

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses															--- Marginal Cost of Congestion															03/17/2025		
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	36.08	33.32	32.12	30.90	31.15	35.51	44.29	57.95	54.59	50.75	48.98	46.86	44.62	43.00	40.36	41.72	42.65	52.06	59.08	67.97	59.25	49.13	43.34	39.03																								
		1.22	1.10	1.09	0.99	0.91	1.20	2.11	2.81	2.84	3.01	2.99	3.11	2.96	2.89	2.71	2.88	3.01	3.42	3.24	3.66	3.14	2.65	2.06	1.43																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00																								
74TH STREET_GT_1	24260	36.19	33.39	32.15	30.96	31.21	35.55	44.38	58.01	54.64	50.75	49.03	46.86	44.62	43.00	40.32	41.72	42.65	52.07	59.08	68.03	59.31	49.23	43.42	39.11																								
		1.32	1.16	1.12	1.05	0.97	1.24	2.19	2.87	2.90	3.01	3.04	3.11	2.96	2.89	2.67	2.88	3.01	3.43	3.24	3.73	3.20	2.74	2.15	1.50																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00																								
74TH STREET_GT_2	24261	36.19	33.39	32.15	30.96	31.21	35.55	44.38	58.01	54.64	50.75	49.03	46.86	44.62	43.00	40.32	41.72	42.65	52.07	59.08	68.03	59.31	49.23	43.42	39.11																								
		1.32	1.16	1.12	1.05	0.97	1.24	2.19	2.87	2.90	3.01	3.04	3.11	2.96	2.89	2.67	2.88	3.01	3.43	3.24	3.73	3.20	2.74	2.15	1.50																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00																								
ADK HUDSON___FALLS	24011	36.19	33.49	32.15	30.96	31.33	35.62	43.32	57.07	53.66	49.32	47.47	45.20	42.82	41.20	38.81	40.01	40.79	50.35	57.74	66.94	58.07	47.97	42.56	38.39																								
		1.32	1.26	1.12	1.05	1.09	1.30	1.14	1.93	1.91	1.58	1.47	1.44	1.17	1.08	1.17	1.17	1.15	1.69	1.90	2.64	1.96	1.49	1.28	0.79																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00																								
ADK RESOURCE___RCVRY	23798	36.29	33.58	32.24	31.05	31.39	35.75	43.41	57.24	53.82	49.46	47.56	45.29	42.87	41.20	38.85	40.13	40.82	50.45	57.91	67.20	58.30	48.16	42.68	38.47																								
		1.43	1.35	1.21	1.14	1.15	1.44	1.22	2.09	2.07	1.72	1.56	1.53	1.21	1.08	1.20	1.28	1.19	1.79	2.07	2.90	2.19	1.67	1.40	0.87																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00																								
ADK S GLENS___FALLS	24028	36.19	33.49	32.15	30.96	31.33	35.62	43.32	57.07	53.66	49.32	47.47	45.20	42.82	41.20	38.81	40.01	40.79	50.35	57.74	66.94	58.07	47.97	42.56	38.39																								
		1.32	1.26	1.12	1.05	1.09	1.30	1.14	1.93	1.91	1.58	1.47	1.44	1.17	1.08	1.17	1.17	1.15	1.69	1.90	2.64	1.96	1.49	1.28	0.79																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00																								
ADK_NYS___DAM	23527	35.84	33.16	31.84	30.66	31.03	35.20	43.32	56.85	53.35	49.32	47.70	45.64	43.45	42.00	39.41	40.68	41.58	51.10	57.91	66.42	57.96	47.97	42.56	38.39																								
		0.97	0.94	0.81	0.75	0.79	0.89	1.14	1.71	1.61	1.57	1.70	1.88	1.79	1.89	1.77	1.83	1.94	2.43	2.07	2.12	1.85	1.49	1.28	0.79																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	0.99	0.00	0.00	0.00	0.00	0.00	0.00																								
AIR_PRODUCTS___DRP	24190	35.11	32.42	31.25	30.15	30.46	34.45	42.35	55.53	52.21	48.22	46.55	44.41	42.24	40.72	38.25	39.47	40.27	49.52	56.46	64.95	56.62	46.95	41.57	37.64																								
		0.24	0.19	0.22	0.24	0.21	0.14	0.17	0.39	0.47	0.48	0.55	0.66	0.58	0.60	0.60	0.62	0.63	0.84	0.61	0.64	0.50	0.46	0.29	0.04																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	0.99	0.00	0.00	0.00	0.00	0.00	0.00																								
AKWESSNE_115KV_BK	355683	35.00	32.39	31.22	30.15	30.52	34.59	42.56	55.80	52.26	48.22	46.45	44.11	42.08	40.46	37.99	39.10	39.80	49.57	56.34	64.82	56.73	47.04	41.86	38.24																								
		0.14	0.16	0.19	0.24	0.27	0.27	0.38	0.66	0.52	0.48	0.46	0.35	0.42	0.32	0.34	0.23	0.16	0.20	0.50	0.51	0.62	0.56	0.58	0.64																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00																								
ALBANY_1_SOLAR	323833	35.60	32.91	31.69	30.54	30.85	35.00	43.07	56.46	52.99	48.79	46.87	44.68	42.41	40.84	38.36	39.62	40.47	49.96	57.18	65.97	57.51	47.65	42.27	38.31																								
		0.73	0.68	0.65	0.63	0.60	0.69	0.89	1.32	1.24	1.05	0.87	0.92	0.75	0.72	0.71	0.78	0.83	1.29	1.34	1.67	1.40	1.16	0.99	0.71																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	0.99	0.00	0.00	0.00	0.00	0.00	0.00																								
ALBANY_2_SOLAR	323834	35.60	32.91	31.69	30.54	30.85	35.00	43.07	56.46	52.99	48.79	46.87	44.63	42.36	40.84	38.36	39.62	40.47	49.96	57.18	65.97	57.51	47.65	42.23	38.31																								
		0.73	0.68	0.65	0.63	0.60	0.69	0.89	1.32	1.24	1.05	0.87	0.87	0.71	0.72	0.71	0.78	0.83	1.29	1.34	1.67	1.40	1.16	0.95	0.71																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	0.99	0.00	0.00	0.00	0.00	0.00	0.00																								
ALBANY___1	23571	35.11	32.42	31.25	30.15	30.46	34.45	42.35	55.53	52.21	48.22	46.55	44.41	42.24	40.72	38.25	39.47	40.27	49.52	56.46	64.95	56.62	46.95	41.57	37.64																								
		0.24	0.19	0.22	0.24	0.21	0.14	0.17	0.39	0.47	0.48	0.55	0.66	0.58	0.60	0.60	0.62	0.63	0.84	0.61	0.64	0.50	0.46	0.29	0.04																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	0.99	0.00	0.00	0.00	0.00	0.00	0.00																								

ALBANY___2 23572	35.11 0.24 0.00	32.42 0.19 0.00	31.25 0.22 0.00	30.15 0.24 0.00	30.46 0.21 0.00	34.45 0.14 0.00	42.35 0.17 0.00	55.53 0.39 0.00	52.21 0.47 0.00	48.22 0.48 0.00	46.55 0.55 0.00	44.41 0.66 0.00	42.24 0.58 0.00	40.72 0.60 0.03	38.25 0.60 0.01	39.47 0.62 0.03	40.27 0.63 0.00	49.52 0.84 0.99	56.46 0.61 0.00	64.95 0.64 0.00	56.62 0.50 0.00	46.95 0.46 0.00	41.57 0.29 0.00	37.64 0.04 0.00
ALBANY___3 23573	35.11 0.24 0.00	32.42 0.19 0.00	31.25 0.22 0.00	30.15 0.24 0.00	30.46 0.21 0.00	34.45 0.14 0.00	42.35 0.17 0.00	55.53 0.39 0.00	52.21 0.47 0.00	48.22 0.48 0.00	46.55 0.55 0.00	44.41 0.66 0.00	42.24 0.58 0.00	40.72 0.60 0.03	38.25 0.60 0.01	39.47 0.62 0.03	40.27 0.63 0.00	49.52 0.84 0.99	56.46 0.61 0.00	64.95 0.64 0.00	56.62 0.50 0.00	46.95 0.46 0.00	41.57 0.29 0.00	37.64 0.04 0.00
ALBANY___4 23574	35.11 0.24 0.00	32.42 0.19 0.00	31.25 0.22 0.00	30.15 0.24 0.00	30.46 0.21 0.00	34.45 0.14 0.00	42.35 0.17 0.00	55.53 0.39 0.00	52.21 0.47 0.00	48.22 0.48 0.00	46.55 0.55 0.00	44.41 0.66 0.00	42.24 0.58 0.00	40.72 0.60 0.03	38.25 0.60 0.01	39.47 0.62 0.03	40.27 0.63 0.00	49.52 0.84 0.99	56.46 0.61 0.00	64.95 0.64 0.00	56.62 0.50 0.00	46.95 0.46 0.00	41.57 0.29 0.00	37.64 0.04 0.00
ALBANY___LFGE 323615	35.31 0.45 0.00	32.62 0.39 0.00	31.44 0.40 0.00	30.33 0.42 0.00	30.64 0.39 0.00	34.69 0.38 0.00	42.65 0.46 0.00	55.97 0.83 0.00	52.63 0.88 0.00	48.65 0.90 0.00	46.91 0.92 0.00	44.76 1.01 0.00	42.53 0.88 0.00	41.00 0.88 0.03	38.51 0.87 0.01	39.78 0.93 0.03	40.55 0.91 0.00	49.91 1.24 0.99	56.90 1.06 0.00	65.52 1.22 0.00	57.06 0.95 0.00	47.32 0.84 0.00	41.90 0.62 0.00	37.94 0.34 0.00
ALCOA_PA_115KV_PL-6C 55860	35.11 0.24 0.00	32.49 0.26 0.00	31.31 0.28 0.00	30.24 0.33 0.00	30.61 0.36 0.00	34.72 0.41 0.00	42.73 0.55 0.00	56.08 0.94 0.00	52.47 0.72 0.00	48.41 0.67 0.00	46.64 0.64 0.00	44.24 0.48 0.00	42.20 0.54 0.00	40.58 0.44 0.01	38.06 0.41 0.00	39.22 0.35 0.01	39.88 0.24 0.00	49.64 0.30 0.32	56.57 0.73 0.00	65.07 0.77 0.00	56.95 0.84 0.00	47.23 0.74 0.00	42.02 0.74 0.00	38.39 0.79 0.00
ALCOA_RYNLDS___DRP 24188	35.11 0.24 0.00	32.49 0.26 0.00	31.31 0.28 0.00	30.24 0.33 0.00	30.61 0.36 0.00	34.72 0.41 0.00	42.73 0.55 0.00	56.08 0.94 0.00	52.47 0.72 0.00	48.41 0.67 0.00	46.64 0.64 0.00	44.24 0.48 0.00	42.20 0.54 0.00	40.58 0.44 0.01	38.06 0.41 0.00	39.22 0.35 0.01	39.88 0.24 0.00	49.64 0.30 0.32	56.57 0.73 0.00	65.07 0.77 0.00	56.95 0.84 0.00	47.23 0.74 0.00	42.02 0.74 0.00	38.39 0.79 0.00
ALCOA___DSASP 323711	35.11 0.25 0.00	32.48 0.26 0.00	31.31 0.28 0.00	30.24 0.33 0.00	30.61 0.36 0.00	34.73 0.41 0.00	42.73 0.55 0.00	56.08 0.94 0.00	52.47 0.72 0.00	48.41 0.67 0.00	46.64 0.64 0.00	44.24 0.48 0.00	42.20 0.54 0.00	40.58 0.44 0.01	38.10 0.45 0.00	39.22 0.35 0.01	39.88 0.24 0.00	49.64 0.30 0.32	56.57 0.72 0.00	65.08 0.77 0.00	56.95 0.84 0.00	47.23 0.74 0.00	42.02 0.74 0.00	38.39 0.79 0.00
ALLEGHENY___COGEN 23514	35.18 0.31 0.00	32.55 0.32 0.00	31.25 0.22 0.00	30.10 0.18 0.00	30.55 0.30 0.00	34.73 0.41 0.00	43.16 0.97 0.00	55.31 0.17 0.00	50.92 -0.83 0.00	45.88 -1.86 0.00	43.55 -2.44 0.00	41.00 -2.76 0.01	38.90 -2.75 0.01	37.30 -2.77 0.08	35.04 -2.60 0.02	36.23 -2.57 0.08	37.17 -2.46 0.01	43.69 -2.58 3.39	54.89 -0.95 0.00	64.30 0.00 0.00	56.11 0.00 0.00	46.25 -0.23 0.00	41.24 -0.04 0.00	37.94 0.34 0.00
ALTAMONT_115KV_TB 2 55880	35.35 0.49 0.00	32.68 0.45 0.00	31.44 0.40 0.00	30.30 0.39 0.00	30.61 0.36 0.00	34.72 0.41 0.00	42.77 0.59 0.00	56.02 0.88 0.00	52.63 0.88 0.00	48.60 0.86 0.00	46.82 0.83 0.00	44.68 0.92 0.00	42.49 0.83 0.00	40.96 0.84 0.03	38.47 0.83 0.01	39.70 0.86 0.03	40.55 0.91 0.00	49.87 1.19 0.98	56.90 1.06 0.00	65.52 1.22 0.00	57.12 1.01 0.00	47.32 0.84 0.00	41.94 0.66 0.00	38.02 0.41 0.00
ALTONA_WT_PWR 323606	34.37 -0.49 0.00	32.04 -0.19 0.00	31.03 0.00 0.00	30.18 0.27 0.00	30.79 0.54 0.00	35.03 0.72 0.00	43.20 1.01 0.00	56.57 1.43 0.00	52.78 1.03 0.00	48.60 0.86 0.00	46.87 0.87 0.00	44.42 0.66 0.00	42.49 0.83 0.00	40.78 0.64 0.01	38.25 0.60 0.00	39.30 0.43 0.01	39.95 0.32 0.00	49.32 -0.05 0.30	56.57 0.72 0.00	64.30 0.00 0.00	57.29 1.18 0.00	47.56 1.07 0.00	43.01 1.73 0.00	39.37 1.77 0.00
AMERICAN_REF_FUEL 24010	32.77 -2.09 0.00	30.26 -1.97 0.00	29.14 -1.89 0.00	28.15 -1.76 0.00	28.58 -1.66 0.00	32.43 -1.89 0.00	40.20 -1.98 0.00	50.62 -4.52 0.00	47.35 -4.40 0.00	43.31 -4.44 0.00	41.44 -4.55 0.00	39.02 -4.73 0.01	37.23 -4.42 0.01	35.65 -4.42 0.08	33.60 -4.03 0.02	34.56 -4.24 0.08	35.31 -4.32 0.01	40.65 -5.81 3.20	50.26 -5.58 0.00	57.94 -6.37 0.00	50.27 -5.84 0.00	41.65 -4.84 0.00	37.60 -3.67 0.00	35.12 -2.48 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.30 -0.56 0.00	31.75 -0.48 0.00	30.72 -0.31 0.00	29.74 -0.18 0.00	30.25 0.00 0.00	34.42 0.10 0.00	43.11 0.93 0.00	54.37 -0.77 0.00	50.82 -0.93 0.00	46.26 -1.48 0.00	44.29 -1.70 0.00	41.65 -2.10 0.01	39.74 -1.92 0.01	37.30 -2.77 0.08	35.45 -2.18 0.02	36.04 -2.76 0.08	37.45 -2.18 0.01	42.67 -3.78 3.21	54.00 -1.84 0.00	62.76 -1.54 0.00	54.31 -1.80 0.00	44.90 -1.58 0.00	40.29 -0.99 0.00	37.64 0.04 0.00
ARTHUR KILL_GT_1 23520	48.49 1.60 -12.02	33.59 1.35 -0.01	32.38 1.33 -0.01	31.18 1.26 -0.01	31.43 1.18 -0.01	35.73 1.41 -0.01	48.51 2.19 -4.13	57.79 2.65 0.00	54.27 2.53 0.01	52.19 2.86 -1.59	51.66 2.76 -2.91	51.63 2.84 -5.03	52.27 2.71 -7.90	52.31 2.69 -9.47	52.26 2.48 -12.13	52.31 2.68 -10.75	52.81 2.86 -10.32	52.84 3.48 0.30	85.79 2.96 -26.99	85.80 3.41 -18.09	85.86 2.92 -26.83	52.88 2.88 -3.51	52.31 4.33 -6.70	50.16 1.62 -10.94
ARTHUR_KILL_2 23512	48.38 1.50 -12.02	33.49 1.26 -0.01	32.28 1.24 -0.01	31.09 1.17 -0.01	31.34 1.09 -0.01	35.66 1.34 -0.01	48.38 2.07 -4.13	57.68 2.54 0.00	54.12 2.38 0.01	52.05 2.72 -1.59	51.57 2.67 -2.91	51.55 2.76 -5.03	52.19 2.63 -7.90	52.19 2.57 -9.47	52.19 2.41 -12.13	52.19 2.57 -10.75	52.69 2.73 -10.32	52.69 3.33 0.30	85.62 2.79 -26.99	85.61 3.21 -18.09	85.69 2.75 -26.83	52.69 2.70 -3.51	52.19 4.21 -6.70	50.05 1.51 -10.94
ARTHUR_KILL_3 23513	47.82 0.94 -12.01	33.00 0.77 0.00	31.81 0.78 0.00	30.63 0.72 0.00	30.88 0.64 0.00	35.17 0.86 0.00	48.08 1.77 -4.12	57.35 2.21 0.00	54.02 2.27 0.00	51.80 2.48 -1.58	51.42 2.53 -2.90	51.42 2.63 -5.04	52.03 2.46 -7.91	52.08 2.45 -9.48	52.05 2.26 -12.14	52.04 2.41 -10.75	52.50 2.54 -10.33	52.25 2.88 0.29	85.41 2.57 -27.00	85.36 2.96 -18.10	85.41 2.47 -26.84	52.22 2.23 -3.50	49.45 1.48 -6.69	49.63 1.09 -10.93

ARTHUR_KILL_COGEN 323718	48.49 1.60 -12.02	33.59 1.35 -0.01	32.38 1.33 -0.01	31.18 1.26 -0.01	31.43 1.18 -0.01	35.73 1.41 -0.01	48.51 2.19 -4.13	57.79 2.65 0.00	54.27 2.53 0.01	52.19 2.86 -1.59	51.66 2.76 -2.91	51.63 2.84 -5.03	52.27 2.71 -7.90	52.31 2.69 -9.47	52.26 2.48 -12.13	52.31 2.68 -10.75	52.81 2.86 -10.32	52.84 3.48 0.30	85.79 2.96 -26.99	85.80 3.41 -18.09	85.86 2.92 -26.83	52.88 2.88 -3.51	52.31 4.33 -6.70	50.16 1.62 -10.94
ASHOKAN____ 23654	36.08 1.22 0.00	33.29 1.06 0.00	32.09 1.06 0.00	30.90 0.99 0.00	31.18 0.94 0.00	35.51 1.20 0.00	43.91 1.73 0.00	57.90 2.76 0.00	54.08 2.33 0.00	49.66 1.91 0.00	47.65 1.65 0.00	45.33 1.57 0.00	43.03 1.37 0.00	41.52 1.40 0.03	38.92 1.28 0.01	40.29 1.44 0.03	41.18 1.54 0.00	50.90 2.24 1.00	58.24 2.40 0.00	67.32 3.02 0.00	58.97 2.86 0.00	48.90 2.42 0.00	43.30 2.02 0.00	39.30 1.69 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.02 1.15 -0.01	33.13 0.90 0.00	32.16 1.12 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.26 0.96 0.01	44.08 1.90 0.01	57.50 2.37 0.01	54.22 2.48 0.01	50.46 2.72 0.01	48.75 2.76 0.01	46.64 2.89 0.01	44.36 2.71 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.48 2.64 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.57 2.74 0.01	67.38 3.09 0.01	58.74 2.64 0.01	48.94 2.46 0.01	43.50 2.23 0.01	38.84 1.24 0.00
ASTORIA_EAST_ENERGY_CC2 323582	36.02 1.15 -0.01	33.13 0.90 0.00	32.16 1.12 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.26 0.96 0.01	44.08 1.90 0.01	57.50 2.37 0.01	54.22 2.48 0.01	50.46 2.72 0.01	48.75 2.76 0.01	46.64 2.89 0.01	44.36 2.71 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.48 2.64 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.57 2.74 0.01	67.38 3.09 0.01	58.74 2.64 0.01	48.94 2.46 0.01	43.50 2.23 0.01	38.84 1.24 0.00
ASTORIA_GT2_1 24094	36.02 1.15 -0.01	33.20 0.97 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.31 1.00 0.00	44.12 1.94 0.01	57.57 2.43 0.00	54.28 2.54 0.00	50.51 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.40 2.75 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.58 2.74 0.00	67.39 3.09 0.00	58.80 2.69 0.00	48.99 2.51 0.01	43.13 1.86 0.01	38.84 1.24 0.00
ASTORIA_GT2_2 24095	36.02 1.15 -0.01	33.20 0.97 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.31 1.00 0.00	44.12 1.94 0.01	57.57 2.43 0.00	54.28 2.54 0.00	50.51 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.40 2.75 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.58 2.74 0.00	67.39 3.09 0.00	58.80 2.69 0.00	48.99 2.51 0.01	43.13 1.86 0.01	38.84 1.24 0.00
ASTORIA_GT2_3 24096	36.02 1.15 -0.01	33.20 0.97 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.31 1.00 0.00	44.12 1.94 0.01	57.57 2.43 0.00	54.28 2.54 0.00	50.51 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.40 2.75 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.58 2.74 0.00	67.39 3.09 0.00	58.80 2.69 0.00	48.99 2.51 0.01	43.13 1.86 0.01	38.84 1.24 0.00
ASTORIA_GT2_4 24097	36.02 1.15 -0.01	33.20 0.97 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.31 1.00 0.00	44.12 1.94 0.01	57.57 2.43 0.00	54.28 2.54 0.00	50.51 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.40 2.75 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.58 2.74 0.00	67.39 3.09 0.00	58.80 2.69 0.00	48.99 2.51 0.01	43.13 1.86 0.01	38.84 1.24 0.00
ASTORIA_GT3_1 24098	36.02 1.15 -0.01	33.20 0.97 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.31 1.00 0.00	44.12 1.94 0.01	57.57 2.43 0.00	54.28 2.54 0.00	50.51 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.40 2.75 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.58 2.74 0.00	67.39 3.09 0.00	58.80 2.69 0.00	48.99 2.51 0.01	43.13 1.86 0.01	38.84 1.24 0.00
ASTORIA_GT3_2 24099	36.02 1.15 -0.01	33.20 0.97 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.31 1.00 0.00	44.12 1.94 0.01	57.57 2.43 0.00	54.28 2.54 0.00	50.51 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.40 2.75 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.58 2.74 0.00	67.39 3.09 0.00	58.80 2.69 0.00	48.99 2.51 0.01	43.13 1.86 0.01	38.84 1.24 0.00
ASTORIA_GT3_3 24100	36.02 1.15 -0.01	33.20 0.97 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.31 1.00 0.00	44.12 1.94 0.01	57.57 2.43 0.00	54.28 2.54 0.00	50.51 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.40 2.75 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.58 2.74 0.00	67.39 3.09 0.00	58.80 2.69 0.00	48.99 2.51 0.01	43.13 1.86 0.01	38.84 1.24 0.00
ASTORIA_GT3_4 24101	36.02 1.15 -0.01	33.20 0.97 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.31 1.00 0.00	44.12 1.94 0.01	57.57 2.43 0.00	54.28 2.54 0.00	50.51 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.40 2.75 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.58 2.74 0.00	67.39 3.09 0.00	58.80 2.69 0.00	48.99 2.51 0.01	43.13 1.86 0.01	38.84 1.24 0.00
ASTORIA_GT4_1 24102	36.02 1.15 -0.01	33.20 0.97 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.31 1.00 0.00	44.12 1.94 0.01	57.57 2.43 0.00	54.28 2.54 0.00	50.51 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.40 2.75 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.58 2.74 0.00	67.39 3.09 0.00	58.80 2.69 0.00	48.99 2.51 0.01	43.13 1.86 0.01	38.84 1.24 0.00
ASTORIA_GT4_2 24103	36.02 1.15 -0.01	33.20 0.97 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.31 1.00 0.00	44.12 1.94 0.01	57.57 2.43 0.00	54.28 2.54 0.00	50.51 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.40 2.75 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.58 2.74 0.00	67.39 3.09 0.00	58.80 2.69 0.00	48.99 2.51 0.01	43.13 1.86 0.01	38.84 1.24 0.00
ASTORIA_GT4_3 24104	36.02 1.15 -0.01	33.20 0.97 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.31 1.00 0.00	44.12 1.94 0.01	57.57 2.43 0.00	54.28 2.54 0.00	50.51 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.40 2.75 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.58 2.74 0.00	67.39 3.09 0.00	58.80 2.69 0.00	48.99 2.51 0.01	43.13 1.86 0.01	38.84 1.24 0.00

ASTORIA_GT4_4 24105	36.02 1.15 -0.01	33.20 0.97 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.31 1.00 0.00	44.12 1.94 0.01	57.57 2.43 0.00	54.28 2.54 0.00	50.51 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.40 2.75 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.58 2.74 0.00	67.39 3.09 0.00	58.80 2.69 0.00	48.99 2.51 0.01	43.13 1.86 0.01	38.84 1.24 0.00
ASTORIA_GT_1 23523	36.09 1.22 -0.01	33.19 0.97 0.00	32.22 1.18 -0.01	31.00 1.08 -0.01	31.28 1.03 -0.01	35.33 1.03 0.01	44.16 1.98 0.01	57.67 2.54 0.01	54.33 2.59 0.01	50.60 2.86 0.01	48.89 2.90 0.01	46.73 2.98 0.01	44.44 2.79 0.01	42.87 2.77 0.04	40.20 2.56 0.02	41.60 2.76 0.04	42.52 2.89 0.01	51.81 3.18 1.03	58.68 2.85 0.01	67.51 3.21 0.01	58.91 2.80 0.01	49.08 2.60 0.01	43.58 2.31 0.01	38.92 1.32 0.00
ASTORIA_GT_10 24110	36.23 1.36 -0.01	33.39 1.16 0.00	32.19 1.15 -0.01	31.00 1.08 -0.01	31.25 1.00 -0.01	35.51 1.20 0.00	44.54 2.19 -0.16	57.84 2.70 0.00	54.49 2.74 0.00	50.97 2.96 -0.26	49.46 2.99 -0.48	50.22 3.06 -3.40	50.97 2.87 -6.44	50.22 2.85 -7.23	50.22 2.64 -9.93	50.26 2.84 -8.54	50.97 2.97 -8.36	56.83 3.33 -3.84	58.86 3.02 0.00	67.71 3.41 0.00	59.08 2.97 0.00	49.46 2.74 -0.23	44.46 2.11 -1.07	39.11 1.50 0.00
ASTORIA_GT_11 24225	36.23 1.36 -0.01	33.39 1.16 0.00	32.19 1.15 -0.01	31.00 1.08 -0.01	31.25 1.00 -0.01	35.51 1.20 0.00	44.54 2.19 -0.16	57.84 2.70 0.00	54.49 2.74 0.00	50.97 2.96 -0.26	49.46 2.99 -0.48	50.22 3.06 -3.40	50.97 2.87 -6.44	50.22 2.85 -7.23	50.22 2.64 -9.93	50.26 2.84 -8.54	50.97 2.97 -8.36	56.83 3.33 -3.84	58.86 3.02 0.00	67.71 3.41 0.00	59.08 2.97 0.00	49.46 2.74 -0.23	44.46 2.11 -1.07	39.11 1.50 0.00
ASTORIA_GT_12 24226	36.23 1.36 -0.01	33.39 1.16 0.00	32.19 1.15 -0.01	31.00 1.08 -0.01	31.25 1.00 -0.01	35.51 1.20 0.00	44.54 2.19 -0.16	57.84 2.70 0.00	54.49 2.74 0.00	50.97 2.96 -0.26	49.46 2.99 -0.48	50.22 3.06 -3.40	50.97 2.87 -6.44	50.22 2.85 -7.23	50.22 2.64 -9.93	50.26 2.84 -8.54	50.97 2.97 -8.36	56.83 3.33 -3.84	58.86 3.02 0.00	67.71 3.41 0.00	59.08 2.97 0.00	49.46 2.74 -0.23	44.46 2.11 -1.07	39.11 1.50 0.00
ASTORIA_GT_13 24227	36.23 1.36 -0.01	33.39 1.16 0.00	32.19 1.15 -0.01	31.00 1.08 -0.01	31.25 1.00 -0.01	35.51 1.20 0.00	44.54 2.19 -0.16	57.84 2.70 0.00	54.49 2.74 0.00	50.97 2.96 -0.26	49.46 2.99 -0.48	50.22 3.06 -3.40	50.97 2.87 -6.44	50.22 2.85 -7.23	50.22 2.64 -9.93	50.26 2.84 -8.54	50.97 2.97 -8.36	56.83 3.33 -3.84	58.86 3.02 0.00	67.71 3.41 0.00	59.08 2.97 0.00	49.46 2.74 -0.23	44.46 2.11 -1.07	39.11 1.50 0.00
ASTORIA_GT_5 24106	36.09 1.22 -0.01	33.23 1.00 0.00	32.22 1.18 -0.01	31.00 1.08 -0.01	31.28 1.03 -0.01	35.34 1.03 0.00	44.16 1.98 0.01	57.62 2.48 0.00	54.39 2.64 0.00	50.55 2.82 0.01	48.84 2.85 0.01	46.73 2.98 0.01	44.44 2.79 0.01	42.87 2.77 0.04	40.20 2.56 0.02	41.60 2.76 0.04	42.52 2.89 0.01	51.81 3.18 1.03	58.69 2.85 0.00	67.52 3.22 0.00	58.92 2.81 0.00	49.03 2.56 0.01	43.21 1.94 0.01	38.92 1.32 0.00
ASTORIA_GT_7 24107	36.09 1.22 -0.01	33.23 1.00 0.00	32.22 1.18 -0.01	31.00 1.08 -0.01	31.28 1.03 -0.01	35.34 1.03 0.00	44.16 1.98 0.01	57.62 2.48 0.00	54.39 2.64 0.00	50.55 2.82 0.01	48.84 2.85 0.01	46.73 2.98 0.01	44.44 2.79 0.01	42.87 2.77 0.04	40.20 2.56 0.02	41.60 2.76 0.04	42.52 2.89 0.01	51.81 3.18 1.03	58.69 2.85 0.00	67.52 3.22 0.00	58.92 2.81 0.00	49.03 2.56 0.01	43.21 1.94 0.01	38.92 1.32 0.00
ASTORIA_GT_8 24108	36.09 1.22 -0.01	33.23 1.00 0.00	32.22 1.18 -0.01	31.00 1.08 -0.01	31.28 1.03 -0.01	35.34 1.03 0.00	44.16 1.98 0.01	57.62 2.48 0.00	54.39 2.64 0.00	50.55 2.82 0.01	48.84 2.85 0.01	46.73 2.98 0.01	44.44 2.79 0.01	42.87 2.77 0.04	40.20 2.56 0.02	41.60 2.76 0.04	42.52 2.89 0.01	51.81 3.18 1.03	58.69 2.85 0.00	67.52 3.22 0.00	58.92 2.81 0.00	49.03 2.56 0.01	43.21 1.94 0.01	38.92 1.32 0.00
ASTORIA___2 24149	36.02 1.15 -0.01	33.13 0.90 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.30 1.00 0.01	44.12 1.94 0.01	57.56 2.42 0.01	54.27 2.53 0.01	50.50 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.40 2.75 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.62 2.79 0.01	67.38 3.09 0.01	58.80 2.69 0.01	48.99 2.51 0.01	43.50 2.23 0.01	38.84 1.24 0.00
ASTORIA___3 23516	36.23 1.36 -0.01	33.36 1.13 0.00	32.19 1.15 -0.01	31.00 1.08 -0.01	31.25 1.00 -0.01	35.51 1.20 0.00	44.54 2.19 -0.16	57.90 2.76 0.00	54.49 2.74 0.00	50.97 2.96 -0.26	49.46 2.99 -0.48	50.22 3.06 -3.40	50.97 2.87 -6.44	50.22 2.85 -7.23	50.22 2.63 -9.93	50.22 2.80 -8.54	50.97 2.97 -8.36	56.83 3.33 -3.84	58.91 3.07 0.00	67.71 3.41 0.00	59.08 2.97 0.00	49.46 2.74 -0.23	44.83 2.48 -1.07	39.11 1.51 0.00
ASTORIA___4 23517	36.23 1.36 -0.01	33.39 1.16 0.00	32.19 1.15 -0.01	31.00 1.08 -0.01	31.25 1.00 -0.01	35.51 1.20 0.00	44.54 2.19 -0.16	57.84 2.70 0.00	54.49 2.74 0.00	50.97 2.96 -0.26	49.46 2.99 -0.48	50.22 3.06 -3.40	50.97 2.87 -6.44	50.22 2.85 -7.23	50.22 2.64 -9.93	50.26 2.84 -8.54	50.97 2.97 -8.36	56.83 3.33 -3.84	58.86 3.02 0.00	67.71 3.41 0.00	59.08 2.97 0.00	49.46 2.74 -0.23	44.46 2.11 -1.07	39.11 1.50 0.00
ASTORIA___5 23518	36.23 1.36 -0.01	33.36 1.13 0.00	32.19 1.15 -0.01	31.00 1.08 -0.01	31.25 1.00 -0.01	35.51 1.20 0.00	44.54 2.19 -0.16	57.90 2.76 0.00	54.49 2.74 0.00	50.97 2.96 -0.26	49.46 2.99 -0.48	50.22 3.06 -3.40	50.97 2.87 -6.44	50.22 2.85 -7.23	50.22 2.63 -9.93	50.22 2.80 -8.54	50.97 2.97 -8.36	56.83 3.33 -3.84	58.85 3.01 0.00	67.71 3.41 0.00	59.08 2.97 0.00	49.46 2.74 -0.23	44.83 2.48 -1.07	39.11 1.51 0.00
AST_ENERGY_2_CC3 323677	36.05 1.19 0.00	33.23 1.00 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.09 0.85 0.00	35.41 1.10 0.00	44.17 1.98 0.00	57.68 2.54 0.00	54.28 2.53 0.00	50.46 2.72 0.00	48.75 2.76 0.00	46.60 2.84 0.00	44.33 2.67 0.00	42.76 2.65 0.03	40.09 2.45 0.01	41.49 2.64 0.03	42.41 2.77 0.00	51.77 3.13 1.02	58.74 2.90 0.00	67.58 3.28 0.00	58.92 2.80 0.00	48.99 2.51 0.00	43.22 1.94 0.00	38.95 1.35 0.00
AST_ENERGY_2_CC4 323678	36.05 1.19 0.00	33.23 1.00 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.09 0.85 0.00	35.41 1.10 0.00	44.17 1.98 0.00	57.68 2.54 0.00	54.28 2.53 0.00	50.46 2.72 0.00	48.75 2.76 0.00	46.60 2.84 0.00	44.33 2.67 0.00	42.76 2.65 0.03	40.09 2.45 0.01	41.49 2.64 0.03	42.41 2.77 0.00	51.77 3.13 1.02	58.74 2.90 0.00	67.58 3.28 0.00	58.92 2.80 0.00	48.99 2.51 0.00	43.22 1.94 0.00	38.95 1.35 0.00

ATHENS_STG_1 23668	35.45	32.78	31.53	30.39	30.67	34.86	43.07	56.41	52.99	49.03	47.33	45.16	42.95	41.40	38.85	40.13	41.02	50.28	57.29	65.91	57.51	47.69	42.23	38.17
	0.59	0.55	0.50	0.48	0.42	0.55	0.89	1.27	1.24	1.29	1.33	1.40	1.29	1.28	1.20	1.28	1.39	1.64	1.45	1.61	1.40	1.21	0.95	0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	35.45	32.78	31.53	30.39	30.67	34.86	43.07	56.41	52.99	49.03	47.33	45.16	42.95	41.40	38.85	40.13	41.02	50.28	57.29	65.91	57.51	47.69	42.23	38.17
	0.59	0.55	0.50	0.48	0.42	0.55	0.89	1.27	1.24	1.29	1.33	1.40	1.29	1.28	1.20	1.28	1.39	1.64	1.45	1.61	1.40	1.21	0.95	0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	35.45	32.78	31.53	30.39	30.67	34.86	43.07	56.41	52.99	49.03	47.33	45.16	42.95	41.40	38.85	40.13	41.02	50.28	57.29	65.91	57.51	47.69	42.23	38.17
	0.59	0.55	0.50	0.48	0.42	0.55	0.89	1.27	1.24	1.29	1.33	1.40	1.29	1.28	1.20	1.28	1.39	1.64	1.45	1.61	1.40	1.21	0.95	0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN___LFGE 323710	34.79	32.13	30.94	29.79	30.15	34.17	42.02	54.76	51.23	47.17	45.30	43.01	40.90	39.33	36.85	38.08	38.96	47.24	55.39	63.92	55.66	46.02	40.87	37.41
	-0.07	-0.10	-0.09	-0.12	-0.09	-0.14	-0.17	-0.39	-0.52	-0.57	-0.69	-0.74	-0.75	-0.76	-0.79	-0.74	-0.67	-0.79	-0.45	-0.39	-0.45	-0.46	-0.41	-0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.06	0.01	0.06	0.01	1.62	0.00	0.00	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	36.15	33.23	31.93	30.78	30.94	35.34	43.96	57.24	54.33	50.80	49.21	47.00	44.74	43.13	40.43	41.84	42.69	52.17	58.91	67.90	59.20	49.09	43.26	38.88
	1.29	1.00	0.90	0.87	0.70	1.03	1.77	2.09	2.59	3.06	3.22	3.24	3.08	3.01	2.79	2.99	3.05	3.53	3.07	3.60	3.08	2.60	1.98	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00
BABYLON__69_KV_BK2 356345	36.43	33.49	32.18	30.99	31.12	35.58	44.29	57.90	54.85	51.28	49.54	47.43	45.16	43.48	40.77	42.19	43.01	52.61	59.41	68.55	59.65	49.41	43.51	39.14
	1.57	1.26	1.15	1.08	0.88	1.27	2.11	2.76	3.10	3.53	3.54	3.68	3.50	3.37	3.13	3.34	3.37	3.97	3.57	4.24	3.53	2.93	2.23	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00
BALL_HILL_WT_PWR 323825	34.27	31.71	30.60	29.56	30.03	34.14	42.69	53.82	50.30	45.83	43.93	41.26	39.36	37.05	35.22	35.77	37.17	42.29	53.44	61.99	53.64	44.39	39.79	37.19
	-0.59	-0.52	-0.43	-0.36	-0.21	-0.17	0.51	-1.32	-1.45	-1.91	-2.07	-2.49	-2.29	-3.01	-2.41	-3.03	-2.46	-4.17	-2.40	-2.31	-2.47	-2.09	-1.48	-0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.08	0.02	0.08	0.01	3.19	0.00	0.00	0.00	0.00	0.00	0.00
BARON_WINDS___WT_PWR 323822	34.10	31.52	30.35	29.28	29.64	33.66	41.76	53.38	49.89	45.60	43.60	41.08	39.07	37.06	35.00	35.85	36.90	42.46	53.33	62.05	53.92	44.62	39.79	36.81
	-0.77	-0.71	-0.68	-0.63	-0.60	-0.65	-0.42	-1.77	-1.86	-2.15	-2.39	-2.67	-2.58	-3.01	-2.64	-2.96	-2.73	-3.82	-2.51	-2.25	-2.19	-1.86	-1.48	-0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.07	0.02	0.07	0.01	3.37	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_1 23704	36.08	33.19	31.93	30.75	30.94	35.34	44.00	57.07	54.08	50.51	48.98	46.87	44.66	43.00	40.36	41.72	42.57	51.82	58.52	67.45	58.80	48.95	43.22	38.88
	1.22	0.97	0.90	0.84	0.70	1.03	1.81	1.93	2.33	2.77	2.99	3.11	3.00	2.89	2.71	2.88	2.93	3.18	2.68	3.15	2.69	2.46	1.94	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_10 23701	36.08	33.19	31.93	30.75	30.94	35.34	44.00	57.07	54.08	50.51	48.98	46.87	44.66	43.00	40.36	41.72	42.57	51.82	58.52	67.45	58.80	48.95	43.22	38.88
	1.22	0.97	0.90	0.84	0.70	1.03	1.81	1.93	2.33	2.77	2.99	3.11	3.00	2.89	2.71	2.88	2.93	3.18	2.68	3.15	2.69	2.46	1.94	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_11 23702	36.08	33.19	31.93	30.75	30.94	35.34	44.00	57.07	54.08	50.51	48.98	46.87	44.66	43.00	40.36	41.72	42.57	51.82	58.52	67.45	58.80	48.95	43.22	38.88
	1.22	0.97	0.90	0.84	0.70	1.03	1.81	1.93	2.33	2.77	2.99	3.11	3.00	2.89	2.71	2.88	2.93	3.18	2.68	3.15	2.69	2.46	1.94	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_12 23703	36.08	33.19	31.93	30.75	30.94	35.34	44.00	57.07	54.08	50.51	48.98	46.87	44.66	43.00	40.36	41.72	42.57	51.82	58.52	67.45	58.80	48.95	43.22	38.88
	1.22	0.97	0.90	0.84	0.70	1.03	1.81	1.93	2.33	2.77	2.99	3.11	3.00	2.89	2.71	2.88	2.93	3.18	2.68	3.15	2.69	2.46	1.94	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_2 23705	36.08	33.19	31.93	30.75	30.94	35.34	44.00	57.07	54.08	50.51	48.98	46.87	44.66	43.00	40.36	41.72	42.57	51.82	58.52	67.45	58.80	48.95	43.22	38.88
	1.22	0.97	0.90	0.84	0.70	1.03	1.81	1.93	2.33	2.77	2.99	3.11	3.00	2.89	2.71	2.88	2.93	3.18	2.68	3.15	2.69	2.46	1.94	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_3 23706	36.08	33.19	31.93	30.75	30.94	35.34	44.00	57.07	54.08	50.51	48.98	46.87	44.66	43.00	40.36	41.72	42.57	51.82	58.52	67.45	58.80	48.95	43.22	38.88
	1.22	0.97	0.90	0.84	0.70	1.03	1.81	1.93	2.33	2.77	2.99	3.11	3.00	2.89	2.71	2.88	2.93	3.18	2.68	3.15	2.69	2.46	1.94	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_4 23707	36.08	33.19	31.93	30.75	30.94	35.34	44.00	57.07	54.08	50.51	48.98	46.87	44.66	43.00	40.36	41.72	42.57	51.82	58.52	67.45	58.80	48.95	43.22	38.88
	1.22	0.97	0.90	0.84	0.70	1.03	1.81	1.93	2.33	2.77	2.99	3.11	3.00	2.89	2.71	2.88	2.93	3.18	2.68	3.15	2.69	2.46	1.94	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00

BARRETT_IC_5 23708	36.08 1.22 0.00	33.19 0.97 0.00	31.93 0.90 0.00	30.75 0.84 0.00	30.94 0.70 0.00	35.34 1.03 0.00	44.00 1.81 0.00	57.07 1.93 0.00	54.08 2.33 0.00	50.51 2.77 0.00	48.98 2.99 0.00	46.87 3.11 0.00	44.66 3.00 0.00	43.00 2.89 0.03	40.36 2.71 0.01	41.72 2.88 0.03	42.57 2.93 0.00	51.82 3.18 1.02	58.52 2.68 0.00	67.45 3.15 0.00	58.80 2.69 0.00	48.95 2.46 0.00	43.22 1.94 0.00	38.88 1.28 0.00
BARRETT_IC_6 23709	36.08 1.22 0.00	33.19 0.97 0.00	31.93 0.90 0.00	30.75 0.84 0.00	30.94 0.70 0.00	35.34 1.03 0.00	44.00 1.81 0.00	57.07 1.93 0.00	54.08 2.33 0.00	50.51 2.77 0.00	48.98 2.99 0.00	46.87 3.11 0.00	44.66 3.00 0.00	43.00 2.89 0.03	40.36 2.71 0.01	41.72 2.88 0.03	42.57 2.93 0.00	51.82 3.18 1.02	58.52 2.68 0.00	67.45 3.15 0.00	58.80 2.69 0.00	48.95 2.46 0.00	43.22 1.94 0.00	38.88 1.28 0.00
BARRETT_IC_7 23710	36.08 1.22 0.00	33.23 1.00 0.00	31.97 0.93 0.00	30.75 0.84 0.00	30.94 0.70 0.00	35.34 1.03 0.00	44.00 1.81 0.00	57.18 2.04 0.00	54.13 2.38 0.00	50.51 2.77 0.00	48.94 2.94 0.00	46.86 3.11 0.00	44.66 3.00 0.00	43.00 2.89 0.03	40.32 2.67 0.01	41.72 2.88 0.03	42.57 2.93 0.00	51.92 3.28 1.02	58.52 2.68 0.00	67.45 3.15 0.00	58.75 2.64 0.00	48.90 2.42 0.00	43.18 1.90 0.00	38.88 1.28 0.00
BARRETT_IC_8 23711	36.08 1.22 0.00	33.19 0.97 0.00	31.93 0.90 0.00	30.75 0.84 0.00	30.94 0.70 0.00	35.34 1.03 0.00	44.00 1.81 0.00	57.07 1.93 0.00	54.08 2.33 0.00	50.51 2.77 0.00	48.98 2.99 0.00	46.87 3.11 0.00	44.66 3.00 0.00	43.00 2.89 0.03	40.36 2.71 0.01	41.72 2.88 0.03	42.57 2.93 0.00	51.82 3.18 1.02	58.52 2.68 0.00	67.45 3.15 0.00	58.80 2.69 0.00	48.95 2.46 0.00	43.22 1.94 0.00	38.88 1.28 0.00
BARRETT_IC_9 23700	36.08 1.22 0.00	33.19 0.97 0.00	31.93 0.90 0.00	30.75 0.84 0.00	30.94 0.70 0.00	35.34 1.03 0.00	44.00 1.81 0.00	57.07 1.93 0.00	54.08 2.33 0.00	50.51 2.77 0.00	48.98 2.99 0.00	46.87 3.11 0.00	44.66 3.00 0.00	43.00 2.89 0.03	40.36 2.71 0.01	41.72 2.88 0.03	42.57 2.93 0.00	51.82 3.18 1.02	58.52 2.68 0.00	67.45 3.15 0.00	58.80 2.69 0.00	48.95 2.46 0.00	43.22 1.94 0.00	38.88 1.28 0.00
BARRETT___1 23545	36.08 1.22 0.00	33.19 0.97 0.00	31.93 0.90 0.00	30.75 0.84 0.00	30.94 0.70 0.00	35.34 1.03 0.00	44.00 1.81 0.00	57.07 1.93 0.00	54.08 2.33 0.00	50.51 2.77 0.00	48.98 2.99 0.00	46.87 3.11 0.00	44.66 3.00 0.00	43.00 2.89 0.03	40.36 2.71 0.01	41.72 2.88 0.03	42.57 2.93 0.00	51.82 3.18 1.02	58.52 2.68 0.00	67.45 3.15 0.00	58.80 2.69 0.00	48.95 2.46 0.00	43.22 1.94 0.00	38.88 1.28 0.00
BARRETT___2 23546	36.08 1.22 0.00	33.19 0.97 0.00	31.93 0.90 0.00	30.75 0.84 0.00	30.94 0.70 0.00	35.34 1.03 0.00	44.00 1.81 0.00	57.07 1.93 0.00	54.08 2.33 0.00	50.51 2.77 0.00	48.98 2.99 0.00	46.87 3.11 0.00	44.66 3.00 0.00	43.00 2.89 0.03	40.36 2.71 0.01	41.72 2.88 0.03	42.57 2.93 0.00	51.82 3.18 1.02	58.52 2.68 0.00	67.45 3.15 0.00	58.80 2.69 0.00	48.95 2.46 0.00	43.22 1.94 0.00	38.88 1.28 0.00
BATAVIA__115KV_TB1 55881	34.23 -0.63 0.00	31.52 -0.71 0.00	30.41 -0.62 0.00	29.35 -0.57 0.00	29.82 -0.42 0.00	33.87 -0.45 0.00	42.14 -0.04 0.00	53.76 -1.38 0.00	50.14 -1.60 0.00	45.64 -2.10 0.00	43.65 -2.35 0.00	41.08 -2.67 0.01	39.07 -2.58 0.01	37.49 -2.57 0.08	35.30 -2.33 0.02	36.35 -2.45 0.08	37.09 -2.54 0.01	43.36 -3.13 3.18	53.44 -2.40 0.00	61.79 -2.51 0.00	53.64 -2.47 0.00	44.35 -2.14 0.00	39.96 -1.32 0.00	36.89 -0.71 0.00
BAYONEEC___CTG1 323682	35.94 1.08 0.00	33.16 0.94 0.00	31.96 0.93 0.00	30.75 0.84 0.00	31.00 0.76 0.00	35.34 1.03 0.00	44.08 1.90 0.00	57.57 2.42 0.00	54.23 2.48 0.00	50.42 2.67 0.00	48.71 2.71 0.00	46.52 2.76 0.00	44.28 2.63 0.00	42.68 2.57 0.03	40.06 2.41 0.01	41.41 2.57 0.03	42.33 2.70 0.00	51.72 3.08 1.02	58.69 2.85 0.00	67.52 3.21 0.00	58.86 2.75 0.00	48.90 2.42 0.00	43.09 1.81 0.00	38.84 1.24 0.00
BAYONEEC___CTG10 323750	35.94 1.08 0.00	33.16 0.94 0.00	31.96 0.93 0.00	30.75 0.84 0.00	31.00 0.76 0.00	35.34 1.03 0.00	44.08 1.90 0.00	57.57 2.42 0.00	54.23 2.48 0.00	50.42 2.67 0.00	48.71 2.71 0.00	46.52 2.76 0.00	44.28 2.63 0.00	42.68 2.57 0.03	40.06 2.41 0.01	41.41 2.57 0.03	42.33 2.70 0.00	51.72 3.08 1.02	58.69 2.85 0.00	67.52 3.21 0.00	58.86 2.75 0.00	48.90 2.42 0.00	43.09 1.81 0.00	38.84 1.24 0.00
BAYONEEC___CTG2 323683	35.94 1.08 0.00	33.16 0.94 0.00	31.96 0.93 0.00	30.75 0.84 0.00	31.00 0.76 0.00	35.34 1.03 0.00	44.08 1.90 0.00	57.57 2.42 0.00	54.23 2.48 0.00	50.42 2.67 0.00	48.71 2.71 0.00	46.52 2.76 0.00	44.28 2.63 0.00	42.68 2.57 0.03	40.06 2.41 0.01	41.41 2.57 0.03	42.33 2.70 0.00	51.72 3.08 1.02	58.69 2.85 0.00	67.52 3.21 0.00	58.86 2.75 0.00	48.90 2.42 0.00	43.09 1.81 0.00	38.84 1.24 0.00
BAYONEEC___CTG3 323684	35.94 1.08 0.00	33.16 0.94 0.00	31.96 0.93 0.00	30.75 0.84 0.00	31.00 0.76 0.00	35.34 1.03 0.00	44.08 1.90 0.00	57.57 2.42 0.00	54.23 2.48 0.00	50.42 2.67 0.00	48.71 2.71 0.00	46.52 2.76 0.00	44.28 2.63 0.00	42.68 2.57 0.03	40.06 2.41 0.01	41.41 2.57 0.03	42.33 2.70 0.00	51.72 3.08 1.02	58.69 2.85 0.00	67.52 3.21 0.00	58.86 2.75 0.00	48.90 2.42 0.00	43.09 1.81 0.00	38.84 1.24 0.00
BAYONEEC___CTG4 323685	35.94 1.08 0.00	33.16 0.94 0.00	31.96 0.93 0.00	30.75 0.84 0.00	31.00 0.76 0.00	35.34 1.03 0.00	44.08 1.90 0.00	57.57 2.42 0.00	54.23 2.48 0.00	50.42 2.67 0.00	48.71 2.71 0.00	46.52 2.76 0.00	44.28 2.63 0.00	42.68 2.57 0.03	40.06 2.41 0.01	41.41 2.57 0.03	42.33 2.70 0.00	51.72 3.08 1.02	58.69 2.85 0.00	67.52 3.21 0.00	58.86 2.75 0.00	48.90 2.42 0.00	43.09 1.81 0.00	38.84 1.24 0.00
BAYONEEC___CTG5 323686	35.94 1.08 0.00	33.16 0.94 0.00	31.96 0.93 0.00	30.75 0.84 0.00	31.00 0.76 0.00	35.34 1.03 0.00	44.08 1.90 0.00	57.57 2.42 0.00	54.23 2.48 0.00	50.42 2.67 0.00	48.71 2.71 0.00	46.52 2.76 0.00	44.28 2.63 0.00	42.68 2.57 0.03	40.06 2.41 0.01	41.41 2.57 0.03	42.33 2.70 0.00	51.72 3.08 1.02	58.69 2.85 0.00	67.52 3.21 0.00	58.86 2.75 0.00	48.90 2.42 0.00	43.09 1.81 0.00	38.84 1.24 0.00
BAYONEEC___CTG6 323687	35.94 1.08 0.00	33.16 0.94 0.00	31.96 0.93 0.00	30.75 0.84 0.00	31.00 0.76 0.00	35.34 1.03 0.00	44.08 1.90 0.00	57.57 2.42 0.00	54.23 2.48 0.00	50.42 2.67 0.00	48.71 2.71 0.00	46.52 2.76 0.00	44.28 2.63 0.00	42.68 2.57 0.03	40.06 2.41 0.01	41.41 2.57 0.03	42.33 2.70 0.00	51.72 3.08 1.02	58.69 2.85 0.00	67.52 3.21 0.00	58.86 2.75 0.00	48.90 2.42 0.00	43.09 1.81 0.00	38.84 1.24 0.00

BAYONEEC___CTG7 323688	35.94 1.08 0.00	33.16 0.94 0.00	31.96 0.93 0.00	30.75 0.84 0.00	31.00 0.76 0.00	35.34 1.03 0.00	44.08 1.90 0.00	57.57 2.42 0.00	54.23 2.48 0.00	50.42 2.67 0.00	48.71 2.71 0.00	46.52 2.76 0.00	44.28 2.63 0.00	42.68 2.57 0.03	40.06 2.41 0.01	41.41 2.57 0.03	42.33 2.70 0.00	51.72 3.08 1.02	58.69 2.85 0.00	67.52 3.21 0.00	58.86 2.75 0.00	48.90 2.42 0.00	43.09 1.81 0.00	38.84 1.24 0.00
BAYONEEC___CTG8 323689	35.94 1.08 0.00	33.16 0.94 0.00	31.96 0.93 0.00	30.75 0.84 0.00	31.00 0.76 0.00	35.34 1.03 0.00	44.08 1.90 0.00	57.57 2.42 0.00	54.23 2.48 0.00	50.42 2.67 0.00	48.71 2.71 0.00	46.52 2.76 0.00	44.28 2.63 0.00	42.68 2.57 0.03	40.06 2.41 0.01	41.41 2.57 0.03	42.33 2.70 0.00	51.72 3.08 1.02	58.69 2.85 0.00	67.52 3.21 0.00	58.86 2.75 0.00	48.90 2.42 0.00	43.09 1.81 0.00	38.84 1.24 0.00
BAYONEEC___CTG9 323749	35.94 1.08 0.00	33.16 0.94 0.00	31.96 0.93 0.00	30.75 0.84 0.00	31.00 0.76 0.00	35.34 1.03 0.00	44.08 1.90 0.00	57.57 2.42 0.00	54.23 2.48 0.00	50.42 2.67 0.00	48.71 2.71 0.00	46.52 2.76 0.00	44.28 2.63 0.00	42.68 2.57 0.03	40.06 2.41 0.01	41.41 2.57 0.03	42.33 2.70 0.00	51.72 3.08 1.02	58.69 2.85 0.00	67.52 3.21 0.00	58.86 2.75 0.00	48.90 2.42 0.00	43.09 1.81 0.00	38.84 1.24 0.00
BEACON___LESR 323632	35.49 0.63 0.00	32.74 0.51 0.00	31.56 0.53 0.00	30.45 0.54 0.00	30.76 0.51 0.00	34.86 0.55 0.00	42.90 0.72 0.00	56.35 1.21 0.00	52.94 1.19 0.00	48.89 1.14 0.00	47.14 1.15 0.00	44.98 1.22 0.00	42.74 1.08 0.00	41.20 1.08 0.03	38.70 1.05 0.01	39.98 1.13 0.03	40.74 1.11 0.00	50.21 1.54 0.99	57.24 1.40 0.00	65.97 1.67 0.00	57.46 1.34 0.00	47.60 1.11 0.00	42.18 0.91 0.00	38.13 0.53 0.00
BEAVER RIVER___HYD 24048	34.48 -0.38 0.00	31.75 -0.48 0.00	30.60 -0.43 0.00	29.56 -0.36 0.00	29.82 -0.42 0.00	33.94 -0.38 0.00	41.72 -0.46 0.00	55.31 0.17 0.00	51.64 -0.10 0.00	47.27 -0.48 0.00	45.35 -0.64 0.00	42.97 -0.79 0.00	40.91 -0.75 0.00	39.23 -0.88 0.03	36.82 -0.83 0.01	38.03 -0.82 0.03	38.84 -0.79 0.00	48.09 -0.55 1.03	55.95 0.11 0.00	65.33 1.03 0.00	57.06 0.95 0.00	47.23 0.74 0.00	41.77 0.50 0.00	37.98 0.38 0.00
BEEBEE_GT_13 23619	33.99 -0.87 0.00	31.33 -0.90 0.00	30.20 -0.84 0.00	29.11 -0.81 0.00	29.52 -0.73 0.00	33.49 -0.82 0.00	41.38 -0.80 0.00	53.21 -1.93 0.00	49.78 -1.97 0.00	45.60 -2.15 0.00	43.79 -2.21 0.00	41.39 -2.36 0.01	39.36 -2.29 0.01	37.97 -2.09 0.09	35.71 -1.92 0.02	36.85 -1.94 0.09	37.41 -2.22 0.01	44.02 -2.48 3.15	53.33 -2.51 0.00	61.47 -2.83 0.00	53.47 -2.64 0.00	44.25 -2.23 0.00	39.71 -1.57 0.00	36.51 -1.09 0.00
BENSHRST_27_KV_BENSHRST_1 355998	48.62 1.74 -12.02	33.72 1.48 -0.01	32.50 1.46 -0.01	31.30 1.38 -0.01	31.55 1.30 -0.01	35.90 1.58 -0.01	48.93 2.62 -4.13	58.45 3.31 0.00	54.96 3.21 0.00	52.97 3.44 -1.78	52.62 3.36 -3.27	55.43 3.41 -8.25	58.97 3.25 -14.06	59.71 3.17 -16.39	62.26 2.97 -21.63	86.42 3.19 -44.36	86.40 3.33 -43.43	86.39 3.87 -32.85	86.46 3.63 -26.99	86.57 4.18 -18.09	86.53 3.59 -26.83	53.34 3.25 -3.61	51.36 2.56 -7.52	50.46 1.92 -10.94
BETHLEHEM___GRP 23843	35.11 0.24 0.00	32.42 0.19 0.00	31.25 0.22 0.00	30.15 0.24 0.00	30.46 0.21 0.00	34.45 0.14 0.00	42.35 0.17 0.00	55.53 0.39 0.00	52.21 0.47 0.00	48.22 0.48 0.00	46.55 0.55 0.00	44.41 0.66 0.00	42.24 0.58 0.00	40.72 0.60 0.03	38.25 0.60 0.01	39.47 0.62 0.03	40.27 0.63 0.00	49.52 0.84 0.99	56.46 0.61 0.00	64.95 0.64 0.00	56.62 0.50 0.00	46.95 0.46 0.00	41.57 0.29 0.00	37.64 0.04 0.00
BETHLEHEM___GS1 323560	35.11 0.25 0.00	32.39 0.16 0.00	31.25 0.22 0.00	30.15 0.24 0.00	30.46 0.21 0.00	34.45 0.14 0.00	42.35 0.17 0.00	55.53 0.39 0.00	52.16 0.41 0.00	48.22 0.48 0.00	46.50 0.51 0.00	44.41 0.66 0.00	42.24 0.58 0.00	40.72 0.60 0.03	38.24 0.60 0.01	39.47 0.62 0.03	40.27 0.63 0.00	49.52 0.84 0.99	56.46 0.62 0.00	64.95 0.64 0.00	56.61 0.50 0.00	46.95 0.46 0.00	41.57 0.29 0.00	37.64 0.04 0.00
BETHLEHEM___GS2 323561	35.11 0.25 0.00	32.39 0.16 0.00	31.25 0.22 0.00	30.15 0.24 0.00	30.46 0.21 0.00	34.45 0.14 0.00	42.35 0.17 0.00	55.53 0.39 0.00	52.16 0.41 0.00	48.22 0.48 0.00	46.50 0.51 0.00	44.41 0.66 0.00	42.24 0.58 0.00	40.72 0.60 0.03	38.24 0.60 0.01	39.47 0.62 0.03	40.27 0.63 0.00	49.52 0.84 0.99	56.46 0.62 0.00	64.95 0.64 0.00	56.61 0.50 0.00	46.95 0.46 0.00	41.57 0.29 0.00	37.64 0.04 0.00
BETHLEHEM___GS3 323562	35.11 0.25 0.00	32.39 0.16 0.00	31.25 0.22 0.00	30.15 0.24 0.00	30.46 0.21 0.00	34.45 0.14 0.00	42.35 0.17 0.00	55.53 0.39 0.00	52.16 0.41 0.00	48.22 0.48 0.00	46.50 0.51 0.00	44.41 0.66 0.00	42.24 0.58 0.00	40.72 0.60 0.03	38.24 0.60 0.01	39.47 0.62 0.03	40.27 0.63 0.00	49.52 0.84 0.99	56.46 0.62 0.00	64.95 0.64 0.00	56.61 0.50 0.00	46.95 0.46 0.00	41.57 0.29 0.00	37.64 0.04 0.00
BETHLEHEM___STEEL 23779	34.03 -0.84 0.00	31.29 -0.93 0.00	30.29 -0.74 0.00	29.26 -0.66 0.00	29.70 -0.54 0.00	33.73 -0.58 0.00	42.02 -0.17 0.00	52.94 -2.21 0.00	49.47 -2.28 0.00	45.21 -2.53 0.00	43.33 -2.67 0.00	40.78 -2.98 0.01	38.90 -2.75 0.01	36.89 -3.17 0.08	34.70 -2.94 0.02	35.49 -3.30 0.08	36.78 -2.85 0.01	41.80 -4.67 3.20	52.60 -3.24 0.00	60.77 -3.54 0.00	52.69 -3.42 0.00	43.60 -2.88 0.00	39.38 -1.90 0.00	36.66 -0.94 0.00
BETHLHEM_115KV_TB1 79974	35.14 0.28 0.00	32.45 0.23 0.00	31.31 0.28 0.00	30.18 0.27 0.00	30.49 0.24 0.00	34.52 0.21 0.00	42.44 0.25 0.00	55.64 0.50 0.00	52.26 0.52 0.00	48.32 0.57 0.00	46.59 0.60 0.00	44.46 0.70 0.00	42.28 0.62 0.00	40.80 0.68 0.03	38.28 0.64 0.01	39.55 0.70 0.03	40.35 0.71 0.00	49.62 0.94 0.99	56.51 0.67 0.00	65.07 0.77 0.00	56.73 0.62 0.00	47.00 0.51 0.00	41.65 0.37 0.00	37.71 0.11 0.00
BETHPAGE_CC_5 323564	36.12 1.25 0.00	33.19 0.97 0.00	31.90 0.87 0.00	30.75 0.84 0.00	30.91 0.66 0.00	35.34 1.03 0.00	43.87 1.69 0.00	57.12 1.98 0.00	54.23 2.48 0.00	50.71 2.96 0.00	49.12 3.13 0.00	46.95 3.19 0.00	44.70 3.04 0.00	43.08 2.97 0.03	40.39 2.75 0.01	41.76 2.92 0.03	42.61 2.97 0.00	52.02 3.38 1.02	58.74 2.90 0.00	67.71 3.41 0.00	59.03 2.92 0.00	48.95 2.46 0.00	43.18 1.90 0.00	38.88 1.28 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.13 -0.73 0.00	31.39 -0.84 0.00	30.38 -0.65 0.00	29.35 -0.57 0.00	29.79 -0.45 0.00	33.83 -0.48 0.00	42.18 0.00 0.00	53.16 -1.99 0.00	49.73 -2.02 0.00	45.41 -2.34 0.00	43.51 -2.48 0.00	40.91 -2.84 0.01	39.07 -2.58 0.01	36.89 -3.17 0.08	34.70 -2.94 0.02	35.46 -3.34 0.08	36.90 -2.74 0.01	41.79 -4.67 3.20	52.83 -3.02 0.00	61.09 -3.22 0.00	52.91 -3.20 0.00	43.79 -2.70 0.00	39.54 -1.73 0.00	36.81 -0.79 0.00

