

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										08/22/2025		
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	32.76	29.92	27.49	26.23	26.82	29.18	34.31	37.60	32.11	28.67	29.88	32.09	34.26	37.71	40.46	43.49	48.92	62.75	69.83	66.22	54.76	51.45	44.69	38.57									
		1.11	0.93	0.96	0.86	0.86	0.93	1.41	1.93	1.79	1.85	2.07	2.16	2.53	2.60	2.58	2.66	3.02	3.51	3.30	2.91	1.70	1.79	1.55	1.59									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.37	-0.54	-0.83	-0.96	-1.12	-0.89	-0.66	-0.46	0.00	0.00	0.00	0.00										
74TH STREET_GT_1	24260	32.76	29.92	27.49	26.23	26.82	29.15	34.27	37.53	32.08	28.65	29.86	32.09	34.21	37.67	40.46	43.49	48.87	62.63	69.77	66.15	54.76	51.45	44.69	38.57									
		1.11	0.93	0.96	0.86	0.86	0.90	1.38	1.86	1.76	1.82	2.04	2.16	2.46	2.57	2.58	2.66	2.97	3.40	3.24	2.85	1.70	1.79	1.55	1.59									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.37	-0.55	-0.83	-0.96	-1.12	-0.89	-0.66	-0.46	0.00	0.00	0.00	0.00										
74TH STREET_GT_2	24261	32.76	29.92	27.49	26.23	26.82	29.15	34.27	37.53	32.08	28.65	29.86	32.09	34.21	37.67	40.46	43.49	48.87	62.63	69.77	66.15	54.76	51.45	44.69	38.57									
		1.11	0.93	0.96	0.86	0.86	0.90	1.38	1.86	1.76	1.82	2.04	2.16	2.46	2.57	2.58	2.66	2.97	3.40	3.24	2.85	1.70	1.79	1.55	1.59									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.37	-0.55	-0.83	-0.96	-1.12	-0.89	-0.66	-0.46	0.00	0.00	0.00	0.00										
ADK HUDSON___FALLS	24011	32.60	29.84	27.33	26.11	26.77	29.21	34.04	36.78	31.05	27.28	27.59	29.36	30.74	33.76	36.09	38.81	44.76	59.44	68.13	65.77	55.50	51.60	44.73	38.20									
		0.95	0.84	0.80	0.74	0.80	0.96	1.15	1.11	0.73	0.46	0.14	0.09	-0.03	0.14	-0.04	0.04	0.50	1.41	2.44	2.47	2.44	1.94	1.60	1.22									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.29	0.42	0.65	0.80	0.94	0.74	0.55	0.38	0.00	0.00	0.00	0.00										
ADK RESOURCE___RCVRY	23798	32.69	29.89	27.38	26.16	26.80	29.26	34.11	36.82	31.08	27.28	27.57	29.33	30.72	33.77	36.06	38.82	44.82	59.56	68.40	66.02	55.76	51.79	44.86	38.31									
		1.04	0.90	0.85	0.79	0.83	1.02	1.22	1.14	0.76	0.46	0.11	0.06	-0.06	0.14	-0.07	0.04	0.54	1.52	2.71	2.72	2.70	2.13	1.73	1.33									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.29	0.41	0.64	0.79	0.92	0.73	0.54	0.38	0.00	0.00	0.00	0.00										
ADK S GLENS___FALLS	24028	32.60	29.84	27.33	26.11	26.77	29.21	34.04	36.78	31.05	27.28	27.59	29.36	30.74	33.76	36.09	38.81	44.76	59.44	68.13	65.77	55.50	51.60	44.73	38.20									
		0.95	0.84	0.80	0.74	0.80	0.96	1.15	1.11	0.73	0.46	0.14	0.09	-0.03	0.14	-0.04	0.04	0.50	1.41	2.44	2.47	2.44	1.94	1.60	1.22									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.29	0.42	0.65	0.80	0.94	0.74	0.55	0.38	0.00	0.00	0.00	0.00										
ADK_NYS___DAM	23527	32.54	29.86	27.38	26.24	26.80	29.23	34.07	37.10	31.48	27.87	28.12	29.76	31.22	33.80	36.14	38.81	44.89	59.29	67.26	65.07	54.76	51.20	44.25	38.02									
		0.88	0.87	0.85	0.86	0.83	0.99	1.18	1.43	1.15	1.05	0.86	0.86	0.97	0.99	1.00	1.19	1.53	1.93	2.05	1.77	1.70	1.54	1.12	1.03									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.66	0.94	1.46	1.78	2.08	1.65	1.22	0.86	0.00	0.00	0.00	0.00										
AIR_PRODUCTS___DRP	24190	31.21	28.79	26.43	25.32	25.86	28.13	32.66	35.60	30.23	26.82	27.48	29.16	30.71	33.54	35.93	38.57	44.00	57.69	65.20	62.67	52.53	49.11	42.57	36.58									
		-0.44	-0.20	-0.11	-0.05	-0.10	-0.11	-0.23	-0.07	-0.09	0.00	0.00	-0.15	-0.12	-0.17	-0.30	-0.32	-0.36	-0.41	-0.53	-0.63	-0.53	-0.55	-0.56	-0.41									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.25	0.36	0.56	0.70	0.82	0.65	0.48	0.34	0.00	0.00	0.00	0.00										
AKWESSNE_115KV_BK	355683	32.25	29.55	27.01	25.80	26.46	28.78	33.65	36.35	30.69	27.09	27.83	29.82	31.35	34.37	37.00	39.82	45.10	59.28	66.86	64.25	53.80	50.31	43.78	37.61									
		0.60	0.55	0.48	0.43	0.49	0.54	0.76	0.68	0.36	0.27	0.22	0.27	0.16	0.10	0.07	0.12	0.09	0.70	0.79	0.95	0.74	0.65	0.65	0.63									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
ALBANY_1_SOLAR	323833	32.00	29.40	26.99	25.80	26.41	28.76	33.39	36.14	30.51	26.90	27.62	29.38	30.95	33.91	36.40	39.18	44.76	58.76	66.72	64.07	53.86	50.36	43.65	37.46									
		0.35	0.41	0.45	0.43	0.44	0.51	0.49	0.46	0.18	0.08	0.08	-0.03	-0.03	-0.03	-0.11	-0.04	0.14	0.47	0.86	0.76	0.80	0.69	0.52	0.48									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.14	0.21	0.32	0.41	0.48	0.38	0.28	0.20	0.00	0.00	0.00	0.00										
ALBANY_2_SOLAR	323834	32.00	29.40	26.99	25.80	26.38	28.73	33.35	36.10	30.51	26.90	27.62	29.38	30.95	33.91	36.40	39.18	44.76	58.76	66.72	64.07	53.86	50.30	43.65	37.46									
		0.35	0.41	0.45	0.43	0.41	0.48	0.46	0.43	0.18	0.08	0.08	-0.03	-0.03	-0.03	-0.11	-0.04	0.14	0.47	0.86	0.76	0.80	0.64	0.52	0.48									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.14	0.21	0.32	0.41	0.48	0.38	0.28	0.20	0.00	0.00	0.00	0.00										
ALBANY___1	23571	31.21	28.79	26.43	25.32	25.86	28.13	32.66	35.60	30.23	26.82	27.48	29.16	30.71	33.54	35.93	38.57	44.00	57.69	65.20	62.67	52.53	49.11	42.57	36.58									
		-0.44	-0.20	-0.11	-0.05	-0.10	-0.11	-0.23	-0.07	-0.09	0.00	0.00	-0.15	-0.12	-0.17	-0.30	-0.32	-0.36	-0.41	-0.53	-0.63	-0.53	-0.55	-0.56	-0.41									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.25	0.36	0.56	0.70	0.82	0.65	0.48	0.34	0.00	0.00	0.00	0.00										

ALBANY___2 23572	31.21 -0.44 0.00	28.79 -0.20 0.00	26.43 -0.11 0.00	25.32 -0.05 0.00	25.86 -0.10 0.00	28.13 -0.11 0.00	32.66 -0.23 0.00	35.60 -0.07 0.00	30.23 -0.09 0.00	26.82 0.00 0.00	27.48 0.00 0.14	29.16 -0.15 0.25	30.71 -0.12 0.36	33.54 -0.17 0.56	35.93 -0.30 0.70	38.57 -0.32 0.82	44.00 -0.36 0.65	57.69 -0.41 0.48	65.20 -0.53 0.34	62.67 -0.63 0.00	52.53 -0.53 0.00	49.11 -0.55 0.00	42.57 -0.56 0.00	36.58 -0.41 0.00
ALBANY___3 23573	31.21 -0.44 0.00	28.79 -0.20 0.00	26.43 -0.11 0.00	25.32 -0.05 0.00	25.86 -0.10 0.00	28.13 -0.11 0.00	32.66 -0.23 0.00	35.60 -0.07 0.00	30.23 -0.09 0.00	26.82 0.00 0.00	27.48 0.00 0.14	29.16 -0.15 0.25	30.71 -0.12 0.36	33.54 -0.17 0.56	35.93 -0.30 0.70	38.57 -0.32 0.82	44.00 -0.36 0.65	57.69 -0.41 0.48	65.20 -0.53 0.34	62.67 -0.63 0.00	52.53 -0.53 0.00	49.11 -0.55 0.00	42.57 -0.56 0.00	36.58 -0.41 0.00
ALBANY___4 23574	31.21 -0.44 0.00	28.79 -0.20 0.00	26.43 -0.11 0.00	25.32 -0.05 0.00	25.86 -0.10 0.00	28.13 -0.11 0.00	32.66 -0.23 0.00	35.60 -0.07 0.00	30.23 -0.09 0.00	26.82 0.00 0.00	27.48 0.00 0.14	29.16 -0.15 0.25	30.71 -0.12 0.36	33.54 -0.17 0.56	35.93 -0.30 0.70	38.57 -0.32 0.82	44.00 -0.36 0.65	57.69 -0.41 0.48	65.20 -0.53 0.34	62.67 -0.63 0.00	52.53 -0.53 0.00	49.11 -0.55 0.00	42.57 -0.56 0.00	36.58 -0.41 0.00
ALBANY___LFGE 323615	31.56 -0.09 0.00	29.08 0.09 0.00	26.69 0.16 0.00	25.55 0.18 0.00	26.10 0.13 0.00	28.45 0.20 0.00	33.02 0.13 0.00	35.93 0.25 0.00	30.51 0.18 0.00	27.04 0.21 0.00	27.69 0.22 0.14	29.41 0.12 0.27	30.93 0.13 0.38	33.77 0.10 0.60	36.18 0.00 0.74	38.84 0.00 0.87	44.46 0.14 0.69	58.31 0.24 0.51	65.98 0.27 0.36	63.43 0.13 0.00	53.22 0.16 0.00	49.71 0.05 0.00	43.09 -0.04 0.00	36.98 0.00 0.00
ALCOA_PA_115KV_PL-6C 55860	32.51 0.85 0.00	29.78 0.78 0.00	27.20 0.66 0.00	25.98 0.61 0.00	26.67 0.70 0.00	28.98 0.73 0.00	33.88 0.99 0.00	36.60 0.93 0.00	30.84 0.52 0.00	27.22 0.40 0.00	27.94 0.33 0.00	29.91 0.35 0.00	31.41 0.22 0.00	34.44 0.17 0.00	37.03 0.11 0.00	39.86 0.16 0.00	45.19 0.18 0.00	59.57 1.00 0.00	67.12 1.06 0.00	64.57 1.27 0.00	54.12 1.06 0.00	50.55 0.89 0.00	44.04 0.91 0.00	37.87 0.89 0.00
ALCOA_RYNLDS___DRP 24188	32.51 0.85 0.00	29.78 0.78 0.00	27.20 0.66 0.00	25.98 0.61 0.00	26.67 0.70 0.00	28.98 0.73 0.00	33.88 0.99 0.00	36.60 0.93 0.00	30.84 0.52 0.00	27.22 0.40 0.00	27.94 0.33 0.00	29.91 0.35 0.00	31.41 0.22 0.00	34.44 0.17 0.00	37.03 0.11 0.00	39.86 0.16 0.00	45.19 0.18 0.00	59.57 1.00 0.00	67.12 1.06 0.00	64.57 1.27 0.00	54.12 1.06 0.00	50.55 0.89 0.00	44.04 0.91 0.00	37.87 0.89 0.00
ALCOA___DSASP 323711	32.51 0.85 0.00	29.78 0.78 0.00	27.20 0.66 0.00	25.98 0.61 0.00	26.67 0.70 0.00	28.98 0.73 0.00	33.88 0.99 0.00	36.60 0.93 0.00	30.84 0.52 0.00	27.22 0.40 0.00	27.95 0.33 0.00	29.91 0.36 0.00	31.41 0.22 0.00	34.44 0.17 0.00	37.03 0.11 0.00	39.86 0.16 0.00	45.19 0.18 0.00	59.57 0.99 0.00	67.12 1.05 0.00	64.57 1.27 0.00	54.12 1.06 0.00	50.56 0.89 0.00	44.04 0.91 0.00	37.87 0.89 0.00
ALLEGHENY___COGEN 23514	33.99 2.34 0.00	30.91 1.91 0.00	28.18 1.65 0.00	26.89 1.52 0.00	27.58 1.61 0.00	29.91 1.67 0.00	34.37 1.48 0.00	36.39 0.71 0.00	30.96 0.64 0.00	26.90 0.08 0.00	27.89 0.28 0.00	30.06 0.50 0.00	31.57 0.38 0.00	35.02 0.75 0.00	38.03 1.11 0.00	40.73 1.03 0.00	46.18 1.17 0.00	60.16 1.58 0.00	69.50 3.43 0.00	67.48 4.18 0.00	57.31 4.25 0.00	53.68 4.02 0.00	46.76 3.62 0.00	39.42 2.44 0.00
ALTAMONT_115KV_TB 2 55880	31.78 0.13 0.00	29.20 0.20 0.00	26.77 0.24 0.00	25.60 0.23 0.00	26.20 0.23 0.00	28.50 0.25 0.00	33.16 0.26 0.00	36.07 0.39 0.00	30.63 0.30 0.00	27.14 0.32 0.00	27.84 0.30 0.07	29.69 0.27 0.14	31.31 0.31 0.19	34.27 0.31 0.30	36.79 0.26 0.39	39.53 0.28 0.46	45.05 0.41 0.36	58.78 0.47 0.27	66.41 0.53 0.19	63.75 0.44 0.00	53.43 0.37 0.00	49.96 0.30 0.00	43.35 0.22 0.00	37.20 0.22 0.00
ALTONA_WT_PWR 323606	32.63 0.98 0.00	29.92 0.93 0.00	27.33 0.80 0.00	26.13 0.76 0.00	26.80 0.83 0.00	29.12 0.88 0.00	34.04 1.15 0.00	36.82 1.14 0.00	31.05 0.73 0.00	27.41 0.59 0.00	28.16 0.55 0.00	30.18 0.62 0.00	31.75 0.56 0.00	34.81 0.55 0.00	37.44 0.52 0.00	40.30 0.60 0.00	45.69 0.68 0.00	60.10 1.52 0.00	67.85 1.78 0.00	65.20 1.90 0.00	54.60 1.54 0.00	51.00 1.34 0.00	44.30 1.17 0.00	38.02 1.03 0.00
AMERICAN_REF_FUEL 24010	32.63 0.98 0.00	29.72 0.73 0.00	27.22 0.69 0.00	25.93 0.56 0.00	26.56 0.60 0.00	28.61 0.37 0.00	32.14 -0.76 0.00	33.89 -1.78 0.00	29.63 -0.70 0.00	25.99 -0.83 0.00	27.20 -0.41 0.00	29.47 -0.09 0.00	30.88 -0.31 0.00	34.34 0.07 0.00	37.18 0.26 0.00	39.74 0.04 0.00	44.52 -0.49 0.00	56.65 -1.93 0.00	64.29 -1.78 0.00	61.41 -1.90 0.00	52.48 -0.58 0.00	49.46 -0.20 0.00	43.61 0.48 0.00	37.39 0.41 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.30 1.64 0.00	30.30 1.31 0.00	27.76 1.22 0.00	26.49 1.12 0.00	27.16 1.20 0.00	29.38 1.13 0.00	33.58 0.69 0.00	35.60 -0.07 0.00	31.05 0.73 0.00	27.22 0.40 0.00	28.50 0.88 0.00	30.86 1.30 0.00	32.44 1.25 0.00	36.12 1.85 0.00	38.99 2.07 0.00	41.77 2.06 0.00	46.86 1.85 0.00	59.57 0.99 0.00	67.78 1.71 0.00	64.69 1.39 0.00	55.29 2.23 0.00	51.79 2.13 0.00	45.46 2.33 0.00	38.50 1.52 0.00
ARTHUR KILL_GT_1 23520	32.98 1.33 0.00	30.07 1.07 0.00	27.54 1.01 0.00	26.21 0.84 0.00	26.80 0.83 0.00	28.98 0.73 0.00	34.08 1.18 0.00	37.28 1.61 0.00	31.84 1.52 0.00	28.57 1.74 0.00	29.88 2.07 -0.20	32.12 2.19 -0.37	34.33 2.59 -0.55	37.84 2.74 -0.83	40.65 2.77 -0.96	43.49 2.66 -1.12	48.32 2.43 -0.88	61.45 2.23 -0.65	68.58 2.05 -0.46	65.01 1.71 0.00	54.02 0.96 0.00	50.41 0.74 0.00	44.21 1.08 0.00	38.61 1.63 0.00
ARTHUR_KILL_2 23512	32.85 1.20 0.00	29.98 0.99 0.00	27.44 0.90 0.00	26.16 0.79 0.00	26.72 0.75 0.00	28.90 0.65 0.00	33.94 1.05 0.00	37.17 1.50 0.00	31.75 1.43 0.00	28.49 1.66 0.00	29.80 1.99 -0.20	32.03 2.10 -0.37	34.24 2.50 -0.55	37.70 2.60 -0.83	40.51 2.62 -0.97	43.37 2.54 -1.12	48.14 2.25 -0.88	61.10 1.87 -0.65	68.17 1.65 -0.45	64.63 1.33 0.01	53.69 0.64 0.01	50.25 0.60 0.01	44.04 0.91 0.00	38.50 1.52 0.00
ARTHUR_KILL_3 23513	32.41 0.76 0.00	29.63 0.64 0.00	27.17 0.64 0.00	25.98 0.61 0.00	26.56 0.60 0.00	28.90 0.65 0.00	33.94 1.05 0.00	37.21 1.53 0.00	31.81 1.49 0.00	28.40 1.58 0.00	29.61 1.79 -0.20	31.79 1.86 -0.37	33.92 2.18 -0.55	37.36 2.26 -0.83	40.10 2.22 -0.96	43.09 2.26 -1.12	48.38 2.47 -0.89	61.93 2.70 -0.66	68.97 2.45 -0.46	65.39 2.09 0.00	54.07 1.01 0.00	50.90 1.24 0.00	44.21 1.08 0.00	38.20 1.22 0.00

ARTHUR_KILL_COGEN 323718	32.98 1.33 0.00	30.04 1.04 0.00	27.52 0.98 0.00	26.21 0.84 0.00	26.80 0.83 0.00	28.98 0.73 0.00	34.04 1.15 0.00	37.28 1.61 0.00	31.84 1.52 0.00	28.56 1.74 0.00	29.89 2.07 -0.20	32.12 2.19 -0.37	34.33 2.59 -0.55	37.84 2.74 -0.83	40.66 2.77 -0.97	43.53 2.70 -1.12	48.32 2.43 -0.88	61.33 2.11 -0.65	68.44 1.92 -0.45	64.88 1.58 0.01	53.90 0.85 0.01	50.40 0.75 0.01	44.21 1.08 0.00	38.61 1.63 0.00
ASHOKAN____ 23654	32.06 0.41 0.00	29.37 0.38 0.00	26.93 0.40 0.00	25.78 0.40 0.00	26.30 0.34 0.00	28.67 0.42 0.00	33.42 0.52 0.00	36.28 0.61 0.00	30.69 0.37 0.00	27.14 0.32 0.00	28.77 1.16 0.00	30.62 1.06 0.00	32.53 1.34 0.00	35.67 1.41 0.00	38.40 1.48 0.00	41.45 1.74 0.00	47.26 2.25 0.00	62.03 3.46 0.00	70.16 4.10 0.00	65.20 1.90 0.00	54.49 1.43 0.00	50.80 1.14 0.00	44.04 0.91 0.00	37.80 0.81 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.66 1.01 0.00	29.80 0.81 0.00	27.28 0.74 0.00	26.01 0.63 0.00	26.56 0.60 0.00	28.72 0.48 0.01	33.74 0.85 0.01	37.02 1.36 0.01	31.71 1.40 0.01	28.40 1.58 0.01	29.66 1.85 -0.19	31.84 1.92 -0.36	34.01 2.28 -0.54	37.39 2.30 -0.82	40.16 2.29 -0.95	43.13 2.30 -1.12	48.51 2.61 -0.89	61.45 2.23 -0.65	68.50 1.98 -0.45	64.94 1.64 0.01	53.79 0.74 0.01	50.59 0.94 0.01	44.25 1.12 0.00	38.42 1.44 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.66 1.01 0.00	29.80 0.81 0.00	27.28 0.74 0.00	26.01 0.63 0.00	26.56 0.60 0.00	28.72 0.48 0.01	33.74 0.85 0.01	37.02 1.36 0.01	31.71 1.40 0.01	28.40 1.58 0.01	29.66 1.85 -0.19	31.84 1.92 -0.36	34.01 2.28 -0.54	37.39 2.30 -0.82	40.16 2.29 -0.95	43.13 2.30 -1.12	48.51 2.61 -0.89	61.45 2.23 -0.65	68.50 1.98 -0.45	64.94 1.64 0.01	53.79 0.74 0.01	50.59 0.94 0.01	44.25 1.12 0.00	38.42 1.44 0.00
ASTORIA_GT2_1 24094	32.70 1.04 0.00	29.81 0.81 0.00	27.33 0.80 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.76 0.51 0.00	33.81 0.92 0.00	37.03 1.36 0.00	31.72 1.39 0.00	28.40 1.58 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.02 2.28 -0.55	37.43 2.33 -0.83	40.19 2.33 -0.94	43.13 2.30 -1.12	48.56 2.66 -0.89	61.52 2.28 -0.66	68.51 1.98 -0.46	65.01 1.71 0.00	53.86 0.80 0.00	50.65 0.99 0.00	44.30 1.16 0.00	38.46 1.48 0.00
ASTORIA_GT2_2 24095	32.70 1.04 0.00	29.81 0.81 0.00	27.33 0.80 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.76 0.51 0.00	33.81 0.92 0.00	37.03 1.36 0.00	31.72 1.39 0.00	28.40 1.58 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.02 2.28 -0.55	37.43 2.33 -0.83	40.19 2.33 -0.94	43.13 2.30 -1.12	48.56 2.66 -0.89	61.52 2.28 -0.66	68.51 1.98 -0.46	65.01 1.71 0.00	53.86 0.80 0.00	50.65 0.99 0.00	44.30 1.16 0.00	38.46 1.48 0.00
ASTORIA_GT2_3 24096	32.70 1.04 0.00	29.81 0.81 0.00	27.33 0.80 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.76 0.51 0.00	33.81 0.92 0.00	37.03 1.36 0.00	31.72 1.39 0.00	28.40 1.58 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.02 2.28 -0.55	37.43 2.33 -0.83	40.19 2.33 -0.94	43.13 2.30 -1.12	48.56 2.66 -0.89	61.52 2.28 -0.66	68.51 1.98 -0.46	65.01 1.71 0.00	53.86 0.80 0.00	50.65 0.99 0.00	44.30 1.16 0.00	38.46 1.48 0.00
ASTORIA_GT2_4 24097	32.70 1.04 0.00	29.81 0.81 0.00	27.33 0.80 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.76 0.51 0.00	33.81 0.92 0.00	37.03 1.36 0.00	31.72 1.39 0.00	28.40 1.58 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.02 2.28 -0.55	37.43 2.33 -0.83	40.19 2.33 -0.94	43.13 2.30 -1.12	48.56 2.66 -0.89	61.52 2.28 -0.66	68.51 1.98 -0.46	65.01 1.71 0.00	53.86 0.80 0.00	50.65 0.99 0.00	44.30 1.16 0.00	38.46 1.48 0.00
ASTORIA_GT3_1 24098	32.70 1.04 0.00	29.81 0.81 0.00	27.33 0.80 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.76 0.51 0.00	33.81 0.92 0.00	37.03 1.36 0.00	31.72 1.39 0.00	28.40 1.58 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.02 2.28 -0.55	37.43 2.33 -0.83	40.19 2.33 -0.94	43.13 2.30 -1.12	48.56 2.66 -0.89	61.52 2.28 -0.66	68.51 1.98 -0.46	65.01 1.71 0.00	53.86 0.80 0.00	50.65 0.99 0.00	44.30 1.16 0.00	38.46 1.48 0.00
ASTORIA_GT3_2 24099	32.70 1.04 0.00	29.81 0.81 0.00	27.33 0.80 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.76 0.51 0.00	33.81 0.92 0.00	37.03 1.36 0.00	31.72 1.39 0.00	28.40 1.58 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.02 2.28 -0.55	37.43 2.33 -0.83	40.19 2.33 -0.94	43.13 2.30 -1.12	48.56 2.66 -0.89	61.52 2.28 -0.66	68.51 1.98 -0.46	65.01 1.71 0.00	53.86 0.80 0.00	50.65 0.99 0.00	44.30 1.16 0.00	38.46 1.48 0.00
ASTORIA_GT3_3 24100	32.70 1.04 0.00	29.81 0.81 0.00	27.33 0.80 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.76 0.51 0.00	33.81 0.92 0.00	37.03 1.36 0.00	31.72 1.39 0.00	28.40 1.58 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.02 2.28 -0.55	37.43 2.33 -0.83	40.19 2.33 -0.94	43.13 2.30 -1.12	48.56 2.66 -0.89	61.52 2.28 -0.66	68.51 1.98 -0.46	65.01 1.71 0.00	53.86 0.80 0.00	50.65 0.99 0.00	44.30 1.16 0.00	38.46 1.48 0.00
ASTORIA_GT3_4 24101	32.70 1.04 0.00	29.81 0.81 0.00	27.33 0.80 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.76 0.51 0.00	33.81 0.92 0.00	37.03 1.36 0.00	31.72 1.39 0.00	28.40 1.58 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.02 2.28 -0.55	37.43 2.33 -0.83	40.19 2.33 -0.94	43.13 2.30 -1.12	48.56 2.66 -0.89	61.52 2.28 -0.66	68.51 1.98 -0.46	65.01 1.71 0.00	53.86 0.80 0.00	50.65 0.99 0.00	44.30 1.16 0.00	38.46 1.48 0.00
ASTORIA_GT4_1 24102	32.70 1.04 0.00	29.81 0.81 0.00	27.33 0.80 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.76 0.51 0.00	33.81 0.92 0.00	37.03 1.36 0.00	31.72 1.39 0.00	28.40 1.58 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.02 2.28 -0.55	37.43 2.33 -0.83	40.19 2.33 -0.94	43.13 2.30 -1.12	48.56 2.66 -0.89	61.52 2.28 -0.66	68.51 1.98 -0.46	65.01 1.71 0.00	53.86 0.80 0.00	50.65 0.99 0.00	44.30 1.16 0.00	38.46 1.48 0.00
ASTORIA_GT4_2 24103	32.70 1.04 0.00	29.81 0.81 0.00	27.33 0.80 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.76 0.51 0.00	33.81 0.92 0.00	37.03 1.36 0.00	31.72 1.39 0.00	28.40 1.58 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.02 2.28 -0.55	37.43 2.33 -0.83	40.19 2.33 -0.94	43.13 2.30 -1.12	48.56 2.66 -0.89	61.52 2.28 -0.66	68.51 1.98 -0.46	65.01 1.71 0.00	53.86 0.80 0.00	50.65 0.99 0.00	44.30 1.16 0.00	38.46 1.48 0.00
ASTORIA_GT4_3 24104	32.70 1.04 0.00	29.81 0.81 0.00	27.33 0.80 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.76 0.51 0.00	33.81 0.92 0.00	37.03 1.36 0.00	31.72 1.39 0.00	28.40 1.58 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.02 2.28 -0.55	37.43 2.33 -0.83	40.19 2.33 -0.94	43.13 2.30 -1.12	48.56 2.66 -0.89	61.52 2.28 -0.66	68.51 1.98 -0.46	65.01 1.71 0.00	53.86 0.80 0.00	50.65 0.99 0.00	44.30 1.16 0.00	38.46 1.48 0.00

ASTORIA_GT4_4 24105	32.70 1.04 0.00	29.81 0.81 0.00	27.33 0.80 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.76 0.51 0.00	33.81 0.92 0.00	37.03 1.36 0.00	31.72 1.39 0.00	28.40 1.58 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.02 2.28 -0.55	37.43 2.33 -0.83	40.19 2.33 -0.94	43.13 2.30 -1.12	48.56 2.66 -0.89	61.52 2.28 -0.66	68.51 1.98 -0.46	65.01 1.71 0.00	53.86 0.80 0.00	50.65 0.99 0.00	44.30 1.16 0.00	38.46 1.48 0.00
ASTORIA_GT_1 23523	32.73 1.08 0.00	29.86 0.87 0.00	27.36 0.82 0.00	26.06 0.69 0.00	26.62 0.65 0.00	28.78 0.54 0.00	33.88 0.99 0.00	37.10 1.43 0.00	31.78 1.46 0.00	28.46 1.64 0.00	29.75 1.93 -0.20	31.94 2.01 -0.37	34.11 2.37 -0.55	37.50 2.40 -0.83	40.26 2.40 -0.94	43.21 2.38 -1.12	48.65 2.75 -0.89	61.64 2.40 -0.66	68.71 2.18 -0.46	65.14 1.84 0.00	53.96 0.90 0.00	50.75 1.09 0.00	44.39 1.25 0.00	38.54 1.55 0.00
ASTORIA_GT_10 24110	32.63 0.98 0.00	29.81 0.81 0.00	27.36 0.82 0.00	26.08 0.71 0.00	26.64 0.68 0.00	28.87 0.62 0.00	33.94 1.05 0.00	37.21 1.53 0.00	31.84 1.52 0.00	28.51 1.69 0.00	29.80 1.99 -0.20	32.00 2.07 -0.37	34.11 2.37 -0.55	37.57 2.47 -0.83	40.32 2.44 -0.96	43.33 2.50 -1.12	48.60 2.70 -0.89	61.76 2.52 -0.66	68.77 2.25 -0.46	65.20 1.90 0.00	54.02 0.96 0.00	50.75 1.09 0.00	44.30 1.16 0.00	38.42 1.44 0.00
ASTORIA_GT_11 24225	32.63 0.98 0.00	29.81 0.81 0.00	27.36 0.82 0.00	26.08 0.71 0.00	26.64 0.68 0.00	28.87 0.62 0.00	33.94 1.05 0.00	37.21 1.53 0.00	31.84 1.52 0.00	28.51 1.69 0.00	29.80 1.99 -0.20	32.00 2.07 -0.37	34.11 2.37 -0.55	37.57 2.47 -0.83	40.32 2.44 -0.96	43.33 2.50 -1.12	48.60 2.70 -0.89	61.76 2.52 -0.66	68.77 2.25 -0.46	65.20 1.90 0.00	54.02 0.96 0.00	50.75 1.09 0.00	44.30 1.16 0.00	38.42 1.44 0.00
ASTORIA_GT_12 24226	32.63 0.98 0.00	29.81 0.81 0.00	27.36 0.82 0.00	26.08 0.71 0.00	26.64 0.68 0.00	28.87 0.62 0.00	33.94 1.05 0.00	37.21 1.53 0.00	31.84 1.52 0.00	28.51 1.69 0.00	29.80 1.99 -0.20	32.00 2.07 -0.37	34.11 2.37 -0.55	37.57 2.47 -0.83	40.32 2.44 -0.96	43.33 2.50 -1.12	48.60 2.70 -0.89	61.76 2.52 -0.66	68.77 2.25 -0.46	65.20 1.90 0.00	54.02 0.96 0.00	50.75 1.09 0.00	44.30 1.16 0.00	38.42 1.44 0.00
ASTORIA_GT_13 24227	32.63 0.98 0.00	29.81 0.81 0.00	27.36 0.82 0.00	26.08 0.71 0.00	26.64 0.68 0.00	28.87 0.62 0.00	33.94 1.05 0.00	37.21 1.53 0.00	31.84 1.52 0.00	28.51 1.69 0.00	29.80 1.99 -0.20	32.00 2.07 -0.37	34.11 2.37 -0.55	37.57 2.47 -0.83	40.32 2.44 -0.96	43.33 2.50 -1.12	48.60 2.70 -0.89	61.76 2.52 -0.66	68.77 2.25 -0.46	65.20 1.90 0.00	54.02 0.96 0.00	50.75 1.09 0.00	44.30 1.16 0.00	38.42 1.44 0.00
ASTORIA_GT_5 24106	32.73 1.08 0.00	29.86 0.87 0.00	27.36 0.82 0.00	26.06 0.69 0.00	26.62 0.65 0.00	28.78 0.54 0.00	33.88 0.99 0.00	37.10 1.43 0.00	31.78 1.46 0.00	28.46 1.64 0.00	29.75 1.93 -0.20	31.94 2.01 -0.37	34.11 2.37 -0.55	37.50 2.40 -0.83	40.26 2.40 -0.94	43.21 2.38 -1.12	48.65 2.75 -0.89	61.64 2.40 -0.66	68.71 2.18 -0.46	65.14 1.84 0.00	53.96 0.90 0.00	50.75 1.09 0.00	44.39 1.25 0.00	38.54 1.55 0.00
ASTORIA_GT_7 24107	32.73 1.08 0.00	29.86 0.87 0.00	27.36 0.82 0.00	26.06 0.69 0.00	26.62 0.65 0.00	28.78 0.54 0.00	33.88 0.99 0.00	37.10 1.43 0.00	31.78 1.46 0.00	28.46 1.64 0.00	29.75 1.93 -0.20	31.94 2.01 -0.37	34.11 2.37 -0.55	37.50 2.40 -0.83	40.26 2.40 -0.94	43.21 2.38 -1.12	48.65 2.75 -0.89	61.64 2.40 -0.66	68.71 2.18 -0.46	65.14 1.84 0.00	53.96 0.90 0.00	50.75 1.09 0.00	44.39 1.25 0.00	38.54 1.55 0.00
ASTORIA_GT_8 24108	32.73 1.08 0.00	29.86 0.87 0.00	27.36 0.82 0.00	26.06 0.69 0.00	26.62 0.65 0.00	28.78 0.54 0.00	33.88 0.99 0.00	37.10 1.43 0.00	31.78 1.46 0.00	28.46 1.64 0.00	29.75 1.93 -0.20	31.94 2.01 -0.37	34.11 2.37 -0.55	37.50 2.40 -0.83	40.26 2.40 -0.94	43.21 2.38 -1.12	48.65 2.75 -0.89	61.64 2.40 -0.66	68.71 2.18 -0.46	65.14 1.84 0.00	53.96 0.90 0.00	50.75 1.09 0.00	44.39 1.25 0.00	38.54 1.55 0.00
ASTORIA___2 24149	32.69 1.04 0.00	29.80 0.81 0.00	27.30 0.77 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.75 0.51 0.01	33.77 0.89 0.01	37.02 1.36 0.01	31.71 1.40 0.01	28.40 1.58 0.01	29.68 1.88 -0.19	31.87 1.95 -0.36	34.01 2.28 -0.54	37.42 2.33 -0.82	40.16 2.29 -0.95	43.13 2.30 -1.12	48.56 2.66 -0.89	61.51 2.28 -0.65	68.50 1.98 -0.45	65.01 1.71 0.01	53.85 0.80 0.01	50.65 0.99 0.01	44.30 1.17 0.00	38.46 1.48 0.00
ASTORIA___3 23516	32.63 0.98 0.00	29.80 0.81 0.00	27.33 0.80 0.00	26.08 0.71 0.00	26.64 0.67 0.00	28.87 0.62 0.00	33.91 1.02 0.00	37.21 1.53 0.00	31.84 1.52 0.00	28.51 1.69 0.00	29.77 1.96 -0.20	32.00 2.07 -0.37	34.11 2.37 -0.55	37.57 2.47 -0.83	40.32 2.44 -0.97	43.33 2.50 -1.12	48.56 2.66 -0.89	61.75 2.52 -0.66	68.77 2.25 -0.45	65.19 1.90 0.01	54.01 0.96 0.01	50.74 1.09 0.01	44.30 1.17 0.00	38.39 1.40 0.00
ASTORIA___4 23517	32.63 0.98 0.00	29.81 0.81 0.00	27.36 0.82 0.00	26.08 0.71 0.00	26.64 0.68 0.00	28.87 0.62 0.00	33.94 1.05 0.00	37.21 1.53 0.00	31.84 1.52 0.00	28.51 1.69 0.00	29.77 1.96 -0.20	32.00 2.07 -0.37	34.11 2.37 -0.55	37.57 2.47 -0.83	40.32 2.44 -0.96	43.33 2.50 -1.12	48.56 2.66 -0.89	61.76 2.52 -0.66	68.77 2.25 -0.46	65.20 1.90 0.00	54.02 0.96 0.00	50.75 1.09 0.00	44.30 1.16 0.00	38.42 1.44 0.00
ASTORIA___5 23518	32.63 0.98 0.00	29.80 0.81 0.00	27.33 0.80 0.00	26.08 0.71 0.00	26.64 0.67 0.00	28.87 0.62 0.00	33.91 1.02 0.00	37.21 1.53 0.00	31.84 1.52 0.00	28.51 1.69 0.00	29.80 1.99 -0.20	32.00 2.07 -0.37	34.11 2.37 -0.55	37.57 2.47 -0.83	40.32 2.44 -0.97	43.33 2.50 -1.12	48.60 2.70 -0.89	61.75 2.52 -0.66	68.77 2.25 -0.45	65.19 1.90 0.01	54.01 0.96 0.01	50.74 1.09 0.01	44.30 1.17 0.00	38.39 1.40 0.00
AST_ENERGY_2_CC3 323677	30.76 0.85 1.75	29.72 0.73 0.00	27.25 0.72 0.00	26.08 0.71 0.00	26.64 0.67 0.00	28.94 0.71 0.02	30.76 1.12 3.25	30.76 1.61 6.52	30.76 1.52 1.08	28.41 1.61 0.02	29.62 1.82 -0.18	31.81 1.89 -0.36	32.30 2.21 1.11	32.30 2.30 4.26	32.30 2.25 6.87	32.30 2.30 9.71	32.30 2.56 15.28	38.35 2.87 23.09	48.19 2.65 20.52	46.19 2.28 19.39	34.87 1.22 19.41	32.30 1.34 18.70	32.30 1.17 12.00	32.30 1.29 5.98
AST_ENERGY_2_CC4 323678	30.76 0.85 1.75	29.72 0.73 0.00	27.25 0.72 0.00	26.08 0.71 0.00	26.64 0.67 0.00	28.94 0.71 0.02	30.76 1.12 3.25	30.76 1.61 6.52	30.76 1.52 1.08	28.41 1.61 0.02	29.62 1.82 -0.18	31.81 1.89 -0.36	32.30 2.21 1.11	32.30 2.30 4.26	32.30 2.25 6.87	32.30 2.30 9.71	32.30 2.56 15.28	38.35 2.87 23.09	48.19 2.65 20.52	46.19 2.28 19.39	34.87 1.22 19.41	32.30 1.34 18.70	32.30 1.17 12.00	32.30 1.29 5.98

