.14	45.77 1.02 -0.20	42.74 1.18 5.79	44.52 1.12 5.23	42.94 0.93 4.56	45.71 0.90 0.00	40.44 0.75 0.00	39.37 0.70 0.00	36.41 0.57 0.00
STATE_ST_34_KV_LOAD 55959	38.56 -0.23 0.00	32.30 -0.36 0.00	29.58 -0.33 0.00	28.33 -0.37 0.00	27.98 -0.34 0.00	28.90 -0.29 0.00	33.72 -0.51 0.00	33.56 -0.55 0.00	35.51 -0.58 0.00	35.90 -0.58 0.00	34.13 -0.59 -0.01	36.02 -0.62 -0.01	38.48 -0.79 -0.01	38.32 -0.86 -0.01	39.49 -0.93 -0.01	40.17 -0.95 -0.01	43.91 -1.11 -0.49	46.77 -1.09 -0.51	47.72 -0.92 -0.01	45.82 -0.75 0.00	44.10 -0.72 0.00	39.05 -0.64 0.00	38.02 -0.66 0.00	35.30 -0.54 0.00
STATION_5_MISC_HYD 23604	37.75 -1.05 0.00	31.61 -1.05 0.00	28.92 -0.99 0.00	27.69 -1.01 0.00	27.32 -0.99 0.00	28.25 -0.94 0.00	32.66 -1.57 0.00	32.51 -1.60 0.00	34.43 -1.66 0.00	34.81 -1.68 0.00	32.97 -1.73 0.01	34.72 -1.91 0.01	37.02 -2.24 0.01	36.77 -2.39 0.01	37.86 -2.54 0.01	38.41 -2.71 -0.02	40.55 -3.30 0.69	43.35 -3.50 0.50	45.86 -2.77 0.01	44.14 -2.42 0.00	42.89 -1.93 0.00	37.94 -1.75 0.00	36.94 -1.74 0.00	34.44 -1.40 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.94 -0.85 0.00	31.74 -0.91 0.00	29.13 -0.78 0.00	27.87 -0.83 0.00	27.52 -0.79 0.00	28.46 -0.73 0.00	33.00 -1.23 0.00	32.81 -1.30 0.00	34.75 -1.34 0.00	35.10 -1.39 0.00	33.32 -1.39 0.01	35.19 -1.43 0.01	37.48 -1.77 0.01	37.28 -1.88 0.01	38.46 -1.94 0.01	38.89 -2.22 0.00	41.19 -2.54 0.81	43.93 -2.70 0.72	46.29 -2.33 0.01	44.65 -1.91 0.00	43.11 -1.70 0.00	38.30 -1.39 0.00	37.24 -1.43 0.00	34.69 -1.15 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.55 -1.24 0.00	31.42 -1.24 0.00	28.80 -1.11 0.00	27.58 -1.12 0.00	27.21 -1.10 0.00	28.14 -1.05 0.00	32.55 -1.68 0.00	32.37 -1.74 0.00	34.28 -1.80 0.00	34.63 -1.86 0.00	32.90 -1.81 0.01	34.72 -1.90 0.01	36.94 -2.32 0.01	36.70 -2.47 0.01	37.90 -2.51 0.01	38.12 -3.00 -0.02	40.52 -3.34 0.68	43.25 -3.60 0.50	45.47 -3.16 0.01	44.05 -2.51 0.00	42.62 -2.20 0.00	37.82 -1.87 0.00	36.82 -1.86 0.00	34.33 -1.51 0.00
STA_56___34_KV_BUS2 355983	37.55 -1.24 0.00	31.42 -1.24 0.00	28.80 -1.11 0.00	27.58 -1.12 0.00	27.21 -1.10 0.00	28.14 -1.05 0.00	32.55 -1.68 0.00	32.37 -1.74 0.00	34.28 -1.80 0.00	34.63 -1.86 0.00	32.90 -1.81 0.01	34.72 -1.90 0.01	36.94 -2.32 0.01	36.70 -2.47 0.01	37.90 -2.51 0.01	38.12 -3.00 -0.02	40.52 -3.34 0.68	43.25 -3.60 0.50	45.47 -3.16 0.01	44.05 -2.51 0.00	42.62 -2.20 0.00	37.82 -1.87 0.00	36.82 -1.86 0.00	34.33 -1.51 0.00