BINGHAMTON___COGEN 23790	34.83 -0.03 0.00	32.16 -0.06 0.00	31.00 -0.03 0.00	29.85 -0.06 0.00	30.21 -0.03 0.00	34.28 -0.03 0.00	42.35 0.17 0.00	54.92 -0.22 0.00	51.49 -0.26 0.00	47.31 -0.43 0.00	45.49 -0.51 0.00	43.10 -0.66 0.01	41.03 -0.62 0.01	39.29 -0.80 0.06	36.85 -0.79 0.01	37.97 -0.86 0.06	39.00 -0.63 0.01	46.45 -1.09 2.12	55.34 -0.50 0.00	63.92 -0.39 0.00	55.66 -0.45 0.00	46.07 -0.42 0.00	40.95 -0.33 0.00	37.49 -0.11 0.00
BIXINCNT_115KV_LOAD 355685	33.89 -0.98 0.00	31.39 -0.84 0.00	30.32 -0.71 0.00	29.35 -0.57 0.00	29.85 -0.39 0.00	33.93 -0.38 0.00	42.52 0.34 0.00	53.65 -1.49 0.00	50.35 -1.40 0.00	45.88 -1.86 0.00	43.88 -2.12 0.00	41.26 -2.49 0.01	39.32 -2.33 0.01	36.78 -3.29 0.08	34.47 -3.16 0.02	35.11 -3.69 0.08	36.94 -2.70 0.01	41.43 -5.02 3.21	53.33 -2.51 0.00	61.99 -2.31 0.00	53.87 -2.24 0.00	44.49 -2.00 0.00	40.00 -1.28 0.00	37.34 -0.26 0.00
BLACK RIVER___HYD 24047	34.86 0.00 0.00	32.00 -0.22 0.00	30.82 -0.22 0.00	29.77 -0.15 0.00	30.00 -0.24 0.00	34.14 -0.17 0.00	41.93 -0.25 0.00	55.86 0.71 0.00	52.06 0.31 0.00	47.46 -0.28 0.00	45.44 -0.55 0.00	43.01 -0.74 0.00	40.99 -0.67 0.00	39.27 -0.84 0.03	36.81 -0.83 0.01	38.07 -0.78 0.03	38.88 -0.75 0.00	48.20 -0.35 1.11	56.40 0.56 0.00	65.84 1.54 0.00	57.57 1.46 0.00	47.60 1.11 0.00	42.02 0.74 0.00	38.20 0.60 0.00
BLACKRVR_115KV_TB2 79977	34.86 0.00 0.00	32.00 -0.23 0.00	30.82 -0.22 0.00	29.76 -0.15 0.00	30.00 -0.24 0.00	34.14 -0.17 0.00	41.93 -0.25 0.00	55.86 0.72 0.00	52.06 0.31 0.00	47.46 -0.29 0.00	45.44 -0.55 0.00	43.01 -0.74 0.00	40.99 -0.67 0.00	39.27 -0.84 0.03	36.81 -0.83 0.01	38.07 -0.78 0.03	38.88 -0.75 0.00	48.20 -0.35 1.11	56.40 0.56 0.00	65.85 1.54 0.00	57.57 1.46 0.00	47.60 1.12 0.00	42.06 0.78 0.00	38.20 0.60 0.00
BLISS_WT_PWR 323608	33.71 -1.15 0.00	31.39 -0.84 0.00	30.20 -0.84 0.00	29.26 -0.66 0.00	29.76 -0.49 0.00	33.83 -0.48 0.00	42.44 0.25 0.00	53.54 -1.60 0.00	50.35 -1.39 0.00	45.83 -1.91 0.00	43.83 -2.16 0.00	41.21 -2.54 0.01	39.23 -2.42 0.01	36.37 -3.69 0.08	34.81 -2.82 0.02	35.03 -3.77 0.08	36.82 -2.81 0.01	41.38 -5.07 3.21	53.27 -2.57 0.00	61.99 -2.31 0.00	53.92 -2.19 0.00	44.44 -2.04 0.00	39.83 -1.45 0.00	37.38 -0.22 0.00
BLUESTONE___WT_PWR 323821	36.29 1.43 0.00	33.39 1.16 0.00	32.09 1.06 0.00	30.93 1.02 0.00	31.18 0.94 0.00	35.44 1.13 0.00	43.70 1.52 0.00	57.51 2.37 0.00	53.82 2.07 0.00	49.23 1.48 0.00	47.19 1.19 0.00	44.54 0.79 0.01	42.41 0.75 0.01	40.49 0.40 0.05	38.02 0.38 0.01	39.13 0.31 0.05	40.19 0.55 0.01	49.09 0.84 1.42	57.63 1.79 0.00	66.81 2.51 0.00	58.24 2.13 0.00	48.25 1.77 0.00	42.68 1.40 0.00	38.95 1.35 0.00
BLUE_CIRC_CHEM_DRP 24182	35.42 0.56 0.00	32.74 0.52 0.00	31.53 0.50 0.00	30.39 0.48 0.00	30.73 0.48 0.00	34.83 0.51 0.00	42.82 0.63 0.00	56.13 0.99 0.00	52.68 0.93 0.00	48.60 0.86 0.00	46.78 0.78 0.00	44.59 0.83 0.00	42.37 0.71 0.00	40.84 0.72 0.03	38.36 0.72 0.01	39.59 0.74 0.03	40.43 0.79 0.00	49.77 1.09 0.99	56.90 1.06 0.00	65.59 1.29 0.00	57.18 1.07 0.00	47.37 0.88 0.00	41.98 0.70 0.00	38.09 0.49 0.00
BOC_GAS_DRP 24189	35.25 0.38 0.00	32.58 0.35 0.00	31.38 0.34 0.00	30.21 0.30 0.00	30.52 0.27 0.00	34.62 0.31 0.00	42.65 0.46 0.00	55.86 0.72 0.00	52.47 0.72 0.00	48.51 0.76 0.00	46.78 0.78 0.00	44.63 0.88 0.00	42.45 0.79 0.00	40.92 0.80 0.03	38.40 0.75 0.01	39.66 0.82 0.03	40.51 0.87 0.00	49.72 1.04 0.98	56.73 0.89 0.00	65.27 0.96 0.00	56.95 0.84 0.00	47.18 0.70 0.00	41.81 0.54 0.00	37.90 0.30 0.00
BOONVILLE_115KV_TB1 79983	35.11 0.24 0.00	32.36 0.13 0.00	31.16 0.12 0.00	30.09 0.18 0.00	30.37 0.12 0.00	34.52 0.21 0.00	42.44 0.25 0.00	56.02 0.88 0.00	52.47 0.72 0.00	48.17 0.43 0.00	46.32 0.32 0.00	43.93 0.18 0.00	41.86 0.21 0.00	40.19 0.08 0.04	37.72 0.08 0.01	38.96 0.12 0.04	39.79 0.16 0.00	48.90 0.50 1.25	56.79 0.95 0.00	65.91 1.61 0.00	57.51 1.40 0.00	47.65 1.16 0.00	42.14 0.87 0.00	38.28 0.68 0.00
BORALEX_4TH_BRANCH 23824	35.84 0.98 0.00	33.20 0.97 0.00	31.84 0.81 0.00	30.66 0.75 0.00	31.03 0.79 0.00	35.20 0.89 0.00	43.32 1.14 0.00	56.85 1.71 0.00	53.35 1.60 0.00	49.32 1.58 0.00	47.70 1.70 0.00	45.64 1.88 0.00	43.45 1.79 0.00	42.00 1.89 0.03	39.41 1.77 0.01	40.67 1.83 0.03	41.58 1.94 0.00	51.10 2.43 0.99	57.91 2.07 0.00	66.42 2.12 0.00	57.96 1.85 0.00	47.97 1.49 0.00	42.52 1.24 0.00	38.39 0.79 0.00
BOWLINE___1 23526	35.60 0.73 0.00	32.87 0.64 0.00	31.65 0.62 0.00	30.45 0.54 0.00	30.73 0.48 0.00	35.00 0.69 0.00	43.49 1.31 0.00	56.96 1.82 0.00	53.56 1.81 0.00	49.66 1.91 0.00	47.93 1.93 0.00	45.77 2.01 0.00	43.53 1.88 0.00	42.00 1.89 0.03	39.38 1.73 0.01	40.71 1.87 0.03	41.58 1.94 0.00	50.87 2.24 1.02	57.91 2.07 0.00	66.74 2.44 0.00	58.19 2.08 0.00	48.21 1.72 0.00	42.60 1.32 0.00	38.39 0.79 0.00
BOWLINE___2 23595	35.60 0.73 0.00	32.87 0.64 0.00	31.65 0.62 0.00	30.45 0.54 0.00	30.73 0.48 0.00	35.00 0.69 0.00	43.49 1.31 0.00	56.96 1.82 0.00	53.56 1.81 0.00	49.66 1.91 0.00	47.93 1.93 0.00	45.73 1.97 0.00	43.53 1.88 0.00	41.96 1.85 0.03	39.38 1.73 0.01	40.71 1.87 0.03	41.62 1.98 0.00	50.87 2.24 1.02	57.91 2.07 0.00	66.74 2.44 0.00	58.19 2.08 0.00	48.21 1.72 0.00	42.60 1.32 0.00	38.39 0.79 0.00
BRADY___115KV_TB2 356060	35.28 0.42 0.00	32.61 0.39 0.00	31.41 0.37 0.00	30.36 0.45 0.00	30.70 0.45 0.00	34.86 0.55 0.00	42.90 0.72 0.00	56.41 1.27 0.00	52.73 0.98 0.00	48.51 0.76 0.00	46.64 0.64 0.00	44.24 0.48 0.00	42.20 0.54 0.00	40.53 0.40 0.01	38.06 0.41 0.00	39.22 0.35 0.01	39.88 0.24 0.00	49.73 0.45 0.38	56.85 1.01 0.00	65.59 1.29 0.00	57.40 1.29 0.00	47.60 1.12 0.00	42.31 1.03 0.00	38.62 1.02 0.00
BRANSCOMB___SOLAR 323811	35.94 1.08 0.00	33.26 1.03 0.00	31.96 0.93 0.00	30.78 0.87 0.00	31.12 0.88 0.00	35.34 1.03 0.00	43.32 1.14 0.00	57.02 1.88 0.00	53.51 1.76 0.00	49.27 1.53 0.00	47.42 1.43 0.00	45.25 1.49 0.00	42.91 1.25 0.00	41.32 1.20 0.03	38.88 1.24 0.01	40.13 1.28 0.03	40.90 1.27 0.00	50.50 1.84 1.00	57.74 1.90 0.00	66.74 2.44 0.00	58.02 1.91 0.00	48.02 1.53 0.00	42.56 1.28 0.00	38.43 0.83 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.29 1.43 0.00	33.36 1.13 0.00	32.06 1.02 0.00	30.87 0.96 0.00	31.00 0.76 0.00	35.44 1.13 0.00	44.08 1.90 0.00	57.62 2.48 0.00	54.64 2.90 0.00	51.04 3.29 0.00	49.31 3.31 0.00	47.26 3.50 0.00	44.99 3.33 0.00	43.32 3.21 0.03	40.62 2.97 0.01	42.03 3.19 0.03	42.85 3.21 0.00	52.37 3.72 1.02	59.14 3.29 0.00	68.16 3.86 0.00	59.37 3.25 0.00	49.14 2.65 0.00	43.30 2.02 0.00	38.96 1.35 0.00

BRISTLHL_115KV_TB1 79998	34.20 -0.66 0.00	31.55 -0.68 0.00	30.41 -0.62 0.00	29.29 -0.63 0.00	29.61 -0.64 0.00	33.52 -0.79 0.00	41.05 -1.14 0.00	53.54 -1.60 0.00	50.19 -1.55 0.00	46.22 -1.53 0.00	44.48 -1.52 0.00	42.23 -1.53 0.00	40.16 -1.50 0.00	38.67 -1.45 0.03	36.25 -1.39 0.01	37.45 -1.40 0.03	38.25 -1.39 0.00	46.99 -1.69 0.99	54.11 -1.73 0.00	62.37 -1.93 0.00	54.37 -1.74 0.00	44.95 -1.53 0.00	40.00 -1.28 0.00	36.62 -0.98 0.00
BROOKHAVEN___DRP 24191	35.84 0.98 0.00	32.94 0.71 0.00	31.59 0.56 0.00	30.36 0.45 0.00	30.49 0.24 0.00	34.79 0.48 0.00	43.37 1.18 0.00	56.69 1.54 0.00	54.08 2.33 0.00	50.56 2.82 0.00	48.43 2.44 0.00	46.43 2.67 0.00	44.24 2.58 0.00	42.64 2.53 0.03	39.94 2.30 0.01	41.26 2.41 0.03	42.01 2.38 0.00	51.32 2.68 1.02	57.91 2.07 0.00	66.94 2.64 0.00	58.19 2.08 0.00	48.07 1.58 0.00	42.35 1.07 0.00	38.09 0.49 0.00
BROOKLYN_NAVY_YARD 23515	35.98 1.12 0.00	33.16 0.94 0.00	31.96 0.93 0.00	30.75 0.84 0.00	31.00 0.76 0.00	35.34 1.03 0.00	44.13 1.94 0.00	57.68 2.54 0.00	54.28 2.53 0.00	50.46 2.72 0.00	48.75 2.76 0.00	46.60 2.84 0.00	44.33 2.67 0.00	42.76 2.65 0.03	40.13 2.48 0.01	41.49 2.64 0.03	42.41 2.77 0.00	51.77 3.13 1.02	58.74 2.90 0.00	67.64 3.34 0.00	58.97 2.86 0.00	48.99 2.51 0.00	43.22 1.94 0.00	38.88 1.28 0.00
BROOKLYN___ARMY_DRP 323595	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
BROOKVLE_69_KV_TB1 55790	36.29 1.43 0.00	33.39 1.16 0.00	32.12 1.09 0.00	30.90 0.99 0.00	31.09 0.85 0.00	35.51 1.20 0.00	44.21 2.02 0.00	57.79 2.65 0.00	54.64 2.90 0.00	51.04 3.29 0.00	49.40 3.40 0.00	47.35 3.59 0.00	45.03 3.37 0.00	43.36 3.25 0.03	40.66 3.01 0.01	42.07 3.23 0.03	42.89 3.25 0.00	52.37 3.72 1.02	59.14 3.29 0.00	68.22 3.92 0.00	59.42 3.31 0.00	49.27 2.79 0.00	43.42 2.15 0.00	39.11 1.50 0.00
BROOME_2_LFGE 323671	34.83 -0.03 0.00	32.20 -0.03 0.00	31.00 -0.03 0.00	29.85 -0.06 0.00	30.21 -0.03 0.00	34.28 -0.03 0.00	42.35 0.17 0.00	54.92 -0.22 0.00	51.49 -0.26 0.00	47.31 -0.43 0.00	45.49 -0.50 0.00	43.10 -0.66 0.01	40.99 -0.67 0.01	39.24 -0.84 0.06	36.92 -0.72 0.01	37.97 -0.86 0.06	39.00 -0.64 0.01	46.45 -1.09 2.12	55.34 -0.50 0.00	63.92 -0.38 0.00	55.66 -0.45 0.00	46.07 -0.42 0.00	40.91 -0.37 0.00	37.49 -0.11 0.00
BROOME___LFGE 323600	34.83 -0.03 0.00	32.20 -0.03 0.00	31.00 -0.03 0.00	29.85 -0.06 0.00	30.21 -0.03 0.00	34.28 -0.03 0.00	42.35 0.17 0.00	54.92 -0.22 0.00	51.49 -0.26 0.00	47.31 -0.43 0.00	45.49 -0.50 0.00	43.10 -0.66 0.01	40.99 -0.67 0.01	39.24 -0.84 0.06	36.92 -0.72 0.01	37.97 -0.86 0.06	39.00 -0.64 0.01	46.45 -1.09 2.12	55.34 -0.50 0.00	63.92 -0.38 0.00	55.66 -0.45 0.00	46.07 -0.42 0.00	40.91 -0.37 0.00	37.49 -0.11 0.00
BROWNFLS_115KV_TB 3_5 80003	34.37 -0.49 0.00	31.71 -0.52 0.00	30.57 -0.47 0.00	29.53 -0.39 0.00	29.82 -0.42 0.00	33.87 -0.45 0.00	41.68 -0.51 0.00	55.14 0.00 0.00	51.49 -0.26 0.00	47.27 -0.48 0.00	45.44 -0.55 0.00	43.06 -0.70 0.00	40.99 -0.67 0.00	39.32 -0.80 0.02	36.89 -0.75 0.01	38.08 -0.78 0.02	38.80 -0.83 0.00	48.14 -0.74 0.77	55.62 -0.22 0.00	64.56 0.26 0.00	56.50 0.39 0.00	46.81 0.33 0.00	41.44 0.17 0.00	37.75 0.15 0.00
BROWNSV1_27_KV_LOAD 356125	36.29 1.43 0.00	33.42 1.19 0.00	32.18 1.15 0.00	30.96 1.05 0.00	31.21 0.97 0.00	35.58 1.27 0.00	44.42 2.24 0.00	58.06 2.92 0.00	54.70 2.95 0.00	50.80 3.06 0.00	49.08 3.08 0.00	46.91 3.15 0.00	44.66 3.00 0.00	43.04 2.93 0.03	40.35 2.71 0.01	41.76 2.92 0.03	42.69 3.05 0.00	52.22 3.58 1.02	59.19 3.35 0.00	68.16 3.86 0.00	59.42 3.31 0.00	49.32 2.84 0.00	43.51 2.23 0.00	39.18 1.58 0.00
BURROWS___LYONSDAL 23803	34.90 0.03 0.00	32.16 -0.06 0.00	31.00 -0.03 0.00	29.91 0.00 0.00	30.18 -0.06 0.00	34.35 0.03 0.00	42.18 0.00 0.00	55.80 0.66 0.00	52.21 0.47 0.00	47.89 0.14 0.00	46.04 0.05 0.00	43.67 -0.09 0.00	41.57 -0.08 0.00	39.91 -0.20 0.04	37.45 -0.19 0.01	38.69 -0.16 0.04	39.52 -0.12 0.00	48.65 0.20 1.21	56.57 0.73 0.00	65.78 1.48 0.00	57.40 1.29 0.00	47.55 1.07 0.00	42.06 0.78 0.00	38.20 0.60 0.00
CAITHNESS_CC_1 323624	35.84 0.97 0.00	32.91 0.68 0.00	31.53 0.50 0.00	30.42 0.51 0.00	30.55 0.30 0.00	34.86 0.55 0.00	43.41 1.22 0.00	56.35 1.21 0.00	54.02 2.27 0.00	50.51 2.77 0.00	48.66 2.67 0.00	46.52 2.76 0.00	44.33 2.67 0.00	42.72 2.61 0.03	40.02 2.37 0.01	41.34 2.49 0.03	42.13 2.50 0.00	51.42 2.78 1.02	58.08 2.24 0.00	67.00 2.70 0.00	58.36 2.25 0.00	48.25 1.77 0.00	42.51 1.24 0.00	38.20 0.60 0.00
CALPINE BETH_PAGE_GT4 24209	36.05 1.19 0.00	33.16 0.93 0.00	31.90 0.87 0.00	30.69 0.78 0.00	30.88 0.64 0.00	35.27 0.96 0.00	43.75 1.56 0.00	57.07 1.93 0.00	54.02 2.28 0.00	50.51 2.77 0.00	48.85 2.85 0.00	46.82 3.06 0.00	44.57 2.92 0.00	42.92 2.81 0.03	40.24 2.60 0.01	41.65 2.80 0.03	42.45 2.81 0.00	51.87 3.23 1.02	58.52 2.68 0.00	67.52 3.22 0.00	58.75 2.64 0.00	48.76 2.28 0.00	42.97 1.69 0.00	38.81 1.20 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.05 1.19 0.00	33.13 0.90 0.00	31.87 0.84 0.00	30.69 0.78 0.00	30.88 0.64 0.00	35.27 0.96 0.00	43.75 1.56 0.00	56.96 1.82 0.00	54.02 2.27 0.00	50.51 2.77 0.00	48.94 2.95 0.00	46.78 3.02 0.00	44.57 2.92 0.00	42.92 2.81 0.03	40.24 2.60 0.01	41.65 2.80 0.03	42.45 2.81 0.00	51.87 3.23 1.02	58.52 2.68 0.00	67.52 3.21 0.00	58.80 2.69 0.00	48.81 2.32 0.00	43.01 1.73 0.00	38.81 1.20 0.00
CALPINE_BP_GT1 23823	36.05 1.19 0.00	33.13 0.90 0.00	31.87 0.84 0.00	30.69 0.78 0.00	30.88 0.64 0.00	35.27 0.96 0.00	43.75 1.56 0.00	56.96 1.82 0.00	54.02 2.27 0.00	50.51 2.77 0.00	48.94 2.95 0.00	46.78 3.02 0.00	44.57 2.92 0.00	42.92 2.81 0.03	40.24 2.60 0.01	41.65 2.80 0.03	42.45 2.81 0.00	51.87 3.23 1.02	58.52 2.68 0.00	67.52 3.21 0.00	58.80 2.69 0.00	48.81 2.32 0.00	43.01 1.73 0.00	38.81 1.20 0.00
CALSPAN___DRP 24200	34.03 -0.84 0.00	31.29 -0.93 0.00	30.29 -0.74 0.00	29.26 -0.66 0.00	29.70 -0.54 0.00	33.73 -0.58 0.00	42.02 -0.17 0.00	52.94 -2.21 0.00	49.47 -2.28 0.00	45.21 -2.53 0.00	43.33 -2.67 0.00	40.78 -2.98 0.01	38.90 -2.75 0.01	36.89 -3.17 0.08	34.70 -2.94 0.02	35.49 -3.30 0.08	36.78 -2.85 0.01	41.80 -4.67 3.20	52.60 -3.24 0.00	60.77 -3.54 0.00	52.69 -3.42 0.00	43.60 -2.88 0.00	39.38 -1.90 0.00	36.66 -0.94 0.00

CALVERTON___SOLAR 323806	35.84 0.97 0.00	32.87 0.64 0.00	31.34 0.31 0.00	30.24 0.33 0.00	30.34 0.09 0.00	34.62 0.31 0.00	43.24 1.06 0.00	55.97 0.83 0.00	54.23 2.48 0.00	50.75 3.01 0.00	48.38 2.39 0.00	46.34 2.58 0.00	44.20 2.54 0.00	42.56 2.45 0.03	39.83 2.18 0.01	41.10 2.25 0.03	41.78 2.14 0.00	51.02 2.38 1.02	57.63 1.79 0.00	66.74 2.44 0.00	58.02 1.91 0.00	47.83 1.35 0.00	42.10 0.83 0.00	37.87 0.27 0.00
CANDIGU_WT_PWR 323617	34.10 -0.77 0.00	31.52 -0.71 0.00	30.35 -0.68 0.00	29.28 -0.63 0.00	29.64 -0.60 0.00	33.66 -0.65 0.00	41.76 -0.42 0.00	53.38 -1.77 0.00	49.89 -1.86 0.00	45.60 -2.15 0.00	43.60 -2.39 0.00	41.08 -2.67 0.01	39.07 -2.58 0.01	37.06 -3.01 0.07	35.00 -2.64 0.02	35.85 -2.96 0.07	36.90 -2.73 0.01	42.46 -3.82 3.37	53.33 -2.51 0.00	62.05 -2.25 0.00	53.92 -2.19 0.00	44.62 -1.86 0.00	39.79 -1.48 0.00	36.81 -0.79 0.00
CARR STREET_E_SYR 24060	34.51 -0.35 0.00	31.87 -0.35 0.00	30.66 -0.37 0.00	29.52 -0.39 0.00	29.88 -0.36 0.00	33.83 -0.48 0.00	41.47 -0.72 0.00	54.04 -1.10 0.00	50.71 -1.03 0.00	46.65 -1.10 0.00	44.89 -1.10 0.00	42.62 -1.14 0.01	40.53 -1.12 0.01	39.04 -1.04 0.06	36.58 -1.05 0.01	37.77 -1.05 0.06	38.60 -1.03 0.01	46.26 -1.29 2.11	54.61 -1.23 0.00	63.02 -1.29 0.00	54.88 -1.23 0.00	45.46 -1.02 0.00	40.41 -0.87 0.00	37.00 -0.60 0.00
CARTHAGE___PAPER 23857	34.58 -0.28 0.00	31.81 -0.42 0.00	30.66 -0.37 0.00	29.62 -0.30 0.00	29.88 -0.36 0.00	34.00 -0.31 0.00	41.80 -0.38 0.00	55.58 0.44 0.00	51.80 0.05 0.00	47.27 -0.48 0.00	45.35 -0.64 0.00	42.92 -0.83 0.00	40.91 -0.75 0.00	39.19 -0.92 0.03	36.78 -0.86 0.01	37.99 -0.86 0.03	38.84 -0.79 0.00	48.13 -0.45 1.08	56.18 0.34 0.00	65.59 1.29 0.00	57.34 1.23 0.00	47.46 0.98 0.00	41.90 0.62 0.00	38.09 0.49 0.00
CASSADAGA_WT_PWR 323784	34.55 -0.31 0.00	31.94 -0.29 0.00	30.91 -0.12 0.00	29.91 0.00 0.00	30.43 0.18 0.00	34.66 0.34 0.00	43.49 1.31 0.00	54.87 -0.27 0.00	51.23 -0.52 0.00	46.65 -1.10 0.00	44.66 -1.34 0.00	42.00 -1.75 0.01	40.03 -1.63 0.01	37.46 -2.61 0.08	35.67 -1.96 0.02	36.20 -2.60 0.08	37.69 -1.94 0.01	42.87 -3.58 3.22	54.50 -1.34 0.00	63.40 -0.90 0.00	54.88 -1.23 0.00	45.37 -1.12 0.00	40.70 -0.58 0.00	37.98 0.38 0.00
CE_DUNWOOD___DRP 24194	35.87 1.01 0.00	33.13 0.90 0.00	31.90 0.87 0.00	30.69 0.78 0.00	30.94 0.70 0.00	35.24 0.93 0.00	43.83 1.65 0.00	57.40 2.26 0.00	54.02 2.28 0.00	50.18 2.43 0.00	48.43 2.44 0.00	46.25 2.49 0.00	44.03 2.37 0.00	42.44 2.33 0.03	39.79 2.15 0.01	41.18 2.33 0.03	42.05 2.42 0.00	51.42 2.78 1.02	58.47 2.62 0.00	67.32 3.02 0.00	58.69 2.58 0.00	48.67 2.18 0.00	42.93 1.65 0.00	38.69 1.09 0.00
CE_MILLWOOD___DRP 24193	35.77 0.91 0.00	33.07 0.84 0.00	31.81 0.78 0.00	30.60 0.69 0.00	30.88 0.64 0.00	35.17 0.86 0.00	43.70 1.52 0.00	57.24 2.10 0.00	53.87 2.12 0.00	49.94 2.20 0.00	48.25 2.25 0.00	46.08 2.32 0.00	43.82 2.17 0.00	42.28 2.17 0.03	39.64 2.00 0.01	40.98 2.14 0.03	41.90 2.26 0.00	51.22 2.58 1.02	58.24 2.40 0.00	67.13 2.83 0.00	58.47 2.36 0.00	48.48 2.00 0.00	42.76 1.49 0.00	38.58 0.98 0.00
CE_NYC2_DRP 24202	36.23 1.36 -0.01	33.39 1.16 0.00	32.19 1.15 -0.01	31.00 1.08 -0.01	31.25 1.00 -0.01	35.51 1.20 0.00	44.54 2.19 -0.16	57.90 2.76 0.00	54.54 2.79 0.00	50.97 2.96 -0.26	49.46 2.99 -0.48	50.22 3.06 -3.40	50.97 2.87 -6.44	50.22 2.85 -7.23	50.22 2.64 -9.93	50.26 2.84 -8.54	50.97 2.97 -8.36	56.88 3.38 -3.84	58.91 3.07 0.00	67.77 3.47 0.00	59.08 2.97 0.00	49.46 2.74 -0.23	44.46 2.11 -1.07	39.11 1.50 0.00
CE_NYC_DRP 24195	36.05 1.19 0.00	33.26 1.03 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.41 1.10 0.00	44.17 1.98 0.00	57.73 2.59 0.00	54.39 2.64 0.00	50.51 2.77 0.00	48.80 2.81 0.00	46.65 2.89 0.00	44.41 2.75 0.00	42.80 2.69 0.03	40.13 2.48 0.01	41.53 2.68 0.03	42.45 2.81 0.00	51.87 3.23 1.02	58.80 2.96 0.00	67.71 3.41 0.00	59.03 2.92 0.00	49.04 2.56 0.00	43.22 1.94 0.00	38.96 1.35 0.00
CHAFFEE___LFGE 323603	34.41 -0.45 0.00	31.87 -0.35 0.00	30.72 -0.31 0.00	29.67 -0.24 0.00	30.12 -0.12 0.00	34.24 -0.07 0.00	42.90 0.72 0.00	54.09 -1.05 0.00	50.56 -1.19 0.00	45.98 -1.77 0.00	43.97 -2.02 0.00	41.30 -2.45 0.01	39.36 -2.29 0.01	36.09 -3.97 0.07	34.89 -2.75 0.02	34.72 -4.08 0.07	37.14 -2.50 0.01	40.87 -5.56 3.23	53.44 -2.40 0.00	62.12 -2.19 0.00	53.76 -2.35 0.00	44.39 -2.09 0.00	39.67 -1.61 0.00	37.19 -0.41 0.00
CHATEAUG_35_KV_LOAD 355732	34.51 -0.35 0.00	32.10 -0.13 0.00	31.00 -0.03 0.00	30.06 0.15 0.00	30.58 0.33 0.00	34.76 0.45 0.00	42.82 0.63 0.00	56.08 0.94 0.00	52.42 0.67 0.00	48.32 0.57 0.00	46.55 0.55 0.00	44.11 0.35 0.00	42.12 0.46 0.00	40.50 0.36 0.01	37.99 0.34 0.00	39.10 0.23 0.01	39.76 0.12 0.00	49.40 0.05 0.31	56.51 0.67 0.00	64.82 0.51 0.00	57.18 1.07 0.00	47.42 0.93 0.00	42.47 1.20 0.00	38.81 1.20 0.00
CHATEAUG_WT_PWR 323614	34.41 -0.45 0.00	32.00 -0.22 0.00	30.94 -0.09 0.00	30.00 0.09 0.00	30.52 0.27 0.00	34.66 0.34 0.00	42.73 0.55 0.00	55.97 0.83 0.00	52.32 0.57 0.00	48.22 0.48 0.00	46.45 0.46 0.00	44.07 0.31 0.00	42.08 0.42 0.00	40.45 0.32 0.01	37.95 0.30 0.00	39.02 0.16 0.01	39.68 0.04 0.00	49.22 -0.15 0.29	56.23 0.39 0.00	64.43 0.13 0.00	56.90 0.79 0.00	47.23 0.74 0.00	42.35 1.07 0.00	38.69 1.09 0.00
CHAT_HIGH_FALL_HYD 323578	34.51 -0.35 0.00	32.10 -0.13 0.00	31.00 -0.03 0.00	30.06 0.15 0.00	30.58 0.33 0.00	34.76 0.45 0.00	42.82 0.63 0.00	56.08 0.94 0.00	52.42 0.67 0.00	48.32 0.57 0.00	46.55 0.55 0.00	44.11 0.35 0.00	42.12 0.46 0.00	40.50 0.36 0.01	37.99 0.34 0.00	39.10 0.23 0.01	39.76 0.12 0.00	49.40 0.05 0.31	56.51 0.67 0.00	64.82 0.51 0.00	57.18 1.07 0.00	47.42 0.93 0.00	42.47 1.20 0.00	38.81 1.20 0.00
CHAUTAUQUA___LFGE 323629	34.45 -0.42 0.00	31.84 -0.39 0.00	30.78 -0.25 0.00	29.77 -0.15 0.00	30.25 0.00 0.00	34.42 0.10 0.00	43.07 0.89 0.00	54.32 -0.83 0.00	50.71 -1.03 0.00	46.21 -1.53 0.00	44.25 -1.75 0.00	41.57 -2.19 0.01	39.65 -2.00 0.01	37.25 -2.81 0.08	35.41 -2.22 0.02	36.00 -2.80 0.08	37.41 -2.22 0.01	42.58 -3.87 3.20	53.89 -1.96 0.00	62.57 -1.73 0.00	54.15 -1.97 0.00	44.77 -1.72 0.00	40.17 -1.11 0.00	37.53 -0.08 0.00
CHERRYST_13_KV_LD 356241	36.12 1.26 0.00	33.32 1.10 0.00	32.09 1.06 0.00	30.90 0.99 0.00	31.15 0.91 0.00	35.51 1.20 0.00	44.29 2.11 0.00	57.90 2.76 0.00	54.54 2.79 0.00	50.70 2.96 0.00	48.94 2.94 0.00	46.82 3.06 0.00	44.53 2.87 0.00	42.92 2.81 0.03	40.24 2.60 0.01	41.65 2.80 0.03	42.57 2.93 0.00	52.02 3.38 1.02	58.97 3.13 0.00	67.90 3.60 0.00	59.20 3.09 0.00	49.14 2.65 0.00	43.34 2.06 0.00	39.03 1.43 0.00

CHESTROR_138KV_BK263 355645	35.45 0.59 0.00	32.78 0.55 0.00	31.53 0.50 0.00	30.36 0.45 0.00	30.64 0.39 0.00	34.86 0.55 0.00	43.28 1.10 0.00	56.69 1.54 0.00	53.30 1.55 0.00	49.32 1.58 0.00	47.56 1.56 0.00	45.42 1.66 0.00	43.20 1.54 0.00	41.64 1.53 0.03	39.07 1.43 0.01	40.36 1.52 0.03	41.26 1.63 0.00	50.52 1.89 1.03	57.57 1.73 0.00	66.42 2.12 0.00	57.91 1.80 0.00	47.97 1.49 0.00	42.35 1.07 0.00	38.28 0.68 0.00
CH_MIDHUDSON___DRP 24192	35.77 0.91 0.00	33.07 0.84 0.00	31.81 0.78 0.00	30.63 0.72 0.00	30.88 0.64 0.00	35.17 0.86 0.00	43.62 1.43 0.00	57.18 2.04 0.00	53.76 2.02 0.00	49.80 2.05 0.00	48.06 2.07 0.00	45.90 2.14 0.00	43.70 2.04 0.00	42.16 2.05 0.03	39.49 1.84 0.01	40.83 1.98 0.03	41.74 2.10 0.00	51.12 2.48 1.02	58.13 2.29 0.00	67.00 2.70 0.00	58.41 2.30 0.00	48.44 1.95 0.00	42.76 1.49 0.00	38.58 0.98 0.00
CH_MISC_IPPS 23765	35.84 0.97 0.00	33.10 0.87 0.00	31.87 0.84 0.00	30.69 0.78 0.00	30.94 0.70 0.00	35.24 0.93 0.00	43.79 1.60 0.00	57.63 2.48 0.00	54.18 2.43 0.00	50.13 2.39 0.00	48.34 2.34 0.00	46.12 2.36 0.00	43.86 2.21 0.00	42.32 2.21 0.03	39.68 2.03 0.01	41.02 2.18 0.03	41.89 2.26 0.00	51.42 2.78 1.02	58.52 2.68 0.00	67.52 3.21 0.00	58.92 2.80 0.00	48.81 2.32 0.00	43.05 1.77 0.00	38.84 1.24 0.00
CH_RES_BVR_FALLS 23983	34.37 -0.49 0.00	31.87 -0.35 0.00	30.75 -0.28 0.00	29.71 -0.21 0.00	30.06 -0.18 0.00	34.14 -0.17 0.00	42.02 -0.17 0.00	55.03 -0.11 0.00	51.59 -0.15 0.00	47.60 -0.14 0.00	45.90 -0.09 0.00	43.63 -0.13 0.00	41.58 -0.08 0.00	40.04 -0.08 0.02	37.57 -0.08 0.01	38.78 -0.08 0.02	39.48 -0.16 0.00	48.77 -0.15 0.74	55.79 -0.06 0.00	64.17 -0.13 0.00	56.05 -0.06 0.00	46.49 0.00 0.00	41.32 0.04 0.00	37.68 0.08 0.00
CH_RES_NIAGARA 23895	33.01 -1.85 0.00	30.33 -1.90 0.00	29.33 -1.71 0.00	28.33 -1.59 0.00	28.79 -1.45 0.00	32.63 -1.68 0.00	40.45 -1.73 0.00	50.90 -4.25 0.00	47.56 -4.19 0.00	43.54 -4.20 0.00	41.72 -4.28 0.00	39.29 -4.46 0.01	37.49 -4.17 0.01	35.97 -4.09 0.08	33.90 -3.73 0.02	34.87 -3.93 0.08	35.55 -4.08 0.01	41.00 -5.46 3.20	50.54 -5.30 0.00	58.19 -6.11 0.00	50.50 -5.61 0.00	41.88 -4.60 0.00	37.98 -3.30 0.00	35.31 -2.29 0.00
CH_RES_SYRACUSE 23985	34.72 -0.14 0.00	32.07 -0.16 0.00	30.88 -0.15 0.00	29.74 -0.18 0.00	30.06 -0.18 0.00	34.04 -0.28 0.00	41.76 -0.42 0.00	54.42 -0.72 0.00	51.07 -0.67 0.00	47.03 -0.71 0.00	45.21 -0.78 0.00	42.92 -0.83 0.01	40.86 -0.79 0.01	39.29 -0.79 0.05	36.85 -0.79 0.01	38.05 -0.78 0.05	38.88 -0.75 0.01	47.00 -0.95 1.71	55.06 -0.78 0.00	63.53 -0.77 0.00	55.33 -0.79 0.00	45.79 -0.70 0.00	40.66 -0.62 0.00	37.23 -0.38 0.00
CLINTON_WT_PWR 323605	34.41 -0.45 0.00	32.00 -0.22 0.00	30.94 -0.09 0.00	30.00 0.09 0.00	30.52 0.27 0.00	34.66 0.34 0.00	42.73 0.55 0.00	55.97 0.83 0.00	52.32 0.57 0.00	48.22 0.48 0.00	46.45 0.46 0.00	44.07 0.31 0.00	42.08 0.42 0.00	40.45 0.32 0.01	37.95 0.30 0.00	39.02 0.16 0.01	39.68 0.04 0.00	49.22 -0.15 0.29	56.23 0.39 0.00	64.43 0.13 0.00	56.90 0.79 0.00	47.23 0.74 0.00	42.35 1.07 0.00	38.69 1.09 0.00
CLINTON___LFGE 323618	34.83 -0.03 0.00	32.39 0.16 0.00	31.34 0.31 0.00	30.45 0.54 0.00	31.03 0.79 0.00	35.27 0.96 0.00	43.53 1.35 0.00	57.12 1.98 0.00	53.30 1.55 0.00	49.13 1.39 0.00	47.33 1.33 0.00	44.81 1.05 0.00	42.87 1.21 0.00	41.14 1.00 0.01	38.59 0.94 0.00	39.69 0.82 0.01	40.31 0.67 0.00	49.86 0.50 0.30	57.24 1.40 0.00	65.14 0.83 0.00	57.91 1.80 0.00	48.07 1.58 0.00	43.30 2.02 0.00	39.63 2.03 0.00
COBBLENY_34_KV_TB1 80064	34.41 -0.45 0.00	31.78 -0.45 0.00	30.72 -0.31 0.00	29.68 -0.24 0.00	30.12 -0.12 0.00	34.24 -0.07 0.00	42.90 0.72 0.00	54.09 -1.05 0.00	50.50 -1.24 0.00	45.98 -1.77 0.00	43.97 -2.02 0.00	41.30 -2.45 0.01	39.36 -2.29 0.01	36.54 -3.53 0.07	34.25 -3.39 0.02	34.68 -4.12 0.07	37.13 -2.50 0.01	40.87 -5.56 3.23	53.44 -2.40 0.00	62.12 -2.19 0.00	53.75 -2.36 0.00	44.39 -2.09 0.00	39.79 -1.49 0.00	37.19 -0.41 0.00
COFFEEN___115KV_TB3 355620	35.07 0.21 0.00	32.16 -0.06 0.00	30.97 -0.06 0.00	29.91 0.00 0.00	30.12 -0.12 0.00	34.31 0.00 0.00	42.14 -0.04 0.00	56.19 1.05 0.00	52.26 0.52 0.00	47.60 -0.14 0.00	45.58 -0.41 0.00	43.14 -0.61 0.00	41.07 -0.58 0.00	39.35 -0.76 0.03	36.89 -0.75 0.01	38.14 -0.70 0.03	39.00 -0.63 0.00	48.40 -0.15 1.12	56.73 0.89 0.00	66.30 1.99 0.00	57.91 1.80 0.00	47.93 1.44 0.00	42.27 0.99 0.00	38.39 0.79 0.00
COLDSPRG_115KV_BK1 355956	35.11 0.24 0.00	32.32 0.10 0.00	31.38 0.34 0.00	30.30 0.39 0.00	30.79 0.54 0.00	35.07 0.75 0.00	44.04 1.86 0.00	55.58 0.44 0.00	51.90 0.16 0.00	47.27 -0.48 0.00	45.21 -0.78 0.00	42.48 -1.27 0.01	40.49 -1.17 0.01	37.90 -2.17 0.08	35.53 -2.11 0.02	36.20 -2.60 0.08	38.09 -1.55 0.01	42.80 -3.63 3.24	55.00 -0.84 0.00	63.92 -0.39 0.00	55.33 -0.79 0.00	45.74 -0.74 0.00	41.07 -0.21 0.00	38.28 0.68 0.00
COLONIE_LFGE___ 323577	35.60 0.73 0.00	32.91 0.68 0.00	31.65 0.62 0.00	30.48 0.57 0.00	30.82 0.57 0.00	35.00 0.69 0.00	43.03 0.84 0.00	56.46 1.32 0.00	53.04 1.29 0.00	48.98 1.24 0.00	47.24 1.24 0.00	45.12 1.36 0.00	42.91 1.25 0.00	41.36 1.25 0.03	38.85 1.20 0.01	40.13 1.28 0.03	40.94 1.31 0.00	50.41 1.74 0.99	57.40 1.56 0.00	66.04 1.74 0.00	57.57 1.46 0.00	47.65 1.16 0.00	42.23 0.95 0.00	38.20 0.60 0.00
COOPERNY_115KV_TB1 80082	35.28 0.42 0.00	32.61 0.39 0.00	31.38 0.34 0.00	30.21 0.30 0.00	30.52 0.27 0.00	34.69 0.38 0.00	42.94 0.76 0.00	56.19 1.05 0.00	52.83 1.09 0.00	48.84 1.10 0.00	47.10 1.10 0.00	44.90 1.14 0.00	42.70 1.04 0.00	41.16 1.04 0.03	38.62 0.98 0.01	39.90 1.05 0.03	40.75 1.11 0.00	49.91 1.29 1.04	57.07 1.23 0.00	65.78 1.48 0.00	57.35 1.23 0.00	47.51 1.02 0.00	42.02 0.74 0.00	38.05 0.45 0.00
COPENHAGEN_WT_PWR 323753	34.76 -0.10 0.00	31.94 -0.29 0.00	30.75 -0.28 0.00	29.71 -0.21 0.00	29.94 -0.30 0.00	34.07 -0.24 0.00	41.80 -0.38 0.00	55.58 0.44 0.00	51.85 0.10 0.00	47.31 -0.43 0.00	45.35 -0.64 0.00	42.92 -0.83 0.00	40.91 -0.75 0.00	39.19 -0.92 0.03	36.74 -0.90 0.01	37.99 -0.86 0.03	38.80 -0.83 0.00	48.04 -0.50 1.13	56.18 0.34 0.00	65.52 1.22 0.00	57.23 1.12 0.00	47.32 0.84 0.00	41.81 0.54 0.00	38.02 0.41 0.00
CORNELL_____ 23752	35.39 0.52 0.00	32.65 0.42 0.00	31.44 0.40 0.00	30.27 0.36 0.00	30.61 0.36 0.00	34.72 0.41 0.00	42.82 0.63 0.00	55.86 0.72 0.00	52.26 0.52 0.00	47.94 0.19 0.00	45.95 -0.05 0.00	43.49 -0.26 0.01	41.36 -0.29 0.01	39.73 -0.36 0.06	37.22 -0.41 0.01	38.43 -0.39 0.06	39.44 -0.20 0.01	50.43 -0.15 -0.92	56.40 0.56 0.00	65.20 0.90 0.00	56.78 0.67 0.00	46.95 0.46 0.00	41.69 0.41 0.00	38.09 0.49 0.00

CORONA__69_KV_TB1 355595	36.22 1.36 0.00	33.36 1.13 0.00	32.09 1.06 0.00	30.87 0.96 0.00	31.06 0.82 0.00	35.48 1.17 0.00	44.17 1.98 0.00	57.62 2.48 0.00	54.49 2.74 0.00	50.85 3.10 0.00	49.17 3.17 0.00	47.08 3.33 0.00	44.82 3.17 0.00	43.16 3.05 0.03	40.47 2.82 0.01	41.88 3.03 0.03	42.73 3.09 0.00	52.17 3.53 1.02	58.97 3.13 0.00	67.97 3.67 0.00	59.20 3.09 0.00	49.18 2.70 0.00	43.34 2.06 0.00	39.03 1.43 0.00
CORTLAND__115KV_TB3 80093	35.07 0.21 0.00	32.36 0.13 0.00	31.19 0.16 0.00	30.03 0.12 0.00	30.37 0.12 0.00	34.45 0.14 0.00	42.44 0.25 0.00	55.31 0.17 0.00	51.80 0.05 0.00	47.60 -0.14 0.00	45.72 -0.28 0.00	43.36 -0.39 0.01	41.24 -0.42 0.01	39.61 -0.48 0.06	37.15 -0.49 0.01	38.32 -0.51 0.06	39.28 -0.36 0.01	48.13 -0.45 1.09	55.90 0.06 0.00	64.56 0.26 0.00	56.22 0.11 0.00	46.53 0.05 0.00	41.32 0.04 0.00	37.75 0.15 0.00
COXSACKIE__GT 23611	36.12 1.25 0.00	33.36 1.13 0.00	32.15 1.12 0.00	30.99 1.08 0.00	31.30 1.06 0.00	35.58 1.27 0.00	43.91 1.73 0.00	58.12 2.98 0.00	54.28 2.53 0.00	49.60 1.86 0.00	47.42 1.43 0.00	45.16 1.40 0.00	42.82 1.16 0.00	41.28 1.16 0.03	38.77 1.13 0.01	40.09 1.24 0.03	41.02 1.39 0.00	50.90 2.24 0.99	58.41 2.57 0.00	67.58 3.28 0.00	59.14 3.03 0.00	48.90 2.42 0.00	43.26 1.98 0.00	39.25 1.65 0.00
CPV_VALLEY__CC1 323721	35.28 0.42 0.00	32.58 0.36 0.00	31.38 0.34 0.00	30.21 0.30 0.00	30.49 0.24 0.00	34.69 0.38 0.00	42.98 0.80 0.00	56.30 1.16 0.00	52.94 1.19 0.00	48.98 1.24 0.00	47.28 1.29 0.00	45.12 1.36 0.00	42.91 1.25 0.00	41.36 1.25 0.03	38.85 1.20 0.01	40.09 1.24 0.03	40.98 1.35 0.00	50.17 1.54 1.03	57.18 1.34 0.00	65.91 1.61 0.00	57.46 1.34 0.00	47.65 1.16 0.00	42.10 0.83 0.00	38.05 0.45 0.00
CPV_VALLEY__CC2 323722	35.28 0.42 0.00	32.58 0.36 0.00	31.38 0.34 0.00	30.21 0.30 0.00	30.49 0.24 0.00	34.69 0.38 0.00	42.98 0.80 0.00	56.30 1.16 0.00	52.94 1.19 0.00	48.98 1.24 0.00	47.28 1.29 0.00	45.12 1.36 0.00	42.91 1.25 0.00	41.36 1.25 0.03	38.85 1.20 0.01	40.09 1.24 0.03	40.98 1.35 0.00	50.17 1.54 1.03	57.18 1.34 0.00	65.91 1.61 0.00	57.46 1.34 0.00	47.65 1.16 0.00	42.10 0.83 0.00	38.05 0.45 0.00
CRESCENT__HYD 24018	35.60 0.73 0.00	32.91 0.68 0.00	31.65 0.62 0.00	30.48 0.57 0.00	30.82 0.57 0.00	35.00 0.69 0.00	43.03 0.84 0.00	56.46 1.32 0.00	53.04 1.29 0.00	48.98 1.24 0.00	47.24 1.24 0.00	45.12 1.36 0.00	42.91 1.25 0.00	41.36 1.25 0.03	38.85 1.20 0.01	40.13 1.28 0.03	40.94 1.31 0.00	50.41 1.74 0.99	57.40 1.56 0.00	66.04 1.74 0.00	57.57 1.46 0.00	47.65 1.16 0.00	42.23 0.95 0.00	38.20 0.60 0.00
CRICKET__VALLEY_CC1 323756	35.52 0.66 0.00	32.87 0.64 0.00	31.62 0.59 0.00	30.45 0.54 0.00	30.73 0.48 0.00	34.93 0.62 0.00	43.24 1.06 0.00	56.63 1.49 0.00	53.25 1.50 0.00	49.37 1.62 0.00	47.70 1.70 0.00	45.60 1.84 0.00	43.41 1.75 0.00	41.92 1.81 0.03	39.30 1.65 0.01	40.60 1.75 0.03	41.50 1.86 0.00	50.83 2.18 1.01	57.68 1.84 0.00	66.30 2.00 0.00	57.79 1.68 0.00	47.93 1.44 0.00	42.39 1.11 0.00	38.20 0.60 0.00
CRICKET__VALLEY_CC2 323757	35.52 0.66 0.00	32.87 0.64 0.00	31.62 0.59 0.00	30.45 0.54 0.00	30.73 0.48 0.00	34.93 0.62 0.00	43.24 1.06 0.00	56.63 1.49 0.00	53.25 1.50 0.00	49.37 1.62 0.00	47.70 1.70 0.00	45.60 1.84 0.00	43.41 1.75 0.00	41.92 1.81 0.03	39.30 1.65 0.01	40.60 1.75 0.03	41.50 1.86 0.00	50.83 2.18 1.01	57.68 1.84 0.00	66.30 2.00 0.00	57.79 1.68 0.00	47.93 1.44 0.00	42.39 1.11 0.00	38.20 0.60 0.00
CRICKET__VALLEY_CC3 323758	35.52 0.66 0.00	32.87 0.64 0.00	31.62 0.59 0.00	30.45 0.54 0.00	30.73 0.48 0.00	34.93 0.62 0.00	43.24 1.06 0.00	56.63 1.49 0.00	53.25 1.50 0.00	49.37 1.62 0.00	47.70 1.70 0.00	45.60 1.84 0.00	43.41 1.75 0.00	41.92 1.81 0.03	39.30 1.65 0.01	40.60 1.75 0.03	41.50 1.86 0.00	50.83 2.18 1.01	57.68 1.84 0.00	66.30 2.00 0.00	57.79 1.68 0.00	47.93 1.44 0.00	42.39 1.11 0.00	38.20 0.60 0.00
CRUCIBLE__METL_DRP 24180	34.72 -0.14 0.00	32.03 -0.19 0.00	30.88 -0.16 0.00	29.74 -0.18 0.00	30.06 -0.18 0.00	34.04 -0.27 0.00	41.76 -0.42 0.00	54.43 -0.72 0.00	51.07 -0.67 0.00	47.03 -0.72 0.00	45.21 -0.78 0.00	42.92 -0.83 0.01	40.86 -0.79 0.01	39.29 -0.80 0.05	36.85 -0.79 0.01	38.05 -0.78 0.05	38.88 -0.75 0.01	47.00 -0.94 1.71	55.06 -0.78 0.00	63.53 -0.77 0.00	55.33 -0.79 0.00	45.79 -0.70 0.00	40.70 -0.58 0.00	37.23 -0.38 0.00
DAHOWA__HYDRO 323763	36.05 1.19 0.00	33.32 1.10 0.00	32.03 0.99 0.00	30.84 0.93 0.00	31.18 0.94 0.00	35.44 1.13 0.00	43.36 1.18 0.00	57.07 1.93 0.00	53.61 1.86 0.00	49.32 1.57 0.00	47.47 1.47 0.00	45.29 1.53 0.00	42.91 1.25 0.00	41.32 1.20 0.03	38.88 1.24 0.01	40.13 1.28 0.03	40.90 1.27 0.00	50.50 1.84 1.00	57.79 1.95 0.00	66.88 2.57 0.00	58.07 1.96 0.00	48.02 1.53 0.00	42.60 1.32 0.00	38.47 0.87 0.00
DANC__LFGE 323619	34.48 -0.38 0.00	31.75 -0.48 0.00	30.57 -0.46 0.00	29.50 -0.42 0.00	29.73 -0.51 0.00	33.76 -0.55 0.00	41.43 -0.76 0.00	54.70 -0.44 0.00	51.07 -0.67 0.00	46.74 -1.00 0.00	44.85 -1.15 0.00	42.53 -1.23 0.00	40.49 -1.17 0.00	38.86 -1.24 0.04	36.44 -1.21 0.01	37.68 -1.17 0.04	38.48 -1.15 0.00	47.39 -1.09 1.18	55.28 -0.56 0.00	64.17 -0.13 0.00	56.00 -0.11 0.00	46.35 -0.14 0.00	41.07 -0.21 0.00	37.45 -0.15 0.00
DANSKAMMER__1 23586	35.84 0.97 0.00	33.10 0.87 0.00	31.87 0.84 0.00	30.69 0.78 0.00	30.94 0.70 0.00	35.24 0.93 0.00	43.79 1.60 0.00	57.63 2.48 0.00	54.18 2.43 0.00	50.13 2.39 0.00	48.34 2.34 0.00	46.12 2.36 0.00	43.86 2.21 0.00	42.32 2.21 0.03	39.68 2.03 0.01	41.02 2.18 0.03	41.89 2.26 0.00	51.42 2.78 1.02	58.52 2.68 0.00	67.52 3.21 0.00	58.92 2.80 0.00	48.81 2.32 0.00	43.05 1.77 0.00	38.84 1.24 0.00
DANSKAMMER__2 23589	35.84 0.97 0.00	33.10 0.87 0.00	31.87 0.84 0.00	30.69 0.78 0.00	30.94 0.70 0.00	35.24 0.93 0.00	43.79 1.60 0.00	57.63 2.48 0.00	54.18 2.43 0.00	50.13 2.39 0.00	48.34 2.34 0.00	46.12 2.36 0.00	43.86 2.21 0.00	42.32 2.21 0.03	39.68 2.03 0.01	41.02 2.18 0.03	41.89 2.26 0.00	51.42 2.78 1.02	58.52 2.68 0.00	67.52 3.21 0.00	58.92 2.80 0.00	48.81 2.32 0.00	43.05 1.77 0.00	38.84 1.24 0.00
DANSKAMMER__3 23590	35.84 0.97 0.00	33.10 0.87 0.00	31.87 0.84 0.00	30.69 0.78 0.00	30.94 0.70 0.00	35.24 0.93 0.00	43.79 1.60 0.00	57.63 2.48 0.00	54.18 2.43 0.00	50.13 2.39 0.00	48.34 2.34 0.00	46.12 2.36 0.00	43.86 2.21 0.00	42.32 2.21 0.03	39.68 2.03 0.01	41.02 2.18 0.03	41.89 2.26 0.00	51.42 2.78 1.02	58.52 2.68 0.00	67.52 3.21 0.00	58.92 2.80 0.00	48.81 2.32 0.00	43.05 1.77 0.00	38.84 1.24 0.00