ATHENS_STG_1 23668	31.75 0.10 0.00	29.14 0.15 0.00	26.75 0.21 0.00	25.57 0.20 0.00	26.15 0.18 0.00	28.45 0.20 0.00	33.15 0.26 0.00	36.14 0.46 0.00	30.75 0.42 0.00	27.33 0.51 0.00	28.22 0.52 -0.08	30.22 0.50 -0.16	32.04 0.62 -0.22	35.23 0.62 -0.35	37.82 0.52 -0.38	40.67 0.51 -0.45	46.04 0.68 -0.35	59.49 0.65 -0.26	66.78 0.53 -0.18	63.69 0.38 0.00	53.22 0.16 0.00	49.86 0.20 0.00	43.26 0.13 0.00	37.21 0.22 0.00
ATHENS_STG_2 23670	31.75 0.10 0.00	29.14 0.15 0.00	26.75 0.21 0.00	25.57 0.20 0.00	26.15 0.18 0.00	28.45 0.20 0.00	33.15 0.26 0.00	36.14 0.46 0.00	30.75 0.42 0.00	27.33 0.51 0.00	28.22 0.52 -0.08	30.22 0.50 -0.16	32.04 0.62 -0.22	35.23 0.62 -0.35	37.82 0.52 -0.38	40.67 0.51 -0.45	46.04 0.68 -0.35	59.49 0.65 -0.26	66.78 0.53 -0.18	63.69 0.38 0.00	53.22 0.16 0.00	49.86 0.20 0.00	43.26 0.13 0.00	37.21 0.22 0.00
ATHENS_STG_3 23677	31.75 0.10 0.00	29.14 0.15 0.00	26.75 0.21 0.00	25.57 0.20 0.00	26.15 0.18 0.00	28.45 0.20 0.00	33.15 0.26 0.00	36.14 0.46 0.00	30.75 0.42 0.00	27.33 0.51 0.00	28.22 0.52 -0.08	30.22 0.50 -0.16	32.04 0.62 -0.22	35.23 0.62 -0.35	37.82 0.52 -0.38	40.67 0.51 -0.45	46.04 0.68 -0.35	59.49 0.65 -0.26	66.78 0.53 -0.18	63.69 0.38 0.00	53.22 0.16 0.00	49.86 0.20 0.00	43.26 0.13 0.00	37.21 0.22 0.00
AUBURN____LFGE 323710	31.87 0.22 0.00	29.14 0.14 0.00	26.61 0.08 0.00	25.45 0.08 0.00	26.04 0.08 0.00	28.30 0.06 0.00	32.93 0.03 0.00	35.60 -0.07 0.00	30.39 0.06 0.00	26.74 -0.08 0.00	27.59 -0.03 0.00	29.62 0.06 0.00	31.22 0.03 0.00	34.41 0.14 0.00	37.14 0.22 0.00	39.86 0.16 0.00	45.24 0.23 0.00	58.87 0.29 0.00	66.66 0.59 0.00	64.00 0.70 0.00	53.64 0.58 0.00	50.21 0.55 0.00	43.57 0.43 0.00	37.17 0.18 0.00
BABYLON_RES_REC 323704	32.38 0.73 0.00	29.43 0.44 0.00	26.96 0.42 0.00	25.78 0.40 0.00	26.33 0.36 0.00	28.61 0.37 0.00	33.42 0.52 0.00	36.99 1.32 0.00	31.54 1.21 0.00	28.14 1.31 0.00	29.75 1.93 -0.20	32.06 2.13 -0.37	34.03 2.31 -0.53	37.74 2.64 -0.83	40.28 2.40 -0.96	42.77 1.94 -1.12	48.02 2.12 -0.89	61.58 2.35 -0.66	68.45 1.92 -0.46	64.44 1.14 0.00	53.43 0.37 0.00	49.90 0.25 0.01	43.56 0.43 0.01	38.87 1.89 0.00
BALL_HILL_WT_PWR 323825	32.92 1.27 0.00	29.98 0.99 0.00	27.46 0.93 0.00	26.18 0.81 0.00	26.82 0.86 0.00	28.98 0.73 0.00	32.96 0.07 0.00	34.96 -0.71 0.00	30.48 0.15 0.00	26.71 -0.11 0.00	27.97 0.36 0.00	30.30 0.74 0.00	31.81 0.62 0.00	35.40 1.13 0.00	38.25 1.33 0.00	40.97 1.27 0.00	45.96 0.95 0.00	58.64 0.06 0.00	66.59 0.53 0.00	63.62 0.32 0.00	54.33 1.27 0.00	50.95 1.29 0.00	44.73 1.60 0.00	37.98 1.00 0.00
BARON_WINDS____WT_PWR 323822	32.47 0.82 0.00	29.63 0.64 0.00	27.12 0.58 0.00	25.88 0.51 0.00	26.54 0.57 0.00	28.73 0.48 0.00	33.06 0.17 0.00	35.28 -0.39 0.00	30.27 -0.06 0.00	26.53 -0.29 0.00	27.61 0.00 0.00	29.82 0.27 0.00	31.41 0.22 0.00	34.81 0.55 0.00	37.59 0.67 0.00	40.26 0.56 0.00	45.42 0.40 0.00	58.52 -0.06 0.00	66.53 0.47 0.00	63.94 0.63 0.00	54.12 1.06 0.00	50.71 1.04 0.00	44.25 1.12 0.00	37.65 0.67 0.00
BARRETT_IC_1 23704	32.32 0.67 0.00	29.43 0.44 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.30 0.34 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.08 1.26 0.00	29.64 1.82 -0.20	31.91 1.98 -0.37	33.91 2.18 -0.53	37.46 2.36 -0.83	40.02 2.14 -0.96	42.57 1.74 -1.12	48.02 2.12 -0.89	61.93 2.70 -0.66	68.84 2.31 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	50.10 0.45 0.01	43.39 0.26 0.01	38.54 1.55 0.00
BARRETT_IC_10 23701	32.32 0.67 0.00	29.43 0.44 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.30 0.34 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.08 1.26 0.00	29.64 1.82 -0.20	31.91 1.98 -0.37	33.91 2.18 -0.53	37.46 2.36 -0.83	40.02 2.14 -0.96	42.57 1.74 -1.12	48.02 2.12 -0.89	61.93 2.70 -0.66	68.84 2.31 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	50.10 0.45 0.01	43.39 0.26 0.01	38.54 1.55 0.00
BARRETT_IC_11 23702	32.32 0.67 0.00	29.43 0.44 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.30 0.34 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.08 1.26 0.00	29.64 1.82 -0.20	31.91 1.98 -0.37	33.91 2.18 -0.53	37.46 2.36 -0.83	40.02 2.14 -0.96	42.57 1.74 -1.12	48.02 2.12 -0.89	61.93 2.70 -0.66	68.84 2.31 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	50.10 0.45 0.01	43.39 0.26 0.01	38.54 1.55 0.00
BARRETT_IC_12 23703	32.32 0.67 0.00	29.43 0.44 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.30 0.34 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.08 1.26 0.00	29.64 1.82 -0.20	31.91 1.98 -0.37	33.91 2.18 -0.53	37.46 2.36 -0.83	40.02 2.14 -0.96	42.57 1.74 -1.12	48.02 2.12 -0.89	61.93 2.70 -0.66	68.84 2.31 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	50.10 0.45 0.01	43.39 0.26 0.01	38.54 1.55 0.00
BARRETT_IC_2 23705	32.32 0.67 0.00	29.43 0.44 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.30 0.34 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.08 1.26 0.00	29.64 1.82 -0.20	31.91 1.98 -0.37	33.91 2.18 -0.53	37.46 2.36 -0.83	40.02 2.14 -0.96	42.57 1.74 -1.12	48.02 2.12 -0.89	61.93 2.70 -0.66	68.84 2.31 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	50.10 0.45 0.01	43.39 0.26 0.01	38.54 1.55 0.00
BARRETT_IC_3 23706	32.32 0.67 0.00	29.43 0.44 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.30 0.34 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.08 1.26 0.00	29.64 1.82 -0.20	31.91 1.98 -0.37	33.91 2.18 -0.53	37.46 2.36 -0.83	40.02 2.14 -0.96	42.57 1.74 -1.12	48.02 2.12 -0.89	61.93 2.70 -0.66	68.84 2.31 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	50.10 0.45 0.01	43.39 0.26 0.01	38.54 1.55 0.00
BARRETT_IC_4 23707	32.32 0.67 0.00	29.43 0.44 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.30 0.34 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.08 1.26 0.00	29.64 1.82 -0.20	31.91 1.98 -0.37	33.91 2.18 -0.53	37.46 2.36 -0.83	40.02 2.14 -0.96	42.57 1.74 -1.12	48.02 2.12 -0.89	61.93 2.70 -0.66	68.84 2.31 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	50.10 0.45 0.01	43.39 0.26 0.01	38.54 1.55 0.00
BARRETT_IC_5 23708	32.32 0.67 0.00	29.43 0.44 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.30 0.34 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.08 1.26 0.00	29.64 1.82 -0.20	31.91 1.98 -0.37	33.91 2.18 -0.53	37.46 2.36 -0.83	40.02 2.14 -0.96	42.57 1.74 -1.12	48.02 2.12 -0.89	61.93 2.70 -0.66	68.84 2.31 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	50.10 0.45 0.01	43.39 0.26 0.01	38.54 1.55 0.00

BARRETT_IC_6 23709	32.32 0.67 0.00	29.43 0.44 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.30 0.34 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.08 1.26 0.00	29.64 1.82 -0.20	31.91 1.98 -0.37	33.91 2.18 -0.53	37.46 2.36 -0.83	40.02 2.14 -0.96	42.57 1.74 -1.12	48.02 2.12 -0.89	61.93 2.70 -0.66	68.84 2.31 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	50.10 0.45 0.01	43.39 0.26 0.01	38.54 1.55 0.00
BARRETT_IC_7 23710	32.32 0.66 0.00	29.43 0.43 0.00	27.04 0.50 0.00	25.75 0.38 0.00	26.33 0.36 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.08 1.26 0.00	29.64 1.82 -0.20	31.91 1.98 -0.37	33.91 2.18 -0.53	37.47 2.36 -0.83	40.10 2.22 -0.96	42.65 1.83 -1.12	48.02 2.12 -0.89	61.93 2.69 -0.66	68.84 2.31 -0.46	64.89 1.58 0.00	53.70 0.64 0.00	50.10 0.45 0.01	43.43 0.30 0.01	38.57 1.59 0.00
BARRETT_IC_8 23711	32.32 0.67 0.00	29.43 0.44 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.30 0.34 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.08 1.26 0.00	29.64 1.82 -0.20	31.91 1.98 -0.37	33.91 2.18 -0.53	37.46 2.36 -0.83	40.02 2.14 -0.96	42.57 1.74 -1.12	48.02 2.12 -0.89	61.93 2.70 -0.66	68.84 2.31 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	50.10 0.45 0.01	43.39 0.26 0.01	38.54 1.55 0.00
BARRETT_IC_9 23700	32.32 0.67 0.00	29.43 0.44 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.30 0.34 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.08 1.26 0.00	29.64 1.82 -0.20	31.91 1.98 -0.37	33.91 2.18 -0.53	37.46 2.36 -0.83	40.02 2.14 -0.96	42.57 1.74 -1.12	48.02 2.12 -0.89	61.93 2.70 -0.66	68.84 2.31 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	50.10 0.45 0.01	43.39 0.26 0.01	38.54 1.55 0.00
BARRETT___1 23545	32.32 0.67 0.00	29.43 0.44 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.30 0.34 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.08 1.26 0.00	29.64 1.82 -0.20	31.91 1.98 -0.37	33.91 2.18 -0.53	37.46 2.36 -0.83	40.02 2.14 -0.96	42.57 1.74 -1.12	48.02 2.12 -0.89	61.93 2.70 -0.66	68.84 2.31 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	50.10 0.45 0.01	43.39 0.26 0.01	38.54 1.55 0.00
BARRETT___2 23546	32.32 0.67 0.00	29.43 0.44 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.30 0.34 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.08 1.26 0.00	29.64 1.82 -0.20	31.91 1.98 -0.37	33.91 2.18 -0.53	37.46 2.36 -0.83	40.02 2.14 -0.96	42.57 1.74 -1.12	48.02 2.12 -0.89	61.93 2.70 -0.66	68.84 2.31 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	50.10 0.45 0.01	43.39 0.26 0.01	38.54 1.55 0.00
BATAVIA___115KV_TB1 55881	33.65 1.99 0.00	30.56 1.57 0.00	27.86 1.33 0.00	26.62 1.24 0.00	27.24 1.27 0.00	29.49 1.24 0.00	33.39 0.49 0.00	35.53 -0.14 0.00	30.81 0.49 0.00	26.93 0.11 0.00	28.14 0.52 0.00	30.48 0.92 0.00	31.97 0.78 0.00	35.54 1.27 0.00	38.51 1.59 0.00	41.17 1.47 0.00	46.32 1.31 0.00	59.57 1.00 0.00	67.92 1.85 0.00	64.95 1.65 0.00	55.29 2.23 0.00	51.99 2.33 0.00	45.51 2.37 0.00	38.65 1.66 0.00
BAYONEEC___CTG1 323682	32.57 0.92 0.00	29.75 0.75 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	34.07 1.18 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.49 1.66 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.01 2.28 -0.55	37.46 2.36 -0.83	40.21 2.33 -0.96	43.21 2.38 -1.12	48.51 2.61 -0.89	62.16 2.93 -0.66	69.24 2.71 -0.46	65.65 2.34 0.00	54.33 1.27 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
BAYONEEC___CTG10 323750	32.57 0.92 0.00	29.75 0.75 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	34.07 1.18 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.49 1.66 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.01 2.28 -0.55	37.46 2.36 -0.83	40.21 2.33 -0.96	43.21 2.38 -1.12	48.51 2.61 -0.89	62.16 2.93 -0.66	69.24 2.71 -0.46	65.65 2.34 0.00	54.33 1.27 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
BAYONEEC___CTG2 323683	32.57 0.92 0.00	29.75 0.75 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	34.07 1.18 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.49 1.66 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.01 2.28 -0.55	37.46 2.36 -0.83	40.21 2.33 -0.96	43.21 2.38 -1.12	48.51 2.61 -0.89	62.16 2.93 -0.66	69.24 2.71 -0.46	65.65 2.34 0.00	54.33 1.27 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
BAYONEEC___CTG3 323684	32.57 0.92 0.00	29.75 0.75 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	34.07 1.18 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.49 1.66 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.01 2.28 -0.55	37.46 2.36 -0.83	40.21 2.33 -0.96	43.21 2.38 -1.12	48.51 2.61 -0.89	62.16 2.93 -0.66	69.24 2.71 -0.46	65.65 2.34 0.00	54.33 1.27 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
BAYONEEC___CTG4 323685	32.57 0.92 0.00	29.75 0.75 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	34.07 1.18 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.49 1.66 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.01 2.28 -0.55	37.46 2.36 -0.83	40.21 2.33 -0.96	43.21 2.38 -1.12	48.51 2.61 -0.89	62.16 2.93 -0.66	69.24 2.71 -0.46	65.65 2.34 0.00	54.33 1.27 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
BAYONEEC___CTG5 323686	32.57 0.92 0.00	29.75 0.75 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	34.07 1.18 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.49 1.66 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.01 2.28 -0.55	37.46 2.36 -0.83	40.21 2.33 -0.96	43.21 2.38 -1.12	48.51 2.61 -0.89	62.16 2.93 -0.66	69.24 2.71 -0.46	65.65 2.34 0.00	54.33 1.27 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
BAYONEEC___CTG6 323687	32.57 0.92 0.00	29.75 0.75 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	34.07 1.18 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.49 1.66 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.01 2.28 -0.55	37.46 2.36 -0.83	40.21 2.33 -0.96	43.21 2.38 -1.12	48.51 2.61 -0.89	62.16 2.93 -0.66	69.24 2.71 -0.46	65.65 2.34 0.00	54.33 1.27 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
BAYONEEC___CTG7 323688	32.57 0.92 0.00	29.75 0.75 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	34.07 1.18 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.49 1.66 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.01 2.28 -0.55	37.46 2.36 -0.83	40.21 2.33 -0.96	43.21 2.38 -1.12	48.51 2.61 -0.89	62.16 2.93 -0.66	69.24 2.71 -0.46	65.65 2.34 0.00	54.33 1.27 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00

BAYONEEC___CTG8 323689	32.57 0.92 0.00	29.75 0.75 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	34.07 1.18 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.49 1.66 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.01 2.28 -0.55	37.46 2.36 -0.83	40.21 2.33 -0.96	43.21 2.38 -1.12	48.51 2.61 -0.89	62.16 2.93 -0.66	69.24 2.71 -0.46	65.65 2.34 0.00	54.33 1.27 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
BAYONEEC___CTG9 323749	32.57 0.92 0.00	29.75 0.75 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	34.07 1.18 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.49 1.66 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.01 2.28 -0.55	37.46 2.36 -0.83	40.21 2.33 -0.96	43.21 2.38 -1.12	48.51 2.61 -0.89	62.16 2.93 -0.66	69.24 2.71 -0.46	65.65 2.34 0.00	54.33 1.27 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
BEACON___LESR 323632	31.68 0.03 0.00	29.20 0.20 0.00	26.77 0.24 0.00	25.63 0.25 0.00	26.20 0.23 0.00	28.53 0.28 0.00	33.15 0.26 0.00	36.07 0.39 0.00	30.63 0.30 0.00	27.12 0.30 0.00	27.78 0.30 0.14	29.51 0.21 0.26	31.04 0.22 0.37	33.93 0.24 0.58	36.35 0.15 0.72	39.05 0.20 0.85	44.70 0.36 0.67	58.73 0.65 0.50	66.45 0.73 0.35	63.81 0.50 0.00	53.54 0.48 0.00	50.01 0.35 0.00	43.31 0.17 0.00	37.17 0.19 0.00
BEAVER RIVER___HYD 24048	32.88 1.23 0.00	30.07 1.07 0.00	27.44 0.90 0.00	26.26 0.89 0.00	26.95 0.99 0.00	29.35 1.10 0.00	34.21 1.32 0.00	36.92 1.25 0.00	31.05 0.73 0.00	27.20 0.38 0.00	27.89 0.28 0.00	29.77 0.21 0.00	31.22 0.03 0.00	34.34 0.07 0.00	37.00 0.07 0.00	39.78 0.08 0.00	45.15 0.14 0.00	59.87 1.29 0.00	68.18 2.11 0.00	65.96 2.66 0.00	55.34 2.28 0.00	51.40 1.74 0.00	44.64 1.51 0.00	38.13 1.15 0.00
BEEBEE_GT_13 23619	32.54 0.89 0.00	29.63 0.64 0.00	27.04 0.50 0.00	25.83 0.46 0.00	26.41 0.44 0.00	28.64 0.40 0.00	32.89 0.00 0.00	35.28 -0.39 0.00	30.48 0.15 0.00	26.77 -0.05 0.00	27.83 0.22 0.00	30.06 0.50 0.00	31.57 0.37 0.00	34.99 0.72 0.00	37.88 0.96 0.00	40.50 0.79 0.00	45.73 0.72 0.00	59.05 0.47 0.00	66.93 0.86 0.00	64.00 0.70 0.00	54.12 1.06 0.00	50.80 1.14 0.00	44.34 1.21 0.00	37.57 0.59 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.95 1.30 0.00	30.04 1.04 0.00	27.54 1.01 0.00	26.23 0.86 0.00	26.80 0.83 0.00	29.01 0.76 0.00	34.14 1.25 0.00	37.39 1.71 0.00	31.99 1.67 0.00	28.67 1.85 0.00	30.00 2.18 -0.20	32.24 2.31 -0.37	34.42 2.68 -0.55	37.95 2.84 -0.83	40.76 2.88 -0.96	43.73 2.90 -1.12	48.92 3.02 -0.89	62.17 2.93 -0.66	69.37 2.84 -0.46	65.77 2.47 0.00	54.55 1.49 0.00	51.05 1.39 0.00	44.60 1.47 0.00	38.76 1.78 0.00
BETHLEHEM___GRP 23843	31.21 -0.44 0.00	28.79 -0.20 0.00	26.43 -0.11 0.00	25.32 -0.05 0.00	25.86 -0.10 0.00	28.13 -0.11 0.00	32.66 -0.23 0.00	35.60 -0.07 0.00	30.23 -0.09 0.00	26.82 0.00 0.00	27.48 0.00 0.14	29.16 -0.15 0.25	30.71 -0.12 0.36	33.54 -0.17 0.56	35.93 -0.30 0.70	38.57 -0.32 0.82	44.00 -0.36 0.65	57.69 -0.41 0.48	65.20 -0.53 0.34	62.67 -0.63 0.00	52.53 -0.53 0.00	49.11 -0.55 0.00	42.57 -0.56 0.00	36.58 -0.41 0.00
BETHLEHEM___GS1 323560	31.21 -0.44 0.00	28.79 -0.20 0.00	26.43 -0.11 0.00	25.32 -0.05 0.00	25.84 -0.13 0.00	28.13 -0.11 0.00	32.66 -0.23 0.00	35.60 -0.07 0.00	30.23 -0.09 0.00	26.82 0.00 0.00	27.48 0.00 0.14	29.16 -0.15 0.25	30.71 -0.12 0.36	33.54 -0.17 0.56	35.93 -0.30 0.70	38.53 -0.36 0.82	44.00 -0.36 0.65	57.69 -0.41 0.48	65.20 -0.53 0.34	62.67 -0.63 0.00	52.53 -0.53 0.00	49.12 -0.55 0.00	42.57 -0.56 0.00	36.58 -0.41 0.00
BETHLEHEM___GS2 323561	31.21 -0.44 0.00	28.79 -0.20 0.00	26.43 -0.11 0.00	25.32 -0.05 0.00	25.84 -0.13 0.00	28.13 -0.11 0.00	32.66 -0.23 0.00	35.60 -0.07 0.00	30.23 -0.09 0.00	26.82 0.00 0.00	27.48 0.00 0.14	29.16 -0.15 0.25	30.71 -0.12 0.36	33.54 -0.17 0.56	35.93 -0.30 0.70	38.53 -0.36 0.82	44.00 -0.36 0.65	57.69 -0.41 0.48	65.20 -0.53 0.34	62.67 -0.63 0.00	52.53 -0.53 0.00	49.12 -0.55 0.00	42.57 -0.56 0.00	36.58 -0.41 0.00
BETHLEHEM___GS3 323562	31.21 -0.44 0.00	28.79 -0.20 0.00	26.43 -0.11 0.00	25.32 -0.05 0.00	25.84 -0.13 0.00	28.13 -0.11 0.00	32.66 -0.23 0.00	35.60 -0.07 0.00	30.23 -0.09 0.00	26.82 0.00 0.00	27.48 0.00 0.14	29.16 -0.15 0.25	30.71 -0.12 0.36	33.54 -0.17 0.56	35.93 -0.30 0.70	38.53 -0.36 0.82	44.00 -0.36 0.65	57.69 -0.41 0.48	65.20 -0.53 0.34	62.67 -0.63 0.00	52.53 -0.53 0.00	49.12 -0.55 0.00	42.57 -0.56 0.00	36.58 -0.41 0.00
BETHLEHEM___STEEL 23779	32.92 1.27 0.00	29.92 0.93 0.00	27.36 0.82 0.00	26.16 0.79 0.00	26.75 0.78 0.00	28.92 0.68 0.00	32.83 -0.07 0.00	34.82 -0.86 0.00	30.39 0.06 0.00	26.63 -0.19 0.00	27.89 0.28 0.00	30.24 0.68 0.00	31.75 0.56 0.00	35.33 1.06 0.00	38.21 1.29 0.00	40.89 1.19 0.00	45.87 0.86 0.00	58.46 -0.12 0.00	66.40 0.33 0.00	63.30 0.00 0.00	54.07 1.01 0.00	50.80 1.14 0.00	44.60 1.47 0.00	37.91 0.92 0.00
BETHLHEM_115KV_TB1 79974	31.78 0.13 0.00	29.20 0.20 0.00	26.77 0.24 0.00	25.60 0.23 0.00	26.17 0.21 0.00	28.50 0.25 0.00	33.16 0.26 0.00	36.07 0.39 0.00	30.66 0.33 0.00	27.17 0.35 0.00	27.90 0.36 0.07	29.76 0.33 0.13	31.38 0.37 0.18	34.36 0.38 0.29	36.85 0.30 0.37	39.59 0.32 0.43	45.12 0.45 0.34	58.85 0.53 0.25	66.35 0.46 0.18	63.68 0.38 0.00	53.38 0.32 0.00	49.96 0.30 0.00	43.31 0.17 0.00	37.20 0.22 0.00
BETHPAGE_CC_5 323564	32.32 0.67 0.00	29.40 0.41 0.00	26.96 0.42 0.00	25.78 0.40 0.00	26.30 0.34 0.00	28.59 0.34 0.00	33.42 0.52 0.00	36.89 1.21 0.00	31.48 1.15 0.00	28.14 1.31 0.00	29.69 1.88 -0.20	32.00 2.07 -0.37	34.00 2.28 -0.53	37.57 2.47 -0.83	40.10 2.22 -0.96	42.66 1.83 -1.12	48.20 2.29 -0.89	62.05 2.81 -0.66	68.97 2.45 -0.46	64.95 1.64 0.00	53.70 0.64 0.00	50.10 0.45 0.01	43.39 0.26 0.01	38.57 1.59 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.92 1.27 0.00	29.92 0.93 0.00	27.33 0.80 0.00	26.16 0.79 0.00	26.75 0.78 0.00	28.92 0.68 0.00	32.86 -0.03 0.00	34.85 -0.82 0.00	30.42 0.09 0.00	26.66 -0.16 0.00	27.92 0.30 0.00	30.27 0.71 0.00	31.82 0.62 0.00	35.43 1.17 0.00	38.29 1.37 0.00	40.97 1.27 0.00	45.96 0.95 0.00	58.58 0.00 0.00	66.60 0.53 0.00	63.43 0.13 0.00	54.17 1.11 0.00	50.85 1.19 0.00	44.64 1.51 0.00	37.94 0.96 0.00
BINGHAMTON___COGEN 23790	31.97 0.32 0.00	29.23 0.23 0.00	26.75 0.21 0.00	25.58 0.20 0.00	26.17 0.21 0.00	28.44 0.20 0.00	33.02 0.13 0.00	35.67 0.00 0.00	30.51 0.18 0.00	26.88 0.05 0.00	27.81 0.19 0.00	29.82 0.27 0.00	31.47 0.28 0.00	34.71 0.45 0.00	37.37 0.44 0.00	40.06 0.36 0.00	45.42 0.41 0.00	58.87 0.29 0.00	66.60 0.53 0.00	63.81 0.51 0.00	53.64 0.58 0.00	50.21 0.55 0.00	43.61 0.47 0.00	37.24 0.26 0.00