STA_67___115KV_BK2 355882	37.63 -1.16 0.00	31.45 -1.21 0.00	28.86 -1.05 0.00	27.64 -1.06 0.00	27.27 -1.05 0.00	28.23 -0.96 0.00	32.59 -1.64 0.00	32.44 -1.67 0.00	34.32 -1.77 0.00	34.63 -1.86 0.00	32.90 -1.81 0.01	34.72 -1.90 0.01	36.94 -2.32 0.01	36.66 -2.51 0.01	37.86 -2.55 0.01	38.08 -3.04 -0.02	40.46 -3.38 0.69	43.26 -3.60 0.49	45.47 -3.16 0.01	44.05 -2.51 0.00	42.67 -2.15 0.00	37.86 -1.83 0.00	36.86 -1.82 0.00	34.37 -1.47 0.00
STA_7___115KV_9TRANS 80674	37.86 -0.93 0.00	31.64 -1.01 0.00	29.04 -0.87 0.00	27.78 -0.92 0.00	27.44 -0.88 0.00	28.37 -0.82 0.00	32.76 -1.47 0.00	32.57 -1.53 0.00	34.50 -1.59 0.00	34.88 -1.61 0.00	33.11 -1.60 0.01	34.97 -1.65 0.01	37.21 -2.04 0.01	36.93 -2.23 0.01	38.10 -2.30 0.01	38.33 -2.80 -0.02	40.73 -3.12 0.69	43.49 -3.36 0.50	45.76 -2.87 0.01	44.33 -2.24 0.00	42.94 -1.88 0.00	38.14 -1.55 0.00	37.09 -1.59 0.00	34.58 -1.25 0.00
STA_82___115KV_TB1 80780	37.63 -1.16 0.00	31.48 -1.18 0.00	28.86 -1.05 0.00	27.64 -1.06 0.00	27.30 -1.02 0.00	28.23 -0.96 0.00	32.59 -1.64 0.00	32.44 -1.67 0.00	34.32 -1.77 0.00	34.66 -1.82 0.00	32.90 -1.81 0.01	34.72 -1.90 0.01	36.94 -2.32 0.01	36.66 -2.51 0.01	37.90 -2.51 0.01	38.09 -3.04 -0.02	40.46 -3.38 0.70	43.24 -3.60 0.51	45.47 -3.16 0.01	44.05 -2.51 0.00	42.67 -2.15 0.00	37.86 -1.83 0.00	36.86 -1.82 0.00	34.40 -1.43 0.00
STEEL___WIND 323596	36.54 -2.25 0.00	30.50 -2.16 0.00	27.96 -1.94 0.00	26.72 -1.98 0.00	26.47 -1.84 0.00	27.44 -1.75 0.00	31.25 -2.98 0.00	31.07 -3.04 0.00	32.84 -3.25 0.00	33.05 -3.43 0.00	31.15 -3.54 0.02	32.84 -3.77 0.02	35.04 -4.20 0.02	34.96 -4.19 0.02	35.95 -4.45 0.02	36.57 -4.40 0.14	35.60 -5.12 3.82	38.64 -5.44 3.27	43.22 -5.40 0.02	41.72 -4.84 0.00	40.87 -3.94 0.00	36.20 -3.49 0.00	35.23 -3.44 0.00	33.22 -2.61 0.00
STEPHTWN_115KV_BK_2 55603	40.35 1.55 0.00	34.00 1.34 0.00	31.13 1.23 0.00	29.90 1.21 0.00	29.45 1.13 0.00	30.36 1.17 0.00	35.29 1.06 0.00	35.17 1.06 0.00	37.21 1.12 0.00	37.54 1.06 0.00	35.53 0.90 0.09	37.40 0.92 0.15	40.16 0.98 0.08	40.42 1.06 -0.19	41.75 1.17 -0.17	42.44 1.19 -0.14	46.04 1.29 -0.21	42.04 1.47 6.78	43.92 1.41 6.13	42.49 1.26 5.34	45.98 1.17 0.00	40.72 1.03 0.00	39.64 0.97 0.00	36.63 0.79 0.00