DANSKAMMER___4 23591	35.84 0.97 0.00	33.10 0.87 0.00	31.87 0.84 0.00	30.69 0.78 0.00	30.94 0.70 0.00	35.24 0.93 0.00	43.79 1.60 0.00	57.63 2.48 0.00	54.18 2.43 0.00	50.13 2.39 0.00	48.34 2.34 0.00	46.12 2.36 0.00	43.86 2.21 0.00	42.32 2.21 0.03	39.68 2.03 0.01	41.02 2.18 0.03	41.89 2.26 0.00	51.42 2.78 1.02	58.52 2.68 0.00	67.52 3.21 0.00	58.92 2.80 0.00	48.81 2.32 0.00	43.05 1.77 0.00	38.84 1.24 0.00
DANSKAMMER___DIESEL 23592	35.84 0.98 0.00	33.13 0.90 0.00	31.87 0.84 0.00	30.69 0.78 0.00	30.94 0.70 0.00	35.24 0.93 0.00	43.79 1.60 0.00	57.62 2.48 0.00	54.23 2.48 0.00	50.13 2.39 0.00	48.34 2.35 0.00	46.12 2.36 0.00	43.87 2.21 0.00	42.32 2.21 0.03	39.68 2.03 0.01	41.02 2.18 0.03	41.90 2.26 0.00	51.42 2.78 1.02	58.52 2.68 0.00	67.52 3.22 0.00	58.92 2.81 0.00	48.76 2.28 0.00	43.01 1.73 0.00	38.84 1.24 0.00
DARBY___SOLAR 323810	35.94 1.08 0.00	33.26 1.03 0.00	31.96 0.93 0.00	30.78 0.87 0.00	31.12 0.88 0.00	35.38 1.06 0.00	43.32 1.14 0.00	56.96 1.82 0.00	53.51 1.76 0.00	49.27 1.53 0.00	47.42 1.43 0.00	45.25 1.49 0.00	42.87 1.21 0.00	41.28 1.16 0.03	38.85 1.20 0.01	40.13 1.28 0.03	40.90 1.27 0.00	50.45 1.79 1.00	57.74 1.90 0.00	66.68 2.38 0.00	58.02 1.91 0.00	47.97 1.49 0.00	42.56 1.28 0.00	38.43 0.83 0.00
DASHVILLE___HYD 23610	35.70 0.84 0.00	33.00 0.77 0.00	31.78 0.74 0.00	30.57 0.66 0.00	30.85 0.60 0.00	35.10 0.79 0.00	43.58 1.39 0.00	57.13 1.99 0.00	53.66 1.91 0.00	49.61 1.86 0.00	47.83 1.84 0.00	45.64 1.88 0.00	43.41 1.75 0.00	41.92 1.81 0.03	39.26 1.62 0.01	40.60 1.75 0.03	41.50 1.86 0.00	50.88 2.23 1.02	57.96 2.12 0.00	66.81 2.51 0.00	58.36 2.24 0.00	48.39 1.91 0.00	42.72 1.44 0.00	38.65 1.05 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	35.91 1.05 0.00	32.90 0.68 0.00	31.59 0.56 0.00	30.27 0.36 0.00	30.31 0.06 0.00	34.62 0.31 0.00	43.37 1.18 0.00	56.96 1.82 0.00	54.70 2.95 0.00	51.23 3.49 0.00	48.66 2.67 0.00	46.86 3.11 0.00	44.82 3.17 0.00	43.20 3.09 0.03	40.28 2.64 0.01	41.33 2.49 0.03	41.78 2.14 0.00	51.02 2.38 1.02	57.68 1.84 0.00	66.94 2.64 0.00	58.13 2.02 0.00	47.83 1.35 0.00	41.94 0.66 0.00	37.94 0.34 0.00
DELAWARE___LFGE 323621	35.56 0.70 0.00	32.81 0.58 0.00	31.56 0.53 0.00	30.42 0.51 0.00	30.73 0.48 0.00	34.93 0.62 0.00	43.15 0.97 0.00	56.52 1.38 0.00	53.09 1.35 0.00	48.94 1.19 0.00	47.10 1.10 0.00	44.76 1.01 0.01	42.61 0.96 0.01	40.94 0.84 0.05	38.43 0.79 0.01	39.69 0.86 0.05	40.59 0.95 0.01	49.25 1.14 1.55	57.24 1.40 0.00	65.97 1.67 0.00	57.51 1.40 0.00	47.65 1.16 0.00	42.19 0.91 0.00	38.32 0.71 0.00
DERFIELD_115KV_TB7 355931	34.97 0.10 0.00	32.32 0.10 0.00	31.13 0.09 0.00	30.00 0.09 0.00	30.31 0.06 0.00	34.38 0.07 0.00	42.27 0.08 0.00	55.36 0.22 0.00	51.95 0.21 0.00	47.98 0.24 0.00	46.22 0.23 0.00	44.02 0.26 0.00	41.91 0.25 0.00	40.35 0.24 0.04	37.87 0.23 0.01	39.07 0.23 0.04	39.87 0.24 0.00	48.82 0.35 1.19	56.12 0.28 0.00	64.69 0.39 0.00	56.45 0.34 0.00	46.76 0.28 0.00	41.48 0.21 0.00	37.71 0.11 0.00
DOGLEVILLE___HYD 23807	34.30 -0.56 0.00	31.65 -0.58 0.00	30.44 -0.59 0.00	29.32 -0.60 0.00	29.58 -0.67 0.00	33.52 -0.79 0.00	41.22 -0.97 0.00	54.15 -0.99 0.00	50.87 -0.88 0.00	46.93 -0.81 0.00	45.21 -0.78 0.00	43.01 -0.74 0.00	40.86 -0.79 0.00	39.34 -0.76 0.04	36.93 -0.72 0.01	38.10 -0.74 0.04	38.92 -0.71 0.00	47.72 -0.74 1.19	54.95 -0.90 0.00	63.46 -0.84 0.00	55.38 -0.73 0.00	45.98 -0.51 0.00	40.78 -0.49 0.00	37.08 -0.53 0.00
DUNKIRK___115KV_TB_200 55889	34.41 -0.45 0.00	31.71 -0.52 0.00	30.75 -0.28 0.00	29.74 -0.18 0.00	30.21 -0.03 0.00	34.38 0.07 0.00	42.99 0.80 0.00	54.20 -0.94 0.00	50.61 -1.14 0.00	46.17 -1.58 0.00	44.20 -1.79 0.00	41.52 -2.23 0.01	39.61 -2.04 0.01	37.46 -2.61 0.08	35.15 -2.48 0.02	35.96 -2.84 0.08	37.37 -2.26 0.01	42.54 -3.92 3.20	53.77 -2.07 0.00	62.44 -1.86 0.00	54.09 -2.02 0.00	44.72 -1.77 0.00	40.25 -1.03 0.00	37.45 -0.15 0.00
DUNKIRK___1 23563	34.41 -0.45 0.00	31.71 -0.52 0.00	30.75 -0.28 0.00	29.74 -0.18 0.00	30.21 -0.03 0.00	34.38 0.07 0.00	42.99 0.80 0.00	54.20 -0.94 0.00	50.61 -1.14 0.00	46.17 -1.58 0.00	44.20 -1.79 0.00	41.52 -2.23 0.01	39.61 -2.04 0.01	37.46 -2.61 0.08	35.15 -2.48 0.02	35.96 -2.84 0.08	37.37 -2.26 0.01	42.54 -3.92 3.20	53.77 -2.07 0.00	62.44 -1.86 0.00	54.09 -2.02 0.00	44.72 -1.77 0.00	40.25 -1.03 0.00	37.45 -0.15 0.00
DUNKIRK___2 23564	34.41 -0.45 0.00	31.71 -0.52 0.00	30.75 -0.28 0.00	29.74 -0.18 0.00	30.21 -0.03 0.00	34.38 0.07 0.00	42.99 0.80 0.00	54.20 -0.94 0.00	50.61 -1.14 0.00	46.17 -1.58 0.00	44.20 -1.79 0.00	41.52 -2.23 0.01	39.61 -2.04 0.01	37.46 -2.61 0.08	35.15 -2.48 0.02	35.96 -2.84 0.08	37.37 -2.26 0.01	42.54 -3.92 3.20	53.77 -2.07 0.00	62.44 -1.86 0.00	54.09 -2.02 0.00	44.72 -1.77 0.00	40.25 -1.03 0.00	37.45 -0.15 0.00
DUNKIRK___3 23565	34.27 -0.59 0.00	31.58 -0.64 0.00	30.60 -0.43 0.00	29.59 -0.33 0.00	30.03 -0.21 0.00	34.17 -0.14 0.00	42.69 0.51 0.00	53.82 -1.32 0.00	50.25 -1.50 0.00	45.88 -1.86 0.00	43.92 -2.07 0.00	41.26 -2.49 0.01	39.36 -2.29 0.01	37.26 -2.81 0.08	35.00 -2.64 0.02	35.77 -3.03 0.08	37.17 -2.46 0.01	42.29 -4.17 3.19	53.44 -2.40 0.00	61.99 -2.31 0.00	53.70 -2.41 0.00	44.39 -2.09 0.00	39.96 -1.32 0.00	37.19 -0.41 0.00
DUNKIRK___4 23566	34.27 -0.59 0.00	31.58 -0.64 0.00	30.60 -0.43 0.00	29.59 -0.33 0.00	30.03 -0.21 0.00	34.17 -0.14 0.00	42.69 0.51 0.00	53.82 -1.32 0.00	50.25 -1.50 0.00	45.88 -1.86 0.00	43.92 -2.07 0.00	41.26 -2.49 0.01	39.36 -2.29 0.01	37.26 -2.81 0.08	35.00 -2.64 0.02	35.77 -3.03 0.08	37.17 -2.46 0.01	42.29 -4.17 3.19	53.44 -2.40 0.00	61.99 -2.31 0.00	53.70 -2.41 0.00	44.39 -2.09 0.00	39.96 -1.32 0.00	37.19 -0.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.94 1.08 0.00	33.20 0.97 0.00	31.93 0.90 0.00	30.75 0.84 0.00	31.00 0.76 0.00	35.31 1.00 0.00	43.96 1.77 0.00	57.51 2.37 0.00	54.13 2.38 0.00	50.27 2.53 0.00	48.52 2.53 0.00	46.38 2.63 0.00	44.16 2.50 0.00	42.56 2.45 0.03	39.90 2.26 0.01	41.30 2.45 0.03	42.17 2.54 0.00	51.57 2.93 1.02	58.52 2.68 0.00	67.45 3.15 0.00	58.75 2.64 0.00	48.76 2.28 0.00	43.01 1.73 0.00	38.77 1.17 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.63 0.77 0.00	32.94 0.71 0.00	31.69 0.65 0.00	30.48 0.57 0.00	30.76 0.51 0.00	35.03 0.72 0.00	43.49 1.31 0.00	57.07 1.93 0.00	53.71 1.97 0.00	49.70 1.96 0.00	47.88 1.89 0.00	45.73 1.97 0.00	43.49 1.83 0.00	41.92 1.81 0.03	39.30 1.66 0.01	40.63 1.79 0.03	41.54 1.90 0.00	50.92 2.28 1.02	57.96 2.12 0.00	66.87 2.57 0.00	58.36 2.24 0.00	48.35 1.86 0.00	42.64 1.36 0.00	38.50 0.90 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.13 1.26 -0.01	33.26 1.03 0.00	32.16 1.12 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.38 1.06 0.00	44.16 1.98 0.01	57.62 2.48 0.00	54.28 2.54 0.00	50.51 2.77 0.01	48.75 2.76 0.01	46.64 2.89 0.01	44.36 2.71 0.01	42.75 2.65 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.76 3.13 1.03	58.63 2.79 0.00	67.45 3.15 0.00	58.86 2.75 0.00	49.03 2.56 0.01	43.21 1.94 0.01	38.92 1.32 0.00
E179THST_13_KV_LOAD 356214	36.23 1.36 -0.01	33.39 1.16 0.00	32.28 1.24 -0.01	31.06 1.14 -0.01	31.31 1.06 -0.01	35.48 1.17 0.00	44.37 2.19 0.01	57.84 2.70 0.00	54.54 2.79 0.00	50.70 2.96 0.01	48.98 2.99 0.01	46.81 3.06 0.01	44.57 2.92 0.01	42.96 2.85 0.04	40.27 2.64 0.02	41.68 2.84 0.04	42.60 2.97 0.01	52.01 3.38 1.03	58.91 3.07 0.00	67.77 3.47 0.00	59.14 3.03 0.00	49.27 2.79 0.01	43.38 2.11 0.01	39.11 1.50 0.00
EAST HAMPTON___GT 23717	35.56 0.70 0.00	32.55 0.32 0.00	31.07 0.03 0.00	29.97 0.06 0.00	30.00 -0.24 0.00	34.31 0.00 0.00	42.94 0.76 0.00	55.91 0.77 0.00	54.44 2.69 0.00	51.04 3.29 0.00	48.52 2.53 0.00	46.82 3.06 0.00	44.99 3.33 0.00	43.36 3.25 0.03	40.32 2.67 0.01	41.10 2.25 0.03	41.30 1.66 0.00	50.43 1.79 1.02	57.02 1.17 0.00	66.36 2.06 0.00	57.63 1.52 0.00	47.32 0.84 0.00	41.44 0.17 0.00	37.64 0.04 0.00
EAST RIVER___6 23660	36.08 1.22 0.00	33.26 1.03 0.00	32.06 1.02 0.00	30.87 0.96 0.00	31.12 0.88 0.00	35.48 1.17 0.00	44.25 2.07 0.00	57.84 2.70 0.00	54.49 2.74 0.00	50.66 2.91 0.00	48.89 2.90 0.00	46.73 2.98 0.00	44.49 2.83 0.00	42.88 2.77 0.03	40.24 2.60 0.01	41.61 2.76 0.03	42.53 2.89 0.00	51.97 3.33 1.02	58.91 3.07 0.00	67.77 3.47 0.00	59.08 2.97 0.00	49.13 2.65 0.00	43.34 2.06 0.00	39.03 1.43 0.00
EAST RIVER___7 23524	36.08 1.22 0.00	33.26 1.03 0.00	32.06 1.02 0.00	30.87 0.96 0.00	31.12 0.88 0.00	35.48 1.17 0.00	44.25 2.07 0.00	57.84 2.70 0.00	54.49 2.74 0.00	50.66 2.91 0.00	48.89 2.90 0.00	46.73 2.98 0.00	44.49 2.83 0.00	42.88 2.77 0.03	40.24 2.60 0.01	41.61 2.76 0.03	42.53 2.89 0.00	51.97 3.33 1.02	58.91 3.07 0.00	67.77 3.47 0.00	59.08 2.97 0.00	49.13 2.65 0.00	43.34 2.06 0.00	39.03 1.43 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.87 1.01 0.00	33.13 0.90 0.00	31.90 0.87 0.00	30.69 0.78 0.00	30.94 0.70 0.00	35.24 0.93 0.00	43.83 1.65 0.00	57.40 2.26 0.00	54.02 2.28 0.00	50.18 2.43 0.00	48.43 2.44 0.00	46.25 2.49 0.00	44.03 2.37 0.00	42.44 2.33 0.03	39.79 2.15 0.01	41.18 2.33 0.03	42.05 2.42 0.00	51.42 2.78 1.02	58.47 2.62 0.00	67.32 3.02 0.00	58.69 2.58 0.00	48.67 2.18 0.00	42.93 1.65 0.00	38.69 1.09 0.00
EAST_HAMPTON___DIESEL 23722	35.49 0.63 0.00	32.48 0.26 0.00	31.00 -0.03 0.00	29.91 0.00 0.00	29.94 -0.30 0.00	34.24 -0.07 0.00	42.86 0.67 0.00	55.81 0.66 0.00	54.33 2.59 0.00	50.94 3.20 0.00	48.43 2.44 0.00	46.78 3.02 0.00	44.95 3.29 0.00	43.36 3.25 0.03	40.28 2.63 0.01	41.02 2.18 0.03	41.22 1.59 0.00	50.33 1.69 1.02	56.90 1.06 0.00	66.17 1.87 0.00	57.51 1.40 0.00	47.18 0.70 0.00	41.36 0.08 0.00	37.56 -0.04 0.00
EAST_POINT___SOLAR 323840	37.06 2.20 0.00	34.26 2.03 0.00	32.86 1.83 0.00	31.62 1.70 0.00	32.03 1.78 0.00	36.51 2.20 0.00	45.31 3.12 0.00	59.45 4.30 0.00	54.54 2.79 0.00	49.08 1.33 0.00	46.55 0.55 0.00	44.15 0.39 0.00	42.32 0.66 0.00	40.75 0.64 0.03	38.66 1.02 0.01	40.24 1.40 0.03	41.46 1.82 0.00	51.81 3.23 1.08	60.03 4.19 0.00	69.83 5.53 0.00	60.60 4.49 0.00	50.25 3.76 0.00	44.41 3.14 0.00	40.12 2.52 0.00
EAST_PULASKI___ESR 323781	34.34 -0.52 0.00	31.68 -0.55 0.00	30.48 -0.56 0.00	29.38 -0.54 0.00	29.64 -0.60 0.00	33.63 -0.69 0.00	41.17 -1.01 0.00	53.98 -1.16 0.00	50.56 -1.19 0.00	46.41 -1.34 0.00	44.57 -1.43 0.00	42.31 -1.44 0.00	40.24 -1.42 0.00	38.71 -1.41 0.03	36.29 -1.35 0.01	37.49 -1.36 0.03	38.29 -1.35 0.00	47.18 -1.49 1.00	54.56 -1.28 0.00	63.15 -1.16 0.00	55.04 -1.07 0.00	45.51 -0.98 0.00	40.41 -0.87 0.00	36.96 -0.64 0.00
EAST_RIVER___1 323558	36.05 1.19 0.00	33.23 1.00 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.41 1.10 0.00	44.17 1.98 0.00	57.73 2.59 0.00	54.38 2.64 0.00	50.51 2.77 0.00	48.80 2.81 0.00	46.64 2.89 0.00	44.41 2.75 0.00	42.80 2.69 0.03	40.17 2.52 0.01	41.53 2.68 0.03	42.45 2.81 0.00	51.87 3.23 1.02	58.80 2.96 0.00	67.71 3.41 0.00	59.03 2.92 0.00	49.04 2.56 0.00	43.26 1.98 0.00	38.95 1.35 0.00
EAST_RIVER___2 323559	36.08 1.22 0.00	33.26 1.03 0.00	32.06 1.02 0.00	30.87 0.96 0.00	31.12 0.88 0.00	35.48 1.17 0.00	44.25 2.07 0.00	57.84 2.70 0.00	54.49 2.74 0.00	50.66 2.91 0.00	48.89 2.90 0.00	46.73 2.98 0.00	44.49 2.83 0.00	42.88 2.77 0.03	40.24 2.60 0.01	41.61 2.76 0.03	42.53 2.89 0.00	51.97 3.33 1.02	58.91 3.07 0.00	67.77 3.47 0.00	59.08 2.97 0.00	49.13 2.65 0.00	43.34 2.06 0.00	39.03 1.43 0.00
EAST___DELAWARE_HYD 23607	35.35 0.49 0.00	32.65 0.42 0.00	31.44 0.40 0.00	30.27 0.36 0.00	30.52 0.27 0.00	34.79 0.48 0.00	43.20 1.01 0.00	56.85 1.71 0.00	53.40 1.66 0.00	49.32 1.57 0.00	47.51 1.52 0.00	45.29 1.53 0.00	43.03 1.37 0.00	41.48 1.37 0.03	38.88 1.24 0.01	40.21 1.36 0.03	41.14 1.51 0.00	50.52 1.89 1.03	57.68 1.84 0.00	66.55 2.25 0.00	58.19 2.08 0.00	48.16 1.67 0.00	42.48 1.20 0.00	38.39 0.79 0.00
EIGHT_POINT___WT_PWR 323820	34.45 -0.42 0.00	31.87 -0.35 0.00	30.69 -0.34 0.00	29.56 -0.36 0.00	29.85 -0.39 0.00	33.87 -0.45 0.00	41.89 -0.29 0.00	53.60 -1.54 0.00	49.89 -1.86 0.00	45.45 -2.29 0.00	43.37 -2.62 0.00	40.95 -2.80 0.01	38.90 -2.75 0.01	36.82 -3.25 0.07	34.81 -2.82 0.02	35.74 -3.07 0.07	36.74 -2.89 0.01	42.02 -3.87 3.77	53.33 -2.51 0.00	62.18 -2.12 0.00	54.09 -2.02 0.00	44.81 -1.67 0.00	39.96 -1.32 0.00	36.93 -0.68 0.00
ELBRIDGE_115KV_TB2 80188	34.55 -0.31 0.00	31.91 -0.32 0.00	30.72 -0.31 0.00	29.59 -0.33 0.00	29.94 -0.30 0.00	33.90 -0.41 0.00	41.59 -0.59 0.00	54.20 -0.94 0.00	50.76 -0.98 0.00	46.74 -1.00 0.00	44.94 -1.06 0.00	42.66 -1.09 0.01	40.57 -1.08 0.01	39.05 -1.04 0.05	36.62 -1.02 0.01	37.82 -1.01 0.05	38.64 -0.99 0.01	46.82 -1.19 1.65	54.72 -1.12 0.00	63.14 -1.16 0.00	54.99 -1.12 0.00	45.51 -0.98 0.00	40.45 -0.83 0.00	37.04 -0.56 0.00
ELEC_TRO_TEK 24086	36.05 1.19 0.00	33.20 0.97 0.00	31.93 0.90 0.00	30.72 0.81 0.00	30.94 0.70 0.00	35.31 1.00 0.00	43.96 1.77 0.00	57.35 2.21 0.00	54.23 2.48 0.00	50.61 2.86 0.00	48.94 2.94 0.00	46.86 3.11 0.00	44.62 2.96 0.00	42.96 2.85 0.03	40.28 2.64 0.01	41.68 2.84 0.03	42.53 2.89 0.00	51.92 3.28 1.02	58.69 2.85 0.00	67.65 3.34 0.00	58.92 2.81 0.00	48.90 2.42 0.00	43.14 1.86 0.00	38.84 1.24 0.00

ELLENBURG_WT_PWR 323604	34.41 -0.45 0.00	32.00 -0.22 0.00	30.94 -0.09 0.00	30.00 0.09 0.00	30.52 0.27 0.00	34.66 0.34 0.00	42.73 0.55 0.00	55.97 0.83 0.00	52.32 0.57 0.00	48.22 0.48 0.00	46.45 0.46 0.00	44.07 0.31 0.00	42.08 0.42 0.00	40.45 0.32 0.01	37.95 0.30 0.00	39.02 0.16 0.01	39.68 0.04 0.00	49.22 -0.15 0.29	56.23 0.39 0.00	64.43 0.13 0.00	56.90 0.79 0.00	47.23 0.74 0.00	42.35 1.07 0.00	38.69 1.09 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.78 -1.08 0.00	31.04 -1.19 0.00	30.04 -0.99 0.00	29.02 -0.90 0.00	29.49 -0.76 0.00	33.45 -0.86 0.00	41.64 -0.55 0.00	52.50 -2.65 0.00	48.95 -2.79 0.00	44.78 -2.96 0.00	42.87 -3.13 0.00	40.38 -3.37 0.01	38.53 -3.12 0.01	36.69 -3.37 0.08	34.55 -3.09 0.02	35.42 -3.38 0.08	36.50 -3.13 0.01	41.75 -4.72 3.19	52.16 -3.69 0.00	60.19 -4.12 0.00	52.18 -3.93 0.00	43.23 -3.25 0.00	39.05 -2.23 0.00	36.32 -1.28 0.00
EMPIRE_CC_1 323656	35.28 0.42 0.00	32.62 0.39 0.00	31.38 0.34 0.00	30.24 0.33 0.00	30.55 0.30 0.00	34.66 0.34 0.00	42.44 0.25 0.00	55.64 0.50 0.00	52.21 0.46 0.00	48.36 0.62 0.00	46.68 0.69 0.00	44.59 0.83 0.00	42.45 0.79 0.00	41.00 0.88 0.03	38.47 0.83 0.01	39.70 0.85 0.03	40.55 0.91 0.00	49.82 1.14 0.99	56.57 0.72 0.00	64.95 0.64 0.00	56.67 0.56 0.00	47.05 0.56 0.00	41.69 0.41 0.00	37.83 0.23 0.00
EMPIRE_CC_2 323658	35.28 0.42 0.00	32.62 0.39 0.00	31.38 0.34 0.00	30.24 0.33 0.00	30.55 0.30 0.00	34.66 0.34 0.00	42.44 0.25 0.00	55.64 0.50 0.00	52.21 0.46 0.00	48.36 0.62 0.00	46.68 0.69 0.00	44.59 0.83 0.00	42.45 0.79 0.00	41.00 0.88 0.03	38.47 0.83 0.01	39.70 0.85 0.03	40.55 0.91 0.00	49.82 1.14 0.99	56.57 0.72 0.00	64.95 0.64 0.00	56.67 0.56 0.00	47.05 0.56 0.00	41.69 0.41 0.00	37.83 0.23 0.00
ENORWICH_115KV_TB1 80156	36.95 2.09 0.00	33.90 1.68 0.00	32.59 1.55 0.00	31.41 1.50 0.00	31.64 1.39 0.00	35.99 1.68 0.00	44.34 2.15 0.00	58.67 3.53 0.00	54.75 3.00 0.00	49.89 2.15 0.00	47.65 1.66 0.00	44.89 1.14 0.01	42.70 1.04 0.01	40.77 0.68 0.05	38.24 0.60 0.01	39.45 0.62 0.05	40.55 0.91 0.01	50.39 1.59 0.86	58.86 3.02 0.00	68.42 4.12 0.00	59.65 3.53 0.00	49.37 2.88 0.00	43.63 2.35 0.00	39.78 2.18 0.00
ERIE_ST__34_KV_TB1-2 80199	34.37 -0.49 0.00	31.65 -0.58 0.00	30.63 -0.40 0.00	29.59 -0.33 0.00	30.03 -0.21 0.00	34.11 -0.21 0.00	42.56 0.38 0.00	53.60 -1.54 0.00	50.14 -1.60 0.00	45.79 -1.96 0.00	43.83 -2.16 0.00	41.26 -2.49 0.01	39.36 -2.29 0.01	36.93 -3.13 0.08	34.70 -2.94 0.02	35.34 -3.46 0.08	37.21 -2.42 0.01	41.65 -4.82 3.20	53.33 -2.51 0.00	61.73 -2.57 0.00	53.47 -2.64 0.00	44.21 -2.28 0.00	39.83 -1.44 0.00	37.08 -0.53 0.00
ERIE_WT_PWR 323693	34.03 -0.84 0.00	31.42 -0.80 0.00	30.29 -0.75 0.00	29.26 -0.66 0.00	29.73 -0.51 0.00	33.73 -0.58 0.00	42.06 -0.13 0.00	52.99 -2.15 0.00	49.58 -2.17 0.00	45.26 -2.48 0.00	43.33 -2.67 0.00	40.82 -2.93 0.01	38.90 -2.75 0.01	36.69 -3.37 0.08	34.89 -2.75 0.02	35.49 -3.30 0.08	36.82 -2.81 0.01	41.85 -4.62 3.20	52.60 -3.24 0.00	60.83 -3.47 0.00	52.75 -3.37 0.00	43.65 -2.84 0.00	39.26 -2.02 0.00	36.70 -0.90 0.00
ESPRGFLD_115KV_TB1 80157	36.47 1.60 0.00	33.61 1.39 0.00	32.28 1.24 0.00	31.11 1.20 0.00	31.42 1.18 0.00	35.82 1.51 0.00	44.38 2.19 0.00	58.23 3.09 0.00	54.39 2.64 0.00	49.70 1.96 0.00	47.65 1.66 0.00	45.20 1.44 0.00	43.03 1.37 0.00	41.31 1.20 0.04	38.88 1.24 0.01	40.20 1.36 0.04	41.22 1.59 0.00	50.66 2.23 1.23	58.86 3.02 0.00	68.16 3.86 0.00	59.31 3.20 0.00	49.18 2.70 0.00	43.47 2.19 0.00	39.44 1.84 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.32 0.45 0.00	32.58 0.35 0.00	31.38 0.34 0.00	30.24 0.33 0.00	30.58 0.33 0.00	34.69 0.38 0.00	42.73 0.55 0.00	55.75 0.61 0.00	52.16 0.41 0.00	47.89 0.14 0.00	45.86 -0.14 0.00	43.45 -0.31 0.01	41.32 -0.33 0.01	39.69 -0.40 0.06	37.19 -0.45 0.01	38.39 -0.43 0.06	39.40 -0.24 0.01	49.84 -0.20 -0.38	56.29 0.45 0.00	65.07 0.77 0.00	56.67 0.56 0.00	46.90 0.42 0.00	41.61 0.33 0.00	38.02 0.41 0.00
ETNA____115KV_TB2 80207	35.32 0.45 0.00	32.58 0.35 0.00	31.38 0.34 0.00	30.24 0.33 0.00	30.58 0.33 0.00	34.69 0.38 0.00	42.73 0.55 0.00	55.75 0.61 0.00	52.16 0.41 0.00	47.89 0.14 0.00	45.86 -0.14 0.00	43.45 -0.31 0.01	41.32 -0.33 0.01	39.69 -0.40 0.06	37.19 -0.45 0.01	38.39 -0.43 0.06	39.40 -0.24 0.01	49.84 -0.20 -0.38	56.29 0.45 0.00	65.07 0.77 0.00	56.67 0.56 0.00	46.90 0.42 0.00	41.61 0.33 0.00	38.02 0.41 0.00
EUCLID__115KV_TB2 356179	34.37 -0.49 0.00	31.71 -0.52 0.00	30.54 -0.50 0.00	29.41 -0.51 0.00	29.76 -0.48 0.00	33.69 -0.62 0.00	41.26 -0.93 0.00	53.71 -1.43 0.00	50.40 -1.35 0.00	46.41 -1.34 0.00	44.66 -1.33 0.00	42.40 -1.36 0.01	40.32 -1.33 0.01	38.83 -1.24 0.07	36.43 -1.20 0.02	37.60 -1.21 0.07	38.40 -1.23 0.01	45.92 -1.49 2.25	54.33 -1.51 0.00	62.63 -1.67 0.00	54.60 -1.51 0.00	45.23 -1.26 0.00	40.25 -1.03 0.00	36.85 -0.75 0.00
E_CANADA_CAP_HY 24051	36.81 1.95 0.00	34.03 1.80 0.00	32.62 1.58 0.00	31.41 1.50 0.00	31.76 1.51 0.00	36.20 1.89 0.00	44.84 2.66 0.00	58.72 3.58 0.00	54.64 2.90 0.00	49.70 1.96 0.00	47.51 1.52 0.00	45.12 1.36 0.00	42.95 1.29 0.00	41.31 1.20 0.03	39.00 1.35 0.01	40.40 1.56 0.03	41.42 1.79 0.00	51.28 2.73 1.11	59.42 3.58 0.00	68.99 4.69 0.00	59.93 3.82 0.00	49.83 3.35 0.00	44.04 2.77 0.00	39.86 2.26 0.00
E_CANADA_MHWK_HY 24050	34.30 -0.56 0.00	31.65 -0.58 0.00	30.44 -0.59 0.00	29.32 -0.60 0.00	29.58 -0.67 0.00	33.52 -0.79 0.00	41.22 -0.97 0.00	54.15 -0.99 0.00	50.87 -0.88 0.00	46.93 -0.81 0.00	45.21 -0.78 0.00	43.01 -0.74 0.00	40.86 -0.79 0.00	39.34 -0.76 0.04	36.93 -0.72 0.01	38.10 -0.74 0.04	38.92 -0.71 0.00	47.72 -0.74 1.19	54.95 -0.90 0.00	63.46 -0.84 0.00	55.38 -0.73 0.00	45.98 -0.51 0.00	40.78 -0.49 0.00	37.08 -0.53 0.00
E_FISHKILL__LBMP 23776	35.70 0.84 0.00	33.00 0.77 0.00	31.75 0.71 0.00	30.54 0.63 0.00	30.82 0.57 0.00	35.07 0.75 0.00	43.53 1.35 0.00	56.96 1.82 0.00	53.61 1.86 0.00	49.70 1.96 0.00	47.97 1.98 0.00	45.86 2.10 0.00	43.62 1.96 0.00	42.08 1.97 0.03	39.45 1.81 0.01	40.79 1.94 0.03	41.70 2.06 0.00	51.03 2.38 1.02	58.02 2.18 0.00	66.81 2.51 0.00	58.19 2.08 0.00	48.25 1.77 0.00	42.64 1.36 0.00	38.47 0.86 0.00
FALCON____SEABRD_CC1 323796	34.65 -0.21 0.00	32.26 0.03 0.00	31.22 0.19 0.00	30.33 0.42 0.00	30.94 0.70 0.00	35.17 0.86 0.00	43.41 1.22 0.00	56.91 1.76 0.00	53.04 1.29 0.00	48.89 1.14 0.00	47.10 1.10 0.00	44.63 0.87 0.00	42.70 1.04 0.00	40.98 0.84 0.01	38.44 0.79 0.00	39.49 0.62 0.01	40.15 0.51 0.00	49.41 0.05 0.30	56.68 0.84 0.00	64.24 -0.06 0.00	57.40 1.29 0.00	47.65 1.16 0.00	43.14 1.86 0.00	39.48 1.88 0.00

FALCON___SEABRD_CC2 323797	34.65 -0.21 0.00	32.26 0.03 0.00	31.22 0.19 0.00	30.33 0.42 0.00	30.94 0.70 0.00	35.17 0.86 0.00	43.41 1.22 0.00	56.91 1.76 0.00	53.04 1.29 0.00	48.89 1.14 0.00	47.10 1.10 0.00	44.63 0.87 0.00	42.70 1.04 0.00	40.98 0.84 0.01	38.44 0.79 0.00	39.49 0.62 0.01	40.15 0.51 0.00	49.41 0.05 0.30	56.68 0.84 0.00	64.24 -0.06 0.00	57.40 1.29 0.00	47.65 1.16 0.00	43.14 1.86 0.00	39.48 1.88 0.00
FAR ROCKAWAY___4 23548	36.47 1.60 0.00	33.58 1.35 0.00	32.28 1.24 0.00	31.05 1.14 0.00	31.24 1.00 0.00	35.68 1.37 0.00	44.46 2.28 0.00	58.01 2.87 0.00	54.90 3.16 0.00	51.23 3.49 0.00	49.58 3.59 0.00	47.48 3.72 0.00	45.16 3.50 0.00	43.48 3.37 0.03	40.77 3.13 0.01	42.19 3.34 0.03	43.01 3.37 0.00	52.51 3.87 1.02	59.36 3.52 0.00	68.48 4.18 0.00	59.65 3.53 0.00	49.51 3.02 0.00	43.63 2.35 0.00	39.29 1.69 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.26 1.39 0.00	33.26 1.03 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.09 0.85 0.00	35.41 1.10 0.00	44.17 1.98 0.00	57.73 2.59 0.00	54.39 2.64 0.00	50.51 2.77 0.00	48.80 2.81 0.00	46.65 2.89 0.00	44.41 2.75 0.00	42.80 2.69 0.03	40.13 2.48 0.01	41.53 2.68 0.03	42.45 2.81 0.00	52.22 3.58 1.02	58.80 2.96 0.00	67.71 3.41 0.00	59.03 2.92 0.00	49.04 2.56 0.00	43.22 1.94 0.00	38.96 1.35 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.05 1.19 0.00	33.26 1.03 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.09 0.85 0.00	35.41 1.10 0.00	44.21 2.02 0.00	57.73 2.59 0.00	54.39 2.64 0.00	50.51 2.77 0.00	48.80 2.81 0.00	46.65 2.89 0.00	44.41 2.75 0.00	42.80 2.69 0.03	40.13 2.48 0.01	41.53 2.68 0.03	42.45 2.81 0.00	51.87 3.23 1.02	58.80 2.96 0.00	67.71 3.41 0.00	59.03 2.92 0.00	49.04 2.56 0.00	43.26 1.98 0.00	38.96 1.35 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.01 1.15 0.00	33.26 1.03 0.00	32.00 0.96 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.41 1.10 0.00	44.17 1.98 0.00	57.68 2.54 0.00	54.39 2.64 0.00	50.51 2.77 0.00	48.75 2.76 0.00	46.65 2.89 0.00	44.37 2.71 0.00	42.76 2.65 0.03	40.13 2.48 0.01	41.53 2.68 0.03	42.41 2.77 0.00	51.82 3.18 1.02	58.80 2.96 0.00	67.65 3.34 0.00	58.97 2.86 0.00	49.00 2.51 0.00	43.22 1.94 0.00	38.92 1.32 0.00
FARRAGUT___LBMP 323566	36.01 1.15 0.00	33.23 1.00 0.00	32.00 0.96 0.00	30.78 0.87 0.00	31.06 0.82 0.00	35.38 1.06 0.00	44.12 1.94 0.00	57.62 2.48 0.00	54.33 2.59 0.00	50.47 2.72 0.00	48.71 2.71 0.00	46.60 2.84 0.00	44.32 2.67 0.00	42.76 2.65 0.03	40.09 2.45 0.01	41.49 2.64 0.03	42.41 2.77 0.00	51.77 3.13 1.02	58.74 2.90 0.00	67.65 3.34 0.00	58.97 2.86 0.00	48.95 2.46 0.00	43.18 1.90 0.00	38.92 1.32 0.00
FENNER___WINDPWR 24204	35.31 0.45 0.00	32.55 0.32 0.00	31.34 0.31 0.00	30.21 0.30 0.00	30.55 0.30 0.00	34.66 0.34 0.00	42.65 0.46 0.00	55.91 0.77 0.00	52.37 0.62 0.00	48.12 0.38 0.00	46.23 0.23 0.01	43.89 0.13 0.01	41.78 0.13 0.01	40.13 0.04 0.05	37.68 0.04 0.01	38.86 0.04 0.05	39.79 0.16 0.01	48.68 0.30 1.28	56.57 0.72 0.00	65.39 1.09 0.00	57.06 0.95 0.00	47.23 0.74 0.00	41.86 0.58 0.00	38.17 0.56 0.00
FIBERTEK___ENERGY 23856	34.72 -0.14 0.00	32.03 -0.19 0.00	30.88 -0.16 0.00	29.74 -0.18 0.00	30.06 -0.18 0.00	34.04 -0.27 0.00	41.76 -0.42 0.00	54.43 -0.72 0.00	51.07 -0.67 0.00	47.03 -0.72 0.00	45.21 -0.78 0.00	42.92 -0.83 0.01	40.86 -0.79 0.01	39.29 -0.80 0.05	36.85 -0.79 0.01	38.05 -0.78 0.05	38.88 -0.75 0.01	47.00 -0.94 1.71	55.06 -0.78 0.00	63.53 -0.77 0.00	55.33 -0.79 0.00	45.79 -0.70 0.00	40.70 -0.58 0.00	37.23 -0.38 0.00
FITZPATRICK____ 23598	33.99 -0.87 0.00	31.45 -0.77 0.00	30.26 -0.77 0.00	29.17 -0.75 0.00	29.49 -0.75 0.00	33.39 -0.92 0.00	40.79 -1.39 0.00	52.99 -2.15 0.00	49.73 -2.02 0.00	45.78 -1.96 0.00	44.06 -1.93 0.00	41.85 -1.88 0.03	39.84 -1.79 0.03	38.16 -1.73 0.26	35.93 -1.66 0.06	36.94 -1.67 0.26	37.91 -1.70 0.03	38.93 -2.08 8.65	53.61 -2.24 0.00	61.92 -2.38 0.00	53.98 -2.13 0.00	44.62 -1.86 0.00	39.71 -1.57 0.00	36.40 -1.20 0.00
FLOWRFLD_69_KV_BK1 356044	36.19 1.32 0.00	33.26 1.03 0.00	31.93 0.90 0.00	30.75 0.84 0.00	30.88 0.64 0.00	35.27 0.96 0.00	43.96 1.77 0.00	57.40 2.26 0.00	54.54 2.79 0.00	51.04 3.29 0.00	49.17 3.17 0.00	47.13 3.37 0.00	44.87 3.21 0.00	43.24 3.13 0.03	40.51 2.86 0.01	41.92 3.07 0.03	42.73 3.09 0.00	52.22 3.58 1.02	58.91 3.07 0.00	67.97 3.67 0.00	59.08 2.97 0.00	48.95 2.46 0.00	43.09 1.82 0.00	38.73 1.13 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.91 1.05 0.00	33.16 0.93 0.00	31.93 0.90 0.00	30.72 0.81 0.00	31.00 0.76 0.00	35.31 1.00 0.00	43.83 1.65 0.00	57.73 2.59 0.00	54.33 2.59 0.00	50.23 2.48 0.00	48.43 2.44 0.00	46.21 2.45 0.00	43.95 2.29 0.00	42.40 2.29 0.03	39.71 2.07 0.01	41.10 2.25 0.03	41.97 2.34 0.00	51.52 2.88 1.02	58.63 2.79 0.00	67.65 3.34 0.00	59.03 2.92 0.00	48.86 2.37 0.00	43.09 1.82 0.00	38.92 1.32 0.00
FORT ORANGE____ 23900	35.35 0.49 0.00	32.62 0.39 0.00	31.47 0.43 0.00	30.33 0.42 0.00	30.64 0.39 0.00	34.73 0.41 0.00	42.69 0.51 0.00	56.02 0.88 0.00	52.57 0.83 0.00	48.56 0.81 0.00	46.73 0.73 0.00	44.63 0.87 0.00	42.41 0.75 0.00	40.87 0.76 0.03	38.40 0.75 0.01	39.67 0.82 0.03	40.51 0.87 0.00	49.86 1.19 0.99	56.90 1.06 0.00	65.52 1.22 0.00	57.12 1.01 0.00	47.37 0.88 0.00	41.94 0.66 0.00	37.98 0.38 0.00
FORT_DRUM_COGEN 23780	34.79 -0.07 0.00	31.94 -0.29 0.00	30.79 -0.25 0.00	29.74 -0.18 0.00	29.97 -0.27 0.00	34.11 -0.21 0.00	41.89 -0.30 0.00	55.80 0.66 0.00	52.06 0.31 0.00	47.46 -0.29 0.00	45.49 -0.51 0.00	43.06 -0.70 0.00	41.03 -0.62 0.00	39.31 -0.80 0.03	36.81 -0.83 0.01	38.07 -0.78 0.03	38.88 -0.75 0.00	48.21 -0.35 1.10	56.34 0.50 0.00	65.85 1.54 0.00	57.51 1.40 0.00	47.55 1.07 0.00	42.02 0.74 0.00	38.17 0.56 0.00
FOX_HILLS___ESR 323835	48.45 1.57 -12.02	33.59 1.35 -0.01	32.38 1.33 -0.01	31.18 1.26 -0.01	31.43 1.18 -0.01	35.73 1.41 -0.01	48.59 2.28 -4.13	57.95 2.81 0.00	54.49 2.74 0.00	52.54 3.01 -1.78	52.21 2.94 -3.27	55.04 3.02 -8.25	58.60 2.87 -14.06	59.35 2.81 -16.39	61.92 2.64 -21.63	86.07 2.84 -44.36	86.08 3.01 -43.43	86.04 3.53 -32.85	85.96 3.13 -26.99	85.99 3.60 -18.09	86.03 3.09 -26.83	53.02 2.93 -3.61	51.07 2.27 -7.52	50.20 1.65 -10.94
FPL FAR_ROCK_GT1 24212	36.47 1.60 0.00	33.55 1.32 0.00	32.24 1.21 0.00	31.05 1.14 0.00	31.24 1.00 0.00	35.69 1.37 0.00	44.46 2.28 0.00	57.95 2.81 0.00	54.85 3.10 0.00	51.23 3.48 0.00	49.63 3.63 0.00	47.44 3.68 0.00	45.16 3.50 0.00	43.49 3.37 0.03	40.81 3.16 0.01	42.15 3.30 0.03	43.00 3.37 0.00	52.46 3.82 1.02	59.36 3.52 0.00	68.48 4.18 0.00	59.65 3.54 0.00	49.55 3.07 0.00	43.67 2.39 0.00	39.30 1.69 0.00

FPL FAR_ROCK_GT2 23815	36.47 1.60 0.00	33.55 1.32 0.00	32.24 1.21 0.00	31.05 1.14 0.00	31.24 1.00 0.00	35.69 1.37 0.00	44.46 2.28 0.00	57.95 2.81 0.00	54.85 3.10 0.00	51.23 3.48 0.00	49.63 3.63 0.00	47.44 3.68 0.00	45.16 3.50 0.00	43.49 3.37 0.03	40.81 3.16 0.01	42.15 3.30 0.03	43.00 3.37 0.00	52.46 3.82 1.02	59.36 3.52 0.00	68.48 4.18 0.00	59.65 3.54 0.00	49.55 3.07 0.00	43.67 2.39 0.00	39.30 1.69 0.00
FRANKLIN_FALL_HYD 24054	34.93 0.07 0.00	32.42 0.19 0.00	31.28 0.25 0.00	30.30 0.39 0.00	30.82 0.57 0.00	35.00 0.69 0.00	43.15 0.97 0.00	56.80 1.65 0.00	53.09 1.35 0.00	48.89 1.15 0.00	47.10 1.10 0.00	44.55 0.79 0.00	42.58 0.92 0.00	40.86 0.72 0.01	38.33 0.68 0.00	39.41 0.54 0.01	40.07 0.44 0.00	49.80 0.50 0.36	57.13 1.28 0.00	65.59 1.29 0.00	57.79 1.68 0.00	47.93 1.44 0.00	42.76 1.49 0.00	39.07 1.47 0.00
FREEPORT_EQUS_GT1 23764	36.22 1.36 0.00	33.29 1.06 0.00	32.00 0.96 0.00	30.84 0.93 0.00	31.00 0.76 0.00	35.44 1.13 0.00	44.08 1.90 0.00	57.40 2.26 0.00	54.38 2.64 0.00	50.85 3.10 0.00	49.26 3.27 0.00	47.09 3.32 0.00	44.82 3.16 0.00	43.20 3.09 0.03	40.50 2.86 0.01	41.88 3.03 0.03	42.73 3.09 0.00	52.17 3.53 1.02	58.97 3.13 0.00	68.03 3.73 0.00	59.25 3.14 0.00	49.18 2.70 0.00	43.34 2.06 0.00	38.99 1.39 0.00
FREEPORT___CT2 23818	36.22 1.36 0.00	33.29 1.06 0.00	32.00 0.96 0.00	30.84 0.93 0.00	31.00 0.76 0.00	35.44 1.13 0.00	44.08 1.90 0.00	57.40 2.26 0.00	54.38 2.64 0.00	50.85 3.10 0.00	49.26 3.27 0.00	47.09 3.32 0.00	44.82 3.16 0.00	43.20 3.09 0.03	40.50 2.86 0.01	41.88 3.03 0.03	42.73 3.09 0.00	52.17 3.53 1.02	58.97 3.13 0.00	68.03 3.73 0.00	59.25 3.14 0.00	49.18 2.70 0.00	43.34 2.06 0.00	38.99 1.39 0.00
FRESHKLS_33_KV_LOAD 356253	48.49 1.60 -12.02	33.62 1.39 -0.01	32.38 1.33 -0.01	31.18 1.26 -0.01	31.43 1.18 -0.01	35.73 1.41 -0.01	48.51 2.19 -4.13	57.79 2.65 0.00	54.27 2.54 0.01	52.19 2.86 -1.59	51.66 2.76 -2.91	51.64 2.84 -5.03	52.27 2.71 -7.90	52.31 2.69 -9.47	52.26 2.48 -12.13	52.31 2.68 -10.75	52.81 2.85 -10.32	52.74 3.38 0.30	85.79 2.96 -26.99	85.80 3.41 -18.09	85.91 2.97 -26.83	52.83 2.84 -3.51	50.17 2.19 -6.70	50.16 1.62 -10.94
FULTON COGEN____ 23766	34.20 -0.66 0.00	31.55 -0.68 0.00	30.41 -0.62 0.00	29.29 -0.63 0.00	29.61 -0.64 0.00	33.52 -0.79 0.00	41.05 -1.14 0.00	53.54 -1.60 0.00	50.19 -1.55 0.00	46.22 -1.53 0.00	44.48 -1.52 0.00	42.23 -1.53 0.00	40.16 -1.50 0.00	38.67 -1.45 0.03	36.25 -1.39 0.01	37.45 -1.40 0.03	38.25 -1.39 0.00	46.99 -1.69 0.99	54.11 -1.73 0.00	62.37 -1.93 0.00	54.37 -1.74 0.00	44.95 -1.53 0.00	40.00 -1.28 0.00	36.62 -0.98 0.00
FULTON___LFGE 323630	36.71 1.85 0.00	33.94 1.71 0.00	32.59 1.55 0.00	31.35 1.44 0.00	31.73 1.48 0.00	36.13 1.82 0.00	44.76 2.57 0.00	58.78 3.64 0.00	54.69 2.95 0.00	49.84 2.10 0.00	47.70 1.70 0.00	45.29 1.53 0.00	43.07 1.42 0.00	41.43 1.32 0.03	39.11 1.47 0.01	40.48 1.63 0.03	41.42 1.79 0.00	51.37 2.78 1.07	59.42 3.58 0.00	68.99 4.69 0.00	59.93 3.82 0.00	49.65 3.16 0.00	43.92 2.64 0.00	39.71 2.10 0.00
G.F.CEMENT___DRP 24184	36.19 1.32 0.00	33.49 1.26 0.00	32.15 1.12 0.00	30.96 1.05 0.00	31.33 1.09 0.00	35.62 1.30 0.00	43.32 1.14 0.00	57.07 1.93 0.00	53.66 1.91 0.00	49.32 1.58 0.00	47.47 1.47 0.00	45.20 1.44 0.00	42.82 1.17 0.00	41.20 1.08 0.03	38.81 1.17 0.01	40.01 1.17 0.03	40.79 1.15 0.00	50.35 1.69 1.00	57.74 1.90 0.00	66.94 2.64 0.00	58.07 1.96 0.00	47.97 1.49 0.00	42.56 1.28 0.00	38.39 0.79 0.00
GARDENVILLE___LBMP 24039	33.92 -0.94 0.00	31.20 -1.03 0.00	30.20 -0.84 0.00	29.17 -0.75 0.00	29.61 -0.64 0.00	33.63 -0.69 0.00	41.85 -0.34 0.00	52.77 -2.37 0.00	49.31 -2.43 0.00	45.07 -2.67 0.00	43.19 -2.81 0.00	40.65 -3.11 0.01	38.78 -2.87 0.01	36.81 -3.25 0.08	34.62 -3.01 0.02	35.45 -3.34 0.08	36.66 -2.97 0.01	41.79 -4.67 3.20	52.43 -3.41 0.00	60.57 -3.73 0.00	52.52 -3.59 0.00	43.46 -3.02 0.00	39.26 -2.02 0.00	36.55 -1.05 0.00
GARDNVLA_35_KV_LD 355827	34.13 -0.73 0.00	31.36 -0.87 0.00	30.35 -0.68 0.00	29.32 -0.60 0.00	29.79 -0.45 0.00	33.80 -0.51 0.00	42.14 -0.04 0.00	53.10 -2.04 0.00	49.68 -2.07 0.00	45.41 -2.34 0.00	43.46 -2.53 0.00	40.95 -2.80 0.01	39.07 -2.58 0.01	37.01 -3.05 0.08	34.85 -2.79 0.02	35.61 -3.19 0.08	36.94 -2.70 0.01	41.99 -4.47 3.20	52.83 -3.02 0.00	61.02 -3.28 0.00	52.91 -3.20 0.00	43.79 -2.70 0.00	39.50 -1.77 0.00	36.77 -0.83 0.00
GELCKHM___115KV_LOAD 80723	34.48 -0.38 0.00	31.81 -0.42 0.00	30.66 -0.37 0.00	29.53 -0.39 0.00	29.85 -0.39 0.00	33.83 -0.48 0.00	41.43 -0.76 0.00	53.98 -1.16 0.00	50.61 -1.14 0.00	46.65 -1.10 0.00	44.84 -1.15 0.00	42.57 -1.18 0.01	40.53 -1.12 0.01	39.00 -1.08 0.06	36.58 -1.05 0.01	37.76 -1.05 0.06	38.56 -1.07 0.01	46.29 -1.29 2.07	54.61 -1.23 0.00	62.95 -1.35 0.00	54.88 -1.23 0.00	45.42 -1.07 0.00	40.41 -0.87 0.00	37.00 -0.60 0.00
GENERAL___MILLS 23808	34.03 -0.84 0.00	31.29 -0.93 0.00	30.29 -0.74 0.00	29.26 -0.66 0.00	29.70 -0.54 0.00	33.73 -0.58 0.00	42.02 -0.17 0.00	52.94 -2.21 0.00	49.47 -2.28 0.00	45.21 -2.53 0.00	43.33 -2.67 0.00	40.78 -2.98 0.01	38.90 -2.75 0.01	36.89 -3.17 0.08	34.70 -2.94 0.02	35.49 -3.30 0.08	36.78 -2.85 0.01	41.80 -4.67 3.20	52.60 -3.24 0.00	60.77 -3.54 0.00	52.69 -3.42 0.00	43.60 -2.88 0.00	39.38 -1.90 0.00	36.66 -0.94 0.00
GE_PLASTICS___DRP 24183	35.28 0.42 0.00	32.58 0.35 0.00	31.41 0.37 0.00	30.27 0.36 0.00	30.58 0.33 0.00	34.66 0.34 0.00	42.65 0.46 0.00	55.91 0.77 0.00	52.52 0.78 0.00	48.51 0.76 0.00	46.78 0.78 0.00	44.63 0.88 0.00	42.45 0.79 0.00	40.92 0.80 0.03	38.40 0.75 0.01	39.66 0.82 0.03	40.47 0.83 0.00	49.77 1.09 0.98	56.73 0.89 0.00	65.33 1.03 0.00	56.95 0.84 0.00	47.23 0.74 0.00	41.81 0.54 0.00	37.90 0.30 0.00
GILBOA___1 23756	35.31 0.45 0.00	32.65 0.42 0.00	31.44 0.40 0.00	30.27 0.36 0.00	30.58 0.33 0.00	34.73 0.41 0.00	42.86 0.67 0.00	56.08 0.94 0.00	52.68 0.93 0.00	48.65 0.90 0.00	46.91 0.92 0.00	44.72 0.96 0.00	42.57 0.92 0.00	40.99 0.88 0.04	38.51 0.87 0.01	39.74 0.89 0.04	40.63 0.99 0.00	49.64 1.14 1.16	56.90 1.06 0.00	65.39 1.09 0.00	57.12 1.01 0.00	47.37 0.88 0.00	41.94 0.66 0.00	38.02 0.41 0.00
GILBOA___2 23757	35.31 0.45 0.00	32.65 0.42 0.00	31.44 0.40 0.00	30.27 0.36 0.00	30.58 0.33 0.00	34.73 0.41 0.00	42.86 0.67 0.00	56.08 0.94 0.00	52.68 0.93 0.00	48.65 0.90 0.00	46.91 0.92 0.00	44.72 0.96 0.00	42.57 0.92 0.00	40.99 0.88 0.04	38.51 0.87 0.01	39.74 0.89 0.04	40.63 0.99 0.00	49.64 1.14 1.16	56.90 1.06 0.00	65.39 1.09 0.00	57.12 1.01 0.00	47.37 0.88 0.00	41.94 0.66 0.00	38.02 0.41 0.00

GILBOA___3 23758	35.31 0.45 0.00	32.65 0.42 0.00	31.44 0.40 0.00	30.27 0.36 0.00	30.58 0.33 0.00	34.73 0.41 0.00	42.86 0.67 0.00	56.08 0.94 0.00	52.68 0.93 0.00	48.65 0.90 0.00	46.91 0.92 0.00	44.72 0.96 0.00	42.57 0.92 0.00	40.99 0.88 0.04	38.51 0.87 0.01	39.74 0.89 0.04	40.63 0.99 0.00	49.64 1.14 1.16	56.90 1.06 0.00	65.39 1.09 0.00	57.12 1.01 0.00	47.37 0.88 0.00	41.94 0.66 0.00	38.02 0.41 0.00
GILBOA___4 23759	35.31 0.45 0.00	32.65 0.42 0.00	31.44 0.40 0.00	30.27 0.36 0.00	30.58 0.33 0.00	34.73 0.41 0.00	42.86 0.67 0.00	56.08 0.94 0.00	52.68 0.93 0.00	48.65 0.90 0.00	46.91 0.92 0.00	44.72 0.96 0.00	42.57 0.92 0.00	40.99 0.88 0.04	38.51 0.87 0.01	39.74 0.89 0.04	40.63 0.99 0.00	49.64 1.14 1.16	56.90 1.06 0.00	65.39 1.09 0.00	57.12 1.01 0.00	47.37 0.88 0.00	41.94 0.66 0.00	38.02 0.41 0.00
GILBOA___ 23599	35.32 0.45 0.00	32.65 0.42 0.00	31.44 0.40 0.00	30.27 0.36 0.00	30.58 0.33 0.00	34.72 0.41 0.00	42.86 0.67 0.00	56.08 0.94 0.00	52.68 0.93 0.00	48.65 0.91 0.00	46.91 0.92 0.00	44.72 0.96 0.00	42.57 0.92 0.00	41.03 0.92 0.04	38.47 0.83 0.01	39.74 0.89 0.04	40.63 0.99 0.00	49.64 1.14 1.16	56.90 1.06 0.00	65.40 1.09 0.00	57.12 1.01 0.00	47.37 0.88 0.00	41.94 0.66 0.00	38.02 0.41 0.00
GINNA___ 23603	32.56 -2.30 0.00	30.10 -2.13 0.00	28.92 -2.11 0.00	27.88 -2.04 0.00	28.25 -2.00 0.00	32.05 -2.27 0.00	39.57 -2.62 0.00	51.17 -3.97 0.00	47.97 -3.78 0.00	43.92 -3.82 0.00	42.22 -3.77 0.01	39.90 -3.85 0.01	37.94 -3.71 0.01	36.61 -3.45 0.08	34.24 -3.39 0.02	35.49 -3.30 0.08	36.06 -3.57 0.01	42.46 -4.12 3.08	51.37 -4.47 0.00	59.22 -5.08 0.00	51.51 -4.60 0.00	42.63 -3.86 0.00	38.06 -3.22 0.00	35.01 -2.59 0.00
GLEN PARK___ 23778	35.00 0.14 0.00	32.13 -0.10 0.00	30.91 -0.12 0.00	29.88 -0.03 0.00	30.09 -0.15 0.00	34.28 -0.03 0.00	42.10 -0.08 0.00	56.08 0.94 0.00	52.21 0.46 0.00	47.55 -0.19 0.00	45.53 -0.46 0.00	43.10 -0.66 0.00	41.07 -0.58 0.00	39.31 -0.80 0.03	36.85 -0.79 0.01	38.10 -0.74 0.03	38.96 -0.67 0.00	48.35 -0.20 1.11	56.62 0.78 0.00	66.17 1.87 0.00	57.79 1.68 0.00	47.83 1.35 0.00	42.18 0.91 0.00	38.35 0.75 0.00
GLENDALE_27_KV_LOAD 356172	36.33 1.46 -0.01	33.49 1.26 0.00	32.28 1.24 -0.01	31.06 1.14 -0.01	31.34 1.09 -0.01	35.65 1.34 0.00	44.71 2.36 -0.16	58.12 2.98 0.00	54.75 3.00 0.00	51.21 3.20 -0.26	49.65 3.17 -0.48	50.40 3.24 -3.40	51.19 3.08 -6.44	50.39 3.01 -7.23	50.38 2.79 -9.94	50.42 2.99 -8.55	51.13 3.13 -8.36	57.08 3.58 -3.84	59.19 3.35 0.00	68.10 3.79 0.00	59.37 3.25 0.00	49.65 2.93 -0.23	44.62 2.27 -1.07	39.26 1.65 0.00
GLENWOOD_IC_1_G5 23712	36.22 1.36 0.00	33.32 1.10 0.00	32.06 1.02 0.00	30.84 0.93 0.00	31.03 0.79 0.00	35.44 1.13 0.00	44.12 1.94 0.00	57.62 2.48 0.00	54.54 2.79 0.00	50.90 3.15 0.00	49.26 3.27 0.00	47.17 3.41 0.00	44.91 3.25 0.00	43.24 3.13 0.03	40.54 2.90 0.01	41.96 3.11 0.03	42.77 3.13 0.00	52.22 3.58 1.02	59.02 3.18 0.00	68.03 3.73 0.00	59.25 3.14 0.00	49.18 2.70 0.00	43.34 2.06 0.00	39.03 1.43 0.00
GLENWOOD_IC_2_G1 23688	36.15 1.29 0.00	33.26 1.03 0.00	32.00 0.96 0.00	30.81 0.90 0.00	31.00 0.76 0.00	35.38 1.06 0.00	44.04 1.85 0.00	57.40 2.26 0.00	54.38 2.64 0.00	50.80 3.06 0.00	49.21 3.22 0.00	47.05 3.28 0.00	44.78 3.13 0.00	43.13 3.01 0.03	40.43 2.79 0.01	41.80 2.95 0.03	42.65 3.01 0.00	52.06 3.42 1.02	58.85 3.01 0.00	67.90 3.60 0.00	59.14 3.03 0.00	49.09 2.60 0.00	43.30 2.02 0.00	38.95 1.35 0.00
GLENWOOD_IC_3_G1 23689	36.15 1.29 0.00	33.26 1.03 0.00	32.00 0.96 0.00	30.81 0.90 0.00	31.00 0.76 0.00	35.38 1.06 0.00	44.04 1.85 0.00	57.40 2.26 0.00	54.38 2.64 0.00	50.80 3.06 0.00	49.21 3.22 0.00	47.05 3.28 0.00	44.78 3.13 0.00	43.13 3.01 0.03	40.43 2.79 0.01	41.80 2.95 0.03	42.65 3.01 0.00	52.06 3.42 1.02	58.85 3.01 0.00	67.90 3.60 0.00	59.14 3.03 0.00	49.09 2.60 0.00	43.30 2.02 0.00	38.95 1.35 0.00
GLENWOOD___4 23550	36.22 1.36 0.00	33.32 1.10 0.00	32.06 1.02 0.00	30.84 0.93 0.00	31.03 0.79 0.00	35.44 1.13 0.00	44.12 1.94 0.00	57.62 2.48 0.00	54.54 2.79 0.00	50.90 3.15 0.00	49.26 3.27 0.00	47.17 3.41 0.00	44.91 3.25 0.00	43.24 3.13 0.03	40.54 2.90 0.01	41.96 3.11 0.03	42.77 3.13 0.00	52.22 3.58 1.02	59.02 3.18 0.00	68.03 3.73 0.00	59.25 3.14 0.00	49.18 2.70 0.00	43.34 2.06 0.00	39.03 1.43 0.00
GLENWOOD___5 23614	36.22 1.36 0.00	33.32 1.10 0.00	32.06 1.02 0.00	30.84 0.93 0.00	31.03 0.79 0.00	35.44 1.13 0.00	44.12 1.94 0.00	57.62 2.48 0.00	54.54 2.79 0.00	50.90 3.15 0.00	49.26 3.27 0.00	47.17 3.41 0.00	44.91 3.25 0.00	43.24 3.13 0.03	40.54 2.90 0.01	41.96 3.11 0.03	42.77 3.13 0.00	52.22 3.58 1.02	59.02 3.18 0.00	68.03 3.73 0.00	59.25 3.14 0.00	49.18 2.70 0.00	43.34 2.06 0.00	39.03 1.43 0.00
GLOBAL GREEN_PORT_GT1 23814	35.84 0.97 0.00	32.81 0.58 0.00	31.31 0.28 0.00	30.21 0.30 0.00	30.25 0.00 0.00	34.59 0.27 0.00	43.28 1.09 0.00	56.30 1.16 0.00	54.75 3.00 0.00	51.28 3.53 0.00	48.80 2.81 0.00	47.00 3.24 0.00	45.03 3.37 0.00	43.41 3.29 0.03	40.43 2.79 0.01	41.34 2.49 0.03	41.70 2.06 0.00	50.98 2.33 1.02	57.63 1.79 0.00	66.94 2.64 0.00	58.13 2.02 0.00	47.74 1.26 0.00	41.90 0.62 0.00	37.94 0.34 0.00
GLOBE___DSASP 323697	32.94 -1.92 0.00	30.26 -1.97 0.00	29.27 -1.77 0.00	28.27 -1.65 0.00	28.73 -1.51 0.00	32.56 -1.75 0.00	40.33 -1.86 0.00	50.79 -4.36 0.00	47.45 -4.29 0.00	43.45 -4.30 0.00	41.58 -4.42 0.00	39.20 -4.55 0.01	37.40 -4.25 0.01	35.89 -4.17 0.08	33.83 -3.80 0.02	34.79 -4.00 0.08	35.47 -4.16 0.01	40.90 -5.56 3.20	50.42 -5.42 0.00	58.06 -6.24 0.00	50.39 -5.72 0.00	41.79 -4.70 0.00	37.89 -3.38 0.00	35.20 -2.41 0.00
GOETHSLN___LBMP 323567	35.80 0.94 0.00	33.03 0.81 0.00	31.81 0.78 0.00	30.60 0.69 0.00	30.88 0.64 0.00	35.17 0.86 0.00	43.91 1.73 0.00	57.29 2.15 0.00	54.02 2.28 0.00	50.18 2.43 0.00	48.48 2.48 0.00	46.34 2.58 0.00	44.12 2.46 0.00	42.52 2.41 0.03	39.87 2.22 0.01	41.26 2.41 0.03	42.17 2.54 0.00	51.47 2.83 1.02	58.41 2.57 0.00	67.26 2.96 0.00	58.58 2.47 0.00	48.72 2.23 0.00	42.97 1.69 0.00	38.69 1.09 0.00
GOLAH___69_KV_TB 1_2 80279	33.99 -0.87 0.00	31.33 -0.90 0.00	30.23 -0.81 0.00	29.17 -0.75 0.00	29.61 -0.64 0.00	33.66 -0.65 0.00	41.59 -0.59 0.00	53.32 -1.82 0.00	49.78 -1.97 0.00	45.45 -2.29 0.00	43.56 -2.44 0.00	41.04 -2.71 0.01	39.07 -2.58 0.01	37.65 -2.41 0.08	35.41 -2.22 0.02	36.54 -2.25 0.08	37.13 -2.50 0.01	43.58 -2.93 3.15	53.10 -2.74 0.00	61.34 -2.96 0.00	53.36 -2.75 0.00	44.21 -2.28 0.00	39.67 -1.61 0.00	36.59 -1.02 0.00