BIXINCNT_115KV_LOAD 355685	32.79 1.14 0.00	29.81 0.81 0.00	27.20 0.66 0.00	26.08 0.71 0.00	26.69 0.73 0.00	28.90 0.65 0.00	32.93 0.03 0.00	34.96 -0.71 0.00	30.48 0.15 0.00	26.77 -0.05 0.00	28.03 0.41 0.00	30.36 0.80 0.00	31.97 0.78 0.00	35.57 1.30 0.00	38.44 1.51 0.00	41.09 1.39 0.00	46.18 1.17 0.00	58.81 0.23 0.00	66.79 0.73 0.00	63.62 0.32 0.00	54.33 1.27 0.00	50.85 1.19 0.00	44.52 1.38 0.00	37.87 0.89 0.00
BLACK RIVER___HYD 24047	33.20 1.55 0.00	30.33 1.33 0.00	27.67 1.14 0.00	26.49 1.12 0.00	27.21 1.25 0.00	29.63 1.38 0.00	34.47 1.58 0.00	37.17 1.50 0.00	31.23 0.91 0.00	27.28 0.46 0.00	27.97 0.36 0.00	29.85 0.30 0.00	31.32 0.13 0.00	34.51 0.24 0.00	37.22 0.29 0.00	40.06 0.36 0.00	45.46 0.45 0.00	60.40 1.82 0.00	69.04 2.98 0.00	67.04 3.73 0.00	56.24 3.18 0.00	52.39 2.73 0.00	45.46 2.33 0.00	38.68 1.70 0.00
BLACKRVR_115KV_TB2 79977	33.20 1.55 0.00	30.33 1.33 0.00	27.65 1.11 0.00	26.49 1.12 0.00	27.19 1.22 0.00	29.63 1.38 0.00	34.47 1.58 0.00	37.17 1.50 0.00	31.24 0.91 0.00	27.28 0.46 0.00	27.97 0.36 0.00	29.85 0.30 0.00	31.32 0.12 0.00	34.51 0.24 0.00	37.22 0.30 0.00	40.06 0.36 0.00	45.46 0.45 0.00	60.39 1.82 0.00	69.04 2.97 0.00	67.04 3.73 0.00	56.24 3.18 0.00	52.39 2.73 0.00	45.46 2.33 0.00	38.68 1.70 0.00
BLDWN_LI_69_KV_BK4 356085	32.47 0.82 0.00	29.57 0.58 0.00	27.20 0.66 0.00	25.88 0.51 0.00	26.43 0.47 0.00	28.76 0.51 0.00	33.62 0.72 0.00	37.10 1.43 0.00	31.63 1.30 0.00	28.24 1.42 0.00	29.80 1.99 -0.20	32.12 2.19 -0.37	34.13 2.40 -0.53	37.77 2.67 -0.83	40.47 2.58 -0.96	43.05 2.22 -1.12	48.60 2.70 -0.89	62.69 3.46 -0.66	69.70 3.17 -0.46	65.65 2.34 0.00	54.33 1.27 0.00	50.65 0.99 0.01	43.82 0.69 0.01	38.91 1.92 0.00
BLISS_WT_PWR 323608	32.76 1.11 0.00	29.80 0.81 0.00	27.25 0.72 0.00	26.06 0.69 0.00	26.72 0.75 0.00	28.87 0.62 0.00	32.93 0.03 0.00	34.92 -0.75 0.00	30.48 0.15 0.00	26.79 -0.03 0.00	28.03 0.41 0.00	30.36 0.80 0.00	31.97 0.78 0.00	35.57 1.30 0.00	38.44 1.51 0.00	41.13 1.43 0.00	46.18 1.17 0.00	58.76 0.18 0.00	66.80 0.73 0.00	63.69 0.38 0.00	54.33 1.27 0.00	50.80 1.14 0.00	44.56 1.42 0.00	37.83 0.85 0.00
BLUESTONE___WT_PWR 323821	33.61 1.96 0.00	30.70 1.71 0.00	28.05 1.51 0.00	26.84 1.47 0.00	27.58 1.61 0.00	30.00 1.75 0.00	34.93 2.04 0.00	37.78 2.10 0.00	31.99 1.67 0.00	27.92 1.10 0.00	28.77 1.13 -0.03	30.86 1.24 -0.06	32.49 1.22 -0.08	35.97 1.58 -0.12	38.59 1.66 0.00	41.61 1.91 0.00	47.31 2.29 0.00	62.44 3.87 0.00	71.09 5.02 0.00	68.24 4.94 0.00	57.20 4.14 0.00	53.43 3.77 0.00	46.28 3.15 0.00	39.35 2.37 0.00
BLUE_CIRC_CHEM_DRP 24182	31.81 0.16 0.00	29.26 0.26 0.00	26.85 0.32 0.00	25.68 0.30 0.00	26.25 0.29 0.00	28.59 0.34 0.00	33.19 0.30 0.00	36.03 0.36 0.00	30.51 0.18 0.00	26.98 0.16 0.00	27.67 0.14 0.08	29.47 0.06 0.14	31.05 0.06 0.21	34.02 0.07 0.32	36.51 0.00 0.41	39.22 0.00 0.48	44.76 0.14 0.38	58.59 0.29 0.28	66.33 0.46 0.20	63.68 0.38 0.00	53.48 0.42 0.00	50.01 0.35 0.00	43.39 0.26 0.00	37.24 0.26 0.00
BOC_GAS_DRP 24189	31.65 0.00 0.00	29.08 0.09 0.00	26.69 0.16 0.00	25.52 0.15 0.00	26.10 0.13 0.00	28.39 0.14 0.00	33.06 0.16 0.00	35.96 0.29 0.00	30.57 0.24 0.00	27.12 0.30 0.00	27.85 0.30 0.07	29.70 0.27 0.13	31.35 0.34 0.18	34.29 0.31 0.29	36.77 0.22 0.37	39.51 0.24 0.43	44.98 0.32 0.34	58.62 0.29 0.25	66.09 0.20 0.18	63.43 0.13 0.00	53.11 0.05 0.00	49.76 0.10 0.00	43.13 0.00 0.00	37.06 0.07 0.00
BOONVILLE_115KV_TB1 79983	32.54 0.89 0.00	29.78 0.78 0.00	27.20 0.66 0.00	26.03 0.66 0.00	26.69 0.73 0.00	29.07 0.82 0.00	33.85 0.95 0.00	36.64 0.96 0.00	30.96 0.64 0.00	27.20 0.38 0.00	27.94 0.33 0.00	29.85 0.30 0.00	31.41 0.22 0.00	34.58 0.31 0.00	37.33 0.41 0.00	40.18 0.48 0.00	45.64 0.63 0.00	60.10 1.52 0.00	68.18 2.11 0.00	65.58 2.28 0.00	54.97 1.91 0.00	51.20 1.54 0.00	44.34 1.21 0.00	37.87 0.89 0.00
BORALEX_4TH_BRANCH 23824	32.54 0.89 0.00	29.89 0.90 0.00	27.41 0.88 0.00	26.23 0.86 0.00	26.80 0.83 0.00	29.24 0.99 0.00	34.08 1.18 0.00	37.10 1.43 0.00	31.48 1.15 0.00	27.87 1.05 0.00	28.12 0.86 0.35	29.76 0.86 0.66	31.22 0.97 0.94	33.80 0.99 1.46	36.14 1.00 1.78	38.81 1.19 2.08	44.89 1.53 1.65	59.29 1.93 1.22	67.26 2.05 0.86	65.14 1.84 0.00	54.76 1.70 0.00	51.20 1.54 0.00	44.26 1.12 0.00	38.02 1.04 0.00
BOWLINE___1 23526	32.22 0.57 0.00	29.49 0.49 0.00	27.07 0.53 0.00	25.88 0.51 0.00	26.43 0.47 0.00	28.76 0.51 0.00	33.68 0.79 0.00	36.82 1.14 0.00	31.42 1.09 0.00	27.97 1.15 0.00	29.12 1.33 -0.18	31.25 1.36 -0.33	33.28 1.62 -0.47	36.62 1.61 -0.74	39.20 1.44 -0.84	42.08 1.39 -0.99	47.41 1.62 -0.78	60.97 1.82 -0.58	68.05 1.58 -0.40	64.63 1.33 0.00	53.75 0.69 0.00	50.36 0.69 0.00	43.69 0.56 0.00	37.72 0.74 0.00
BOWLINE___2 23595	32.22 0.57 0.00	29.46 0.46 0.00	27.04 0.50 0.00	25.85 0.48 0.00	26.43 0.47 0.00	28.76 0.51 0.00	33.68 0.79 0.00	36.82 1.14 0.00	31.39 1.06 0.00	27.97 1.15 0.00	29.09 1.30 -0.18	31.25 1.36 -0.33	33.25 1.59 -0.47	36.62 1.61 -0.74	39.24 1.48 -0.84	42.16 1.47 -0.99	47.46 1.67 -0.78	61.03 1.87 -0.58	68.19 1.71 -0.40	64.69 1.39 0.00	53.86 0.80 0.00	50.45 0.79 0.00	43.74 0.60 0.00	37.76 0.78 0.00
BRADY___115KV_TB2 356060	32.92 1.27 0.00	30.13 1.13 0.00	27.52 0.98 0.00	26.29 0.91 0.00	26.98 1.01 0.00	29.35 1.10 0.00	34.31 1.41 0.00	36.96 1.28 0.00	30.99 0.67 0.00	27.30 0.48 0.00	28.00 0.39 0.00	29.91 0.35 0.00	31.35 0.16 0.00	34.34 0.07 0.00	36.92 0.00 0.00	39.78 0.08 0.00	45.15 0.14 0.00	59.75 1.17 0.00	67.59 1.52 0.00	65.33 2.03 0.00	54.76 1.70 0.00	51.20 1.54 0.00	44.60 1.47 0.00	38.31 1.33 0.00
BRANSCOMB___SOLAR 323811	32.47 0.82 0.00	29.78 0.78 0.00	27.28 0.74 0.00	26.08 0.71 0.00	26.69 0.73 0.00	29.12 0.88 0.00	33.91 1.02 0.00	36.71 1.04 0.00	31.02 0.70 0.00	27.28 0.46 0.00	27.69 0.25 0.18	29.44 0.21 0.33	30.88 0.16 0.47	33.78 0.24 0.73	36.18 0.15 0.89	38.89 0.24 1.05	44.81 0.63 0.83	59.20 1.23 0.61	67.48 1.85 0.43	65.20 1.90 0.00	54.97 1.91 0.00	51.25 1.59 0.00	44.43 1.29 0.00	38.02 1.03 0.00
BRDGHMPT_69_KV_BK1 55812	31.97 0.32 0.00	29.05 0.06 0.00	26.77 0.24 0.00	25.42 0.05 0.00	25.94 -0.03 0.00	28.19 -0.06 0.00	32.66 -0.23 0.00	36.39 0.71 0.00	31.02 0.70 0.00	27.76 0.94 0.00	29.55 1.74 -0.20	31.91 1.98 -0.37	33.81 2.09 -0.53	37.77 2.67 -0.83	40.72 2.84 -0.96	43.41 2.58 -1.12	49.28 3.38 -0.89	63.82 4.57 -0.67	71.48 4.96 -0.46	67.23 3.92 0.00	55.55 2.49 0.00	51.54 1.89 0.01	44.42 1.29 0.01	39.68 2.70 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	32.44 0.79 0.00	29.52 0.52 0.00	27.17 0.64 0.00	25.85 0.48 0.00	26.41 0.44 0.00	28.70 0.45 0.00	33.48 0.59 0.00	37.10 1.43 0.00	31.60 1.27 0.00	28.19 1.37 0.00	29.86 2.04 -0.20	32.18 2.25 -0.37	34.13 2.40 -0.53	37.91 2.81 -0.83	40.58 2.70 -0.96	42.97 2.14 -1.12	48.56 2.66 -0.89	62.34 3.10 -0.66	69.30 2.77 -0.46	65.27 1.96 0.00	54.02 0.96 0.00	50.40 0.74 0.01	43.60 0.47 0.01	39.16 2.18 0.00
BRISTLHL_115KV_TB1 79998	31.18 -0.47 0.00	28.53 -0.46 0.00	26.08 -0.45 0.00	24.94 -0.43 0.00	25.53 -0.44 0.00	27.74 -0.51 0.00	32.27 -0.62 0.00	34.96 -0.71 0.00	29.78 -0.55 0.00	26.29 -0.54 0.00	27.09 -0.52 0.00	29.06 -0.50 0.00	30.63 -0.56 0.00	33.75 -0.51 0.00	36.41 -0.52 0.00	39.11 -0.60 0.00	44.29 -0.72 0.00	57.58 -1.00 0.00	65.08 -0.99 0.00	62.42 -0.89 0.00	52.32 -0.74 0.00	49.02 -0.65 0.00	42.62 -0.52 0.00	36.43 -0.55 0.00
BROOKHAVEN___DRP 24191	31.87 0.22 0.00	28.99 0.00 0.00	26.72 0.19 0.00	25.40 0.03 0.00	25.94 -0.03 0.00	28.19 -0.06 0.00	32.83 -0.07 0.00	36.46 0.78 0.00	31.08 0.76 0.00	27.73 0.91 0.00	29.42 1.60 -0.20	31.74 1.80 -0.37	33.60 1.87 -0.53	37.40 2.30 -0.83	40.10 2.22 -0.96	42.57 1.75 -1.12	48.24 2.34 -0.89	62.18 2.93 -0.67	69.17 2.64 -0.46	65.08 1.77 0.00	53.86 0.80 0.00	50.05 0.40 0.01	43.30 0.17 0.01	38.76 1.78 0.00
BROOKLYN_NAVY_YARD 23515	32.51 0.85 0.00	29.72 0.73 0.00	27.25 0.72 0.00	26.06 0.69 0.00	26.62 0.65 0.00	28.95 0.71 0.00	34.04 1.15 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.49 1.66 0.00	29.66 1.85 -0.20	31.85 1.92 -0.37	33.99 2.25 -0.55	37.43 2.33 -0.83	40.17 2.29 -0.96	43.17 2.34 -1.12	48.51 2.61 -0.89	62.22 2.99 -0.66	69.30 2.77 -0.46	65.65 2.34 0.00	54.28 1.22 0.00	51.05 1.39 0.00	44.39 1.25 0.00	38.31 1.33 0.00
BROOKLYN___ARMY_DRP 323595	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
BROOME_2_LFGE 323671	31.97 0.32 0.00	29.25 0.26 0.00	26.77 0.24 0.00	25.57 0.20 0.00	26.20 0.23 0.00	28.45 0.20 0.00	33.02 0.13 0.00	35.67 0.00 0.00	30.51 0.18 0.00	26.88 0.05 0.00	27.81 0.19 0.00	29.82 0.27 0.00	31.47 0.28 0.00	34.71 0.44 0.00	37.37 0.44 0.00	40.10 0.40 0.00	45.42 0.40 0.00	58.87 0.29 0.00	66.59 0.53 0.00	63.87 0.57 0.00	53.64 0.58 0.00	50.21 0.55 0.00	43.65 0.52 0.00	37.24 0.26 0.00
BROOME___LFGE 323600	31.97 0.32 0.00	29.25 0.26 0.00	26.77 0.24 0.00	25.57 0.20 0.00	26.20 0.23 0.00	28.45 0.20 0.00	33.02 0.13 0.00	35.67 0.00 0.00	30.51 0.18 0.00	26.88 0.05 0.00	27.81 0.19 0.00	29.82 0.27 0.00	31.47 0.28 0.00	34.71 0.44 0.00	37.37 0.44 0.00	40.10 0.40 0.00	45.42 0.40 0.00	58.87 0.29 0.00	66.59 0.53 0.00	63.87 0.57 0.00	53.64 0.58 0.00	50.21 0.55 0.00	43.65 0.52 0.00	37.24 0.26 0.00
BROWNFLS_115KV_TB 3_5 80003	32.85 1.20 0.00	30.04 1.04 0.00	27.41 0.88 0.00	26.21 0.84 0.00	26.90 0.93 0.00	29.26 1.02 0.00	34.18 1.28 0.00	36.89 1.21 0.00	30.99 0.67 0.00	27.20 0.38 0.00	27.92 0.30 0.00	29.74 0.18 0.00	31.10 -0.09 0.00	34.10 -0.17 0.00	36.74 -0.18 0.00	39.51 -0.20 0.00	44.88 -0.14 0.00	59.57 1.00 0.00	67.52 1.45 0.00	65.27 1.96 0.00	54.70 1.64 0.00	51.00 1.34 0.00	44.43 1.29 0.00	38.09 1.11 0.00
BROWNSV1_27_KV_LOAD 356125	32.85 1.20 0.00	30.01 1.01 0.00	27.54 1.01 0.00	26.29 0.91 0.00	26.88 0.91 0.00	29.21 0.96 0.00	34.34 1.45 0.00	37.64 1.96 0.00	32.15 1.82 0.00	28.70 1.88 0.00	29.94 2.13 -0.20	32.15 2.22 -0.37	34.30 2.56 -0.55	37.81 2.71 -0.83	40.58 2.70 -0.96	43.61 2.78 -1.12	49.05 3.15 -0.89	62.87 3.63 -0.66	70.03 3.50 -0.46	66.41 3.10 0.00	54.92 1.86 0.00	51.60 1.94 0.00	44.82 1.68 0.00	38.68 1.70 0.00
BURROWS___LYONSDAL 23803	32.63 0.98 0.00	29.84 0.84 0.00	27.25 0.72 0.00	26.08 0.71 0.00	26.75 0.78 0.00	29.12 0.88 0.00	33.91 1.02 0.00	36.71 1.03 0.00	30.99 0.67 0.00	27.20 0.38 0.00	27.92 0.30 0.00	29.82 0.27 0.00	31.38 0.19 0.00	34.54 0.27 0.00	37.25 0.33 0.00	40.10 0.40 0.00	45.55 0.54 0.00	60.04 1.46 0.00	68.18 2.11 0.00	65.71 2.41 0.00	55.08 2.02 0.00	51.20 1.54 0.00	44.39 1.25 0.00	37.87 0.89 0.00
CAITHNESS_CC_1 323624	31.94 0.28 0.00	29.02 0.03 0.00	26.61 0.08 0.00	25.45 0.08 0.00	25.97 0.00 0.00	28.25 0.00 0.00	32.86 -0.03 0.00	36.53 0.85 0.00	31.11 0.79 0.00	27.79 0.96 0.00	29.44 1.63 -0.20	31.77 1.83 -0.37	33.63 1.90 -0.53	37.43 2.33 -0.83	39.98 2.10 -0.96	42.46 1.63 -1.12	48.20 2.29 -0.89	62.06 2.81 -0.67	69.04 2.51 -0.46	64.95 1.64 0.00	53.70 0.64 0.00	49.95 0.30 0.01	43.21 0.09 0.01	38.68 1.70 0.00
CALPINE BETH_PAGE_GT4 24209	32.38 0.73 0.00	29.49 0.49 0.00	27.12 0.58 0.00	25.83 0.46 0.00	26.38 0.42 0.00	28.67 0.42 0.00	33.52 0.62 0.00	36.99 1.32 0.00	31.57 1.24 0.00	28.19 1.37 0.00	29.75 1.93 -0.20	32.06 2.13 -0.37	34.06 2.34 -0.53	37.60 2.50 -0.83	40.24 2.36 -0.96	42.77 1.95 -1.12	48.24 2.34 -0.89	62.17 2.93 -0.66	69.11 2.58 -0.46	65.08 1.77 0.00	53.86 0.80 0.00	50.20 0.55 0.01	43.47 0.35 0.01	38.65 1.66 0.00
CALPINE_BETH_PAGE_GT_4 323586	32.38 0.73 0.00	29.49 0.49 0.00	27.01 0.48 0.00	25.83 0.46 0.00	26.36 0.39 0.00	28.67 0.42 0.00	33.48 0.59 0.00	36.99 1.32 0.00	31.57 1.24 0.00	28.19 1.37 0.00	29.75 1.93 -0.20	32.06 2.13 -0.37	34.07 2.34 -0.53	37.60 2.50 -0.83	40.13 2.25 -0.96	42.69 1.87 -1.12	48.24 2.34 -0.89	62.17 2.93 -0.66	69.10 2.57 -0.46	65.07 1.77 0.00	53.80 0.74 0.00	50.20 0.55 0.01	43.43 0.30 0.01	38.61 1.63 0.00
CALPINE_BP_GT1 23823	32.38 0.73 0.00	29.49 0.49 0.00	27.01 0.48 0.00	25.83 0.46 0.00	26.36 0.39 0.00	28.67 0.42 0.00	33.48 0.59 0.00	36.99 1.32 0.00	31.57 1.24 0.00	28.19 1.37 0.00	29.75 1.93 -0.20	32.06 2.13 -0.37	34.07 2.34 -0.53	37.60 2.50 -0.83	40.13 2.25 -0.96	42.69 1.87 -1.12	48.24 2.34 -0.89	62.17 2.93 -0.66	69.10 2.57 -0.46	65.07 1.77 0.00	53.80 0.74 0.00	50.20 0.55 0.01	43.43 0.30 0.01	38.61 1.63 0.00
CALSPAN___DRP 24200	32.92 1.27 0.00	29.92 0.93 0.00	27.36 0.82 0.00	26.16 0.79 0.00	26.75 0.78 0.00	28.92 0.68 0.00	32.83 -0.07 0.00	34.82 -0.86 0.00	30.39 0.06 0.00	26.63 -0.19 0.00	27.89 0.28 0.00	30.24 0.68 0.00	31.75 0.56 0.00	35.33 1.06 0.00	38.21 1.29 0.00	40.89 1.19 0.00	45.87 0.86 0.00	58.46 -0.12 0.00	66.40 0.33 0.00	63.30 0.00 0.00	54.07 1.01 0.00	50.80 1.14 0.00	44.60 1.47 0.00	37.91 0.92 0.00

CALVERTON___SOLAR 323806	31.87 0.22 0.00	28.97 -0.03 0.00	26.56 0.03 0.00	25.37 0.00 0.00	25.91 -0.05 0.00	28.16 -0.08 0.00	32.76 -0.13 0.00	36.42 0.75 0.00	31.05 0.73 0.00	27.71 0.88 0.00	29.39 1.57 -0.20	31.71 1.77 -0.37	33.56 1.84 -0.53	37.43 2.33 -0.83	40.02 2.14 -0.96	42.53 1.71 -1.12	48.33 2.43 -0.89	62.35 3.10 -0.67	69.43 2.90 -0.46	65.27 1.96 0.00	53.96 0.90 0.00	50.20 0.55 0.01	43.34 0.22 0.01	38.76 1.78 0.00
CANDIGU_WT_PWR 323617	32.47 0.82 0.00	29.63 0.64 0.00	27.12 0.58 0.00	25.88 0.51 0.00	26.54 0.57 0.00	28.73 0.48 0.00	33.06 0.17 0.00	35.28 -0.39 0.00	30.27 -0.06 0.00	26.53 -0.29 0.00	27.61 0.00 0.00	29.82 0.27 0.00	31.41 0.22 0.00	34.81 0.55 0.00	37.59 0.67 0.00	40.26 0.56 0.00	45.42 0.40 0.00	58.52 -0.06 0.00	66.53 0.47 0.00	63.94 0.63 0.00	54.12 1.06 0.00	50.71 1.04 0.00	44.25 1.12 0.00	37.65 0.67 0.00
CARR STREET_E_SYR 24060	31.37 -0.29 0.00	28.70 -0.29 0.00	26.24 -0.29 0.00	25.07 -0.30 0.00	25.66 -0.31 0.00	27.91 -0.34 0.00	32.43 -0.46 0.00	35.14 -0.53 0.00	29.96 -0.36 0.00	26.45 -0.38 0.00	27.28 -0.33 0.00	29.26 -0.30 0.00	30.85 -0.34 0.00	33.99 -0.28 0.00	36.70 -0.22 0.00	39.27 -0.44 0.00	44.52 -0.49 0.00	57.88 -0.70 0.00	65.41 -0.66 0.00	62.67 -0.63 0.00	52.58 -0.48 0.00	49.21 -0.45 0.00	42.75 -0.39 0.00	36.61 -0.37 0.00
CARTHAGE___PAPER 23857	33.08 1.43 0.00	30.24 1.25 0.00	27.60 1.06 0.00	26.39 1.02 0.00	27.11 1.14 0.00	29.52 1.27 0.00	34.41 1.51 0.00	37.10 1.43 0.00	31.17 0.85 0.00	27.25 0.43 0.00	27.95 0.33 0.00	29.79 0.24 0.00	31.25 0.06 0.00	34.41 0.14 0.00	37.07 0.15 0.00	39.90 0.20 0.00	45.28 0.27 0.00	60.16 1.58 0.00	68.64 2.57 0.00	66.53 3.23 0.00	55.82 2.76 0.00	51.95 2.29 0.00	45.08 1.94 0.00	38.42 1.44 0.00
CASSADAGA_WT_PWR 323784	33.42 1.77 0.00	30.44 1.45 0.00	27.89 1.35 0.00	26.59 1.22 0.00	27.29 1.32 0.00	29.52 1.27 0.00	33.88 0.99 0.00	35.96 0.28 0.00	31.36 1.03 0.00	27.46 0.64 0.00	28.75 1.13 0.00	31.12 1.57 0.00	32.75 1.56 0.00	36.46 2.20 0.00	39.36 2.44 0.00	42.17 2.46 0.00	47.31 2.29 0.00	59.98 1.40 0.00	68.24 2.18 0.00	65.14 1.84 0.00	55.66 2.60 0.00	52.09 2.43 0.00	45.72 2.59 0.00	38.72 1.74 0.00
CE_DUNWOOD___DRP 24194	32.41 0.76 0.00	29.63 0.64 0.00	27.22 0.69 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.90 0.65 0.00	33.88 0.99 0.00	37.07 1.39 0.00	31.63 1.30 0.00	28.19 1.37 0.00	29.36 1.55 -0.20	31.52 1.60 -0.37	33.62 1.90 -0.53	37.05 1.95 -0.82	39.75 1.88 -0.95	42.72 1.91 -1.11	48.05 2.16 -0.88	61.75 2.52 -0.65	68.84 2.31 -0.46	65.33 2.03 0.00	54.23 1.17 0.00	50.85 1.19 0.00	44.13 0.99 0.00	38.09 1.11 0.00
CE_MILLWOOD___DRP 24193	32.35 0.70 0.00	29.57 0.58 0.00	27.17 0.64 0.00	25.96 0.58 0.00	26.54 0.57 0.00	28.84 0.59 0.00	33.81 0.92 0.00	36.99 1.32 0.00	31.54 1.21 0.00	28.11 1.29 0.00	29.27 1.46 -0.20	31.43 1.51 -0.36	33.49 1.78 -0.52	36.89 1.82 -0.81	39.59 1.74 -0.93	42.54 1.75 -1.09	47.90 2.03 -0.87	61.50 2.28 -0.64	68.69 2.18 -0.45	65.14 1.84 0.00	54.12 1.06 0.00	50.75 1.09 0.00	44.04 0.91 0.00	37.98 1.00 0.00
CE_NYC2_DRP 24202	32.66 1.01 0.00	29.84 0.84 0.00	27.38 0.85 0.00	26.08 0.71 0.00	26.67 0.70 0.00	28.90 0.65 0.00	33.98 1.09 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.54 1.72 0.00	29.80 1.99 -0.20	32.00 2.07 -0.37	34.14 2.40 -0.55	37.60 2.50 -0.83	40.39 2.51 -0.96	43.37 2.54 -1.12	48.65 2.75 -0.89	61.87 2.64 -0.66	68.91 2.38 -0.46	65.33 2.03 0.00	54.07 1.01 0.00	50.80 1.14 0.00	44.34 1.21 0.00	38.46 1.48 0.00
CE_NYC_DRP 24195	32.63 0.98 0.00	29.81 0.81 0.00	27.38 0.85 0.00	26.13 0.76 0.00	26.72 0.75 0.00	29.07 0.82 0.00	34.14 1.25 0.00	37.42 1.75 0.00	31.96 1.64 0.00	28.54 1.72 0.00	29.75 1.93 -0.20	31.94 2.01 -0.37	34.08 2.34 -0.55	37.53 2.43 -0.83	40.28 2.40 -0.96	43.29 2.46 -1.12	48.69 2.79 -0.89	62.40 3.16 -0.66	69.50 2.97 -0.46	65.84 2.53 0.00	54.49 1.43 0.00	51.20 1.54 0.00	44.52 1.38 0.00	38.42 1.44 0.00
CHAFFEE___LFGE 323603	32.95 1.30 0.00	29.98 0.99 0.00	27.46 0.93 0.00	26.18 0.81 0.00	26.82 0.86 0.00	28.95 0.71 0.00	32.93 0.03 0.00	34.89 -0.79 0.00	30.45 0.12 0.00	26.69 -0.13 0.00	27.95 0.33 0.00	30.30 0.74 0.00	31.85 0.66 0.00	35.47 1.20 0.00	38.36 1.44 0.00	41.05 1.35 0.00	46.05 1.04 0.00	58.70 0.12 0.00	66.73 0.66 0.00	63.62 0.32 0.00	54.28 1.22 0.00	50.95 1.29 0.00	44.77 1.64 0.00	38.02 1.03 0.00
CHATEAUG_35_KV_LOAD 355732	32.51 0.85 0.00	29.78 0.78 0.00	27.20 0.66 0.00	26.01 0.63 0.00	26.67 0.70 0.00	29.01 0.76 0.00	33.85 0.95 0.00	36.57 0.89 0.00	30.81 0.49 0.00	27.20 0.38 0.00	27.94 0.33 0.00	29.91 0.35 0.00	31.47 0.28 0.00	34.51 0.24 0.00	37.14 0.22 0.00	39.98 0.28 0.00	45.33 0.32 0.00	59.69 1.11 0.00	67.45 1.39 0.00	64.82 1.52 0.00	54.33 1.27 0.00	50.75 1.09 0.00	44.08 0.95 0.00	37.83 0.85 0.00
CHATEAUG_WT_PWR 323614	32.44 0.79 0.00	29.72 0.73 0.00	27.17 0.64 0.00	25.96 0.58 0.00	26.64 0.67 0.00	28.95 0.71 0.00	33.81 0.92 0.00	36.57 0.89 0.00	30.87 0.55 0.00	27.25 0.43 0.00	28.00 0.39 0.00	30.00 0.44 0.00	31.57 0.38 0.00	34.61 0.34 0.00	37.22 0.29 0.00	40.06 0.36 0.00	45.42 0.40 0.00	59.69 1.11 0.00	67.39 1.32 0.00	64.69 1.39 0.00	54.23 1.17 0.00	50.65 0.99 0.00	44.04 0.91 0.00	37.76 0.78 0.00
CHAT_HIGH_FALL_HYD 323578	32.51 0.85 0.00	29.78 0.78 0.00	27.20 0.66 0.00	26.01 0.63 0.00	26.67 0.70 0.00	29.01 0.76 0.00	33.85 0.95 0.00	36.57 0.89 0.00	30.81 0.49 0.00	27.20 0.38 0.00	27.94 0.33 0.00	29.91 0.35 0.00	31.47 0.28 0.00	34.51 0.24 0.00	37.14 0.22 0.00	39.98 0.28 0.00	45.33 0.32 0.00	59.69 1.11 0.00	67.45 1.39 0.00	64.82 1.52 0.00	54.33 1.27 0.00	50.75 1.09 0.00	44.08 0.95 0.00	37.83 0.85 0.00
CHAUTAUQUA___LFGE 323629	33.20 1.55 0.00	30.21 1.22 0.00	27.67 1.14 0.00	26.41 1.04 0.00	27.08 1.12 0.00	29.26 1.02 0.00	33.35 0.46 0.00	35.35 -0.32 0.00	30.81 0.48 0.00	27.01 0.19 0.00	28.27 0.66 0.00	30.62 1.06 0.00	32.19 1.00 0.00	35.77 1.51 0.00	38.69 1.77 0.00	41.41 1.71 0.00	46.45 1.44 0.00	59.28 0.71 0.00	67.39 1.32 0.00	64.38 1.08 0.00	55.02 1.96 0.00	51.55 1.89 0.00	45.25 2.11 0.00	38.35 1.37 0.00
CHERRYST_13_KV_LD 356241	32.70 1.04 0.00	29.89 0.90 0.00	27.44 0.90 0.00	26.21 0.84 0.00	26.80 0.83 0.00	29.12 0.88 0.00	34.24 1.35 0.00	37.53 1.86 0.00	32.08 1.76 0.00	28.65 1.82 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.23 2.50 -0.55	37.71 2.60 -0.83	40.46 2.58 -0.96	43.49 2.66 -1.12	48.87 2.97 -0.89	62.63 3.40 -0.66	69.77 3.24 -0.46	66.09 2.79 0.00	54.65 1.59 0.00	51.35 1.69 0.00	44.64 1.51 0.00	38.54 1.55 0.00