STEBEN_REC_LFGE 323667	37.63 -1.16 0.00	31.55 -1.11 0.00	29.07 -0.84 0.00	27.81 -0.89 0.00	27.52 -0.79 0.00	28.55 -0.64 0.00	32.93 -1.30 0.00	32.71 -1.40 0.00	34.54 -1.55 0.00	34.73 -1.75 0.00	32.81 -1.84 0.07	34.55 -2.01 0.07	36.84 -2.36 0.07	36.68 -2.43 0.07	37.84 -2.51 0.07	38.46 -2.51 0.14	41.27 -2.85 0.42	39.82 -2.84 4.69	45.95 -2.63 0.07	44.23 -2.33 0.00	42.80 -2.02 0.00	38.02 -1.67 0.00	36.97 -1.70 0.00	34.58 -1.25 0.00
STILLWATER___SOLAR 323814	41.16 2.37 0.00	34.65 1.99 0.00	31.70 1.79 0.00	30.42 1.72 0.00	29.96 1.64 0.00	30.91 1.72 0.00	35.94 1.71 0.00	35.78 1.67 0.00	37.78 1.70 0.00	38.13 1.64 0.00	36.10 1.49 0.11	38.13 1.69 0.19	40.97 1.81 0.10	40.93 1.57 -0.18	42.35 1.78 -0.16	42.97 1.73 -0.14	46.61 1.87 -0.20	55.43 2.27 -5.80	56.14 2.29 -5.22	53.25 2.14 -4.54	46.88 2.06 0.00	41.48 1.79 0.00	40.68 2.01 0.00	37.56 1.72 0.00
STONY___BROOK 24151	42.22 3.41 -0.01	35.54 2.87 -0.01	32.40 2.48 -0.01	31.03 2.32 -0.01	30.65 2.32 -0.01	31.59 2.39 -0.01	36.22 1.98 0.00	36.43 2.32 0.00	38.80 2.71 -0.01	40.09 2.77 -0.83	43.24 2.67 -5.85	45.42 2.60 -6.18	56.54 3.10 -14.18	59.15 3.41 -16.56	59.78 3.64 -15.73	68.25 3.45 -23.69	68.15 4.09 -19.52	67.86 4.35 -16.16	64.08 4.09 -11.36	59.88 4.14 -9.18	50.19 3.45 -1.92	44.87 3.13 -2.05	41.86 2.94 -0.25	38.64 2.80 -0.01
STURGEON_POOL_HYD 23609	40.81 2.02 0.00	34.39 1.73 0.00	31.40 1.50 0.00	30.11 1.41 0.00	29.67 1.36 0.00	30.56 1.37 0.00	35.57 1.33 0.00	35.40 1.30 0.00	37.57 1.48 0.00	38.05 1.57 0.00	36.57 1.81 -0.05	38.73 2.01 -0.08	41.62 2.32 -0.04	41.32 2.27 0.12	42.73 2.42 0.11	43.52 2.51 0.09	47.25 2.85 0.14	49.68 3.13 0.80	50.91 2.97 0.69	48.61 2.65 0.60	47.06 2.24 0.00	41.55 1.87 0.00	40.45 1.78 0.00	37.41 1.58 0.00







V_F_30_NSYNC___DSASP 323816	41.16 2.37 0.00	34.68 2.03 0.00	31.70 1.79 0.00	30.42 1.72 0.00	29.99 1.67 0.00	30.91 1.72 0.00	35.94 1.71 0.00	35.78 1.67 0.00	37.82 1.73 0.00	38.17 1.68 0.00	36.18 1.56 0.11	38.21 1.76 0.18	41.05 1.88 0.10	41.00 1.65 -0.18	42.39 1.82 -0.16	43.01 1.77 -0.14	46.65 1.91 -0.20	54.60 2.27 -4.97	55.39 2.29 -4.47	52.64 2.19 -3.89	46.88 2.06 0.00	41.52 1.83 0.00	40.68 2.01 0.00	37.59 1.76 0.00
V_F_30_SYNC_DSASP 323786	40.11 1.32 0.00	33.80 1.14 0.00	30.95 1.05 0.00	29.73 1.03 0.00	29.31 0.99 0.00	30.18 0.99 0.00	35.09 0.86 0.00	34.96 0.85 0.00	36.99 0.90 0.00	37.32 0.84 0.00	35.32 0.69 0.09	37.18 0.70 0.15	39.93 0.75 0.08	40.22 0.86 -0.19	41.55 0.97 -0.16	42.24 0.99 -0.14	45.77 1.02 -0.20	42.67 1.18 5.86	44.41 1.07 5.30	42.88 0.93 4.62	45.67 0.85 0.00	40.44 0.75 0.00	39.37 0.70 0.00	36.41 0.57 0.00