GOODYEAR_LAKE_HYD 323669	35.94 1.08 0.00	33.13 0.90 0.00	31.84 0.81 0.00	30.69 0.78 0.00	31.00 0.76 0.00	35.27 0.96 0.00	43.62 1.43 0.00	57.29 2.15 0.00	53.71 1.97 0.00	49.37 1.62 0.00	47.47 1.47 0.00	45.07 1.31 0.00	42.91 1.25 0.00	41.22 1.12 0.04	38.70 1.05 0.01	39.96 1.13 0.04	40.90 1.27 0.00	49.85 1.64 1.45	57.91 2.07 0.00	66.87 2.57 0.00	58.30 2.19 0.00	48.30 1.81 0.00	42.72 1.44 0.00	38.81 1.20 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.86 0.00 0.00	32.20 -0.03 0.00	31.03 0.00 0.00	29.88 -0.03 0.00	30.25 0.00 0.00	34.35 0.03 0.00	42.44 0.25 0.00	54.98 -0.17 0.00	51.49 -0.26 0.00	47.31 -0.43 0.00	45.44 -0.55 0.00	43.05 -0.70 0.01	40.99 -0.67 0.01	39.24 -0.84 0.06	36.81 -0.83 0.01	37.93 -0.89 0.06	39.00 -0.63 0.01	46.36 -1.14 2.16	55.34 -0.50 0.00	63.92 -0.39 0.00	55.66 -0.45 0.00	46.07 -0.42 0.00	40.95 -0.33 0.00	37.53 -0.08 0.00
GOUDEY___7 23579	34.86 0.00 0.00	32.20 -0.03 0.00	31.03 0.00 0.00	29.88 -0.03 0.00	30.25 0.00 0.00	34.35 0.03 0.00	42.44 0.25 0.00	54.98 -0.17 0.00	51.49 -0.26 0.00	47.31 -0.43 0.00	45.44 -0.55 0.00	43.05 -0.70 0.01	40.99 -0.67 0.01	39.24 -0.84 0.06	36.81 -0.83 0.01	37.93 -0.89 0.06	39.00 -0.63 0.01	46.36 -1.14 2.16	55.34 -0.50 0.00	63.92 -0.39 0.00	55.66 -0.45 0.00	46.07 -0.42 0.00	40.95 -0.33 0.00	37.53 -0.08 0.00
GOUDEY___8 23580	34.86 0.00 0.00	32.20 -0.03 0.00	31.03 0.00 0.00	29.88 -0.03 0.00	30.25 0.00 0.00	34.35 0.03 0.00	42.44 0.25 0.00	54.98 -0.17 0.00	51.49 -0.26 0.00	47.31 -0.43 0.00	45.44 -0.55 0.00	43.05 -0.70 0.01	40.99 -0.67 0.01	39.24 -0.84 0.06	36.81 -0.83 0.01	37.93 -0.89 0.06	39.00 -0.63 0.01	46.36 -1.14 2.16	55.34 -0.50 0.00	63.92 -0.39 0.00	55.66 -0.45 0.00	46.07 -0.42 0.00	40.95 -0.33 0.00	37.53 -0.08 0.00
GOWANUS_GT1_1 24077	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
GOWANUS_GT1_2 24078	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
GOWANUS_GT1_3 24079	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
GOWANUS_GT1_4 24080	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
GOWANUS_GT1_5 24084	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
GOWANUS_GT1_6 24111	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
GOWANUS_GT1_7 24112	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
GOWANUS_GT1_8 24113	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
GOWANUS_GT2_1 24114	48.52 1.64 -12.02	33.59 1.35 -0.01	32.41 1.36 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.79 1.47 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.78 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.83 -21.63	86.23 2.99 -44.36	86.24 3.17 -43.43	86.24 3.73 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.25 3.31 -26.83	53.16 3.07 -3.61	52.26 3.47 -7.52	50.31 1.77 -10.94
GOWANUS_GT2_2 24115	48.52 1.64 -12.02	33.59 1.35 -0.01	32.41 1.36 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.79 1.47 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.78 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.83 -21.63	86.23 2.99 -44.36	86.24 3.17 -43.43	86.24 3.73 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.25 3.31 -26.83	53.16 3.07 -3.61	52.26 3.47 -7.52	50.31 1.77 -10.94
GOWANUS_GT2_3 24116	48.52 1.64 -12.02	33.59 1.35 -0.01	32.41 1.36 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.79 1.47 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.78 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.83 -21.63	86.23 2.99 -44.36	86.24 3.17 -43.43	86.24 3.73 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.25 3.31 -26.83	53.16 3.07 -3.61	52.26 3.47 -7.52	50.31 1.77 -10.94

GOWANUS_GT2_4 24117	48.52	33.59	32.41	31.21	31.46	35.79	48.76	58.23	54.75	52.78	52.44	55.25	58.81	59.55	62.11	86.23	86.24	86.24	86.24	86.25	86.25	53.16	52.26	50.31
	1.64	1.35	1.36	1.29	1.21	1.47	2.45	3.09	3.00	3.25	3.17	3.24	3.08	3.01	2.83	2.99	3.17	3.73	3.41	3.86	3.31	3.07	3.47	1.77
	-12.02	-0.01	-0.01	-0.01	-0.01	-0.01	-4.13	0.00	0.00	-1.78	-3.27	-8.25	-14.06	-16.39	-21.63	-44.36	-43.43	-32.85	-26.99	-18.09	-26.83	-3.61	-7.52	-10.94
GOWANUS_GT2_5 24118	48.52	33.59	32.41	31.21	31.46	35.79	48.76	58.23	54.75	52.78	52.44	55.25	58.81	59.55	62.11	86.23	86.24	86.24	86.24	86.25	86.25	53.16	52.26	50.31
	1.64	1.35	1.36	1.29	1.21	1.47	2.45	3.09	3.00	3.25	3.17	3.24	3.08	3.01	2.83	2.99	3.17	3.73	3.41	3.86	3.31	3.07	3.47	1.77
	-12.02	-0.01	-0.01	-0.01	-0.01	-0.01	-4.13	0.00	0.00	-1.78	-3.27	-8.25	-14.06	-16.39	-21.63	-44.36	-43.43	-32.85	-26.99	-18.09	-26.83	-3.61	-7.52	-10.94
GOWANUS_GT2_6 24119	48.52	33.59	32.41	31.21	31.46	35.79	48.76	58.23	54.75	52.78	52.44	55.25	58.81	59.55	62.11	86.23	86.24	86.24	86.24	86.25	86.25	53.16	52.26	50.31
	1.64	1.35	1.36	1.29	1.21	1.47	2.45	3.09	3.00	3.25	3.17	3.24	3.08	3.01	2.83	2.99	3.17	3.73	3.41	3.86	3.31	3.07	3.47	1.77
	-12.02	-0.01	-0.01	-0.01	-0.01	-0.01	-4.13	0.00	0.00	-1.78	-3.27	-8.25	-14.06	-16.39	-21.63	-44.36	-43.43	-32.85	-26.99	-18.09	-26.83	-3.61	-7.52	-10.94
GOWANUS_GT2_7 24120	48.52	33.59	32.41	31.21	31.46	35.79	48.76	58.23	54.75	52.78	52.44	55.25	58.81	59.55	62.11	86.23	86.24	86.24	86.24	86.25	86.25	53.16	52.26	50.31
	1.64	1.35	1.36	1.29	1.21	1.47	2.45	3.09	3.00	3.25	3.17	3.24	3.08	3.01	2.83	2.99	3.17	3.73	3.41	3.86	3.31	3.07	3.47	1.77
	-12.02	-0.01	-0.01	-0.01	-0.01	-0.01	-4.13	0.00	0.00	-1.78	-3.27	-8.25	-14.06	-16.39	-21.63	-44.36	-43.43	-32.85	-26.99	-18.09	-26.83	-3.61	-7.52	-10.94
GOWANUS_GT2_8 24121	48.52	33.59	32.41	31.21	31.46	35.79	48.76	58.23	54.75	52.78	52.44	55.25	58.81	59.55	62.11	86.23	86.24	86.24	86.24	86.25	86.25	53.16	52.26	50.31
	1.64	1.35	1.36	1.29	1.21	1.47	2.45	3.09	3.00	3.25	3.17	3.24	3.08	3.01	2.83	2.99	3.17	3.73	3.41	3.86	3.31	3.07	3.47	1.77
	-12.02	-0.01	-0.01	-0.01	-0.01	-0.01	-4.13	0.00	0.00	-1.78	-3.27	-8.25	-14.06	-16.39	-21.63	-44.36	-43.43	-32.85	-26.99	-18.09	-26.83	-3.61	-7.52	-10.94
GOWANUS_GT3_1 24122	48.52	33.59	32.41	31.21	31.46	35.79	48.76	58.23	54.75	52.78	52.44	55.25	58.81	59.55	62.11	86.23	86.24	86.24	86.24	86.25	86.25	53.16	52.26	50.31
	1.64	1.35	1.36	1.29	1.21	1.47	2.45	3.09	3.00	3.25	3.17	3.24	3.08	3.01	2.83	2.99	3.17	3.73	3.41	3.86	3.31	3.07	3.47	1.77
	-12.02	-0.0																						

GOWANUS_GT4_3 24132	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
GOWANUS_GT4_4 24133	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
GOWANUS_GT4_5 24134	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
GOWANUS_GT4_6 24135	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
GOWANUS_GT4_7 24136	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
GOWANUS_GT4_8 24137	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
GREENBSH_115KV_TB3 55895	35.21 0.35 0.00	32.52 0.29 0.00	31.34 0.31 0.00	30.21 0.30 0.00	30.52 0.27 0.00	34.55 0.24 0.00	42.48 0.30 0.00	55.75 0.61 0.00	52.37 0.62 0.00	48.41 0.67 0.00	46.68 0.69 0.00	44.55 0.79 0.00	42.37 0.71 0.00	40.84 0.72 0.03	38.36 0.72 0.01	39.59 0.74 0.03	40.43 0.79 0.00	49.72 1.04 0.99	56.62 0.78 0.00	65.14 0.84 0.00	56.84 0.73 0.00	47.09 0.60 0.00	41.69 0.41 0.00	37.79 0.19 0.00
GREENIDGE_115KV_TB5 80291	34.76 -0.10 0.00	32.07 -0.16 0.00	30.91 -0.12 0.00	29.76 -0.15 0.00	30.15 -0.09 0.00	34.24 -0.07 0.00	42.40 0.21 0.00	54.43 -0.72 0.00	50.76 -0.98 0.00	46.84 -0.91 0.00	44.84 -1.15 0.00	42.31 -1.44 0.01	40.24 -1.42 0.01	38.51 -1.57 0.07	36.13 -1.51 0.02	37.26 -1.56 0.07	38.24 -1.39 0.01	43.93 -1.79 3.95	54.61 -1.23 0.00	63.27 -1.03 0.00	55.04 -1.07 0.00	45.79 -0.70 0.00	40.78 -0.50 0.00	37.41 -0.19 0.00
GREENIDGE___3 23582	34.76 -0.10 0.00	32.07 -0.16 0.00	30.91 -0.12 0.00	29.76 -0.15 0.00	30.15 -0.09 0.00	34.24 -0.07 0.00	42.40 0.21 0.00	54.43 -0.72 0.00	50.76 -0.98 0.00	46.84 -0.91 0.00	44.84 -1.15 0.00	42.31 -1.44 0.01	40.24 -1.42 0.01	38.51 -1.57 0.07	36.13 -1.51 0.02	37.26 -1.56 0.07	38.24 -1.39 0.01	43.93 -1.79 3.95	54.61 -1.23 0.00	63.27 -1.03 0.00	55.04 -1.07 0.00	45.79 -0.70 0.00	40.78 -0.50 0.00	37.41 -0.19 0.00
GREENIDGE___4 23583	34.76 -0.10 0.00	32.13 -0.10 0.00	30.91 -0.12 0.00	29.77 -0.15 0.00	30.15 -0.09 0.00	34.24 -0.07 0.00	42.40 0.21 0.00	54.42 -0.72 0.00	51.23 -0.52 0.00	46.84 -0.91 0.00	44.85 -1.15 0.00	42.35 -1.40 0.01	40.24 -1.42 0.01	38.47 -1.61 0.07	36.13 -1.51 0.02	37.25 -1.56 0.07	38.24 -1.39 0.01	43.93 -1.79 3.95	54.61 -1.23 0.00	63.27 -1.03 0.00	55.04 -1.07 0.00	45.79 -0.70 0.00	40.70 -0.58 0.00	37.42 -0.19 0.00
GREENLWN_69_KV_BK 3 55738	36.01 1.15 0.00	33.16 0.93 0.00	31.87 0.84 0.00	30.69 0.78 0.00	30.85 0.60 0.00	35.24 0.93 0.00	43.87 1.69 0.00	56.80 1.65 0.00	53.82 2.07 0.00	50.51 2.77 0.00	49.03 3.04 0.00	46.95 3.19 0.00	44.70 3.04 0.00	43.08 2.97 0.03	40.39 2.75 0.01	41.76 2.92 0.03	42.61 2.97 0.00	52.07 3.43 1.02	58.30 2.46 0.00	67.13 2.83 0.00	58.52 2.41 0.00	48.90 2.42 0.00	43.09 1.82 0.00	38.77 1.17 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94
GRISSOM___SOLAR 323813	36.57 1.71 0.00	33.81 1.58 0.00	32.46 1.43 0.00	31.26 1.35 0.00	31.61 1.36 0.00	35.99 1.68 0.00	44.59 2.40 0.00	58.51 3.36 0.00	54.54 2.79 0.00	49.75 2.00 0.00	47.70 1.70 0.00	45.33 1.57 0.00	43.07 1.42 0.00	41.43 1.32 0.03	39.07 1.43 0.01	40.44 1.59 0.03	41.34 1.70 0.00	51.23 2.63 1.06	59.13 3.29 0.00	68.61 4.31 0.00	59.59 3.48 0.00	49.42 2.93 0.00	43.71 2.43 0.00	39.52 1.92 0.00
GROVEVILLE___HYD 323602	35.91 1.05 0.00	33.16 0.93 0.00	31.93 0.90 0.00	30.72 0.81 0.00	31.00 0.76 0.00	35.31 1.00 0.00	43.83 1.65 0.00	57.73 2.59 0.00	54.33 2.59 0.00	50.23 2.48 0.00	48.43 2.44 0.00	46.21 2.45 0.00	43.95 2.29 0.00	42.40 2.29 0.03	39.71 2.07 0.01	41.10 2.25 0.03	41.97 2.34 0.00	51.52 2.88 1.02	58.63 2.79 0.00	67.65 3.34 0.00	59.03 2.92 0.00	48.86 2.37 0.00	43.09 1.82 0.00	38.92 1.32 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.72 -0.14 0.00	32.03 -0.19 0.00	30.88 -0.16 0.00	29.74 -0.18 0.00	30.06 -0.18 0.00	34.04 -0.27 0.00	41.76 -0.42 0.00	54.43 -0.72 0.00	51.07 -0.67 0.00	47.03 -0.72 0.00	45.21 -0.78 0.00	42.92 -0.83 0.01	40.86 -0.79 0.01	39.29 -0.80 0.05	36.85 -0.79 0.01	38.05 -0.78 0.05	38.88 -0.75 0.01	47.00 -0.94 1.71	55.06 -0.78 0.00	63.53 -0.77 0.00	55.33 -0.79 0.00	45.79 -0.70 0.00	40.70 -0.58 0.00	37.23 -0.38 0.00

HAMLTNNY_34_KV_TB 80303	34.72 -0.14 0.00	32.07 -0.16 0.00	30.88 -0.16 0.00	29.74 -0.18 0.00	30.09 -0.15 0.00	34.11 -0.21 0.00	41.85 -0.34 0.00	54.54 -0.61 0.00	51.13 -0.62 0.00	47.08 -0.67 0.00	45.26 -0.74 0.00	42.92 -0.83 0.01	40.82 -0.83 0.01	39.29 -0.80 0.05	36.85 -0.79 0.01	38.05 -0.78 0.05	38.88 -0.75 0.01	47.10 -0.89 1.67	55.17 -0.67 0.00	63.59 -0.71 0.00	55.38 -0.73 0.00	45.79 -0.70 0.00	40.74 -0.54 0.00	37.26 -0.34 0.00
HAMPSHIRE___PAPER_HYD 323593	34.37 -0.49 0.00	31.71 -0.52 0.00	30.57 -0.46 0.00	29.52 -0.39 0.00	29.82 -0.42 0.00	33.87 -0.45 0.00	41.68 -0.50 0.00	55.14 0.00 0.00	51.49 -0.26 0.00	47.27 -0.48 0.00	45.44 -0.55 0.00	43.06 -0.70 0.00	40.99 -0.67 0.00	39.32 -0.80 0.02	36.89 -0.75 0.01	38.08 -0.78 0.02	38.80 -0.83 0.00	48.15 -0.74 0.77	55.62 -0.22 0.00	64.56 0.26 0.00	56.51 0.40 0.00	46.81 0.33 0.00	41.44 0.17 0.00	37.75 0.15 0.00
HARDSCRABBLE_WT_PWR 323673	34.37 -0.49 0.00	31.75 -0.48 0.00	30.54 -0.50 0.00	29.38 -0.54 0.00	29.64 -0.60 0.00	33.59 -0.72 0.00	41.34 -0.84 0.00	54.32 -0.83 0.00	50.97 -0.77 0.00	47.03 -0.71 0.00	45.31 -0.69 0.00	43.10 -0.66 0.00	40.99 -0.67 0.00	39.42 -0.68 0.04	37.00 -0.64 0.01	38.18 -0.66 0.04	39.00 -0.64 0.00	47.82 -0.65 1.19	55.06 -0.78 0.00	63.60 -0.71 0.00	55.50 -0.62 0.00	46.07 -0.42 0.00	40.87 -0.41 0.00	37.19 -0.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.59 0.73 0.00	32.90 0.68 0.00	31.69 0.65 0.00	30.48 0.57 0.00	30.76 0.51 0.00	35.03 0.72 0.00	43.53 1.35 0.00	57.13 1.99 0.00	53.76 2.02 0.00	49.75 2.01 0.00	47.93 1.93 0.00	45.77 2.01 0.00	43.53 1.87 0.00	42.00 1.89 0.03	39.38 1.73 0.01	40.71 1.87 0.03	41.58 1.94 0.00	50.92 2.28 1.03	58.02 2.18 0.00	66.94 2.64 0.00	58.36 2.24 0.00	48.35 1.86 0.00	42.64 1.36 0.00	38.50 0.90 0.00
HARSNRAD_115KV_TB1 81005	33.19 -1.67 0.00	30.52 -1.71 0.00	29.51 -1.52 0.00	28.51 -1.41 0.00	28.94 -1.30 0.00	32.84 -1.48 0.00	40.75 -1.43 0.00	51.45 -3.69 0.00	48.02 -3.73 0.00	43.92 -3.82 0.00	42.04 -3.96 0.00	39.55 -4.20 0.01	37.74 -3.92 0.01	36.17 -3.89 0.08	34.06 -3.58 0.02	34.99 -3.81 0.08	35.75 -3.88 0.01	41.25 -5.21 3.20	51.09 -4.75 0.00	58.97 -5.34 0.00	51.17 -4.94 0.00	42.39 -4.09 0.00	38.35 -2.93 0.00	35.61 -1.99 0.00
HARZA MOOSE___RIVER 24016	34.90 0.03 0.00	32.16 -0.06 0.00	31.00 -0.03 0.00	29.91 0.00 0.00	30.18 -0.06 0.00	34.35 0.03 0.00	42.18 0.00 0.00	55.80 0.66 0.00	52.21 0.47 0.00	47.89 0.14 0.00	46.04 0.05 0.00	43.67 -0.09 0.00	41.57 -0.08 0.00	39.91 -0.20 0.04	37.45 -0.19 0.01	38.69 -0.16 0.04	39.52 -0.12 0.00	48.65 0.20 1.21	56.57 0.73 0.00	65.78 1.48 0.00	57.40 1.29 0.00	47.55 1.07 0.00	42.06 0.78 0.00	38.20 0.60 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.51 -0.35 0.00	31.84 -0.39 0.00	30.66 -0.37 0.00	29.53 -0.39 0.00	29.88 -0.36 0.00	33.83 -0.48 0.00	41.47 -0.72 0.00	53.98 -1.16 0.00	50.66 -1.09 0.00	46.65 -1.10 0.00	44.84 -1.15 0.00	42.62 -1.14 0.01	40.53 -1.12 0.01	39.00 -1.08 0.06	36.58 -1.05 0.01	37.76 -1.05 0.06	38.56 -1.07 0.01	46.25 -1.29 2.12	54.61 -1.23 0.00	62.95 -1.35 0.00	54.88 -1.23 0.00	45.42 -1.07 0.00	40.41 -0.87 0.00	37.00 -0.60 0.00
HELLGATE_13_KV_LD 55870	36.23 1.36 -0.01	33.39 1.16 0.00	32.19 1.15 -0.01	31.00 1.08 -0.01	31.25 1.00 -0.01	35.51 1.20 0.00	44.54 2.19 -0.16	57.84 2.70 0.00	54.49 2.74 0.00	50.97 2.96 -0.26	49.46 2.99 -0.48	50.22 3.06 -3.40	51.01 2.92 -6.44	50.22 2.85 -7.23	50.22 2.64 -9.93	50.26 2.84 -8.54	50.97 2.97 -8.36	56.83 3.33 -3.84	58.86 3.02 0.00	67.77 3.47 0.00	59.08 2.97 0.00	49.46 2.74 -0.23	44.46 2.11 -1.07	39.11 1.50 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.23 1.36 -0.01	33.39 1.16 0.00	32.19 1.15 -0.01	31.00 1.08 -0.01	31.25 1.00 -0.01	35.51 1.20 0.00	44.54 2.19 -0.16	57.84 2.70 0.00	54.49 2.74 0.00	50.97 2.96 -0.26	49.46 2.99 -0.48	50.22 3.06 -3.40	51.01 2.92 -6.44	50.22 2.85 -7.23	50.22 2.64 -9.93	50.26 2.84 -8.54	50.97 2.97 -8.36	56.83 3.33 -3.84	58.86 3.02 0.00	67.77 3.47 0.00	59.08 2.97 0.00	49.46 2.74 -0.23	44.46 2.11 -1.07	39.11 1.50 0.00
HEMPSTEAD____ 23647	36.01 1.15 0.00	33.13 0.90 0.00	31.84 0.81 0.00	30.69 0.78 0.00	30.85 0.60 0.00	35.24 0.93 0.00	43.83 1.64 0.00	57.12 1.98 0.00	54.18 2.43 0.00	50.61 2.86 0.00	49.03 3.03 0.00	46.87 3.11 0.00	44.62 2.96 0.00	43.00 2.89 0.03	40.32 2.67 0.01	41.68 2.84 0.03	42.53 2.89 0.00	51.92 3.28 1.02	58.63 2.79 0.00	67.64 3.34 0.00	58.92 2.80 0.00	48.90 2.42 0.00	43.09 1.81 0.00	38.81 1.20 0.00
HEWLETT_69_KV_BK3 55828	36.33 1.46 0.00	33.45 1.22 0.00	32.15 1.12 0.00	30.96 1.05 0.00	31.15 0.91 0.00	35.55 1.24 0.00	44.29 2.11 0.00	57.79 2.65 0.00	54.64 2.90 0.00	50.99 3.25 0.00	49.35 3.36 0.00	47.26 3.50 0.00	44.99 3.33 0.00	43.32 3.21 0.03	40.62 2.97 0.01	42.00 3.15 0.03	42.85 3.21 0.00	52.32 3.67 1.02	59.14 3.29 0.00	68.16 3.86 0.00	59.37 3.25 0.00	49.32 2.84 0.00	43.47 2.19 0.00	39.14 1.54 0.00
HICKLING___1 23621	34.65 -0.21 0.00	32.00 -0.23 0.00	30.88 -0.16 0.00	29.76 -0.15 0.00	30.15 -0.09 0.00	34.21 -0.10 0.00	42.48 0.30 0.00	54.54 -0.61 0.00	50.97 -0.78 0.00	46.69 -1.05 0.00	44.75 -1.24 0.00	42.18 -1.58 0.01	40.15 -1.50 0.01	38.27 -1.81 0.06	35.87 -1.77 0.01	36.87 -1.94 0.06	38.05 -1.59 0.01	43.43 -2.53 3.70	54.61 -1.23 0.00	63.34 -0.96 0.00	55.04 -1.07 0.00	45.51 -0.98 0.00	40.58 -0.70 0.00	37.38 -0.23 0.00
HICKLING___2 23622	34.65 -0.21 0.00	32.00 -0.23 0.00	30.88 -0.16 0.00	29.76 -0.15 0.00	30.15 -0.09 0.00	34.21 -0.10 0.00	42.48 0.30 0.00	54.54 -0.61 0.00	50.97 -0.78 0.00	46.69 -1.05 0.00	44.75 -1.24 0.00	42.18 -1.58 0.01	40.15 -1.50 0.01	38.27 -1.81 0.06	35.87 -1.77 0.01	36.87 -1.94 0.06	38.05 -1.59 0.01	43.43 -2.53 3.70	54.61 -1.23 0.00	63.34 -0.96 0.00	55.04 -1.07 0.00	45.51 -0.98 0.00	40.58 -0.70 0.00	37.38 -0.23 0.00
HIGH FALLS___HY 23754	35.70 0.84 0.00	33.00 0.77 0.00	31.75 0.71 0.00	30.54 0.63 0.00	30.82 0.57 0.00	35.14 0.82 0.00	43.75 1.56 0.00	57.46 2.32 0.00	54.02 2.28 0.00	49.89 2.15 0.00	48.06 2.07 0.00	45.81 2.06 0.00	43.57 1.92 0.00	42.04 1.93 0.03	39.38 1.73 0.01	40.79 1.94 0.03	41.70 2.06 0.00	51.17 2.53 1.02	58.35 2.51 0.00	67.32 3.02 0.00	58.80 2.69 0.00	48.72 2.23 0.00	42.93 1.65 0.00	38.77 1.17 0.00
HIGH_RIVER___SOLAR 323847	35.91 1.04 0.00	33.19 0.97 0.00	31.93 0.90 0.00	30.75 0.84 0.00	31.09 0.85 0.00	35.34 1.03 0.00	43.62 1.44 0.00	57.02 1.88 0.00	53.30 1.55 0.00	48.84 1.10 0.00	46.91 0.92 0.00	44.59 0.83 0.00	42.45 0.79 0.00	40.87 0.76 0.03	38.55 0.90 0.01	39.86 1.01 0.03	40.79 1.15 0.00	50.42 1.79 1.02	57.91 2.07 0.00	66.94 2.64 0.00	58.30 2.19 0.00	48.30 1.81 0.00	42.76 1.48 0.00	38.73 1.13 0.00

HILLBURN___GT 23639	35.60 0.73 0.00	32.87 0.64 0.00	31.69 0.65 0.00	30.48 0.57 0.00	30.76 0.51 0.00	35.03 0.72 0.00	43.57 1.39 0.00	57.12 1.98 0.00	53.71 1.97 0.00	49.80 2.05 0.00	48.07 2.07 0.00	45.81 2.06 0.00	43.62 1.96 0.00	42.08 1.97 0.03	39.45 1.81 0.01	40.79 1.94 0.03	41.66 2.02 0.00	50.97 2.33 1.03	58.02 2.18 0.00	66.94 2.64 0.00	58.30 2.19 0.00	48.30 1.81 0.00	42.64 1.36 0.00	38.43 0.83 0.00
HILLSIDE_115KV_TB1 80332	34.30 -0.56 0.00	31.68 -0.55 0.00	30.57 -0.47 0.00	29.47 -0.45 0.00	29.85 -0.39 0.00	33.90 -0.41 0.00	42.06 -0.13 0.00	53.93 -1.21 0.00	50.40 -1.35 0.00	46.17 -1.58 0.00	44.29 -1.70 0.00	41.78 -1.97 0.01	39.78 -1.87 0.01	37.91 -2.17 0.06	35.57 -2.07 0.01	36.52 -2.29 0.06	37.73 -1.90 0.01	43.12 -2.98 3.56	53.94 -1.90 0.00	62.50 -1.80 0.00	54.32 -1.80 0.00	44.91 -1.58 0.00	40.04 -1.24 0.00	36.93 -0.68 0.00
HISHELDN_WT_PWR 323625	33.40 -1.46 0.00	30.88 -1.35 0.00	29.73 -1.30 0.00	28.69 -1.23 0.00	29.10 -1.15 0.00	33.01 -1.30 0.00	40.96 -1.22 0.00	52.00 -3.14 0.00	48.64 -3.10 0.00	44.40 -3.34 0.00	42.45 -3.54 0.00	39.94 -3.81 0.01	38.03 -3.62 0.01	36.25 -3.81 0.08	34.17 -3.46 0.02	35.03 -3.77 0.08	35.90 -3.73 0.01	41.38 -4.97 3.32	51.82 -4.02 0.00	60.19 -4.12 0.00	52.29 -3.82 0.00	43.28 -3.21 0.00	38.80 -2.48 0.00	36.10 -1.51 0.00
HOLTSVILLE_IC_1 23690	35.98 1.12 0.00	33.06 0.84 0.00	31.72 0.68 0.00	30.60 0.69 0.00	30.73 0.48 0.00	35.10 0.79 0.00	43.66 1.48 0.00	56.74 1.60 0.00	54.18 2.43 0.00	50.66 2.91 0.00	48.98 2.99 0.00	46.78 3.02 0.00	44.57 2.92 0.00	42.96 2.85 0.03	40.24 2.60 0.01	41.61 2.76 0.03	42.41 2.77 0.00	51.82 3.18 1.02	58.47 2.63 0.00	67.45 3.15 0.00	58.75 2.64 0.00	48.63 2.14 0.00	42.85 1.57 0.00	38.50 0.90 0.00
HOLTSVILLE_IC_10 23699	36.12 1.25 0.00	33.16 0.94 0.00	31.78 0.74 0.00	30.66 0.75 0.00	30.79 0.54 0.00	35.17 0.86 0.00	43.79 1.60 0.00	56.91 1.76 0.00	54.44 2.69 0.00	50.89 3.15 0.00	49.12 3.13 0.00	46.95 3.19 0.00	44.70 3.04 0.00	43.08 2.97 0.03	40.39 2.75 0.01	41.76 2.92 0.03	42.57 2.93 0.00	51.97 3.33 1.02	58.69 2.85 0.00	67.77 3.47 0.00	58.97 2.86 0.00	48.76 2.28 0.00	42.97 1.69 0.00	38.62 1.02 0.00
HOLTSVILLE_IC_2 23691	35.98 1.12 0.00	33.06 0.84 0.00	31.72 0.68 0.00	30.60 0.69 0.00	30.73 0.48 0.00	35.10 0.79 0.00	43.66 1.48 0.00	56.74 1.60 0.00	54.18 2.43 0.00	50.66 2.91 0.00	48.98 2.99 0.00	46.78 3.02 0.00	44.57 2.92 0.00	42.96 2.85 0.03	40.24 2.60 0.01	41.61 2.76 0.03	42.41 2.77 0.00	51.82 3.18 1.02	58.47 2.63 0.00	67.45 3.15 0.00	58.75 2.64 0.00	48.63 2.14 0.00	42.85 1.57 0.00	38.50 0.90 0.00
HOLTSVILLE_IC_3 23692	35.98 1.12 0.00	33.06 0.84 0.00	31.72 0.68 0.00	30.60 0.69 0.00	30.73 0.48 0.00	35.10 0.79 0.00	43.66 1.48 0.00	56.74 1.60 0.00	54.18 2.43 0.00	50.66 2.91 0.00	48.98 2.99 0.00	46.78 3.02 0.00	44.57 2.92 0.00	42.96 2.85 0.03	40.24 2.60 0.01	41.61 2.76 0.03	42.41 2.77 0.00	51.82 3.18 1.02	58.47 2.63 0.00	67.45 3.15 0.00	58.75 2.64 0.00	48.63 2.14 0.00	42.85 1.57 0.00	38.50 0.90 0.00
HOLTSVILLE_IC_4 23693	35.98 1.12 0.00	33.06 0.84 0.00	31.72 0.68 0.00	30.60 0.69 0.00	30.73 0.48 0.00	35.10 0.79 0.00	43.66 1.48 0.00	56.74 1.60 0.00	54.18 2.43 0.00	50.66 2.91 0.00	48.98 2.99 0.00	46.78 3.02 0.00	44.57 2.92 0.00	42.96 2.85 0.03	40.24 2.60 0.01	41.61 2.76 0.03	42.41 2.77 0.00	51.82 3.18 1.02	58.47 2.63 0.00	67.45 3.15 0.00	58.75 2.64 0.00	48.63 2.14 0.00	42.85 1.57 0.00	38.50 0.90 0.00
HOLTSVILLE_IC_5 23694	35.98 1.12 0.00	33.06 0.84 0.00	31.72 0.68 0.00	30.60 0.69 0.00	30.73 0.48 0.00	35.10 0.79 0.00	43.66 1.48 0.00	56.74 1.60 0.00	54.18 2.43 0.00	50.66 2.91 0.00	48.98 2.99 0.00	46.78 3.02 0.00	44.57 2.92 0.00	42.96 2.85 0.03	40.24 2.60 0.01	41.61 2.76 0.03	42.41 2.77 0.00	51.82 3.18 1.02	58.47 2.63 0.00	67.45 3.15 0.00	58.75 2.64 0.00	48.63 2.14 0.00	42.85 1.57 0.00	38.50 0.90 0.00
HOLTSVILLE_IC_6 23695	36.12 1.25 0.00	33.16 0.94 0.00	31.78 0.74 0.00	30.66 0.75 0.00	30.79 0.54 0.00	35.17 0.86 0.00	43.79 1.60 0.00	56.91 1.76 0.00	54.44 2.69 0.00	50.89 3.15 0.00	49.12 3.13 0.00	46.95 3.19 0.00	44.70 3.04 0.00	43.08 2.97 0.03	40.39 2.75 0.01	41.76 2.92 0.03	42.57 2.93 0.00	51.97 3.33 1.02	58.69 2.85 0.00	67.77 3.47 0.00	58.97 2.86 0.00	48.76 2.28 0.00	42.97 1.69 0.00	38.62 1.02 0.00
HOLTSVILLE_IC_7 23696	36.12 1.25 0.00	33.16 0.94 0.00	31.78 0.74 0.00	30.66 0.75 0.00	30.79 0.54 0.00	35.17 0.86 0.00	43.79 1.60 0.00	56.91 1.76 0.00	54.44 2.69 0.00	50.89 3.15 0.00	49.12 3.13 0.00	46.95 3.19 0.00	44.70 3.04 0.00	43.08 2.97 0.03	40.39 2.75 0.01	41.76 2.92 0.03	42.57 2.93 0.00	51.97 3.33 1.02	58.69 2.85 0.00	67.77 3.47 0.00	58.97 2.86 0.00	48.76 2.28 0.00	42.97 1.69 0.00	38.62 1.02 0.00
HOLTSVILLE_IC_8 23697	36.12 1.25 0.00	33.16 0.94 0.00	31.78 0.74 0.00	30.66 0.75 0.00	30.79 0.54 0.00	35.17 0.86 0.00	43.79 1.60 0.00	56.91 1.76 0.00	54.44 2.69 0.00	50.89 3.15 0.00	49.12 3.13 0.00	46.95 3.19 0.00	44.70 3.04 0.00	43.08 2.97 0.03	40.39 2.75 0.01	41.76 2.92 0.03	42.57 2.93 0.00	51.97 3.33 1.02	58.69 2.85 0.00	67.77 3.47 0.00	58.97 2.86 0.00	48.76 2.28 0.00	42.97 1.69 0.00	38.62 1.02 0.00
HOLTSVILLE_IC_9 23698	36.12 1.25 0.00	33.16 0.94 0.00	31.78 0.74 0.00	30.66 0.75 0.00	30.79 0.54 0.00	35.17 0.86 0.00	43.79 1.60 0.00	56.91 1.76 0.00	54.44 2.69 0.00	50.89 3.15 0.00	49.12 3.13 0.00	46.95 3.19 0.00	44.70 3.04 0.00	43.08 2.97 0.03	40.39 2.75 0.01	41.76 2.92 0.03	42.57 2.93 0.00	51.97 3.33 1.02	58.69 2.85 0.00	67.77 3.47 0.00	58.97 2.86 0.00	48.76 2.28 0.00	42.97 1.69 0.00	38.62 1.02 0.00
HOMER_HL_115KV_TB2 355744	34.58 -0.28 0.00	31.94 -0.29 0.00	30.88 -0.16 0.00	29.82 -0.09 0.00	30.28 0.03 0.00	34.42 0.10 0.00	43.07 0.89 0.00	54.20 -0.94 0.00	50.61 -1.14 0.00	46.12 -1.62 0.00	44.11 -1.89 0.00	41.43 -2.32 0.01	39.49 -2.17 0.01	36.70 -3.37 0.07	34.40 -3.24 0.02	34.88 -3.93 0.07	37.29 -2.34 0.01	41.04 -5.36 3.25	53.66 -2.18 0.00	62.31 -1.99 0.00	53.98 -2.13 0.00	44.58 -1.91 0.00	40.00 -1.28 0.00	37.38 -0.23 0.00
HOWARD_WT_PWR 323690	34.48 -0.38 0.00	31.91 -0.32 0.00	30.72 -0.31 0.00	29.59 -0.33 0.00	29.88 -0.36 0.00	33.90 -0.41 0.00	41.97 -0.21 0.00	53.71 -1.43 0.00	49.99 -1.76 0.00	45.55 -2.20 0.00	43.46 -2.53 0.00	41.04 -2.71 0.01	38.99 -2.67 0.01	36.86 -3.21 0.07	34.85 -2.79 0.02	35.78 -3.03 0.07	36.82 -2.81 0.01	41.97 -3.82 3.87	53.44 -2.40 0.00	62.31 -1.99 0.00	54.20 -1.91 0.00	44.90 -1.58 0.00	40.04 -1.24 0.00	37.00 -0.60 0.00

HQ_GEN_CEDARS 23644	35.07 0.21 0.00	32.45 0.23 0.00	31.25 0.22 0.00	30.18 0.27 0.00	30.58 0.33 0.00	34.66 0.34 0.00	42.65 0.46 0.00	56.02 0.88 0.00	52.42 0.67 0.00	48.37 0.62 0.00	46.55 0.55 0.00	44.20 0.44 0.00	42.16 0.50 0.00	40.49 0.36 0.01	38.03 0.38 0.00	39.14 0.27 0.01	39.80 0.16 0.00	49.57 0.25 0.34	56.46 0.61 0.00	65.01 0.71 0.00	56.90 0.79 0.00	47.18 0.70 0.00	41.98 0.70 0.00	38.35 0.75 0.00
HQ_GEN_CEDARS_PROXY 323590	35.07 0.21 0.00	32.46 0.23 0.00	31.25 0.22 0.00	30.18 0.27 0.00	30.58 0.33 0.00	34.66 0.34 0.00	42.92 0.46 -0.27	55.76 0.88 0.27	52.42 0.67 0.00	48.36 0.62 0.00	46.55 0.55 0.00	44.20 0.44 0.00	42.16 0.50 0.00	40.49 0.36 0.01	38.03 0.38 0.00	39.14 0.27 0.01	39.80 0.16 0.00	49.57 0.25 0.34	56.46 0.62 0.00	65.01 0.71 0.00	56.90 0.79 0.00	47.18 0.70 0.00	41.98 0.70 0.00	38.35 0.75 0.00
HQ_GEN_IMPORT 323601	34.90 0.03 0.00	32.29 0.06 0.00	31.13 0.09 0.00	30.03 0.12 0.00	30.40 0.15 0.00	34.48 0.17 0.00	42.66 0.21 -0.27	55.21 0.33 0.27	52.01 0.26 0.00	47.98 0.24 0.00	46.23 0.23 0.00	43.94 0.18 0.00	41.87 0.21 0.00	40.30 0.16 0.01	37.80 0.15 0.00	38.99 0.12 0.01	39.72 0.08 0.00	49.54 0.05 0.17	56.07 0.22 0.00	64.50 0.19 0.00	56.39 0.28 0.00	46.77 0.28 0.00	41.61 0.33 0.00	37.94 0.34 0.00
HQ_GEN_WHEEL 23651	34.90 0.03 0.00	32.29 0.06 0.00	31.13 0.09 0.00	30.03 0.12 0.00	30.40 0.15 0.00	34.48 0.17 0.00	42.66 0.21 -0.27	55.21 0.33 0.27	52.01 0.26 0.00	47.98 0.24 0.00	46.23 0.23 0.00	43.94 0.18 0.00	41.87 0.21 0.00	40.30 0.16 0.01	37.80 0.15 0.00	38.99 0.12 0.01	39.72 0.08 0.00	49.54 0.05 0.17	56.07 0.22 0.00	64.50 0.19 0.00	56.39 0.28 0.00	46.77 0.28 0.00	41.61 0.33 0.00	37.94 0.34 0.00
HUDSON_AVE_GT_3 23810	36.05 1.19 0.00	33.26 1.03 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.41 1.10 0.00	44.17 1.98 0.00	57.73 2.59 0.00	54.39 2.64 0.00	50.51 2.77 0.00	48.80 2.81 0.00	46.65 2.89 0.00	44.41 2.75 0.00	42.80 2.69 0.03	40.13 2.48 0.01	41.53 2.68 0.03	42.45 2.81 0.00	51.87 3.23 1.02	58.80 2.96 0.00	67.71 3.41 0.00	59.03 2.92 0.00	49.04 2.56 0.00	43.26 1.98 0.00	38.96 1.35 0.00
HUDSON_AVE_GT_4 23540	36.05 1.19 0.00	33.26 1.03 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.41 1.10 0.00	44.17 1.98 0.00	57.73 2.59 0.00	54.39 2.64 0.00	50.51 2.77 0.00	48.80 2.81 0.00	46.65 2.89 0.00	44.41 2.75 0.00	42.80 2.69 0.03	40.13 2.48 0.01	41.53 2.68 0.03	42.45 2.81 0.00	51.87 3.23 1.02	58.80 2.96 0.00	67.71 3.41 0.00	59.03 2.92 0.00	49.04 2.56 0.00	43.26 1.98 0.00	38.96 1.35 0.00
HUDSON_AVE_GT_5 23657	36.05 1.19 0.00	33.26 1.03 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.41 1.10 0.00	44.17 1.98 0.00	57.73 2.59 0.00	54.39 2.64 0.00	50.51 2.77 0.00	48.80 2.81 0.00	46.65 2.89 0.00	44.41 2.75 0.00	42.80 2.69 0.03	40.13 2.48 0.01	41.53 2.68 0.03	42.45 2.81 0.00	51.87 3.23 1.02	58.80 2.96 0.00	67.71 3.41 0.00	59.03 2.92 0.00	49.04 2.56 0.00	43.26 1.98 0.00	38.96 1.35 0.00
HUDSON_AVE_10 24168	35.98 1.12 0.00	33.20 0.97 0.00	31.93 0.90 0.00	30.75 0.84 0.00	31.00 0.76 0.00	35.34 1.03 0.00	44.12 1.94 0.00	57.62 2.48 0.00	54.33 2.59 0.00	50.47 2.72 0.00	48.71 2.71 0.00	46.60 2.84 0.00	44.32 2.67 0.00	42.76 2.65 0.03	40.09 2.45 0.01	41.49 2.64 0.03	42.41 2.77 0.00	51.77 3.13 1.02	58.74 2.90 0.00	67.65 3.34 0.00	58.97 2.86 0.00	49.00 2.51 0.00	43.18 1.90 0.00	38.88 1.28 0.00
HUDSON___115KV_TB 4 355613	35.66 0.80 0.00	32.97 0.74 0.00	31.75 0.71 0.00	30.60 0.69 0.00	30.91 0.67 0.00	35.07 0.75 0.00	43.20 1.01 0.00	56.80 1.65 0.00	53.25 1.50 0.00	48.94 1.19 0.00	47.05 1.06 0.00	44.81 1.05 0.00	42.57 0.92 0.00	41.04 0.92 0.03	38.55 0.90 0.01	39.82 0.97 0.03	40.71 1.07 0.00	50.26 1.59 0.99	57.52 1.68 0.00	66.42 2.12 0.00	57.91 1.80 0.00	47.97 1.49 0.00	42.47 1.20 0.00	38.47 0.86 0.00
HUNTER MOUNT___DRP 323613	35.80 0.94 0.00	33.07 0.84 0.00	31.87 0.84 0.00	30.72 0.81 0.00	31.03 0.79 0.00	35.20 0.89 0.00	43.37 1.18 0.00	57.13 1.99 0.00	53.51 1.76 0.00	49.08 1.34 0.00	47.10 1.10 0.00	44.85 1.09 0.00	42.57 0.92 0.00	41.04 0.92 0.03	38.55 0.90 0.01	39.82 0.97 0.03	40.71 1.07 0.00	50.36 1.69 0.99	57.68 1.84 0.00	66.62 2.31 0.00	58.19 2.08 0.00	48.16 1.67 0.00	42.64 1.36 0.00	38.69 1.09 0.00
HUNTINGTON_RES_REC 323705	36.05 1.19 0.00	33.13 0.90 0.00	31.81 0.78 0.00	30.72 0.81 0.00	30.88 0.64 0.00	35.27 0.96 0.00	43.91 1.73 0.00	56.85 1.71 0.00	54.18 2.43 0.00	50.80 3.06 0.00	49.21 3.22 0.00	47.05 3.28 0.00	44.82 3.16 0.00	43.16 3.05 0.03	40.50 2.86 0.01	41.88 3.03 0.03	42.69 3.05 0.00	52.17 3.53 1.02	58.63 2.79 0.00	67.58 3.28 0.00	58.92 2.80 0.00	48.99 2.51 0.00	43.18 1.90 0.00	38.77 1.17 0.00
HUNTLEY___63 23557	33.64 -1.22 0.00	30.94 -1.29 0.00	29.95 -1.09 0.00	28.90 -1.02 0.00	29.37 -0.88 0.00	33.32 -1.00 0.00	41.43 -0.76 0.00	52.22 -2.92 0.00	48.80 -2.95 0.00	44.64 -3.10 0.00	42.73 -3.27 0.00	40.25 -3.50 0.01	38.40 -3.25 0.01	36.69 -3.37 0.08	34.55 -3.09 0.02	35.45 -3.34 0.08	36.30 -3.33 0.01	41.80 -4.67 3.20	51.88 -3.96 0.00	59.87 -4.44 0.00	51.90 -4.21 0.00	43.00 -3.49 0.00	38.92 -2.35 0.00	36.17 -1.43 0.00
HUNTLEY___64 23558	33.64 -1.22 0.00	30.94 -1.29 0.00	29.95 -1.09 0.00	28.90 -1.02 0.00	29.37 -0.88 0.00	33.32 -1.00 0.00	41.43 -0.76 0.00	52.22 -2.92 0.00	48.80 -2.95 0.00	44.64 -3.10 0.00	42.73 -3.27 0.00	40.25 -3.50 0.01	38.40 -3.25 0.01	36.69 -3.37 0.08	34.55 -3.09 0.02	35.45 -3.34 0.08	36.30 -3.33 0.01	41.80 -4.67 3.20	51.88 -3.96 0.00	59.87 -4.44 0.00	51.90 -4.21 0.00	43.00 -3.49 0.00	38.92 -2.35 0.00	36.17 -1.43 0.00
HUNTLEY___65 23559	33.64 -1.22 0.00	30.94 -1.29 0.00	29.95 -1.09 0.00	28.90 -1.02 0.00	29.37 -0.88 0.00	33.32 -1.00 0.00	41.43 -0.76 0.00	52.22 -2.92 0.00	48.80 -2.95 0.00	44.64 -3.10 0.00	42.73 -3.27 0.00	40.25 -3.50 0.01	38.40 -3.25 0.01	36.69 -3.37 0.08	34.55 -3.09 0.02	35.45 -3.34 0.08	36.30 -3.33 0.01	41.80 -4.67 3.20	51.88 -3.96 0.00	59.87 -4.44 0.00	51.90 -4.21 0.00	43.00 -3.49 0.00	38.92 -2.35 0.00	36.17 -1.43 0.00
HUNTLEY___66 23560	33.64 -1.22 0.00	30.94 -1.29 0.00	29.95 -1.09 0.00	28.90 -1.02 0.00	29.37 -0.88 0.00	33.32 -1.00 0.00	41.43 -0.76 0.00	52.22 -2.92 0.00	48.80 -2.95 0.00	44.64 -3.10 0.00	42.73 -3.27 0.00	40.25 -3.50 0.01	38.40 -3.25 0.01	36.69 -3.37 0.08	34.55 -3.09 0.02	35.45 -3.34 0.08	36.30 -3.33 0.01	41.80 -4.67 3.20	51.88 -3.96 0.00	59.87 -4.44 0.00	51.90 -4.21 0.00	43.00 -3.49 0.00	38.92 -2.35 0.00	36.17 -1.43 0.00

HUNTLEY___67 23561	33.50 -1.36 0.00	30.81 -1.42 0.00	29.79 -1.24 0.00	28.78 -1.14 0.00	29.25 -1.00 0.00	33.18 -1.13 0.00	41.21 -0.97 0.00	51.94 -3.20 0.00	48.54 -3.21 0.00	44.40 -3.34 0.00	42.50 -3.50 0.00	40.03 -3.72 0.01	38.19 -3.46 0.01	36.45 -3.61 0.08	34.32 -3.31 0.02	35.22 -3.58 0.08	36.18 -3.45 0.01	41.45 -5.02 3.20	51.60 -4.24 0.00	59.54 -4.76 0.00	51.62 -4.49 0.00	42.77 -3.72 0.00	38.68 -2.60 0.00	35.95 -1.65 0.00
HUNTLEY___68 23562	33.50 -1.36 0.00	30.81 -1.42 0.00	29.79 -1.24 0.00	28.78 -1.14 0.00	29.25 -1.00 0.00	33.18 -1.13 0.00	41.21 -0.97 0.00	51.94 -3.20 0.00	48.54 -3.21 0.00	44.40 -3.34 0.00	42.50 -3.50 0.00	40.03 -3.72 0.01	38.19 -3.46 0.01	36.45 -3.61 0.08	34.32 -3.31 0.02	35.22 -3.58 0.08	36.18 -3.45 0.01	41.45 -5.02 3.20	51.60 -4.24 0.00	59.54 -4.76 0.00	51.62 -4.49 0.00	42.77 -3.72 0.00	38.68 -2.60 0.00	35.95 -1.65 0.00
HYLAND___LFGE 323620	35.28 0.42 0.00	32.68 0.45 0.00	31.38 0.34 0.00	30.18 0.27 0.00	30.64 0.39 0.00	34.83 0.52 0.00	43.32 1.14 0.00	55.48 0.33 0.00	50.92 -0.83 0.00	45.69 -2.05 0.00	43.28 -2.71 0.00	40.73 -3.02 0.01	38.65 -3.00 0.01	37.10 -2.97 0.08	34.85 -2.79 0.02	36.04 -2.76 0.08	37.01 -2.62 0.01	43.59 -2.68 3.39	55.01 -0.84 0.00	64.56 0.26 0.00	56.39 0.28 0.00	46.49 0.00 0.00	41.44 0.17 0.00	38.09 0.49 0.00
INDECK___CORINTH 23802	36.12 1.25 0.00	33.39 1.16 0.00	32.09 1.06 0.00	30.87 0.96 0.00	31.24 1.00 0.00	35.55 1.23 0.00	42.77 0.59 0.00	56.30 1.16 0.00	52.94 1.19 0.00	48.70 0.95 0.00	46.82 0.83 0.00	44.68 0.92 0.00	42.32 0.66 0.00	40.72 0.60 0.03	38.36 0.71 0.01	39.62 0.78 0.03	40.31 0.67 0.00	49.65 0.99 1.00	56.96 1.12 0.00	65.97 1.67 0.00	57.29 1.18 0.00	47.32 0.84 0.00	42.02 0.74 0.00	37.90 0.30 0.00
INDECK___ILION 23567	34.72 -0.14 0.00	32.10 -0.13 0.00	30.88 -0.16 0.00	29.74 -0.18 0.00	30.03 -0.21 0.00	34.07 -0.24 0.00	41.89 -0.30 0.00	54.98 -0.17 0.00	51.59 -0.16 0.00	47.60 -0.14 0.00	45.86 -0.14 0.00	43.63 -0.13 0.00	41.53 -0.12 0.00	39.99 -0.12 0.04	37.53 -0.11 0.01	38.72 -0.12 0.04	39.56 -0.08 0.00	48.42 -0.05 1.19	55.73 -0.11 0.00	64.30 0.00 0.00	56.11 0.00 0.00	46.53 0.05 0.00	41.24 -0.04 0.00	37.49 -0.11 0.00
INDECK___OLEAN 23982	34.58 -0.28 0.00	32.04 -0.19 0.00	30.88 -0.15 0.00	29.83 -0.09 0.00	30.28 0.03 0.00	34.42 0.10 0.00	43.07 0.89 0.00	54.20 -0.94 0.00	50.66 -1.09 0.00	46.12 -1.62 0.00	44.11 -1.89 0.00	41.43 -2.32 0.01	39.48 -2.17 0.01	36.25 -3.81 0.07	35.00 -2.64 0.02	34.92 -3.89 0.07	37.29 -2.34 0.01	41.04 -5.36 3.25	53.61 -2.24 0.00	62.31 -1.99 0.00	53.98 -2.13 0.00	44.58 -1.91 0.00	39.87 -1.40 0.00	37.38 -0.22 0.00
INDECK___OSWEGO 23783	34.17 -0.70 0.00	31.55 -0.68 0.00	30.38 -0.65 0.00	29.26 -0.66 0.00	29.58 -0.67 0.00	33.49 -0.82 0.00	40.96 -1.22 0.00	53.49 -1.65 0.00	50.14 -1.60 0.00	46.17 -1.57 0.00	44.38 -1.61 0.00	42.19 -1.57 0.00	40.12 -1.54 0.00	38.65 -1.48 0.01	36.22 -1.43 0.00	37.43 -1.44 0.01	38.17 -1.47 0.00	47.52 -1.74 0.40	54.05 -1.79 0.00	62.31 -1.99 0.00	54.31 -1.80 0.00	44.90 -1.58 0.00	39.92 -1.36 0.00	36.59 -1.01 0.00
INDECK___YERKES 23781	33.68 -1.19 0.00	31.10 -1.13 0.00	29.98 -1.06 0.00	28.96 -0.96 0.00	29.40 -0.85 0.00	33.35 -0.96 0.00	41.47 -0.72 0.00	52.27 -2.87 0.00	48.90 -2.85 0.00	44.69 -3.06 0.00	42.77 -3.22 0.00	40.29 -3.46 0.01	38.44 -3.21 0.01	36.65 -3.41 0.08	34.62 -3.01 0.02	35.49 -3.30 0.08	36.34 -3.29 0.01	41.85 -4.62 3.20	51.93 -3.91 0.00	59.93 -4.37 0.00	52.02 -4.09 0.00	43.05 -3.44 0.00	38.76 -2.52 0.00	36.21 -1.39 0.00
INDIAN POINT_GT_1 24139	35.70 0.84 0.00	33.00 0.77 0.00	31.75 0.71 0.00	30.57 0.66 0.00	30.82 0.57 0.00	35.10 0.79 0.00	43.62 1.43 0.00	57.13 1.99 0.00	53.76 2.02 0.00	49.85 2.10 0.00	48.11 2.12 0.00	45.95 2.19 0.00	43.70 2.04 0.00	42.16 2.05 0.03	39.53 1.88 0.01	40.87 2.02 0.03	41.78 2.14 0.00	51.07 2.43 1.02	58.13 2.29 0.00	67.00 2.70 0.00	58.36 2.24 0.00	48.39 1.91 0.00	42.68 1.40 0.00	38.47 0.86 0.00
INDIAN POINT_GT_2 23659	35.70 0.84 0.00	33.00 0.77 0.00	31.75 0.71 0.00	30.57 0.66 0.00	30.82 0.57 0.00	35.10 0.79 0.00	43.62 1.43 0.00	57.13 1.99 0.00	53.76 2.02 0.00	49.85 2.10 0.00	48.11 2.12 0.00	45.95 2.19 0.00	43.70 2.04 0.00	42.16 2.05 0.03	39.53 1.88 0.01	40.87 2.02 0.03	41.78 2.14 0.00	51.07 2.43 1.02	58.13 2.29 0.00	67.00 2.70 0.00	58.36 2.24 0.00	48.39 1.91 0.00	42.68 1.40 0.00	38.47 0.86 0.00
INDIAN POINT_GT_3 24019	35.70 0.84 0.00	33.00 0.77 0.00	31.75 0.71 0.00	30.57 0.66 0.00	30.82 0.57 0.00	35.10 0.79 0.00	43.62 1.43 0.00	57.13 1.99 0.00	53.76 2.02 0.00	49.85 2.10 0.00	48.11 2.12 0.00	45.95 2.19 0.00	43.70 2.04 0.00	42.16 2.05 0.03	39.53 1.88 0.01	40.87 2.02 0.03	41.78 2.14 0.00	51.07 2.43 1.02	58.13 2.29 0.00	67.00 2.70 0.00	58.36 2.24 0.00	48.39 1.91 0.00	42.68 1.40 0.00	38.47 0.86 0.00
INDIAN POINT___2 23530	35.56 0.70 0.00	32.84 0.61 0.00	31.62 0.59 0.00	30.45 0.54 0.00	30.70 0.45 0.00	34.96 0.65 0.00	43.45 1.26 0.00	56.91 1.76 0.00	53.51 1.76 0.00	49.60 1.86 0.00	47.88 1.89 0.00	45.68 1.92 0.00	43.45 1.79 0.00	41.92 1.81 0.03	39.34 1.70 0.01	40.64 1.79 0.03	41.54 1.90 0.00	50.82 2.18 1.02	57.85 2.01 0.00	66.68 2.38 0.00	58.07 1.96 0.00	48.16 1.67 0.00	42.51 1.24 0.00	38.31 0.71 0.00
INDIAN POINT___3 23531	35.70 0.84 0.00	33.00 0.77 0.00	31.75 0.71 0.00	30.54 0.63 0.00	30.82 0.57 0.00	35.10 0.79 0.00	43.62 1.43 0.00	57.13 1.99 0.00	53.76 2.02 0.00	49.85 2.10 0.00	48.11 2.12 0.00	45.95 2.19 0.00	43.70 2.04 0.00	42.16 2.05 0.03	39.53 1.88 0.01	40.87 2.02 0.03	41.78 2.14 0.00	51.12 2.48 1.02	58.07 2.23 0.00	66.94 2.64 0.00	58.36 2.24 0.00	48.39 1.91 0.00	42.68 1.40 0.00	38.50 0.90 0.00
INGHAM_C_115KV_TB7 356103	34.30 -0.56 0.00	31.68 -0.55 0.00	30.44 -0.59 0.00	29.32 -0.60 0.00	29.58 -0.67 0.00	33.52 -0.79 0.00	41.21 -0.97 0.00	54.15 -0.99 0.00	50.87 -0.88 0.00	46.93 -0.81 0.00	45.21 -0.78 0.00	43.01 -0.74 0.00	40.87 -0.79 0.00	39.34 -0.76 0.04	36.93 -0.72 0.01	38.10 -0.74 0.04	38.92 -0.71 0.00	47.72 -0.74 1.19	54.95 -0.89 0.00	63.47 -0.84 0.00	55.38 -0.73 0.00	45.97 -0.51 0.00	40.74 -0.54 0.00	37.08 -0.53 0.00
IP CORINTH___1 23988	36.12 1.26 0.00	33.42 1.19 0.00	32.09 1.06 0.00	30.87 0.96 0.00	31.24 1.00 0.00	35.55 1.24 0.00	42.99 0.80 0.00	56.63 1.49 0.00	53.25 1.50 0.00	48.99 1.24 0.00	47.10 1.10 0.00	44.90 1.14 0.00	42.53 0.87 0.00	40.92 0.80 0.03	38.55 0.90 0.01	39.74 0.89 0.03	40.51 0.87 0.00	49.95 1.29 1.00	57.24 1.40 0.00	66.36 2.06 0.00	57.63 1.51 0.00	47.60 1.12 0.00	42.23 0.95 0.00	38.09 0.49 0.00