CHESTROR_138KV_BK263 355645	32.09 0.44 0.00	29.37 0.38 0.00	26.96 0.42 0.00	25.75 0.38 0.00	26.33 0.36 0.00	28.67 0.42 0.00	33.52 0.62 0.00	36.57 0.89 0.00	31.14 0.82 0.00	27.71 0.89 0.00	28.76 0.99 -0.15	30.85 1.00 -0.28	32.84 1.25 -0.40	36.13 1.23 -0.63	38.74 1.11 -0.71	41.69 1.15 -0.84	47.03 1.35 -0.66	60.59 1.52 -0.49	67.86 1.45 -0.34	64.57 1.27 0.00	53.80 0.74 0.00	50.36 0.70 0.00	43.70 0.56 0.00	37.61 0.63 0.00
CH_MIDHUDSON___DRP 24192	32.28 0.63 0.00	29.55 0.55 0.00	27.14 0.61 0.00	25.96 0.58 0.00	26.51 0.55 0.00	28.84 0.59 0.00	33.75 0.86 0.00	36.85 1.18 0.00	31.39 1.06 0.00	27.92 1.10 0.00	28.97 1.21 -0.15	31.04 1.21 -0.27	33.05 1.47 -0.39	36.39 1.51 -0.61	39.05 1.44 -0.69	42.02 1.51 -0.81	47.45 1.80 -0.64	61.22 2.17 -0.47	68.45 2.05 -0.33	65.08 1.77 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.00 0.86 0.00	37.91 0.92 0.00
CH_MISC_IPPS 23765	32.44 0.79 0.00	29.69 0.69 0.00	27.25 0.72 0.00	26.06 0.69 0.00	26.62 0.65 0.00	28.98 0.73 0.00	33.88 0.99 0.00	36.99 1.32 0.00	31.51 1.18 0.00	28.00 1.18 0.00	29.07 1.30 -0.16	31.15 1.30 -0.29	33.20 1.59 -0.42	36.56 1.64 -0.65	39.25 1.59 -0.74	42.28 1.71 -0.87	47.73 2.03 -0.69	61.61 2.52 -0.51	69.00 2.57 -0.36	65.52 2.21 0.00	54.54 1.48 0.00	51.05 1.39 0.00	44.25 1.12 0.00	38.13 1.15 0.00
CH_RES_BVR_FALLS 23983	31.75 0.10 0.00	29.11 0.12 0.00	26.64 0.11 0.00	25.47 0.10 0.00	26.07 0.10 0.00	28.36 0.11 0.00	33.06 0.17 0.00	35.82 0.14 0.00	30.39 0.06 0.00	26.85 0.03 0.00	27.61 0.00 0.00	29.56 0.00 0.00	31.16 -0.03 0.00	34.20 -0.07 0.00	36.85 -0.07 0.00	39.62 -0.08 0.00	44.92 -0.09 0.00	58.70 0.12 0.00	66.13 0.07 0.00	63.43 0.13 0.00	53.17 0.11 0.00	49.71 0.05 0.00	43.22 0.09 0.00	37.09 0.11 0.00
CH_RES_NIAGARA 23895	32.00 0.35 0.00	29.11 0.12 0.00	26.61 0.08 0.00	25.45 0.08 0.00	26.02 0.05 0.00	28.08 -0.17 0.00	31.97 -0.92 0.00	33.71 -1.96 0.00	29.51 -0.82 0.00	25.88 -0.94 0.00	27.09 -0.52 0.00	29.35 -0.21 0.00	30.75 -0.44 0.00	34.20 -0.07 0.00	37.00 0.07 0.00	39.54 -0.16 0.00	44.29 -0.72 0.00	56.35 -2.23 0.00	63.89 -2.18 0.00	60.96 -2.34 0.00	52.16 -0.90 0.00	49.21 -0.45 0.00	43.31 0.17 0.00	36.76 -0.22 0.00
CH_RES_SYRACUSE 23985	31.53 -0.13 0.00	28.85 -0.14 0.00	26.38 -0.16 0.00	25.20 -0.18 0.00	25.81 -0.15 0.00	28.05 -0.20 0.00	32.63 -0.26 0.00	35.32 -0.36 0.00	30.11 -0.21 0.00	26.55 -0.27 0.00	27.39 -0.22 0.00	29.38 -0.18 0.00	30.97 -0.22 0.00	34.13 -0.14 0.00	36.85 -0.07 0.00	39.55 -0.16 0.00	44.83 -0.18 0.00	58.35 -0.23 0.00	65.94 -0.13 0.00	63.24 -0.06 0.00	53.01 -0.05 0.00	49.61 -0.05 0.00	43.09 -0.04 0.00	36.80 -0.18 0.00
CLINTON_WT_PWR 323605	32.44 0.79 0.00	29.72 0.73 0.00	27.17 0.64 0.00	25.96 0.58 0.00	26.64 0.67 0.00	28.95 0.71 0.00	33.81 0.92 0.00	36.57 0.89 0.00	30.87 0.55 0.00	27.25 0.43 0.00	28.00 0.39 0.00	30.00 0.44 0.00	31.57 0.38 0.00	34.61 0.34 0.00	37.22 0.29 0.00	40.06 0.36 0.00	45.42 0.40 0.00	59.69 1.11 0.00	67.39 1.32 0.00	64.69 1.39 0.00	54.23 1.17 0.00	50.65 0.99 0.00	44.04 0.91 0.00	37.76 0.78 0.00
CLINTON___LFGE 323618	32.95 1.30 0.00	30.18 1.19 0.00	27.57 1.03 0.00	26.34 0.96 0.00	27.06 1.09 0.00	29.41 1.16 0.00	34.37 1.48 0.00	37.14 1.46 0.00	31.27 0.94 0.00	27.60 0.78 0.00	28.33 0.72 0.00	30.36 0.80 0.00	31.94 0.75 0.00	35.06 0.79 0.00	37.66 0.74 0.00	40.54 0.84 0.00	46.00 0.99 0.00	60.75 2.17 0.00	68.58 2.51 0.00	65.90 2.60 0.00	55.24 2.18 0.00	51.50 1.84 0.00	44.77 1.64 0.00	38.39 1.40 0.00
COBBLENY_34_KV_TB1 80064	32.95 1.30 0.00	29.95 0.96 0.00	27.38 0.85 0.00	26.18 0.81 0.00	26.77 0.80 0.00	28.95 0.71 0.00	32.89 0.00 0.00	34.89 -0.78 0.00	30.45 0.12 0.00	26.69 -0.13 0.00	27.94 0.33 0.00	30.30 0.74 0.00	31.85 0.66 0.00	35.47 1.20 0.00	38.36 1.44 0.00	41.05 1.35 0.00	46.05 1.04 0.00	58.70 0.12 0.00	66.73 0.66 0.00	63.56 0.25 0.00	54.28 1.22 0.00	50.95 1.29 0.00	44.69 1.55 0.00	37.98 1.00 0.00
COFFEEN___115KV_TB3 355620	33.39 1.74 0.00	30.47 1.48 0.00	27.78 1.25 0.00	26.62 1.24 0.00	27.34 1.38 0.00	29.77 1.53 0.00	34.64 1.74 0.00	37.35 1.68 0.00	31.36 1.03 0.00	27.36 0.54 0.00	28.03 0.41 0.00	29.91 0.35 0.00	31.38 0.19 0.00	34.58 0.31 0.00	37.29 0.37 0.00	40.18 0.48 0.00	45.60 0.59 0.00	60.63 2.05 0.00	69.44 3.37 0.00	67.48 4.18 0.00	56.67 3.61 0.00	52.84 3.18 0.00	45.77 2.63 0.00	38.94 1.96 0.00
COLDSPRG_115KV_BK1 355956	33.33 1.68 0.00	30.30 1.30 0.00	27.70 1.17 0.00	26.51 1.14 0.00	27.14 1.17 0.00	29.43 1.19 0.00	33.91 1.02 0.00	36.03 0.36 0.00	31.39 1.06 0.00	27.47 0.64 0.00	28.77 1.16 0.00	31.15 1.60 0.00	32.78 1.59 0.00	36.50 2.23 0.00	39.40 2.47 0.00	42.17 2.46 0.00	47.40 2.39 0.00	59.87 1.29 0.00	68.12 2.05 0.00	64.95 1.65 0.00	55.50 2.44 0.00	51.90 2.23 0.00	45.42 2.29 0.00	38.54 1.55 0.00
COLONIE_LFGE___ 323577	32.19 0.54 0.00	29.54 0.55 0.00	27.09 0.56 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.90 0.65 0.00	33.62 0.72 0.00	36.57 0.89 0.00	30.99 0.67 0.00	27.41 0.59 0.00	27.87 0.47 0.21	29.62 0.44 0.39	31.13 0.50 0.55	33.92 0.51 0.86	36.31 0.44 1.06	39.02 0.56 1.24	44.88 0.85 0.98	59.02 1.17 0.73	66.95 1.39 0.51	64.57 1.27 0.00	54.23 1.17 0.00	50.65 0.99 0.00	43.87 0.73 0.00	37.65 0.67 0.00
COOPERNY_115KV_TB1 80082	32.00 0.35 0.00	29.28 0.29 0.00	26.85 0.32 0.00	25.65 0.28 0.00	26.23 0.26 0.00	28.56 0.31 0.00	33.35 0.46 0.00	36.28 0.61 0.00	30.93 0.61 0.00	27.47 0.64 0.00	28.46 0.75 -0.10	30.52 0.77 -0.19	32.37 0.90 -0.28	35.63 0.93 -0.43	38.17 0.78 -0.47	41.05 0.79 -0.55	46.39 0.95 -0.44	60.02 1.11 -0.32	67.35 1.06 -0.23	64.19 0.89 0.00	53.59 0.53 0.00	50.16 0.50 0.00	43.52 0.39 0.00	37.43 0.44 0.00
COPENHAGEN_WT_PWR 323753	33.01 1.36 0.00	30.16 1.16 0.00	27.52 0.98 0.00	26.34 0.96 0.00	27.03 1.07 0.00	29.43 1.19 0.00	34.27 1.38 0.00	36.96 1.28 0.00	31.08 0.76 0.00	27.17 0.35 0.00	27.86 0.25 0.00	29.77 0.21 0.00	31.25 0.06 0.00	34.44 0.17 0.00	37.14 0.22 0.00	39.98 0.28 0.00	45.33 0.32 0.00	60.10 1.52 0.00	68.64 2.57 0.00	66.53 3.23 0.00	55.82 2.76 0.00	52.04 2.38 0.00	45.16 2.03 0.00	38.46 1.48 0.00
CORNELL_____ 23752	32.16 0.51 0.00	29.40 0.41 0.00	26.85 0.32 0.00	25.68 0.30 0.00	26.28 0.31 0.00	28.59 0.34 0.00	33.25 0.36 0.00	35.96 0.29 0.00	30.60 0.27 0.00	26.90 0.08 0.00	27.72 0.11 0.00	29.71 0.15 0.00	31.35 0.16 0.00	34.54 0.27 0.00	37.22 0.30 0.00	39.98 0.28 0.00	45.42 0.41 0.00	59.22 0.64 0.00	67.19 1.12 0.00	64.63 1.33 0.00	54.17 1.11 0.00	50.70 1.04 0.00	44.00 0.86 0.00	37.54 0.55 0.00

CORONA__69_KV_TB1 355595	32.54 0.89 0.00	29.63 0.64 0.00	27.20 0.66 0.00	25.96 0.58 0.00	26.51 0.55 0.00	28.81 0.56 0.00	33.68 0.79 0.00	37.14 1.46 0.00	31.66 1.33 0.00	28.27 1.45 0.00	29.83 2.02 -0.20	32.15 2.22 -0.37	34.16 2.43 -0.53	37.77 2.67 -0.83	40.50 2.62 -0.96	43.13 2.30 -1.12	48.65 2.75 -0.89	62.75 3.51 -0.66	69.77 3.24 -0.46	65.77 2.47 0.00	54.49 1.43 0.00	50.80 1.14 0.01	43.99 0.86 0.01	38.91 1.92 0.00
CORTLAND__115KV_TB3 80093	31.94 0.28 0.00	29.20 0.20 0.00	26.69 0.16 0.00	25.52 0.15 0.00	26.15 0.18 0.00	28.42 0.17 0.00	33.06 0.16 0.00	35.78 0.11 0.00	30.48 0.15 0.00	26.85 0.03 0.00	27.67 0.06 0.00	29.68 0.12 0.00	31.28 0.09 0.00	34.47 0.21 0.00	37.14 0.22 0.00	39.90 0.20 0.00	45.28 0.27 0.00	58.93 0.35 0.00	66.73 0.66 0.00	64.06 0.76 0.00	53.75 0.69 0.00	50.31 0.65 0.00	43.65 0.52 0.00	37.28 0.30 0.00
COXSACKIE__GT 23611	32.54 0.88 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.26 0.89 0.00	26.82 0.86 0.00	29.29 1.05 0.00	34.01 1.12 0.00	36.78 1.11 0.00	30.99 0.67 0.00	27.25 0.43 0.00	28.06 0.50 0.05	29.81 0.36 0.10	31.48 0.44 0.14	34.52 0.48 0.23	37.14 0.52 0.30	40.11 0.75 0.35	45.95 1.22 0.28	60.78 2.40 0.21	69.16 3.24 0.14	66.02 2.72 0.00	55.55 2.49 0.00	51.70 2.04 0.00	44.77 1.64 0.00	38.31 1.33 0.00
CPV_VALLEY__CC1 323721	31.90 0.25 0.00	29.23 0.23 0.00	26.80 0.27 0.00	25.63 0.25 0.00	26.20 0.23 0.00	28.50 0.25 0.00	33.32 0.43 0.00	36.32 0.64 0.00	30.96 0.64 0.00	27.55 0.72 0.00	28.57 0.83 -0.13	30.63 0.83 -0.24	32.56 1.03 -0.35	35.80 0.99 -0.54	38.37 0.85 -0.60	41.24 0.84 -0.70	46.56 0.99 -0.56	60.10 1.11 -0.41	67.28 0.92 -0.29	64.07 0.76 0.00	53.43 0.37 0.00	50.01 0.35 0.00	43.40 0.26 0.00	37.35 0.37 0.00
CPV_VALLEY__CC2 323722	31.90 0.25 0.00	29.23 0.23 0.00	26.80 0.27 0.00	25.63 0.25 0.00	26.20 0.23 0.00	28.50 0.25 0.00	33.32 0.43 0.00	36.32 0.64 0.00	30.96 0.64 0.00	27.55 0.72 0.00	28.57 0.83 -0.13	30.63 0.83 -0.24	32.56 1.03 -0.35	35.80 0.99 -0.54	38.37 0.85 -0.60	41.24 0.84 -0.70	46.56 0.99 -0.56	60.10 1.11 -0.41	67.28 0.92 -0.29	64.07 0.76 0.00	53.43 0.37 0.00	50.01 0.35 0.00	43.40 0.26 0.00	37.35 0.37 0.00
CRESCENT__HYD 24018	32.19 0.54 0.00	29.54 0.55 0.00	27.09 0.56 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.90 0.65 0.00	33.62 0.72 0.00	36.57 0.89 0.00	30.99 0.67 0.00	27.41 0.59 0.00	27.87 0.47 0.21	29.62 0.44 0.39	31.13 0.50 0.55	33.92 0.51 0.86	36.31 0.44 1.06	39.02 0.56 1.24	44.88 0.85 0.98	59.02 1.17 0.73	66.95 1.39 0.51	64.57 1.27 0.00	54.23 1.17 0.00	50.65 0.99 0.00	43.87 0.73 0.00	37.65 0.67 0.00
CRICKET__VALLEY_CC1 323756	31.87 0.22 0.00	29.20 0.20 0.00	26.85 0.32 0.00	25.73 0.36 0.00	26.25 0.29 0.00	28.53 0.28 0.00	33.35 0.46 0.00	36.46 0.78 0.00	31.02 0.70 0.00	27.63 0.80 0.00	26.17 0.86 2.30	26.15 0.86 4.27	26.14 1.06 6.11	25.80 1.06 9.53	26.42 0.92 11.42	27.23 0.91 13.39	35.52 1.13 10.62	51.91 1.17 7.84	61.50 0.92 5.49	64.00 0.70 0.00	53.43 0.37 0.00	50.06 0.40 0.00	43.35 0.22 0.00	37.35 0.37 0.00
CRICKET__VALLEY_CC2 323757	31.87 0.22 0.00	29.20 0.20 0.00	26.85 0.32 0.00	25.73 0.36 0.00	26.25 0.29 0.00	28.53 0.28 0.00	33.35 0.46 0.00	36.46 0.78 0.00	31.02 0.70 0.00	27.63 0.80 0.00	26.17 0.86 2.30	26.15 0.86 4.27	26.14 1.06 6.11	25.80 1.06 9.53	26.42 0.92 11.42	27.23 0.91 13.39	35.52 1.13 10.62	51.91 1.17 7.84	61.50 0.92 5.49	64.00 0.70 0.00	53.43 0.37 0.00	50.06 0.40 0.00	43.35 0.22 0.00	37.35 0.37 0.00
CRICKET__VALLEY_CC3 323758	31.87 0.22 0.00	29.20 0.20 0.00	26.85 0.32 0.00	25.73 0.36 0.00	26.25 0.29 0.00	28.53 0.28 0.00	33.35 0.46 0.00	36.46 0.78 0.00	31.02 0.70 0.00	27.63 0.80 0.00	26.17 0.86 2.30	26.15 0.86 4.27	26.14 1.06 6.11	25.80 1.06 9.53	26.42 0.92 11.42	27.23 0.91 13.39	35.52 1.13 10.62	51.91 1.17 7.84	61.50 0.92 5.49	64.00 0.70 0.00	53.43 0.37 0.00	50.06 0.40 0.00	43.35 0.22 0.00	37.35 0.37 0.00
CRUCIBLE__METL_DRP 24180	31.52 -0.13 0.00	28.85 -0.14 0.00	26.35 -0.19 0.00	25.19 -0.18 0.00	25.79 -0.18 0.00	28.05 -0.20 0.00	32.63 -0.26 0.00	35.32 -0.36 0.00	30.11 -0.21 0.00	26.55 -0.27 0.00	27.39 -0.22 0.00	29.38 -0.18 0.00	30.97 -0.22 0.00	34.13 -0.14 0.00	36.85 -0.07 0.00	39.54 -0.16 0.00	44.83 -0.18 0.00	58.34 -0.23 0.00	65.93 -0.13 0.00	63.24 -0.06 0.00	53.01 -0.05 0.00	49.61 -0.05 0.00	43.09 -0.04 0.00	36.80 -0.18 0.00
DAHOWA__HYDRO 323763	32.57 0.92 0.00	29.84 0.84 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.75 0.78 0.00	29.18 0.93 0.00	33.98 1.08 0.00	36.78 1.11 0.00	31.05 0.73 0.00	27.30 0.48 0.00	27.66 0.22 0.17	29.43 0.18 0.31	30.87 0.13 0.45	33.81 0.24 0.70	36.17 0.11 0.86	38.94 0.24 1.01	44.84 0.63 0.80	59.34 1.35 0.59	67.77 2.11 0.41	65.46 2.15 0.00	55.24 2.18 0.00	51.45 1.79 0.00	44.56 1.42 0.00	38.13 1.15 0.00
DANC__LFGE 323619	32.28 0.63 0.00	29.52 0.52 0.00	26.96 0.42 0.00	25.78 0.40 0.00	26.46 0.49 0.00	28.78 0.54 0.00	33.48 0.59 0.00	36.17 0.50 0.00	30.57 0.24 0.00	26.82 0.00 0.00	27.56 -0.06 0.00	29.47 -0.09 0.00	30.97 -0.22 0.00	34.13 -0.14 0.00	36.81 -0.11 0.00	39.58 -0.12 0.00	44.79 -0.22 0.00	58.99 0.41 0.00	67.12 1.05 0.00	64.82 1.52 0.00	54.39 1.33 0.00	50.85 1.19 0.00	44.17 1.03 0.00	37.68 0.70 0.00
DANSKAMMER__1 23586	32.44 0.79 0.00	29.69 0.69 0.00	27.25 0.72 0.00	26.06 0.69 0.00	26.62 0.65 0.00	28.98 0.73 0.00	33.88 0.99 0.00	36.99 1.32 0.00	31.51 1.18 0.00	28.00 1.18 0.00	29.07 1.30 -0.16	31.15 1.30 -0.29	33.20 1.59 -0.42	36.56 1.64 -0.65	39.25 1.59 -0.74	42.28 1.71 -0.87	47.73 2.03 -0.69	61.61 2.52 -0.51	69.00 2.57 -0.36	65.52 2.21 0.00	54.54 1.48 0.00	51.05 1.39 0.00	44.25 1.12 0.00	38.13 1.15 0.00
DANSKAMMER__2 23589	32.44 0.79 0.00	29.69 0.69 0.00	27.25 0.72 0.00	26.06 0.69 0.00	26.62 0.65 0.00	28.98 0.73 0.00	33.88 0.99 0.00	36.99 1.32 0.00	31.51 1.18 0.00	28.00 1.18 0.00	29.07 1.30 -0.16	31.15 1.30 -0.29	33.20 1.59 -0.42	36.56 1.64 -0.65	39.25 1.59 -0.74	42.28 1.71 -0.87	47.73 2.03 -0.69	61.61 2.52 -0.51	69.00 2.57 -0.36	65.52 2.21 0.00	54.54 1.48 0.00	51.05 1.39 0.00	44.25 1.12 0.00	38.13 1.15 0.00
DANSKAMMER__3 23590	32.44 0.79 0.00	29.69 0.69 0.00	27.25 0.72 0.00	26.06 0.69 0.00	26.62 0.65 0.00	28.98 0.73 0.00	33.88 0.99 0.00	36.99 1.32 0.00	31.51 1.18 0.00	28.00 1.18 0.00	29.07 1.30 -0.16	31.15 1.30 -0.29	33.20 1.59 -0.42	36.56 1.64 -0.65	39.25 1.59 -0.74	42.28 1.71 -0.87	47.73 2.03 -0.69	61.61 2.52 -0.51	69.00 2.57 -0.36	65.52 2.21 0.00	54.54 1.48 0.00	51.05 1.39 0.00	44.25 1.12 0.00	38.13 1.15 0.00

DANSKAMMER___4 23591	32.44 0.79 0.00	29.69 0.69 0.00	27.25 0.72 0.00	26.06 0.69 0.00	26.62 0.65 0.00	28.98 0.73 0.00	33.88 0.99 0.00	36.99 1.32 0.00	31.51 1.18 0.00	28.00 1.18 0.00	29.07 1.30 -0.16	31.15 1.30 -0.29	33.20 1.59 -0.42	36.56 1.64 -0.65	39.25 1.59 -0.74	42.28 1.71 -0.87	47.73 2.03 -0.69	61.61 2.52 -0.51	69.00 2.57 -0.36	65.52 2.21 0.00	54.54 1.48 0.00	51.05 1.39 0.00	44.25 1.12 0.00	38.13 1.15 0.00
DANSKAMMER___DIESEL 23592	32.44 0.79 0.00	29.69 0.70 0.00	27.25 0.72 0.00	26.06 0.69 0.00	26.62 0.65 0.00	28.98 0.73 0.00	33.91 1.02 0.00	36.99 1.32 0.00	31.51 1.18 0.00	28.00 1.18 0.00	29.07 1.30 -0.16	31.15 1.30 -0.29	33.20 1.59 -0.42	36.56 1.64 -0.65	39.25 1.59 -0.74	42.28 1.71 -0.87	47.73 2.03 -0.69	61.61 2.52 -0.51	69.00 2.58 -0.36	65.52 2.22 0.00	54.60 1.54 0.00	51.05 1.39 0.00	44.30 1.16 0.00	38.13 1.15 0.00
DARBY___SOLAR 323810	32.47 0.82 0.00	29.75 0.75 0.00	27.28 0.74 0.00	26.06 0.69 0.00	26.69 0.73 0.00	29.09 0.85 0.00	33.91 1.02 0.00	36.71 1.04 0.00	31.02 0.70 0.00	27.28 0.46 0.00	27.66 0.22 0.18	29.41 0.18 0.32	30.85 0.13 0.47	33.78 0.24 0.73	36.14 0.11 0.89	38.90 0.24 1.05	44.81 0.63 0.83	59.25 1.29 0.61	67.55 1.92 0.43	65.27 1.96 0.00	54.97 1.91 0.00	51.25 1.59 0.00	44.43 1.29 0.00	38.02 1.03 0.00
DASHVILLE___HYD 23610	32.03 0.38 0.00	29.34 0.35 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.30 0.34 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.46 0.78 0.00	31.05 0.73 0.00	27.63 0.80 0.00	28.81 1.10 -0.09	30.85 1.12 -0.17	32.80 1.37 -0.24	36.04 1.41 -0.37	38.66 1.33 -0.41	41.61 1.43 -0.48	47.10 1.71 -0.38	60.97 2.11 -0.28	68.38 2.11 -0.20	64.57 1.27 0.00	53.80 0.74 0.00	50.36 0.70 0.00	43.70 0.56 0.00	37.61 0.63 0.00
DELAWARE___LFGE 323621	32.22 0.57 0.00	29.49 0.49 0.00	27.01 0.48 0.00	25.83 0.46 0.00	26.43 0.47 0.00	28.76 0.51 0.00	33.52 0.62 0.00	36.39 0.71 0.00	30.96 0.64 0.00	27.36 0.54 0.00	28.22 0.58 -0.03	30.24 0.62 -0.06	31.96 0.69 -0.08	35.19 0.79 -0.13	37.51 0.59 0.00	40.34 0.64 0.00	45.78 0.77 0.00	59.63 1.05 0.00	67.32 1.26 0.00	64.51 1.20 0.00	54.07 1.01 0.00	50.60 0.94 0.00	43.91 0.78 0.00	37.61 0.63 0.00
DERFIELD_115KV_TB7 355931	31.62 -0.03 0.00	28.97 -0.03 0.00	26.51 -0.03 0.00	25.35 -0.03 0.00	25.94 -0.03 0.00	28.25 0.00 0.00	32.86 -0.03 0.00	35.67 0.00 0.00	30.33 0.00 0.00	26.82 0.00 0.00	27.59 -0.03 0.00	29.53 -0.03 0.00	31.16 -0.03 0.00	34.23 -0.03 0.00	36.92 0.00 0.00	39.70 0.00 0.00	45.06 0.05 0.00	58.64 0.06 0.00	66.13 0.07 0.00	63.37 0.06 0.00	53.11 0.05 0.00	49.66 0.00 0.00	43.13 0.00 0.00	36.98 0.00 0.00
DOGLEVILLE___HYD 23807	32.35 0.70 0.00	29.63 0.64 0.00	27.09 0.56 0.00	25.93 0.56 0.00	26.54 0.57 0.00	28.90 0.65 0.00	33.65 0.76 0.00	36.49 0.82 0.00	30.99 0.67 0.00	27.38 0.56 0.00	28.16 0.55 0.00	30.15 0.59 0.00	31.78 0.59 0.00	34.95 0.69 0.00	37.70 0.78 0.00	40.50 0.79 0.00	45.91 0.90 0.00	59.81 1.23 0.00	67.45 1.39 0.00	64.63 1.33 0.00	54.28 1.22 0.00	50.85 1.19 0.00	44.17 1.04 0.00	37.87 0.89 0.00
DUNKIRK__115KV_TB_200 55889	33.14 1.49 0.00	30.13 1.13 0.00	27.54 1.01 0.00	26.36 0.99 0.00	26.98 1.01 0.00	29.21 0.96 0.00	33.19 0.30 0.00	35.28 -0.39 0.00	30.72 0.39 0.00	26.96 0.13 0.00	28.19 0.58 0.00	30.53 0.98 0.00	32.10 0.90 0.00	35.71 1.44 0.00	38.58 1.66 0.00	41.25 1.55 0.00	46.32 1.31 0.00	59.16 0.59 0.00	67.26 1.19 0.00	64.19 0.89 0.00	54.86 1.80 0.00	51.45 1.79 0.00	45.08 1.94 0.00	38.24 1.26 0.00
DUNKIRK___1 23563	33.14 1.49 0.00	30.13 1.13 0.00	27.54 1.01 0.00	26.36 0.99 0.00	26.98 1.01 0.00	29.21 0.96 0.00	33.19 0.30 0.00	35.28 -0.39 0.00	30.72 0.39 0.00	26.96 0.13 0.00	28.19 0.58 0.00	30.53 0.98 0.00	32.10 0.90 0.00	35.71 1.44 0.00	38.58 1.66 0.00	41.25 1.55 0.00	46.32 1.31 0.00	59.16 0.59 0.00	67.26 1.19 0.00	64.19 0.89 0.00	54.86 1.80 0.00	51.45 1.79 0.00	45.08 1.94 0.00	38.24 1.26 0.00
DUNKIRK___2 23564	33.14 1.49 0.00	30.13 1.13 0.00	27.54 1.01 0.00	26.36 0.99 0.00	26.98 1.01 0.00	29.21 0.96 0.00	33.19 0.30 0.00	35.28 -0.39 0.00	30.72 0.39 0.00	26.96 0.13 0.00	28.19 0.58 0.00	30.53 0.98 0.00	32.10 0.90 0.00	35.71 1.44 0.00	38.58 1.66 0.00	41.25 1.55 0.00	46.32 1.31 0.00	59.16 0.59 0.00	67.26 1.19 0.00	64.19 0.89 0.00	54.86 1.80 0.00	51.45 1.79 0.00	45.08 1.94 0.00	38.24 1.26 0.00
DUNKIRK___3 23565	32.95 1.30 0.00	29.95 0.96 0.00	27.41 0.88 0.00	26.21 0.84 0.00	26.82 0.86 0.00	29.04 0.79 0.00	32.99 0.10 0.00	35.03 -0.64 0.00	30.54 0.21 0.00	26.77 -0.05 0.00	28.03 0.41 0.00	30.33 0.77 0.00	31.88 0.69 0.00	35.47 1.20 0.00	38.33 1.40 0.00	41.01 1.31 0.00	46.05 1.04 0.00	58.75 0.18 0.00	66.73 0.66 0.00	63.75 0.44 0.00	54.44 1.38 0.00	51.05 1.39 0.00	44.73 1.60 0.00	37.98 1.00 0.00
DUNKIRK___4 23566	32.95 1.30 0.00	29.95 0.96 0.00	27.41 0.88 0.00	26.21 0.84 0.00	26.82 0.86 0.00	29.04 0.79 0.00	32.99 0.10 0.00	35.03 -0.64 0.00	30.54 0.21 0.00	26.77 -0.05 0.00	28.03 0.41 0.00	30.33 0.77 0.00	31.88 0.69 0.00	35.47 1.20 0.00	38.33 1.40 0.00	41.01 1.31 0.00	46.05 1.04 0.00	58.75 0.18 0.00	66.73 0.66 0.00	63.75 0.44 0.00	54.44 1.38 0.00	51.05 1.39 0.00	44.73 1.60 0.00	37.98 1.00 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.47 0.82 0.00	29.69 0.70 0.00	27.28 0.74 0.00	26.06 0.69 0.00	26.64 0.68 0.00	28.95 0.71 0.00	33.94 1.05 0.00	37.17 1.50 0.00	31.69 1.36 0.00	28.27 1.45 0.00	29.47 1.66 -0.20	31.65 1.71 -0.37	33.72 2.00 -0.53	37.19 2.09 -0.83	39.91 2.03 -0.96	42.89 2.06 -1.12	48.24 2.34 -0.89	61.93 2.69 -0.66	69.10 2.58 -0.46	65.46 2.15 0.00	54.33 1.27 0.00	51.00 1.34 0.00	44.26 1.12 0.00	38.20 1.22 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.25 0.60 0.00	29.52 0.52 0.00	27.09 0.56 0.00	25.88 0.51 0.00	26.46 0.49 0.00	28.78 0.54 0.00	33.68 0.79 0.00	36.74 1.07 0.00	31.30 0.97 0.00	27.84 1.02 0.00	28.89 1.13 -0.15	30.98 1.15 -0.27	32.98 1.40 -0.39	36.28 1.41 -0.61	38.94 1.33 -0.68	41.90 1.39 -0.80	47.27 1.62 -0.64	61.04 1.99 -0.47	68.31 1.92 -0.33	64.95 1.65 0.00	54.12 1.06 0.00	50.65 0.99 0.00	43.91 0.78 0.00	37.83 0.85 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.63 0.98 0.00	29.78 0.78 0.00	27.30 0.77 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.76 0.51 0.00	33.85 0.95 0.00	37.07 1.39 0.00	31.75 1.43 0.00	28.43 1.61 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.02 2.28 -0.55	37.43 2.33 -0.83	40.19 2.33 -0.94	43.17 2.34 -1.12	48.51 2.61 -0.89	61.58 2.34 -0.66	68.58 2.05 -0.46	65.08 1.77 0.00	53.91 0.85 0.00	50.65 0.99 0.00	44.26 1.12 0.00	38.42 1.44 0.00