V_XM_10_SYNC_DSASP 323789	37.63 -1.16 0.00	32.13 -0.52 0.00	29.79 -0.12 0.00	28.90 0.20 0.00	28.63 0.31 0.00	29.54 0.35 0.00	35.09 0.86 0.00	35.03 0.92 0.00	37.02 0.94 0.00	37.54 1.06 0.00	35.66 0.94 0.00	37.58 0.95 0.00	40.28 1.02 0.00	39.96 0.78 0.00	41.06 0.64 0.00	41.97 0.86 0.00	45.56 1.03 0.00	47.68 0.33 0.00	48.83 0.20 0.00	46.75 0.19 0.00	45.67 0.85 0.00	41.20 1.51 0.00	40.11 1.43 0.00	37.12 1.29 0.00
W.BABYLN_69_KV_BK1 56697	42.49 3.69 -0.01	35.80 3.14 -0.01	32.64 2.72 -0.01	31.26 2.55 -0.01	30.84 2.52 -0.01	31.80 2.60 -0.01	36.52 2.29 0.00	36.77 2.66 0.00	39.09 3.00 -0.01	40.47 3.06 -0.92	44.05 2.92 -6.42	46.41 3.00 -6.78	58.25 3.42 -15.57	60.69 3.41 -18.10	61.33 3.72 -17.19	70.93 3.86 -25.96	70.40 4.50 -21.36	69.90 4.78 -17.77	65.69 4.57 -12.48	60.98 4.33 -10.09	50.78 3.85 -2.11	45.35 3.41 -2.25	42.20 3.25 -0.27	38.86 3.01 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.12 2.33 0.00	34.68 2.02 0.00	31.64 1.73 0.00	30.31 1.61 0.00	29.87 1.56 0.00	30.80 1.61 0.00	35.84 1.61 0.00	35.71 1.60 0.00	37.93 1.84 0.00	38.46 1.97 0.00	36.90 2.08 -0.10	39.14 2.34 -0.17	42.06 2.71 -0.09	40.43 2.78 1.53	42.02 2.95 1.35	42.98 3.04 1.17	46.30 3.43 1.67	50.79 3.60 0.16	52.04 3.40 0.00	49.64 3.07 0.00	47.55 2.73 0.00	41.99 2.30 0.00	40.76 2.09 0.00	37.63 1.79 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.55 2.75 0.00	35.01 2.35 0.00	31.88 1.97 0.00	30.56 1.87 0.00	30.10 1.78 0.00	31.03 1.84 0.00	36.11 1.88 0.00	36.02 1.91 0.00	38.33 2.24 0.00	38.89 2.41 0.00	37.36 2.53 -0.11	39.64 2.82 -0.19	42.62 3.26 -0.10	43.54 3.33 -1.03	44.84 3.52 -0.91	45.51 3.62 -0.79	49.72 4.05 -1.13	51.68 4.26 -0.07	52.63 3.99 0.00	50.15 3.59 0.00	48.00 3.18 0.00	42.47 2.78 0.00	41.11 2.44 0.00	37.95 2.11 0.00
W50THST__13_KV_LOAD 356117	41.74 2.95 0.00	35.17 2.51 0.00	32.03 2.12 0.00	30.68 1.98 0.00	30.24 1.93 0.00	31.17 1.98 0.00	36.25 2.02 0.00	36.19 2.08 0.00	38.51 2.42 0.00	39.08 2.59 0.00	37.57 2.74 -0.11	39.86 3.04 -0.19	42.90 3.53 -0.10	43.81 3.60 -1.03	45.08 3.76 -0.91	45.76 3.86 -0.79	49.98 4.32 -1.13	51.97 4.55 -0.07	52.87 4.23 0.00	50.38 3.82 0.00	48.22 3.41 0.00	42.67 2.98 0.00	41.27 2.59 0.00	38.13 2.29 0.00