IP___TICONDEROGA 23804	36.78 1.92 0.00	34.07 1.84 0.00	32.68 1.64 0.00	31.44 1.53 0.00	31.85 1.60 0.00	36.27 1.96 0.00	44.17 1.98 0.00	58.45 3.31 0.00	55.01 3.26 0.00	50.37 2.63 0.00	48.39 2.39 0.00	46.03 2.28 0.00	43.37 1.71 0.00	41.64 1.53 0.03	39.30 1.66 0.01	40.56 1.71 0.03	41.26 1.63 0.00	51.34 2.68 1.00	59.08 3.24 0.00	69.00 4.69 0.00	59.76 3.65 0.00	49.23 2.74 0.00	43.55 2.27 0.00	39.18 1.58 0.00
ISLIP_RES_REC 323679	36.22 1.36 0.00	33.26 1.03 0.00	31.87 0.84 0.00	30.75 0.84 0.00	30.88 0.64 0.00	35.27 0.96 0.00	43.96 1.77 0.00	57.18 2.04 0.00	54.64 2.90 0.00	51.13 3.39 0.00	49.35 3.36 0.00	47.13 3.37 0.00	44.91 3.25 0.00	43.25 3.13 0.03	40.54 2.90 0.01	41.92 3.07 0.03	42.73 3.09 0.00	52.22 3.58 1.02	58.97 3.13 0.00	68.09 3.79 0.00	59.25 3.14 0.00	48.95 2.46 0.00	43.14 1.86 0.00	38.73 1.13 0.00
JAMAICA__27_KV_LOAD 355505	36.12 1.26 0.00	33.32 1.10 0.00	32.09 1.06 0.00	30.87 0.96 0.00	31.12 0.88 0.00	35.51 1.20 0.00	44.38 2.19 0.00	58.06 2.92 0.00	54.70 2.95 0.00	50.80 3.06 0.00	49.03 3.04 0.00	46.91 3.15 0.00	44.62 2.96 0.00	43.04 2.93 0.03	40.39 2.75 0.01	41.80 2.95 0.03	42.73 3.09 0.00	52.17 3.53 1.02	59.19 3.35 0.00	68.22 3.92 0.00	59.48 3.37 0.00	49.37 2.88 0.00	43.51 2.23 0.00	39.14 1.54 0.00
JANIS___SOLAR 323808	36.15 1.29 0.00	33.29 1.06 0.00	32.00 0.96 0.00	30.84 0.93 0.00	31.12 0.88 0.00	35.38 1.06 0.00	43.62 1.44 0.00	57.24 2.09 0.00	53.40 1.66 0.00	48.70 0.95 0.00	46.45 0.46 0.00	43.80 0.04 0.01	41.65 0.00 0.01	39.85 -0.24 0.06	37.38 -0.26 0.01	38.59 -0.23 0.06	39.71 0.08 0.01	49.86 0.50 0.30	57.57 1.73 0.00	66.81 2.51 0.00	58.24 2.13 0.00	48.16 1.67 0.00	42.60 1.32 0.00	38.92 1.32 0.00
JARVIS____ 23743	34.97 0.10 0.00	32.33 0.10 0.00	31.13 0.09 0.00	30.00 0.09 0.00	30.31 0.06 0.00	34.38 0.07 0.00	42.27 0.08 0.00	55.36 0.22 0.00	51.95 0.21 0.00	47.98 0.24 0.00	46.23 0.23 0.00	44.02 0.26 0.00	41.91 0.25 0.00	40.35 0.24 0.04	37.87 0.23 0.01	39.08 0.23 0.04	39.87 0.24 0.00	48.82 0.35 1.19	56.12 0.28 0.00	64.69 0.39 0.00	56.45 0.34 0.00	46.77 0.28 0.00	41.49 0.21 0.00	37.72 0.11 0.00
JENNISON___1 23625	36.19 1.32 0.00	33.29 1.06 0.00	32.03 0.99 0.00	30.87 0.96 0.00	31.12 0.88 0.00	35.38 1.06 0.00	43.66 1.48 0.00	57.40 2.26 0.00	53.71 1.97 0.00	49.18 1.43 0.00	47.14 1.15 0.00	44.54 0.79 0.01	42.36 0.71 0.01	40.53 0.44 0.05	37.98 0.34 0.01	39.18 0.35 0.05	40.19 0.55 0.01	49.09 0.84 1.42	57.63 1.79 0.00	66.75 2.44 0.00	58.19 2.08 0.00	48.21 1.72 0.00	42.68 1.40 0.00	38.92 1.32 0.00
JENNISON___2 23626	36.19 1.32 0.00	33.29 1.06 0.00	32.03 0.99 0.00	30.87 0.96 0.00	31.12 0.88 0.00	35.38 1.06 0.00	43.66 1.48 0.00	57.40 2.26 0.00	53.71 1.97 0.00	49.18 1.43 0.00	47.14 1.15 0.00	44.54 0.79 0.01	42.36 0.71 0.01	40.53 0.44 0.05	37.98 0.34 0.01	39.18 0.35 0.05	40.19 0.55 0.01	49.09 0.84 1.42	57.63 1.79 0.00	66.75 2.44 0.00	58.19 2.08 0.00	48.21 1.72 0.00	42.68 1.40 0.00	38.92 1.32 0.00
JERICHO_RISE_WT_PWR 323719	34.41 -0.45 0.00	32.00 -0.22 0.00	30.91 -0.12 0.00	29.97 0.06 0.00	30.49 0.24 0.00	34.62 0.31 0.00	42.69 0.51 0.00	55.91 0.77 0.00	52.26 0.52 0.00	48.22 0.48 0.00	46.45 0.46 0.00	44.07 0.31 0.00	42.08 0.42 0.00	40.45 0.32 0.01	37.95 0.30 0.00	39.02 0.16 0.01	39.68 0.04 0.00	49.25 -0.10 0.31	56.29 0.44 0.00	64.56 0.26 0.00	56.95 0.84 0.00	47.23 0.74 0.00	42.31 1.03 0.00	38.65 1.05 0.00
KATONAH__115KV_46KV_TB4 355592	36.19 1.32 0.00	33.42 1.19 0.00	32.15 1.12 0.00	30.93 1.02 0.00	31.15 0.91 0.00	35.51 1.20 0.00	44.12 1.94 0.00	57.90 2.76 0.00	54.44 2.69 0.00	50.56 2.82 0.00	48.85 2.85 0.00	46.65 2.89 0.00	44.32 2.67 0.00	42.72 2.61 0.03	40.02 2.37 0.01	41.41 2.57 0.03	42.29 2.66 0.00	51.87 3.23 1.02	58.91 3.07 0.00	68.03 3.73 0.00	59.14 3.03 0.00	48.95 2.46 0.00	43.14 1.86 0.00	38.88 1.28 0.00
KCE_NY_1 323755	36.01 1.15 0.00	33.29 1.06 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.15 0.91 0.00	35.41 1.10 0.00	43.57 1.39 0.00	57.35 2.21 0.00	53.82 2.07 0.00	49.60 1.86 0.00	47.74 1.75 0.00	45.51 1.75 0.00	43.15 1.50 0.00	41.56 1.44 0.03	39.11 1.47 0.01	40.36 1.51 0.03	41.10 1.47 0.00	50.70 2.04 1.00	58.02 2.18 0.00	67.07 2.76 0.00	58.30 2.19 0.00	48.21 1.72 0.00	42.76 1.48 0.00	38.65 1.05 0.00
KCE_NY_6_ESR 323823	34.03 -0.84 0.00	31.42 -0.80 0.00	30.29 -0.75 0.00	29.26 -0.66 0.00	29.73 -0.51 0.00	33.73 -0.58 0.00	42.06 -0.13 0.00	52.99 -2.15 0.00	49.58 -2.17 0.00	45.26 -2.48 0.00	43.33 -2.67 0.00	40.82 -2.93 0.01	38.90 -2.75 0.01	36.69 -3.37 0.08	34.89 -2.75 0.02	35.49 -3.30 0.08	36.82 -2.81 0.01	41.85 -4.62 3.20	52.60 -3.24 0.00	60.83 -3.47 0.00	52.75 -3.37 0.00	43.65 -2.84 0.00	39.26 -2.02 0.00	36.70 -0.90 0.00
KEDC_PORT_JEFF_GT2 24210	36.15 1.29 0.00	33.19 0.97 0.00	31.81 0.78 0.00	30.69 0.78 0.00	30.82 0.57 0.00	35.20 0.89 0.00	43.87 1.69 0.00	57.02 1.88 0.00	54.49 2.74 0.00	50.99 3.25 0.00	49.21 3.22 0.00	47.05 3.28 0.00	44.78 3.13 0.00	43.16 3.05 0.03	40.47 2.83 0.01	41.84 2.99 0.03	42.65 3.01 0.00	52.12 3.48 1.02	58.80 2.96 0.00	67.84 3.53 0.00	59.08 2.97 0.00	48.86 2.37 0.00	43.05 1.77 0.00	38.65 1.05 0.00
KEDC_PORT_JEFF_GT3 24211	36.15 1.29 0.00	33.19 0.97 0.00	31.81 0.78 0.00	30.69 0.78 0.00	30.82 0.57 0.00	35.20 0.89 0.00	43.87 1.69 0.00	57.02 1.88 0.00	54.49 2.74 0.00	50.99 3.25 0.00	49.21 3.22 0.00	47.05 3.28 0.00	44.78 3.13 0.00	43.16 3.05 0.03	40.47 2.83 0.01	41.84 2.99 0.03	42.65 3.01 0.00	52.12 3.48 1.02	58.80 2.96 0.00	67.84 3.53 0.00	59.08 2.97 0.00	48.86 2.37 0.00	43.05 1.77 0.00	38.65 1.05 0.00
KEDC_GLWD_GT4 24219	36.22 1.36 0.00	33.29 1.06 0.00	32.03 0.99 0.00	30.84 0.93 0.00	31.03 0.79 0.00	35.44 1.13 0.00	44.13 1.94 0.00	57.51 2.37 0.00	54.49 2.74 0.00	50.89 3.15 0.00	49.35 3.36 0.00	47.18 3.42 0.00	44.91 3.25 0.00	43.25 3.13 0.03	40.58 2.94 0.01	41.92 3.07 0.03	42.77 3.13 0.00	52.22 3.58 1.02	59.02 3.18 0.00	68.03 3.73 0.00	59.25 3.14 0.00	49.18 2.70 0.00	43.38 2.10 0.00	39.03 1.43 0.00
KEDC_GLWD_GT5 24220	36.22 1.36 0.00	33.29 1.06 0.00	32.03 0.99 0.00	30.84 0.93 0.00	31.03 0.79 0.00	35.44 1.13 0.00	44.13 1.94 0.00	57.51 2.37 0.00	54.49 2.74 0.00	50.89 3.15 0.00	49.35 3.36 0.00	47.18 3.42 0.00	44.91 3.25 0.00	43.25 3.13 0.03	40.58 2.94 0.01	41.92 3.07 0.03	42.77 3.13 0.00	52.22 3.58 1.02	59.02 3.18 0.00	68.03 3.73 0.00	59.25 3.14 0.00	49.18 2.70 0.00	43.38 2.10 0.00	39.03 1.43 0.00

KENSICO____ 23655	35.87 1.01 0.00	33.13 0.90 0.00	31.90 0.87 0.00	30.69 0.78 0.00	30.94 0.70 0.00	35.24 0.93 0.00	43.83 1.65 0.00	57.40 2.26 0.00	54.02 2.28 0.00	50.18 2.43 0.00	48.43 2.44 0.00	46.25 2.49 0.00	44.03 2.37 0.00	42.44 2.33 0.03	39.79 2.15 0.01	41.18 2.33 0.03	42.05 2.42 0.00	51.42 2.78 1.02	58.47 2.62 0.00	67.32 3.02 0.00	58.69 2.58 0.00	48.67 2.18 0.00	42.93 1.65 0.00	38.69 1.09 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.70 0.84 0.00	33.00 0.77 0.00	31.75 0.71 0.00	30.54 0.63 0.00	30.82 0.57 0.00	35.14 0.82 0.00	43.66 1.48 0.00	57.40 2.26 0.00	53.92 2.17 0.00	49.80 2.05 0.00	47.97 1.98 0.00	45.73 1.97 0.00	43.49 1.83 0.00	41.92 1.81 0.03	39.30 1.66 0.01	40.67 1.83 0.03	41.58 1.94 0.00	51.07 2.43 1.02	58.24 2.40 0.00	67.20 2.89 0.00	58.75 2.64 0.00	48.62 2.14 0.00	42.89 1.61 0.00	38.73 1.13 0.00
KIAC_JFK_GT1 23816	35.94 1.08 0.00	33.16 0.93 0.00	31.90 0.87 0.00	30.72 0.81 0.00	30.97 0.73 0.00	35.34 1.03 0.00	44.08 1.90 0.00	57.68 2.54 0.00	54.33 2.59 0.00	50.47 2.72 0.00	48.75 2.76 0.00	46.60 2.84 0.00	44.37 2.71 0.00	42.76 2.65 0.03	40.17 2.52 0.01	41.61 2.76 0.03	42.45 2.81 0.00	51.82 3.18 1.02	58.80 2.96 0.00	67.77 3.47 0.00	59.08 2.97 0.00	49.04 2.56 0.00	43.22 1.94 0.00	38.96 1.35 0.00
KIAC_JFK_GT2 23817	35.94 1.08 0.00	33.16 0.93 0.00	31.90 0.87 0.00	30.72 0.81 0.00	30.97 0.73 0.00	35.34 1.03 0.00	44.08 1.90 0.00	57.68 2.54 0.00	54.33 2.59 0.00	50.47 2.72 0.00	48.75 2.76 0.00	46.60 2.84 0.00	44.37 2.71 0.00	42.76 2.65 0.03	40.17 2.52 0.01	41.61 2.76 0.03	42.45 2.81 0.00	51.82 3.18 1.02	58.80 2.96 0.00	67.77 3.47 0.00	59.08 2.97 0.00	49.04 2.56 0.00	43.22 1.94 0.00	38.96 1.35 0.00
KIAC_JFK____ 323774	35.94 1.08 0.00	33.13 0.90 0.00	31.93 0.90 0.00	30.72 0.81 0.00	30.97 0.72 0.00	35.34 1.03 0.00	44.08 1.90 0.00	57.68 2.54 0.00	54.33 2.59 0.00	50.46 2.72 0.00	48.75 2.76 0.00	46.60 2.84 0.00	44.36 2.71 0.00	42.76 2.65 0.03	40.21 2.56 0.01	41.53 2.68 0.03	42.45 2.81 0.00	51.82 3.18 1.02	58.80 2.96 0.00	67.77 3.47 0.00	59.08 2.97 0.00	49.04 2.56 0.00	43.22 1.94 0.00	38.95 1.35 0.00
KINTIGH____ 23543	33.26 -1.60 0.00	30.58 -1.64 0.00	29.58 -1.46 0.00	28.54 -1.38 0.00	28.97 -1.27 0.00	32.84 -1.48 0.00	40.62 -1.56 0.00	51.61 -3.53 0.00	48.23 -3.52 0.00	44.21 -3.53 0.00	42.36 -3.63 0.00	39.94 -3.81 0.01	38.11 -3.54 0.01	36.73 -3.33 0.08	34.62 -3.01 0.02	35.68 -3.11 0.08	36.18 -3.45 0.01	42.24 -4.22 3.20	51.49 -4.36 0.00	59.29 -5.02 0.00	51.51 -4.60 0.00	42.67 -3.81 0.00	38.51 -2.77 0.00	35.61 -1.99 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.83 -0.03 0.00	32.42 0.19 0.00	31.34 0.31 0.00	30.45 0.54 0.00	31.03 0.79 0.00	35.27 0.96 0.00	43.53 1.35 0.00	57.13 1.99 0.00	53.30 1.55 0.00	49.13 1.38 0.00	47.33 1.33 0.00	44.81 1.05 0.00	42.87 1.21 0.00	41.14 1.00 0.01	38.59 0.94 0.00	39.69 0.82 0.01	40.35 0.71 0.00	49.86 0.50 0.30	57.24 1.40 0.00	65.14 0.84 0.00	57.91 1.80 0.00	48.07 1.58 0.00	43.30 2.02 0.00	39.63 2.03 0.00
LACHUTE__HYDRO 323717	36.78 1.92 0.00	34.06 1.84 0.00	32.68 1.64 0.00	31.44 1.52 0.00	31.85 1.60 0.00	36.27 1.95 0.00	44.17 1.98 0.00	58.45 3.31 0.00	55.01 3.26 0.00	50.37 2.62 0.00	48.38 2.39 0.00	46.03 2.27 0.00	43.37 1.71 0.00	41.64 1.53 0.03	39.30 1.65 0.01	40.67 1.83 0.03	41.26 1.63 0.00	51.34 2.68 1.00	59.08 3.24 0.00	68.99 4.69 0.00	59.76 3.65 0.00	49.23 2.74 0.00	43.55 2.27 0.00	39.18 1.58 0.00
LAWRNCV_115KV_TB1 80681	34.72 -0.14 0.00	32.10 -0.13 0.00	30.94 -0.09 0.00	29.88 -0.03 0.00	30.21 -0.03 0.00	34.31 0.00 0.00	42.23 0.04 0.00	55.64 0.50 0.00	52.01 0.26 0.00	47.94 0.19 0.00	46.13 0.14 0.00	43.72 -0.04 0.00	41.66 0.00 0.00	39.97 -0.16 0.01	37.53 -0.11 0.00	38.63 -0.23 0.01	39.28 -0.36 0.00	48.90 -0.30 0.46	55.95 0.11 0.00	64.50 0.19 0.00	56.50 0.39 0.00	46.86 0.37 0.00	41.65 0.37 0.00	38.02 0.41 0.00
LEDERLE____ 23769	35.73 0.87 0.00	33.03 0.81 0.00	31.78 0.74 0.00	30.57 0.66 0.00	30.85 0.60 0.00	35.20 0.89 0.00	43.83 1.65 0.00	57.46 2.32 0.00	54.08 2.33 0.00	50.08 2.34 0.00	48.34 2.35 0.00	46.12 2.36 0.00	43.87 2.21 0.00	42.32 2.21 0.03	39.68 2.03 0.01	41.02 2.18 0.03	41.82 2.18 0.00	51.17 2.53 1.02	58.24 2.40 0.00	67.20 2.89 0.00	58.52 2.41 0.00	48.48 2.00 0.00	42.76 1.49 0.00	38.58 0.98 0.00
LIGHTHSE_115KV_TB6 355974	34.30 -0.56 0.00	31.62 -0.61 0.00	30.44 -0.59 0.00	29.35 -0.57 0.00	29.61 -0.64 0.00	33.59 -0.72 0.00	41.17 -1.01 0.00	54.04 -1.10 0.00	50.56 -1.19 0.00	46.41 -1.34 0.00	44.57 -1.43 0.00	42.27 -1.49 0.00	40.24 -1.42 0.00	38.66 -1.45 0.04	36.25 -1.39 0.01	37.48 -1.36 0.04	38.29 -1.35 0.00	46.95 -1.49 1.22	54.61 -1.23 0.00	63.27 -1.03 0.00	55.16 -0.95 0.00	45.65 -0.84 0.00	40.53 -0.74 0.00	37.00 -0.60 0.00
LINDEN COGEN____ 23786	35.77 0.90 0.00	32.97 0.74 0.00	31.81 0.78 0.00	30.60 0.69 0.00	30.85 0.60 0.00	35.17 0.86 0.00	43.91 1.73 0.00	57.29 2.15 0.00	53.97 2.22 0.00	50.18 2.43 0.00	48.48 2.48 0.00	46.34 2.58 0.00	44.07 2.42 0.00	42.52 2.41 0.03	39.86 2.22 0.01	41.26 2.41 0.03	42.13 2.50 0.00	51.47 2.83 1.02	58.41 2.57 0.00	63.25 2.90 3.95	58.58 2.47 0.00	48.67 2.19 0.00	42.76 1.48 0.00	38.65 1.05 0.00
LINDHRST_69_KV_BK1 356055	36.33 1.46 0.00	33.39 1.16 0.00	32.09 1.06 0.00	30.90 0.99 0.00	31.06 0.82 0.00	35.51 1.20 0.00	44.17 1.98 0.00	57.73 2.59 0.00	54.70 2.95 0.00	51.09 3.34 0.00	49.35 3.36 0.00	47.26 3.50 0.00	44.99 3.33 0.00	43.32 3.21 0.03	40.62 2.97 0.01	42.07 3.23 0.03	42.89 3.25 0.00	52.41 3.77 1.02	59.19 3.35 0.00	68.29 3.99 0.00	59.48 3.37 0.00	49.27 2.79 0.00	43.38 2.11 0.00	39.07 1.47 0.00
LIPA_MISC_IPP 23656	35.84 0.98 0.00	32.94 0.71 0.00	31.59 0.56 0.00	30.36 0.45 0.00	30.49 0.24 0.00	34.79 0.48 0.00	43.37 1.18 0.00	56.69 1.54 0.00	54.08 2.33 0.00	50.56 2.82 0.00	48.43 2.44 0.00	46.43 2.67 0.00	44.24 2.58 0.00	42.64 2.53 0.03	39.94 2.30 0.01	41.26 2.41 0.03	42.01 2.38 0.00	51.32 2.68 1.02	57.91 2.07 0.00	66.94 2.64 0.00	58.19 2.08 0.00	48.07 1.58 0.00	42.35 1.07 0.00	38.09 0.49 0.00
LISF__SOLAR 323691	35.87 1.01 0.00	32.91 0.68 0.00	31.47 0.43 0.00	30.39 0.48 0.00	30.49 0.24 0.00	34.79 0.48 0.00	43.36 1.18 0.00	56.24 1.10 0.00	54.13 2.38 0.00	50.61 2.86 0.00	48.57 2.57 0.00	46.48 2.71 0.00	44.24 2.58 0.00	42.64 2.53 0.03	39.94 2.30 0.01	41.26 2.41 0.03	42.01 2.38 0.00	51.32 2.68 1.02	57.96 2.12 0.00	67.00 2.70 0.00	58.30 2.19 0.00	48.16 1.67 0.00	42.43 1.15 0.00	38.13 0.53 0.00

LITTLE FALLS___HYD 24013	34.30 -0.56 0.00	31.68 -0.55 0.00	30.44 -0.59 0.00	29.32 -0.60 0.00	29.58 -0.67 0.00	33.52 -0.79 0.00	41.21 -0.97 0.00	54.15 -0.99 0.00	50.87 -0.88 0.00	46.93 -0.81 0.00	45.21 -0.78 0.00	43.01 -0.74 0.00	40.87 -0.79 0.00	39.34 -0.76 0.04	36.93 -0.72 0.01	38.10 -0.74 0.04	38.92 -0.71 0.00	47.72 -0.74 1.19	54.95 -0.89 0.00	63.47 -0.84 0.00	55.38 -0.73 0.00	45.97 -0.51 0.00	40.74 -0.54 0.00	37.08 -0.53 0.00
LITTLRIV_115KV_TB1 356100	35.11 0.24 0.00	32.42 0.19 0.00	31.22 0.19 0.00	30.18 0.27 0.00	30.52 0.27 0.00	34.66 0.34 0.00	42.69 0.51 0.00	56.30 1.16 0.00	52.57 0.83 0.00	48.37 0.62 0.00	46.50 0.51 0.00	44.02 0.26 0.00	41.95 0.29 0.00	40.25 0.12 0.01	37.80 0.15 0.00	38.94 0.08 0.01	39.60 -0.04 0.00	49.38 0.20 0.48	56.62 0.78 0.00	65.40 1.09 0.00	57.29 1.18 0.00	47.51 1.02 0.00	42.19 0.91 0.00	38.47 0.86 0.00
LI_NEWBRDGE___DRP 323616	35.91 1.05 0.00	33.07 0.84 0.00	31.81 0.78 0.00	30.60 0.69 0.00	30.79 0.54 0.00	35.17 0.86 0.00	43.75 1.56 0.00	57.07 1.93 0.00	53.97 2.23 0.00	50.42 2.67 0.00	48.75 2.76 0.00	46.69 2.93 0.00	44.45 2.79 0.00	42.84 2.73 0.03	40.17 2.52 0.01	41.53 2.68 0.03	42.37 2.74 0.00	51.77 3.13 1.02	58.41 2.57 0.00	67.32 3.02 0.00	58.64 2.52 0.00	48.72 2.23 0.00	42.93 1.65 0.00	38.65 1.05 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.19 -1.67 0.00	30.52 -1.71 0.00	29.51 -1.52 0.00	28.51 -1.41 0.00	28.94 -1.30 0.00	32.84 -1.48 0.00	40.79 -1.39 0.00	51.45 -3.69 0.00	48.07 -3.67 0.00	43.92 -3.82 0.00	42.04 -3.96 0.00	39.59 -4.16 0.01	37.78 -3.87 0.01	36.17 -3.89 0.08	34.06 -3.58 0.02	35.03 -3.77 0.08	35.79 -3.85 0.01	41.30 -5.16 3.19	51.15 -4.69 0.00	59.03 -5.27 0.00	51.17 -4.94 0.00	42.39 -4.09 0.00	38.39 -2.89 0.00	35.61 -1.99 0.00
LOCKPORT___CC1 323769	33.19 -1.67 0.00	30.65 -1.58 0.00	29.51 -1.52 0.00	28.51 -1.41 0.00	28.95 -1.30 0.00	32.84 -1.47 0.00	40.75 -1.43 0.00	51.39 -3.75 0.00	48.07 -3.67 0.00	43.92 -3.82 0.00	42.04 -3.96 0.00	39.59 -4.16 0.01	37.73 -3.92 0.01	36.13 -3.93 0.08	34.02 -3.61 0.02	34.99 -3.81 0.08	35.75 -3.88 0.01	41.25 -5.21 3.20	51.04 -4.80 0.00	58.97 -5.34 0.00	51.17 -4.94 0.00	42.35 -4.14 0.00	38.18 -3.10 0.00	35.61 -1.99 0.00
LOCKPORT___CC2 323770	33.19 -1.67 0.00	30.65 -1.58 0.00	29.51 -1.52 0.00	28.51 -1.41 0.00	28.95 -1.30 0.00	32.84 -1.47 0.00	40.75 -1.43 0.00	51.39 -3.75 0.00	48.07 -3.67 0.00	43.92 -3.82 0.00	42.04 -3.96 0.00	39.59 -4.16 0.01	37.73 -3.92 0.01	36.13 -3.93 0.08	34.02 -3.61 0.02	34.99 -3.81 0.08	35.75 -3.88 0.01	41.25 -5.21 3.20	51.04 -4.80 0.00	58.97 -5.34 0.00	51.17 -4.94 0.00	42.35 -4.14 0.00	38.18 -3.10 0.00	35.61 -1.99 0.00
LOCKPORT___CC3 323771	33.19 -1.67 0.00	30.65 -1.58 0.00	29.51 -1.52 0.00	28.51 -1.41 0.00	28.95 -1.30 0.00	32.84 -1.47 0.00	40.75 -1.43 0.00	51.39 -3.75 0.00	48.07 -3.67 0.00	43.92 -3.82 0.00	42.04 -3.96 0.00	39.59 -4.16 0.01	37.73 -3.92 0.01	36.13 -3.93 0.08	34.02 -3.61 0.02	34.99 -3.81 0.08	35.75 -3.88 0.01	41.25 -5.21 3.20	51.04 -4.80 0.00	58.97 -5.34 0.00	51.17 -4.94 0.00	42.35 -4.14 0.00	38.18 -3.10 0.00	35.61 -1.99 0.00
LONG_LAKE_PHOENIX 24014	34.20 -0.66 0.00	31.55 -0.68 0.00	30.41 -0.62 0.00	29.29 -0.63 0.00	29.61 -0.64 0.00	33.52 -0.79 0.00	41.05 -1.14 0.00	53.54 -1.60 0.00	50.19 -1.55 0.00	46.22 -1.53 0.00	44.48 -1.52 0.00	42.23 -1.53 0.00	40.16 -1.50 0.00	38.67 -1.45 0.03	36.25 -1.39 0.01	37.45 -1.40 0.03	38.25 -1.39 0.00	46.99 -1.69 0.99	54.11 -1.73 0.00	62.37 -1.93 0.00	54.37 -1.74 0.00	44.95 -1.53 0.00	40.00 -1.28 0.00	36.62 -0.98 0.00
LOVETT___3 23632	35.63 0.77 0.00	32.94 0.71 0.00	31.69 0.65 0.00	30.51 0.60 0.00	30.76 0.51 0.00	35.03 0.72 0.00	43.53 1.35 0.00	57.02 1.87 0.00	53.66 1.91 0.00	49.75 2.01 0.00	48.02 2.02 0.00	45.86 2.10 0.00	43.62 1.96 0.00	42.08 1.97 0.03	39.45 1.81 0.01	40.79 1.94 0.03	41.70 2.06 0.00	50.97 2.33 1.02	57.96 2.12 0.00	66.87 2.57 0.00	58.24 2.13 0.00	48.30 1.81 0.00	42.60 1.32 0.00	38.43 0.83 0.00
LOVETT___4 23642	35.63 0.77 0.00	32.94 0.71 0.00	31.69 0.65 0.00	30.51 0.60 0.00	30.76 0.51 0.00	35.03 0.72 0.00	43.53 1.35 0.00	57.02 1.87 0.00	53.66 1.91 0.00	49.75 2.01 0.00	48.02 2.02 0.00	45.86 2.10 0.00	43.62 1.96 0.00	42.08 1.97 0.03	39.45 1.81 0.01	40.79 1.94 0.03	41.70 2.06 0.00	50.97 2.33 1.02	57.96 2.12 0.00	66.87 2.57 0.00	58.24 2.13 0.00	48.30 1.81 0.00	42.60 1.32 0.00	38.43 0.83 0.00
LOVETT___5 23593	35.63 0.77 0.00	32.94 0.71 0.00	31.69 0.65 0.00	30.51 0.60 0.00	30.76 0.51 0.00	35.03 0.72 0.00	43.53 1.35 0.00	57.02 1.87 0.00	53.66 1.91 0.00	49.75 2.01 0.00	48.02 2.02 0.00	45.86 2.10 0.00	43.62 1.96 0.00	42.08 1.97 0.03	39.45 1.81 0.01	40.79 1.94 0.03	41.70 2.06 0.00	50.97 2.33 1.02	57.96 2.12 0.00	66.87 2.57 0.00	58.24 2.13 0.00	48.30 1.81 0.00	42.60 1.32 0.00	38.43 0.83 0.00
LOWER RAQUET___HYD 24057	34.62 -0.24 0.00	32.00 -0.22 0.00	30.85 -0.19 0.00	29.80 -0.12 0.00	30.12 -0.12 0.00	34.21 -0.10 0.00	42.10 -0.08 0.00	55.48 0.33 0.00	51.90 0.16 0.00	47.79 0.05 0.00	45.99 0.00 0.00	43.58 -0.17 0.00	41.49 -0.17 0.00	39.81 -0.32 0.02	37.39 -0.26 0.00	38.47 -0.39 0.02	39.12 -0.52 0.00	48.67 -0.50 0.50	55.79 -0.06 0.00	64.30 0.00 0.00	56.39 0.28 0.00	46.77 0.28 0.00	41.57 0.29 0.00	37.90 0.30 0.00
LOWER___HUDSON 24059	35.60 0.73 0.00	32.91 0.68 0.00	31.65 0.62 0.00	30.48 0.57 0.00	30.82 0.57 0.00	35.00 0.69 0.00	43.03 0.84 0.00	56.46 1.32 0.00	53.04 1.29 0.00	48.98 1.24 0.00	47.24 1.24 0.00	45.12 1.36 0.00	42.91 1.25 0.00	41.36 1.25 0.03	38.85 1.20 0.01	40.13 1.28 0.03	40.94 1.31 0.00	50.41 1.74 0.99	57.40 1.56 0.00	66.04 1.74 0.00	57.57 1.46 0.00	47.65 1.16 0.00	42.23 0.95 0.00	38.20 0.60 0.00
LOWVILLE_115KV_TB2 356335	34.62 -0.24 0.00	31.91 -0.32 0.00	30.75 -0.28 0.00	29.71 -0.21 0.00	29.97 -0.27 0.00	34.11 -0.21 0.00	41.89 -0.30 0.00	55.53 0.39 0.00	51.85 0.10 0.00	47.46 -0.29 0.00	45.58 -0.41 0.00	43.23 -0.53 0.00	41.16 -0.50 0.00	39.47 -0.64 0.03	37.04 -0.60 0.01	38.30 -0.54 0.03	39.08 -0.55 0.00	48.29 -0.25 1.12	56.29 0.45 0.00	65.78 1.48 0.00	57.40 1.29 0.00	47.55 1.07 0.00	42.02 0.74 0.00	38.20 0.60 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	36.01 1.15 0.00	33.29 1.06 0.00	32.00 0.96 0.00	30.81 0.90 0.00	31.15 0.91 0.00	35.41 1.10 0.00	43.58 1.39 0.00	57.29 2.15 0.00	53.82 2.07 0.00	49.56 1.81 0.00	47.74 1.75 0.00	45.51 1.75 0.00	43.12 1.46 0.00	41.52 1.41 0.03	39.07 1.43 0.01	40.29 1.44 0.03	41.10 1.47 0.00	50.70 2.04 1.00	57.96 2.12 0.00	67.00 2.70 0.00	58.24 2.13 0.00	48.21 1.72 0.00	42.72 1.44 0.00	38.62 1.02 0.00

LUTHERNY_35_KV_BK2 355980	36.01 1.15 0.00	33.32 1.10 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.15 0.91 0.00	35.41 1.10 0.00	43.58 1.39 0.00	57.35 2.21 0.00	53.87 2.12 0.00	49.61 1.86 0.00	47.74 1.75 0.00	45.51 1.75 0.00	43.16 1.50 0.00	41.56 1.45 0.03	39.11 1.47 0.01	40.32 1.48 0.03	41.10 1.47 0.00	50.70 2.04 1.00	58.02 2.18 0.00	67.07 2.76 0.00	58.30 2.19 0.00	48.21 1.72 0.00	42.72 1.44 0.00	38.65 1.05 0.00
LWR__OSWEGATCHIE_HYD 23850	34.37 -0.49 0.00	31.71 -0.52 0.00	30.57 -0.47 0.00	29.53 -0.39 0.00	29.82 -0.42 0.00	33.87 -0.45 0.00	41.68 -0.51 0.00	55.14 0.00 0.00	51.49 -0.26 0.00	47.27 -0.48 0.00	45.44 -0.55 0.00	43.06 -0.70 0.00	40.99 -0.67 0.00	39.32 -0.80 0.02	36.89 -0.75 0.01	38.08 -0.78 0.02	38.80 -0.83 0.00	48.14 -0.74 0.77	55.62 -0.22 0.00	64.56 0.26 0.00	56.50 0.39 0.00	46.81 0.33 0.00	41.44 0.17 0.00	37.75 0.15 0.00
LYONS_FALL_HYD 23570	34.90 0.03 0.00	32.16 -0.06 0.00	31.00 -0.03 0.00	29.91 0.00 0.00	30.18 -0.06 0.00	34.35 0.03 0.00	42.18 0.00 0.00	55.81 0.66 0.00	52.21 0.46 0.00	47.89 0.14 0.00	46.04 0.05 0.00	43.67 -0.09 0.00	41.57 -0.08 0.00	39.91 -0.20 0.04	37.46 -0.19 0.01	38.69 -0.15 0.04	39.52 -0.12 0.00	48.65 0.20 1.21	56.57 0.72 0.00	65.78 1.48 0.00	57.40 1.29 0.00	47.56 1.07 0.00	42.06 0.78 0.00	38.20 0.60 0.00
MADISON__COUNTY_LFGE 323628	35.49 0.63 0.00	32.68 0.45 0.00	31.47 0.43 0.00	30.36 0.45 0.00	30.67 0.42 0.00	34.83 0.51 0.00	42.82 0.63 0.00	56.30 1.16 0.00	52.73 0.98 0.00	48.41 0.67 0.00	46.55 0.55 0.00	44.15 0.39 0.01	42.07 0.42 0.01	40.42 0.32 0.05	37.94 0.30 0.01	39.14 0.31 0.05	40.03 0.40 0.01	48.77 0.70 1.58	57.01 1.17 0.00	65.97 1.67 0.00	57.51 1.40 0.00	47.65 1.16 0.00	42.19 0.91 0.00	38.39 0.79 0.00
MALONE__115KV_TB1 356076	34.93 0.07 0.00	32.42 0.19 0.00	31.28 0.25 0.00	30.30 0.39 0.00	30.82 0.57 0.00	35.00 0.69 0.00	43.15 0.97 0.00	56.80 1.65 0.00	53.09 1.35 0.00	48.89 1.15 0.00	47.10 1.10 0.00	44.55 0.79 0.00	42.58 0.92 0.00	40.86 0.72 0.01	38.33 0.68 0.00	39.41 0.54 0.01	40.07 0.44 0.00	49.80 0.50 0.36	57.13 1.28 0.00	65.59 1.29 0.00	57.79 1.68 0.00	47.93 1.44 0.00	42.76 1.49 0.00	39.07 1.47 0.00
MAPLEWOD_115KV_TB3 80458	35.45 0.59 0.00	32.78 0.55 0.00	31.56 0.53 0.00	30.39 0.48 0.00	30.73 0.48 0.00	34.83 0.51 0.00	42.82 0.63 0.00	56.19 1.05 0.00	52.83 1.09 0.00	48.79 1.05 0.00	47.05 1.06 0.00	44.94 1.18 0.00	42.70 1.04 0.00	41.16 1.04 0.03	38.66 1.02 0.01	39.94 1.09 0.03	40.75 1.11 0.00	50.16 1.49 0.99	57.13 1.28 0.00	65.78 1.48 0.00	57.35 1.23 0.00	47.51 1.02 0.00	42.06 0.78 0.00	38.09 0.49 0.00
MAPLE_RIDGE_WT_1 323574	34.27 -0.59 0.00	31.78 -0.45 0.00	30.66 -0.37 0.00	29.62 -0.30 0.00	30.00 -0.24 0.00	34.07 -0.24 0.00	41.93 -0.25 0.00	54.92 -0.22 0.00	51.54 -0.21 0.00	47.55 -0.19 0.00	45.81 -0.18 0.00	43.58 -0.17 0.00	41.53 -0.12 0.00	40.00 -0.12 0.02	37.53 -0.11 0.01	38.74 -0.12 0.02	39.48 -0.16 0.00	48.65 -0.20 0.82	55.73 -0.11 0.00	64.11 -0.19 0.00	56.00 -0.11 0.00	46.39 -0.09 0.00	41.24 -0.04 0.00	37.60 0.00 0.00
MAPLE_RIDGE_WT_2 323611	34.27 -0.59 0.00	31.78 -0.45 0.00	30.66 -0.37 0.00	29.62 -0.30 0.00	30.00 -0.24 0.00	34.07 -0.24 0.00	41.93 -0.25 0.00	54.92 -0.22 0.00	51.54 -0.21 0.00	47.55 -0.19 0.00	45.81 -0.18 0.00	43.58 -0.17 0.00	41.53 -0.12 0.00	40.00 -0.12 0.02	37.53 -0.11 0.01	38.74 -0.12 0.02	39.48 -0.16 0.00	48.65 -0.20 0.82	55.73 -0.11 0.00	64.11 -0.19 0.00	56.00 -0.11 0.00	46.39 -0.09 0.00	41.24 -0.04 0.00	37.60 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	34.13 -0.73 0.00	31.84 -0.39 0.00	30.88 -0.15 0.00	30.00 0.09 0.00	30.64 0.39 0.00	34.86 0.55 0.00	42.94 0.76 0.00	56.30 1.16 0.00	52.42 0.67 0.00	48.32 0.58 0.00	46.59 0.60 0.00	44.15 0.39 0.00	42.29 0.63 0.00	40.58 0.44 0.01	38.06 0.41 0.00	39.10 0.23 0.01	39.76 0.12 0.00	49.07 -0.30 0.30	56.34 0.50 0.00	64.05 -0.26 0.00	57.06 0.95 0.00	47.41 0.93 0.00	42.89 1.61 0.00	39.25 1.65 0.00
MARSHVLE_115KV_TB1 80742	36.88 2.02 0.00	34.07 1.84 0.00	32.68 1.64 0.00	31.47 1.56 0.00	31.82 1.57 0.00	36.27 1.96 0.00	44.97 2.78 0.00	58.95 3.80 0.00	54.75 3.00 0.00	49.75 2.01 0.00	47.51 1.52 0.00	45.11 1.36 0.00	42.95 1.29 0.00	41.31 1.20 0.03	39.00 1.36 0.01	40.40 1.56 0.03	41.46 1.82 0.00	51.44 2.88 1.10	59.58 3.74 0.00	69.25 4.95 0.00	60.15 4.04 0.00	49.93 3.44 0.00	44.13 2.85 0.00	39.90 2.29 0.00
MARSH_HILL_WT_PWR 323713	34.45 -0.42 0.00	31.87 -0.35 0.00	30.69 -0.34 0.00	29.56 -0.36 0.00	29.85 -0.39 0.00	33.87 -0.45 0.00	41.89 -0.29 0.00	53.60 -1.54 0.00	49.89 -1.86 0.00	45.45 -2.29 0.00	43.37 -2.62 0.00	40.95 -2.80 0.01	38.90 -2.75 0.01	36.82 -3.25 0.07	34.81 -2.82 0.02	35.74 -3.07 0.07	36.74 -2.89 0.01	42.02 -3.87 3.77	53.33 -2.51 0.00	62.18 -2.12 0.00	54.09 -2.02 0.00	44.81 -1.67 0.00	39.96 -1.32 0.00	36.93 -0.68 0.00
MCINTYRE_115KV_TB2 80467	35.45 0.59 0.00	32.74 0.52 0.00	31.53 0.50 0.00	30.48 0.57 0.00	30.82 0.57 0.00	35.00 0.69 0.00	43.07 0.89 0.00	56.80 1.65 0.00	52.99 1.24 0.00	48.65 0.91 0.00	46.78 0.78 0.00	44.28 0.53 0.00	42.24 0.58 0.00	40.53 0.40 0.01	38.10 0.45 0.00	39.25 0.39 0.01	39.96 0.32 0.00	49.81 0.60 0.45	57.18 1.34 0.00	66.04 1.74 0.00	57.85 1.74 0.00	47.93 1.44 0.00	42.56 1.28 0.00	38.84 1.24 0.00
MECO____69_KV_BK1 80468	37.02 2.16 0.00	34.26 2.03 0.00	32.87 1.83 0.00	31.62 1.71 0.00	32.00 1.75 0.00	36.47 2.16 0.00	45.22 3.04 0.00	59.44 4.30 0.00	55.42 3.67 0.00	50.42 2.67 0.00	48.25 2.25 0.00	45.77 2.01 0.00	43.45 1.79 0.00	41.80 1.69 0.03	39.45 1.81 0.01	40.79 1.94 0.03	41.74 2.10 0.00	51.92 3.33 1.06	60.09 4.24 0.00	69.90 5.59 0.00	60.66 4.54 0.00	50.20 3.72 0.00	44.37 3.10 0.00	40.12 2.52 0.00
MENANDS__115KV_TB5 355628	35.35 0.49 0.00	32.65 0.42 0.00	31.47 0.43 0.00	30.33 0.42 0.00	30.64 0.39 0.00	34.69 0.38 0.00	42.65 0.46 0.00	55.97 0.83 0.00	52.63 0.88 0.00	48.65 0.91 0.00	46.91 0.92 0.00	44.81 1.05 0.00	42.57 0.92 0.00	41.08 0.96 0.03	38.59 0.94 0.01	39.82 0.97 0.03	40.63 0.99 0.00	49.96 1.29 0.99	56.90 1.06 0.00	65.46 1.16 0.00	57.06 0.95 0.00	47.28 0.79 0.00	41.90 0.62 0.00	37.94 0.34 0.00
MG INDUSTRY__DRP 24185	35.42 0.56 0.00	32.74 0.52 0.00	31.53 0.50 0.00	30.39 0.48 0.00	30.73 0.48 0.00	34.83 0.51 0.00	42.82 0.63 0.00	56.13 0.99 0.00	52.68 0.93 0.00	48.60 0.86 0.00	46.78 0.78 0.00	44.59 0.83 0.00	42.37 0.71 0.00	40.84 0.72 0.03	38.36 0.72 0.01	39.59 0.74 0.03	40.43 0.79 0.00	49.77 1.09 0.99	56.90 1.06 0.00	65.59 1.29 0.00	57.18 1.07 0.00	47.37 0.88 0.00	41.98 0.70 0.00	38.09 0.49 0.00

MID___OSWEGATCHIE_HYD 23849	34.37 -0.49 0.00	31.71 -0.52 0.00	30.57 -0.47 0.00	29.53 -0.39 0.00	29.82 -0.42 0.00	33.87 -0.45 0.00	41.68 -0.51 0.00	55.14 0.00 0.00	51.49 -0.26 0.00	47.27 -0.48 0.00	45.44 -0.55 0.00	43.06 -0.70 0.00	40.99 -0.67 0.00	39.32 -0.80 0.02	36.89 -0.75 0.01	38.08 -0.78 0.02	38.80 -0.83 0.00	48.14 -0.74 0.77	55.62 -0.22 0.00	64.56 0.26 0.00	56.50 0.39 0.00	46.81 0.33 0.00	41.44 0.17 0.00	37.75 0.15 0.00
MID___RAQUETTE_HYD 23851	34.62 -0.24 0.00	32.00 -0.23 0.00	30.85 -0.19 0.00	29.79 -0.12 0.00	30.12 -0.12 0.00	34.21 -0.10 0.00	42.10 -0.08 0.00	55.47 0.33 0.00	51.90 0.16 0.00	47.79 0.05 0.00	45.99 0.00 0.00	43.58 -0.18 0.00	41.49 -0.17 0.00	39.81 -0.32 0.02	37.38 -0.26 0.00	38.47 -0.39 0.02	39.12 -0.52 0.00	48.67 -0.50 0.50	55.79 -0.06 0.00	64.30 0.00 0.00	56.39 0.28 0.00	46.76 0.28 0.00	41.57 0.29 0.00	37.90 0.30 0.00
MILLIKEN___1 23584	35.35 0.49 0.00	32.61 0.39 0.00	31.41 0.37 0.00	30.24 0.33 0.00	30.58 0.33 0.00	34.69 0.38 0.00	42.73 0.55 0.00	55.75 0.61 0.00	52.16 0.41 0.00	47.89 0.14 0.00	45.90 -0.09 0.00	43.49 -0.26 0.01	41.36 -0.29 0.01	39.69 -0.40 0.06	37.22 -0.41 0.01	38.43 -0.39 0.06	39.40 -0.24 0.01	49.43 -0.20 0.04	56.29 0.45 0.00	65.07 0.77 0.00	56.67 0.56 0.00	46.86 0.37 0.00	41.61 0.33 0.00	38.02 0.41 0.00
MILLIKEN___2 23585	35.35 0.49 0.00	32.61 0.39 0.00	31.41 0.37 0.00	30.24 0.33 0.00	30.58 0.33 0.00	34.69 0.38 0.00	42.73 0.55 0.00	55.75 0.61 0.00	52.16 0.41 0.00	47.89 0.14 0.00	45.90 -0.09 0.00	43.49 -0.26 0.01	41.36 -0.29 0.01	39.69 -0.40 0.06	37.22 -0.41 0.01	38.43 -0.39 0.06	39.40 -0.24 0.01	49.43 -0.20 0.04	56.29 0.45 0.00	65.07 0.77 0.00	56.67 0.56 0.00	46.86 0.37 0.00	41.61 0.33 0.00	38.02 0.41 0.00
MILLIKEN___DIESEL 23629	35.35 0.49 0.00	32.61 0.39 0.00	31.41 0.37 0.00	30.24 0.33 0.00	30.58 0.33 0.00	34.69 0.38 0.00	42.73 0.55 0.00	55.75 0.61 0.00	52.16 0.41 0.00	47.89 0.14 0.00	45.90 -0.09 0.00	43.49 -0.26 0.01	41.36 -0.29 0.01	39.69 -0.40 0.06	37.22 -0.41 0.01	38.43 -0.39 0.06	39.40 -0.24 0.01	49.43 -0.20 0.04	56.29 0.45 0.00	65.07 0.77 0.00	56.67 0.56 0.00	46.86 0.37 0.00	41.61 0.33 0.00	38.02 0.41 0.00
MILLSEAT___LFGE 323607	33.92 -0.94 0.00	31.36 -0.87 0.00	30.17 -0.87 0.00	29.08 -0.84 0.00	29.55 -0.69 0.00	33.59 -0.72 0.00	41.76 -0.42 0.00	53.10 -2.04 0.00	49.58 -2.17 0.00	45.17 -2.58 0.00	43.19 -2.81 0.00	40.65 -3.11 0.01	38.69 -2.96 0.01	37.05 -3.01 0.08	34.89 -2.75 0.02	35.92 -2.88 0.08	36.70 -2.93 0.01	42.75 -3.73 3.18	52.77 -3.07 0.00	60.96 -3.35 0.00	52.97 -3.14 0.00	43.74 -2.74 0.00	39.34 -1.94 0.00	36.51 -1.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.77 0.91 0.00	33.07 0.84 0.00	31.81 0.78 0.00	30.60 0.69 0.00	30.88 0.64 0.00	35.17 0.86 0.00	43.70 1.52 0.00	57.24 2.10 0.00	53.87 2.12 0.00	49.94 2.20 0.00	48.25 2.25 0.00	46.08 2.32 0.00	43.82 2.17 0.00	42.28 2.17 0.03	39.64 2.00 0.01	40.98 2.14 0.03	41.90 2.26 0.00	51.22 2.58 1.02	58.24 2.40 0.00	67.13 2.83 0.00	58.47 2.36 0.00	48.48 2.00 0.00	42.76 1.49 0.00	38.58 0.98 0.00
MILLWOOD_13_KV_LOAD 356217	35.87 1.01 0.00	33.16 0.93 0.00	31.90 0.87 0.00	30.69 0.78 0.00	30.94 0.70 0.00	35.24 0.93 0.00	43.83 1.65 0.00	57.40 2.26 0.00	54.02 2.28 0.00	50.08 2.34 0.00	48.39 2.39 0.00	46.21 2.45 0.00	43.95 2.29 0.00	42.40 2.29 0.03	39.71 2.07 0.01	41.10 2.25 0.03	41.97 2.34 0.00	51.42 2.78 1.02	58.41 2.57 0.00	67.39 3.09 0.00	58.64 2.52 0.00	48.62 2.14 0.00	42.89 1.61 0.00	38.65 1.05 0.00
MODEL_CITY_ENERGY 24167	32.88 -1.99 0.00	30.36 -1.87 0.00	29.23 -1.80 0.00	28.24 -1.67 0.00	28.67 -1.57 0.00	32.53 -1.79 0.00	40.37 -1.81 0.00	50.84 -4.30 0.00	47.56 -4.19 0.00	43.45 -4.30 0.00	41.58 -4.42 0.00	39.16 -4.59 0.01	37.36 -4.29 0.01	35.77 -4.29 0.08	33.72 -3.92 0.02	34.67 -4.12 0.08	35.43 -4.20 0.01	40.80 -5.66 3.19	50.48 -5.36 0.00	58.26 -6.05 0.00	50.56 -5.56 0.00	41.84 -4.65 0.00	37.73 -3.55 0.00	35.23 -2.37 0.00
MODERN_LFGE___ 323580	32.88 -1.99 0.00	30.36 -1.87 0.00	29.23 -1.80 0.00	28.24 -1.67 0.00	28.67 -1.57 0.00	32.53 -1.79 0.00	40.37 -1.81 0.00	50.84 -4.30 0.00	47.56 -4.19 0.00	43.45 -4.30 0.00	41.58 -4.42 0.00	39.16 -4.59 0.01	37.36 -4.29 0.01	35.77 -4.29 0.08	33.72 -3.92 0.02	34.67 -4.12 0.08	35.43 -4.20 0.01	40.80 -5.66 3.19	50.48 -5.36 0.00	58.26 -6.05 0.00	50.56 -5.56 0.00	41.84 -4.65 0.00	37.73 -3.55 0.00	35.23 -2.37 0.00
MOHAWK_PAPER___DRP 24187	35.45 0.59 0.00	32.78 0.55 0.00	31.56 0.53 0.00	30.39 0.48 0.00	30.73 0.48 0.00	34.83 0.51 0.00	42.82 0.63 0.00	56.19 1.05 0.00	52.83 1.09 0.00	48.79 1.05 0.00	47.05 1.06 0.00	44.94 1.18 0.00	42.70 1.04 0.00	41.16 1.04 0.03	38.66 1.02 0.01	39.94 1.09 0.03	40.75 1.11 0.00	50.16 1.49 0.99	57.13 1.28 0.00	65.78 1.48 0.00	57.35 1.23 0.00	47.51 1.02 0.00	42.06 0.78 0.00	38.09 0.49 0.00
MOHICAN___35_KV_115KV_LD 80490	36.19 1.32 0.00	33.49 1.26 0.00	32.15 1.12 0.00	30.96 1.05 0.00	31.33 1.09 0.00	35.62 1.30 0.00	43.32 1.14 0.00	57.07 1.93 0.00	53.66 1.91 0.00	49.32 1.58 0.00	47.47 1.47 0.00	45.20 1.44 0.00	42.82 1.17 0.00	41.20 1.08 0.03	38.81 1.17 0.01	40.01 1.17 0.03	40.79 1.15 0.00	50.35 1.69 1.00	57.74 1.90 0.00	66.94 2.64 0.00	58.07 1.96 0.00	47.97 1.49 0.00	42.56 1.28 0.00	38.39 0.79 0.00
MONGAUP___HYD 23641	35.60 0.73 0.00	32.87 0.64 0.00	31.65 0.62 0.00	30.48 0.57 0.00	30.76 0.51 0.00	35.03 0.72 0.00	43.49 1.31 0.00	56.35 1.21 0.00	52.78 1.03 0.00	48.65 0.90 0.00	47.42 1.43 0.00	45.25 1.49 0.00	42.99 1.33 0.00	41.48 1.37 0.03	38.92 1.28 0.01	40.24 1.40 0.03	41.18 1.54 0.00	50.62 1.99 1.03	57.13 1.29 0.00	65.97 1.67 0.00	57.68 1.57 0.00	48.11 1.63 0.00	42.72 1.44 0.00	38.62 1.02 0.00
MONTAUK___DIESEL 23721	35.56 0.70 0.00	32.58 0.35 0.00	31.28 0.25 0.00	29.97 0.06 0.00	30.00 -0.24 0.00	34.31 0.00 0.00	42.94 0.76 0.00	56.58 1.43 0.00	54.44 2.69 0.00	51.04 3.29 0.00	48.39 2.39 0.00	46.82 3.06 0.00	44.99 3.33 0.00	43.36 3.25 0.03	40.28 2.64 0.01	41.10 2.25 0.03	41.30 1.66 0.00	50.48 1.84 1.02	57.01 1.17 0.00	66.36 2.06 0.00	57.57 1.46 0.00	47.28 0.79 0.00	41.40 0.12 0.00	37.64 0.04 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.55 -0.31 0.00	31.81 -0.42 0.00	30.91 -0.12 0.00	29.91 0.00 0.00	30.43 0.18 0.00	34.66 0.34 0.00	43.49 1.31 0.00	54.87 -0.28 0.00	51.23 -0.52 0.00	46.65 -1.10 0.00	44.66 -1.33 0.00	42.00 -1.75 0.01	40.07 -1.58 0.01	37.74 -2.33 0.08	35.37 -2.26 0.02	36.16 -2.64 0.08	37.69 -1.94 0.01	42.87 -3.58 3.22	54.56 -1.28 0.00	63.40 -0.90 0.00	54.88 -1.23 0.00	45.42 -1.07 0.00	40.82 -0.45 0.00	38.02 0.41 0.00

NEG CENTRAL_HIGH_ACRES 23767	33.54 -1.32 0.00	30.97 -1.26 0.00	29.79 -1.24 0.00	28.69 -1.23 0.00	29.10 -1.15 0.00	33.01 -1.30 0.00	40.75 -1.43 0.00	52.61 -2.54 0.00	49.32 -2.43 0.00	45.21 -2.53 0.00	43.42 -2.57 0.00	41.08 -2.67 0.01	39.07 -2.58 0.01	37.69 -2.37 0.08	35.26 -2.37 0.02	36.50 -2.29 0.08	37.13 -2.50 0.01	43.87 -2.88 2.91	52.88 -2.96 0.00	60.96 -3.35 0.00	53.02 -3.09 0.00	43.84 -2.65 0.00	39.17 -2.10 0.00	36.02 -1.58 0.00
NEG CENTRAL____DRP 24199	34.72 -0.14 0.00	32.03 -0.19 0.00	30.88 -0.16 0.00	29.74 -0.18 0.00	30.09 -0.15 0.00	34.14 -0.17 0.00	42.14 -0.04 0.00	54.59 -0.55 0.00	51.02 -0.72 0.00	46.98 -0.76 0.00	45.03 -0.97 0.00	42.66 -1.09 0.01	40.53 -1.12 0.01	38.92 -1.16 0.06	36.51 -1.13 0.01	37.65 -1.17 0.06	38.56 -1.07 0.01	45.93 -1.29 2.44	55.00 -0.84 0.00	63.53 -0.77 0.00	55.27 -0.84 0.00	45.79 -0.70 0.00	40.74 -0.54 0.00	37.34 -0.26 0.00
NEG CENTRAL____INDECK 23768	34.93 0.07 0.00	32.33 0.10 0.00	31.07 0.03 0.00	29.91 0.00 0.00	30.34 0.09 0.00	34.48 0.17 0.00	42.82 0.63 0.00	54.92 -0.22 0.00	50.92 -0.83 0.00	46.17 -1.57 0.00	43.97 -2.02 0.00	41.43 -2.32 0.01	39.36 -2.29 0.01	37.70 -2.37 0.08	35.41 -2.22 0.02	36.59 -2.21 0.08	37.45 -2.18 0.01	43.84 -2.43 3.39	54.72 -1.12 0.00	63.79 -0.52 0.00	55.55 -0.56 0.00	45.83 -0.65 0.00	40.91 -0.37 0.00	37.68 0.08 0.00
NEG CENTRAL____SENECA 23627	34.76 -0.10 0.00	32.07 -0.16 0.00	30.91 -0.12 0.00	29.76 -0.15 0.00	30.15 -0.09 0.00	34.24 -0.07 0.00	42.40 0.21 0.00	54.65 -0.50 0.00	51.07 -0.67 0.00	46.98 -0.76 0.00	44.98 -1.01 0.00	42.53 -1.23 0.01	40.40 -1.25 0.01	38.75 -1.32 0.07	36.32 -1.32 0.02	37.49 -1.32 0.07	38.44 -1.19 0.01	45.11 -1.49 3.06	54.95 -0.89 0.00	63.59 -0.71 0.00	55.27 -0.84 0.00	45.83 -0.65 0.00	40.82 -0.45 0.00	37.41 -0.19 0.00
NEG CENTRAL____STATE_STREET 24147	34.79 -0.07 0.00	32.13 -0.10 0.00	30.94 -0.09 0.00	29.79 -0.12 0.00	30.15 -0.09 0.00	34.17 -0.14 0.00	42.02 -0.17 0.00	54.76 -0.39 0.00	51.23 -0.52 0.00	47.17 -0.57 0.00	45.30 -0.69 0.00	43.01 -0.74 0.01	40.90 -0.75 0.01	39.33 -0.76 0.06	36.85 -0.79 0.01	38.08 -0.74 0.06	38.96 -0.67 0.01	47.24 -0.79 1.62	55.39 -0.45 0.00	63.92 -0.39 0.00	55.66 -0.45 0.00	46.02 -0.46 0.00	40.87 -0.41 0.00	37.41 -0.19 0.00
NEG MILLWOOD____DRP 24198	36.15 1.29 0.00	33.42 1.19 0.00	32.15 1.12 0.00	30.90 0.99 0.00	31.15 0.91 0.00	35.51 1.20 0.00	44.08 1.90 0.00	57.95 2.81 0.00	54.54 2.79 0.00	50.56 2.82 0.00	48.80 2.81 0.00	46.60 2.84 0.00	44.24 2.58 0.00	42.68 2.57 0.03	39.98 2.33 0.01	41.37 2.53 0.03	42.25 2.62 0.00	51.87 3.23 1.02	58.91 3.07 0.00	68.03 3.73 0.00	59.25 3.14 0.00	49.00 2.51 0.00	43.18 1.90 0.00	38.96 1.35 0.00
NEG NORTH_FLCN_SEA 23793	34.65 -0.21 0.00	32.26 0.03 0.00	31.22 0.19 0.00	30.33 0.42 0.00	30.94 0.70 0.00	35.17 0.86 0.00	43.41 1.22 0.00	56.91 1.76 0.00	53.04 1.29 0.00	48.89 1.15 0.00	47.10 1.10 0.00	44.64 0.88 0.00	42.70 1.04 0.00	40.98 0.84 0.01	38.44 0.79 0.00	39.49 0.62 0.01	40.15 0.52 0.00	49.41 0.05 0.30	56.68 0.84 0.00	64.24 -0.06 0.00	57.40 1.29 0.00	47.65 1.16 0.00	43.14 1.86 0.00	39.48 1.88 0.00
NEG NORTH_KES_CHATEGAY 23792	34.51 -0.35 0.00	32.10 -0.13 0.00	31.00 -0.03 0.00	30.06 0.15 0.00	30.58 0.33 0.00	34.76 0.45 0.00	42.82 0.63 0.00	56.08 0.94 0.00	52.42 0.67 0.00	48.32 0.57 0.00	46.55 0.55 0.00	44.11 0.35 0.00	42.12 0.46 0.00	40.50 0.36 0.01	37.99 0.34 0.00	39.10 0.23 0.01	39.76 0.12 0.00	49.40 0.05 0.31	56.51 0.67 0.00	64.82 0.51 0.00	57.18 1.07 0.00	47.42 0.93 0.00	42.47 1.20 0.00	38.81 1.20 0.00
NEG NORTH____ALICE_FALLS 23915	34.83 -0.03 0.00	32.42 0.19 0.00	31.34 0.31 0.00	30.45 0.54 0.00	31.03 0.79 0.00	35.27 0.96 0.00	43.53 1.35 0.00	57.13 1.99 0.00	53.30 1.55 0.00	49.13 1.38 0.00	47.33 1.33 0.00	44.81 1.05 0.00	42.87 1.21 0.00	41.14 1.00 0.01	38.59 0.94 0.00	39.69 0.82 0.01	40.35 0.71 0.00	49.86 0.50 0.30	57.24 1.40 0.00	65.14 0.84 0.00	57.91 1.80 0.00	48.07 1.58 0.00	43.30 2.02 0.00	39.63 2.03 0.00
NEG NORTH____LWR_SARANAC 23913	34.83 -0.03 0.00	32.42 0.19 0.00	31.34 0.31 0.00	30.45 0.54 0.00	31.03 0.79 0.00	35.27 0.96 0.00	43.53 1.35 0.00	57.13 1.99 0.00	53.30 1.55 0.00	49.13 1.38 0.00	47.33 1.33 0.00	44.81 1.05 0.00	42.87 1.21 0.00	41.14 1.00 0.01	38.59 0.94 0.00	39.69 0.82 0.01	40.35 0.71 0.00	49.86 0.50 0.30	57.24 1.40 0.00	65.14 0.84 0.00	57.91 1.80 0.00	48.07 1.58 0.00	43.30 2.02 0.00	39.63 2.03 0.00
NEG NORTH____PLATTSBURG 23628	34.83 -0.03 0.00	32.39 0.16 0.00	31.34 0.31 0.00	30.45 0.54 0.00	31.03 0.79 0.00	35.27 0.96 0.00	43.53 1.35 0.00	57.12 1.98 0.00	53.30 1.55 0.00	49.13 1.39 0.00	47.33 1.33 0.00	44.81 1.05 0.00	42.87 1.21 0.00	41.14 1.00 0.01	38.59 0.94 0.00	39.69 0.82 0.01	40.31 0.67 0.00	49.86 0.50 0.30	57.24 1.40 0.00	65.14 0.83 0.00	57.91 1.80 0.00	48.07 1.58 0.00	43.30 2.02 0.00	39.63 2.03 0.00
NEG WEST_LEA_LOCKPORT 23791	33.19 -1.67 0.00	30.52 -1.71 0.00	29.51 -1.52 0.00	28.51 -1.41 0.00	28.94 -1.30 0.00	32.84 -1.48 0.00	40.75 -1.43 0.00	51.45 -3.69 0.00	48.02 -3.73 0.00	43.92 -3.82 0.00	42.04 -3.96 0.00	39.55 -4.20 0.01	37.74 -3.92 0.01	36.17 -3.89 0.08	34.06 -3.58 0.02	34.99 -3.81 0.08	35.75 -3.88 0.01	41.25 -5.21 3.20	51.09 -4.75 0.00	58.97 -5.34 0.00	51.17 -4.94 0.00	42.39 -4.09 0.00	38.35 -2.93 0.00	35.61 -1.99 0.00
NEG WEST____LANCASTR 23811	34.48 -0.38 0.00	31.78 -0.45 0.00	30.75 -0.28 0.00	29.68 -0.24 0.00	30.12 -0.12 0.00	34.24 -0.07 0.00	42.73 0.55 0.00	53.71 -1.43 0.00	50.19 -1.55 0.00	45.83 -1.91 0.00	43.88 -2.12 0.00	41.26 -2.49 0.01	39.36 -2.29 0.01	36.53 -3.53 0.08	34.32 -3.31 0.02	34.72 -4.08 0.08	37.21 -2.42 0.01	40.81 -5.66 3.19	53.33 -2.51 0.00	61.79 -2.51 0.00	53.53 -2.58 0.00	44.25 -2.23 0.00	39.83 -1.44 0.00	37.23 -0.38 0.00
NEG_PENN_ALLEGHNY 23528	34.86 0.00 0.00	32.23 0.00 0.00	31.00 -0.03 0.00	29.88 -0.03 0.00	30.25 0.00 0.00	34.31 0.00 0.00	42.40 0.21 0.00	55.03 -0.11 0.00	51.59 -0.15 0.00	47.41 -0.33 0.00	45.53 -0.46 0.00	43.14 -0.61 0.01	41.07 -0.58 0.01	39.29 -0.80 0.06	36.96 -0.68 0.01	38.00 -0.82 0.06	39.08 -0.56 0.01	46.49 -1.05 2.12	55.45 -0.39 0.00	64.05 -0.26 0.00	55.72 -0.39 0.00	46.11 -0.37 0.00	40.95 -0.33 0.00	37.53 -0.08 0.00
NEG____GEN_MONROE 24207	33.99 -0.87 0.00	31.33 -0.90 0.00	30.23 -0.81 0.00	29.17 -0.75 0.00	29.61 -0.64 0.00	33.66 -0.65 0.00	41.59 -0.59 0.00	53.32 -1.82 0.00	49.78 -1.97 0.00	45.45 -2.29 0.00	43.56 -2.44 0.00	41.04 -2.71 0.01	39.07 -2.58 0.01	37.65 -2.41 0.08	35.41 -2.22 0.02	36.54 -2.25 0.08	37.13 -2.50 0.01	43.58 -2.93 3.15	53.10 -2.74 0.00	61.34 -2.96 0.00	53.36 -2.75 0.00	44.21 -2.28 0.00	39.67 -1.61 0.00	36.59 -1.02 0.00