E179THST_13_KV_LOAD 356214	32.79 1.14 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.09 0.00	37.24 1.57 0.00	31.90 1.58 0.00	28.57 1.74 0.00	29.83 2.02 -0.20	32.03 2.10 -0.37	34.17 2.43 -0.55	37.64 2.54 -0.83	40.41 2.55 -0.94	43.41 2.58 -1.12	48.83 2.93 -0.89	61.93 2.69 -0.66	69.04 2.51 -0.46	65.46 2.15 0.00	54.23 1.17 0.00	50.95 1.29 0.00	44.52 1.38 0.00	38.65 1.66 0.00
EAST HAMPTON___GT 23717	31.71 0.06 0.00	28.82 -0.17 0.00	26.40 -0.13 0.00	25.22 -0.15 0.00	25.73 -0.23 0.00	27.96 -0.28 0.00	32.17 -0.72 0.00	35.89 0.22 0.00	30.63 0.30 0.00	27.49 0.67 0.00	29.30 1.49 -0.20	31.65 1.71 -0.37	33.56 1.84 -0.53	37.60 2.50 -0.83	40.54 2.66 -0.96	43.33 2.50 -1.12	49.42 3.51 -0.89	64.11 4.86 -0.67	72.27 5.74 -0.46	68.18 4.87 0.00	56.24 3.18 0.00	52.18 2.53 0.01	44.90 1.77 0.01	40.02 3.03 0.00
EAST RIVER___6 23660	32.60 0.95 0.00	29.78 0.78 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.04 0.79 0.00	34.14 1.25 0.00	37.46 1.78 0.00	32.02 1.70 0.00	28.59 1.77 0.00	29.83 2.01 -0.20	32.03 2.10 -0.37	34.17 2.43 -0.55	37.64 2.54 -0.83	40.39 2.51 -0.96	43.41 2.58 -1.12	48.79 2.88 -0.89	62.46 3.22 -0.66	69.57 3.04 -0.46	65.90 2.60 0.00	54.49 1.43 0.00	51.20 1.54 0.00	44.47 1.34 0.00	38.39 1.40 0.00
EAST RIVER___7 23524	32.60 0.95 0.00	29.78 0.78 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.04 0.79 0.00	34.14 1.25 0.00	37.46 1.78 0.00	32.02 1.70 0.00	28.59 1.77 0.00	29.83 2.01 -0.20	32.03 2.10 -0.37	34.17 2.43 -0.55	37.64 2.54 -0.83	40.39 2.51 -0.96	43.41 2.58 -1.12	48.79 2.88 -0.89	62.46 3.22 -0.66	69.57 3.04 -0.46	65.90 2.60 0.00	54.49 1.43 0.00	51.20 1.54 0.00	44.47 1.34 0.00	38.39 1.40 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.41 0.76 0.00	29.63 0.64 0.00	27.22 0.69 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.90 0.65 0.00	33.88 0.99 0.00	37.07 1.39 0.00	31.63 1.30 0.00	28.19 1.37 0.00	29.36 1.55 -0.20	31.52 1.60 -0.37	33.62 1.90 -0.53	37.05 1.95 -0.82	39.75 1.88 -0.95	42.72 1.91 -1.11	48.05 2.16 -0.88	61.75 2.52 -0.65	68.84 2.31 -0.46	65.33 2.03 0.00	54.23 1.17 0.00	50.85 1.19 0.00	44.13 0.99 0.00	38.09 1.11 0.00
EAST_HAMPTON___DIESEL 23722	31.65 0.00 0.00	28.73 -0.26 0.00	26.32 -0.21 0.00	25.14 -0.23 0.00	25.68 -0.29 0.00	27.91 -0.34 0.00	32.07 -0.82 0.00	35.78 0.11 0.00	30.54 0.21 0.00	27.41 0.59 0.00	29.22 1.41 -0.20	31.56 1.62 -0.37	33.50 1.78 -0.53	37.54 2.43 -0.83	40.46 2.58 -0.96	43.29 2.46 -1.12	49.32 3.42 -0.89	63.99 4.74 -0.67	72.27 5.74 -0.46	68.18 4.87 0.00	56.19 3.13 0.00	52.18 2.53 0.01	44.90 1.77 0.01	40.02 3.03 0.00
EAST_POINT___SOLAR 323840	33.08 1.43 0.00	30.21 1.22 0.00	27.65 1.11 0.00	26.41 1.04 0.00	27.11 1.14 0.00	29.60 1.36 0.00	34.41 1.51 0.00	36.21 0.54 0.00	29.69 -0.64 0.00	25.72 -1.10 0.00	26.16 -1.35 0.10	27.84 -1.54 0.18	29.22 -1.72 0.26	32.16 -1.71 0.40	34.49 -1.92 0.51	37.12 -1.98 0.60	42.87 -1.66 0.47	57.64 -0.59 0.35	67.41 1.58 0.24	66.59 3.29 0.00	56.35 3.29 0.00	52.54 2.88 0.00	45.55 2.41 0.00	38.79 1.81 0.00
EAST_PULASKI___ESR 323781	31.62 -0.03 0.00	28.91 -0.09 0.00	26.43 -0.11 0.00	25.27 -0.10 0.00	25.89 -0.08 0.00	28.16 -0.08 0.00	32.76 -0.13 0.00	35.43 -0.25 0.00	30.08 -0.24 0.00	26.47 -0.35 0.00	27.25 -0.36 0.00	29.17 -0.39 0.00	30.75 -0.44 0.00	33.86 -0.41 0.00	36.55 -0.37 0.00	39.27 -0.44 0.00	44.29 -0.72 0.00	57.88 -0.70 0.00	65.61 -0.46 0.00	63.18 -0.13 0.00	52.95 -0.11 0.00	49.61 -0.05 0.00	43.26 0.13 0.00	36.91 -0.07 0.00
EAST_RIVER___1 323558	32.63 0.98 0.00	29.80 0.81 0.00	27.36 0.82 0.00	26.13 0.76 0.00	26.72 0.75 0.00	29.07 0.82 0.00	34.11 1.22 0.00	37.42 1.75 0.00	31.96 1.64 0.00	28.54 1.72 0.00	29.75 1.93 -0.20	31.94 2.01 -0.37	34.08 2.34 -0.55	37.53 2.43 -0.83	40.28 2.40 -0.96	43.29 2.46 -1.12	48.69 2.79 -0.89	62.40 3.16 -0.66	69.50 2.98 -0.46	65.84 2.53 0.00	54.49 1.43 0.00	51.20 1.54 0.00	44.47 1.34 0.00	38.42 1.44 0.00
EAST_RIVER___2 323559	32.60 0.95 0.00	29.78 0.78 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.04 0.79 0.00	34.14 1.25 0.00	37.46 1.78 0.00	32.02 1.70 0.00	28.59 1.77 0.00	29.83 2.01 -0.20	32.03 2.10 -0.37	34.17 2.43 -0.55	37.64 2.54 -0.83	40.39 2.51 -0.96	43.41 2.58 -1.12	48.79 2.88 -0.89	62.46 3.22 -0.66	69.57 3.04 -0.46	65.90 2.60 0.00	54.49 1.43 0.00	51.20 1.54 0.00	44.47 1.34 0.00	38.39 1.40 0.00
EAST___DELAWARE_HYD 23607	32.22 0.57 0.00	29.46 0.46 0.00	26.99 0.45 0.00	25.80 0.43 0.00	26.38 0.41 0.00	28.73 0.48 0.00	33.58 0.69 0.00	36.60 0.93 0.00	31.17 0.85 0.00	27.65 0.83 0.00	28.67 0.94 -0.12	30.72 0.95 -0.22	32.65 1.15 -0.31	35.95 1.20 -0.48	38.56 1.11 -0.53	41.56 1.23 -0.62	47.04 1.53 -0.50	61.05 2.11 -0.37	68.57 2.25 -0.26	65.33 2.03 0.00	54.39 1.33 0.00	50.80 1.14 0.00	44.04 0.91 0.00	37.83 0.85 0.00
EIGHT_POINT___WT_PWR 323820	32.92 1.27 0.00	30.01 1.01 0.00	27.44 0.90 0.00	26.18 0.81 0.00	26.88 0.91 0.00	29.12 0.88 0.00	33.48 0.59 0.00	35.67 0.00 0.00	30.60 0.27 0.00	26.77 -0.05 0.00	27.86 0.25 0.00	30.09 0.53 0.00	31.69 0.50 0.00	35.16 0.89 0.00	37.99 1.07 0.00	40.73 1.03 0.00	45.91 0.90 0.00	59.28 0.71 0.00	67.59 1.52 0.00	65.14 1.84 0.00	55.13 2.07 0.00	51.60 1.93 0.00	45.03 1.90 0.00	38.20 1.22 0.00
ELBRIDGE_115KV_TB2 80188	31.43 -0.22 0.00	28.73 -0.26 0.00	26.27 -0.27 0.00	25.12 -0.25 0.00	25.71 -0.26 0.00	27.94 -0.31 0.00	32.50 -0.39 0.00	35.14 -0.54 0.00	29.99 -0.33 0.00	26.45 -0.38 0.00	27.28 -0.33 0.00	29.26 -0.30 0.00	30.85 -0.34 0.00	33.99 -0.27 0.00	36.70 -0.22 0.00	39.39 -0.32 0.00	44.65 -0.36 0.00	58.05 -0.53 0.00	65.60 -0.46 0.00	62.92 -0.38 0.00	52.74 -0.32 0.00	49.41 -0.25 0.00	42.92 -0.22 0.00	36.65 -0.33 0.00
ELEC_TRO_TEK 24086	32.32 0.66 0.00	29.46 0.46 0.00	27.09 0.56 0.00	25.80 0.43 0.00	26.36 0.39 0.00	28.64 0.40 0.00	33.52 0.62 0.00	36.96 1.28 0.00	31.51 1.18 0.00	28.11 1.29 0.00	29.64 1.82 -0.20	31.94 2.01 -0.37	33.94 2.21 -0.53	37.54 2.43 -0.83	40.21 2.33 -0.96	42.81 1.99 -1.12	48.29 2.39 -0.89	62.17 2.93 -0.66	69.11 2.58 -0.46	65.20 1.90 0.00	54.02 0.96 0.00	50.40 0.74 0.01	43.60 0.47 0.01	38.61 1.63 0.00
ELLENBURG_WT_PWR 323604	32.44 0.79 0.00	29.72 0.73 0.00	27.17 0.64 0.00	25.96 0.58 0.00	26.64 0.67 0.00	28.95 0.71 0.00	33.81 0.92 0.00	36.57 0.89 0.00	30.87 0.55 0.00	27.25 0.43 0.00	28.00 0.39 0.00	30.00 0.44 0.00	31.57 0.38 0.00	34.61 0.34 0.00	37.22 0.29 0.00	40.06 0.36 0.00	45.42 0.40 0.00	59.69 1.11 0.00	67.39 1.32 0.00	64.69 1.39 0.00	54.23 1.17 0.00	50.65 0.99 0.00	44.04 0.91 0.00	37.76 0.78 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.79 1.14 0.00	29.84 0.84 0.00	27.25 0.72 0.00	26.06 0.69 0.00	26.67 0.70 0.00	28.81 0.56 0.00	32.69 -0.20 0.00	34.68 -1.00 0.00	30.26 -0.06 0.00	26.55 -0.27 0.00	27.81 0.19 0.00	30.12 0.56 0.00	31.63 0.44 0.00	35.16 0.89 0.00	38.03 1.11 0.00	40.70 0.99 0.00	45.64 0.63 0.00	58.17 -0.41 0.00	66.00 -0.07 0.00	62.99 -0.32 0.00	53.80 0.74 0.00	50.55 0.89 0.00	44.43 1.29 0.00	37.76 0.78 0.00
EMPIRE_CC_1 323656	31.65 0.00 0.00	29.17 0.18 0.00	26.77 0.24 0.00	25.63 0.25 0.00	26.17 0.21 0.00	28.53 0.28 0.00	33.09 0.20 0.00	35.99 0.32 0.00	30.60 0.27 0.00	27.17 0.35 0.00	27.59 0.25 0.27	29.24 0.18 0.49	30.70 0.22 0.71	33.23 0.07 1.10	35.54 -0.04 1.35	38.13 0.00 1.58	43.90 0.14 1.25	57.77 0.12 0.92	65.42 0.00 0.65	63.24 -0.06 0.00	53.06 0.00 0.00	49.66 0.00 0.00	43.01 -0.13 0.00	36.95 -0.04 0.00
EMPIRE_CC_2 323658	31.65 0.00 0.00	29.17 0.18 0.00	26.77 0.24 0.00	25.63 0.25 0.00	26.17 0.21 0.00	28.53 0.28 0.00	33.09 0.20 0.00	35.99 0.32 0.00	30.60 0.27 0.00	27.17 0.35 0.00	27.59 0.25 0.27	29.24 0.18 0.49	30.70 0.22 0.71	33.23 0.07 1.10	35.54 -0.04 1.35	38.13 0.00 1.58	43.90 0.14 1.25	57.77 0.12 0.92	65.42 0.00 0.65	63.24 -0.06 0.00	53.06 0.00 0.00	49.66 0.00 0.00	43.01 -0.13 0.00	36.95 -0.04 0.00
ENORWICH_115KV_TB1 80156	34.82 3.17 0.00	31.78 2.78 0.00	28.98 2.44 0.00	27.76 2.38 0.00	28.56 2.60 0.00	31.16 2.91 0.00	36.28 3.39 0.00	39.21 3.53 0.00	32.99 2.67 0.00	28.62 1.80 0.00	29.41 1.77 -0.03	31.51 1.89 -0.06	33.14 1.87 -0.08	36.72 2.33 -0.12	39.51 2.58 0.00	42.72 3.02 0.00	48.57 3.56 0.00	64.79 6.21 0.00	74.06 7.99 0.00	71.28 7.98 0.00	59.69 6.63 0.00	55.77 6.11 0.00	48.14 5.00 0.00	40.87 3.88 0.00
ERIE_ST__34_KV_TB1-2 80199	32.82 1.17 0.00	29.84 0.84 0.00	27.25 0.72 0.00	26.08 0.71 0.00	26.67 0.70 0.00	28.87 0.62 0.00	32.79 -0.10 0.00	34.78 -0.89 0.00	30.36 0.03 0.00	26.63 -0.19 0.00	27.89 0.28 0.00	30.24 0.68 0.00	31.78 0.59 0.00	35.43 1.17 0.00	38.29 1.37 0.00	41.01 1.31 0.00	46.05 1.04 0.00	58.64 0.06 0.00	66.66 0.59 0.00	63.49 0.19 0.00	54.17 1.11 0.00	50.75 1.09 0.00	44.52 1.38 0.00	37.83 0.85 0.00
ERIE_WT_PWR 323693	32.92 1.27 0.00	29.98 0.99 0.00	27.44 0.90 0.00	26.16 0.79 0.00	26.82 0.86 0.00	28.95 0.71 0.00	32.89 0.00 0.00	34.85 -0.82 0.00	30.39 0.06 0.00	26.66 -0.16 0.00	27.92 0.30 0.00	30.24 0.68 0.00	31.78 0.59 0.00	35.36 1.10 0.00	38.25 1.33 0.00	40.94 1.23 0.00	45.91 0.90 0.00	58.52 -0.06 0.00	66.47 0.40 0.00	63.43 0.13 0.00	54.18 1.12 0.00	50.85 1.19 0.00	44.69 1.55 0.00	37.98 1.00 0.00
ESPRGFLD_115KV_TB1 80157	32.63 0.98 0.00	29.81 0.81 0.00	27.28 0.74 0.00	26.06 0.69 0.00	26.72 0.75 0.00	29.15 0.90 0.00	33.98 1.09 0.00	36.57 0.89 0.00	30.78 0.45 0.00	26.98 0.16 0.00	27.64 0.08 0.05	29.52 0.06 0.10	31.08 0.03 0.14	34.22 0.17 0.22	36.65 0.04 0.31	39.42 0.08 0.36	45.08 0.36 0.29	59.60 1.23 0.21	68.03 2.11 0.15	65.77 2.47 0.00	55.18 2.12 0.00	51.65 1.99 0.00	44.73 1.60 0.00	38.20 1.22 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.09 0.44 0.00	29.34 0.35 0.00	26.83 0.29 0.00	25.63 0.25 0.00	26.25 0.29 0.00	28.56 0.31 0.00	33.19 0.30 0.00	35.89 0.21 0.00	30.57 0.24 0.00	26.88 0.05 0.00	27.70 0.08 0.00	29.68 0.12 0.00	31.32 0.12 0.00	34.51 0.24 0.00	37.18 0.26 0.00	39.94 0.24 0.00	45.37 0.36 0.00	59.11 0.53 0.00	67.06 0.99 0.00	64.51 1.20 0.00	54.07 1.01 0.00	50.60 0.94 0.00	43.91 0.78 0.00	37.46 0.48 0.00
ETNA____115KV_TB2 80207	32.09 0.44 0.00	29.34 0.35 0.00	26.83 0.29 0.00	25.63 0.25 0.00	26.25 0.29 0.00	28.56 0.31 0.00	33.19 0.30 0.00	35.89 0.21 0.00	30.57 0.24 0.00	26.88 0.05 0.00	27.70 0.08 0.00	29.68 0.12 0.00	31.32 0.12 0.00	34.51 0.24 0.00	37.18 0.26 0.00	39.94 0.24 0.00	45.37 0.36 0.00	59.11 0.53 0.00	67.06 0.99 0.00	64.51 1.20 0.00	54.07 1.01 0.00	50.60 0.94 0.00	43.91 0.78 0.00	37.46 0.48 0.00
EUCLID__115KV_TB2 356179	31.21 -0.44 0.00	28.56 -0.43 0.00	26.11 -0.42 0.00	24.97 -0.41 0.00	25.55 -0.42 0.00	27.77 -0.48 0.00	32.30 -0.59 0.00	34.96 -0.71 0.00	29.84 -0.49 0.00	26.34 -0.48 0.00	27.14 -0.47 0.00	29.12 -0.44 0.00	30.72 -0.47 0.00	33.82 -0.45 0.00	36.52 -0.41 0.00	39.19 -0.52 0.00	44.43 -0.59 0.00	57.70 -0.88 0.00	65.21 -0.86 0.00	62.48 -0.82 0.00	52.37 -0.69 0.00	49.06 -0.60 0.00	42.62 -0.52 0.00	36.43 -0.55 0.00
E_CANADA_CAP_HY 24051	32.73 1.08 0.00	29.92 0.93 0.00	27.38 0.85 0.00	26.16 0.79 0.00	26.82 0.86 0.00	29.29 1.05 0.00	34.11 1.22 0.00	36.46 0.78 0.00	30.42 0.09 0.00	26.50 -0.32 0.00	27.00 -0.53 0.09	28.78 -0.62 0.16	30.21 -0.75 0.23	33.23 -0.69 0.36	35.69 -0.78 0.46	38.33 -0.84 0.54	44.13 -0.45 0.43	58.79 0.53 0.32	67.69 1.85 0.22	65.84 2.53 0.00	55.45 2.39 0.00	51.90 2.24 0.00	44.99 1.85 0.00	38.35 1.37 0.00
E_CANADA_MHWK_HY 24050	32.35 0.70 0.00	29.63 0.64 0.00	27.09 0.56 0.00	25.93 0.56 0.00	26.54 0.57 0.00	28.90 0.65 0.00	33.65 0.76 0.00	36.50 0.82 0.00	30.99 0.67 0.00	27.39 0.56 0.00	28.16 0.55 0.00	30.15 0.59 0.00	31.78 0.59 0.00	34.95 0.69 0.00	37.70 0.78 0.00	40.50 0.79 0.00	45.91 0.90 0.00	59.81 1.23 0.00	67.46 1.39 0.00	64.63 1.33 0.00	54.28 1.22 0.00	50.85 1.19 0.00	44.17 1.03 0.00	37.87 0.89 0.00
E_FISHKILL__LBMP 23776	32.19 0.54 0.00	29.49 0.49 0.00	27.09 0.56 0.00	25.88 0.51 0.00	26.46 0.49 0.00	28.76 0.51 0.00	33.68 0.79 0.00	36.82 1.14 0.00	31.36 1.03 0.00	27.95 1.13 0.00	29.08 1.24 -0.22	31.24 1.27 -0.41	33.31 1.53 -0.59	36.73 1.54 -0.92	39.46 1.48 -1.06	42.46 1.51 -1.24	47.75 1.76 -0.99	61.24 1.93 -0.73	68.36 1.78 -0.51	64.82 1.52 0.00	53.91 0.85 0.00	50.55 0.89 0.00	43.87 0.73 0.00	37.83 0.85 0.00
FALCON__SEABRD_CC1 323796	32.85 1.20 0.00	30.10 1.10 0.00	27.49 0.95 0.00	26.28 0.91 0.00	26.98 1.01 0.00	29.32 1.07 0.00	34.24 1.35 0.00	37.03 1.36 0.00	31.23 0.91 0.00	27.57 0.75 0.00	28.30 0.69 0.00	30.33 0.77 0.00	31.91 0.72 0.00	35.02 0.75 0.00	37.66 0.74 0.00	40.54 0.84 0.00	45.91 0.90 0.00	60.51 1.93 0.00	68.31 2.25 0.00	65.65 2.34 0.00	54.97 1.91 0.00	51.30 1.64 0.00	44.60 1.47 0.00	38.24 1.26 0.00
FALCON__SEABRD_CC2 323797	32.85 1.20 0.00	30.10 1.10 0.00	27.49 0.95 0.00	26.28 0.91 0.00	26.98 1.01 0.00	29.32 1.07 0.00	34.24 1.35 0.00	37.03 1.36 0.00	31.23 0.91 0.00	27.57 0.75 0.00	28.30 0.69 0.00	30.33 0.77 0.00	31.91 0.72 0.00	35.02 0.75 0.00	37.66 0.74 0.00	40.54 0.84 0.00	45.91 0.90 0.00	60.51 1.93 0.00	68.31 2.25 0.00	65.65 2.34 0.00	54.97 1.91 0.00	51.30 1.64 0.00	44.60 1.47 0.00	38.24 1.26 0.00

FAR ROCKAWAY___4 23548	32.76 1.11 0.00	29.84 0.84 0.00	27.41 0.88 0.00	26.11 0.74 0.00	26.67 0.70 0.00	28.98 0.73 0.00	33.88 0.99 0.00	37.39 1.71 0.00	31.87 1.55 0.00	28.46 1.64 0.00	30.05 2.24 -0.20	32.41 2.48 -0.37	34.44 2.71 -0.53	38.12 3.02 -0.83	40.87 2.99 -0.96	43.57 2.74 -1.12	49.19 3.29 -0.89	63.46 4.22 -0.66	70.62 4.10 -0.46	66.53 3.23 0.00	55.02 1.96 0.00	51.29 1.64 0.01	44.38 1.25 0.01	39.24 2.26 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.63 0.98 0.00	29.81 0.81 0.00	27.36 0.82 0.00	26.13 0.76 0.00	26.72 0.75 0.00	29.04 0.79 0.00	34.14 1.25 0.00	37.39 1.71 0.00	31.96 1.64 0.00	28.51 1.69 0.00	29.75 1.93 -0.20	31.94 2.01 -0.37	34.08 2.34 -0.55	37.53 2.43 -0.83	40.28 2.40 -0.96	43.29 2.46 -1.12	48.65 2.75 -0.89	62.34 3.10 -0.66	69.43 2.91 -0.46	65.84 2.53 0.00	54.49 1.43 0.00	51.20 1.54 0.00	44.52 1.38 0.00	38.42 1.44 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.63 0.98 0.00	29.84 0.84 0.00	27.38 0.85 0.00	26.16 0.79 0.00	26.72 0.75 0.00	29.07 0.82 0.00	34.14 1.25 0.00	37.42 1.75 0.00	31.96 1.64 0.00	28.54 1.72 0.00	29.75 1.93 -0.20	31.94 2.01 -0.37	34.08 2.34 -0.55	37.53 2.43 -0.83	40.28 2.40 -0.96	43.29 2.46 -1.12	48.65 2.75 -0.89	62.34 3.10 -0.66	69.43 2.91 -0.46	65.84 2.53 0.00	54.49 1.43 0.00	51.20 1.54 0.00	44.52 1.38 0.00	38.42 1.44 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.60 0.95 0.00	29.81 0.81 0.00	27.36 0.82 0.00	26.13 0.76 0.00	26.72 0.75 0.00	29.04 0.79 0.00	34.11 1.22 0.00	37.39 1.71 0.00	31.93 1.61 0.00	28.51 1.69 0.00	29.72 1.91 -0.20	31.91 1.98 -0.37	34.05 2.31 -0.55	37.50 2.40 -0.83	40.24 2.36 -0.96	43.25 2.42 -1.12	48.60 2.70 -0.89	62.28 3.05 -0.66	69.37 2.84 -0.46	65.77 2.47 0.00	54.44 1.38 0.00	51.15 1.49 0.00	44.47 1.34 0.00	38.39 1.41 0.00
FARRAGUT___LBMP 323566	32.57 0.92 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	34.08 1.18 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.48 1.66 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	34.01 2.28 -0.55	37.47 2.36 -0.83	40.21 2.33 -0.96	43.21 2.38 -1.12	48.56 2.66 -0.89	62.22 2.99 -0.66	69.37 2.84 -0.46	65.71 2.41 0.00	54.39 1.33 0.00	51.15 1.49 0.00	44.43 1.29 0.00	38.39 1.41 0.00
FENNER___WINDPWR 24204	32.19 0.54 0.00	29.46 0.46 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.38 0.41 0.00	28.70 0.45 0.00	33.42 0.52 0.00	36.17 0.50 0.00	30.72 0.39 0.00	27.01 0.19 0.00	27.81 0.19 0.00	29.79 0.24 0.00	31.38 0.19 0.00	34.58 0.31 0.00	37.29 0.37 0.00	40.10 0.40 0.00	45.55 0.54 0.00	59.57 0.99 0.00	67.52 1.45 0.00	64.82 1.52 0.00	54.33 1.27 0.00	50.80 1.14 0.00	44.04 0.91 0.00	37.61 0.63 0.00
FIBERTEK___ENERGY 23856	31.52 -0.13 0.00	28.85 -0.14 0.00	26.35 -0.19 0.00	25.19 -0.18 0.00	25.79 -0.18 0.00	28.05 -0.20 0.00	32.63 -0.26 0.00	35.32 -0.36 0.00	30.11 -0.21 0.00	26.55 -0.27 0.00	27.39 -0.22 0.00	29.38 -0.18 0.00	30.97 -0.22 0.00	34.13 -0.14 0.00	36.85 -0.07 0.00	39.54 -0.16 0.00	44.83 -0.18 0.00	58.34 -0.23 0.00	65.93 -0.13 0.00	63.24 -0.06 0.00	53.01 -0.05 0.00	49.61 -0.05 0.00	43.09 -0.04 0.00	36.80 -0.18 0.00
FITZPATRICK___ 23598	30.77 -0.89 0.00	28.15 -0.84 0.00	25.76 -0.77 0.00	24.64 -0.74 0.00	25.21 -0.75 0.00	27.40 -0.85 0.00	31.84 -1.05 0.00	34.50 -1.18 0.00	29.39 -0.94 0.00	25.96 -0.86 0.00	26.76 -0.86 0.00	28.67 -0.89 0.00	30.22 -0.97 0.00	33.27 -0.99 0.00	35.89 -1.03 0.00	38.55 -1.15 0.00	43.70 -1.31 0.00	56.76 -1.82 0.00	64.15 -1.92 0.00	61.47 -1.84 0.00	51.57 -1.49 0.00	48.27 -1.39 0.00	41.97 -1.16 0.00	35.87 -1.11 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.51 0.85 0.00	29.75 0.75 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	33.94 1.05 0.00	37.07 1.39 0.00	31.57 1.24 0.00	28.06 1.23 0.00	29.13 1.35 -0.16	31.22 1.36 -0.30	33.28 1.65 -0.43	36.62 1.68 -0.68	39.36 1.66 -0.77	42.39 1.79 -0.90	47.84 2.12 -0.72	61.80 2.69 -0.53	69.15 2.71 -0.37	65.65 2.34 0.00	54.70 1.64 0.00	51.15 1.49 0.00	44.39 1.25 0.00	38.20 1.22 0.00
FORT ORANGE___ 23900	31.56 -0.09 0.00	29.08 0.09 0.00	26.69 0.16 0.00	25.55 0.18 0.00	26.10 0.13 0.00	28.45 0.20 0.00	33.02 0.13 0.00	35.93 0.25 0.00	30.48 0.15 0.00	26.98 0.16 0.00	27.65 0.17 0.13	29.37 0.06 0.24	30.94 0.09 0.35	33.79 0.07 0.54	36.21 -0.04 0.68	38.87 -0.04 0.79	44.47 0.09 0.63	58.35 0.24 0.46	66.07 0.33 0.33	63.43 0.13 0.00	53.27 0.21 0.00	49.76 0.10 0.00	43.09 -0.04 0.00	37.02 0.04 0.00
FORT_DRUM_COGEN 23780	33.17 1.52 0.00	30.30 1.30 0.00	27.65 1.11 0.00	26.46 1.09 0.00	27.19 1.22 0.00	29.60 1.36 0.00	34.44 1.55 0.00	37.17 1.50 0.00	31.24 0.91 0.00	27.28 0.46 0.00	27.97 0.36 0.00	29.85 0.30 0.00	31.32 0.12 0.00	34.51 0.24 0.00	37.22 0.30 0.00	40.06 0.36 0.00	45.42 0.41 0.00	60.34 1.76 0.00	68.97 2.91 0.00	66.91 3.61 0.00	56.14 3.08 0.00	52.34 2.68 0.00	45.38 2.24 0.00	38.61 1.63 0.00
FOX_HILLS___ESR 323835	32.85 1.20 0.00	29.95 0.96 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	33.98 1.09 0.00	37.21 1.53 0.00	31.81 1.49 0.00	28.51 1.69 0.00	29.83 2.02 -0.20	32.06 2.13 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.41 2.58 -1.12	48.42 2.52 -0.89	61.58 2.34 -0.66	68.64 2.11 -0.46	65.08 1.77 0.00	54.07 1.01 0.00	50.50 0.84 0.00	44.21 1.08 0.00	38.54 1.55 0.00
FPL_FAR_ROCK_GT1 24212	32.76 1.11 0.00	29.84 0.84 0.00	27.28 0.74 0.00	26.11 0.74 0.00	26.64 0.67 0.00	28.98 0.73 0.00	33.88 0.99 0.00	37.39 1.71 0.00	31.87 1.55 0.00	28.46 1.64 0.00	30.05 2.24 -0.20	32.42 2.48 -0.37	34.44 2.71 -0.53	38.12 3.02 -0.83	40.80 2.92 -0.96	43.49 2.66 -1.12	49.19 3.28 -0.89	63.46 4.22 -0.66	70.63 4.10 -0.46	66.53 3.23 0.00	54.97 1.91 0.00	51.29 1.64 0.01	44.38 1.25 0.01	39.20 2.22 0.00
FPL_FAR_ROCK_GT2 23815	32.76 1.11 0.00	29.84 0.84 0.00	27.28 0.74 0.00	26.11 0.74 0.00	26.64 0.67 0.00	28.98 0.73 0.00	33.88 0.99 0.00	37.39 1.71 0.00	31.87 1.55 0.00	28.46 1.64 0.00	30.05 2.24 -0.20	32.42 2.48 -0.37	34.44 2.71 -0.53	38.12 3.02 -0.83	40.80 2.92 -0.96	43.49 2.66 -1.12	49.19 3.28 -0.89	63.46 4.22 -0.66	70.63 4.10 -0.46	66.53 3.23 0.00	54.97 1.91 0.00	51.29 1.64 0.01	44.38 1.25 0.01	39.20 2.22 0.00
FRANKLIN_FALL_HYD 24054	32.95 1.30 0.00	30.18 1.19 0.00	27.54 1.01 0.00	26.34 0.96 0.00	27.03 1.06 0.00	29.40 1.16 0.00	34.44 1.55 0.00	37.21 1.53 0.00	31.33 1.00 0.00	27.65 0.83 0.00	28.39 0.77 0.00	30.45 0.89 0.00	32.00 0.81 0.00	35.13 0.86 0.00	37.73 0.81 0.00	40.62 0.91 0.00	46.09 1.08 0.00	60.51 1.93 0.00	68.38 2.31 0.00	65.77 2.47 0.00	55.08 2.02 0.00	51.40 1.74 0.00	44.69 1.55 0.00	38.35 1.37 0.00

FREEPORT_EQUS_GT1 23764	32.47 0.82 0.00	29.57 0.58 0.00	27.07 0.53 0.00	25.88 0.51 0.00	26.43 0.47 0.00	28.76 0.51 0.00	33.58 0.69 0.00	37.10 1.43 0.00	31.63 1.30 0.00	28.24 1.42 0.00	29.80 1.99 -0.20	32.15 2.22 -0.37	34.16 2.43 -0.53	37.78 2.67 -0.83	40.39 2.51 -0.96	43.01 2.18 -1.12	48.60 2.70 -0.89	62.69 3.46 -0.66	69.70 3.17 -0.46	65.65 2.34 0.00	54.28 1.22 0.00	50.65 0.99 0.01	43.82 0.69 0.01	38.83 1.85 0.00
FREEPORT___CT2 23818	32.47 0.82 0.00	29.57 0.58 0.00	27.07 0.53 0.00	25.88 0.51 0.00	26.43 0.47 0.00	28.76 0.51 0.00	33.58 0.69 0.00	37.10 1.43 0.00	31.63 1.30 0.00	28.24 1.42 0.00	29.80 1.99 -0.20	32.15 2.22 -0.37	34.16 2.43 -0.53	37.78 2.67 -0.83	40.39 2.51 -0.96	43.01 2.18 -1.12	48.60 2.70 -0.89	62.69 3.46 -0.66	69.70 3.17 -0.46	65.65 2.34 0.00	54.28 1.22 0.00	50.65 0.99 0.01	43.82 0.69 0.01	38.83 1.85 0.00
FRESHKLS_33_KV_LOAD 356253	32.98 1.33 0.00	30.07 1.07 0.00	27.54 1.01 0.00	26.21 0.84 0.00	26.80 0.83 0.00	28.98 0.73 0.00	34.08 1.18 0.00	37.28 1.61 0.00	31.84 1.52 0.00	28.57 1.74 0.00	29.88 2.07 -0.20	32.12 2.19 -0.37	34.33 2.59 -0.55	37.84 2.74 -0.83	40.65 2.77 -0.96	43.49 2.66 -1.12	48.32 2.43 -0.88	61.45 2.23 -0.65	68.58 2.05 -0.46	65.01 1.71 0.00	54.02 0.96 0.00	50.41 0.74 0.00	44.21 1.08 0.00	38.61 1.63 0.00
FULTON COGEN____ 23766	31.18 -0.47 0.00	28.53 -0.46 0.00	26.08 -0.45 0.00	24.94 -0.43 0.00	25.53 -0.44 0.00	27.74 -0.51 0.00	32.27 -0.62 0.00	34.96 -0.71 0.00	29.78 -0.55 0.00	26.29 -0.54 0.00	27.09 -0.52 0.00	29.06 -0.50 0.00	30.63 -0.56 0.00	33.75 -0.51 0.00	36.41 -0.52 0.00	39.11 -0.60 0.00	44.29 -0.72 0.00	57.58 -1.00 0.00	65.08 -0.99 0.00	62.42 -0.89 0.00	52.32 -0.74 0.00	49.02 -0.65 0.00	42.62 -0.52 0.00	36.43 -0.55 0.00
FULTON___LFGE 323630	32.92 1.27 0.00	30.10 1.10 0.00	27.54 1.01 0.00	26.31 0.94 0.00	26.98 1.01 0.00	29.46 1.21 0.00	34.31 1.41 0.00	36.67 1.00 0.00	30.54 0.21 0.00	26.53 -0.29 0.00	26.91 -0.61 0.10	28.61 -0.77 0.18	30.02 -0.91 0.26	33.03 -0.82 0.41	35.55 -0.85 0.52	38.38 -0.71 0.61	44.26 -0.27 0.48	59.16 0.93 0.36	68.13 2.31 0.25	66.34 3.04 0.00	55.92 2.86 0.00	52.14 2.48 0.00	45.21 2.07 0.00	38.57 1.59 0.00
G.F.CEMENT___DRP 24184	32.60 0.95 0.00	29.84 0.84 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.77 0.80 0.00	29.21 0.96 0.00	34.04 1.15 0.00	36.78 1.11 0.00	31.05 0.73 0.00	27.28 0.46 0.00	27.59 0.14 0.16	29.36 0.09 0.29	30.74 -0.03 0.42	33.76 0.14 0.65	36.09 -0.04 0.80	38.81 0.04 0.94	44.76 0.50 0.74	59.44 1.41 0.55	68.13 2.44 0.38	65.77 2.47 0.00	55.50 2.44 0.00	51.60 1.94 0.00	44.73 1.60 0.00	38.20 1.22 0.00
GARDENVILLE___LBMP 24039	32.82 1.17 0.00	29.86 0.87 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.69 0.73 0.00	28.87 0.62 0.00	32.76 -0.13 0.00	34.75 -0.93 0.00	30.30 -0.03 0.00	26.58 -0.24 0.00	27.83 0.22 0.00	30.15 0.59 0.00	31.66 0.47 0.00	35.23 0.96 0.00	38.10 1.18 0.00	40.74 1.03 0.00	45.73 0.72 0.00	58.29 -0.29 0.00	66.20 0.13 0.00	63.18 -0.13 0.00	53.96 0.90 0.00	50.70 1.04 0.00	44.47 1.34 0.00	37.83 0.85 0.00
GARDNVLA_35_KV_LD 355827	32.98 1.33 0.00	29.98 0.99 0.00	27.38 0.85 0.00	26.18 0.81 0.00	26.80 0.83 0.00	28.95 0.71 0.00	32.89 0.00 0.00	34.89 -0.78 0.00	30.45 0.12 0.00	26.71 -0.11 0.00	27.97 0.36 0.00	30.33 0.77 0.00	31.85 0.66 0.00	35.47 1.20 0.00	38.36 1.44 0.00	41.01 1.31 0.00	46.00 0.99 0.00	58.64 0.06 0.00	66.60 0.53 0.00	63.49 0.19 0.00	54.23 1.17 0.00	50.95 1.29 0.00	44.73 1.60 0.00	37.98 1.00 0.00
GELCKHM___115KV_LOAD 80723	31.33 -0.32 0.00	28.68 -0.32 0.00	26.19 -0.34 0.00	25.07 -0.30 0.00	25.63 -0.34 0.00	27.88 -0.37 0.00	32.40 -0.49 0.00	35.10 -0.57 0.00	29.93 -0.39 0.00	26.42 -0.40 0.00	27.23 -0.39 0.00	29.20 -0.35 0.00	30.82 -0.37 0.00	33.96 -0.31 0.00	36.63 -0.30 0.00	39.31 -0.40 0.00	44.56 -0.45 0.00	57.93 -0.64 0.00	65.47 -0.59 0.00	62.73 -0.57 0.00	52.58 -0.48 0.00	49.26 -0.40 0.00	42.79 -0.35 0.00	36.58 -0.41 0.00
GENERAL___MILLS 23808	32.92 1.27 0.00	29.92 0.93 0.00	27.36 0.82 0.00	26.16 0.79 0.00	26.75 0.78 0.00	28.92 0.68 0.00	32.83 -0.07 0.00	34.82 -0.86 0.00	30.39 0.06 0.00	26.63 -0.19 0.00	27.89 0.28 0.00	30.24 0.68 0.00	31.75 0.56 0.00	35.33 1.06 0.00	38.21 1.29 0.00	40.89 1.19 0.00	45.87 0.86 0.00	58.46 -0.12 0.00	66.40 0.33 0.00	63.30 0.00 0.00	54.07 1.01 0.00	50.80 1.14 0.00	44.60 1.47 0.00	37.91 0.92 0.00
GE_PLASTICS___DRP 24183	31.62 -0.03 0.00	29.08 0.09 0.00	26.69 0.16 0.00	25.52 0.15 0.00	26.10 0.13 0.00	28.39 0.14 0.00	33.02 0.13 0.00	35.92 0.25 0.00	30.51 0.18 0.00	27.06 0.24 0.00	27.77 0.25 0.09	29.56 0.18 0.17	31.16 0.22 0.25	34.08 0.21 0.39	36.54 0.11 0.49	39.25 0.12 0.58	44.78 0.23 0.46	58.47 0.23 0.34	66.03 0.20 0.24	63.37 0.06 0.00	53.11 0.05 0.00	49.71 0.05 0.00	43.09 -0.04 0.00	37.02 0.04 0.00
GILBOA___1 23756	31.84 0.19 0.00	29.20 0.20 0.00	26.77 0.24 0.00	25.60 0.23 0.00	26.17 0.21 0.00	28.50 0.25 0.00	33.19 0.30 0.00	36.10 0.43 0.00	30.72 0.39 0.00	27.28 0.46 0.00	28.12 0.47 -0.04	30.08 0.44 -0.07	31.86 0.56 -0.11	35.02 0.58 -0.17	37.52 0.44 -0.15	40.32 0.44 -0.18	45.69 0.54 -0.14	59.04 0.35 -0.10	66.40 0.27 -0.07	63.49 0.19 0.00	53.27 0.21 0.00	49.96 0.30 0.00	43.35 0.22 0.00	37.21 0.22 0.00
GILBOA___2 23757	31.84 0.19 0.00	29.20 0.20 0.00	26.77 0.24 0.00	25.60 0.23 0.00	26.17 0.21 0.00	28.50 0.25 0.00	33.19 0.30 0.00	36.10 0.43 0.00	30.72 0.39 0.00	27.28 0.46 0.00	28.12 0.47 -0.04	30.08 0.44 -0.07	31.86 0.56 -0.11	35.02 0.58 -0.17	37.52 0.44 -0.15	40.32 0.44 -0.18	45.69 0.54 -0.14	59.04 0.35 -0.10	66.40 0.27 -0.07	63.49 0.19 0.00	53.27 0.21 0.00	49.96 0.30 0.00	43.35 0.22 0.00	37.21 0.22 0.00
GILBOA___3 23758	31.84 0.19 0.00	29.20 0.20 0.00	26.77 0.24 0.00	25.60 0.23 0.00	26.17 0.21 0.00	28.50 0.25 0.00	33.19 0.30 0.00	36.10 0.43 0.00	30.72 0.39 0.00	27.28 0.46 0.00	28.12 0.47 -0.04	30.08 0.44 -0.07	31.86 0.56 -0.11	35.02 0.58 -0.17	37.52 0.44 -0.15	40.32 0.44 -0.18	45.69 0.54 -0.14	59.04 0.35 -0.10	66.40 0.27 -0.07	63.49 0.19 0.00	53.27 0.21 0.00	49.96 0.30 0.00	43.35 0.22 0.00	37.21 0.22 0.00
GILBOA___4 23759	31.84 0.19 0.00	29.20 0.20 0.00	26.77 0.24 0.00	25.60 0.23 0.00	26.17 0.21 0.00	28.50 0.25 0.00	33.19 0.30 0.00	36.10 0.43 0.00	30.72 0.39 0.00	27.28 0.46 0.00	28.12 0.47 -0.04	30.08 0.44 -0.07	31.86 0.56 -0.11	35.02 0.58 -0.17	37.52 0.44 -0.15	40.32 0.44 -0.18	45.69 0.54 -0.14	59.04 0.35 -0.10	66.40 0.27 -0.07	63.49 0.19 0.00	53.27 0.21 0.00	49.96 0.30 0.00	43.35 0.22 0.00	37.21 0.22 0.00