WADING RIVER_IC_1 23522	41.56 2.75 -0.01	34.98 2.32 -0.01	31.92 2.00 -0.01	30.55 1.84 -0.01	30.16 1.84 -0.01	31.09 1.90 -0.01	35.56 1.33 0.00	35.81 1.70 0.00	38.15 2.06 -0.01	39.47 2.15 -0.83	42.66 2.12 -5.82	44.84 2.05 -6.16	55.89 2.52 -14.11	58.49 2.82 -16.49	59.11 3.03 -15.66	67.69 3.00 -23.59	67.62 3.65 -19.43	67.31 3.88 -16.08	63.54 3.60 -11.31	59.23 3.54 -9.13	49.51 2.78 -1.91	44.27 2.54 -2.04	41.24 2.32 -0.25	38.07 2.22 -0.01
WADING RIVER_IC_2 23547	41.56 2.75 -0.01	34.98 2.32 -0.01	31.92 2.00 -0.01	30.55 1.84 -0.01	30.16 1.84 -0.01	31.09 1.90 -0.01	35.56 1.33 0.00	35.81 1.70 0.00	38.15 2.06 -0.01	39.47 2.15 -0.83	42.66 2.12 -5.82	44.84 2.05 -6.16	55.89 2.52 -14.11	58.49 2.82 -16.49	59.11 3.03 -15.66	67.69 3.00 -23.59	67.62 3.65 -19.43	67.31 3.88 -16.08	63.54 3.60 -11.31	59.23 3.54 -9.13	49.51 2.78 -1.91	44.27 2.54 -2.04	41.24 2.32 -0.25	38.07 2.22 -0.01
WADING RIVER_IC_3 23601	41.56 2.75 -0.01	34.98 2.32 -0.01	31.92 2.00 -0.01	30.55 1.84 -0.01	30.16 1.84 -0.01	31.09 1.90 -0.01	35.56 1.33 0.00	35.81 1.70 0.00	38.15 2.06 -0.01	39.47 2.15 -0.83	42.66 2.12 -5.82	44.84 2.05 -6.16	55.89 2.52 -14.11	58.49 2.82 -16.49	59.11 3.03 -15.66	67.69 3.00 -23.59	67.62 3.65 -19.43	67.31 3.88 -16.08	63.54 3.60 -11.31	59.23 3.54 -9.13	49.51 2.78 -1.91	44.27 2.54 -2.04	41.24 2.32 -0.25	38.07 2.22 -0.01
WALDENNY_12_KV_BK2 80841	36.43 -2.37 0.00	30.40 -2.25 0.00	27.99 -1.91 0.00	26.72 -1.98 0.00	26.45 -1.87 0.00	27.50 -1.69 0.00	31.22 -3.01 0.00	31.00 -3.10 0.00	32.73 -3.36 0.00	32.87 -3.61 0.00	31.15 -3.54 0.02	32.87 -3.74 0.02	35.04 -4.20 0.02	34.92 -4.23 0.02	36.07 -4.32 0.02	36.27 -4.69 0.15	35.58 -5.21 3.75	38.56 -5.54 3.25	43.07 -5.54 0.02	41.67 -4.89 0.00	40.56 -4.26 0.00	36.20 -3.49 0.00	35.23 -3.44 0.00	33.26 -2.58 0.00
WALDEN___HYDRO 24148	40.81 2.02 0.00	34.39 1.73 0.00	31.40 1.50 0.00	30.11 1.41 0.00	29.67 1.36 0.00	30.59 1.40 0.00	35.60 1.37 0.00	35.44 1.33 0.00	37.60 1.52 0.00	38.09 1.61 0.00	36.50 1.70 -0.08	38.67 1.90 -0.13	41.61 2.28 -0.07	41.07 2.31 0.41	42.52 2.47 0.36	43.34 2.55 0.31	46.98 2.89 0.45	50.32 3.03 0.06	51.51 2.87 0.00	49.12 2.56 0.00	47.15 2.33 0.00	41.63 1.94 0.00	40.45 1.78 0.00	37.38 1.54 0.00
WARRENSBURG____ 23737	41.63 2.83 0.00	35.04 2.38 0.00	32.03 2.12 0.00	30.74 2.04 0.00	30.27 1.95 0.00	31.23 2.04 0.00	36.32 2.09 0.00	36.15 2.05 0.00	38.22 2.13 0.00	38.67 2.19 0.00	36.42 1.81 0.10	38.44 1.98 0.17	41.25 2.08 0.09	41.43 2.08 -0.18	41.86 1.29 -0.15	42.47 1.23 -0.13	45.98 1.25 -0.19	53.19 1.89 -3.95	54.18 1.99 -3.55	51.56 1.91 -3.09	46.66 1.84 0.00	41.36 1.67 0.00	41.15 2.48 0.00	37.99 2.15 0.00