NEPA__ENERGY 23901	34.23 -0.63 0.00	31.62 -0.61 0.00	30.60 -0.43 0.00	29.56 -0.36 0.00	30.00 -0.24 0.00	34.11 -0.21 0.00	42.61 0.42 0.00	53.76 -1.38 0.00	50.19 -1.55 0.00	45.79 -1.96 0.00	43.83 -2.16 0.00	41.17 -2.58 0.01	39.28 -2.37 0.01	37.14 -2.93 0.08	34.88 -2.75 0.02	35.65 -3.15 0.08	37.13 -2.50 0.01	42.16 -4.32 3.18	53.33 -2.51 0.00	61.86 -2.44 0.00	53.59 -2.52 0.00	44.30 -2.18 0.00	39.79 -1.49 0.00	37.08 -0.53 0.00
NEVERSINK__HYD 23608	35.45 0.59 0.00	32.74 0.51 0.00	31.50 0.47 0.00	30.33 0.42 0.00	30.61 0.36 0.00	34.86 0.55 0.00	43.32 1.14 0.00	56.96 1.82 0.00	53.56 1.81 0.00	49.46 1.72 0.00	47.65 1.65 0.00	45.38 1.62 0.00	43.11 1.46 0.00	41.60 1.49 0.03	39.00 1.35 0.01	40.32 1.48 0.03	41.22 1.59 0.00	50.62 1.99 1.03	57.85 2.01 0.00	66.74 2.44 0.00	58.30 2.19 0.00	48.30 1.81 0.00	42.60 1.32 0.00	38.50 0.90 0.00
NEWKRMKL_115KV_TB1 55635	35.25 0.38 0.00	32.58 0.35 0.00	31.41 0.37 0.00	30.27 0.36 0.00	30.58 0.33 0.00	34.62 0.31 0.00	42.56 0.38 0.00	55.86 0.72 0.00	52.52 0.78 0.00	48.51 0.76 0.00	46.78 0.78 0.00	44.68 0.92 0.00	42.45 0.79 0.00	40.92 0.80 0.03	38.43 0.79 0.01	39.66 0.82 0.03	40.47 0.83 0.00	49.81 1.14 0.99	56.73 0.89 0.00	65.33 1.03 0.00	56.95 0.84 0.00	47.18 0.70 0.00	41.77 0.50 0.00	37.87 0.26 0.00
NEWTON__FALLS_HYD 23847	34.37 -0.49 0.00	31.71 -0.52 0.00	30.57 -0.47 0.00	29.53 -0.39 0.00	29.82 -0.42 0.00	33.87 -0.45 0.00	41.68 -0.51 0.00	55.14 0.00 0.00	51.49 -0.26 0.00	47.27 -0.48 0.00	45.44 -0.55 0.00	43.06 -0.70 0.00	40.99 -0.67 0.00	39.32 -0.80 0.02	36.89 -0.75 0.01	38.08 -0.78 0.02	38.80 -0.83 0.00	48.14 -0.74 0.77	55.62 -0.22 0.00	64.56 0.26 0.00	56.50 0.39 0.00	46.81 0.33 0.00	41.44 0.17 0.00	37.75 0.15 0.00
NGRID_A1_DSASP 323792	33.01 -1.85 0.00	30.49 -1.74 0.00	29.33 -1.71 0.00	28.33 -1.59 0.00	28.79 -1.45 0.00	32.63 -1.68 0.00	40.45 -1.73 0.00	50.90 -4.24 0.00	47.61 -4.14 0.00	43.54 -4.20 0.00	41.72 -4.28 0.00	39.29 -4.46 0.01	37.49 -4.17 0.01	35.97 -4.10 0.08	33.87 -3.76 0.02	34.87 -3.93 0.08	35.55 -4.08 0.01	41.00 -5.46 3.20	50.53 -5.31 0.00	58.19 -6.11 0.00	50.50 -5.61 0.00	41.84 -4.65 0.00	37.77 -3.51 0.00	35.31 -2.29 0.00
NGRID_A2_DSASP 323793	33.01 -1.85 0.00	30.49 -1.74 0.00	29.33 -1.71 0.00	28.33 -1.59 0.00	28.79 -1.45 0.00	32.63 -1.68 0.00	40.45 -1.73 0.00	50.90 -4.24 0.00	47.61 -4.14 0.00	43.54 -4.20 0.00	41.72 -4.28 0.00	39.29 -4.46 0.01	37.49 -4.17 0.01	35.97 -4.10 0.08	33.87 -3.76 0.02	34.87 -3.93 0.08	35.55 -4.08 0.01	41.00 -5.46 3.20	50.53 -5.31 0.00	58.19 -6.11 0.00	50.50 -5.61 0.00	41.84 -4.65 0.00	37.77 -3.51 0.00	35.31 -2.29 0.00
NGRID_A4_DSASP 323807	33.01 -1.85 0.00	30.49 -1.74 0.00	29.33 -1.71 0.00	28.33 -1.59 0.00	28.79 -1.45 0.00	32.63 -1.68 0.00	40.45 -1.73 0.00	50.90 -4.24 0.00	47.61 -4.14 0.00	43.54 -4.20 0.00	41.72 -4.28 0.00	39.29 -4.46 0.01	37.49 -4.17 0.01	35.97 -4.10 0.08	33.87 -3.76 0.02	34.87 -3.93 0.08	35.55 -4.08 0.01	41.00 -5.46 3.20	50.53 -5.31 0.00	58.19 -6.11 0.00	50.50 -5.61 0.00	41.84 -4.65 0.00	37.77 -3.51 0.00	35.31 -2.29 0.00
NIAGARA_115E_LBMP 323715	32.70 -2.16 0.00	30.20 -2.03 0.00	29.08 -1.95 0.00	28.09 -1.83 0.00	28.52 -1.72 0.00	32.36 -1.95 0.00	40.12 -2.07 0.00	50.51 -4.63 0.00	47.24 -4.50 0.00	43.16 -4.58 0.00	41.30 -4.69 0.01	38.94 -4.81 0.01	37.11 -4.54 0.01	35.53 -4.54 0.08	33.49 -4.14 0.02	34.44 -4.35 0.08	35.19 -4.44 0.01	40.50 -5.96 3.20	50.14 -5.70 0.00	57.81 -6.49 0.00	50.16 -5.95 0.00	41.56 -4.93 0.00	37.48 -3.80 0.00	35.01 -2.59 0.00
NIAGARA_115W_LBMP 323714	32.94 -1.92 0.00	30.39 -1.84 0.00	29.27 -1.77 0.00	28.27 -1.65 0.00	28.73 -1.51 0.00	32.56 -1.75 0.00	40.33 -1.86 0.00	50.79 -4.36 0.00	47.50 -4.24 0.00	43.45 -4.30 0.00	41.58 -4.42 0.00	39.20 -4.55 0.01	37.40 -4.25 0.01	35.89 -4.18 0.08	33.79 -3.84 0.02	34.75 -4.04 0.08	35.47 -4.16 0.01	40.90 -5.56 3.20	50.37 -5.47 0.00	58.07 -6.24 0.00	50.39 -5.72 0.00	41.74 -4.74 0.00	37.69 -3.59 0.00	35.23 -2.37 0.00
NIAGARA_230_LBMP 323716	33.05 -1.81 0.00	30.52 -1.71 0.00	29.36 -1.68 0.00	28.36 -1.56 0.00	28.82 -1.42 0.00	32.67 -1.65 0.00	40.45 -1.73 0.00	50.95 -4.19 0.00	47.66 -4.09 0.00	43.59 -4.15 0.00	41.76 -4.23 0.00	39.38 -4.38 0.01	37.53 -4.13 0.01	35.97 -4.10 0.08	33.90 -3.73 0.02	34.87 -3.93 0.08	35.63 -4.00 0.01	41.05 -5.41 3.20	50.65 -5.19 0.00	58.39 -5.91 0.00	50.67 -5.44 0.00	41.98 -4.51 0.00	37.85 -3.43 0.00	35.35 -2.26 0.00
NIAGARA__115KV_198_GIBSON 55903	32.94 -1.92 0.00	30.26 -1.97 0.00	29.27 -1.77 0.00	28.27 -1.65 0.00	28.73 -1.51 0.00	32.56 -1.75 0.00	40.33 -1.86 0.00	50.79 -4.36 0.00	47.45 -4.29 0.00	43.45 -4.30 0.00	41.58 -4.42 0.00	39.20 -4.55 0.01	37.40 -4.25 0.01	35.89 -4.17 0.08	33.83 -3.80 0.02	34.79 -4.00 0.08	35.47 -4.16 0.01	40.90 -5.56 3.20	50.42 -5.42 0.00	58.06 -6.24 0.00	50.39 -5.72 0.00	41.79 -4.70 0.00	37.89 -3.38 0.00	35.20 -2.41 0.00
NIAGARA____ 23760	33.05 -1.81 0.00	30.52 -1.71 0.00	29.36 -1.68 0.00	28.36 -1.56 0.00	28.82 -1.42 0.00	32.67 -1.65 0.00	40.45 -1.73 0.00	50.95 -4.19 0.00	47.66 -4.09 0.00	43.59 -4.15 0.00	41.76 -4.23 0.00	39.38 -4.38 0.01	37.53 -4.13 0.01	35.97 -4.10 0.08	33.90 -3.73 0.02	34.87 -3.93 0.08	35.63 -4.00 0.01	41.05 -5.41 3.20	50.65 -5.19 0.00	58.39 -5.91 0.00	50.67 -5.44 0.00	41.98 -4.51 0.00	37.85 -3.43 0.00	35.35 -2.26 0.00
NINE_MILE_1 23575	33.99 -0.87 0.00	31.45 -0.77 0.00	30.26 -0.77 0.00	29.17 -0.75 0.00	29.49 -0.75 0.00	33.39 -0.92 0.00	40.83 -1.35 0.00	52.99 -2.15 0.00	49.73 -2.02 0.00	45.78 -1.96 0.00	44.06 -1.93 0.00	41.85 -1.88 0.03	39.84 -1.79 0.03	38.16 -1.73 0.26	35.94 -1.66 0.06	36.95 -1.67 0.26	37.91 -1.70 0.03	39.01 -2.08 8.57	53.61 -2.24 0.00	61.92 -2.38 0.00	53.98 -2.13 0.00	44.62 -1.86 0.00	39.71 -1.57 0.00	36.40 -1.20 0.00
NINE_MILE_2 23744	33.99 -0.87 0.00	31.45 -0.77 0.00	30.26 -0.77 0.00	29.17 -0.75 0.00	29.49 -0.75 0.00	33.39 -0.92 0.00	40.79 -1.39 0.00	52.99 -2.15 0.00	49.73 -2.02 0.00	45.78 -1.96 0.00	44.06 -1.93 0.00	41.85 -1.88 0.03	39.84 -1.79 0.03	38.16 -1.73 0.26	35.93 -1.66 0.06	36.94 -1.67 0.26	37.91 -1.70 0.03	38.92 -2.08 8.65	53.61 -2.24 0.00	61.92 -2.38 0.00	53.98 -2.13 0.00	44.62 -1.86 0.00	39.71 -1.57 0.00	36.40 -1.20 0.00
NM_CAPITAL__DRP 24208	35.28 0.42 0.00	32.61 0.39 0.00	31.41 0.37 0.00	30.27 0.36 0.00	30.58 0.33 0.00	34.66 0.34 0.00	42.61 0.42 0.00	55.86 0.72 0.00	52.52 0.78 0.00	48.56 0.81 0.00	46.82 0.83 0.00	44.72 0.96 0.00	42.53 0.87 0.00	41.00 0.88 0.03	38.51 0.87 0.01	39.74 0.89 0.03	40.55 0.91 0.00	49.86 1.19 0.99	56.79 0.95 0.00	65.33 1.03 0.00	56.95 0.84 0.00	47.23 0.74 0.00	41.81 0.54 0.00	37.87 0.26 0.00

NM_CENTRAL___DRP 24181	34.55 -0.31 0.00	31.87 -0.35 0.00	30.69 -0.34 0.00	29.56 -0.36 0.00	29.91 -0.33 0.00	33.87 -0.45 0.00	41.51 -0.67 0.00	54.04 -1.10 0.00	50.71 -1.03 0.00	46.69 -1.05 0.00	44.94 -1.06 0.00	42.66 -1.09 0.01	40.57 -1.08 0.01	39.08 -1.00 0.06	36.62 -1.02 0.01	37.80 -1.01 0.06	38.64 -0.99 0.01	46.33 -1.24 2.09	54.67 -1.17 0.00	63.08 -1.22 0.00	54.93 -1.18 0.00	45.51 -0.98 0.00	40.45 -0.83 0.00	37.04 -0.56 0.00
NM_FRONTIER___DRP 24179	32.94 -1.92 0.00	30.26 -1.97 0.00	29.27 -1.77 0.00	28.27 -1.65 0.00	28.73 -1.51 0.00	32.56 -1.75 0.00	40.33 -1.86 0.00	50.79 -4.36 0.00	47.45 -4.29 0.00	43.45 -4.30 0.00	41.58 -4.42 0.00	39.20 -4.55 0.01	37.40 -4.25 0.01	35.89 -4.17 0.08	33.83 -3.80 0.02	34.79 -4.00 0.08	35.47 -4.16 0.01	40.90 -5.56 3.20	50.42 -5.42 0.00	58.06 -6.24 0.00	50.39 -5.72 0.00	41.79 -4.70 0.00	37.89 -3.38 0.00	35.20 -2.41 0.00
NM_ST_REGIS___HYD 24053	34.69 -0.17 0.00	32.13 -0.10 0.00	30.97 -0.06 0.00	29.94 0.03 0.00	30.34 0.09 0.00	34.42 0.10 0.00	42.44 0.25 0.00	55.91 0.77 0.00	52.26 0.52 0.00	48.13 0.38 0.00	46.32 0.32 0.00	43.85 0.09 0.00	41.78 0.12 0.00	40.13 0.00 0.01	37.65 0.00 0.00	38.75 -0.12 0.01	39.40 -0.24 0.00	48.99 -0.20 0.47	56.18 0.34 0.00	64.69 0.39 0.00	56.78 0.67 0.00	47.09 0.60 0.00	41.90 0.62 0.00	38.24 0.64 0.00
NORTHPORT___1 23551	35.98 1.12 0.00	33.10 0.87 0.00	31.78 0.74 0.00	30.66 0.75 0.00	30.82 0.57 0.00	35.24 0.93 0.00	43.66 1.48 0.00	56.80 1.65 0.00	54.08 2.33 0.00	50.51 2.77 0.00	49.03 3.03 0.00	46.87 3.11 0.00	44.66 3.00 0.00	43.00 2.89 0.03	40.32 2.67 0.01	41.68 2.84 0.03	42.53 2.89 0.00	51.97 3.33 1.02	58.63 2.79 0.00	67.39 3.09 0.00	58.86 2.75 0.00	48.67 2.19 0.00	42.97 1.69 0.00	38.62 1.02 0.00
NORTHPORT___2 23552	35.98 1.12 0.00	33.10 0.87 0.00	31.78 0.74 0.00	30.66 0.75 0.00	30.82 0.57 0.00	35.24 0.93 0.00	43.66 1.48 0.00	56.80 1.65 0.00	54.08 2.33 0.00	50.51 2.77 0.00	49.03 3.03 0.00	46.87 3.11 0.00	44.66 3.00 0.00	43.00 2.89 0.03	40.32 2.67 0.01	41.68 2.84 0.03	42.53 2.89 0.00	51.97 3.33 1.02	58.63 2.79 0.00	67.39 3.09 0.00	58.86 2.75 0.00	48.67 2.19 0.00	42.97 1.69 0.00	38.62 1.02 0.00
NORTHPORT___3 23553	35.98 1.12 0.00	33.06 0.84 0.00	31.78 0.74 0.00	30.63 0.72 0.00	30.82 0.57 0.00	35.20 0.89 0.00	43.79 1.60 0.00	56.41 1.27 0.00	53.61 1.86 0.00	50.42 2.67 0.00	49.03 3.03 0.00	46.87 3.11 0.00	44.62 2.96 0.00	42.96 2.85 0.03	40.32 2.67 0.01	41.68 2.84 0.03	42.53 2.89 0.00	51.92 3.28 1.02	58.08 2.24 0.00	66.81 2.51 0.00	58.30 2.19 0.00	48.86 2.37 0.00	43.05 1.77 0.00	38.73 1.13 0.00
NORTHPORT___4 23650	35.98 1.12 0.00	33.06 0.84 0.00	31.78 0.74 0.00	30.63 0.72 0.00	30.82 0.57 0.00	35.20 0.89 0.00	43.79 1.60 0.00	56.41 1.27 0.00	53.61 1.86 0.00	50.42 2.67 0.00	49.03 3.03 0.00	46.87 3.11 0.00	44.62 2.96 0.00	42.96 2.85 0.03	40.32 2.67 0.01	41.68 2.84 0.03	42.53 2.89 0.00	51.92 3.28 1.02	58.08 2.24 0.00	66.81 2.51 0.00	58.30 2.19 0.00	48.86 2.37 0.00	43.05 1.77 0.00	38.73 1.13 0.00
NORTHPORT___IC 23718	35.98 1.12 0.00	33.13 0.90 0.00	31.84 0.81 0.00	30.66 0.75 0.00	30.82 0.57 0.00	35.24 0.93 0.00	43.66 1.48 0.00	57.02 1.87 0.00	54.08 2.33 0.00	50.56 2.82 0.00	48.89 2.90 0.00	46.86 3.11 0.00	44.66 3.00 0.00	43.00 2.89 0.03	40.32 2.67 0.01	41.72 2.88 0.03	42.53 2.89 0.00	51.97 3.33 1.02	58.63 2.79 0.00	67.39 3.09 0.00	58.75 2.64 0.00	48.67 2.18 0.00	42.93 1.65 0.00	38.62 1.02 0.00
NORTH___COUNTRY_ESR 323785	34.41 -0.45 0.00	32.00 -0.22 0.00	30.91 -0.12 0.00	29.97 0.06 0.00	30.49 0.24 0.00	34.62 0.31 0.00	42.69 0.51 0.00	55.91 0.77 0.00	52.26 0.52 0.00	48.22 0.48 0.00	46.45 0.46 0.00	44.07 0.31 0.00	42.08 0.42 0.00	40.45 0.32 0.01	37.95 0.30 0.00	39.02 0.16 0.01	39.68 0.04 0.00	49.25 -0.10 0.31	56.29 0.44 0.00	64.56 0.26 0.00	56.95 0.84 0.00	47.23 0.74 0.00	42.31 1.03 0.00	38.65 1.05 0.00
NPX_GEN_1385_PROXY 323591	35.49 0.63 0.00	32.81 0.58 0.00	31.50 0.47 0.00	30.45 0.54 0.00	30.61 0.36 0.00	35.24 0.93 0.00	42.85 0.51 -0.16	50.28 0.39 5.25	52.55 1.14 0.33	49.46 1.72 0.00	48.80 2.81 0.00	46.48 2.71 0.00	44.41 2.75 0.00	42.80 2.69 0.03	40.13 2.48 0.01	41.49 2.64 0.03	42.41 2.77 0.00	51.77 3.13 1.02	58.30 2.45 0.00	60.23 1.67 5.74	58.13 2.02 0.00	46.75 1.16 0.90	42.35 1.07 0.00	38.05 0.45 0.00
NPX_GEN_CSC 323557	35.70 0.84 0.00	32.74 0.51 0.00	31.19 0.16 0.00	30.10 0.18 0.00	30.18 -0.06 0.00	34.45 0.14 0.00	43.25 0.80 -0.27	55.32 0.44 0.27	53.97 2.22 0.00	50.46 2.72 0.00	48.07 2.07 0.00	46.04 2.27 0.00	43.86 2.21 0.00	42.28 2.17 0.03	39.56 1.92 0.01	40.87 2.02 0.03	41.54 1.90 0.00	50.77 2.13 1.02	57.29 1.45 0.00	66.30 2.00 0.00	57.68 1.57 0.00	47.56 1.07 0.00	41.86 0.58 0.00	37.64 0.04 0.00
NSINS_S___GLNS_FALLS 23858	36.19 1.32 0.00	33.49 1.26 0.00	32.18 1.15 0.00	30.96 1.05 0.00	31.33 1.09 0.00	35.65 1.34 0.00	43.24 1.05 0.00	56.96 1.82 0.00	53.56 1.81 0.00	49.27 1.53 0.00	47.37 1.38 0.00	45.16 1.40 0.00	42.74 1.08 0.00	41.16 1.04 0.03	38.77 1.13 0.01	39.94 1.09 0.03	40.71 1.07 0.00	50.25 1.59 1.00	57.63 1.79 0.00	66.81 2.51 0.00	58.02 1.91 0.00	47.93 1.44 0.00	42.47 1.20 0.00	38.32 0.71 0.00
NUCOR_STEEL___DRP 24197	34.90 0.03 0.00	32.23 0.00 0.00	31.03 0.00 0.00	29.88 -0.03 0.00	30.25 0.00 0.00	34.28 -0.03 0.00	42.14 -0.04 0.00	54.92 -0.22 0.00	51.38 -0.36 0.00	47.31 -0.43 0.00	45.40 -0.60 0.00	43.10 -0.66 0.01	40.99 -0.67 0.01	39.41 -0.68 0.05	36.92 -0.72 0.01	38.16 -0.66 0.05	39.00 -0.63 0.01	47.37 -0.74 1.55	55.39 -0.45 0.00	63.92 -0.39 0.00	55.72 -0.39 0.00	46.07 -0.42 0.00	40.95 -0.33 0.00	37.49 -0.11 0.00
NUMBER_THREE_WT_PWR 323818	34.55 -0.31 0.00	31.84 -0.39 0.00	30.72 -0.31 0.00	29.67 -0.24 0.00	29.91 -0.33 0.00	34.04 -0.28 0.00	41.85 -0.34 0.00	55.48 0.33 0.00	51.80 0.05 0.00	47.41 -0.33 0.00	45.53 -0.46 0.00	43.19 -0.57 0.00	41.11 -0.54 0.00	39.39 -0.72 0.03	36.97 -0.68 0.01	38.22 -0.62 0.03	39.04 -0.59 0.00	48.26 -0.30 1.11	56.18 0.34 0.00	65.65 1.35 0.00	57.34 1.23 0.00	47.51 1.02 0.00	41.98 0.70 0.00	38.17 0.56 0.00
NYISO_LBMP_REFERENCE 24008	34.86 0.00 0.00	32.23 0.00 0.00	31.03 0.00 0.00	29.91 0.00 0.00	30.25 0.00 0.00	34.31 0.00 0.00	42.18 0.00 0.00	55.14 0.00 0.00	51.75 0.00 0.00	47.74 0.00 0.00	45.99 0.00 0.00	43.76 0.00 0.00	41.66 0.00 0.00	40.14 0.00 0.00	37.65 0.00 0.00	38.88 0.00 0.00	39.64 0.00 0.00	49.66 0.00 0.00	55.84 0.00 0.00	64.30 0.00 0.00	56.11 0.00 0.00	46.49 0.00 0.00	41.28 0.00 0.00	37.60 0.00 0.00

NYPA_BRENTWD____GT 24164	36.29 1.43 0.00	33.32 1.10 0.00	32.00 0.96 0.00	30.87 0.96 0.00	31.00 0.76 0.00	35.44 1.13 0.00	44.08 1.90 0.00	57.35 2.21 0.00	54.59 2.84 0.00	51.04 3.29 0.00	49.45 3.45 0.00	47.22 3.46 0.00	44.99 3.33 0.00	43.33 3.21 0.03	40.62 2.97 0.01	42.04 3.19 0.03	42.85 3.21 0.00	52.37 3.73 1.02	59.13 3.29 0.00	68.16 3.86 0.00	59.42 3.31 0.00	49.13 2.65 0.00	43.34 2.06 0.00	38.95 1.35 0.00
NYPA_GOWANUS____GT5 24156	48.52 1.64 -12.02	33.59 1.35 -0.01	32.41 1.36 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.79 1.47 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.78 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.83 -21.63	86.23 2.99 -44.36	86.24 3.17 -43.43	86.24 3.73 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.25 3.31 -26.83	53.16 3.07 -3.61	52.26 3.47 -7.52	50.31 1.77 -10.94
NYPA_GOWANUS____GT6 24157	48.52 1.64 -12.02	33.59 1.35 -0.01	32.41 1.36 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.79 1.47 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.78 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.83 -21.63	86.23 2.99 -44.36	86.24 3.17 -43.43	86.24 3.73 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.25 3.31 -26.83	53.16 3.07 -3.61	52.26 3.47 -7.52	50.31 1.77 -10.94
NYPA_HARLEM__RVR__GT1 24160	36.06 1.19 -0.01	33.16 0.94 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.30 1.00 0.01	44.12 1.94 0.01	57.56 2.42 0.01	54.27 2.53 0.01	50.50 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.36 2.71 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.57 2.74 0.01	67.38 3.09 0.01	58.74 2.64 0.01	48.99 2.51 0.01	43.54 2.27 0.01	38.88 1.28 0.00
NYPA_HARLEM__RVR__GT2 24161	36.06 1.19 -0.01	33.16 0.94 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.30 1.00 0.01	44.12 1.94 0.01	57.56 2.42 0.01	54.27 2.53 0.01	50.50 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.36 2.71 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.57 2.74 0.01	67.38 3.09 0.01	58.74 2.64 0.01	48.99 2.51 0.01	43.54 2.27 0.01	38.88 1.28 0.00
NYPA_KENT____GT 24152	43.26 1.50 -6.90	33.49 1.26 0.00	32.32 1.27 -0.01	31.09 1.17 -0.01	31.37 1.12 -0.01	35.65 1.34 0.00	46.95 2.32 -2.45	58.06 2.92 0.00	54.64 2.90 0.00	52.00 3.10 -1.15	51.19 3.08 -2.11	53.33 3.15 -6.42	55.92 3.00 -11.26	56.06 2.93 -12.99	57.73 2.75 -17.34	71.47 2.92 -29.68	71.78 3.09 -29.05	74.00 3.53 -20.81	74.55 3.24 -15.48	78.34 3.66 -10.37	74.69 3.20 -15.38	51.60 2.93 -2.18	49.09 2.97 -4.84	45.53 1.65 -6.27
NYPA_POUCH1____GT 24155	48.45 1.57 -12.02	33.56 1.32 -0.01	32.38 1.33 -0.01	31.18 1.26 -0.01	31.43 1.18 -0.01	35.73 1.41 -0.01	48.59 2.28 -4.13	58.01 2.87 0.00	54.49 2.74 0.00	52.54 3.01 -1.78	52.21 2.95 -3.27	55.03 3.02 -8.25	58.60 2.87 -14.06	59.35 2.81 -16.39	61.92 2.63 -21.63	86.07 2.84 -44.36	86.08 3.01 -43.43	86.04 3.53 -32.85	85.96 3.13 -26.99	85.99 3.60 -18.09	86.02 3.08 -26.83	53.02 2.93 -3.61	52.68 3.88 -7.52	50.20 1.65 -10.94
NYPA_VERNON____GT2 24162	37.99 1.36 -1.77	33.36 1.13 0.00	32.22 1.18 -0.01	31.00 1.08 -0.01	31.25 1.00 -0.01	35.55 1.23 0.00	45.14 2.19 -0.76	57.95 2.81 0.00	54.54 2.79 0.00	51.28 3.01 -0.52	49.98 3.03 -0.95	51.41 3.06 -4.58	53.03 2.92 -8.45	52.58 2.85 -9.58	53.36 2.67 -13.04	56.71 2.84 -14.99	57.28 2.97 -14.67	61.81 3.38 -8.77	62.93 3.13 -3.96	70.49 3.53 -2.65	63.07 3.03 -3.94	49.99 2.74 -0.76	45.96 2.52 -2.17	40.71 1.51 -1.61
NYPA_VERNON____GT3 24163	37.99 1.36 -1.77	33.36 1.13 0.00	32.22 1.18 -0.01	31.00 1.08 -0.01	31.25 1.00 -0.01	35.55 1.23 0.00	45.14 2.19 -0.76	57.95 2.81 0.00	54.54 2.79 0.00	51.28 3.01 -0.52	49.98 3.03 -0.95	51.41 3.06 -4.58	53.03 2.92 -8.45	52.58 2.85 -9.58	53.36 2.67 -13.04	56.71 2.84 -14.99	57.28 2.97 -14.67	61.81 3.38 -8.77	62.93 3.13 -3.96	70.49 3.53 -2.65	63.07 3.03 -3.94	49.99 2.74 -0.76	45.96 2.52 -2.17	40.71 1.51 -1.61
NYPA__ASTORIA_CC1 323568	36.23 1.36 -0.01	33.36 1.13 0.00	32.19 1.15 -0.01	31.00 1.08 -0.01	31.25 1.00 -0.01	35.51 1.20 0.00	44.54 2.19 -0.16	57.90 2.76 0.00	54.49 2.74 0.00	50.97 2.96 -0.26	49.46 2.99 -0.48	50.22 3.06 -3.40	50.97 2.87 -6.44	50.22 2.85 -7.23	50.22 2.63 -9.93	50.22 2.80 -8.54	50.97 2.97 -8.36	56.83 3.33 -3.84	58.91 3.07 0.00	67.71 3.41 0.00	59.08 2.97 0.00	49.46 2.74 -0.23	44.83 2.48 -1.07	39.11 1.51 0.00
NYPA__ASTORIA_CC2 323569	36.23 1.36 -0.01	33.36 1.13 0.00	32.19 1.15 -0.01	31.00 1.08 -0.01	31.25 1.00 -0.01	35.51 1.20 0.00	44.54 2.19 -0.16	57.90 2.76 0.00	54.49 2.74 0.00	50.97 2.96 -0.26	49.46 2.99 -0.48	50.22 3.06 -3.40	50.97 2.87 -6.44	50.22 2.85 -7.23	50.22 2.63 -9.93	50.22 2.80 -8.54	50.97 2.97 -8.36	56.83 3.33 -3.84	58.91 3.07 0.00	67.71 3.41 0.00	59.08 2.97 0.00	49.46 2.74 -0.23	44.83 2.48 -1.07	39.11 1.51 0.00
NYPA__HOLTSVILL 23794	35.98 1.12 0.00	33.06 0.84 0.00	31.72 0.68 0.00	30.60 0.69 0.00	30.73 0.48 0.00	35.10 0.79 0.00	43.66 1.48 0.00	56.74 1.60 0.00	54.18 2.43 0.00	50.66 2.91 0.00	48.98 2.99 0.00	46.78 3.02 0.00	44.57 2.92 0.00	42.96 2.85 0.03	40.24 2.60 0.01	41.61 2.76 0.03	42.41 2.77 0.00	51.82 3.18 1.02	58.47 2.63 0.00	67.45 3.15 0.00	58.75 2.64 0.00	48.63 2.14 0.00	42.85 1.57 0.00	38.50 0.90 0.00
NYPA__HELLGATE_GT1 24158	36.06 1.19 -0.01	33.16 0.94 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.30 1.00 0.01	44.12 1.94 0.01	57.56 2.42 0.01	54.27 2.53 0.01	50.50 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.36 2.71 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.62 2.79 0.01	67.44 3.15 0.01	58.80 2.69 0.01	48.99 2.51 0.01	43.54 2.27 0.01	38.88 1.28 0.00
NYPA__HELLGATE_GT2 24159	36.06 1.19 -0.01	33.16 0.94 0.00	32.19 1.15 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.30 1.00 0.01	44.12 1.94 0.01	57.56 2.42 0.01	54.27 2.53 0.01	50.50 2.77 0.01	48.79 2.81 0.01	46.64 2.89 0.01	44.36 2.71 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.71 3.08 1.03	58.62 2.79 0.01	67.44 3.15 0.01	58.80 2.69 0.01	48.99 2.51 0.01	43.54 2.27 0.01	38.88 1.28 0.00
NYS_BARGE__HYD 23848	33.19 -1.67 0.00	30.68 -1.55 0.00	29.51 -1.52 0.00	28.51 -1.41 0.00	28.95 -1.30 0.00	32.84 -1.47 0.00	40.79 -1.39 0.00	51.45 -3.69 0.00	48.12 -3.62 0.00	43.92 -3.82 0.00	42.04 -3.96 0.00	39.59 -4.16 0.01	37.73 -3.92 0.01	36.13 -3.93 0.08	34.05 -3.58 0.02	35.03 -3.77 0.08	35.79 -3.84 0.01	41.30 -5.17 3.19	51.09 -4.75 0.00	59.03 -5.27 0.00	51.23 -4.88 0.00	42.39 -4.09 0.00	38.18 -3.10 0.00	35.65 -1.96 0.00

OAK ORCHARD___HYD 24046	33.92 -0.94 0.00	31.36 -0.87 0.00	30.13 -0.90 0.00	29.05 -0.87 0.00	29.46 -0.79 0.00	33.42 -0.89 0.00	41.30 -0.89 0.00	53.05 -2.10 0.00	49.68 -2.07 0.00	45.50 -2.24 0.00	43.70 -2.30 0.00	41.26 -2.49 0.01	39.28 -2.37 0.01	37.93 -2.13 0.08	35.49 -2.14 0.02	36.77 -2.02 0.08	37.33 -2.30 0.01	43.88 -2.63 3.14	53.22 -2.62 0.00	61.35 -2.96 0.00	53.36 -2.75 0.00	44.12 -2.37 0.00	39.50 -1.77 0.00	36.44 -1.17 0.00
OAKDALE___35_KV_LOAD 356122	34.79 -0.07 0.00	32.13 -0.10 0.00	30.97 -0.06 0.00	29.85 -0.06 0.00	30.18 -0.06 0.00	34.28 -0.03 0.00	42.31 0.13 0.00	54.87 -0.28 0.00	51.44 -0.31 0.00	47.27 -0.48 0.00	45.44 -0.55 0.00	43.05 -0.70 0.01	40.99 -0.67 0.01	39.28 -0.80 0.06	36.85 -0.79 0.01	37.97 -0.86 0.06	39.00 -0.63 0.01	46.29 -1.14 2.23	55.28 -0.56 0.00	63.85 -0.45 0.00	55.61 -0.50 0.00	46.02 -0.46 0.00	40.91 -0.37 0.00	37.45 -0.15 0.00
OCC_CHEM___DRP 24175	33.01 -1.85 0.00	30.33 -1.90 0.00	29.33 -1.71 0.00	28.33 -1.59 0.00	28.79 -1.45 0.00	32.63 -1.68 0.00	40.45 -1.73 0.00	50.90 -4.25 0.00	47.56 -4.19 0.00	43.54 -4.20 0.00	41.72 -4.28 0.00	39.29 -4.46 0.01	37.49 -4.17 0.01	35.97 -4.09 0.08	33.90 -3.73 0.02	34.87 -3.93 0.08	35.55 -4.08 0.01	41.00 -5.46 3.20	50.54 -5.30 0.00	58.19 -6.11 0.00	50.50 -5.61 0.00	41.88 -4.60 0.00	37.98 -3.30 0.00	35.31 -2.29 0.00
OH_GEN_PROXY 24063	33.09 -1.78 0.00	30.55 -1.68 0.00	29.39 -1.65 0.00	28.39 -1.52 0.00	28.85 -1.39 0.00	32.70 -1.61 0.00	40.80 -1.65 -0.27	50.85 -4.02 0.27	47.81 -3.93 0.00	43.73 -4.01 0.00	41.85 -4.14 0.00	39.46 -4.29 0.01	37.61 -4.04 0.01	36.09 -3.97 0.08	33.98 -3.65 0.02	34.95 -3.85 0.08	35.71 -3.93 0.01	41.20 -5.27 3.20	50.76 -5.08 0.00	58.51 -5.79 0.00	50.78 -5.33 0.00	42.07 -4.42 0.00	37.94 -3.34 0.00	35.38 -2.22 0.00
OLIN_CORP_DRP 24177	32.77 -2.09 0.00	30.13 -2.09 0.00	29.14 -1.89 0.00	28.15 -1.76 0.00	28.58 -1.66 0.00	32.43 -1.89 0.00	40.20 -1.98 0.00	50.62 -4.52 0.00	47.30 -4.45 0.00	43.30 -4.44 0.00	41.44 -4.55 0.00	39.03 -4.73 0.01	37.24 -4.42 0.01	35.69 -4.38 0.08	33.64 -3.99 0.02	34.56 -4.24 0.08	35.31 -4.32 0.01	40.65 -5.81 3.20	50.31 -5.53 0.00	58.00 -6.30 0.00	50.28 -5.84 0.00	41.70 -4.79 0.00	37.77 -3.51 0.00	35.12 -2.48 0.00
OLIN_CORP_DSASP 323712	33.01 -1.85 0.00	30.49 -1.74 0.00	29.33 -1.71 0.00	28.33 -1.59 0.00	28.79 -1.45 0.00	32.63 -1.68 0.00	40.45 -1.73 0.00	50.90 -4.24 0.00	47.61 -4.14 0.00	43.54 -4.20 0.00	41.72 -4.28 0.00	39.29 -4.46 0.01	37.49 -4.17 0.01	35.97 -4.10 0.08	33.87 -3.76 0.02	34.87 -3.93 0.08	35.55 -4.08 0.01	41.00 -5.46 3.20	50.53 -5.31 0.00	58.19 -6.11 0.00	50.50 -5.61 0.00	41.84 -4.65 0.00	37.77 -3.51 0.00	35.31 -2.29 0.00
ONEIDA_HERK_LFGE 323681	35.11 0.25 0.00	32.36 0.13 0.00	31.16 0.12 0.00	30.10 0.18 0.00	30.37 0.12 0.00	34.52 0.21 0.00	42.44 0.25 0.00	56.02 0.88 0.00	52.47 0.72 0.00	48.17 0.43 0.00	46.32 0.32 0.00	43.98 0.22 0.00	41.87 0.21 0.00	40.19 0.08 0.04	37.76 0.11 0.01	38.96 0.12 0.04	39.79 0.16 0.00	48.91 0.50 1.25	56.73 0.89 0.00	65.84 1.54 0.00	57.46 1.34 0.00	47.60 1.11 0.00	42.10 0.83 0.00	38.28 0.68 0.00
ONEIDA___115KV_TB4 55905	35.49 0.63 0.00	32.68 0.45 0.00	31.47 0.43 0.00	30.36 0.45 0.00	30.67 0.42 0.00	34.83 0.51 0.00	42.82 0.63 0.00	56.30 1.16 0.00	52.73 0.98 0.00	48.41 0.67 0.00	46.55 0.55 0.00	44.15 0.39 0.01	42.07 0.42 0.01	40.42 0.32 0.05	37.94 0.30 0.01	39.14 0.31 0.05	40.03 0.40 0.01	48.77 0.70 1.58	57.01 1.17 0.00	65.97 1.67 0.00	57.51 1.40 0.00	47.65 1.16 0.00	42.19 0.91 0.00	38.39 0.79 0.00
ONONDAGA_REF_OCCRA 23987	34.65 -0.21 0.00	31.97 -0.26 0.00	30.79 -0.25 0.00	29.65 -0.27 0.00	30.00 -0.24 0.00	34.00 -0.31 0.00	41.72 -0.46 0.00	54.37 -0.77 0.00	50.97 -0.78 0.00	46.93 -0.81 0.00	45.12 -0.87 0.00	42.84 -0.92 0.01	40.74 -0.92 0.01	39.20 -0.88 0.06	36.77 -0.87 0.01	37.96 -0.86 0.06	38.80 -0.83 0.01	46.85 -0.99 1.81	55.00 -0.84 0.00	63.47 -0.84 0.00	55.27 -0.84 0.00	45.74 -0.74 0.00	40.66 -0.62 0.00	37.19 -0.41 0.00
ONONDAGA___COGEN 23986	34.72 -0.14 0.00	32.03 -0.19 0.00	30.88 -0.16 0.00	29.74 -0.18 0.00	30.06 -0.18 0.00	34.04 -0.27 0.00	41.76 -0.42 0.00	54.43 -0.72 0.00	51.07 -0.67 0.00	47.03 -0.72 0.00	45.21 -0.78 0.00	42.92 -0.83 0.01	40.86 -0.79 0.01	39.29 -0.80 0.05	36.85 -0.79 0.01	38.05 -0.78 0.05	38.88 -0.75 0.01	47.00 -0.94 1.71	55.06 -0.78 0.00	63.53 -0.77 0.00	55.33 -0.79 0.00	45.79 -0.70 0.00	40.70 -0.58 0.00	37.23 -0.38 0.00
ONTARIO___LFGE 23819	34.76 -0.10 0.00	32.13 -0.10 0.00	30.91 -0.12 0.00	29.80 -0.12 0.00	30.15 -0.09 0.00	34.24 -0.07 0.00	42.40 0.21 0.00	54.65 -0.50 0.00	51.33 -0.42 0.00	46.98 -0.77 0.00	44.98 -1.01 0.00	42.53 -1.23 0.01	40.40 -1.25 0.01	38.71 -1.37 0.07	36.35 -1.28 0.02	37.49 -1.32 0.07	38.44 -1.19 0.01	45.11 -1.49 3.06	54.95 -0.90 0.00	63.60 -0.71 0.00	55.27 -0.84 0.00	45.83 -0.65 0.00	40.74 -0.54 0.00	37.42 -0.19 0.00
ORANGEVILLE_WT_PWR 323706	33.47 -1.40 0.00	30.97 -1.26 0.00	29.79 -1.24 0.00	28.78 -1.14 0.00	29.16 -1.09 0.00	33.08 -1.23 0.00	41.09 -1.10 0.00	52.22 -2.92 0.00	48.80 -2.95 0.00	44.55 -3.20 0.00	42.59 -3.40 0.00	40.08 -3.68 0.01	38.15 -3.50 0.01	36.29 -3.78 0.07	34.21 -3.43 0.02	35.07 -3.73 0.07	35.95 -3.69 0.01	41.41 -4.92 3.33	52.04 -3.80 0.00	60.51 -3.79 0.00	52.58 -3.53 0.00	43.46 -3.02 0.00	38.97 -2.31 0.00	36.21 -1.39 0.00
ORANGEVILLE___ESR 323794	33.47 -1.40 0.00	30.97 -1.26 0.00	29.79 -1.24 0.00	28.78 -1.14 0.00	29.16 -1.09 0.00	33.08 -1.23 0.00	41.09 -1.10 0.00	52.22 -2.92 0.00	48.80 -2.95 0.00	44.55 -3.20 0.00	42.59 -3.40 0.00	40.08 -3.68 0.01	38.15 -3.50 0.01	36.29 -3.78 0.07	34.21 -3.43 0.02	35.07 -3.73 0.07	35.95 -3.69 0.01	41.41 -4.92 3.33	52.04 -3.80 0.00	60.51 -3.79 0.00	52.58 -3.53 0.00	43.46 -3.02 0.00	38.97 -2.31 0.00	36.21 -1.39 0.00
OSWEGATCHIE___HYD 24044	34.37 -0.49 0.00	31.71 -0.52 0.00	30.57 -0.46 0.00	29.52 -0.39 0.00	29.82 -0.42 0.00	33.87 -0.45 0.00	41.68 -0.50 0.00	55.14 0.00 0.00	51.49 -0.26 0.00	47.27 -0.48 0.00	45.44 -0.55 0.00	43.06 -0.70 0.00	40.99 -0.67 0.00	39.32 -0.80 0.02	36.89 -0.75 0.01	38.08 -0.78 0.02	38.80 -0.83 0.00	48.15 -0.74 0.77	55.62 -0.22 0.00	64.56 0.26 0.00	56.51 0.40 0.00	46.81 0.33 0.00	41.44 0.17 0.00	37.75 0.15 0.00
OSWEGO___5 23606	34.20 -0.66 0.00	31.61 -0.61 0.00	30.41 -0.62 0.00	29.32 -0.60 0.00	29.64 -0.60 0.00	33.56 -0.76 0.00	41.09 -1.10 0.00	53.60 -1.54 0.00	50.24 -1.50 0.00	46.26 -1.48 0.00	44.52 -1.47 0.00	42.28 -1.49 0.00	40.25 -1.42 0.00	38.81 -1.37 -0.04	36.34 -1.32 -0.01	37.59 -1.32 -0.04	38.30 -1.35 0.00	49.18 -1.64 -1.16	54.17 -1.67 0.00	62.37 -1.93 0.00	54.31 -1.80 0.00	44.95 -1.53 0.00	40.00 -1.28 0.00	36.66 -0.94 0.00

OSWEGO___6 23613	34.20 -0.66 0.00	31.61 -0.61 0.00	30.41 -0.62 0.00	29.32 -0.60 0.00	29.64 -0.60 0.00	33.56 -0.76 0.00	41.09 -1.10 0.00	53.60 -1.54 0.00	50.24 -1.50 0.00	46.26 -1.48 0.00	44.52 -1.47 0.00	42.28 -1.49 0.00	40.25 -1.42 0.00	38.81 -1.37 -0.04	36.34 -1.32 -0.01	37.59 -1.32 -0.04	38.30 -1.35 0.00	49.18 -1.64 -1.16	54.17 -1.67 0.00	62.37 -1.93 0.00	54.31 -1.80 0.00	44.95 -1.53 0.00	40.00 -1.28 0.00	36.66 -0.94 0.00
OUTOKUMPU-AB___DRP 24206	33.64 -1.22 0.00	30.94 -1.29 0.00	29.95 -1.09 0.00	28.90 -1.02 0.00	29.37 -0.88 0.00	33.32 -1.00 0.00	41.43 -0.76 0.00	52.22 -2.92 0.00	48.80 -2.95 0.00	44.64 -3.10 0.00	42.73 -3.27 0.00	40.25 -3.50 0.01	38.40 -3.25 0.01	36.69 -3.37 0.08	34.55 -3.09 0.02	35.45 -3.34 0.08	36.30 -3.33 0.01	41.80 -4.67 3.20	51.88 -3.96 0.00	59.87 -4.44 0.00	51.90 -4.21 0.00	43.00 -3.49 0.00	38.92 -2.35 0.00	36.17 -1.43 0.00
OXBOW___BTM 323836	33.29 -1.57 0.00	30.71 -1.51 0.00	29.58 -1.46 0.00	28.57 -1.35 0.00	29.03 -1.21 0.00	32.90 -1.41 0.00	40.88 -1.31 0.00	51.50 -3.64 0.00	48.18 -3.57 0.00	44.02 -3.72 0.00	42.18 -3.82 0.00	39.73 -4.03 0.01	37.90 -3.75 0.01	36.25 -3.81 0.08	34.17 -3.46 0.02	35.10 -3.69 0.08	35.90 -3.73 0.01	41.35 -5.11 3.20	51.15 -4.69 0.00	58.97 -5.34 0.00	51.17 -4.94 0.00	42.35 -4.14 0.00	38.22 -3.05 0.00	35.69 -1.92 0.00
OXBOW____ 24026	33.29 -1.57 0.00	30.58 -1.64 0.00	29.58 -1.46 0.00	28.57 -1.35 0.00	29.04 -1.21 0.00	32.91 -1.41 0.00	40.88 -1.31 0.00	51.50 -3.64 0.00	48.12 -3.62 0.00	44.02 -3.72 0.00	42.18 -3.82 0.00	39.73 -4.03 0.01	37.90 -3.75 0.01	36.29 -3.77 0.08	34.21 -3.43 0.02	35.10 -3.69 0.08	35.86 -3.77 0.01	41.35 -5.12 3.20	51.15 -4.69 0.00	58.97 -5.34 0.00	51.17 -4.94 0.00	42.39 -4.09 0.00	38.39 -2.89 0.00	35.68 -1.92 0.00
OXY_CHEM_DSASP 323612	33.01 -1.85 0.00	30.33 -1.90 0.00	29.33 -1.71 0.00	28.33 -1.59 0.00	28.79 -1.45 0.00	32.63 -1.68 0.00	40.45 -1.73 0.00	50.90 -4.25 0.00	47.56 -4.19 0.00	43.54 -4.20 0.00	41.72 -4.28 0.00	39.29 -4.46 0.01	37.49 -4.17 0.01	35.97 -4.09 0.08	33.90 -3.73 0.02	34.87 -3.93 0.08	35.55 -4.08 0.01	41.00 -5.46 3.20	50.54 -5.30 0.00	58.19 -6.11 0.00	50.50 -5.61 0.00	41.88 -4.60 0.00	37.98 -3.30 0.00	35.31 -2.29 0.00
OZONE_PARK_ESR 323760	36.29 1.43 0.00	33.42 1.19 0.00	32.18 1.15 0.00	30.96 1.05 0.00	31.24 1.00 0.00	35.58 1.27 0.00	44.42 2.24 0.00	58.06 2.92 0.00	54.70 2.95 0.00	50.80 3.06 0.00	49.08 3.08 0.00	46.91 3.15 0.00	44.66 3.00 0.00	43.04 2.93 0.03	40.35 2.71 0.01	41.76 2.92 0.03	42.69 3.05 0.00	52.27 3.63 1.02	59.19 3.35 0.00	68.16 3.86 0.00	59.42 3.31 0.00	49.32 2.84 0.00	43.51 2.23 0.00	39.18 1.58 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	33.01 -1.85 0.00	30.33 -1.90 0.00	29.33 -1.71 0.00	28.33 -1.59 0.00	28.79 -1.45 0.00	32.63 -1.68 0.00	40.45 -1.73 0.00	50.90 -4.25 0.00	47.56 -4.19 0.00	43.54 -4.20 0.00	41.72 -4.28 0.00	39.29 -4.46 0.01	37.49 -4.17 0.01	35.97 -4.09 0.08	33.90 -3.73 0.02	34.87 -3.93 0.08	35.55 -4.08 0.01	41.00 -5.46 3.20	50.54 -5.30 0.00	58.19 -6.11 0.00	50.50 -5.61 0.00	41.88 -4.60 0.00	37.98 -3.30 0.00	35.31 -2.29 0.00
PACKARD___115KV_DUPONT_184 80571	33.01 -1.85 0.00	30.33 -1.90 0.00	29.33 -1.71 0.00	28.33 -1.59 0.00	28.79 -1.45 0.00	32.63 -1.68 0.00	40.45 -1.73 0.00	50.90 -4.25 0.00	47.56 -4.19 0.00	43.54 -4.20 0.00	41.72 -4.28 0.00	39.29 -4.46 0.01	37.49 -4.17 0.01	35.97 -4.09 0.08	33.90 -3.73 0.02	34.87 -3.93 0.08	35.55 -4.08 0.01	41.00 -5.46 3.20	50.54 -5.30 0.00	58.19 -6.11 0.00	50.50 -5.61 0.00	41.88 -4.60 0.00	37.98 -3.30 0.00	35.31 -2.29 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	36.09 1.22 -0.01	33.26 1.03 0.00	32.16 1.12 -0.01	30.94 1.02 -0.01	31.22 0.97 -0.01	35.34 1.03 0.00	44.16 1.98 0.01	57.57 2.43 0.00	54.28 2.54 0.00	50.46 2.72 0.01	48.75 2.76 0.01	46.59 2.84 0.01	44.36 2.71 0.01	42.75 2.65 0.04	40.08 2.45 0.02	41.48 2.64 0.04	42.40 2.77 0.01	51.76 3.13 1.03	58.63 2.79 0.00	67.45 3.15 0.00	58.80 2.69 0.00	48.99 2.51 0.01	43.17 1.90 0.01	38.92 1.32 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	36.26 1.39 -0.01	33.42 1.19 0.00	32.35 1.30 -0.01	31.15 1.23 -0.01	31.43 1.18 -0.01	35.58 1.27 0.00	44.45 2.28 0.01	57.95 2.81 0.00	54.54 2.79 0.00	50.65 2.91 0.01	48.88 2.90 0.01	46.73 2.98 0.01	44.44 2.79 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.81 3.18 1.03	58.69 2.85 0.00	67.58 3.28 0.00	58.97 2.86 0.00	49.13 2.65 0.01	43.29 2.02 0.01	38.99 1.39 0.00
PATROON___115KV_TB1 80586	35.32 0.45 0.00	32.65 0.42 0.00	31.44 0.40 0.00	30.33 0.42 0.00	30.64 0.39 0.00	34.69 0.38 0.00	42.65 0.46 0.00	55.97 0.83 0.00	52.63 0.88 0.00	48.65 0.91 0.00	46.91 0.92 0.00	44.76 1.01 0.00	42.53 0.87 0.00	41.00 0.88 0.03	38.51 0.87 0.01	39.74 0.89 0.03	40.55 0.91 0.00	49.91 1.24 0.99	56.90 1.06 0.00	65.52 1.22 0.00	57.06 0.95 0.00	47.28 0.79 0.00	41.90 0.62 0.00	37.94 0.34 0.00
PATTRSNVILLE___SOLAR 323815	35.84 0.97 0.00	33.13 0.90 0.00	31.84 0.81 0.00	30.66 0.75 0.00	31.00 0.76 0.00	35.24 0.93 0.00	43.49 1.31 0.00	56.96 1.82 0.00	53.25 1.50 0.00	48.94 1.19 0.00	47.05 1.06 0.00	44.76 1.01 0.00	42.57 0.92 0.00	40.99 0.88 0.03	38.59 0.94 0.01	39.90 1.05 0.03	40.74 1.11 0.00	50.28 1.64 1.02	57.68 1.84 0.00	66.61 2.31 0.00	58.02 1.91 0.00	48.07 1.58 0.00	42.60 1.32 0.00	38.58 0.98 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	34.37 -0.49 0.00	31.65 -0.58 0.00	30.63 -0.40 0.00	29.59 -0.33 0.00	30.03 -0.21 0.00	34.11 -0.21 0.00	42.56 0.38 0.00	53.54 -1.60 0.00	50.09 -1.66 0.00	45.74 -2.01 0.00	43.79 -2.21 0.00	41.17 -2.58 0.01	39.32 -2.33 0.01	36.77 -3.29 0.08	34.55 -3.09 0.02	35.11 -3.69 0.08	37.13 -2.50 0.01	41.35 -5.12 3.20	53.22 -2.62 0.00	61.60 -2.70 0.00	53.36 -2.75 0.00	44.16 -2.32 0.00	39.75 -1.53 0.00	37.08 -0.53 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	36.15 1.29 0.00	33.42 1.19 0.00	32.15 1.12 0.00	30.90 0.99 0.00	31.15 0.91 0.00	35.51 1.20 0.00	44.08 1.90 0.00	57.95 2.81 0.00	54.54 2.79 0.00	50.56 2.82 0.00	48.80 2.81 0.00	46.60 2.84 0.00	44.24 2.58 0.00	42.68 2.57 0.03	39.98 2.33 0.01	41.37 2.53 0.03	42.25 2.62 0.00	51.87 3.23 1.02	58.91 3.07 0.00	68.03 3.73 0.00	59.25 3.14 0.00	49.00 2.51 0.00	43.18 1.90 0.00	38.96 1.35 0.00
PEEKSKILL____ 23653	35.70 0.84 0.00	32.97 0.74 0.00	31.75 0.71 0.00	30.57 0.66 0.00	30.82 0.57 0.00	35.10 0.79 0.00	43.62 1.44 0.00	57.12 1.98 0.00	53.71 1.97 0.00	49.84 2.10 0.00	48.11 2.12 0.00	45.94 2.19 0.00	43.70 2.04 0.00	42.16 2.05 0.03	39.53 1.88 0.01	40.87 2.02 0.03	41.78 2.14 0.00	51.07 2.43 1.02	58.13 2.29 0.00	67.00 2.70 0.00	58.36 2.25 0.00	48.39 1.91 0.00	42.72 1.44 0.00	38.47 0.87 0.00

PGE MADISON___WINDPWR 24146	37.13 2.26 0.00	34.10 1.87 0.00	32.71 1.67 0.00	31.53 1.61 0.00	31.73 1.48 0.00	36.10 1.78 0.00	44.46 2.28 0.00	58.94 3.80 0.00	55.06 3.31 0.00	50.18 2.43 0.00	47.88 1.89 0.00	45.07 1.31 0.01	42.86 1.21 0.01	40.93 0.84 0.05	38.39 0.75 0.01	39.60 0.78 0.05	40.70 1.07 0.01	50.58 1.79 0.86	59.13 3.29 0.00	68.80 4.50 0.00	59.98 3.87 0.00	49.65 3.16 0.00	43.84 2.56 0.00	40.01 2.41 0.00
PIERCEFIELD___HYD 23852	34.62 -0.24 0.00	32.00 -0.23 0.00	30.85 -0.19 0.00	29.79 -0.12 0.00	30.12 -0.12 0.00	34.21 -0.10 0.00	42.10 -0.08 0.00	55.47 0.33 0.00	51.90 0.16 0.00	47.79 0.05 0.00	45.99 0.00 0.00	43.58 -0.18 0.00	41.49 -0.17 0.00	39.81 -0.32 0.02	37.38 -0.26 0.00	38.47 -0.39 0.02	39.12 -0.52 0.00	48.67 -0.50 0.50	55.79 -0.06 0.00	64.30 0.00 0.00	56.39 0.28 0.00	46.76 0.28 0.00	41.57 0.29 0.00	37.90 0.30 0.00
PINELAWN_CC_1 323563	36.15 1.29 0.00	33.23 1.00 0.00	31.93 0.90 0.00	30.78 0.87 0.00	30.94 0.70 0.00	35.34 1.03 0.00	43.96 1.77 0.00	57.24 2.09 0.00	54.33 2.59 0.00	50.80 3.06 0.00	49.21 3.22 0.00	47.00 3.24 0.00	44.74 3.08 0.00	43.13 3.01 0.03	40.43 2.79 0.01	41.84 2.99 0.03	42.69 3.05 0.00	52.17 3.53 1.02	58.91 3.07 0.00	67.90 3.60 0.00	59.20 3.08 0.00	49.09 2.60 0.00	43.26 1.98 0.00	38.88 1.28 0.00
PJM_GEN_HTP_PROXY 323702	35.98 1.12 0.00	33.16 0.94 0.00	31.96 0.93 0.00	30.75 0.84 0.00	31.03 0.79 0.00	35.34 1.03 0.00	44.35 1.90 -0.27	57.36 2.48 0.27	54.23 2.48 0.00	50.42 2.67 0.00	48.66 2.67 0.00	46.52 2.76 0.00	44.28 2.63 0.00	42.68 2.57 0.03	40.06 2.41 0.01	41.41 2.57 0.03	42.33 2.70 0.00	51.72 3.08 1.02	58.69 2.85 0.00	67.58 3.28 0.00	58.86 2.75 0.00	48.90 2.42 0.00	43.18 1.90 0.00	38.88 1.28 0.00
PJM_GEN_KEystone 24065	34.62 -0.24 0.00	32.00 -0.22 0.00	30.85 -0.19 0.00	29.71 -0.21 0.00	30.06 -0.18 0.00	34.18 -0.14 0.00	42.79 0.34 -0.27	54.55 -0.33 0.27	51.44 -0.31 0.00	47.36 -0.38 0.00	45.58 -0.41 0.00	43.23 -0.52 0.01	41.16 -0.50 0.01	39.37 -0.72 0.05	37.11 -0.53 0.01	38.13 -0.70 0.05	39.20 -0.44 0.01	46.57 -1.09 1.99	55.17 -0.67 0.00	63.72 -0.58 0.00	55.38 -0.73 0.00	45.88 -0.61 0.00	40.74 -0.54 0.00	37.30 -0.30 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.87 1.01 0.00	33.03 0.81 0.00	31.75 0.71 0.00	30.60 0.69 0.00	30.79 0.54 0.00	35.13 0.82 0.00	43.97 1.52 -0.27	56.64 1.76 0.27	53.92 2.17 0.00	50.37 2.62 0.00	48.80 2.81 0.00	46.65 2.89 0.00	44.41 2.75 0.00	42.80 2.69 0.03	40.13 2.48 0.01	41.49 2.64 0.03	42.37 2.73 0.00	51.72 3.08 1.02	58.41 2.57 0.00	67.26 2.96 0.00	58.64 2.53 0.00	48.72 2.23 0.00	42.97 1.69 0.00	38.65 1.05 0.00
PJM_GEN_VFT_PROXY 323633	35.77 0.90 0.00	32.97 0.74 0.00	31.81 0.78 0.00	30.60 0.69 0.00	30.85 0.60 0.00	35.17 0.86 0.00	44.18 1.73 -0.27	57.02 2.15 0.27	53.97 2.22 0.00	50.18 2.43 0.00	48.48 2.48 0.00	46.34 2.58 0.00	44.07 2.42 0.00	42.52 2.41 0.03	39.86 2.22 0.01	41.26 2.41 0.03	42.13 2.50 0.00	51.47 2.83 1.02	58.41 2.57 0.00	63.25 2.90 3.95	58.58 2.47 0.00	48.67 2.19 0.00	42.76 1.48 0.00	38.65 1.05 0.00
PLATSBURG_115KV_PMLD1 355749	34.62 -0.24 0.00	32.26 0.03 0.00	31.22 0.19 0.00	30.33 0.42 0.00	30.94 0.70 0.00	35.17 0.86 0.00	43.37 1.18 0.00	56.85 1.71 0.00	53.04 1.29 0.00	48.84 1.10 0.00	47.10 1.10 0.00	44.59 0.83 0.00	42.66 1.00 0.00	40.98 0.84 0.01	38.44 0.79 0.00	39.49 0.62 0.01	40.15 0.52 0.00	49.51 0.15 0.30	56.73 0.89 0.00	64.50 0.19 0.00	57.46 1.35 0.00	47.69 1.21 0.00	43.09 1.82 0.00	39.44 1.84 0.00
PLEASANTVLY___LBMP 24000	35.66 0.80 0.00	32.97 0.74 0.00	31.72 0.68 0.00	30.54 0.63 0.00	30.82 0.57 0.00	35.07 0.75 0.00	43.49 1.31 0.00	56.91 1.76 0.00	53.56 1.81 0.00	49.65 1.91 0.00	47.93 1.93 0.00	45.81 2.06 0.00	43.57 1.92 0.00	42.04 1.93 0.03	39.41 1.77 0.01	40.75 1.91 0.03	41.66 2.02 0.00	50.98 2.33 1.02	57.96 2.12 0.00	66.68 2.38 0.00	58.13 2.02 0.00	48.21 1.72 0.00	42.60 1.32 0.00	38.43 0.83 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.91 1.05 0.00	33.16 0.93 0.00	31.90 0.87 0.00	30.72 0.81 0.00	30.97 0.73 0.00	35.27 0.96 0.00	43.83 1.65 0.00	57.40 2.26 0.00	54.08 2.33 0.00	50.18 2.43 0.00	48.43 2.44 0.00	46.25 2.49 0.00	44.03 2.37 0.00	42.44 2.33 0.03	39.79 2.15 0.01	41.18 2.33 0.03	42.05 2.42 0.00	51.47 2.83 1.02	58.47 2.62 0.00	67.39 3.09 0.00	58.69 2.58 0.00	48.67 2.18 0.00	42.93 1.65 0.00	38.69 1.09 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.91 1.05 0.00	33.16 0.93 0.00	31.90 0.87 0.00	30.72 0.81 0.00	30.97 0.73 0.00	35.27 0.96 0.00	43.83 1.65 0.00	57.40 2.26 0.00	54.08 2.33 0.00	50.18 2.43 0.00	48.43 2.44 0.00	46.25 2.49 0.00	44.03 2.37 0.00	42.44 2.33 0.03	39.79 2.15 0.01	41.18 2.33 0.03	42.05 2.42 0.00	51.47 2.83 1.02	58.47 2.62 0.00	67.39 3.09 0.00	58.69 2.58 0.00	48.67 2.18 0.00	42.93 1.65 0.00	38.69 1.09 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.80 0.94 0.00	33.10 0.87 0.00	31.84 0.81 0.00	30.66 0.75 0.00	30.91 0.67 0.00	35.20 0.89 0.00	43.70 1.52 0.00	57.29 2.15 0.00	53.87 2.12 0.00	49.85 2.10 0.00	48.11 2.12 0.00	45.95 2.19 0.00	43.70 2.04 0.00	42.16 2.05 0.03	39.53 1.88 0.01	40.87 2.02 0.03	41.78 2.14 0.00	51.22 2.58 1.02	58.24 2.40 0.00	67.07 2.76 0.00	58.52 2.41 0.00	48.53 2.05 0.00	42.81 1.53 0.00	38.65 1.05 0.00
POLETTI___ 23519	36.05 1.19 0.00	33.26 1.03 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.09 0.85 0.00	35.41 1.10 0.00	44.17 1.98 0.00	57.68 2.54 0.00	54.33 2.59 0.00	50.47 2.72 0.00	48.71 2.71 0.00	46.60 2.84 0.00	44.32 2.67 0.00	42.76 2.65 0.03	40.09 2.45 0.01	41.49 2.64 0.03	42.41 2.77 0.00	51.77 3.13 1.02	58.74 2.90 0.00	67.58 3.28 0.00	58.92 2.81 0.00	49.00 2.51 0.00	43.22 1.94 0.00	38.96 1.35 0.00
POMONA___ESR 323819	35.63 0.77 0.00	32.91 0.68 0.00	31.69 0.65 0.00	30.51 0.60 0.00	30.76 0.51 0.00	35.07 0.75 0.00	43.62 1.44 0.00	57.12 1.98 0.00	53.76 2.02 0.00	49.80 2.05 0.00	48.07 2.07 0.00	45.90 2.14 0.00	43.66 2.00 0.00	42.12 2.01 0.03	39.49 1.84 0.01	40.83 1.98 0.03	41.70 2.06 0.00	51.02 2.38 1.02	58.08 2.24 0.00	66.94 2.64 0.00	58.30 2.19 0.00	48.35 1.86 0.00	42.68 1.40 0.00	38.47 0.87 0.00
PORT_JEFF_3 23555	36.19 1.32 0.00	33.23 1.00 0.00	31.84 0.81 0.00	30.72 0.81 0.00	30.85 0.60 0.00	35.24 0.93 0.00	43.91 1.73 0.00	57.02 1.88 0.00	54.54 2.79 0.00	51.04 3.29 0.00	49.26 3.27 0.00	47.09 3.32 0.00	44.82 3.16 0.00	43.20 3.09 0.03	40.50 2.86 0.01	41.88 3.03 0.03	42.69 3.05 0.00	52.17 3.53 1.02	58.85 3.01 0.00	67.90 3.60 0.00	59.14 3.03 0.00	48.90 2.42 0.00	43.09 1.81 0.00	38.69 1.09 0.00