GILBOA____ 23599	31.84 0.19 0.00	29.20 0.20 0.00	26.77 0.24 0.00	25.60 0.23 0.00	26.17 0.21 0.00	28.50 0.25 0.00	33.19 0.30 0.00	36.10 0.43 0.00	30.72 0.39 0.00	27.28 0.46 0.00	28.12 0.47 -0.04	30.08 0.44 -0.07	31.86 0.56 -0.11	35.02 0.58 -0.17	37.52 0.44 -0.15	40.32 0.44 -0.18	45.69 0.54 -0.14	59.03 0.35 -0.10	66.40 0.26 -0.07	63.49 0.19 0.00	53.27 0.21 0.00	49.96 0.30 0.00	43.35 0.22 0.00	37.24 0.26 0.00
GINNA____ 23603	30.83 -0.82 0.00	28.10 -0.90 0.00	25.66 -0.87 0.00	24.48 -0.89 0.00	25.06 -0.91 0.00	27.17 -1.07 0.00	31.35 -1.55 0.00	33.71 -1.96 0.00	28.99 -1.33 0.00	25.48 -1.34 0.00	26.43 -1.19 0.00	28.55 -1.01 0.00	30.01 -1.19 0.00	33.21 -1.06 0.00	35.93 -1.00 0.00	38.51 -1.19 0.00	43.53 -1.48 0.00	56.41 -2.17 0.00	63.95 -2.12 0.00	61.15 -2.15 0.00	51.57 -1.49 0.00	48.37 -1.29 0.00	42.19 -0.95 0.00	35.72 -1.26 0.00
GLEN PARK____ 23778	33.33 1.68 0.00	30.44 1.45 0.00	27.76 1.22 0.00	26.56 1.19 0.00	27.32 1.35 0.00	29.74 1.50 0.00	34.60 1.71 0.00	37.32 1.64 0.00	31.32 1.00 0.00	27.33 0.51 0.00	28.03 0.41 0.00	29.91 0.36 0.00	31.38 0.19 0.00	34.58 0.31 0.00	37.29 0.37 0.00	40.14 0.44 0.00	45.55 0.54 0.00	60.57 1.99 0.00	69.30 3.24 0.00	67.36 4.05 0.00	56.56 3.50 0.00	52.74 3.08 0.00	45.68 2.54 0.00	38.87 1.89 0.00
GLENDALE_27_KV_LOAD 356172	32.82 1.17 0.00	29.95 0.96 0.00	27.49 0.96 0.00	26.18 0.81 0.00	26.77 0.80 0.00	29.01 0.76 0.00	34.14 1.25 0.00	37.42 1.75 0.00	32.02 1.70 0.00	28.67 1.85 0.00	29.94 2.13 -0.20	32.18 2.25 -0.37	34.33 2.59 -0.55	37.81 2.71 -0.83	40.58 2.70 -0.96	43.61 2.78 -1.12	48.92 3.02 -0.89	62.22 2.99 -0.66	69.30 2.77 -0.46	65.71 2.41 0.00	54.39 1.33 0.00	51.10 1.44 0.00	44.56 1.42 0.00	38.65 1.66 0.00
GLENWOOD_IC_1_G5 23712	32.51 0.85 0.00	29.66 0.67 0.00	27.25 0.72 0.00	25.98 0.61 0.00	26.56 0.60 0.00	28.87 0.62 0.00	33.81 0.92 0.00	37.17 1.50 0.00	31.72 1.39 0.00	28.30 1.48 0.00	29.75 1.93 -0.20	32.00 2.07 -0.37	34.06 2.34 -0.53	37.64 2.54 -0.83	40.36 2.47 -0.96	43.17 2.34 -1.12	48.65 2.75 -0.89	62.17 2.93 -0.66	69.17 2.64 -0.46	65.33 2.03 0.00	54.12 1.06 0.00	50.60 0.94 0.00	44.12 0.99 0.00	38.61 1.63 0.00
GLENWOOD_IC_2_G1 23688	32.44 0.79 0.00	29.63 0.64 0.00	27.17 0.64 0.00	25.98 0.61 0.00	26.54 0.57 0.00	28.87 0.62 0.00	33.78 0.89 0.00	37.10 1.43 0.00	31.66 1.33 0.00	28.24 1.42 0.00	29.58 1.77 -0.20	31.83 1.89 -0.37	33.88 2.15 -0.53	37.40 2.30 -0.83	40.10 2.22 -0.96	42.93 2.10 -1.12	48.38 2.47 -0.89	62.11 2.87 -0.66	69.24 2.71 -0.46	65.46 2.15 0.00	54.28 1.22 0.00	50.80 1.14 0.00	44.04 0.91 0.00	38.39 1.40 0.00
GLENWOOD_IC_3_G1 23689	32.44 0.79 0.00	29.63 0.64 0.00	27.17 0.64 0.00	25.98 0.61 0.00	26.54 0.57 0.00	28.87 0.62 0.00	33.78 0.89 0.00	37.10 1.43 0.00	31.66 1.33 0.00	28.24 1.42 0.00	29.58 1.77 -0.20	31.83 1.89 -0.37	33.88 2.15 -0.53	37.40 2.30 -0.83	40.10 2.22 -0.96	42.93 2.10 -1.12	48.38 2.47 -0.89	62.11 2.87 -0.66	69.24 2.71 -0.46	65.46 2.15 0.00	54.28 1.22 0.00	50.80 1.14 0.00	44.04 0.91 0.00	38.39 1.40 0.00
GLENWOOD____4 23550	32.51 0.85 0.00	29.66 0.67 0.00	27.25 0.72 0.00	25.98 0.61 0.00	26.56 0.60 0.00	28.87 0.62 0.00	33.81 0.92 0.00	37.17 1.50 0.00	31.72 1.39 0.00	28.30 1.48 0.00	29.75 1.93 -0.20	32.00 2.07 -0.37	34.06 2.34 -0.53	37.64 2.54 -0.83	40.36 2.47 -0.96	43.17 2.34 -1.12	48.65 2.75 -0.89	62.28 3.05 -0.66	69.37 2.84 -0.46	65.52 2.22 0.00	54.28 1.22 0.00	50.75 1.09 0.00	44.12 0.99 0.00	38.61 1.63 0.00
GLENWOOD____5 23614	32.51 0.85 0.00	29.66 0.67 0.00	27.25 0.72 0.00	25.98 0.61 0.00	26.56 0.60 0.00	28.87 0.62 0.00	33.81 0.92 0.00	37.17 1.50 0.00	31.72 1.39 0.00	28.30 1.48 0.00	29.75 1.93 -0.20	32.00 2.07 -0.37	34.06 2.34 -0.53	37.64 2.54 -0.83	40.36 2.47 -0.96	43.17 2.34 -1.12	48.65 2.75 -0.89	62.28 3.05 -0.66	69.37 2.84 -0.46	65.52 2.22 0.00	54.28 1.22 0.00	50.75 1.09 0.00	44.12 0.99 0.00	38.61 1.63 0.00
GLOBAL GREEN_PORT_GT1 23814	31.97 0.32 0.00	29.02 0.03 0.00	26.59 0.05 0.00	25.40 0.03 0.00	25.91 -0.05 0.00	28.19 -0.06 0.00	32.53 -0.36 0.00	36.28 0.61 0.00	30.96 0.64 0.00	27.73 0.91 0.00	29.55 1.74 -0.20	31.91 1.98 -0.37	33.81 2.09 -0.53	37.88 2.77 -0.83	40.76 2.88 -0.96	43.57 2.74 -1.12	49.64 3.73 -0.89	64.34 5.09 -0.67	72.27 5.74 -0.46	68.11 4.81 0.00	56.14 3.08 0.00	52.13 2.48 0.01	44.85 1.73 0.01	39.98 2.99 0.00
GLOBE____DSASP 323697	31.90 0.25 0.00	29.02 0.03 0.00	26.53 0.00 0.00	25.37 0.00 0.00	25.94 -0.03 0.00	27.99 -0.25 0.00	31.87 -1.02 0.00	33.64 -2.03 0.00	29.42 -0.91 0.00	25.80 -1.02 0.00	27.03 -0.58 0.00	29.26 -0.30 0.00	30.66 -0.53 0.00	34.10 -0.17 0.00	36.89 -0.04 0.00	39.43 -0.28 0.00	44.11 -0.90 0.00	56.18 -2.40 0.00	63.69 -2.38 0.00	60.83 -2.47 0.00	52.00 -1.06 0.00	49.06 -0.60 0.00	43.18 0.04 0.00	36.65 -0.33 0.00
GOETHSLN____LBMP 323567	32.41 0.76 0.00	29.63 0.64 0.00	27.20 0.66 0.00	25.98 0.61 0.00	26.56 0.60 0.00	28.90 0.65 0.00	33.94 1.05 0.00	37.21 1.53 0.00	31.81 1.49 0.00	28.40 1.58 0.00	29.61 1.79 -0.20	31.79 1.86 -0.37	33.92 2.18 -0.55	37.33 2.23 -0.83	40.10 2.22 -0.96	43.09 2.26 -1.12	48.33 2.43 -0.89	61.93 2.69 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.07 1.01 0.00	50.90 1.24 0.00	44.21 1.08 0.00	38.20 1.22 0.00
GOLAH____69_KV_TB 1_2 80279	32.89 1.23 0.00	29.92 0.93 0.00	27.28 0.74 0.00	26.03 0.66 0.00	26.64 0.68 0.00	28.90 0.65 0.00	33.09 0.20 0.00	35.35 -0.32 0.00	30.51 0.18 0.00	26.71 -0.11 0.00	27.81 0.19 0.00	30.03 0.47 0.00	31.50 0.31 0.00	34.95 0.69 0.00	37.85 0.92 0.00	40.46 0.75 0.00	45.64 0.63 0.00	58.93 0.35 0.00	66.93 0.86 0.00	64.06 0.76 0.00	54.28 1.22 0.00	50.95 1.29 0.00	44.47 1.34 0.00	37.76 0.78 0.00
GOODYEAR_LAKE_HYD 323669	32.47 0.82 0.00	29.69 0.70 0.00	27.17 0.64 0.00	25.98 0.61 0.00	26.62 0.65 0.00	28.98 0.73 0.00	33.78 0.89 0.00	36.60 0.93 0.00	31.05 0.73 0.00	27.36 0.54 0.00	28.19 0.58 0.00	30.18 0.62 0.00	31.85 0.66 0.00	35.06 0.79 0.00	37.55 0.63 0.00	40.42 0.71 0.00	45.91 0.90 0.00	60.04 1.46 0.00	67.98 1.92 0.00	65.27 1.96 0.00	54.65 1.59 0.00	51.15 1.49 0.00	44.34 1.21 0.00	37.94 0.96 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.00 0.35 0.00	29.26 0.26 0.00	26.77 0.24 0.00	25.60 0.23 0.00	26.20 0.23 0.00	28.47 0.23 0.00	33.02 0.13 0.00	35.67 0.00 0.00	30.51 0.18 0.00	26.90 0.08 0.00	27.81 0.19 0.00	29.85 0.30 0.00	31.50 0.31 0.00	34.75 0.48 0.00	37.37 0.44 0.00	40.10 0.40 0.00	45.42 0.41 0.00	58.87 0.29 0.00	66.60 0.53 0.00	63.87 0.57 0.00	53.70 0.64 0.00	50.21 0.55 0.00	43.65 0.52 0.00	37.28 0.30 0.00

GOUDEY___7 23579	32.00 0.35 0.00	29.26 0.26 0.00	26.77 0.24 0.00	25.60 0.23 0.00	26.20 0.23 0.00	28.47 0.23 0.00	33.02 0.13 0.00	35.67 0.00 0.00	30.51 0.18 0.00	26.90 0.08 0.00	27.81 0.19 0.00	29.85 0.30 0.00	31.50 0.31 0.00	34.75 0.48 0.00	37.37 0.44 0.00	40.10 0.40 0.00	45.42 0.41 0.00	58.87 0.29 0.00	66.60 0.53 0.00	63.87 0.57 0.00	53.70 0.64 0.00	50.21 0.55 0.00	43.65 0.52 0.00	37.28 0.30 0.00
GOUDEY___8 23580	32.00 0.35 0.00	29.26 0.26 0.00	26.77 0.24 0.00	25.60 0.23 0.00	26.20 0.23 0.00	28.47 0.23 0.00	33.02 0.13 0.00	35.67 0.00 0.00	30.51 0.18 0.00	26.90 0.08 0.00	27.81 0.19 0.00	29.85 0.30 0.00	31.50 0.31 0.00	34.75 0.48 0.00	37.37 0.44 0.00	40.10 0.40 0.00	45.42 0.41 0.00	58.87 0.29 0.00	66.60 0.53 0.00	63.87 0.57 0.00	53.70 0.64 0.00	50.21 0.55 0.00	43.65 0.52 0.00	37.28 0.30 0.00
GOWANUS_GT1_1 24077	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT1_2 24078	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT1_3 24079	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT1_4 24080	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT1_5 24084	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT1_6 24111	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT1_7 24112	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT1_8 24113	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT2_1 24114	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT2_2 24115	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT2_3 24116	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT2_4 24117	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT2_5 24118	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00

GOWANUS_GT2_6 24119	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT2_7 24120	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT2_8 24121	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT3_1 24122	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT3_2 24123	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT3_3 24124	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT3_4 24125	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT3_5 24126	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT3_6 24127	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT3_7 24128	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT3_8 24129	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT4_1 24130	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT4_2 24131	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT4_3 24132	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT4_4 24133	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00

GOWANUS_GT4_5 24134	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT4_6 24135	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT4_7 24136	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GOWANUS_GT4_8 24137	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GREATVRV_69_KV_BK1 356245	32.63 0.98 0.00	29.66 0.67 0.00	27.30 0.77 0.00	25.96 0.58 0.00	26.51 0.55 0.00	28.81 0.56 0.00	33.62 0.72 0.00	37.28 1.61 0.00	31.75 1.43 0.00	28.35 1.53 0.00	30.05 2.24 -0.20	32.41 2.48 -0.37	34.38 2.65 -0.53	38.25 3.15 -0.83	40.98 3.10 -0.96	43.53 2.70 -1.12	49.23 3.33 -0.89	63.40 4.16 -0.66	70.49 3.96 -0.46	66.28 2.98 0.00	54.86 1.80 0.00	51.04 1.39 0.01	44.16 1.04 0.01	39.50 2.51 0.00
GREENBSH_115KV_TB3 55895	31.40 -0.25 0.00	28.94 -0.06 0.00	26.56 0.03 0.00	25.42 0.05 0.00	25.99 0.03 0.00	28.27 0.03 0.00	32.86 -0.03 0.00	35.78 0.11 0.00	30.39 0.06 0.00	26.93 0.11 0.00	27.58 0.11 0.14	29.30 0.00 0.26	30.85 0.03 0.37	33.65 -0.03 0.58	36.09 -0.11 0.72	38.74 -0.12 0.85	44.25 -0.09 0.67	58.02 -0.06 0.50	65.52 -0.20 0.35	63.05 -0.25 0.00	52.85 -0.21 0.00	49.41 -0.25 0.00	42.83 -0.30 0.00	36.80 -0.18 0.00
GREENDGE_115KV_TB5 80291	32.47 0.82 0.00	29.63 0.64 0.00	27.04 0.50 0.00	25.83 0.46 0.00	26.46 0.49 0.00	28.76 0.51 0.00	33.29 0.39 0.00	35.78 0.11 0.00	30.63 0.30 0.00	26.82 0.00 0.00	27.81 0.19 0.00	29.94 0.38 0.00	31.50 0.31 0.00	34.89 0.62 0.00	37.66 0.74 0.00	40.38 0.67 0.00	45.46 0.45 0.00	59.11 0.53 0.00	67.06 0.99 0.00	64.44 1.14 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.08 0.95 0.00	37.72 0.74 0.00
GREENIDGE___3 23582	32.47 0.82 0.00	29.63 0.64 0.00	27.04 0.50 0.00	25.83 0.46 0.00	26.46 0.49 0.00	28.76 0.51 0.00	33.29 0.39 0.00	35.78 0.11 0.00	30.63 0.30 0.00	26.82 0.00 0.00	27.81 0.19 0.00	29.94 0.38 0.00	31.50 0.31 0.00	34.89 0.62 0.00	37.66 0.74 0.00	40.38 0.67 0.00	45.46 0.45 0.00	59.11 0.53 0.00	67.06 0.99 0.00	64.44 1.14 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.08 0.95 0.00	37.72 0.74 0.00
GREENIDGE___4 23583	32.47 0.82 0.00	29.63 0.64 0.00	27.07 0.53 0.00	25.83 0.46 0.00	26.49 0.52 0.00	28.76 0.51 0.00	33.29 0.40 0.00	35.78 0.11 0.00	30.63 0.30 0.00	26.82 0.00 0.00	27.81 0.19 0.00	29.94 0.38 0.00	31.50 0.31 0.00	34.89 0.62 0.00	37.66 0.74 0.00	40.42 0.72 0.00	45.46 0.45 0.00	59.10 0.53 0.00	67.06 0.99 0.00	64.44 1.14 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.13 0.99 0.00	37.72 0.74 0.00
GREENLWN_69_KV_BK 3 55738	32.19 0.54 0.00	29.31 0.32 0.00	26.96 0.42 0.00	25.65 0.28 0.00	26.20 0.23 0.00	28.50 0.25 0.00	33.29 0.39 0.00	36.82 1.14 0.00	31.39 1.06 0.00	28.03 1.21 0.00	29.64 1.82 -0.20	31.94 2.01 -0.37	33.94 2.21 -0.53	37.64 2.54 -0.83	40.24 2.36 -0.96	42.46 1.63 -1.12	47.88 1.98 -0.89	61.69 2.46 -0.65	68.51 1.98 -0.46	64.51 1.20 0.00	53.38 0.32 0.00	49.65 0.00 0.01	43.04 -0.09 0.01	38.65 1.66 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00
GRISSOM___SOLAR 323813	32.85 1.20 0.00	30.04 1.04 0.00	27.49 0.95 0.00	26.26 0.89 0.00	26.93 0.96 0.00	29.41 1.16 0.00	34.24 1.35 0.00	36.64 0.96 0.00	30.51 0.18 0.00	26.53 -0.29 0.10	26.88 -0.63 0.19	28.51 -0.86 0.27	29.92 -1.00 0.42	32.96 -0.89 0.53	35.50 -0.89 0.62	38.32 -0.76 0.49	44.25 -0.27 0.37	59.09 0.88 0.26	68.06 2.25 0.00	66.15 2.85 0.00	55.71 2.65 0.00	52.00 2.33 0.00	45.08 1.94 0.00	38.50 1.52 0.00
GROVEVILLE___HYD 323602	32.51 0.85 0.00	29.75 0.75 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	33.94 1.05 0.00	37.07 1.39 0.00	31.57 1.24 0.00	28.06 1.23 -0.16	29.13 1.35 -0.30	31.22 1.36 -0.43	33.28 1.65 -0.68	36.62 1.68 -0.77	39.36 1.66 -0.90	42.39 1.79 -0.90	47.84 2.12 -0.72	61.80 2.69 -0.53	69.15 2.71 -0.37	65.65 2.34 0.00	54.70 1.64 0.00	51.15 1.49 0.00	44.39 1.25 0.00	38.20 1.22 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.52 -0.13 0.00	28.85 -0.14 0.00	26.35 -0.19 0.00	25.19 -0.18 0.00	25.79 -0.18 0.00	28.05 -0.20 0.00	32.63 -0.26 0.00	35.32 -0.36 0.00	30.11 -0.21 0.00	26.55 -0.27 0.00	27.39 -0.22 0.00	29.38 -0.18 0.00	30.97 -0.22 0.00	34.13 -0.14 0.00	36.85 -0.07 0.00	39.54 -0.16 0.00	44.83 -0.18 0.00	58.34 -0.23 0.00	65.93 -0.13 0.00	63.24 -0.06 0.00	53.01 -0.05 0.00	49.61 -0.05 0.00	43.09 -0.04 0.00	36.80 -0.18 0.00
HAMLTNNY_34_KV_TB 80303	31.78 0.13 0.00	29.05 0.06 0.00	26.51 -0.03 0.00	25.35 -0.03 0.00	25.94 -0.03 0.00	28.22 -0.03 0.00	32.76 -0.13 0.00	35.42 -0.25 0.00	30.26 -0.06 0.00	26.63 -0.19 0.00	27.50 -0.11 0.00	29.56 0.00 0.00	31.13 -0.06 0.00	34.34 0.07 0.00	37.07 0.15 0.00	39.78 0.08 0.00	45.10 0.09 0.00	58.64 0.06 0.00	66.33 0.26 0.00	63.62 0.32 0.00	53.38 0.32 0.00	49.96 0.30 0.00	43.44 0.30 0.00	37.02 0.04 0.00

HAMPSHIRE___PAPER_HYD 323593	32.85 1.20 0.00	30.04 1.04 0.00	27.41 0.87 0.00	26.21 0.84 0.00	26.90 0.93 0.00	29.26 1.02 0.00	34.17 1.28 0.00	36.89 1.21 0.00	30.99 0.67 0.00	27.20 0.38 0.00	27.92 0.30 0.00	29.74 0.18 0.00	31.10 -0.09 0.00	34.10 -0.17 0.00	36.74 -0.18 0.00	39.51 -0.20 0.00	44.88 -0.13 0.00	59.57 0.99 0.00	67.52 1.45 0.00	65.27 1.96 0.00	54.71 1.65 0.00	51.00 1.34 0.00	44.43 1.29 0.00	38.09 1.11 0.00
HARDSCRABBLE_WT_PWR 323673	32.22 0.57 0.00	29.49 0.49 0.00	26.99 0.45 0.00	25.83 0.46 0.00	26.43 0.47 0.00	28.78 0.54 0.00	33.52 0.62 0.00	36.35 0.68 0.00	30.87 0.55 0.00	27.28 0.46 0.00	28.05 0.44 0.00	30.03 0.47 0.00	31.69 0.50 0.00	34.85 0.58 0.00	37.55 0.63 0.00	40.34 0.63 0.00	45.73 0.72 0.00	59.57 0.99 0.00	67.19 1.12 0.00	64.38 1.08 0.00	54.02 0.96 0.00	50.60 0.94 0.00	43.95 0.82 0.00	37.68 0.70 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.35 0.70 0.00	29.60 0.61 0.00	27.17 0.64 0.00	25.96 0.58 0.00	26.54 0.57 0.00	28.90 0.65 0.00	33.81 0.92 0.00	36.89 1.21 0.00	31.45 1.12 0.00	27.98 1.15 0.00	29.07 1.30 -0.16	31.18 1.33 -0.29	33.20 1.59 -0.42	36.53 1.61 -0.66	39.18 1.51 -0.74	42.16 1.59 -0.87	47.55 1.85 -0.69	61.37 2.28 -0.51	68.67 2.25 -0.36	65.27 1.96 0.00	54.33 1.27 0.00	50.80 1.14 0.00	44.08 0.95 0.00	37.94 0.96 0.00
HARSNRAD_115KV_TB1 81005	32.89 1.23 0.00	29.89 0.90 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.69 0.73 0.00	28.84 0.59 0.00	32.43 -0.46 0.00	34.39 -1.28 0.00	30.02 -0.30 0.00	26.31 -0.51 0.00	27.56 -0.06 0.00	29.85 0.30 0.00	31.32 0.12 0.00	34.82 0.55 0.00	37.70 0.78 0.00	40.30 0.60 0.00	45.15 0.14 0.00	57.58 -1.00 0.00	65.41 -0.66 0.00	62.42 -0.89 0.00	53.33 0.27 0.00	50.26 0.60 0.00	44.17 1.04 0.00	37.72 0.74 0.00
HARZA MOOSE___RIVER 24016	32.63 0.98 0.00	29.84 0.84 0.00	27.25 0.72 0.00	26.08 0.71 0.00	26.75 0.78 0.00	29.12 0.88 0.00	33.91 1.02 0.00	36.71 1.03 0.00	30.99 0.67 0.00	27.20 0.38 0.00	27.92 0.30 0.00	29.82 0.27 0.00	31.38 0.19 0.00	34.54 0.27 0.00	37.25 0.33 0.00	40.10 0.40 0.00	45.55 0.54 0.00	60.04 1.46 0.00	68.18 2.11 0.00	65.71 2.41 0.00	55.08 2.02 0.00	51.20 1.54 0.00	44.39 1.25 0.00	37.87 0.89 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.33 -0.32 0.00	28.68 -0.32 0.00	26.22 -0.32 0.00	25.07 -0.30 0.00	25.66 -0.31 0.00	27.88 -0.37 0.00	32.43 -0.46 0.00	35.10 -0.57 0.00	29.96 -0.36 0.00	26.42 -0.40 0.00	27.25 -0.36 0.00	29.23 -0.33 0.00	30.85 -0.34 0.00	33.99 -0.27 0.00	36.66 -0.26 0.00	39.31 -0.40 0.00	44.61 -0.41 0.00	57.93 -0.64 0.00	65.47 -0.59 0.00	62.73 -0.57 0.00	52.58 -0.48 0.00	49.26 -0.40 0.00	42.79 -0.35 0.00	36.58 -0.41 0.00
HELLGATE_13_KV_LD 55870	32.82 1.17 0.00	29.95 0.96 0.00	27.49 0.96 0.00	26.18 0.81 0.00	26.77 0.80 0.00	28.98 0.73 0.00	34.11 1.22 0.00	37.39 1.71 0.00	32.02 1.70 0.00	28.67 1.85 0.00	29.94 2.13 -0.20	32.15 2.22 -0.37	34.30 2.56 -0.55	37.77 2.67 -0.83	40.54 2.66 -0.96	43.57 2.74 -1.12	48.87 2.97 -0.89	62.11 2.87 -0.66	69.24 2.71 -0.46	65.65 2.34 0.00	54.33 1.27 0.00	51.05 1.39 0.00	44.52 1.38 0.00	38.61 1.63 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.82 1.17 0.00	29.95 0.96 0.00	27.49 0.96 0.00	26.18 0.81 0.00	26.77 0.80 0.00	28.98 0.73 0.00	34.11 1.22 0.00	37.39 1.71 0.00	32.02 1.70 0.00	28.67 1.85 0.00	29.94 2.13 -0.20	32.15 2.22 -0.37	34.30 2.56 -0.55	37.77 2.67 -0.83	40.54 2.66 -0.96	43.57 2.74 -1.12	48.87 2.97 -0.89	62.11 2.87 -0.66	69.24 2.71 -0.46	65.65 2.34 0.00	54.33 1.27 0.00	51.05 1.39 0.00	44.52 1.38 0.00	38.61 1.63 0.00
HEMPSTEAD___ 23647	32.28 0.63 0.00	29.43 0.44 0.00	26.96 0.42 0.00	25.78 0.40 0.00	26.33 0.36 0.00	28.61 0.37 0.00	33.48 0.59 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.11 1.29 0.00	29.64 1.82 -0.20	31.91 1.98 -0.37	33.91 2.18 -0.53	37.50 2.40 -0.83	40.13 2.25 -0.96	42.77 1.94 -1.12	48.29 2.38 -0.89	62.11 2.87 -0.66	69.10 2.57 -0.46	65.14 1.84 0.00	53.86 0.80 0.00	50.30 0.64 0.01	43.60 0.48 0.01	38.50 1.52 0.00
HICKLING___1 23621	32.47 0.82 0.00	29.63 0.64 0.00	27.09 0.56 0.00	25.88 0.51 0.00	26.51 0.55 0.00	28.81 0.56 0.00	33.29 0.39 0.00	35.71 0.04 0.00	30.63 0.30 0.00	26.88 0.05 0.00	27.92 0.30 0.00	30.06 0.50 0.00	31.69 0.50 0.00	35.09 0.82 0.00	37.85 0.92 0.00	40.54 0.83 0.00	45.87 0.86 0.00	59.28 0.70 0.00	67.06 0.99 0.00	64.38 1.08 0.00	54.33 1.27 0.00	50.80 1.14 0.00	44.21 1.08 0.00	37.65 0.67 0.00
HICKLING___2 23622	32.47 0.82 0.00	29.63 0.64 0.00	27.09 0.56 0.00	25.88 0.51 0.00	26.51 0.55 0.00	28.81 0.56 0.00	33.29 0.39 0.00	35.71 0.04 0.00	30.63 0.30 0.00	26.88 0.05 0.00	27.92 0.30 0.00	30.06 0.50 0.00	31.69 0.50 0.00	35.09 0.82 0.00	37.85 0.92 0.00	40.54 0.83 0.00	45.87 0.86 0.00	59.28 0.70 0.00	67.06 0.99 0.00	64.38 1.08 0.00	54.33 1.27 0.00	50.80 1.14 0.00	44.21 1.08 0.00	37.65 0.67 0.00
HIGH FALLS___HY 23754	32.47 0.82 0.00	29.69 0.70 0.00	27.22 0.69 0.00	26.03 0.66 0.00	26.59 0.62 0.00	28.95 0.71 0.00	33.88 0.99 0.00	36.96 1.28 0.00	31.51 1.18 0.00	28.00 1.18 0.00	29.01 1.30 -0.10	31.05 1.30 -0.19	33.08 1.62 -0.27	36.33 1.64 -0.42	39.01 1.62 -0.46	41.99 1.75 -0.54	47.51 2.07 -0.43	61.59 2.69 -0.32	69.06 2.77 -0.22	65.84 2.53 0.00	54.76 1.70 0.00	51.20 1.54 0.00	44.39 1.25 0.00	38.17 1.18 0.00
HIGH_RIVER___SOLAR 323847	32.35 0.70 0.00	29.63 0.64 0.00	27.15 0.61 0.00	25.96 0.58 0.00	26.56 0.60 0.00	28.95 0.71 0.00	33.71 0.82 0.00	36.32 0.64 0.00	30.51 0.18 0.00	26.71 -0.11 0.00	27.14 -0.36 0.11	28.91 -0.44 0.20	30.40 -0.50 0.29	33.33 -0.48 0.46	35.80 -0.55 0.57	38.64 -0.40 0.67	44.43 -0.04 0.53	58.95 0.76 0.39	67.24 1.45 0.28	65.01 1.71 0.00	54.65 1.59 0.00	51.05 1.39 0.00	44.25 1.12 0.00	37.91 0.92 0.00
HILLBURN___GT 23639	32.35 0.70 0.00	29.57 0.58 0.00	27.15 0.61 0.00	25.96 0.58 0.00	26.51 0.55 0.00	28.87 0.62 0.00	33.81 0.92 0.00	36.96 1.28 0.00	31.54 1.21 0.00	28.08 1.26 0.00	29.21 1.43 -0.17	31.34 1.48 -0.31	33.32 1.68 -0.44	36.67 1.71 -0.69	39.33 1.62 -0.78	42.25 1.63 -0.92	47.59 1.85 -0.73	61.22 2.11 -0.54	68.42 1.98 -0.38	64.95 1.64 0.00	54.07 1.01 0.00	50.60 0.94 0.00	43.91 0.78 0.00	37.87 0.89 0.00
HILLSIDE_115KV_TB1 80332	32.06 0.41 0.00	29.26 0.26 0.00	26.77 0.24 0.00	25.58 0.20 0.00	26.20 0.23 0.00	28.47 0.23 0.00	32.89 0.00 0.00	35.39 -0.29 0.00	30.36 0.03 0.00	26.66 -0.16 0.00	27.67 0.06 0.00	29.77 0.21 0.00	31.38 0.19 0.00	34.71 0.45 0.00	37.44 0.52 0.00	40.10 0.40 0.00	45.33 0.32 0.00	58.58 0.00 0.00	65.87 -0.20 0.00	63.24 -0.06 0.00	53.38 0.32 0.00	49.91 0.25 0.00	43.39 0.26 0.00	37.02 0.04 0.00