WATERSIDE___6 8 9 23538	41.70 2.91 0.00	35.17 2.51 0.00	32.06 2.15 0.00	30.68 1.98 0.00	30.18 1.87 0.00	31.03 1.84 0.00	36.08 1.85 0.00	35.98 1.88 0.00	38.36 2.27 0.00	38.97 2.48 0.00	37.54 2.71 -0.11	39.83 3.00 -0.19	42.78 3.42 -0.10	43.69 3.49 -1.03	45.00 3.68 -0.91	45.68 3.78 -0.79	49.89 4.23 -1.12	51.73 4.31 -0.07	52.53 3.89 0.00	50.01 3.45 0.00	47.95 3.14 0.00	42.51 2.82 0.00	41.07 2.40 0.00	38.06 2.22 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.10 0.31 0.00	32.95 0.29 0.00	30.18 0.27 0.00	28.99 0.29 0.00	28.60 0.28 0.00	29.48 0.29 0.00	34.50 0.27 0.00	34.38 0.27 0.00	36.38 0.29 0.00	36.81 0.33 0.00	35.00 0.28 0.00	36.96 0.33 0.00	39.58 0.31 0.00	39.53 0.35 0.00	40.74 0.32 0.00	41.44 0.33 0.00	44.89 0.36 0.00	47.73 0.38 0.00	49.08 0.44 0.00	46.94 0.37 0.00	45.18 0.36 0.00	40.01 0.32 0.00	38.95 0.27 0.00	36.09 0.25 0.00

WDELAWARE___HYD 323627	41.00 2.21 0.00	34.48 1.83 0.00	31.52 1.61 0.00	30.22 1.52 0.00	29.81 1.50 0.00	30.71 1.52 0.00	35.81 1.58 0.00	35.54 1.43 0.00	37.71 1.63 0.00	38.20 1.72 0.00	36.58 1.80 -0.06	38.71 1.98 -0.10	41.63 2.32 -0.06	41.20 2.39 0.37	42.64 2.55 0.32	43.42 2.59 0.28	47.17 3.03 0.40	50.52 3.22 0.05	51.70 3.07 0.00	49.40 2.84 0.00	47.46 2.64 0.00	41.87 2.18 0.00	40.72 2.05 0.00	37.63 1.79 0.00
WEST BABYLON___IC 23714	42.49 3.69 -0.01	35.80 3.14 -0.01	32.64 2.72 -0.01	31.26 2.55 -0.01	30.84 2.52 -0.01	31.80 2.60 -0.01	36.52 2.29 0.00	36.77 2.66 0.00	39.09 3.00 -0.01	40.47 3.06 -0.92	44.05 2.92 -6.42	46.41 3.00 -6.78	58.25 3.42 -15.57	60.69 3.41 -18.10	61.33 3.72 -17.19	70.93 3.86 -25.96	70.40 4.50 -21.36	69.90 4.78 -17.77	65.69 4.57 -12.48	60.98 4.33 -10.09	50.78 3.85 -2.11	45.35 3.41 -2.25	42.20 3.25 -0.27	38.86 3.01 -0.01
WEST CANADA___HYD 24049	39.03 0.23 0.00	32.85 0.20 0.00	30.09 0.18 0.00	28.87 0.17 0.00	28.46 0.14 0.00	29.37 0.18 0.00	34.33 0.10 0.00	34.21 0.10 0.00	36.20 0.11 0.00	36.60 0.11 0.00	34.82 0.10 0.00	36.74 0.11 0.00	39.42 0.16 0.00	39.33 0.16 0.00	40.58 0.16 0.00	41.27 0.17 0.00	44.72 0.18 0.00	47.54 0.19 0.00	48.83 0.20 0.00	46.75 0.19 0.00	44.95 0.13 0.00	39.81 0.12 0.00	38.79 0.12 0.00	35.91 0.07 0.00