PORT_JEFF_4 23616	36.08 1.22 0.00	33.13 0.90 0.00	31.78 0.74 0.00	30.66 0.75 0.00	30.79 0.54 0.00	35.17 0.86 0.00	43.79 1.60 0.00	56.91 1.76 0.00	54.38 2.64 0.00	50.85 3.10 0.00	49.12 3.13 0.00	46.95 3.19 0.00	44.70 3.04 0.00	43.08 2.97 0.03	40.39 2.75 0.01	41.76 2.92 0.03	42.57 2.93 0.00	51.97 3.33 1.02	58.69 2.85 0.00	67.71 3.41 0.00	58.97 2.86 0.00	48.76 2.28 0.00	42.97 1.69 0.00	38.62 1.02 0.00
PORT_JEFF_IC 23713	36.15 1.29 0.00	33.23 1.00 0.00	31.90 0.87 0.00	30.69 0.78 0.00	30.82 0.57 0.00	35.20 0.89 0.00	43.87 1.69 0.00	57.35 2.21 0.00	54.49 2.74 0.00	50.99 3.25 0.00	49.08 3.08 0.00	47.04 3.28 0.00	44.78 3.12 0.00	43.16 3.05 0.03	40.43 2.79 0.01	41.84 2.99 0.03	42.65 3.01 0.00	52.12 3.48 1.02	58.80 2.96 0.00	67.84 3.54 0.00	59.03 2.92 0.00	48.81 2.32 0.00	43.01 1.73 0.00	38.65 1.05 0.00
PPL_PILGRIM_ST_GT1 24216	36.29 1.43 0.00	33.32 1.10 0.00	32.00 0.96 0.00	30.87 0.96 0.00	31.00 0.76 0.00	35.44 1.13 0.00	44.08 1.90 0.00	57.35 2.21 0.00	54.59 2.84 0.00	51.04 3.29 0.00	49.45 3.45 0.00	47.22 3.46 0.00	44.99 3.33 0.00	43.33 3.21 0.03	40.62 2.97 0.01	42.04 3.19 0.03	42.85 3.21 0.00	52.37 3.73 1.02	59.13 3.29 0.00	68.16 3.86 0.00	59.42 3.31 0.00	49.13 2.65 0.00	43.34 2.06 0.00	38.95 1.35 0.00
PPL_PILGRIM_ST_GT2 24217	36.29 1.43 0.00	33.32 1.10 0.00	32.00 0.96 0.00	30.87 0.96 0.00	31.00 0.76 0.00	35.44 1.13 0.00	44.08 1.90 0.00	57.35 2.21 0.00	54.59 2.84 0.00	51.04 3.29 0.00	49.45 3.45 0.00	47.22 3.46 0.00	44.99 3.33 0.00	43.33 3.21 0.03	40.62 2.97 0.01	42.04 3.19 0.03	42.85 3.21 0.00	52.37 3.73 1.02	59.13 3.29 0.00	68.16 3.86 0.00	59.42 3.31 0.00	49.13 2.65 0.00	43.34 2.06 0.00	38.95 1.35 0.00
PPL_SHRM_GT3 24213	35.73 0.87 0.00	32.78 0.55 0.00	31.22 0.19 0.00	30.15 0.24 0.00	30.25 0.00 0.00	34.48 0.17 0.00	43.07 0.89 0.00	55.69 0.55 0.00	53.97 2.22 0.00	50.46 2.72 0.00	48.11 2.12 0.00	46.08 2.32 0.00	43.91 2.25 0.00	42.32 2.21 0.03	39.60 1.96 0.01	40.91 2.06 0.03	41.62 1.98 0.00	50.82 2.18 1.02	57.40 1.56 0.00	66.42 2.12 0.00	57.79 1.68 0.00	47.65 1.16 0.00	41.98 0.70 0.00	37.72 0.11 0.00
PPL_SHRM_GT4 24214	35.73 0.87 0.00	32.78 0.55 0.00	31.22 0.19 0.00	30.15 0.24 0.00	30.25 0.00 0.00	34.48 0.17 0.00	43.07 0.89 0.00	55.69 0.55 0.00	53.97 2.22 0.00	50.46 2.72 0.00	48.11 2.12 0.00	46.08 2.32 0.00	43.91 2.25 0.00	42.32 2.21 0.03	39.60 1.96 0.01	40.91 2.06 0.03	41.62 1.98 0.00	50.82 2.18 1.02	57.40 1.56 0.00	66.42 2.12 0.00	57.79 1.68 0.00	47.65 1.16 0.00	41.98 0.70 0.00	37.72 0.11 0.00
PROJECT___ORANGE 1 24174	34.55 -0.31 0.00	31.87 -0.35 0.00	30.69 -0.34 0.00	29.59 -0.33 0.00	29.91 -0.33 0.00	33.87 -0.45 0.00	41.55 -0.63 0.00	54.09 -1.05 0.00	50.76 -0.98 0.00	46.74 -1.00 0.00	44.98 -1.01 0.00	42.70 -1.05 0.01	40.61 -1.04 0.01	39.08 -1.00 0.06	36.66 -0.98 0.01	37.84 -0.97 0.06	38.64 -0.99 0.01	46.37 -1.19 2.10	54.72 -1.12 0.00	63.08 -1.22 0.00	54.99 -1.12 0.00	45.51 -0.98 0.00	40.49 -0.78 0.00	37.04 -0.56 0.00
PROJECT___ORANGE 2 24166	34.55 -0.31 0.00	31.87 -0.35 0.00	30.69 -0.34 0.00	29.59 -0.33 0.00	29.91 -0.33 0.00	33.87 -0.45 0.00	41.55 -0.63 0.00	54.09 -1.05 0.00	50.76 -0.98 0.00	46.74 -1.00 0.00	44.98 -1.01 0.00	42.70 -1.05 0.01	40.61 -1.04 0.01	39.08 -1.00 0.06	36.66 -0.98 0.01	37.84 -0.97 0.06	38.64 -0.99 0.01	46.37 -1.19 2.10	54.72 -1.12 0.00	63.08 -1.22 0.00	54.99 -1.12 0.00	45.51 -0.98 0.00	40.49 -0.78 0.00	37.04 -0.56 0.00
PUCKETT___SOLAR 323809	35.39 0.52 0.00	32.68 0.45 0.00	31.44 0.40 0.00	30.27 0.36 0.00	30.61 0.36 0.00	34.79 0.48 0.00	42.98 0.80 0.00	55.97 0.83 0.00	52.42 0.67 0.00	48.08 0.34 0.00	46.09 0.09 0.00	43.58 -0.17 0.01	41.45 -0.21 0.01	39.65 -0.44 0.05	37.26 -0.38 0.01	38.32 -0.51 0.05	39.40 -0.24 0.01	47.46 -0.40 1.80	56.29 0.44 0.00	65.14 0.83 0.00	56.73 0.62 0.00	46.90 0.42 0.00	41.61 0.33 0.00	38.09 0.49 0.00
PYRITES___HYD 24023	35.28 0.42 0.00	32.58 0.35 0.00	31.38 0.34 0.00	30.33 0.42 0.00	30.67 0.42 0.00	34.83 0.51 0.00	42.90 0.72 0.00	56.69 1.54 0.00	52.89 1.14 0.00	48.60 0.86 0.00	46.73 0.74 0.00	44.24 0.48 0.00	42.16 0.50 0.00	40.45 0.32 0.01	37.99 0.34 0.00	39.14 0.27 0.01	39.80 0.16 0.00	49.63 0.45 0.47	56.96 1.12 0.00	65.78 1.48 0.00	57.68 1.57 0.00	47.79 1.30 0.00	42.43 1.16 0.00	38.69 1.09 0.00
QUAKERRD_115KV_BK1 80622	33.40 -1.46 0.00	30.78 -1.45 0.00	29.67 -1.37 0.00	28.57 -1.35 0.00	28.97 -1.27 0.00	32.87 -1.44 0.00	40.54 -1.65 0.00	52.27 -2.87 0.00	48.95 -2.79 0.00	44.93 -2.82 0.00	43.14 -2.85 0.00	40.82 -2.93 0.01	38.82 -2.83 0.01	37.41 -2.65 0.08	35.18 -2.45 0.02	36.31 -2.49 0.08	36.93 -2.70 0.01	43.47 -3.13 3.06	52.55 -3.29 0.00	60.51 -3.79 0.00	52.63 -3.48 0.00	43.60 -2.88 0.00	39.05 -2.23 0.00	35.83 -1.77 0.00
QUEENSBRY_115KV_TB8 356137	36.22 1.36 0.00	33.52 1.29 0.00	32.18 1.15 0.00	30.99 1.08 0.00	31.33 1.09 0.00	35.65 1.34 0.00	43.20 1.01 0.00	56.96 1.82 0.00	53.56 1.81 0.00	49.27 1.53 0.00	47.37 1.38 0.00	45.11 1.36 0.00	42.70 1.04 0.00	41.12 1.00 0.03	38.74 1.09 0.01	39.90 1.05 0.03	40.67 1.03 0.00	50.20 1.54 1.00	57.57 1.73 0.00	66.81 2.51 0.00	58.02 1.91 0.00	47.88 1.39 0.00	42.47 1.20 0.00	38.28 0.68 0.00
RAMAPO___LBMP 323565	35.52 0.66 0.00	32.84 0.61 0.00	31.59 0.56 0.00	30.42 0.51 0.00	30.67 0.42 0.00	34.93 0.62 0.00	43.41 1.22 0.00	56.85 1.71 0.00	53.51 1.76 0.00	49.56 1.81 0.00	47.83 1.84 0.00	45.64 1.88 0.00	43.41 1.75 0.00	41.88 1.77 0.03	39.26 1.62 0.01	40.60 1.75 0.03	41.50 1.86 0.00	50.77 2.14 1.03	57.80 1.95 0.00	66.62 2.31 0.00	58.07 1.96 0.00	48.11 1.63 0.00	42.47 1.20 0.00	38.32 0.71 0.00
RANKINE____ 23646	34.03 -0.84 0.00	31.29 -0.93 0.00	30.29 -0.74 0.00	29.26 -0.66 0.00	29.70 -0.54 0.00	33.73 -0.58 0.00	42.02 -0.17 0.00	52.94 -2.21 0.00	49.47 -2.28 0.00	45.21 -2.53 0.00	43.33 -2.67 0.00	40.78 -2.98 0.01	38.90 -2.75 0.01	36.89 -3.17 0.08	34.70 -2.94 0.02	35.49 -3.30 0.08	36.78 -2.85 0.01	41.80 -4.67 3.20	52.60 -3.24 0.00	60.77 -3.54 0.00	52.69 -3.42 0.00	43.60 -2.88 0.00	39.38 -1.90 0.00	36.66 -0.94 0.00
RAVENSWOOD_GT2_1 24244	36.01 1.15 0.00	33.26 1.03 0.00	32.00 0.96 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.38 1.06 0.00	44.12 1.94 0.00	57.68 2.54 0.00	54.33 2.59 0.00	50.47 2.72 0.00	48.71 2.71 0.00	46.60 2.84 0.00	44.32 2.67 0.00	42.72 2.61 0.03	40.09 2.45 0.01	41.45 2.60 0.03	42.37 2.74 0.00	51.77 3.13 1.02	58.74 2.90 0.00	67.58 3.28 0.00	58.92 2.81 0.00	48.95 2.46 0.00	43.18 1.90 0.00	38.92 1.32 0.00

RAVENSWOOD_GT2_2 24245	36.01 1.15 0.00	33.26 1.03 0.00	32.00 0.96 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.38 1.06 0.00	44.12 1.94 0.00	57.68 2.54 0.00	54.33 2.59 0.00	50.47 2.72 0.00	48.71 2.71 0.00	46.60 2.84 0.00	44.32 2.67 0.00	42.72 2.61 0.03	40.09 2.45 0.01	41.45 2.60 0.03	42.37 2.74 0.00	51.77 3.13 1.02	58.74 2.90 0.00	67.58 3.28 0.00	58.92 2.81 0.00	48.95 2.46 0.00	43.18 1.90 0.00	38.92 1.32 0.00
RAVENSWOOD_GT2_3 24246	36.05 1.19 0.00	33.26 1.03 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.09 0.85 0.00	35.41 1.10 0.00	44.17 1.98 0.00	57.68 2.54 0.00	54.33 2.59 0.00	50.47 2.72 0.00	48.75 2.76 0.00	46.60 2.84 0.00	44.37 2.71 0.00	42.76 2.65 0.03	40.09 2.45 0.01	41.49 2.64 0.03	42.41 2.77 0.00	51.77 3.13 1.02	58.74 2.90 0.00	67.65 3.34 0.00	58.97 2.86 0.00	49.00 2.51 0.00	43.22 1.94 0.00	38.92 1.32 0.00
RAVENSWOOD_GT2_4 24247	36.05 1.19 0.00	33.26 1.03 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.09 0.85 0.00	35.41 1.10 0.00	44.17 1.98 0.00	57.68 2.54 0.00	54.33 2.59 0.00	50.47 2.72 0.00	48.75 2.76 0.00	46.60 2.84 0.00	44.37 2.71 0.00	42.76 2.65 0.03	40.09 2.45 0.01	41.49 2.64 0.03	42.41 2.77 0.00	51.77 3.13 1.02	58.74 2.90 0.00	67.65 3.34 0.00	58.97 2.86 0.00	49.00 2.51 0.00	43.22 1.94 0.00	38.92 1.32 0.00
RAVENSWOOD_GT3_1 24248	36.01 1.15 0.00	33.26 1.03 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.38 1.06 0.00	44.12 1.94 0.00	57.68 2.54 0.00	54.33 2.59 0.00	50.47 2.72 0.00	48.75 2.76 0.00	46.60 2.84 0.00	44.32 2.67 0.00	42.72 2.61 0.03	40.09 2.45 0.01	41.49 2.64 0.03	42.37 2.74 0.00	51.77 3.13 1.02	58.74 2.90 0.00	67.65 3.34 0.00	58.97 2.86 0.00	48.95 2.46 0.00	43.18 1.90 0.00	38.92 1.32 0.00
RAVENSWOOD_GT3_2 24249	36.01 1.15 0.00	33.26 1.03 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.38 1.06 0.00	44.12 1.94 0.00	57.68 2.54 0.00	54.33 2.59 0.00	50.47 2.72 0.00	48.75 2.76 0.00	46.60 2.84 0.00	44.32 2.67 0.00	42.72 2.61 0.03	40.09 2.45 0.01	41.49 2.64 0.03	42.37 2.74 0.00	51.77 3.13 1.02	58.74 2.90 0.00	67.65 3.34 0.00	58.97 2.86 0.00	48.95 2.46 0.00	43.18 1.90 0.00	38.92 1.32 0.00
RAVENSWOOD_GT3_3 24250	36.05 1.19 0.00	33.29 1.06 0.00	32.06 1.02 0.00	30.84 0.93 0.00	31.09 0.85 0.00	35.41 1.10 0.00	44.21 2.02 0.00	57.73 2.59 0.00	54.39 2.64 0.00	50.51 2.77 0.00	48.80 2.81 0.00	46.65 2.89 0.00	44.41 2.75 0.00	42.80 2.69 0.03	40.13 2.48 0.01	41.53 2.68 0.03	42.45 2.81 0.00	51.82 3.18 1.02	58.80 2.96 0.00	67.71 3.41 0.00	59.03 2.92 0.00	49.04 2.56 0.00	43.26 1.98 0.00	38.96 1.35 0.00
RAVENSWOOD_GT3_4 24251	36.05 1.19 0.00	33.29 1.06 0.00	32.06 1.02 0.00	30.84 0.93 0.00	31.09 0.85 0.00	35.41 1.10 0.00	44.21 2.02 0.00	57.73 2.59 0.00	54.39 2.64 0.00	50.51 2.77 0.00	48.80 2.81 0.00	46.65 2.89 0.00	44.41 2.75 0.00	42.80 2.69 0.03	40.13 2.48 0.01	41.53 2.68 0.03	42.45 2.81 0.00	51.82 3.18 1.02	58.80 2.96 0.00	67.71 3.41 0.00	59.03 2.92 0.00	49.04 2.56 0.00	43.26 1.98 0.00	38.96 1.35 0.00
RAVENSWOOD_GT_1 23729	37.99 1.36 -1.77	33.39 1.16 0.00	32.19 1.15 -0.01	31.00 1.08 -0.01	31.25 1.00 -0.01	35.55 1.24 0.00	45.14 2.19 -0.76	57.90 2.76 0.00	54.54 2.79 0.00	51.28 3.01 -0.52	49.94 2.99 -0.95	51.41 3.06 -4.58	53.03 2.92 -8.45	52.58 2.85 -9.58	53.32 2.64 -13.04	56.71 2.84 -14.99	57.28 2.97 -14.67	61.81 3.38 -8.77	62.87 3.07 -3.96	70.49 3.54 -2.65	63.08 3.03 -3.94	49.99 2.74 -0.76	45.59 2.15 -2.17	40.71 1.50 -1.61
RAVENSWOOD_GT_10 24258	36.01 1.15 0.00	33.26 1.03 0.00	32.00 0.96 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.38 1.06 0.00	44.11 1.94 0.02	57.62 2.48 0.00	54.33 2.59 0.00	50.44 2.72 0.03	48.66 2.71 0.05	46.22 2.80 0.35	43.67 2.67 0.65	41.99 2.61 0.76	39.05 2.41 1.01	40.59 2.60 0.90	41.53 2.74 0.85	51.28 3.13 1.51	58.74 2.90 0.00	67.58 3.28 0.00	58.92 2.81 0.00	48.93 2.46 0.02	43.07 1.90 0.11	38.92 1.32 0.00
RAVENSWOOD_GT_11 24259	36.01 1.15 0.00	33.26 1.03 0.00	32.00 0.96 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.38 1.06 0.00	44.11 1.94 0.02	57.62 2.48 0.00	54.33 2.59 0.00	50.44 2.72 0.03	48.66 2.71 0.05	46.22 2.80 0.35	43.67 2.67 0.65	41.99 2.61 0.76	39.05 2.41 1.01	40.59 2.60 0.90	41.53 2.74 0.85	51.28 3.13 1.51	58.74 2.90 0.00	67.58 3.28 0.00	58.92 2.81 0.00	48.93 2.46 0.02	43.07 1.90 0.11	38.92 1.32 0.00
RAVENSWOOD_GT_4 24252	37.31 1.12 -1.34	33.23 1.00 0.00	31.96 0.93 0.01	30.78 0.87 0.01	31.03 0.79 0.01	35.38 1.06 0.00	44.42 1.90 -0.34	57.62 2.48 0.00	54.28 2.54 0.00	50.41 2.67 0.01	48.66 2.67 0.01	44.84 2.80 1.72	40.85 2.62 3.44	38.91 2.61 3.84	34.74 2.41 5.32	39.74 2.60 1.74	40.68 2.70 1.65	51.73 3.08 1.01	61.70 2.85 -3.02	69.60 3.28 -2.02	61.91 2.81 -3.00	49.12 2.42 -0.22	43.14 1.86 -0.01	40.10 1.28 -1.22
RAVENSWOOD_GT_5 24254	37.31 1.12 -1.34	33.23 1.00 0.00	31.96 0.93 0.01	30.78 0.87 0.01	31.03 0.79 0.01	35.38 1.06 0.00	44.42 1.90 -0.34	57.62 2.48 0.00	54.28 2.54 0.00	50.41 2.67 0.01	48.66 2.67 0.01	44.84 2.80 1.72	40.85 2.62 3.44	38.91 2.61 3.84	34.74 2.41 5.32	39.74 2.60 1.74	40.68 2.70 1.65	51.73 3.08 1.01	61.70 2.85 -3.02	69.60 3.28 -2.02	61.91 2.81 -3.00	49.12 2.42 -0.22	43.14 1.86 -0.01	40.10 1.28 -1.22
RAVENSWOOD_GT_6 24253	37.31 1.12 -1.34	33.23 1.00 0.00	31.96 0.93 0.01	30.78 0.87 0.01	31.03 0.79 0.01	35.38 1.06 0.00	44.42 1.90 -0.34	57.62 2.48 0.00	54.28 2.54 0.00	50.41 2.67 0.01	48.66 2.67 0.01	44.84 2.80 1.72	40.85 2.62 3.44	38.91 2.61 3.84	34.74 2.41 5.32	39.74 2.60 1.74	40.68 2.70 1.65	51.73 3.08 1.01	61.70 2.85 -3.02	69.60 3.28 -2.02	61.91 2.81 -3.00	49.12 2.42 -0.22	43.14 1.86 -0.01	40.10 1.28 -1.22
RAVENSWOOD_GT_7 24255	37.31 1.12 -1.34	33.23 1.00 0.00	31.96 0.93 0.01	30.78 0.87 0.01	31.03 0.79 0.01	35.38 1.06 0.00	44.42 1.90 -0.34	57.62 2.48 0.00	54.28 2.54 0.00	50.41 2.67 0.01	48.66 2.67 0.01	44.84 2.80 1.72	40.85 2.62 3.44	38.91 2.61 3.84	34.74 2.41 5.32	39.74 2.60 1.74	40.68 2.70 1.65	51.73 3.08 1.01	61.70 2.85 -3.02	69.60 3.28 -2.02	61.91 2.81 -3.00	49.12 2.42 -0.22	43.14 1.86 -0.01	40.10 1.28 -1.22
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.01 1.15 0.00	33.26 1.03 0.00	32.00 0.96 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.38 1.06 0.00	44.11 1.94 0.02	57.62 2.48 0.00	54.33 2.59 0.00	50.44 2.72 0.03	48.66 2.71 0.05	46.22 2.80 0.35	43.67 2.67 0.65	41.99 2.61 0.76	39.05 2.41 1.01	40.59 2.60 0.90	41.53 2.74 0.85	51.28 3.13 1.51	58.74 2.90 0.00	67.58 3.28 0.00	58.92 2.81 0.00	48.93 2.46 0.02	43.07 1.90 0.11	38.92 1.32 0.00

RAVENSWOOD_GT_9 24257	36.01 1.15 0.00	33.26 1.03 0.00	32.00 0.96 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.38 1.06 0.00	44.11 1.94 0.02	57.62 2.48 0.00	54.33 2.59 0.00	50.44 2.72 0.03	48.66 2.71 0.05	46.22 2.80 0.35	43.67 2.67 0.65	41.99 2.61 0.76	39.05 2.41 1.01	40.59 2.60 0.90	41.53 2.74 0.85	51.28 3.13 1.51	58.74 2.90 0.00	67.58 3.28 0.00	58.92 2.81 0.00	48.93 2.46 0.02	43.07 1.90 0.11	38.92 1.32 0.00
RAVENSWOOD___1 23533	36.23 1.36 -0.01	33.36 1.13 0.00	32.19 1.15 -0.01	30.97 1.05 -0.01	31.25 1.00 -0.01	35.51 1.20 0.00	44.54 2.19 -0.16	57.90 2.76 0.00	54.49 2.74 0.00	50.97 2.96 -0.26	49.46 2.99 -0.48	50.22 3.06 -3.40	50.98 2.87 -6.44	50.23 2.85 -7.23	50.23 2.63 -9.95	50.23 2.80 -8.55	50.94 2.93 -8.37	56.88 3.38 -3.84	58.91 3.07 0.00	67.77 3.47 0.00	59.08 2.97 0.00	49.46 2.74 -0.23	44.83 2.48 -1.07	39.11 1.51 0.00
RAVENSWOOD___2 23534	36.23 1.36 -0.01	33.32 1.10 0.00	32.19 1.15 -0.01	30.97 1.05 -0.01	31.22 0.97 -0.01	35.51 1.20 0.00	44.54 2.19 -0.16	57.90 2.76 0.00	54.49 2.74 0.00	50.97 2.96 -0.26	49.46 2.99 -0.48	50.17 3.02 -3.39	50.95 2.87 -6.42	50.16 2.81 -7.21	50.20 2.63 -9.91	50.20 2.80 -8.52	50.91 2.93 -8.33	56.81 3.33 -3.83	58.91 3.07 0.00	67.77 3.47 0.00	59.08 2.97 0.00	49.46 2.74 -0.23	44.82 2.48 -1.07	39.07 1.47 0.00
RAVENSWOOD___3 23535	36.01 1.15 0.00	33.23 1.00 0.00	32.03 0.99 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.38 1.06 0.00	44.13 1.94 0.00	57.68 2.54 0.00	54.28 2.53 0.00	50.46 2.72 0.00	48.75 2.76 0.00	46.60 2.84 0.00	44.33 2.67 0.00	42.76 2.65 0.03	40.09 2.45 0.01	41.45 2.61 0.03	42.37 2.73 0.00	51.77 3.13 1.02	58.74 2.90 0.00	67.64 3.34 0.00	58.92 2.80 0.00	48.99 2.51 0.00	43.26 1.98 0.00	38.92 1.32 0.00
RAVENSWOOD___4 23820	34.46 1.32 1.73	33.32 1.10 0.00	32.16 1.12 -0.01	30.97 1.05 -0.01	31.22 0.97 -0.01	35.51 1.20 0.00	43.90 2.15 0.44	57.84 2.70 0.00	54.49 2.74 0.00	50.71 2.96 -0.01	48.99 2.99 -0.01	49.00 3.02 -2.22	48.97 2.87 -4.44	47.85 2.81 -4.89	47.11 2.60 -6.86	43.85 2.80 -2.18	44.70 2.93 -2.13	51.96 3.33 1.03	55.01 3.07 3.90	65.16 3.47 2.61	55.21 2.97 3.88	48.94 2.74 0.29	43.75 2.48 0.01	37.49 1.47 1.58
RCPI_TRUST___DRP 24196	35.98 1.12 0.00	33.23 1.00 0.00	32.00 0.96 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.41 1.10 0.00	44.12 1.94 0.00	57.68 2.54 0.00	54.33 2.59 0.00	50.47 2.72 0.00	48.75 2.76 0.00	46.60 2.84 0.00	44.37 2.71 0.00	42.76 2.65 0.03	40.09 2.45 0.01	41.53 2.68 0.03	42.41 2.77 0.00	51.82 3.18 1.02	58.80 2.96 0.00	67.65 3.34 0.00	58.97 2.86 0.00	48.95 2.46 0.00	43.18 1.90 0.00	38.88 1.28 0.00
RED___ROCHESTER 323720	34.13 -0.73 0.00	31.55 -0.68 0.00	30.32 -0.71 0.00	29.23 -0.69 0.00	29.64 -0.60 0.00	33.63 -0.69 0.00	41.55 -0.63 0.00	53.49 -1.65 0.00	50.09 -1.66 0.00	45.83 -1.91 0.00	44.02 -1.98 0.00	41.61 -2.14 0.01	39.57 -2.08 0.01	38.21 -1.85 0.09	35.75 -1.88 0.02	37.04 -1.75 0.09	37.65 -1.98 0.01	44.27 -2.23 3.15	53.66 -2.18 0.00	61.86 -2.44 0.00	53.81 -2.30 0.00	44.49 -2.00 0.00	39.79 -1.48 0.00	36.66 -0.94 0.00
REGAN___SOLAR 323812	36.81 1.95 0.00	34.06 1.84 0.00	32.68 1.64 0.00	31.47 1.55 0.00	31.85 1.60 0.00	36.27 1.95 0.00	44.92 2.74 0.00	59.00 3.86 0.00	55.06 3.31 0.00	50.18 2.43 0.00	48.07 2.07 0.00	45.64 1.88 0.00	43.33 1.67 0.00	41.68 1.56 0.03	39.34 1.70 0.01	40.67 1.83 0.03	41.58 1.94 0.00	51.63 3.03 1.06	59.64 3.80 0.00	69.32 5.02 0.00	60.20 4.09 0.00	49.83 3.35 0.00	44.09 2.81 0.00	39.82 2.22 0.00
RENSSELAER___COGEN 23796	35.21 0.35 0.00	32.48 0.26 0.00	31.34 0.31 0.00	30.21 0.30 0.00	30.52 0.27 0.00	34.55 0.24 0.00	42.48 0.30 0.00	55.75 0.61 0.00	52.37 0.62 0.00	48.41 0.67 0.00	46.68 0.69 0.00	44.55 0.79 0.00	42.36 0.71 0.00	40.84 0.72 0.03	38.36 0.71 0.01	39.62 0.78 0.03	40.43 0.79 0.00	49.72 1.04 0.99	56.62 0.78 0.00	65.14 0.83 0.00	56.84 0.73 0.00	47.09 0.60 0.00	41.73 0.45 0.00	37.79 0.19 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.95 2.09 0.00	34.19 1.97 0.00	32.80 1.77 0.00	31.56 1.65 0.00	31.97 1.72 0.00	36.44 2.13 0.00	44.38 2.19 0.00	58.84 3.69 0.00	55.42 3.67 0.00	50.75 3.01 0.00	48.71 2.71 0.00	46.34 2.58 0.00	43.57 1.92 0.00	41.84 1.73 0.03	39.53 1.88 0.01	40.83 1.98 0.03	41.54 1.90 0.00	51.69 3.03 1.00	59.53 3.69 0.00	69.51 5.21 0.00	60.21 4.10 0.00	49.55 3.07 0.00	43.80 2.52 0.00	39.37 1.77 0.00
REVERE_CPFR_DRP 24186	35.63 0.77 0.00	32.81 0.58 0.00	31.59 0.56 0.00	30.48 0.57 0.00	30.76 0.51 0.00	34.96 0.65 0.00	42.99 0.80 0.00	56.74 1.60 0.00	53.14 1.40 0.00	48.70 0.95 0.00	46.82 0.83 0.00	44.41 0.66 0.00	42.28 0.62 0.00	40.62 0.52 0.04	38.13 0.49 0.01	39.34 0.51 0.04	40.27 0.63 0.00	49.28 1.09 1.47	57.52 1.68 0.00	66.62 2.31 0.00	58.13 2.02 0.00	48.11 1.63 0.00	42.60 1.32 0.00	38.73 1.13 0.00
REYNOLDS_115KV_TB3 80639	35.35 0.49 0.00	32.68 0.45 0.00	31.47 0.43 0.00	30.30 0.39 0.00	30.64 0.39 0.00	34.72 0.41 0.00	42.65 0.46 0.00	55.91 0.77 0.00	52.57 0.83 0.00	48.60 0.86 0.00	46.91 0.92 0.00	44.81 1.05 0.00	42.62 0.96 0.00	41.12 1.00 0.03	38.59 0.94 0.01	39.82 0.97 0.03	40.67 1.03 0.00	49.96 1.29 0.99	56.85 1.01 0.00	65.40 1.09 0.00	57.01 0.90 0.00	47.28 0.79 0.00	41.86 0.58 0.00	37.94 0.34 0.00
RIVERBAY____ 323610	36.26 1.39 -0.01	33.42 1.19 0.00	32.35 1.30 -0.01	31.15 1.23 -0.01	31.43 1.18 -0.01	35.58 1.27 0.00	44.45 2.28 0.01	57.95 2.81 0.00	54.54 2.79 0.00	50.65 2.91 0.01	48.88 2.90 0.01	46.73 2.98 0.01	44.44 2.79 0.01	42.79 2.69 0.04	40.12 2.48 0.02	41.52 2.68 0.04	42.44 2.81 0.01	51.81 3.18 1.03	58.69 2.85 0.00	67.58 3.28 0.00	58.97 2.86 0.00	49.13 2.65 0.01	43.29 2.02 0.01	38.99 1.39 0.00
RIVERSDE_115KV_TB3 55908	35.28 0.42 0.00	32.61 0.39 0.00	31.41 0.37 0.00	30.27 0.36 0.00	30.58 0.33 0.00	34.66 0.34 0.00	42.61 0.42 0.00	55.86 0.72 0.00	52.52 0.78 0.00	48.56 0.81 0.00	46.82 0.83 0.00	44.72 0.96 0.00	42.53 0.87 0.00	41.00 0.88 0.03	38.51 0.87 0.01	39.74 0.89 0.03	40.55 0.91 0.00	49.86 1.19 0.99	56.79 0.95 0.00	65.33 1.03 0.00	56.95 0.84 0.00	47.23 0.74 0.00	41.81 0.54 0.00	37.87 0.26 0.00
ROARING___BROOK_WT_PWR 323790	34.27 -0.59 0.00	31.78 -0.45 0.00	30.66 -0.37 0.00	29.62 -0.30 0.00	30.00 -0.24 0.00	34.07 -0.24 0.00	41.93 -0.25 0.00	54.92 -0.22 0.00	51.54 -0.21 0.00	47.55 -0.19 0.00	45.81 -0.18 0.00	43.58 -0.17 0.00	41.53 -0.12 0.00	40.00 -0.12 0.02	37.53 -0.11 0.01	38.74 -0.12 0.02	39.48 -0.16 0.00	48.65 -0.20 0.82	55.73 -0.11 0.00	64.11 -0.19 0.00	56.00 -0.11 0.00	46.39 -0.09 0.00	41.24 -0.04 0.00	37.60 0.00 0.00

ROCHESRG_115KV_T4 355643	33.82 -1.05 0.00	31.16 -1.06 0.00	30.04 -0.99 0.00	28.96 -0.96 0.00	29.40 -0.85 0.00	33.32 -1.00 0.00	41.13 -1.05 0.00	52.83 -2.32 0.00	49.47 -2.28 0.00	45.36 -2.39 0.00	43.51 -2.48 0.00	41.13 -2.63 0.01	39.15 -2.50 0.01	37.73 -2.33 0.09	35.49 -2.15 0.02	36.65 -2.14 0.09	37.21 -2.42 0.01	43.72 -2.78 3.16	52.99 -2.85 0.00	61.09 -3.22 0.00	53.08 -3.03 0.00	43.98 -2.51 0.00	39.46 -1.82 0.00	36.29 -1.32 0.00
ROCHESTER_9_IC 23652	33.99 -0.87 0.00	31.33 -0.90 0.00	30.20 -0.84 0.00	29.11 -0.81 0.00	29.52 -0.73 0.00	33.49 -0.82 0.00	41.38 -0.80 0.00	53.21 -1.93 0.00	49.78 -1.97 0.00	45.60 -2.15 0.00	43.79 -2.21 0.00	41.39 -2.36 0.01	39.36 -2.29 0.01	37.97 -2.09 0.09	35.71 -1.92 0.02	36.85 -1.94 0.09	37.41 -2.22 0.01	44.02 -2.48 3.15	53.33 -2.51 0.00	61.47 -2.83 0.00	53.47 -2.64 0.00	44.25 -2.23 0.00	39.71 -1.57 0.00	36.51 -1.09 0.00
ROCKVIEW_13_KV_LD 356306	36.01 1.15 0.00	33.26 1.03 0.00	32.00 0.96 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.38 1.06 0.00	44.04 1.86 0.00	57.68 2.54 0.00	54.28 2.54 0.00	50.42 2.67 0.00	48.66 2.67 0.00	46.51 2.76 0.00	44.28 2.62 0.00	42.68 2.57 0.03	40.02 2.37 0.01	41.37 2.53 0.03	42.29 2.66 0.00	51.72 3.08 1.02	58.74 2.90 0.00	67.71 3.41 0.00	58.97 2.86 0.00	48.90 2.42 0.00	43.14 1.86 0.00	38.84 1.24 0.00
ROME____115KV_TB2 80656	35.63 0.77 0.00	32.81 0.58 0.00	31.59 0.56 0.00	30.48 0.57 0.00	30.76 0.51 0.00	34.96 0.65 0.00	42.99 0.80 0.00	56.74 1.60 0.00	53.14 1.40 0.00	48.70 0.95 0.00	46.82 0.83 0.00	44.41 0.66 0.00	42.28 0.62 0.00	40.62 0.52 0.04	38.13 0.49 0.01	39.34 0.51 0.04	40.27 0.63 0.00	49.28 1.09 1.47	57.52 1.68 0.00	66.62 2.31 0.00	58.13 2.02 0.00	48.11 1.63 0.00	42.60 1.32 0.00	38.73 1.13 0.00
ROSETON___1 23587	35.63 0.77 0.00	32.91 0.68 0.00	31.69 0.65 0.00	30.48 0.57 0.00	30.76 0.51 0.00	35.00 0.69 0.00	43.45 1.26 0.00	56.85 1.71 0.00	53.51 1.76 0.00	49.56 1.81 0.00	47.88 1.89 0.00	45.68 1.92 0.00	43.49 1.83 0.00	41.92 1.81 0.03	39.34 1.70 0.01	40.67 1.83 0.03	41.54 1.90 0.00	50.88 2.24 1.02	57.85 2.01 0.00	66.61 2.31 0.00	58.07 1.96 0.00	48.16 1.67 0.00	42.56 1.28 0.00	38.39 0.79 0.00
ROSETON___2 23588	35.63 0.77 0.00	32.91 0.68 0.00	31.69 0.65 0.00	30.48 0.57 0.00	30.76 0.51 0.00	35.00 0.69 0.00	43.45 1.26 0.00	56.85 1.71 0.00	53.51 1.76 0.00	49.56 1.81 0.00	47.88 1.89 0.00	45.68 1.92 0.00	43.49 1.83 0.00	41.92 1.81 0.03	39.34 1.70 0.01	40.67 1.83 0.03	41.54 1.90 0.00	50.88 2.24 1.02	57.85 2.01 0.00	66.61 2.31 0.00	58.07 1.96 0.00	48.16 1.67 0.00	42.56 1.28 0.00	38.39 0.79 0.00
ROTRDAM_115KV_TB3 80664	35.52 0.66 0.00	32.87 0.64 0.00	31.59 0.56 0.00	30.42 0.51 0.00	30.76 0.51 0.00	34.96 0.65 0.00	43.11 0.93 0.00	56.47 1.32 0.00	52.78 1.03 0.00	48.70 0.95 0.00	46.91 0.92 0.00	44.72 0.96 0.00	42.53 0.87 0.00	40.96 0.84 0.03	38.47 0.83 0.01	39.74 0.89 0.03	40.55 0.91 0.00	49.95 1.29 1.00	57.13 1.28 0.00	65.85 1.54 0.00	57.40 1.29 0.00	47.51 1.02 0.00	42.10 0.83 0.00	38.17 0.56 0.00
RUSSELL___1 23602	34.13 -0.73 0.00	31.45 -0.77 0.00	30.32 -0.71 0.00	29.20 -0.72 0.00	29.64 -0.60 0.00	33.63 -0.69 0.00	41.55 -0.63 0.00	53.49 -1.65 0.00	50.04 -1.71 0.00	45.88 -1.86 0.00	44.06 -1.93 0.00	41.61 -2.14 0.01	39.57 -2.08 0.01	38.17 -1.89 0.09	35.86 -1.77 0.02	37.04 -1.75 0.09	37.65 -1.98 0.01	44.27 -2.23 3.15	53.72 -2.12 0.00	61.86 -2.44 0.00	53.81 -2.30 0.00	44.49 -2.00 0.00	39.92 -1.36 0.00	36.66 -0.94 0.00
RUSSELL___2 23532	34.13 -0.73 0.00	31.45 -0.77 0.00	30.32 -0.71 0.00	29.20 -0.72 0.00	29.64 -0.60 0.00	33.63 -0.69 0.00	41.55 -0.63 0.00	53.49 -1.65 0.00	50.04 -1.71 0.00	45.88 -1.86 0.00	44.06 -1.93 0.00	41.61 -2.14 0.01	39.57 -2.08 0.01	38.17 -1.89 0.09	35.86 -1.77 0.02	37.04 -1.75 0.09	37.65 -1.98 0.01	44.27 -2.23 3.15	53.72 -2.12 0.00	61.86 -2.44 0.00	53.81 -2.30 0.00	44.49 -2.00 0.00	39.92 -1.36 0.00	36.66 -0.94 0.00
RUSSELL___3 23549	34.13 -0.73 0.00	31.45 -0.77 0.00	30.32 -0.71 0.00	29.20 -0.72 0.00	29.64 -0.60 0.00	33.63 -0.69 0.00	41.55 -0.63 0.00	53.49 -1.65 0.00	50.04 -1.71 0.00	45.88 -1.86 0.00	44.06 -1.93 0.00	41.61 -2.14 0.01	39.57 -2.08 0.01	38.17 -1.89 0.09	35.86 -1.77 0.02	37.04 -1.75 0.09	37.65 -1.98 0.01	44.27 -2.23 3.15	53.72 -2.12 0.00	61.86 -2.44 0.00	53.81 -2.30 0.00	44.49 -2.00 0.00	39.92 -1.36 0.00	36.66 -0.94 0.00
RUSSELL___4 23556	34.13 -0.73 0.00	31.45 -0.77 0.00	30.32 -0.71 0.00	29.20 -0.72 0.00	29.64 -0.60 0.00	33.63 -0.69 0.00	41.55 -0.63 0.00	53.49 -1.65 0.00	50.04 -1.71 0.00	45.88 -1.86 0.00	44.06 -1.93 0.00	41.61 -2.14 0.01	39.57 -2.08 0.01	38.17 -1.89 0.09	35.86 -1.77 0.02	37.04 -1.75 0.09	37.65 -1.98 0.01	44.27 -2.23 3.15	53.72 -2.12 0.00	61.86 -2.44 0.00	53.81 -2.30 0.00	44.49 -2.00 0.00	39.92 -1.36 0.00	36.66 -0.94 0.00
RUSSELL___STATION 23914	34.13 -0.73 0.00	31.45 -0.77 0.00	30.32 -0.71 0.00	29.20 -0.72 0.00	29.64 -0.60 0.00	33.63 -0.69 0.00	41.55 -0.63 0.00	53.49 -1.65 0.00	50.04 -1.71 0.00	45.88 -1.86 0.00	44.06 -1.93 0.00	41.61 -2.14 0.01	39.57 -2.08 0.01	38.17 -1.89 0.09	35.86 -1.77 0.02	37.04 -1.75 0.09	37.65 -1.98 0.01	44.27 -2.23 3.15	53.72 -2.12 0.00	61.86 -2.44 0.00	53.81 -2.30 0.00	44.49 -2.00 0.00	39.92 -1.36 0.00	36.66 -0.94 0.00
S SALMON___HYD 24043	34.30 -0.56 0.00	31.65 -0.58 0.00	30.44 -0.59 0.00	29.35 -0.57 0.00	29.61 -0.64 0.00	33.59 -0.72 0.00	41.17 -1.01 0.00	54.04 -1.10 0.00	50.56 -1.19 0.00	46.41 -1.34 0.00	44.57 -1.43 0.00	42.27 -1.49 0.00	40.24 -1.42 0.00	38.66 -1.44 0.04	36.25 -1.39 0.01	37.48 -1.36 0.04	38.29 -1.35 0.00	46.95 -1.49 1.22	54.61 -1.23 0.00	63.27 -1.03 0.00	55.16 -0.95 0.00	45.60 -0.88 0.00	40.49 -0.79 0.00	37.00 -0.60 0.00
S.PERRY__115KV_TB1 80734	34.93 0.07 0.00	32.23 0.00 0.00	31.07 0.03 0.00	29.91 0.00 0.00	30.34 0.09 0.00	34.48 0.17 0.00	42.82 0.63 0.00	54.92 -0.22 0.00	50.87 -0.88 0.00	46.17 -1.58 0.00	43.97 -2.02 0.00	41.43 -2.32 0.01	39.36 -2.29 0.01	37.74 -2.33 0.08	35.45 -2.18 0.02	36.59 -2.22 0.08	37.41 -2.22 0.01	43.84 -2.43 3.39	54.72 -1.12 0.00	63.79 -0.51 0.00	55.55 -0.56 0.00	45.88 -0.60 0.00	41.03 -0.25 0.00	37.68 0.08 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.57 -1.29 0.00	30.87 -1.35 0.00	29.89 -1.15 0.00	28.84 -1.08 0.00	29.31 -0.94 0.00	33.25 -1.06 0.00	41.30 -0.89 0.00	52.05 -3.09 0.00	48.64 -3.10 0.00	44.50 -3.25 0.00	42.64 -3.36 0.00	40.16 -3.59 0.01	38.32 -3.33 0.01	36.57 -3.49 0.08	34.43 -3.20 0.02	35.34 -3.46 0.08	36.26 -3.37 0.01	41.60 -4.87 3.20	51.76 -4.08 0.00	59.74 -4.57 0.00	51.79 -4.32 0.00	42.91 -3.58 0.00	38.80 -2.48 0.00	36.06 -1.54 0.00

SAWYER___23_KV_LOAD 55526	33.57 -1.29 0.00	30.87 -1.35 0.00	29.89 -1.15 0.00	28.84 -1.08 0.00	29.31 -0.94 0.00	33.25 -1.06 0.00	41.30 -0.89 0.00	52.05 -3.09 0.00	48.64 -3.10 0.00	44.50 -3.25 0.00	42.64 -3.36 0.00	40.16 -3.59 0.01	38.32 -3.33 0.01	36.57 -3.49 0.08	34.43 -3.20 0.02	35.34 -3.46 0.08	36.26 -3.37 0.01	41.60 -4.87 3.20	51.76 -4.08 0.00	59.74 -4.57 0.00	51.79 -4.32 0.00	42.91 -3.58 0.00	38.80 -2.48 0.00	36.06 -1.54 0.00
SELKIRK___I 23801	35.42 0.56 0.00	32.74 0.51 0.00	31.53 0.50 0.00	30.39 0.48 0.00	30.73 0.48 0.00	34.83 0.52 0.00	42.82 0.63 0.00	56.14 0.99 0.00	52.68 0.93 0.00	48.60 0.86 0.00	46.78 0.78 0.00	44.59 0.83 0.00	42.36 0.71 0.00	40.84 0.72 0.03	38.36 0.71 0.01	39.62 0.78 0.03	40.43 0.79 0.00	49.77 1.09 0.99	56.90 1.06 0.00	65.59 1.29 0.00	57.17 1.06 0.00	47.37 0.88 0.00	42.02 0.74 0.00	38.09 0.49 0.00
SELKIRK___II 23799	35.28 0.42 0.00	32.58 0.36 0.00	31.41 0.37 0.00	30.27 0.36 0.00	30.58 0.33 0.00	34.66 0.34 0.00	42.65 0.46 0.00	55.91 0.77 0.00	52.47 0.72 0.00	48.51 0.76 0.00	46.78 0.78 0.00	44.63 0.87 0.00	42.45 0.79 0.00	40.92 0.80 0.03	38.40 0.75 0.01	39.67 0.82 0.03	40.47 0.83 0.00	49.77 1.09 0.98	56.73 0.89 0.00	65.33 1.03 0.00	56.95 0.84 0.00	47.23 0.74 0.00	41.86 0.58 0.00	37.90 0.30 0.00
SENECA OSWGO___HYD 24041	34.20 -0.66 0.00	31.58 -0.64 0.00	30.41 -0.62 0.00	29.28 -0.63 0.00	29.61 -0.64 0.00	33.52 -0.79 0.00	41.05 -1.14 0.00	53.54 -1.60 0.00	50.24 -1.50 0.00	46.21 -1.53 0.00	44.48 -1.52 0.00	42.22 -1.53 0.00	40.16 -1.50 0.00	38.67 -1.44 0.03	36.25 -1.39 0.01	37.45 -1.40 0.03	38.25 -1.39 0.00	46.99 -1.69 0.99	54.11 -1.73 0.00	62.37 -1.93 0.00	54.37 -1.74 0.00	44.95 -1.53 0.00	39.96 -1.32 0.00	36.62 -0.98 0.00
SENECA___115KV_TB3 355854	34.06 -0.80 0.00	31.33 -0.90 0.00	30.32 -0.71 0.00	29.29 -0.63 0.00	29.76 -0.48 0.00	33.76 -0.55 0.00	42.10 -0.38 0.00	53.05 -0.34 0.00	49.57 -2.17 0.00	45.31 -2.43 0.00	43.42 -2.58 0.00	40.86 -2.89 0.01	38.99 -2.67 0.01	36.93 -3.13 0.08	34.77 -2.86 0.02	35.57 -3.23 0.08	36.86 -2.77 0.01	41.89 -4.57 3.20	52.71 -3.13 0.00	60.89 -3.41 0.00	52.80 -3.31 0.00	43.70 -2.79 0.00	39.46 -1.82 0.00	36.74 -0.86 0.00
SENECA___ENERGY 23797	34.51 -0.35 0.00	31.87 -0.35 0.00	30.66 -0.37 0.00	29.56 -0.36 0.00	29.91 -0.33 0.00	33.94 -0.38 0.00	41.85 -0.34 0.00	54.20 -0.94 0.00	50.87 -0.88 0.00	46.65 -1.10 0.00	44.80 -1.20 0.00	42.40 -1.36 0.01	40.32 -1.33 0.01	38.72 -1.37 0.06	36.32 -1.32 0.01	37.50 -1.32 0.06	38.36 -1.27 0.01	46.05 -1.54 2.07	54.67 -1.18 0.00	63.15 -1.16 0.00	54.93 -1.18 0.00	45.46 -1.02 0.00	40.41 -0.87 0.00	37.08 -0.53 0.00
SHOEMAKER___GT 23640	35.42 0.56 0.00	32.71 0.48 0.00	31.50 0.47 0.00	30.33 0.42 0.00	30.61 0.36 0.00	34.83 0.52 0.00	43.20 1.01 0.00	56.52 1.38 0.00	53.14 1.40 0.00	49.13 1.39 0.00	47.42 1.43 0.00	45.20 1.44 0.00	42.99 1.33 0.00	41.48 1.37 0.03	38.92 1.28 0.01	40.21 1.36 0.03	41.10 1.47 0.00	50.37 1.74 1.03	57.40 1.56 0.00	66.23 1.93 0.00	57.74 1.63 0.00	47.88 1.39 0.00	42.31 1.03 0.00	38.24 0.64 0.00
SHOEMAKR_138KV_BK 111 55601	35.42 0.56 0.00	32.74 0.52 0.00	31.50 0.47 0.00	30.33 0.42 0.00	30.61 0.36 0.00	34.83 0.51 0.00	43.20 1.01 0.00	56.52 1.38 0.00	53.14 1.40 0.00	49.18 1.43 0.00	47.42 1.43 0.00	45.25 1.49 0.00	43.03 1.37 0.00	41.48 1.36 0.03	38.92 1.28 0.01	40.21 1.36 0.03	41.10 1.47 0.00	50.37 1.74 1.03	57.40 1.56 0.00	66.23 1.93 0.00	57.74 1.63 0.00	47.88 1.39 0.00	42.27 0.99 0.00	38.24 0.64 0.00
SHOREHAM_IC_1 23715	35.73 0.87 0.00	32.78 0.55 0.00	31.22 0.19 0.00	30.15 0.24 0.00	30.25 0.00 0.00	34.48 0.17 0.00	43.07 0.89 0.00	55.69 0.55 0.00	53.97 2.22 0.00	50.46 2.72 0.00	48.11 2.12 0.00	46.08 2.32 0.00	43.91 2.25 0.00	42.32 2.21 0.03	39.60 1.96 0.01	40.91 2.06 0.03	41.62 1.98 0.00	50.82 2.18 1.02	57.40 1.56 0.00	66.42 2.12 0.00	57.79 1.68 0.00	47.65 1.16 0.00	41.98 0.70 0.00	37.72 0.11 0.00
SHOREHAM_IC_2 23716	35.73 0.87 0.00	32.78 0.55 0.00	31.22 0.19 0.00	30.15 0.24 0.00	30.25 0.00 0.00	34.48 0.17 0.00	43.07 0.89 0.00	55.69 0.55 0.00	53.97 2.22 0.00	50.46 2.72 0.00	48.11 2.12 0.00	46.08 2.32 0.00	43.91 2.25 0.00	42.32 2.21 0.03	39.60 1.96 0.01	40.91 2.06 0.03	41.62 1.98 0.00	50.82 2.18 1.02	57.40 1.56 0.00	66.42 2.12 0.00	57.79 1.68 0.00	47.65 1.16 0.00	41.98 0.70 0.00	37.72 0.11 0.00
SISSONVILLE____ 23735	34.62 -0.24 0.00	32.00 -0.23 0.00	30.85 -0.19 0.00	29.79 -0.12 0.00	30.12 -0.12 0.00	34.21 -0.10 0.00	42.10 -0.08 0.00	55.47 0.33 0.00	51.90 0.16 0.00	47.79 0.05 0.00	45.99 0.00 0.00	43.58 -0.18 0.00	41.49 -0.17 0.00	39.81 -0.32 0.02	37.38 -0.26 0.00	38.47 -0.39 0.02	39.12 -0.52 0.00	48.67 -0.50 0.50	55.79 -0.06 0.00	64.30 0.00 0.00	56.39 0.28 0.00	46.76 0.28 0.00	41.57 0.29 0.00	37.90 0.30 0.00
SITHE_IND_GS1 24169	34.03 -0.84 0.00	31.45 -0.77 0.00	30.29 -0.75 0.00	29.17 -0.75 0.00	29.52 -0.73 0.00	33.39 -0.92 0.00	40.79 -1.39 0.00	52.94 -2.21 0.00	49.68 -2.07 0.00	45.74 -2.00 0.00	44.02 -1.98 0.00	41.81 -1.92 0.03	39.76 -1.87 0.03	38.13 -1.77 0.25	35.90 -1.69 0.06	36.92 -1.71 0.25	37.87 -1.74 0.03	39.34 -2.13 8.19	53.55 -2.29 0.00	61.79 -2.51 0.00	53.86 -2.25 0.00	44.58 -1.91 0.00	39.67 -1.61 0.00	36.40 -1.20 0.00
SITHE_IND_GS2 24170	34.03 -0.84 0.00	31.45 -0.77 0.00	30.29 -0.75 0.00	29.17 -0.75 0.00	29.52 -0.73 0.00	33.39 -0.92 0.00	40.79 -1.39 0.00	52.94 -2.21 0.00	49.68 -2.07 0.00	45.74 -2.00 0.00	44.02 -1.98 0.00	41.81 -1.92 0.03	39.76 -1.87 0.03	38.13 -1.77 0.25	35.90 -1.69 0.06	36.92 -1.71 0.25	37.87 -1.74 0.03	39.34 -2.13 8.19	53.55 -2.29 0.00	61.79 -2.51 0.00	53.86 -2.25 0.00	44.58 -1.91 0.00	39.67 -1.61 0.00	36.40 -1.20 0.00
SITHE_IND_GS3 24171	34.03 -0.84 0.00	31.45 -0.77 0.00	30.29 -0.75 0.00	29.17 -0.75 0.00	29.52 -0.73 0.00	33.39 -0.92 0.00	40.79 -1.39 0.00	52.94 -2.21 0.00	49.68 -2.07 0.00	45.74 -2.00 0.00	44.02 -1.98 0.00	41.81 -1.92 0.03	39.76 -1.87 0.03	38.13 -1.77 0.25	35.90 -1.69 0.06	36.92 -1.71 0.25	37.87 -1.74 0.03	39.34 -2.13 8.19	53.55 -2.29 0.00	61.79 -2.51 0.00	53.86 -2.25 0.00	44.58 -1.91 0.00	39.67 -1.61 0.00	36.40 -1.20 0.00
SITHE_IND_GS4 24172	34.03 -0.84 0.00	31.45 -0.77 0.00	30.29 -0.75 0.00	29.17 -0.75 0.00	29.52 -0.73 0.00	33.39 -0.92 0.00	40.79 -1.39 0.00	52.94 -2.21 0.00	49.68 -2.07 0.00	45.74 -2.00 0.00	44.02 -1.98 0.00	41.81 -1.92 0.03	39.76 -1.87 0.03	38.13 -1.77 0.25	35.90 -1.69 0.06	36.92 -1.71 0.25	37.87 -1.74 0.03	39.34 -2.13 8.19	53.55 -2.29 0.00	61.79 -2.51 0.00	53.86 -2.25 0.00	44.58 -1.91 0.00	39.67 -1.61 0.00	36.40 -1.20 0.00