HISHELDN_WT_PWR 323625	32.69 1.04 0.00	29.80 0.81 0.00	27.28 0.74 0.00	26.01 0.63 0.00	26.67 0.70 0.00	28.78 0.54 0.00	32.83 -0.07 0.00	34.78 -0.89 0.00	30.17 -0.15 0.00	26.45 -0.38 0.00	27.64 0.03 0.00	29.91 0.36 0.00	31.47 0.28 0.00	34.95 0.69 0.00	37.81 0.88 0.00	40.46 0.75 0.00	45.42 0.40 0.00	58.11 -0.47 0.00	66.07 0.00 0.00	63.30 0.00 0.00	53.91 0.85 0.00	50.60 0.94 0.00	44.43 1.29 0.00	37.76 0.78 0.00
HOLTSVILLE_IC_1 23690	32.09 0.44 0.00	29.20 0.20 0.00	26.75 0.21 0.00	25.57 0.20 0.00	26.12 0.16 0.00	28.39 0.14 0.00	33.09 0.20 0.00	36.71 1.04 0.00	31.30 0.97 0.00	27.92 1.10 0.00	29.58 1.77 -0.20	31.91 1.98 -0.37	33.81 2.09 -0.53	37.60 2.50 -0.83	40.13 2.25 -0.96	42.57 1.74 -1.12	48.29 2.38 -0.89	62.17 2.93 -0.67	69.10 2.57 -0.46	65.01 1.71 0.00	53.80 0.74 0.00	50.10 0.45 0.01	43.30 0.17 0.01	38.79 1.81 0.00
HOLTSVILLE_IC_10 23699	32.22 0.57 0.00	29.28 0.29 0.00	26.83 0.29 0.00	25.65 0.28 0.00	26.20 0.23 0.00	28.47 0.22 0.00	33.19 0.30 0.00	36.85 1.18 0.00	31.42 1.09 0.00	28.03 1.21 0.00	29.72 1.90 -0.20	32.06 2.13 -0.37	33.97 2.25 -0.53	37.81 2.71 -0.83	40.39 2.51 -0.96	42.89 2.06 -1.12	48.69 2.79 -0.89	62.65 3.40 -0.67	69.63 3.11 -0.46	65.46 2.15 0.00	54.18 1.12 0.00	50.45 0.79 0.01	43.56 0.43 0.01	38.98 2.00 0.00
HOLTSVILLE_IC_2 23691	32.09 0.44 0.00	29.20 0.20 0.00	26.75 0.21 0.00	25.57 0.20 0.00	26.12 0.16 0.00	28.39 0.14 0.00	33.09 0.20 0.00	36.71 1.04 0.00	31.30 0.97 0.00	27.92 1.10 0.00	29.58 1.77 -0.20	31.91 1.98 -0.37	33.81 2.09 -0.53	37.60 2.50 -0.83	40.13 2.25 -0.96	42.57 1.74 -1.12	48.29 2.38 -0.89	62.17 2.93 -0.67	69.10 2.57 -0.46	65.01 1.71 0.00	53.80 0.74 0.00	50.10 0.45 0.01	43.30 0.17 0.01	38.79 1.81 0.00
HOLTSVILLE_IC_3 23692	32.09 0.44 0.00	29.20 0.20 0.00	26.75 0.21 0.00	25.57 0.20 0.00	26.12 0.16 0.00	28.39 0.14 0.00	33.09 0.20 0.00	36.71 1.04 0.00	31.30 0.97 0.00	27.92 1.10 0.00	29.58 1.77 -0.20	31.91 1.98 -0.37	33.81 2.09 -0.53	37.60 2.50 -0.83	40.13 2.25 -0.96	42.57 1.74 -1.12	48.29 2.38 -0.89	62.17 2.93 -0.67	69.10 2.57 -0.46	65.01 1.71 0.00	53.80 0.74 0.00	50.10 0.45 0.01	43.30 0.17 0.01	38.79 1.81 0.00
HOLTSVILLE_IC_4 23693	32.09 0.44 0.00	29.20 0.20 0.00	26.75 0.21 0.00	25.57 0.20 0.00	26.12 0.16 0.00	28.39 0.14 0.00	33.09 0.20 0.00	36.71 1.04 0.00	31.30 0.97 0.00	27.92 1.10 0.00	29.58 1.77 -0.20	31.91 1.98 -0.37	33.81 2.09 -0.53	37.60 2.50 -0.83	40.13 2.25 -0.96	42.57 1.74 -1.12	48.29 2.38 -0.89	62.17 2.93 -0.67	69.10 2.57 -0.46	65.01 1.71 0.00	53.80 0.74 0.00	50.10 0.45 0.01	43.30 0.17 0.01	38.79 1.81 0.00
HOLTSVILLE_IC_5 23694	32.09 0.44 0.00	29.20 0.20 0.00	26.75 0.21 0.00	25.57 0.20 0.00	26.12 0.16 0.00	28.39 0.14 0.00	33.09 0.20 0.00	36.71 1.04 0.00	31.30 0.97 0.00	27.92 1.10 0.00	29.58 1.77 -0.20	31.91 1.98 -0.37	33.81 2.09 -0.53	37.60 2.50 -0.83	40.13 2.25 -0.96	42.57 1.74 -1.12	48.29 2.38 -0.89	62.17 2.93 -0.67	69.10 2.57 -0.46	65.01 1.71 0.00	53.80 0.74 0.00	50.10 0.45 0.01	43.30 0.17 0.01	38.79 1.81 0.00
HOLTSVILLE_IC_6 23695	32.22 0.57 0.00	29.28 0.29 0.00	26.83 0.29 0.00	25.65 0.28 0.00	26.20 0.23 0.00	28.47 0.22 0.00	33.19 0.30 0.00	36.85 1.18 0.00	31.42 1.09 0.00	28.03 1.21 0.00	29.72 1.90 -0.20	32.06 2.13 -0.37	33.97 2.25 -0.53	37.81 2.71 -0.83	40.39 2.51 -0.96	42.89 2.06 -1.12	48.69 2.79 -0.89	62.65 3.40 -0.67	69.63 3.11 -0.46	65.46 2.15 0.00	54.18 1.12 0.00	50.45 0.79 0.01	43.56 0.43 0.01	38.98 2.00 0.00
HOLTSVILLE_IC_7 23696	32.22 0.57 0.00	29.28 0.29 0.00	26.83 0.29 0.00	25.65 0.28 0.00	26.20 0.23 0.00	28.47 0.22 0.00	33.19 0.30 0.00	36.85 1.18 0.00	31.42 1.09 0.00	28.03 1.21 0.00	29.72 1.90 -0.20	32.06 2.13 -0.37	33.97 2.25 -0.53	37.81 2.71 -0.83	40.39 2.51 -0.96	42.89 2.06 -1.12	48.69 2.79 -0.89	62.65 3.40 -0.67	69.63 3.11 -0.46	65.46 2.15 0.00	54.18 1.12 0.00	50.45 0.79 0.01	43.56 0.43 0.01	38.98 2.00 0.00
HOLTSVILLE_IC_8 23697	32.22 0.57 0.00	29.28 0.29 0.00	26.83 0.29 0.00	25.65 0.28 0.00	26.20 0.23 0.00	28.47 0.22 0.00	33.19 0.30 0.00	36.85 1.18 0.00	31.42 1.09 0.00	28.03 1.21 0.00	29.72 1.90 -0.20	32.06 2.13 -0.37	33.97 2.25 -0.53	37.81 2.71 -0.83	40.39 2.51 -0.96	42.89 2.06 -1.12	48.69 2.79 -0.89	62.65 3.40 -0.67	69.63 3.11 -0.46	65.46 2.15 0.00	54.18 1.12 0.00	50.45 0.79 0.01	43.56 0.43 0.01	38.98 2.00 0.00
HOLTSVILLE_IC_9 23698	32.22 0.57 0.00	29.28 0.29 0.00	26.83 0.29 0.00	25.65 0.28 0.00	26.20 0.23 0.00	28.47 0.22 0.00	33.19 0.30 0.00	36.85 1.18 0.00	31.42 1.09 0.00	28.03 1.21 0.00	29.72 1.90 -0.20	32.06 2.13 -0.37	33.97 2.25 -0.53	37.81 2.71 -0.83	40.39 2.51 -0.96	42.89 2.06 -1.12	48.69 2.79 -0.89	62.65 3.40 -0.67	69.63 3.11 -0.46	65.46 2.15 0.00	54.18 1.12 0.00	50.45 0.79 0.01	43.56 0.43 0.01	38.98 2.00 0.00
HOMER_HL_115KV_TB2 355744	32.22 0.57 0.00	29.31 0.32 0.00	26.85 0.32 0.00	25.68 0.30 0.00	26.28 0.31 0.00	28.50 0.25 0.00	32.66 -0.23 0.00	34.68 -1.00 0.00	30.17 -0.15 0.00	26.45 -0.38 0.00	27.64 0.03 0.00	29.88 0.33 0.00	31.47 0.28 0.00	34.99 0.72 0.00	37.77 0.85 0.00	40.42 0.71 0.00	45.42 0.41 0.00	57.82 -0.76 0.00	65.67 -0.40 0.00	62.73 -0.57 0.00	53.59 0.53 0.00	50.01 0.35 0.00	43.74 0.60 0.00	37.20 0.22 0.00
HOWARD_WT_PWR 323690	32.95 1.30 0.00	30.04 1.04 0.00	27.46 0.93 0.00	26.21 0.84 0.00	26.90 0.93 0.00	29.15 0.90 0.00	33.52 0.62 0.00	35.71 0.04 0.00	30.66 0.33 0.00	26.79 -0.03 0.00	27.89 0.28 0.00	30.15 0.59 0.00	31.72 0.53 0.00	35.23 0.96 0.00	38.07 1.15 0.00	40.78 1.07 0.00	46.00 0.99 0.00	59.40 0.82 0.00	67.72 1.65 0.00	65.20 1.90 0.00	55.24 2.18 0.00	51.70 2.04 0.00	45.08 1.94 0.00	38.24 1.26 0.00
HQ_GEN_CEDARS 23644	32.57 0.92 0.00	29.84 0.84 0.00	27.25 0.72 0.00	26.06 0.69 0.00	26.72 0.75 0.00	29.04 0.79 0.00	33.98 1.09 0.00	36.67 1.00 0.00	30.90 0.58 0.00	27.25 0.43 0.00	27.97 0.36 0.00	29.91 0.35 0.00	31.41 0.22 0.00	34.41 0.14 0.00	37.00 0.07 0.00	39.86 0.16 0.00	45.15 0.14 0.00	59.57 1.00 0.00	67.06 0.99 0.00	64.63 1.33 0.00	54.17 1.11 0.00	50.60 0.94 0.00	44.13 0.99 0.00	37.94 0.96 0.00
HQ_GEN_CEDARS_PROXY 323590	32.57 0.92 0.00	29.84 0.84 0.00	27.25 0.72 0.00	26.06 0.69 0.00	26.72 0.75 0.00	29.04 0.79 0.00	33.98 1.08 0.00	36.67 1.00 0.00	30.90 0.57 0.00	27.25 0.43 0.00	27.97 0.36 0.00	29.91 0.36 0.00	31.41 0.22 0.00	34.41 0.14 0.00	37.00 0.07 0.00	39.86 0.16 0.00	45.15 0.14 0.00	59.57 0.99 0.00	67.06 0.99 0.00	62.61 1.33 2.03	56.20 1.12 -2.03	50.60 0.94 0.00	44.13 0.99 0.00	37.94 0.96 0.00

HQ_GEN_IMPORT 323601	31.94 0.28 0.00	29.25 0.26 0.00	26.75 0.21 0.00	25.57 0.20 0.00	26.20 0.23 0.00	28.50 0.25 0.00	33.22 0.33 0.00	35.99 0.32 0.00	30.51 0.18 0.00	26.98 0.16 0.00	27.75 0.14 0.00	29.71 0.15 0.00	31.32 0.13 0.00	34.37 0.10 0.00	37.00 0.07 0.00	39.86 0.16 0.00	45.15 0.14 0.00	58.93 0.35 0.00	66.47 0.40 0.00	61.72 0.45 2.03	55.46 0.37 -2.03	49.96 0.30 0.00	43.44 0.30 0.00	37.28 0.29 0.00
HQ_GEN_WHEEL 23651	31.94 0.28 0.00	29.25 0.26 0.00	26.75 0.21 0.00	25.57 0.20 0.00	26.20 0.23 0.00	28.50 0.25 0.00	33.22 0.33 0.00	35.99 0.32 0.00	30.51 0.18 0.00	26.98 0.16 0.00	27.75 0.14 0.00	29.71 0.15 0.00	31.32 0.13 0.00	34.37 0.10 0.00	37.00 0.07 0.00	39.86 0.16 0.00	45.15 0.14 0.00	58.93 0.35 0.00	66.47 0.40 0.00	61.72 0.45 2.03	55.46 0.37 -2.03	49.96 0.30 0.00	43.44 0.30 0.00	37.28 0.29 0.00
HUDSON AVE_GT_3 23810	32.63 0.98 0.00	29.81 0.81 0.00	27.38 0.85 0.00	26.13 0.76 0.00	26.72 0.75 0.00	29.07 0.82 0.00	34.14 1.25 0.00	37.42 1.75 0.00	31.96 1.64 0.00	28.54 1.72 0.00	29.75 1.93 -0.20	31.94 2.01 -0.37	34.08 2.34 -0.55	37.53 2.43 -0.83	40.28 2.40 -0.96	43.29 2.46 -1.12	48.65 2.75 -0.89	62.34 3.10 -0.66	69.50 2.97 -0.46	65.84 2.53 0.00	54.49 1.43 0.00	51.20 1.54 0.00	44.52 1.38 0.00	38.42 1.44 0.00
HUDSON AVE_GT_4 23540	32.63 0.98 0.00	29.81 0.81 0.00	27.38 0.85 0.00	26.13 0.76 0.00	26.72 0.75 0.00	29.07 0.82 0.00	34.14 1.25 0.00	37.42 1.75 0.00	31.96 1.64 0.00	28.54 1.72 0.00	29.75 1.93 -0.20	31.94 2.01 -0.37	34.08 2.34 -0.55	37.53 2.43 -0.83	40.28 2.40 -0.96	43.29 2.46 -1.12	48.65 2.75 -0.89	62.34 3.10 -0.66	69.50 2.97 -0.46	65.84 2.53 0.00	54.49 1.43 0.00	51.20 1.54 0.00	44.52 1.38 0.00	38.42 1.44 0.00
HUDSON AVE_GT_5 23657	32.63 0.98 0.00	29.81 0.81 0.00	27.38 0.85 0.00	26.13 0.76 0.00	26.72 0.75 0.00	29.07 0.82 0.00	34.14 1.25 0.00	37.42 1.75 0.00	31.96 1.64 0.00	28.54 1.72 0.00	29.75 1.93 -0.20	31.94 2.01 -0.37	34.08 2.34 -0.55	37.53 2.43 -0.83	40.28 2.40 -0.96	43.29 2.46 -1.12	48.65 2.75 -0.89	62.34 3.10 -0.66	69.50 2.97 -0.46	65.84 2.53 0.00	54.49 1.43 0.00	51.20 1.54 0.00	44.52 1.38 0.00	38.42 1.44 0.00
HUDSON_AVE_10 24168	32.51 0.85 0.00	29.72 0.72 0.00	27.28 0.74 0.00	26.06 0.69 0.00	26.62 0.65 0.00	28.95 0.71 0.00	34.04 1.15 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.48 1.66 0.00	29.66 1.85 -0.20	31.85 1.92 -0.37	33.98 2.25 -0.55	37.43 2.33 -0.83	40.21 2.33 -0.96	43.17 2.34 -1.12	48.51 2.61 -0.89	62.22 2.99 -0.66	69.30 2.77 -0.46	65.65 2.34 0.00	54.33 1.27 0.00	51.05 1.39 0.00	44.39 1.25 0.00	38.35 1.37 0.00
HUDSON___115KV_TB 4 355613	32.00 0.35 0.00	29.46 0.46 0.00	27.01 0.48 0.00	25.85 0.48 0.00	26.43 0.47 0.00	28.81 0.56 0.00	33.45 0.56 0.00	36.28 0.61 0.00	30.69 0.36 0.00	27.09 0.27 0.00	27.85 0.33 0.09	29.60 0.21 0.17	31.20 0.25 0.24	34.16 0.27 0.38	36.66 0.22 0.48	39.46 0.32 0.56	45.15 0.59 0.45	59.42 1.17 0.33	67.42 1.59 0.23	64.57 1.27 0.00	54.28 1.22 0.00	50.60 0.94 0.00	43.87 0.73 0.00	37.57 0.59 0.00
HUNTER MOUNT___DRP 323613	32.09 0.44 0.00	29.55 0.55 0.00	27.09 0.56 0.00	25.93 0.56 0.00	26.49 0.52 0.00	28.90 0.65 0.00	33.55 0.66 0.00	36.32 0.64 0.00	30.69 0.36 0.00	27.04 0.21 0.00	27.92 0.36 0.05	29.69 0.24 0.10	31.33 0.28 0.14	34.35 0.31 0.23	36.92 0.30 0.30	39.79 0.44 0.35	45.50 0.77 0.28	59.90 1.52 0.21	68.04 2.11 0.14	64.89 1.58 0.00	54.55 1.49 0.00	50.85 1.19 0.00	44.04 0.91 0.00	37.72 0.74 0.00
HUNTINGTON_RES_REC 323705	32.22 0.57 0.00	29.28 0.29 0.00	26.83 0.29 0.00	25.65 0.28 0.00	26.17 0.21 0.00	28.47 0.22 0.00	33.22 0.33 0.00	36.82 1.14 0.00	31.39 1.06 0.00	28.03 1.21 0.00	29.69 1.88 -0.20	32.03 2.10 -0.37	34.00 2.28 -0.53	37.78 2.67 -0.83	40.28 2.40 -0.96	42.66 1.83 -1.12	48.33 2.43 -0.89	62.26 2.99 -0.70	69.10 2.57 -0.46	64.95 1.64 0.00	53.75 0.69 0.00	50.05 0.40 0.01	43.26 0.13 0.01	38.79 1.81 0.00
HUNTLEY___63 23557	32.92 1.27 0.00	29.92 0.93 0.00	27.33 0.80 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.87 0.62 0.00	32.69 -0.20 0.00	34.60 -1.07 0.00	30.23 -0.09 0.00	26.50 -0.32 0.00	27.78 0.17 0.00	30.12 0.56 0.00	31.60 0.41 0.00	35.19 0.93 0.00	38.07 1.14 0.00	40.70 0.99 0.00	45.64 0.63 0.00	58.11 -0.47 0.00	66.00 -0.07 0.00	62.92 -0.38 0.00	53.75 0.69 0.00	50.60 0.94 0.00	44.47 1.34 0.00	37.83 0.85 0.00
HUNTLEY___64 23558	32.92 1.27 0.00	29.92 0.93 0.00	27.33 0.80 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.87 0.62 0.00	32.69 -0.20 0.00	34.60 -1.07 0.00	30.23 -0.09 0.00	26.50 -0.32 0.00	27.78 0.17 0.00	30.12 0.56 0.00	31.60 0.41 0.00	35.19 0.93 0.00	38.07 1.14 0.00	40.70 0.99 0.00	45.64 0.63 0.00	58.11 -0.47 0.00	66.00 -0.07 0.00	62.92 -0.38 0.00	53.75 0.69 0.00	50.60 0.94 0.00	44.47 1.34 0.00	37.83 0.85 0.00
HUNTLEY___65 23559	32.92 1.27 0.00	29.92 0.93 0.00	27.33 0.80 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.87 0.62 0.00	32.69 -0.20 0.00	34.60 -1.07 0.00	30.23 -0.09 0.00	26.50 -0.32 0.00	27.78 0.17 0.00	30.12 0.56 0.00	31.60 0.41 0.00	35.19 0.93 0.00	38.07 1.14 0.00	40.70 0.99 0.00	45.64 0.63 0.00	58.11 -0.47 0.00	66.00 -0.07 0.00	62.92 -0.38 0.00	53.75 0.69 0.00	50.60 0.94 0.00	44.47 1.34 0.00	37.83 0.85 0.00
HUNTLEY___66 23560	32.92 1.27 0.00	29.92 0.93 0.00	27.33 0.80 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.87 0.62 0.00	32.69 -0.20 0.00	34.60 -1.07 0.00	30.23 -0.09 0.00	26.50 -0.32 0.00	27.78 0.17 0.00	30.12 0.56 0.00	31.60 0.41 0.00	35.19 0.93 0.00	38.07 1.14 0.00	40.70 0.99 0.00	45.64 0.63 0.00	58.11 -0.47 0.00	66.00 -0.07 0.00	62.92 -0.38 0.00	53.75 0.69 0.00	50.60 0.94 0.00	44.47 1.34 0.00	37.83 0.85 0.00
HUNTLEY___67 23561	32.60 0.95 0.00	29.66 0.67 0.00	27.12 0.58 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.64 0.40 0.00	32.50 -0.39 0.00	34.46 -1.21 0.00	30.08 -0.24 0.00	26.39 -0.43 0.00	27.61 0.00 0.00	29.91 0.35 0.00	31.41 0.22 0.00	34.92 0.65 0.00	37.77 0.85 0.00	40.38 0.67 0.00	45.28 0.27 0.00	57.70 -0.88 0.00	65.47 -0.59 0.00	62.48 -0.82 0.00	53.38 0.32 0.00	50.26 0.60 0.00	44.17 1.04 0.00	37.50 0.52 0.00
HUNTLEY___68 23562	32.60 0.95 0.00	29.66 0.67 0.00	27.12 0.58 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.64 0.40 0.00	32.50 -0.39 0.00	34.46 -1.21 0.00	30.08 -0.24 0.00	26.39 -0.43 0.00	27.61 0.00 0.00	29.91 0.35 0.00	31.41 0.22 0.00	34.92 0.65 0.00	37.77 0.85 0.00	40.38 0.67 0.00	45.28 0.27 0.00	57.70 -0.88 0.00	65.47 -0.59 0.00	62.48 -0.82 0.00	53.38 0.32 0.00	50.26 0.60 0.00	44.17 1.04 0.00	37.50 0.52 0.00

HYLAND___LFGE 323620	34.15 2.50 0.00	31.05 2.06 0.00	28.31 1.78 0.00	27.00 1.63 0.00	27.71 1.74 0.00	30.06 1.81 0.00	34.54 1.64 0.00	36.50 0.82 0.00	30.96 0.64 0.00	26.85 0.03 0.00	27.81 0.19 0.00	29.94 0.38 0.00	31.44 0.25 0.00	34.89 0.62 0.00	37.88 0.96 0.00	40.62 0.91 0.00	46.05 1.04 0.00	60.16 1.58 0.00	69.70 3.63 0.00	67.86 4.56 0.00	57.67 4.61 0.00	54.03 4.37 0.00	47.02 3.88 0.00	39.61 2.63 0.00
INDECK___CORINTH 23802	32.22 0.57 0.00	29.49 0.49 0.00	27.01 0.48 0.00	25.80 0.43 0.00	26.43 0.47 0.00	28.84 0.59 0.00	33.62 0.72 0.00	36.32 0.64 0.00	30.72 0.39 0.00	26.98 0.16 0.00	27.27 -0.19 0.15	29.01 -0.27 0.28	30.39 -0.41 0.40	33.41 -0.24 0.62	35.64 -0.52 0.77	38.29 -0.52 0.90	44.16 -0.13 0.71	58.64 0.59 0.53	67.28 1.58 0.37	64.95 1.64 0.00	54.81 1.75 0.00	50.95 1.29 0.00	44.13 0.99 0.00	37.72 0.74 0.00
INDECK___ILION 23567	31.94 0.28 0.00	29.26 0.26 0.00	26.77 0.24 0.00	25.63 0.25 0.00	26.23 0.26 0.00	28.53 0.28 0.00	33.25 0.36 0.00	36.07 0.39 0.00	30.63 0.30 0.00	27.06 0.24 0.00	27.86 0.25 0.00	29.80 0.24 0.00	31.44 0.25 0.00	34.58 0.31 0.00	37.29 0.37 0.00	40.06 0.36 0.00	45.46 0.45 0.00	59.22 0.64 0.00	66.79 0.73 0.00	64.00 0.70 0.00	53.64 0.58 0.00	50.21 0.55 0.00	43.61 0.47 0.00	37.39 0.41 0.00
INDECK___OLEAN 23982	32.22 0.57 0.00	29.37 0.38 0.00	26.93 0.40 0.00	25.68 0.31 0.00	26.36 0.39 0.00	28.50 0.25 0.00	32.70 -0.20 0.00	34.68 -1.00 0.00	30.14 -0.18 0.00	26.45 -0.38 0.00	27.64 0.03 0.00	29.88 0.33 0.00	31.47 0.28 0.00	34.99 0.72 0.00	37.77 0.85 0.00	40.46 0.75 0.00	45.42 0.40 0.00	57.82 -0.76 0.00	65.67 -0.39 0.00	62.79 -0.51 0.00	53.59 0.53 0.00	50.01 0.35 0.00	43.78 0.65 0.00	37.24 0.26 0.00
INDECK___OSWEGO 23783	30.99 -0.67 0.00	28.36 -0.64 0.00	25.95 -0.58 0.00	24.81 -0.56 0.00	25.40 -0.57 0.00	27.60 -0.65 0.00	32.10 -0.79 0.00	34.78 -0.89 0.00	29.60 -0.73 0.00	26.12 -0.70 0.00	26.92 -0.69 0.00	28.85 -0.71 0.00	30.41 -0.78 0.00	33.48 -0.79 0.00	36.14 -0.78 0.00	38.83 -0.87 0.00	43.62 -1.40 0.00	56.70 -1.88 0.00	64.09 -1.98 0.00	61.53 -1.77 0.00	51.57 -1.49 0.00	48.32 -1.34 0.00	42.31 -0.82 0.00	36.17 -0.81 0.00
INDECK___YERKES 23781	32.95 1.30 0.00	29.98 0.99 0.00	27.44 0.90 0.00	26.16 0.79 0.00	26.80 0.83 0.00	28.90 0.65 0.00	32.73 -0.16 0.00	34.64 -1.04 0.00	30.27 -0.06 0.00	26.53 -0.29 0.00	27.81 0.19 0.00	30.15 0.59 0.00	31.63 0.44 0.00	35.23 0.96 0.00	38.10 1.18 0.00	40.78 1.07 0.00	45.69 0.68 0.00	58.17 -0.41 0.00	66.07 0.00 0.00	63.05 -0.25 0.00	53.86 0.80 0.00	50.65 0.99 0.00	44.60 1.47 0.00	37.91 0.92 0.00
INDIAN POINT_GT_1 24139	32.32 0.66 0.00	29.55 0.55 0.00	27.14 0.61 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.81 0.56 0.00	33.78 0.89 0.00	36.92 1.25 0.00	31.51 1.18 0.00	28.06 1.23 0.00	29.21 1.41 -0.19	31.36 1.45 -0.36	33.42 1.72 -0.51	36.81 1.75 -0.80	39.50 1.66 -0.92	42.48 1.71 -1.07	47.80 1.94 -0.85	61.43 2.23 -0.63	68.56 2.05 -0.44	65.08 1.77 0.00	54.07 1.01 0.00	50.65 0.99 0.00	43.95 0.82 0.00	37.94 0.96 0.00
INDIAN POINT_GT_2 23659	32.32 0.66 0.00	29.55 0.55 0.00	27.14 0.61 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.81 0.56 0.00	33.78 0.89 0.00	36.92 1.25 0.00	31.51 1.18 0.00	28.06 1.23 0.00	29.21 1.41 -0.19	31.36 1.45 -0.36	33.42 1.72 -0.51	36.81 1.75 -0.80	39.50 1.66 -0.92	42.48 1.71 -1.07	47.80 1.94 -0.85	61.43 2.23 -0.63	68.56 2.05 -0.44	65.08 1.77 0.00	54.07 1.01 0.00	50.65 0.99 0.00	43.95 0.82 0.00	37.94 0.96 0.00
INDIAN POINT_GT_3 24019	32.32 0.66 0.00	29.55 0.55 0.00	27.14 0.61 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.81 0.56 0.00	33.78 0.89 0.00	36.92 1.25 0.00	31.51 1.18 0.00	28.06 1.23 0.00	29.21 1.41 -0.19	31.36 1.45 -0.36	33.42 1.72 -0.51	36.81 1.75 -0.80	39.50 1.66 -0.92	42.48 1.71 -1.07	47.80 1.94 -0.85	61.43 2.23 -0.63	68.56 2.05 -0.44	65.08 1.77 0.00	54.07 1.01 0.00	50.65 0.99 0.00	43.95 0.82 0.00	37.94 0.96 0.00
INDIAN POINT___2 23530	32.28 0.63 0.00	29.52 0.52 0.00	27.09 0.56 0.00	25.91 0.53 0.00	26.49 0.52 0.00	28.81 0.56 0.00	33.75 0.85 0.00	36.89 1.21 0.00	31.48 1.15 0.00	28.03 1.21 0.00	29.18 1.38 -0.18	31.35 1.45 -0.34	33.39 1.71 -0.49	36.77 1.75 -0.76	39.41 1.62 -0.87	42.35 1.63 -1.01	47.71 1.89 -0.80	61.28 2.11 -0.59	68.40 1.92 -0.42	64.95 1.64 0.00	53.96 0.90 0.00	50.60 0.94 0.00	43.91 0.78 0.00	37.87 0.89 0.00
INDIAN POINT___3 23531	32.28 0.63 0.00	29.55 0.55 0.00	27.12 0.58 0.00	25.93 0.56 0.00	26.49 0.52 0.00	28.81 0.56 0.00	33.75 0.86 0.00	36.92 1.25 0.00	31.48 1.15 0.00	28.06 1.23 0.00	29.21 1.41 -0.19	31.36 1.45 -0.36	33.42 1.72 -0.51	36.78 1.71 -0.80	39.46 1.62 -0.92	42.40 1.63 -1.07	47.75 1.89 -0.85	61.32 2.11 -0.63	68.42 1.92 -0.44	64.95 1.65 0.00	54.02 0.96 0.00	50.60 0.94 0.00	43.91 0.78 0.00	37.91 0.92 0.00
INGHAM_C_115KV_TB7 356103	32.35 0.70 0.00	29.63 0.64 0.00	27.09 0.56 0.00	25.93 0.56 0.00	26.54 0.57 0.00	28.90 0.65 0.00	33.65 0.76 0.00	36.49 0.82 0.00	30.99 0.67 0.00	27.38 0.56 0.00	28.16 0.55 0.00	30.15 0.59 0.00	31.78 0.59 0.00	34.95 0.69 0.00	37.70 0.78 0.00	40.50 0.79 0.00	45.91 0.90 0.00	59.81 1.23 0.00	67.45 1.39 0.00	64.63 1.33 0.00	54.28 1.22 0.00	50.85 1.19 0.00	44.17 1.04 0.00	37.87 0.89 0.00
IP CORINTH___1 23988	32.38 0.73 0.00	29.63 0.64 0.00	27.14 0.61 0.00	25.93 0.56 0.00	26.59 0.62 0.00	29.01 0.76 0.00	33.81 0.92 0.00	36.53 0.86 0.00	30.87 0.55 0.00	27.14 0.32 0.00	27.41 -0.06 0.15	29.16 -0.12 0.28	30.54 -0.25 0.40	33.58 -0.07 0.62	35.86 -0.30 0.77	38.52 -0.28 0.90	44.43 0.14 0.71	58.99 0.94 0.53	67.68 1.98 0.37	65.33 2.03 0.00	55.13 2.07 0.00	51.25 1.59 0.00	44.39 1.25 0.00	37.94 0.96 0.00
IP___TICONDEROGA 23804	33.58 1.93 0.00	30.68 1.68 0.00	28.10 1.57 0.00	26.79 1.42 0.00	27.52 1.56 0.00	30.08 1.84 0.00	35.03 2.14 0.00	37.64 1.96 0.00	31.66 1.33 0.00	27.68 0.86 0.00	27.96 0.50 0.15	29.75 0.47 0.29	31.03 0.25 0.41	34.28 0.65 0.64	36.58 0.44 0.79	39.42 0.64 0.92	45.63 1.35 0.73	61.03 2.99 0.54	70.31 4.62 0.38	68.18 4.87 0.00	57.78 4.72 0.00	53.48 3.82 0.00	46.33 3.19 0.00	39.46 2.48 0.00
ISLIP_RES_REC 323679	32.35 0.70 0.00	29.40 0.41 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.28 0.31 0.00	28.59 0.34 0.00	33.29 0.40 0.00	36.99 1.32 0.00	31.54 1.21 0.00	28.16 1.34 0.00	29.86 2.04 -0.20	32.24 2.31 -0.37	34.13 2.40 -0.53	38.01 2.91 -0.83	40.65 2.77 -0.96	43.17 2.34 -1.12	49.01 3.10 -0.89	63.11 3.87 -0.67	70.16 3.63 -0.46	65.90 2.60 0.00	54.54 1.48 0.00	50.74 1.09 0.01	43.82 0.69 0.01	39.20 2.22 0.00