WESTERN_NY_WIND 24143	37.24 -1.55 0.00	31.19 -1.47 0.00	28.68 -1.23 0.00	27.32 -1.38 0.00	26.98 -1.33 0.00	28.11 -1.08 0.00	31.94 -2.29 0.00	31.72 -2.39 0.00	33.53 -2.56 0.00	33.71 -2.77 0.00	31.92 -2.78 0.02	33.69 -2.93 0.02	35.79 -3.46 0.02	35.48 -3.68 0.02	36.68 -3.72 0.02	36.24 -4.32 0.55	36.62 -4.77 3.15	37.49 -4.97 4.89	44.05 -4.57 0.02	42.84 -3.73 0.00	41.68 -3.14 0.00	37.15 -2.54 0.00	36.12 -2.55 0.00	34.04 -1.79 0.00
WESTOVER___LESR 323668	38.52 -0.27 0.00	32.33 -0.33 0.00	29.64 -0.27 0.00	28.38 -0.32 0.00	28.00 -0.31 0.00	28.93 -0.26 0.00	33.65 -0.58 0.00	33.49 -0.61 0.00	35.40 -0.69 0.00	35.76 -0.73 0.00	34.01 -0.69 0.01	35.89 -0.73 0.01	38.43 -0.82 0.01	38.38 -0.78 0.01	39.56 -0.85 0.01	40.29 -0.78 0.04	42.87 -0.89 0.77	45.34 -0.95 1.06	47.70 -0.92 0.01	45.68 -0.88 0.00	44.06 -0.76 0.00	39.01 -0.67 0.00	37.98 -0.70 0.00	35.26 -0.57 0.00
WETHRSFD_WT_PWR 323626	36.74 -2.06 0.00	30.73 -1.93 0.00	28.23 -1.67 0.00	27.01 -1.69 0.00	26.73 -1.59 0.00	27.70 -1.49 0.00	31.70 -2.53 0.00	31.51 -2.59 0.00	33.31 -2.78 0.00	33.53 -2.95 0.00	31.56 -3.12 0.03	33.23 -3.37 0.03	35.46 -3.77 0.03	35.31 -3.84 0.03	36.38 -4.00 0.03	36.91 -4.07 0.13	30.93 -4.68 8.94	38.32 -4.83 4.20	43.99 -4.62 0.03	42.47 -4.10 0.00	41.46 -3.36 0.00	36.67 -3.02 0.00	35.70 -2.98 0.00	33.54 -2.29 0.00
WHAVSTOR_138KV_BK127 55557	40.97 2.17 0.00	34.52 1.86 0.00	31.49 1.59 0.00	30.19 1.49 0.00	29.76 1.44 0.00	30.68 1.49 0.00	35.67 1.44 0.00	35.57 1.47 0.00	37.75 1.66 0.00	38.27 1.79 0.00	36.76 1.94 -0.10	38.96 2.16 -0.17	41.87 2.51 -0.09	40.21 2.59 1.55	41.80 2.75 1.36	42.76 2.84 1.18	46.06 3.21 1.68	50.55 3.36 0.16	51.80 3.16 0.00	49.40 2.84 0.00	47.33 2.51 0.00	41.83 2.14 0.00	40.57 1.90 0.00	37.45 1.61 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.97 2.17 0.00	34.52 1.86 0.00	31.49 1.59 0.00	30.19 1.49 0.00	29.76 1.44 0.00	30.68 1.49 0.00	35.67 1.44 0.00	35.57 1.47 0.00	37.75 1.66 0.00	38.27 1.79 0.00	36.76 1.94 -0.10	38.96 2.16 -0.17	41.87 2.51 -0.09	40.21 2.59 1.55	41.80 2.75 1.36	42.76 2.84 1.18	46.06 3.21 1.68	50.55 3.36 0.16	51.80 3.16 0.00	49.40 2.84 0.00	47.33 2.51 0.00	41.83 2.14 0.00	40.57 1.90 0.00	37.45 1.61 0.00
WHITEHAL_115KV_TB1 80871	42.29 3.49 0.00	35.56 2.91 0.00	32.51 2.60 0.00	31.20 2.50 0.00	30.69 2.38 0.00	31.70 2.51 0.00	36.83 2.60 0.00	36.63 2.52 0.00	38.69 2.60 0.00	39.15 2.66 0.00	36.91 2.29 0.10	38.99 2.53 0.17	41.80 2.63 0.09	41.94 2.59 -0.18	42.51 1.94 -0.16	43.17 1.93 -0.14	46.74 2.00 -0.19	54.52 2.79 -4.38	55.54 2.97 -3.93	52.83 2.84 -3.42	47.55 2.73 0.00	42.11 2.42 0.00	41.77 3.09 0.00	38.49 2.65 0.00