SITHE___BATAVIA 24024	34.27 -0.59 0.00	31.68 -0.55 0.00	30.44 -0.59 0.00	29.38 -0.54 0.00	29.82 -0.42 0.00	33.90 -0.41 0.00	42.18 0.00 0.00	53.82 -1.32 0.00	50.24 -1.50 0.00	45.69 -2.05 0.00	43.74 -2.25 0.00	41.13 -2.62 0.01	39.11 -2.54 0.01	37.53 -2.53 0.08	35.26 -2.37 0.02	36.38 -2.41 0.08	37.17 -2.46 0.01	43.46 -3.03 3.17	53.50 -2.34 0.00	61.86 0.00 0.00	53.76 -2.35 0.00	44.39 -2.09 0.00	39.87 -1.40 0.00	36.93 -0.68 0.00
SITHE___INDEPEND 23800	34.03 -0.84 0.00	31.45 -0.77 0.00	30.29 -0.74 0.00	29.17 -0.75 0.00	29.52 -0.73 0.00	33.39 -0.93 0.00	40.79 -1.39 0.00	52.94 -2.21 0.00	49.68 -2.07 0.00	45.74 -2.01 0.00	44.02 -1.98 0.00	41.81 -1.93 0.03	39.80 -1.83 0.03	38.13 -1.77 0.25	35.90 -1.69 0.06	36.92 -1.71 0.25	37.87 -1.74 0.03	39.34 -2.14 8.19	53.55 -2.29 0.00	61.79 -2.51 0.00	53.87 -2.24 0.00	44.58 -1.91 0.00	39.71 -1.57 0.00	36.40 -1.20 0.00
SITHE___MASSENA 23902	35.11 0.25 0.00	32.48 0.26 0.00	31.31 0.28 0.00	30.24 0.33 0.00	30.61 0.36 0.00	34.73 0.41 0.00	42.73 0.55 0.00	56.02 0.88 0.00	52.47 0.72 0.00	48.41 0.67 0.00	46.64 0.64 0.00	44.24 0.48 0.00	42.20 0.54 0.00	40.58 0.44 0.01	38.06 0.41 0.00	39.22 0.35 0.01	39.88 0.24 0.00	49.64 0.30 0.32	56.51 0.67 0.00	65.08 0.77 0.00	56.95 0.84 0.00	47.23 0.74 0.00	42.02 0.74 0.00	38.39 0.79 0.00
SITHE___OGDNSBRG 24021	35.39 0.52 0.00	32.71 0.48 0.00	31.50 0.47 0.00	30.45 0.54 0.00	30.79 0.54 0.00	34.96 0.65 0.00	43.03 0.84 0.00	56.69 1.54 0.00	52.89 1.14 0.00	48.60 0.86 0.00	46.73 0.74 0.00	44.28 0.53 0.00	42.24 0.58 0.00	40.53 0.40 0.01	38.06 0.41 0.00	39.25 0.39 0.01	39.92 0.28 0.00	49.78 0.55 0.43	57.07 1.23 0.00	65.85 1.54 0.00	57.68 1.57 0.00	47.83 1.35 0.00	42.52 1.24 0.00	38.77 1.17 0.00
SITHE___STERLING 23777	35.49 0.63 0.00	32.71 0.48 0.00	31.47 0.43 0.00	30.36 0.45 0.00	30.67 0.42 0.00	34.83 0.52 0.00	42.82 0.63 0.00	56.30 1.16 0.00	52.73 0.98 0.00	48.41 0.67 0.00	46.55 0.55 0.00	44.15 0.39 0.01	42.03 0.37 0.01	40.42 0.32 0.05	37.94 0.30 0.01	39.14 0.31 0.05	40.03 0.40 0.01	48.77 0.69 1.58	57.02 1.17 0.00	65.97 1.67 0.00	57.51 1.40 0.00	47.65 1.16 0.00	42.18 0.91 0.00	38.39 0.79 0.00
SLEIGHT__34_KV_TB1 80719	34.10 -0.77 0.00	31.42 -0.81 0.00	30.29 -0.74 0.00	29.17 -0.75 0.00	29.55 -0.70 0.00	33.52 -0.79 0.00	41.38 -0.80 0.00	53.65 -1.49 0.00	50.25 -1.50 0.00	46.12 -1.62 0.00	44.29 -1.70 0.00	41.91 -1.84 0.01	39.86 -1.79 0.01	38.38 -1.69 0.08	36.01 -1.62 0.02	37.21 -1.59 0.08	37.89 -1.74 0.01	44.95 -1.99 2.72	53.94 -1.90 0.00	62.24 -2.06 0.00	54.15 -1.96 0.00	44.77 -1.72 0.00	39.96 -1.32 0.00	36.62 -0.98 0.00
SOUTH CAIRO___GT 23612	36.01 1.15 0.00	33.26 1.03 0.00	32.06 1.02 0.00	30.90 0.99 0.00	31.21 0.97 0.00	35.44 1.13 0.00	43.70 1.52 0.00	57.73 2.59 0.00	53.97 2.23 0.00	49.42 1.67 0.00	47.33 1.33 0.00	45.03 1.27 0.00	42.74 1.08 0.00	41.20 1.08 0.03	38.66 1.02 0.01	39.97 1.13 0.03	40.87 1.23 0.00	50.65 1.99 0.99	58.13 2.29 0.00	67.20 2.89 0.00	58.80 2.69 0.00	48.62 2.14 0.00	43.01 1.73 0.00	39.03 1.43 0.00
SOUTH HAMPTN___IC 23720	35.94 1.08 0.00	32.94 0.71 0.00	31.41 0.37 0.00	30.30 0.39 0.00	30.37 0.12 0.00	34.69 0.38 0.00	43.36 1.18 0.00	56.30 1.16 0.00	54.64 2.90 0.00	51.18 3.44 0.00	48.75 2.76 0.00	46.78 3.02 0.00	44.70 3.04 0.00	43.04 2.93 0.03	40.21 2.56 0.01	41.34 2.49 0.03	41.85 2.22 0.00	51.12 2.48 1.02	57.79 1.95 0.00	67.00 2.70 0.00	58.24 2.13 0.00	47.93 1.44 0.00	42.10 0.83 0.00	37.98 0.38 0.00
SOUTHDOW_115KV_TB1 355954	35.11 0.24 0.00	32.36 0.13 0.00	31.41 0.37 0.00	30.36 0.45 0.00	30.88 0.64 0.00	35.17 0.86 0.00	44.17 1.98 0.00	55.80 0.66 0.00	52.11 0.36 0.00	47.46 -0.29 0.00	45.44 -0.55 0.00	42.66 -1.09 0.01	40.69 -0.96 0.01	38.22 -1.85 0.08	35.83 -1.81 0.02	36.55 -2.25 0.08	38.20 -1.43 0.01	43.25 -3.18 3.23	55.23 -0.61 0.00	64.17 -0.13 0.00	55.55 -0.56 0.00	45.93 -0.56 0.00	41.28 0.00 0.00	38.47 0.86 0.00
SOUTHOLD_69_KV_BK 2 55809	35.84 0.98 0.00	32.84 0.61 0.00	31.50 0.47 0.00	30.21 0.30 0.00	30.25 0.00 0.00	34.59 0.27 0.00	43.28 1.10 0.00	56.96 1.82 0.00	54.75 3.00 0.00	51.28 3.53 0.00	48.66 2.67 0.00	47.00 3.24 0.00	45.03 3.37 0.00	43.40 3.29 0.03	40.39 2.75 0.01	41.37 2.53 0.03	41.70 2.06 0.00	50.97 2.33 1.02	57.57 1.73 0.00	66.94 2.64 0.00	58.07 1.96 0.00	47.74 1.26 0.00	41.86 0.58 0.00	37.94 0.34 0.00
SOUTHOLD___IC 23719	35.84 0.97 0.00	32.81 0.58 0.00	31.31 0.28 0.00	30.21 0.30 0.00	30.25 0.00 0.00	34.59 0.27 0.00	43.28 1.09 0.00	56.30 1.16 0.00	54.75 3.00 0.00	51.28 3.53 0.00	48.80 2.81 0.00	47.00 3.24 0.00	45.03 3.37 0.00	43.41 3.29 0.03	40.43 2.79 0.01	41.34 2.49 0.03	41.70 2.06 0.00	50.98 2.33 1.02	57.63 1.79 0.00	66.94 2.64 0.00	58.13 2.02 0.00	47.74 1.26 0.00	41.90 0.62 0.00	37.94 0.34 0.00
SOUTH_FORK_WT_PWR 323839	35.49 0.63 0.00	32.48 0.26 0.00	31.00 -0.03 0.00	29.91 0.00 0.00	29.94 -0.30 0.00	34.24 -0.07 0.00	42.86 0.67 0.00	55.81 0.66 0.00	54.33 2.59 0.00	50.94 3.20 0.00	48.43 2.44 0.00	46.78 3.02 0.00	44.95 3.29 0.00	43.36 3.25 0.03	40.28 2.63 0.01	41.02 2.18 0.03	41.22 1.59 0.00	50.33 1.69 1.02	56.90 1.06 0.00	66.17 1.87 0.00	57.51 1.40 0.00	47.18 0.70 0.00	41.36 0.08 0.00	37.56 -0.04 0.00
SPIERFLS_115KV_TB 1 80737	36.12 1.26 0.00	33.42 1.19 0.00	32.09 1.06 0.00	30.87 0.96 0.00	31.24 1.00 0.00	35.55 1.24 0.00	42.99 0.80 0.00	56.63 1.49 0.00	53.25 1.50 0.00	48.99 1.24 0.00	47.10 1.10 0.00	44.90 1.14 0.00	42.53 0.87 0.00	40.92 0.80 0.03	38.55 0.90 0.01	39.74 0.89 0.03	40.51 0.87 0.00	49.95 1.29 1.00	57.24 1.40 0.00	66.36 2.06 0.00	57.63 1.51 0.00	47.60 1.12 0.00	42.23 0.95 0.00	38.09 0.49 0.00
ST LAWRENCE____ 23600	34.79 -0.07 0.00	32.20 -0.03 0.00	31.03 0.00 0.00	29.97 0.06 0.00	30.34 0.09 0.00	34.42 0.10 0.00	42.35 0.17 0.00	55.42 0.28 0.00	51.95 0.21 0.00	47.94 0.19 0.00	46.18 0.18 0.00	43.85 0.09 0.00	41.83 0.17 0.00	40.22 0.08 0.01	37.76 0.11 0.00	38.91 0.04 0.01	39.56 -0.08 0.00	49.29 -0.10 0.27	55.95 0.11 0.00	64.37 0.06 0.00	56.34 0.23 0.00	46.72 0.23 0.00	41.61 0.33 0.00	37.98 0.38 0.00
STATE_CA_115KV_115_LB 55624	35.32 0.45 0.00	32.65 0.42 0.00	31.44 0.40 0.00	30.33 0.42 0.00	30.64 0.39 0.00	34.69 0.38 0.00	42.65 0.46 0.00	55.97 0.83 0.00	52.63 0.88 0.00	48.65 0.91 0.00	46.91 0.92 0.00	44.76 1.01 0.00	42.53 0.87 0.00	41.00 0.88 0.03	38.51 0.87 0.01	39.74 0.89 0.03	40.55 0.91 0.00	49.91 1.24 0.99	56.90 1.06 0.00	65.52 1.22 0.00	57.06 0.95 0.00	47.32 0.84 0.00	41.90 0.62 0.00	37.94 0.34 0.00

STATE_ST_34_KV_LOAD 55959	34.79 -0.07 0.00	32.13 -0.10 0.00	30.94 -0.09 0.00	29.79 -0.12 0.00	30.15 -0.09 0.00	34.17 -0.14 0.00	42.02 -0.17 0.00	54.76 -0.39 0.00	51.23 -0.52 0.00	47.17 -0.57 0.00	45.30 -0.69 0.00	43.01 -0.74 0.01	40.90 -0.75 0.01	39.33 -0.76 0.06	36.85 -0.79 0.01	38.08 -0.74 0.06	38.96 -0.67 0.01	47.24 -0.79 1.62	55.39 -0.45 0.00	63.92 -0.39 0.00	55.66 -0.45 0.00	46.02 -0.46 0.00	40.87 -0.41 0.00	37.41 -0.19 0.00
STATION 5_MISC_HYD 23604	33.99 -0.87 0.00	31.42 -0.80 0.00	30.20 -0.84 0.00	29.11 -0.81 0.00	29.52 -0.73 0.00	33.49 -0.82 0.00	41.38 -0.80 0.00	53.21 -1.93 0.00	49.83 -1.91 0.00	45.60 -2.15 0.00	43.79 -2.21 0.00	41.39 -2.36 0.01	39.36 -2.29 0.01	38.01 -2.05 0.09	35.56 -2.07 0.02	36.85 -1.94 0.09	37.45 -2.18 0.01	44.02 -2.48 3.15	53.33 -2.51 0.00	61.47 -2.83 0.00	53.47 -2.64 0.00	44.21 -2.28 0.00	39.58 -1.69 0.00	36.51 -1.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.55 -0.31 0.00	31.91 -0.32 0.00	30.72 -0.31 0.00	29.59 -0.33 0.00	29.97 -0.27 0.00	34.04 -0.27 0.00	42.06 -0.13 0.00	54.48 -0.66 0.00	50.97 -0.78 0.00	46.79 -0.95 0.00	44.89 -1.10 0.00	42.44 -1.31 0.01	40.32 -1.33 0.01	38.79 -1.28 0.07	36.39 -1.24 0.02	37.60 -1.21 0.07	38.40 -1.23 0.01	45.75 -1.34 2.57	54.84 -1.01 0.00	63.21 -1.09 0.00	54.99 -1.12 0.00	45.46 -1.02 0.00	40.58 -0.70 0.00	37.19 -0.41 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.85 -1.01 0.00	31.20 -1.03 0.00	30.04 -0.99 0.00	28.96 -0.96 0.00	29.37 -0.88 0.00	33.32 -1.00 0.00	41.17 -1.01 0.00	52.99 -2.15 0.00	49.63 -2.12 0.00	45.50 -2.24 0.00	43.69 -2.30 0.00	41.30 -2.45 0.01	39.28 -2.37 0.01	37.85 -2.21 0.08	35.60 -2.03 0.02	36.77 -2.02 0.08	37.37 -2.26 0.01	43.95 -2.58 3.13	53.22 -2.62 0.00	61.34 -2.96 0.00	53.31 -2.81 0.00	44.11 -2.37 0.00	39.54 -1.73 0.00	36.32 -1.28 0.00
STA_56___34_KV_BUS2 355983	33.85 -1.01 0.00	31.20 -1.03 0.00	30.04 -0.99 0.00	28.96 -0.96 0.00	29.37 -0.88 0.00	33.32 -1.00 0.00	41.17 -1.01 0.00	52.99 -2.15 0.00	49.63 -2.12 0.00	45.50 -2.24 0.00	43.69 -2.30 0.00	41.30 -2.45 0.01	39.28 -2.37 0.01	37.85 -2.21 0.08	35.60 -2.03 0.02	36.77 -2.02 0.08	37.37 -2.26 0.01	43.95 -2.58 3.13	53.22 -2.62 0.00	61.34 -2.96 0.00	53.31 -2.81 0.00	44.11 -2.37 0.00	39.54 -1.73 0.00	36.32 -1.28 0.00
STA_67___115KV_BK2 355882	33.92 -0.94 0.00	31.26 -0.97 0.00	30.13 -0.90 0.00	29.05 -0.87 0.00	29.46 -0.79 0.00	33.42 -0.89 0.00	41.30 -0.89 0.00	53.05 -2.10 0.00	49.63 -2.12 0.00	45.50 -2.24 0.00	43.69 -2.30 0.00	41.26 -2.49 0.01	39.28 -2.37 0.01	37.85 -2.21 0.09	35.60 -2.03 0.02	36.77 -2.02 0.09	37.33 -2.30 0.01	43.87 -2.63 3.16	53.22 -2.62 0.00	61.28 -3.02 0.00	53.31 -2.81 0.00	44.11 -2.37 0.00	39.59 -1.69 0.00	36.40 -1.20 0.00
STA_7___115KV_9TRANS 80674	34.13 -0.73 0.00	31.45 -0.77 0.00	30.32 -0.71 0.00	29.20 -0.72 0.00	29.64 -0.60 0.00	33.63 -0.69 0.00	41.55 -0.63 0.00	53.49 -1.65 0.00	50.04 -1.71 0.00	45.88 -1.86 0.00	44.06 -1.93 0.00	41.61 -2.14 0.01	39.57 -2.08 0.01	38.17 -1.89 0.09	35.86 -1.77 0.02	37.04 -1.75 0.09	37.65 -1.98 0.01	44.27 -2.23 3.15	53.72 -2.12 0.00	61.86 -2.44 0.00	53.81 -2.30 0.00	44.49 -2.00 0.00	39.92 -1.36 0.00	36.66 -0.94 0.00
STA_82___115KV_TB1 80780	33.92 -0.94 0.00	31.26 -0.97 0.00	30.13 -0.90 0.00	29.05 -0.87 0.00	29.46 -0.79 0.00	33.42 -0.89 0.00	41.30 -0.89 0.00	53.05 -2.10 0.00	49.63 -2.12 0.00	45.50 -2.24 0.00	43.69 -2.30 0.00	41.26 -2.49 0.01	39.28 -2.37 0.01	37.85 -2.21 0.08	35.60 -2.03 0.02	36.77 -2.02 0.08	37.33 -2.30 0.01	43.88 -2.63 3.15	53.22 -2.62 0.00	61.34 -2.96 0.00	53.31 -2.81 0.00	44.11 -2.37 0.00	39.59 -1.69 0.00	36.40 -1.20 0.00
STEEL___WIND 323596	34.03 -0.84 0.00	31.42 -0.80 0.00	30.29 -0.75 0.00	29.26 -0.66 0.00	29.73 -0.51 0.00	33.73 -0.58 0.00	42.06 -0.13 0.00	52.99 -2.15 0.00	49.58 -2.17 0.00	45.26 -2.48 0.00	43.33 -2.67 0.00	40.82 -2.93 0.01	38.90 -2.75 0.01	36.69 -3.37 0.08	34.89 -2.75 0.02	35.49 -3.30 0.08	36.82 -2.81 0.01	41.85 -4.62 3.20	52.60 -3.24 0.00	60.83 -3.47 0.00	52.75 -3.37 0.00	43.65 -2.84 0.00	39.26 -2.02 0.00	36.70 -0.90 0.00
STEPHTWN_115KV_BK_2 55603	35.49 0.63 0.00	32.78 0.55 0.00	31.56 0.53 0.00	30.45 0.54 0.00	30.76 0.51 0.00	34.86 0.55 0.00	42.90 0.72 0.00	56.36 1.21 0.00	52.99 1.24 0.00	48.89 1.15 0.00	47.14 1.15 0.00	44.98 1.23 0.00	42.74 1.08 0.00	41.20 1.08 0.03	38.70 1.05 0.01	39.94 1.09 0.03	40.75 1.11 0.00	50.21 1.54 0.99	57.24 1.40 0.00	65.97 1.67 0.00	57.46 1.35 0.00	47.60 1.12 0.00	42.14 0.87 0.00	38.13 0.53 0.00
STEUBEN_REC_LFGE 323667	34.69 -0.17 0.00	32.00 -0.23 0.00	30.91 -0.12 0.00	29.79 -0.12 0.00	30.12 -0.12 0.00	34.17 -0.14 0.00	42.35 0.17 0.00	54.15 -0.99 0.00	50.35 -1.40 0.00	45.98 -1.77 0.00	43.83 -2.16 0.00	41.39 -2.36 0.01	39.32 -2.33 0.01	37.27 -2.81 0.07	35.00 -2.64 0.02	36.05 -2.76 0.07	37.13 -2.50 0.01	41.99 -3.48 4.19	53.94 -1.90 0.00	62.82 -1.48 0.00	54.65 -1.46 0.00	45.23 -1.26 0.00	40.41 -0.87 0.00	37.26 -0.34 0.00
STILLWATER___SOLAR 323814	35.98 1.12 0.00	33.26 1.03 0.00	31.96 0.93 0.00	30.78 0.87 0.00	31.12 0.88 0.00	35.38 1.06 0.00	43.49 1.31 0.00	57.18 2.04 0.00	53.66 1.92 0.00	49.46 1.72 0.00	47.60 1.61 0.00	45.42 1.66 0.00	43.03 1.37 0.00	41.44 1.32 0.03	39.00 1.35 0.01	40.24 1.40 0.03	41.02 1.39 0.00	50.60 1.93 1.00	57.85 2.01 0.00	66.88 2.57 0.00	58.13 2.02 0.00	48.11 1.63 0.00	42.64 1.36 0.00	38.54 0.94 0.00
STONY___BROOK 24151	36.15 1.29 0.00	33.19 0.97 0.00	31.84 0.81 0.00	30.72 0.81 0.00	30.85 0.60 0.00	35.24 0.93 0.00	43.91 1.73 0.00	57.07 1.93 0.00	54.54 2.79 0.00	51.04 3.29 0.00	49.26 3.27 0.00	47.09 3.32 0.00	44.87 3.21 0.00	43.20 3.09 0.03	40.50 2.86 0.01	41.92 3.07 0.03	42.69 3.05 0.00	52.17 3.53 1.02	58.85 3.01 0.00	67.90 3.60 0.00	59.14 3.03 0.00	48.90 2.42 0.00	43.09 1.81 0.00	38.73 1.13 0.00
STURGEON_POOL_HYD 23609	35.70 0.84 0.00	33.00 0.77 0.00	31.75 0.71 0.00	30.54 0.63 0.00	30.82 0.57 0.00	35.10 0.79 0.00	43.58 1.39 0.00	57.18 2.04 0.00	53.76 2.02 0.00	49.75 2.01 0.00	47.97 1.98 0.00	45.81 2.06 0.00	43.57 1.92 0.00	42.04 1.93 0.03	39.41 1.77 0.01	40.75 1.91 0.03	41.62 1.98 0.00	51.03 2.38 1.02	58.07 2.23 0.00	66.87 2.57 0.00	58.41 2.30 0.00	48.44 1.95 0.00	42.76 1.49 0.00	38.62 1.02 0.00
ST_LAW_115_BK7_LBMP 345037	34.79 -0.07 0.00	32.20 -0.03 0.00	31.03 0.00 0.00	29.97 0.06 0.00	30.34 0.09 0.00	34.42 0.10 0.00	42.35 0.17 0.00	55.48 0.33 0.00	51.95 0.21 0.00	47.94 0.19 0.00	46.23 0.23 0.00	43.89 0.13 0.00	41.83 0.17 0.00	40.26 0.12 0.01	37.76 0.11 0.00	38.91 0.04 0.01	39.56 -0.08 0.00	49.28 -0.10 0.29	56.01 0.17 0.00	64.43 0.13 0.00	56.39 0.28 0.00	46.72 0.23 0.00	41.61 0.33 0.00	37.98 0.38 0.00

ST_LAW_115_BK8_LBMP 345038	34.79 -0.07 0.00	32.20 -0.03 0.00	31.03 0.00 0.00	29.97 0.06 0.00	30.34 0.09 0.00	34.42 0.10 0.00	42.35 0.17 0.00	55.48 0.33 0.00	51.95 0.21 0.00	47.94 0.19 0.00	46.23 0.23 0.00	43.89 0.13 0.00	41.83 0.17 0.00	40.26 0.12 0.01	37.76 0.11 0.00	38.91 0.04 0.01	39.56 -0.08 0.00	49.28 -0.10 0.29	56.01 0.17 0.00	64.43 0.13 0.00	56.39 0.28 0.00	46.72 0.23 0.00	41.61 0.33 0.00	37.98 0.38 0.00
ST_LAW_230_BK5_LBMP 345035	34.79 -0.07 0.00	32.20 -0.03 0.00	31.03 0.00 0.00	29.97 0.06 0.00	30.34 0.09 0.00	34.42 0.10 0.00	42.35 0.17 0.00	55.42 0.28 0.00	51.95 0.21 0.00	47.94 0.19 0.00	46.18 0.18 0.00	43.85 0.09 0.00	41.83 0.17 0.00	40.22 0.08 0.01	37.76 0.11 0.00	38.91 0.04 0.01	39.56 -0.08 0.00	49.30 -0.10 0.26	55.95 0.11 0.00	64.37 0.06 0.00	56.34 0.23 0.00	46.72 0.23 0.00	41.61 0.33 0.00	37.98 0.38 0.00
ST_LAW_230_BK6_LBMP 345036	34.79 -0.07 0.00	32.20 -0.03 0.00	31.03 0.00 0.00	29.97 0.06 0.00	30.34 0.09 0.00	34.42 0.10 0.00	42.35 0.17 0.00	55.42 0.28 0.00	51.95 0.21 0.00	47.94 0.19 0.00	46.18 0.18 0.00	43.85 0.09 0.00	41.83 0.17 0.00	40.22 0.08 0.01	37.76 0.11 0.00	38.91 0.04 0.01	39.56 -0.08 0.00	49.30 -0.10 0.26	55.95 0.11 0.00	64.37 0.06 0.00	56.34 0.23 0.00	46.72 0.23 0.00	41.61 0.33 0.00	37.98 0.38 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.49 0.63 0.00	32.81 0.58 0.00	31.56 0.53 0.00	30.39 0.48 0.00	30.67 0.42 0.00	34.90 0.58 0.00	43.32 1.14 0.00	56.80 1.65 0.00	53.40 1.66 0.00	49.42 1.67 0.00	47.65 1.66 0.00	45.51 1.75 0.00	43.28 1.62 0.00	41.72 1.61 0.03	39.15 1.51 0.01	40.48 1.63 0.03	41.34 1.70 0.00	50.62 1.99 1.03	57.68 1.84 0.00	66.49 2.19 0.00	57.96 1.85 0.00	48.07 1.58 0.00	42.39 1.11 0.00	38.32 0.71 0.00
SWANROAD_115KV_TB1 355699	32.81 -2.06 0.00	30.13 -2.09 0.00	29.17 -1.86 0.00	28.15 -1.76 0.00	28.61 -1.63 0.00	32.46 -1.85 0.00	40.24 -1.94 0.00	50.68 -4.47 0.00	47.35 -4.40 0.00	43.30 -4.44 0.00	41.44 -4.55 0.00	39.03 -4.73 0.01	37.24 -4.42 0.01	35.69 -4.38 0.08	33.64 -3.99 0.02	34.56 -4.24 0.08	35.31 -4.32 0.01	40.66 -5.81 3.19	50.37 -5.47 0.00	58.06 -6.24 0.00	50.39 -5.72 0.00	41.74 -4.74 0.00	37.81 -3.47 0.00	35.16 -2.44 0.00
SYNERGY___BIOGAS 323694	34.27 -0.59 0.00	31.68 -0.55 0.00	30.44 -0.59 0.00	29.38 -0.54 0.00	29.82 -0.42 0.00	33.90 -0.41 0.00	42.18 0.00 0.00	53.82 -1.32 0.00	50.24 -1.50 0.00	45.69 -2.05 0.00	43.74 -2.25 0.00	41.13 -2.62 0.01	39.11 -2.54 0.01	37.53 -2.53 0.08	35.26 -2.37 0.02	36.38 -2.41 0.08	37.17 -2.46 0.01	43.46 -3.03 3.17	53.50 -2.34 0.00	61.86 -2.44 0.00	53.76 -2.35 0.00	44.39 -2.09 0.00	39.87 -1.40 0.00	36.93 -0.68 0.00
SYRACUSE___ENERGY_ST1 323597	34.72 -0.14 0.00	32.03 -0.19 0.00	30.88 -0.16 0.00	29.74 -0.18 0.00	30.06 -0.18 0.00	34.04 -0.27 0.00	41.76 -0.42 0.00	54.43 -0.72 0.00	51.07 -0.67 0.00	47.03 -0.72 0.00	45.21 -0.78 0.00	42.92 -0.83 0.01	40.86 -0.79 0.01	39.29 -0.80 0.05	36.85 -0.79 0.01	38.05 -0.78 0.05	38.88 -0.75 0.01	47.00 -0.94 1.71	55.06 -0.78 0.00	63.53 -0.77 0.00	55.33 -0.79 0.00	45.79 -0.70 0.00	40.70 -0.58 0.00	37.23 -0.38 0.00
SYRACUSE___ENERGY_ST2 323598	34.72 -0.14 0.00	32.03 -0.19 0.00	30.88 -0.16 0.00	29.74 -0.18 0.00	30.06 -0.18 0.00	34.04 -0.27 0.00	41.76 -0.42 0.00	54.43 -0.72 0.00	51.07 -0.67 0.00	47.03 -0.72 0.00	45.21 -0.78 0.00	42.92 -0.83 0.01	40.86 -0.79 0.01	39.29 -0.80 0.05	36.85 -0.79 0.01	38.05 -0.78 0.05	38.88 -0.75 0.01	47.00 -0.94 1.71	55.06 -0.78 0.00	63.53 -0.77 0.00	55.33 -0.79 0.00	45.79 -0.70 0.00	40.70 -0.58 0.00	37.23 -0.38 0.00
SYRACUSE___POWER 24017	34.65 -0.21 0.00	31.94 -0.29 0.00	30.79 -0.25 0.00	29.65 -0.27 0.00	30.00 -0.24 0.00	33.97 -0.34 0.00	41.68 -0.51 0.00	54.32 -0.83 0.00	50.92 -0.83 0.00	46.89 -0.86 0.00	45.07 -0.92 0.00	42.79 -0.96 0.01	40.74 -0.92 0.01	39.20 -0.88 0.06	36.77 -0.87 0.01	37.92 -0.89 0.06	38.76 -0.87 0.01	46.77 -1.04 1.85	54.95 -0.89 0.00	63.40 -0.90 0.00	55.21 -0.90 0.00	45.70 -0.79 0.00	40.62 -0.66 0.00	37.19 -0.41 0.00
TALLMAN___138KV_BK151 55660	35.59 0.73 0.00	32.90 0.68 0.00	31.65 0.62 0.00	30.48 0.57 0.00	30.73 0.48 0.00	35.03 0.72 0.00	43.53 1.35 0.00	57.02 1.87 0.00	53.66 1.91 0.00	49.75 2.01 0.00	47.97 1.98 0.00	45.81 2.06 0.00	43.57 1.92 0.00	42.04 1.93 0.03	39.41 1.77 0.01	40.75 1.91 0.03	41.62 1.98 0.00	50.92 2.28 1.03	57.96 2.12 0.00	66.81 2.51 0.00	58.24 2.13 0.00	48.25 1.77 0.00	42.56 1.28 0.00	38.39 0.79 0.00
TEALLAVE_115KV_TB7 355573	34.55 -0.31 0.00	31.87 -0.35 0.00	30.69 -0.34 0.00	29.56 -0.36 0.00	29.91 -0.33 0.00	33.87 -0.45 0.00	41.51 -0.67 0.00	54.04 -1.10 0.00	50.71 -1.03 0.00	46.69 -1.05 0.00	44.94 -1.06 0.00	42.66 -1.09 0.01	40.57 -1.08 0.01	39.08 -1.00 0.06	36.62 -1.02 0.01	37.80 -1.01 0.06	38.64 -0.99 0.01	46.33 -1.24 2.09	54.67 -1.17 0.00	63.08 -1.22 0.00	54.93 -1.18 0.00	45.51 -0.98 0.00	40.45 -0.83 0.00	37.04 -0.56 0.00
TELGRAPH_34_KV_EAST 80808	33.57 -1.29 0.00	30.87 -1.35 0.00	29.85 -1.18 0.00	28.81 -1.11 0.00	29.28 -0.97 0.00	33.21 -1.10 0.00	41.30 -0.89 0.00	52.33 -2.81 0.00	48.85 -2.90 0.00	44.64 -3.10 0.00	42.73 -3.27 0.00	40.21 -3.54 0.01	38.32 -3.33 0.01	36.73 -3.33 0.08	34.58 -3.05 0.02	35.57 -3.23 0.08	36.30 -3.33 0.01	42.15 -4.32 3.19	52.04 -3.80 0.00	60.06 -4.24 0.00	52.13 -3.98 0.00	43.14 -3.35 0.00	38.97 -2.31 0.00	36.10 -1.50 0.00
TEMPLE___115KV_TB 2 55572	34.55 -0.31 0.00	31.87 -0.35 0.00	30.69 -0.34 0.00	29.59 -0.33 0.00	29.91 -0.33 0.00	33.87 -0.45 0.00	41.55 -0.63 0.00	54.09 -1.05 0.00	50.76 -0.98 0.00	46.74 -1.00 0.00	44.98 -1.01 0.00	42.70 -1.05 0.01	40.61 -1.04 0.01	39.08 -1.00 0.06	36.66 -0.98 0.01	37.84 -0.97 0.06	38.64 -0.99 0.01	46.37 -1.19 2.10	54.72 -1.12 0.00	63.08 -1.22 0.00	54.99 -1.12 0.00	45.51 -0.98 0.00	40.49 -0.78 0.00	37.04 -0.56 0.00
TIANA____69_KV_BK 1 55817	35.98 1.12 0.00	33.00 0.77 0.00	31.65 0.62 0.00	30.33 0.42 0.00	30.43 0.18 0.00	34.72 0.41 0.00	43.41 1.22 0.00	57.02 1.87 0.00	54.59 2.85 0.00	51.09 3.34 0.00	48.62 2.62 0.00	46.73 2.98 0.00	44.57 2.92 0.00	42.92 2.81 0.03	40.13 2.48 0.01	41.33 2.49 0.03	41.90 2.26 0.00	51.22 2.58 1.02	57.85 2.01 0.00	67.07 2.76 0.00	58.24 2.13 0.00	47.97 1.49 0.00	42.14 0.87 0.00	38.02 0.41 0.00
TILDEN___115KV_TB1 80814	34.65 -0.21 0.00	31.94 -0.29 0.00	30.79 -0.25 0.00	29.65 -0.27 0.00	30.00 -0.24 0.00	33.97 -0.34 0.00	41.68 -0.51 0.00	54.32 -0.83 0.00	50.92 -0.83 0.00	46.89 -0.86 0.00	45.07 -0.92 0.00	42.79 -0.96 0.01	40.74 -0.92 0.01	39.20 -0.88 0.06	36.77 -0.87 0.01	37.92 -0.89 0.06	38.76 -0.87 0.01	46.77 -1.04 1.85	54.95 -0.89 0.00	63.40 -0.90 0.00	55.21 -0.90 0.00	45.70 -0.79 0.00	40.62 -0.66 0.00	37.19 -0.41 0.00

TRIGEN___CC 323695	36.05 1.19 0.00	33.20 0.97 0.00	31.93 0.90 0.00	30.72 0.81 0.00	30.94 0.70 0.00	35.31 1.00 0.00	43.96 1.77 0.00	57.35 2.21 0.00	54.23 2.48 0.00	50.61 2.86 0.00	48.94 2.94 0.00	46.86 3.11 0.00	44.62 2.96 0.00	42.96 2.85 0.03	40.28 2.64 0.01	41.68 2.84 0.03	42.53 2.89 0.00	51.92 3.28 1.02	58.69 2.85 0.00	67.65 3.34 0.00	58.92 2.81 0.00	48.90 2.42 0.00	43.14 1.86 0.00	38.84 1.24 0.00
TRINITY___115KV___4 BK 55933	35.25 0.38 0.00	32.55 0.32 0.00	31.38 0.34 0.00	30.24 0.33 0.00	30.55 0.30 0.00	34.59 0.27 0.00	42.52 0.34 0.00	55.80 0.66 0.00	52.42 0.67 0.00	48.46 0.72 0.00	46.73 0.74 0.00	44.63 0.88 0.00	42.41 0.75 0.00	40.92 0.80 0.03	38.43 0.79 0.01	39.66 0.82 0.03	40.47 0.83 0.00	49.77 1.09 0.99	56.68 0.84 0.00	65.27 0.96 0.00	56.90 0.79 0.00	47.14 0.65 0.00	41.73 0.45 0.00	37.83 0.23 0.00
UNION___PROCESSING_DRP 323587	33.92 -0.94 0.00	31.26 -0.97 0.00	30.13 -0.90 0.00	29.05 -0.87 0.00	29.46 -0.79 0.00	33.45 -0.86 0.00	41.30 -0.89 0.00	53.05 -2.10 0.00	49.68 -2.07 0.00	45.50 -2.24 0.00	43.69 -2.30 0.00	41.26 -2.49 0.01	39.28 -2.37 0.01	37.89 -2.17 0.08	35.64 -2.00 0.02	36.77 -2.02 0.08	37.33 -2.30 0.01	43.88 -2.63 3.14	53.22 -2.62 0.00	61.34 -2.96 0.00	53.31 -2.81 0.00	44.16 -2.32 0.00	39.59 -1.69 0.00	36.44 -1.17 0.00
UPPER HUDSON___HYD 24058	36.12 1.25 0.00	33.39 1.16 0.00	32.09 1.06 0.00	30.87 0.96 0.00	31.24 1.00 0.00	35.55 1.23 0.00	42.98 0.80 0.00	56.63 1.49 0.00	53.25 1.50 0.00	48.98 1.24 0.00	47.10 1.10 0.00	44.89 1.14 0.00	42.53 0.88 0.00	40.92 0.80 0.03	38.55 0.90 0.01	39.82 0.97 0.03	40.51 0.87 0.00	49.95 1.29 1.00	57.24 1.40 0.00	66.36 2.06 0.00	57.63 1.52 0.00	47.60 1.11 0.00	42.23 0.95 0.00	38.09 0.49 0.00
UPPER RAQUET___HYD 24056	34.62 -0.24 0.00	32.00 -0.22 0.00	30.85 -0.19 0.00	29.80 -0.12 0.00	30.12 -0.12 0.00	34.21 -0.10 0.00	42.10 -0.08 0.00	55.48 0.33 0.00	51.90 0.16 0.00	47.79 0.05 0.00	45.99 0.00 0.00	43.58 -0.17 0.00	41.49 -0.17 0.00	39.81 -0.32 0.02	37.39 -0.26 0.00	38.47 -0.39 0.02	39.12 -0.52 0.00	48.67 -0.50 0.50	55.79 -0.06 0.00	64.30 0.00 0.00	56.39 0.28 0.00	46.77 0.28 0.00	41.57 0.29 0.00	37.90 0.30 0.00
VALLEY44_115KV_TB2 355964	34.55 -0.31 0.00	31.91 -0.32 0.00	30.85 -0.19 0.00	29.79 -0.12 0.00	30.21 -0.03 0.00	34.35 0.03 0.00	42.99 0.80 0.00	54.15 -0.99 0.00	50.56 -1.19 0.00	46.03 -1.72 0.00	44.06 -1.93 0.00	41.39 -2.36 0.01	39.44 -2.21 0.01	36.62 -3.45 0.07	34.36 -3.28 0.02	34.80 -4.00 0.07	37.25 -2.38 0.01	40.97 -5.46 3.23	53.55 -2.29 0.00	62.18 -2.12 0.00	53.87 -2.24 0.00	44.49 -2.00 0.00	39.87 -1.40 0.00	37.30 -0.30 0.00
VALLEY___115KV_TB 1-4 80826	34.58 -0.28 0.00	31.94 -0.29 0.00	30.72 -0.31 0.00	29.59 -0.33 0.00	29.85 -0.39 0.00	33.87 -0.45 0.00	41.64 -0.55 0.00	54.65 -0.50 0.00	51.33 -0.41 0.00	47.36 -0.38 0.00	45.63 -0.37 0.00	43.41 -0.35 0.00	41.28 -0.37 0.00	39.75 -0.36 0.04	37.30 -0.34 0.01	38.49 -0.35 0.04	39.32 -0.32 0.00	48.17 -0.30 1.19	55.45 -0.39 0.00	63.98 -0.32 0.00	55.83 -0.28 0.00	46.35 -0.14 0.00	41.11 -0.17 0.00	37.38 -0.23 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.22 1.36 0.00	33.36 1.13 0.00	32.09 1.06 0.00	30.93 1.02 0.00	31.21 0.97 0.00	35.51 1.20 0.00	43.87 1.69 0.00	57.84 2.70 0.00	54.33 2.59 0.00	50.04 2.29 0.00	48.16 2.16 0.00	45.68 1.93 0.01	43.49 1.83 0.01	41.70 1.61 0.05	39.15 1.51 0.01	40.39 1.56 0.05	41.30 1.66 0.01	50.19 2.09 1.55	58.35 2.51 0.00	67.26 2.96 0.00	58.64 2.52 0.00	48.62 2.14 0.00	43.01 1.73 0.00	39.03 1.43 0.00
VISCHER___FERRY HYD 24020	35.60 0.73 0.00	32.91 0.68 0.00	31.65 0.62 0.00	30.48 0.57 0.00	30.82 0.57 0.00	35.00 0.69 0.00	43.03 0.84 0.00	56.46 1.32 0.00	53.04 1.29 0.00	48.98 1.24 0.00	47.24 1.24 0.00	45.12 1.36 0.00	42.91 1.25 0.00	41.36 1.25 0.03	38.85 1.20 0.01	40.13 1.28 0.03	40.94 1.31 0.00	50.41 1.74 0.99	57.40 1.56 0.00	66.04 1.74 0.00	57.57 1.46 0.00	47.65 1.16 0.00	42.23 0.95 0.00	38.20 0.60 0.00
V_A_10_SYNC_DSASP 323832	33.26 -1.60 0.00	30.71 -1.51 0.00	29.58 -1.46 0.00	28.54 -1.38 0.00	28.98 -1.27 0.00	32.84 -1.47 0.00	40.62 -1.56 0.00	51.61 -3.53 0.00	48.28 -3.47 0.00	44.21 -3.53 0.00	42.36 -3.63 0.00	39.99 -3.76 0.01	38.11 -3.54 0.01	36.77 -3.29 0.08	34.47 -3.16 0.02	35.68 -3.11 0.08	36.18 -3.45 0.01	42.24 -4.22 3.20	51.43 -4.41 0.00	59.29 -5.02 0.00	51.51 -4.60 0.00	42.63 -3.86 0.00	38.35 -2.93 0.00	35.61 -1.99 0.00
V_CMM_10_SYNC_DSASP 323787	34.97 0.10 0.00	32.36 0.13 0.00	31.19 0.16 0.00	30.13 0.21 0.00	30.49 0.24 0.00	34.55 0.24 0.00	42.52 0.34 0.00	55.75 0.61 0.00	52.21 0.46 0.00	48.17 0.43 0.00	46.41 0.41 0.00	44.07 0.31 0.00	42.03 0.37 0.00	40.42 0.28 0.01	37.95 0.30 0.00	39.06 0.20 0.01	39.76 0.12 0.00	49.53 0.15 0.29	56.29 0.44 0.00	64.69 0.39 0.00	56.67 0.56 0.00	47.00 0.51 0.00	41.81 0.54 0.00	38.20 0.60 0.00
V_CMP_10_SYNC_DSASP 323788	34.62 -0.24 0.00	32.23 0.00 0.00	31.22 0.19 0.00	30.33 0.42 0.00	30.94 0.70 0.00	35.17 0.86 0.00	43.36 1.18 0.00	56.85 1.71 0.00	53.04 1.29 0.00	48.84 1.10 0.00	47.10 1.10 0.00	44.59 0.83 0.00	42.66 1.00 0.00	40.94 0.80 0.01	38.44 0.79 0.00	39.49 0.62 0.01	40.15 0.51 0.00	49.51 0.15 0.30	56.73 0.89 0.00	64.50 0.19 0.00	57.46 1.34 0.00	47.69 1.21 0.00	43.09 1.81 0.00	39.44 1.84 0.00
V_D_10_SYNC_DSASP 323841	35.11 0.25 0.00	32.48 0.26 0.00	31.31 0.28 0.00	30.24 0.33 0.00	30.61 0.36 0.00	34.73 0.41 0.00	42.73 0.55 0.00	56.08 0.94 0.00	52.47 0.72 0.00	48.41 0.67 0.00	46.64 0.64 0.00	44.24 0.48 0.00	42.20 0.54 0.00	40.58 0.44 0.01	38.10 0.45 0.00	39.22 0.35 0.01	39.88 0.24 0.00	49.64 0.30 0.32	56.57 0.72 0.00	65.08 0.77 0.00	56.95 0.84 0.00	47.23 0.74 0.00	42.02 0.74 0.00	38.39 0.79 0.00
V_E_10_SYNC_DSASP 323830	37.13 2.26 0.00	34.10 1.87 0.00	32.71 1.67 0.00	31.53 1.61 0.00	31.73 1.48 0.00	36.10 1.78 0.00	44.46 2.28 0.00	58.94 3.80 0.00	55.06 3.31 0.00	50.18 2.43 0.00	47.88 1.89 0.00	45.07 1.31 0.01	42.86 1.21 0.01	40.93 0.84 0.05	38.39 0.75 0.01	39.60 0.78 0.05	40.70 1.07 0.01	50.58 1.79 0.86	59.13 3.29 0.00	68.80 4.50 0.00	59.98 3.87 0.00	49.65 3.16 0.00	43.84 2.56 0.00	40.01 2.41 0.00
V_F_30_NSYNC___DSASP 323816	36.01 1.15 0.00	33.29 1.06 0.00	32.00 0.96 0.00	30.81 0.90 0.00	31.15 0.91 0.00	35.41 1.10 0.00	43.57 1.39 0.00	57.29 2.15 0.00	53.82 2.07 0.00	49.56 1.81 0.00	47.70 1.70 0.00	45.51 1.75 0.00	43.11 1.46 0.00	41.52 1.40 0.03	39.07 1.43 0.01	40.32 1.48 0.03	41.10 1.47 0.00	50.70 2.04 1.00	57.96 2.12 0.00	67.00 2.70 0.00	58.24 2.13 0.00	48.21 1.72 0.00	42.72 1.44 0.00	38.62 1.02 0.00

V_F_30_SYNC_DSASP 323786	35.32 0.45 0.00	32.65 0.42 0.00	31.44 0.40 0.00	30.33 0.42 0.00	30.64 0.39 0.00	34.69 0.38 0.00	42.65 0.46 0.00	55.97 0.83 0.00	52.63 0.88 0.00	48.65 0.91 0.00	46.91 0.92 0.00	44.76 1.01 0.00	42.53 0.87 0.00	41.00 0.88 0.03	38.51 0.87 0.01	39.74 0.89 0.03	40.55 0.91 0.00	49.91 1.24 0.99	56.90 1.06 0.00	65.52 1.22 0.00	57.06 0.95 0.00	47.28 0.79 0.00	41.90 0.62 0.00	37.94 0.34 0.00
V_XM_10_SYNC_DSASP 323789	34.62 -0.24 0.00	32.23 0.00 0.00	31.22 0.19 0.00	30.33 0.42 0.00	30.94 0.70 0.00	35.17 0.86 0.00	43.36 1.18 0.00	56.85 1.71 0.00	53.04 1.29 0.00	48.84 1.10 0.00	47.10 1.10 0.00	44.59 0.83 0.00	42.66 1.00 0.00	40.94 0.80 0.01	38.44 0.79 0.00	39.49 0.62 0.01	40.15 0.51 0.00	49.51 0.15 0.30	56.73 0.89 0.00	64.50 0.19 0.00	57.46 1.34 0.00	47.69 1.21 0.00	43.09 1.81 0.00	39.44 1.84 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.70 0.84 0.00	33.00 0.77 0.00	31.75 0.71 0.00	30.57 0.66 0.00	30.82 0.57 0.00	35.24 0.93 0.00	43.83 1.65 0.00	57.51 2.37 0.00	54.18 2.43 0.00	50.13 2.39 0.00	48.39 2.39 0.00	46.16 2.41 0.00	43.91 2.25 0.00	42.36 2.25 0.03	39.71 2.07 0.01	41.06 2.22 0.03	41.78 2.14 0.00	51.12 2.48 1.02	58.19 2.35 0.00	67.07 2.76 0.00	58.47 2.36 0.00	48.44 1.95 0.00	42.72 1.44 0.00	38.54 0.94 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.01 1.15 0.00	33.23 1.00 0.00	32.00 0.96 0.00	30.81 0.90 0.00	31.06 0.82 0.00	35.41 1.10 0.00	44.12 1.94 0.00	57.68 2.54 0.00	54.33 2.59 0.00	50.47 2.72 0.00	48.75 2.76 0.00	46.60 2.84 0.00	44.37 2.71 0.00	42.76 2.65 0.03	40.09 2.45 0.01	41.53 2.68 0.03	42.41 2.77 0.00	51.82 3.18 1.02	58.80 2.96 0.00	67.65 3.34 0.00	58.97 2.86 0.00	48.95 2.46 0.00	43.18 1.90 0.00	38.88 1.28 0.00
W50THST__13_KV_LOAD 356117	36.08 1.22 0.00	33.36 1.13 0.00	32.12 1.09 0.00	30.90 0.99 0.00	31.15 0.91 0.00	35.51 1.20 0.00	44.29 2.11 0.00	57.95 2.81 0.00	54.59 2.85 0.00	50.75 3.01 0.00	48.98 2.99 0.00	46.86 3.11 0.00	44.62 2.96 0.00	43.00 2.89 0.03	40.35 2.71 0.01	41.76 2.92 0.03	42.69 3.05 0.00	52.07 3.43 1.02	59.02 3.18 0.00	67.97 3.67 0.00	59.25 3.14 0.00	49.14 2.65 0.00	43.30 2.02 0.00	39.03 1.43 0.00
WADING RIVER_IC_1 23522	35.70 0.84 0.00	32.74 0.51 0.00	31.16 0.12 0.00	30.10 0.18 0.00	30.18 -0.06 0.00	34.42 0.10 0.00	42.98 0.80 0.00	55.58 0.44 0.00	53.97 2.22 0.00	50.46 2.72 0.00	48.07 2.07 0.00	45.99 2.23 0.00	43.82 2.16 0.00	42.24 2.13 0.03	39.56 1.92 0.01	40.83 1.98 0.03	41.54 1.90 0.00	50.73 2.09 1.02	57.29 1.45 0.00	66.23 1.93 0.00	57.63 1.52 0.00	47.56 1.07 0.00	41.86 0.58 0.00	37.60 0.00 0.00
WADING RIVER_IC_2 23547	35.70 0.84 0.00	32.74 0.51 0.00	31.16 0.12 0.00	30.10 0.18 0.00	30.18 -0.06 0.00	34.42 0.10 0.00	42.98 0.80 0.00	55.58 0.44 0.00	53.97 2.22 0.00	50.46 2.72 0.00	48.07 2.07 0.00	45.99 2.23 0.00	43.82 2.16 0.00	42.24 2.13 0.03	39.56 1.92 0.01	40.83 1.98 0.03	41.54 1.90 0.00	50.73 2.09 1.02	57.29 1.45 0.00	66.23 1.93 0.00	57.63 1.52 0.00	47.56 1.07 0.00	41.86 0.58 0.00	37.60 0.00 0.00
WADING RIVER_IC_3 23601	35.70 0.84 0.00	32.74 0.51 0.00	31.16 0.12 0.00	30.10 0.18 0.00	30.18 -0.06 0.00	34.42 0.10 0.00	42.98 0.80 0.00	55.58 0.44 0.00	53.97 2.22 0.00	50.46 2.72 0.00	48.07 2.07 0.00	45.99 2.23 0.00	43.82 2.16 0.00	42.24 2.13 0.03	39.56 1.92 0.01	40.83 1.98 0.03	41.54 1.90 0.00	50.73 2.09 1.02	57.29 1.45 0.00	66.23 1.93 0.00	57.63 1.52 0.00	47.56 1.07 0.00	41.86 0.58 0.00	37.60 0.00 0.00
WALDENNY_12_KV_BK2 80841	33.99 -0.87 0.00	31.26 -0.97 0.00	30.26 -0.78 0.00	29.23 -0.69 0.00	29.67 -0.57 0.00	33.69 -0.62 0.00	41.97 -0.21 0.00	52.94 -2.21 0.00	49.47 -2.28 0.00	45.21 -2.53 0.00	43.33 -2.67 0.00	40.78 -2.98 0.01	38.94 -2.71 0.01	36.93 -3.13 0.08	34.77 -2.86 0.02	35.57 -3.23 0.08	36.78 -2.85 0.01	41.94 -4.52 3.20	52.60 -3.24 0.00	60.77 -3.54 0.00	52.69 -3.42 0.00	43.60 -2.88 0.00	39.38 -1.90 0.00	36.62 -0.98 0.00
WALDEN__HYDRO 24148	35.63 0.77 0.00	32.94 0.71 0.00	31.69 0.65 0.00	30.51 0.60 0.00	30.76 0.51 0.00	35.03 0.72 0.00	43.49 1.31 0.00	57.13 1.99 0.00	53.71 1.97 0.00	49.70 1.96 0.00	47.88 1.89 0.00	45.73 1.97 0.00	43.49 1.83 0.00	41.96 1.85 0.03	39.30 1.66 0.01	40.67 1.83 0.03	41.54 1.90 0.00	50.92 2.28 1.02	58.02 2.18 0.00	66.94 2.64 0.00	58.36 2.24 0.00	48.35 1.86 0.00	42.68 1.40 0.00	38.54 0.94 0.00
WARRENSBURG____ 23737	36.12 1.26 0.00	33.42 1.19 0.00	32.09 1.06 0.00	30.87 0.96 0.00	31.24 1.00 0.00	35.55 1.24 0.00	42.99 0.80 0.00	56.63 1.49 0.00	53.25 1.50 0.00	48.99 1.24 0.00	47.10 1.10 0.00	44.90 1.14 0.00	42.53 0.87 0.00	40.92 0.80 0.03	38.55 0.90 0.01	39.74 0.89 0.03	40.51 0.87 0.00	49.95 1.29 1.00	57.24 1.40 0.00	66.36 2.06 0.00	57.63 1.51 0.00	47.60 1.12 0.00	42.23 0.95 0.00	38.09 0.49 0.00
WATERSIDE____6 8 9 23538	34.46 1.32 1.73	33.36 1.13 0.00	32.16 1.12 -0.01	30.97 1.05 -0.01	31.22 0.97 -0.01	35.51 1.20 0.00	43.90 2.15 0.44	57.84 2.70 0.00	54.49 2.74 0.00	50.71 2.96 -0.01	48.95 2.94 -0.01	49.00 3.02 -2.22	48.98 2.87 -4.44	47.85 2.81 -4.89	47.11 2.60 -6.86	43.85 2.80 -2.18	44.70 2.93 -2.13	51.96 3.33 1.03	54.96 3.02 3.90	65.16 3.47 2.61	55.21 2.97 3.88	48.89 2.70 0.29	43.38 2.11 0.01	37.49 1.47 1.58
WATKINRD_115KV_LN8_ILLION 55919	34.72 -0.14 0.00	32.10 -0.13 0.00	30.88 -0.16 0.00	29.74 -0.18 0.00	30.03 -0.21 0.00	34.07 -0.24 0.00	41.89 -0.30 0.00	54.98 -0.17 0.00	51.59 -0.16 0.00	47.60 -0.14 0.00	45.86 -0.14 0.00	43.63 -0.13 0.00	41.53 -0.12 0.00	39.99 -0.12 0.04	37.53 -0.11 0.01	38.72 -0.12 0.04	39.56 -0.08 0.00	48.42 -0.05 1.19	55.73 -0.11 0.00	64.30 0.00 0.00	56.11 0.00 0.00	46.53 0.05 0.00	41.24 -0.04 0.00	37.49 -0.11 0.00
WATSON__69_KV_BK 1 55734	36.43 1.57 0.00	33.49 1.26 0.00	32.15 1.12 0.00	30.96 1.05 0.00	31.09 0.85 0.00	35.55 1.24 0.00	44.25 2.07 0.00	57.90 2.76 0.00	54.90 3.16 0.00	51.33 3.58 0.00	49.49 3.50 0.00	47.43 3.68 0.00	45.16 3.50 0.00	43.48 3.37 0.03	40.77 3.13 0.01	42.19 3.34 0.03	43.01 3.37 0.00	52.56 3.92 1.02	59.36 3.52 0.00	68.55 4.24 0.00	59.65 3.53 0.00	49.32 2.84 0.00	43.42 2.15 0.00	39.07 1.47 0.00
WDELAWARE__HYD 323627	35.35 0.49 0.00	32.65 0.42 0.00	31.44 0.40 0.00	30.24 0.33 0.00	30.52 0.27 0.00	34.76 0.44 0.00	43.20 1.01 0.00	56.80 1.65 0.00	53.40 1.66 0.00	49.32 1.57 0.00	47.51 1.52 0.00	45.25 1.49 0.00	43.03 1.37 0.00	41.48 1.37 0.03	38.88 1.24 0.01	40.21 1.36 0.03	41.10 1.47 0.00	50.47 1.84 1.03	57.68 1.84 0.00	66.55 2.25 0.00	58.13 2.02 0.00	48.16 1.67 0.00	42.48 1.20 0.00	38.39 0.79 0.00

WEST BABYLON___IC 23714	36.40 1.53 0.00	33.45 1.22 0.00	32.15 1.12 0.00	30.96 1.05 0.00	31.09 0.85 0.00	35.55 1.24 0.00	44.25 2.07 0.00	57.84 2.70 0.00	54.80 3.05 0.00	51.23 3.49 0.00	49.44 3.45 0.00	47.35 3.59 0.00	45.07 3.42 0.00	43.44 3.33 0.03	40.73 3.09 0.01	42.15 3.30 0.03	42.97 3.33 0.00	52.51 3.87 1.02	59.36 3.52 0.00	68.48 4.18 0.00	59.59 3.48 0.00	49.37 2.88 0.00	43.47 2.19 0.00	39.11 1.50 0.00
WEST CANADA___HYD 24049	34.97 0.10 0.00	32.33 0.10 0.00	31.13 0.09 0.00	30.00 0.09 0.00	30.31 0.06 0.00	34.38 0.07 0.00	42.27 0.08 0.00	55.36 0.22 0.00	51.95 0.21 0.00	47.98 0.24 0.00	46.23 0.23 0.00	44.02 0.26 0.00	41.91 0.25 0.00	40.35 0.24 0.04	37.87 0.23 0.01	39.08 0.23 0.04	39.87 0.24 0.00	48.82 0.35 1.19	56.12 0.28 0.00	64.69 0.39 0.00	56.45 0.34 0.00	46.77 0.28 0.00	41.49 0.21 0.00	37.72 0.11 0.00
WESTERN_NY_WIND 24143	34.23 -0.63 0.00	31.52 -0.71 0.00	30.41 -0.62 0.00	29.35 -0.57 0.00	29.82 -0.42 0.00	33.87 -0.45 0.00	42.14 -0.04 0.00	53.76 -1.38 0.00	50.14 -1.60 0.00	45.64 -2.10 0.00	43.65 -2.35 0.00	41.08 -2.67 0.01	39.07 -2.58 0.01	37.49 -2.57 0.08	35.30 -2.33 0.02	36.35 -2.45 0.08	37.09 -2.54 0.01	43.36 -3.13 3.18	53.44 -2.40 0.00	61.79 -2.51 0.00	53.64 -2.47 0.00	44.35 -2.14 0.00	39.96 -1.32 0.00	36.89 -0.71 0.00
WESTOVER___LESR 323668	34.86 0.00 0.00	32.20 -0.03 0.00	31.03 0.00 0.00	29.88 -0.03 0.00	30.25 0.00 0.00	34.35 0.03 0.00	42.44 0.25 0.00	54.98 -0.17 0.00	51.49 -0.26 0.00	47.31 -0.43 0.00	45.44 -0.55 0.00	43.05 -0.70 0.01	40.99 -0.67 0.01	39.24 -0.84 0.06	36.81 -0.83 0.01	37.93 -0.89 0.06	39.00 -0.63 0.01	46.36 -1.14 2.16	55.34 -0.50 0.00	63.92 -0.39 0.00	55.66 -0.45 0.00	46.07 -0.42 0.00	40.95 -0.33 0.00	37.53 -0.08 0.00
WETHRSFD_WT_PWR 323626	33.50 -1.36 0.00	30.97 -1.26 0.00	29.82 -1.21 0.00	28.78 -1.14 0.00	29.19 -1.06 0.00	33.11 -1.20 0.00	41.09 -1.10 0.00	52.27 -2.87 0.00	48.85 -2.90 0.00	44.59 -3.15 0.00	42.64 -3.36 0.00	40.12 -3.63 0.01	38.15 -3.50 0.01	36.34 -3.73 0.07	34.25 -3.39 0.02	35.11 -3.69 0.07	35.99 -3.65 0.01	41.46 -4.86 3.34	52.10 -3.74 0.00	60.57 -3.73 0.00	52.63 -3.48 0.00	43.56 -2.93 0.00	39.01 -2.27 0.00	36.25 -1.35 0.00
WHAVSTOR_138KV_BK127 55557	35.59 0.73 0.00	32.90 0.68 0.00	31.69 0.65 0.00	30.48 0.57 0.00	30.76 0.51 0.00	35.03 0.72 0.00	43.53 1.35 0.00	57.02 1.87 0.00	53.66 1.91 0.00	49.75 2.01 0.00	47.97 1.98 0.00	45.81 2.06 0.00	43.62 1.96 0.00	42.04 1.93 0.03	39.41 1.77 0.01	40.79 1.94 0.03	41.66 2.02 0.00	50.92 2.28 1.02	57.96 2.12 0.00	66.81 2.51 0.00	58.24 2.13 0.00	48.25 1.77 0.00	42.60 1.32 0.00	38.39 0.79 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.59 0.73 0.00	32.90 0.68 0.00	31.69 0.65 0.00	30.48 0.57 0.00	30.76 0.51 0.00	35.03 0.72 0.00	43.53 1.35 0.00	57.02 1.87 0.00	53.66 1.91 0.00	49.75 2.01 0.00	47.97 1.98 0.00	45.81 2.06 0.00	43.62 1.96 0.00	42.04 1.93 0.03	39.41 1.77 0.01	40.79 1.94 0.03	41.66 2.02 0.00	50.92 2.28 1.02	57.96 2.12 0.00	66.81 2.51 0.00	58.24 2.13 0.00	48.25 1.77 0.00	42.60 1.32 0.00	38.39 0.79 0.00
WHITEHAL_115KV_TB1 80871	36.47 1.60 0.00	33.78 1.55 0.00	32.40 1.37 0.00	31.20 1.29 0.00	31.58 1.33 0.00	35.92 1.61 0.00	43.70 1.52 0.00	57.68 2.54 0.00	54.23 2.48 0.00	49.75 2.01 0.00	47.83 1.84 0.00	45.55 1.79 0.00	42.99 1.33 0.00	41.36 1.24 0.03	39.00 1.36 0.01	40.21 1.36 0.03	40.98 1.35 0.00	50.80 2.14 1.00	58.35 2.51 0.00	67.84 3.54 0.00	58.86 2.75 0.00	48.53 2.05 0.00	43.01 1.73 0.00	38.73 1.13 0.00
WHITEPLN_13_KV_LOAD 356215	36.19 1.32 0.00	33.42 1.19 0.00	32.15 1.12 0.00	30.93 1.02 0.00	31.15 0.91 0.00	35.48 1.17 0.00	44.17 1.98 0.00	58.01 2.87 0.00	54.64 2.90 0.00	50.70 2.96 0.00	48.94 2.94 0.00	46.78 3.02 0.00	44.49 2.83 0.00	42.88 2.77 0.03	40.17 2.52 0.01	41.57 2.72 0.03	42.49 2.85 0.00	51.97 3.33 1.02	59.08 3.24 0.00	68.22 3.92 0.00	59.31 3.20 0.00	49.14 2.65 0.00	43.34 2.06 0.00	38.92 1.32 0.00
WM_FLOYD_69_KV_BK2 356380	35.94 1.08 0.00	33.00 0.77 0.00	31.69 0.65 0.00	30.45 0.54 0.00	30.55 0.30 0.00	34.86 0.55 0.00	43.49 1.31 0.00	56.91 1.76 0.00	54.23 2.48 0.00	50.70 2.96 0.00	48.57 2.58 0.00	46.60 2.84 0.00	44.37 2.71 0.00	42.72 2.61 0.03	40.02 2.37 0.01	41.37 2.53 0.03	42.13 2.50 0.00	51.47 2.83 1.02	58.13 2.29 0.00	67.20 2.89 0.00	58.41 2.30 0.00	48.25 1.77 0.00	42.47 1.20 0.00	38.20 0.60 0.00
WOODARD___115KV_TB2 355635	34.51 -0.35 0.00	31.84 -0.39 0.00	30.66 -0.37 0.00	29.53 -0.39 0.00	29.88 -0.36 0.00	33.83 -0.48 0.00	41.47 -0.72 0.00	53.98 -1.16 0.00	50.66 -1.09 0.00	46.65 -1.10 0.00	44.89 -1.10 0.00	42.62 -1.14 0.01	40.57 -1.08 0.01	39.04 -1.04 0.06	36.62 -1.02 0.01	37.81 -1.01 0.06	38.60 -1.03 0.01	46.45 -1.24 1.97	54.67 -1.17 0.00	63.02 -1.29 0.00	54.88 -1.23 0.00	45.46 -1.02 0.00	40.41 -0.87 0.00	37.00 -0.60 0.00
YORK___WARBASSE 23770	48.52 1.64 -12.02	33.62 1.39 -0.01	32.41 1.37 -0.01	31.21 1.29 -0.01	31.46 1.21 -0.01	35.80 1.48 -0.01	48.76 2.45 -4.13	58.23 3.09 0.00	54.75 3.00 0.00	52.77 3.25 -1.78	52.44 3.17 -3.27	55.25 3.24 -8.25	58.81 3.08 -14.06	59.55 3.01 -16.39	62.11 2.82 -21.63	86.27 3.03 -44.36	86.24 3.17 -43.43	86.19 3.67 -32.85	86.24 3.41 -26.99	86.25 3.86 -18.09	86.31 3.37 -26.83	53.16 3.07 -3.61	51.19 2.39 -7.52	50.31 1.77 -10.94