WHITEPLN_13_KV_LOAD 356215	41.66 2.87 0.00	35.07 2.42 0.00	32.00 2.09 0.00	30.65 1.95 0.00	30.21 1.90 0.00	31.15 1.96 0.00	36.22 1.99 0.00	36.09 1.98 0.00	38.40 2.31 0.00	38.93 2.44 0.00	37.43 2.60 -0.11	39.72 2.89 -0.19	42.70 3.34 -0.10	43.69 3.45 -1.07	45.07 3.72 -0.94	45.79 3.86 -0.82	50.07 4.36 -1.16	52.06 4.64 -0.08	53.06 4.43 0.00	50.57 4.00 0.00	48.22 3.41 0.00	42.55 2.86 0.00	41.27 2.59 0.00	38.09 2.26 0.00
WM_FLOYD_69_KV_BK2 356380	42.02 3.22 -0.01	35.38 2.71 -0.01	32.22 2.30 -0.01	30.86 2.15 -0.01	30.48 2.15 -0.01	31.42 2.22 -0.01	35.94 1.71 0.00	36.26 2.15 0.00	38.55 2.45 -0.01	39.87 2.55 -0.83	42.98 2.43 -5.83	45.22 2.42 -6.17	56.27 2.87 -14.14	58.64 2.94 -16.52	59.34 3.23 -15.69	68.20 3.45 -23.64	68.10 4.10 -19.47	67.82 4.36 -16.11	64.15 4.18 -11.33	59.67 3.96 -9.15	50.14 3.41 -1.92	44.67 2.94 -2.04	41.63 2.71 -0.25	38.46 2.62 -0.01
WOODARD___115KV_TB2 355635	38.21 -0.58 0.00	32.07 -0.59 0.00	29.37 -0.54 0.00	28.15 -0.55 0.00	27.78 -0.54 0.00	28.66 -0.53 0.00	33.48 -0.75 0.00	33.32 -0.78 0.00	35.26 -0.83 0.00	35.65 -0.84 0.00	33.92 -0.80 0.00	35.79 -0.84 0.00	38.24 -1.02 0.00	38.12 -1.06 0.00	39.32 -1.09 0.00	39.96 -1.15 0.00	43.20 -1.34 0.00	45.93 -1.42 0.00	47.33 -1.31 0.00	45.40 -1.16 0.00	43.65 -1.17 0.00	38.70 -0.99 0.00	37.67 -1.01 0.00	35.01 -0.82 0.00
WOODMERE_69_KV_BK1 55827	42.26 3.45 -0.01	35.64 2.97 -0.01	32.52 2.60 -0.01	31.18 2.47 -0.01	30.74 2.41 -0.01	31.69 2.48 -0.01	36.52 2.29 0.00	36.70 2.59 0.00	38.99 2.89 -0.01	40.68 2.85 -1.35	46.93 2.85 -9.36	49.53 3.04 -9.85	65.63 3.57 -22.80	68.94 3.68 -26.08	69.10 3.88 -24.80	82.82 3.99 -37.72	80.10 4.50 -31.07	78.32 4.73 -26.24	71.53 4.57 -18.31	65.55 4.19 -14.80	51.63 3.72 -3.10	46.17 3.18 -3.31	42.05 2.98 -0.40	38.61 2.76 -0.01
YORK___WARBASSE 23770	41.86 3.06 0.00	35.34 2.68 0.00	32.18 2.27 0.00	30.77 2.07 0.00	30.27 1.95 0.00	31.09 1.90 0.00	36.15 1.92 0.00	36.02 1.91 0.00	38.40 2.31 0.00	39.00 2.52 0.00	37.61 2.78 -0.11	39.90 3.08 -0.19	42.82 3.46 -0.10	43.81 3.60 -1.03	45.16 3.84 -0.91	45.80 3.91 -0.79	50.07 4.41 -1.12	51.92 4.50 -0.07	52.68 4.04 0.00	50.15 3.59 0.00	48.09 3.27 0.00	42.63 2.94 0.00	41.15 2.48 0.00	38.20 2.37 0.00