JAMAICA__27_KV_LOAD 355505	32.60 0.95 0.00	29.78 0.78 0.00	27.30 0.77 0.00	26.08 0.71 0.00	26.64 0.68 0.00	29.04 0.79 0.00	34.21 1.32 0.00	37.56 1.89 0.00	32.11 1.79 0.00	28.70 1.88 0.00	29.77 1.96 -0.20	31.97 2.04 -0.37	34.14 2.40 -0.55	37.60 2.50 -0.83	40.39 2.51 -0.96	43.33 2.50 -1.12	48.78 2.88 -0.89	62.52 3.28 -0.66	69.63 3.11 -0.46	66.03 2.72 0.00	54.44 1.38 0.00	51.20 1.54 0.00	44.60 1.47 0.00	38.54 1.55 0.00
JANIS__SOLAR 323808	32.32 0.67 0.00	29.57 0.58 0.00	27.01 0.48 0.00	25.80 0.43 0.00	26.43 0.47 0.00	28.76 0.51 0.00	33.45 0.56 0.00	36.03 0.36 0.00	30.51 0.18 0.00	26.66 -0.16 0.00	27.34 -0.28 0.00	29.23 -0.32 0.00	30.85 -0.34 0.00	34.03 -0.24 0.00	36.67 -0.26 0.00	39.47 -0.24 0.00	45.06 0.05 0.00	59.05 0.47 0.00	67.46 1.39 0.00	65.14 1.84 0.00	54.60 1.54 0.00	51.10 1.44 0.00	44.30 1.17 0.00	37.80 0.81 0.00
JARVIS____ 23743	31.62 -0.03 0.00	28.97 -0.03 0.00	26.51 -0.03 0.00	25.35 -0.03 0.00	25.94 -0.03 0.00	28.25 0.00 0.00	32.86 -0.03 0.00	35.67 0.00 0.00	30.33 0.00 0.00	26.82 0.00 0.00	27.59 -0.03 0.00	29.53 -0.03 0.00	31.16 -0.03 0.00	34.23 -0.03 0.00	36.92 0.00 0.00	39.70 0.00 0.00	45.06 0.05 0.00	58.64 0.06 0.00	66.13 0.07 0.00	63.37 0.06 0.00	53.11 0.05 0.00	49.66 0.00 0.00	43.13 0.00 0.00	36.98 0.00 0.00
JENNISON____1 23625	33.49 1.84 0.00	30.59 1.59 0.00	27.94 1.41 0.00	26.74 1.37 0.00	27.45 1.48 0.00	29.89 1.64 0.00	34.77 1.87 0.00	37.64 1.96 0.00	31.87 1.55 0.00	27.84 1.02 0.00	28.69 1.05 -0.03	30.77 1.15 -0.06	32.42 1.15 -0.08	35.86 1.47 -0.12	38.47 1.55 0.00	41.45 1.75 0.00	47.13 2.12 0.00	62.09 3.51 0.00	70.63 4.56 0.00	67.86 4.56 0.00	56.88 3.82 0.00	53.19 3.53 0.00	46.02 2.89 0.00	39.20 2.22 0.00
JENNISON____2 23626	33.49 1.84 0.00	30.59 1.59 0.00	27.94 1.41 0.00	26.74 1.37 0.00	27.45 1.48 0.00	29.89 1.64 0.00	34.77 1.87 0.00	37.64 1.96 0.00	31.87 1.55 0.00	27.84 1.02 0.00	28.69 1.05 -0.03	30.77 1.15 -0.06	32.42 1.15 -0.08	35.86 1.47 -0.12	38.47 1.55 0.00	41.45 1.75 0.00	47.13 2.12 0.00	62.09 3.51 0.00	70.63 4.56 0.00	67.86 4.56 0.00	56.88 3.82 0.00	53.19 3.53 0.00	46.02 2.89 0.00	39.20 2.22 0.00
JERICOHO_RISE_WT_PWR 323719	32.41 0.76 0.00	29.69 0.69 0.00	27.15 0.61 0.00	25.96 0.58 0.00	26.62 0.65 0.00	28.95 0.71 0.00	33.78 0.89 0.00	36.53 0.85 0.00	30.81 0.48 0.00	27.22 0.40 0.00	27.95 0.33 0.00	29.94 0.38 0.00	31.50 0.31 0.00	34.54 0.27 0.00	37.14 0.22 0.00	39.98 0.28 0.00	45.33 0.32 0.00	59.63 1.06 0.00	67.32 1.25 0.00	64.69 1.39 0.00	54.18 1.12 0.00	50.60 0.94 0.00	44.00 0.86 0.00	37.72 0.74 0.00
KATONAH__115KV_46KV_TB4 355592	32.47 0.82 0.00	29.69 0.70 0.00	27.25 0.72 0.00	26.03 0.66 0.00	26.62 0.65 0.00	28.92 0.68 0.00	33.88 0.99 0.00	37.10 1.43 0.00	31.60 1.27 0.00	28.14 1.31 0.00	29.34 1.52 -0.20	31.45 1.51 -0.38	33.54 1.81 -0.54	36.97 1.85 -0.85	39.75 1.85 -0.98	42.76 1.91 -1.15	48.13 2.21 -0.91	61.94 2.69 -0.67	69.18 2.64 -0.47	65.52 2.22 0.00	54.49 1.43 0.00	51.05 1.39 0.00	44.26 1.12 0.00	38.13 1.15 0.00
KCE_NY_1 323755	32.57 0.92 0.00	29.84 0.84 0.00	27.33 0.80 0.00	26.13 0.76 0.00	26.75 0.78 0.00	29.18 0.93 0.00	33.98 1.08 0.00	36.78 1.11 0.00	31.11 0.79 0.00	27.41 0.59 0.16	27.87 0.41 0.30	29.65 0.38 0.42	31.14 0.38 0.42	34.09 0.48 0.66	36.51 0.41 0.82	39.26 0.51 0.96	45.20 0.95 0.76	59.66 1.64 0.56	67.92 2.25 0.39	65.52 2.21 0.00	55.13 2.07 0.00	51.40 1.74 0.00	44.56 1.42 0.00	38.13 1.15 0.00
KCE_NY_6_ESR 323823	32.92 1.27 0.00	29.98 0.99 0.00	27.44 0.90 0.00	26.16 0.79 0.00	26.82 0.86 0.00	28.95 0.71 0.00	32.89 0.00 0.00	34.85 -0.82 0.00	30.39 0.06 0.00	26.66 -0.16 0.00	27.92 0.30 0.00	30.24 0.68 0.00	31.78 0.59 0.00	35.36 1.10 0.00	38.25 1.33 0.00	40.94 1.23 0.00	45.91 0.90 0.00	58.52 -0.06 0.00	66.47 0.40 0.00	63.43 0.13 0.00	54.18 1.12 0.00	50.85 1.19 0.00	44.69 1.55 0.00	37.98 1.00 0.00
KEDC_PORT_JEFF_GT2 24210	32.22 0.57 0.00	29.28 0.29 0.00	26.83 0.29 0.00	25.65 0.28 0.00	26.17 0.21 0.00	28.47 0.22 0.00	33.15 0.26 0.00	36.82 1.14 0.00	31.39 1.06 0.00	28.03 1.21 0.00	29.69 1.88 -0.20	32.03 2.10 -0.37	33.94 2.21 -0.53	37.78 2.67 -0.83	40.36 2.47 -0.96	42.85 2.02 -1.12	48.60 2.70 -0.89	62.30 3.04 -0.67	69.17 2.65 -0.46	65.01 1.71 0.00	54.12 1.06 0.00	50.35 0.69 0.01	43.51 0.39 0.01	38.94 1.96 0.00
KEDC_PORT_JEFF_GT3 24211	32.22 0.57 0.00	29.28 0.29 0.00	26.83 0.29 0.00	25.65 0.28 0.00	26.17 0.21 0.00	28.47 0.22 0.00	33.15 0.26 0.00	36.82 1.14 0.00	31.39 1.06 0.00	28.03 1.21 0.00	29.69 1.88 -0.20	32.03 2.10 -0.37	33.94 2.21 -0.53	37.78 2.67 -0.83	40.36 2.47 -0.96	42.85 2.02 -1.12	48.60 2.70 -0.89	62.30 3.04 -0.67	69.17 2.65 -0.46	65.01 1.71 0.00	54.12 1.06 0.00	50.35 0.69 0.01	43.51 0.39 0.01	38.94 1.96 0.00
KEDC_GLWD_GT4 24219	32.51 0.85 0.00	29.66 0.67 0.00	27.20 0.66 0.00	25.98 0.61 0.00	26.54 0.57 0.00	28.87 0.62 0.00	33.81 0.92 0.00	37.17 1.50 0.00	31.72 1.40 0.00	28.30 1.47 0.00	29.75 1.93 -0.20	32.00 2.07 -0.37	34.07 2.34 -0.53	37.64 2.54 -0.83	40.32 2.44 -0.96	43.13 2.30 -1.12	48.65 2.75 -0.89	62.17 2.93 -0.66	69.17 2.65 -0.46	65.33 2.03 0.00	54.07 1.01 0.00	50.60 0.94 0.00	44.08 0.95 0.00	38.57 1.59 0.00
KEDC_GLWD_GT5 24220	32.51 0.85 0.00	29.66 0.67 0.00	27.20 0.66 0.00	25.98 0.61 0.00	26.54 0.57 0.00	28.87 0.62 0.00	33.81 0.92 0.00	37.17 1.50 0.00	31.72 1.40 0.00	28.30 1.47 0.00	29.75 1.93 -0.20	32.00 2.07 -0.37	34.07 2.34 -0.53	37.64 2.54 -0.83	40.32 2.44 -0.96	43.13 2.30 -1.12	48.65 2.75 -0.89	62.17 2.93 -0.66	69.17 2.65 -0.46	65.33 2.03 0.00	54.07 1.01 0.00	50.60 0.94 0.00	44.08 0.95 0.00	38.57 1.59 0.00
KENSICO____ 23655	32.41 0.76 0.00	29.63 0.64 0.00	27.22 0.69 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.90 0.65 0.00	33.88 0.99 0.00	37.07 1.39 0.00	31.63 1.30 0.00	28.19 1.37 0.00	29.36 1.55 -0.20	31.52 1.60 -0.37	33.62 1.90 -0.53	37.05 1.95 -0.82	39.75 1.88 -0.95	42.72 1.91 -1.11	48.05 2.16 -0.88	61.75 2.52 -0.65	68.84 2.31 -0.46	65.33 2.03 0.00	54.23 1.17 0.00	50.85 1.19 0.00	44.13 0.99 0.00	38.09 1.11 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.47 0.82 0.00	29.69 0.70 0.00	27.22 0.69 0.00	26.03 0.66 0.00	26.59 0.62 0.00	28.95 0.71 0.00	33.88 0.99 0.00	36.92 1.25 0.00	31.45 1.12 0.00	27.92 1.10 0.00	28.94 1.21 -0.11	30.98 1.21 -0.21	32.99 1.50 -0.30	36.28 1.54 -0.47	38.95 1.51 -0.52	41.94 1.63 -0.61	47.47 1.98 -0.48	61.57 2.64 -0.35	69.09 2.77 -0.25	65.84 2.53 0.00	54.81 1.75 0.00	51.20 1.54 0.00	44.39 1.25 0.00	38.17 1.18 0.00

KIAC_JFK_GT1 23816	32.41 0.76 0.00	29.60 0.61 0.00	27.17 0.64 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.90 0.65 0.00	34.04 1.15 0.00	37.35 1.68 0.00	31.96 1.64 0.00	28.54 1.72 0.00	29.61 1.79 -0.20	31.82 1.89 -0.37	33.95 2.21 -0.55	37.40 2.30 -0.83	40.13 2.25 -0.96	42.93 2.10 -1.12	48.29 2.39 -0.89	61.93 2.69 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	53.91 0.85 0.00	50.70 1.04 0.00	44.21 1.08 0.00	38.31 1.33 0.00
KIAC_JFK_GT2 23817	32.41 0.76 0.00	29.60 0.61 0.00	27.17 0.64 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.90 0.65 0.00	34.04 1.15 0.00	37.35 1.68 0.00	31.96 1.64 0.00	28.54 1.72 0.00	29.61 1.79 -0.20	31.82 1.89 -0.37	33.95 2.21 -0.55	37.40 2.30 -0.83	40.13 2.25 -0.96	42.93 2.10 -1.12	48.29 2.39 -0.89	61.93 2.69 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	53.91 0.85 0.00	50.70 1.04 0.00	44.21 1.08 0.00	38.31 1.33 0.00
KIAC_JFK____ 323774	32.41 0.76 0.00	29.60 0.61 0.00	27.15 0.61 0.00	25.93 0.56 0.00	26.49 0.52 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.35 1.68 0.00	31.96 1.64 0.00	28.54 1.72 0.00	29.61 1.79 -0.20	31.82 1.89 -0.37	33.95 2.21 -0.55	37.40 2.30 -0.83	40.13 2.25 -0.96	42.93 2.10 -1.12	48.29 2.38 -0.89	61.93 2.70 -0.66	68.97 2.45 -0.46	65.39 2.09 0.00	53.91 0.85 0.00	50.71 1.04 0.00	44.17 1.03 0.00	38.28 1.29 0.00
KINTIGH__24_KV_GSU 356498	32.32 0.67 0.00	29.46 0.46 0.00	26.99 0.45 0.00	25.70 0.33 0.00	26.33 0.36 0.00	28.42 0.17 0.00	32.43 -0.46 0.00	34.53 -1.14 0.00	30.02 -0.30 0.00	26.37 -0.46 0.00	27.53 -0.08 0.00	29.77 0.21 0.00	31.19 0.00 0.00	34.65 0.38 0.00	37.48 0.55 0.00	40.10 0.40 0.00	45.01 0.00 0.00	57.64 -0.94 0.00	65.28 -0.79 0.00	62.48 -0.82 0.00	53.17 0.11 0.00	50.01 0.35 0.00	43.91 0.78 0.00	37.24 0.26 0.00
KINTIGH____ 23543	32.32 0.66 0.00	29.43 0.43 0.00	26.91 0.37 0.00	25.70 0.33 0.00	26.28 0.31 0.00	28.42 0.17 0.00	32.40 -0.49 0.00	34.53 -1.14 0.00	30.02 -0.30 0.00	26.37 -0.46 0.00	27.53 -0.08 0.00	29.77 0.21 0.00	31.19 0.00 0.00	34.65 0.38 0.00	37.48 0.55 0.00	40.10 0.40 0.00	45.01 0.00 0.00	57.64 -0.94 0.00	65.27 -0.79 0.00	62.42 -0.89 0.00	53.11 0.05 0.00	50.01 0.35 0.00	43.87 0.73 0.00	37.20 0.22 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.95 1.30 0.00	30.18 1.19 0.00	27.57 1.03 0.00	26.34 0.96 0.00	27.06 1.09 0.00	29.40 1.16 0.00	34.37 1.48 0.00	37.14 1.46 0.00	31.27 0.94 0.00	27.60 0.78 0.00	28.33 0.72 0.00	30.36 0.80 0.00	31.94 0.75 0.00	35.06 0.79 0.00	37.66 0.74 0.00	40.54 0.83 0.00	46.00 0.99 0.00	60.75 2.17 0.00	68.58 2.51 0.00	65.90 2.60 0.00	55.24 2.18 0.00	51.50 1.84 0.00	44.77 1.64 0.00	38.39 1.41 0.00
LACHUTE____HYDRO 323717	33.58 1.93 0.00	30.68 1.68 0.00	28.07 1.54 0.00	26.79 1.42 0.00	27.52 1.56 0.00	30.08 1.83 0.00	35.03 2.14 0.00	37.63 1.96 0.00	31.66 1.33 0.00	27.68 0.86 0.00	27.96 0.50 0.15	29.74 0.47 0.29	31.03 0.25 0.41	34.28 0.65 0.64	36.58 0.44 0.79	39.41 0.63 0.92	45.63 1.35 0.73	61.02 2.99 0.54	70.31 4.62 0.38	68.18 4.87 0.00	57.78 4.72 0.00	53.48 3.82 0.00	46.33 3.19 0.00	39.46 2.48 0.00
LAWRNCALV_115KV_TB1 80681	32.79 1.14 0.00	30.01 1.01 0.00	27.41 0.88 0.00	26.18 0.81 0.00	26.88 0.91 0.00	29.21 0.96 0.00	34.14 1.25 0.00	36.85 1.18 0.00	30.96 0.64 0.00	27.25 0.43 0.00	27.97 0.36 0.00	29.80 0.24 0.00	31.13 -0.06 0.00	33.99 -0.27 0.00	36.59 -0.33 0.00	39.39 -0.32 0.00	44.65 -0.36 0.00	59.28 0.70 0.00	66.86 0.79 0.00	64.51 1.20 0.00	54.07 1.01 0.00	50.60 0.94 0.00	44.21 1.08 0.00	38.05 1.07 0.00
LEDERLE____ 23769	32.44 0.79 0.00	29.69 0.70 0.00	27.25 0.72 0.00	26.03 0.66 0.00	26.62 0.65 0.00	28.95 0.71 0.00	33.94 1.05 0.00	37.10 1.43 0.00	31.63 1.30 0.00	28.19 1.37 0.00	29.31 1.52 -0.17	31.45 1.57 -0.32	33.50 1.84 -0.46	36.88 1.88 -0.72	39.52 1.77 -0.83	42.46 1.79 -0.97	47.85 2.07 -0.77	61.55 2.40 -0.57	68.78 2.31 -0.40	65.27 1.96 0.00	54.33 1.27 0.00	50.85 1.19 0.00	44.13 0.99 0.00	38.05 1.07 0.00
LIGHTHSE_115KV_TB6 355974	31.78 0.13 0.00	29.05 0.06 0.00	26.53 0.00 0.00	25.40 0.03 0.00	26.02 0.05 0.00	28.30 0.06 0.00	32.93 0.03 0.00	35.60 -0.07 0.00	30.20 -0.12 0.00	26.58 -0.24 0.00	27.34 -0.28 0.00	29.26 -0.30 0.00	30.82 -0.37 0.00	33.96 -0.31 0.00	36.63 -0.30 0.00	39.35 -0.36 0.00	44.43 -0.59 0.00	58.17 -0.41 0.00	66.00 -0.07 0.00	63.56 0.25 0.00	53.33 0.27 0.00	49.91 0.25 0.00	43.48 0.35 0.00	37.09 0.11 0.00
LINDEN COGEN____ 23786	32.41 0.76 0.00	29.60 0.61 0.00	27.17 0.64 0.00	25.98 0.61 0.00	26.54 0.57 0.00	28.87 0.62 0.00	33.91 1.02 0.00	37.21 1.53 0.00	31.78 1.46 0.00	28.38 1.56 0.00	29.61 1.79 -0.20	31.76 1.83 -0.37	33.89 2.15 -0.55	37.33 2.23 -0.83	40.06 2.18 -0.96	43.05 2.22 -1.12	48.33 2.43 -0.89	61.88 2.64 -0.66	68.90 2.37 -0.46	65.33 2.03 0.00	54.02 0.96 0.00	50.85 1.19 0.00	44.21 1.08 0.00	38.17 1.18 0.00
LINDHRST_69_KV_BK1 356055	32.54 0.89 0.00	29.60 0.61 0.00	27.25 0.72 0.00	25.91 0.53 0.00	26.46 0.49 0.00	28.78 0.54 0.00	33.62 0.72 0.00	37.17 1.50 0.00	31.69 1.36 0.00	28.30 1.48 0.00	29.91 2.10 -0.20	32.27 2.34 -0.37	34.25 2.53 -0.53	37.98 2.88 -0.83	40.69 2.81 -0.96	43.21 2.38 -1.12	48.78 2.88 -0.89	62.81 3.57 -0.66	69.83 3.30 -0.46	65.71 2.41 0.00	54.44 1.38 0.00	50.70 1.04 0.01	43.90 0.78 0.01	39.20 2.22 0.00
LIPA_MISC_IPP 23656	31.87 0.22 0.00	28.99 0.00 0.00	26.72 0.19 0.00	25.40 0.03 0.00	25.94 -0.03 0.00	28.19 -0.06 0.00	32.83 -0.07 0.00	36.46 0.78 0.00	31.08 0.76 0.00	27.73 0.91 0.00	29.42 1.60 -0.20	31.74 1.80 -0.37	33.60 1.87 -0.53	37.40 2.30 -0.83	40.10 2.22 -0.96	42.57 1.75 -1.12	48.24 2.34 -0.89	62.18 2.93 -0.67	69.17 2.64 -0.46	65.08 1.77 0.00	53.86 0.80 0.00	50.05 0.40 0.01	43.30 0.17 0.01	38.76 1.78 0.00
LISF____SOLAR 323691	31.94 0.28 0.00	29.02 0.03 0.00	26.61 0.08 0.00	25.45 0.08 0.00	25.97 0.00 0.00	28.22 -0.03 0.00	32.86 -0.03 0.00	36.53 0.85 0.00	31.11 0.79 0.00	27.76 0.94 0.00	29.44 1.63 -0.20	31.77 1.83 -0.37	33.63 1.90 -0.53	37.46 2.36 -0.83	40.02 2.14 -0.96	42.53 1.71 -1.12	48.33 2.43 -0.89	62.35 3.10 -0.67	69.37 2.84 -0.46	65.20 1.90 0.00	53.91 0.85 0.00	50.15 0.50 0.01	43.34 0.22 0.01	38.76 1.78 0.00
LITTLE FALLS____HYD 24013	32.35 0.70 0.00	29.63 0.64 0.00	27.09 0.56 0.00	25.93 0.56 0.00	26.54 0.57 0.00	28.90 0.65 0.00	33.65 0.76 0.00	36.49 0.82 0.00	30.99 0.67 0.00	27.38 0.56 0.00	28.16 0.55 0.00	30.15 0.59 0.00	31.78 0.59 0.00	34.95 0.69 0.00	37.70 0.78 0.00	40.50 0.79 0.00	45.91 0.90 0.00	59.81 1.23 0.00	67.45 1.39 0.00	64.63 1.33 0.00	54.28 1.22 0.00	50.85 1.19 0.00	44.17 1.04 0.00	37.87 0.89 0.00

LITTLRIV_115KV_TB1 356100	33.17 1.52 0.00	30.39 1.39 0.00	27.70 1.17 0.00	26.49 1.12 0.00	27.19 1.22 0.00	29.57 1.33 0.00	34.57 1.68 0.00	37.21 1.53 0.00	31.14 0.82 0.00	27.38 0.56 0.00	28.05 0.44 0.00	29.88 0.33 0.00	31.19 0.00 0.00	34.10 -0.17 0.00	36.70 -0.22 0.00	39.54 -0.16 0.00	44.88 -0.14 0.00	59.69 1.11 0.00	67.65 1.59 0.00	65.46 2.15 0.00	54.92 1.86 0.00	51.35 1.69 0.00	44.82 1.68 0.00	38.54 1.55 0.00
LI_NEWBRDGE___DRP 323616	32.16 0.51 0.00	29.28 0.29 0.00	26.93 0.40 0.00	25.65 0.28 0.00	26.20 0.23 0.00	28.50 0.25 0.00	33.29 0.39 0.00	36.78 1.11 0.00	31.36 1.03 0.00	27.98 1.15 0.00	29.53 1.71 -0.20	31.82 1.89 -0.37	33.81 2.09 -0.53	37.43 2.33 -0.83	40.06 2.18 -0.96	42.57 1.75 -1.12	48.02 2.12 -0.89	61.81 2.58 -0.66	68.71 2.18 -0.46	64.76 1.46 0.00	53.64 0.58 0.00	50.00 0.35 0.01	43.30 0.17 0.01	38.50 1.52 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.95 1.30 0.00	29.95 0.96 0.00	27.36 0.82 0.00	26.16 0.79 0.00	26.75 0.78 0.00	28.90 0.65 0.00	32.43 -0.46 0.00	34.35 -1.32 0.00	30.02 -0.30 0.00	26.31 -0.51 0.00	27.53 -0.08 0.00	29.85 0.30 0.00	31.32 0.12 0.00	34.82 0.55 0.00	37.70 0.78 0.00	40.30 0.60 0.00	45.15 0.14 0.00	57.58 -1.00 0.00	65.41 -0.66 0.00	62.42 -0.89 0.00	53.38 0.32 0.00	50.26 0.60 0.00	44.21 1.08 0.00	37.76 0.78 0.00
LOCKPORT___CC1 323769	32.88 1.23 0.00	29.92 0.93 0.00	27.38 0.85 0.00	26.11 0.74 0.00	26.75 0.78 0.00	28.84 0.59 0.00	32.53 -0.36 0.00	34.39 -1.28 0.00	30.02 -0.30 0.00	26.31 -0.51 0.00	27.56 -0.06 0.00	29.85 0.30 0.00	31.32 0.13 0.00	34.81 0.55 0.00	37.70 0.78 0.00	40.30 0.60 0.00	45.15 0.14 0.00	57.58 -1.00 0.00	65.34 -0.73 0.00	62.48 -0.82 0.00	53.38 0.32 0.00	50.26 0.60 0.00	44.25 1.12 0.00	37.72 0.74 0.00
LOCKPORT___CC2 323770	32.88 1.23 0.00	29.92 0.93 0.00	27.38 0.85 0.00	26.11 0.74 0.00	26.75 0.78 0.00	28.84 0.59 0.00	32.53 -0.36 0.00	34.39 -1.28 0.00	30.02 -0.30 0.00	26.31 -0.51 0.00	27.56 -0.06 0.00	29.85 0.30 0.00	31.32 0.13 0.00	34.81 0.55 0.00	37.70 0.78 0.00	40.30 0.60 0.00	45.15 0.14 0.00	57.58 -1.00 0.00	65.34 -0.73 0.00	62.48 -0.82 0.00	53.38 0.32 0.00	50.26 0.60 0.00	44.25 1.12 0.00	37.72 0.74 0.00
LOCKPORT___CC3 323771	32.88 1.23 0.00	29.92 0.93 0.00	27.38 0.85 0.00	26.11 0.74 0.00	26.75 0.78 0.00	28.84 0.59 0.00	32.53 -0.36 0.00	34.39 -1.28 0.00	30.02 -0.30 0.00	26.31 -0.51 0.00	27.56 -0.06 0.00	29.85 0.30 0.00	31.32 0.13 0.00	34.81 0.55 0.00	37.70 0.78 0.00	40.30 0.60 0.00	45.15 0.14 0.00	57.58 -1.00 0.00	65.34 -0.73 0.00	62.48 -0.82 0.00	53.38 0.32 0.00	50.26 0.60 0.00	44.25 1.12 0.00	37.72 0.74 0.00
LOCUSVLY_69_KV_BK2 55797	32.54 0.89 0.00	29.63 0.64 0.00	27.25 0.72 0.00	25.96 0.58 0.00	26.51 0.55 0.00	28.84 0.59 0.00	33.75 0.86 0.00	37.17 1.50 0.00	31.72 1.39 0.00	28.32 1.50 0.00	29.83 2.02 -0.20	32.15 2.22 -0.37	34.19 2.46 -0.53	37.84 2.74 -0.83	40.58 2.70 -0.96	43.21 2.38 -1.12	48.74 2.84 -0.89	62.58 3.34 -0.66	69.63 3.11 -0.46	65.65 2.34 0.00	54.33 1.27 0.00	50.70 1.04 0.00	43.99 0.86 0.00	38.83 1.85 0.00
LONG_LAKE_PHOENIX 24014	31.18 -0.47 0.00	28.53 -0.46 0.00	26.08 -0.45 0.00	24.94 -0.43 0.00	25.53 -0.44 0.00	27.74 -0.51 0.00	32.27 -0.62 0.00	34.96 -0.71 0.00	29.78 -0.55 0.00	26.29 -0.54 0.00	27.09 -0.52 0.00	29.06 -0.50 0.00	30.63 -0.56 0.00	33.75 -0.51 0.00	36.41 -0.52 0.00	39.11 -0.60 0.00	44.29 -0.72 0.00	57.58 -1.00 0.00	65.08 -0.99 0.00	62.42 -0.89 0.00	52.32 -0.74 0.00	49.02 -0.65 0.00	42.62 -0.52 0.00	36.43 -0.55 0.00
LOVETT___3 23632	32.28 0.63 0.00	29.52 0.52 0.00	27.12 0.58 0.00	25.91 0.53 0.00	26.49 0.52 0.00	28.81 0.56 0.00	33.75 0.86 0.00	36.89 1.21 0.00	31.48 1.15 0.00	28.03 1.21 0.00	29.17 1.38 -0.18	31.31 1.42 -0.33	33.35 1.68 -0.48	36.73 1.71 -0.74	39.36 1.59 -0.85	42.29 1.59 -1.00	47.60 1.80 -0.79	61.21 2.05 -0.58	68.33 1.85 -0.41	64.82 1.52 0.00	53.91 0.85 0.00	50.50 0.84 0.00	43.87 0.73 0.00	37.83 0.85 0.00
LOVETT___4 23642	32.28 0.63 0.00	29.52 0.52 0.00	27.12 0.58 0.00	25.91 0.53 0.00	26.49 0.52 0.00	28.81 0.56 0.00	33.75 0.86 0.00	36.89 1.21 0.00	31.48 1.15 0.00	28.03 1.21 0.00	29.17 1.38 -0.18	31.31 1.42 -0.33	33.35 1.68 -0.48	36.73 1.71 -0.74	39.36 1.59 -0.85	42.29 1.59 -1.00	47.60 1.80 -0.79	61.21 2.05 -0.58	68.33 1.85 -0.41	64.82 1.52 0.00	53.91 0.85 0.00	50.50 0.84 0.00	43.87 0.73 0.00	37.83 0.85 0.00
LOVETT___5 23593	32.28 0.63 0.00	29.52 0.52 0.00	27.12 0.58 0.00	25.91 0.53 0.00	26.49 0.52 0.00	28.81 0.56 0.00	33.75 0.86 0.00	36.89 1.21 0.00	31.48 1.15 0.00	28.03 1.21 0.00	29.17 1.38 -0.18	31.31 1.42 -0.33	33.35 1.68 -0.48	36.73 1.71 -0.74	39.36 1.59 -0.85	42.29 1.59 -1.00	47.60 1.80 -0.79	61.21 2.05 -0.58	68.33 1.85 -0.41	64.82 1.52 0.00	53.91 0.85 0.00	50.50 0.84 0.00	43.87 0.73 0.00	37.83 0.85 0.00
LOWER RAQUET___HYD 24057	32.85 1.20 0.00	30.10 1.10 0.00	27.46 0.93 0.00	26.24 0.86 0.00	26.93 0.96 0.00	29.26 1.02 0.00	34.21 1.32 0.00	36.92 1.25 0.00	30.99 0.67 0.00	27.25 0.43 0.00	27.97 0.36 0.00	29.74 0.18 0.00	31.04 -0.16 0.00	33.89 -0.38 0.00	36.44 -0.48 0.00	39.23 -0.47 0.00	44.52 -0.49 0.00	59.16 0.59 0.00	66.80 0.73 0.00	64.50 1.20 0.00	54.07 1.01 0.00	50.60 0.94 0.00	44.25 1.12 0.00	38.09 1.11 0.00
LOWER___HUDSON 24059	32.19 0.54 0.00	29.54 0.55 0.00	27.09 0.56 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.90 0.65 0.00	33.62 0.72 0.00	36.57 0.89 0.00	30.99 0.67 0.00	27.41 0.59 0.21	27.87 0.47 0.39	29.62 0.44 0.55	31.13 0.50 0.55	33.92 0.51 0.86	36.31 0.44 1.06	39.02 0.56 1.24	44.88 0.85 0.98	59.02 1.17 0.73	66.95 1.39 0.51	64.57 1.27 0.00	54.23 1.17 0.00	50.65 0.99 0.00	43.87 0.73 0.00	37.65 0.67 0.00
LOWVILLE_115KV_TB2 356335	32.85 1.20 0.00	30.04 1.04 0.00	27.41 0.88 0.00	26.23 0.86 0.00	26.93 0.96 0.00	29.32 1.07 0.00	34.14 1.25 0.00	36.89 1.21 0.00	31.05 0.73 0.00	27.22 0.40 0.00	27.94 0.33 0.00	29.82 0.27 0.00	31.32 0.12 0.00	34.44 0.17 0.00	37.18 0.26 0.00	39.98 0.28 0.00	45.42 0.41 0.00	60.10 1.52 0.00	68.38 2.31 0.00	66.09 2.79 0.00	55.39 2.33 0.00	51.35 1.69 0.00	44.47 1.34 0.00	37.98 1.00 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.54 0.89 0.00	29.84 0.84 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.75 0.78 0.00	29.15 0.90 0.00	33.94 1.05 0.00	36.78 1.11 0.00	31.11 0.79 0.00	27.41 0.59 0.00	27.87 0.41 0.16	29.65 0.38 0.30	31.11 0.34 0.42	34.09 0.48 0.66	36.51 0.41 0.82	39.26 0.52 0.96	45.15 0.90 0.76	59.60 1.58 0.56	67.86 2.18 0.39	65.46 2.15 0.00	55.08 2.02 0.00	51.35 1.69 0.00	44.52 1.38 0.00	38.13 1.15 0.00

LUTHERNY_35_KV_BK2 355980	32.57 0.92 0.00	29.84 0.84 0.00	27.36 0.82 0.00	26.13 0.76 0.00	26.77 0.80 0.00	29.18 0.93 0.00	33.98 1.09 0.00	36.78 1.11 0.00	31.11 0.79 0.00	27.41 0.59 0.00	27.87 0.41 0.16	29.65 0.38 0.30	31.14 0.37 0.42	34.09 0.48 0.66	36.51 0.41 0.82	39.30 0.56 0.96	45.20 0.95 0.76	59.66 1.64 0.56	67.92 2.25 0.39	65.52 2.22 0.00	55.13 2.07 0.00	51.40 1.74 0.00	44.56 1.42 0.00	38.13 1.15 0.00
LWR___OSWEGATCHIE_HYD 23850	32.85 1.20 0.00	30.04 1.04 0.00	27.41 0.88 0.00	26.21 0.84 0.00	26.90 0.93 0.00	29.26 1.02 0.00	34.18 1.28 0.00	36.89 1.21 0.00	30.99 0.67 0.00	27.20 0.38 0.00	27.92 0.30 0.00	29.74 0.18 0.00	31.10 -0.09 0.00	34.10 -0.17 0.00	36.74 -0.18 0.00	39.51 -0.20 0.00	44.88 -0.14 0.00	59.57 1.00 0.00	67.52 1.45 0.00	65.27 1.96 0.00	54.70 1.64 0.00	51.00 1.34 0.00	44.43 1.29 0.00	38.09 1.11 0.00
LYONS_FALL_HYD 23570	32.63 0.98 0.00	29.84 0.84 0.00	27.25 0.72 0.00	26.08 0.71 0.00	26.75 0.78 0.00	29.12 0.88 0.00	33.91 1.02 0.00	36.71 1.04 0.00	30.99 0.67 0.00	27.20 0.38 0.00	27.92 0.30 0.00	29.82 0.27 0.00	31.38 0.19 0.00	34.54 0.27 0.00	37.25 0.33 0.00	40.10 0.40 0.00	45.55 0.54 0.00	60.04 1.47 0.00	68.18 2.11 0.00	65.71 2.40 0.00	55.08 2.02 0.00	51.20 1.54 0.00	44.39 1.25 0.00	37.87 0.89 0.00
MADISON___COUNTY_LFGE 323628	32.41 0.76 0.00	29.63 0.64 0.00	27.07 0.53 0.00	25.91 0.53 0.00	26.54 0.57 0.00	28.90 0.65 0.00	33.62 0.72 0.00	36.42 0.75 0.00	30.87 0.55 0.00	27.12 0.30 0.00	27.92 0.30 0.00	29.88 0.33 0.00	31.47 0.28 0.00	34.68 0.41 0.00	37.40 0.48 0.00	40.26 0.56 0.00	45.73 0.72 0.00	59.98 1.41 0.00	67.98 1.92 0.00	65.39 2.09 0.00	54.76 1.70 0.00	51.15 1.49 0.00	44.34 1.21 0.00	37.83 0.85 0.00
MALONE___115KV_TB1 356076	32.95 1.30 0.00	30.18 1.19 0.00	27.54 1.01 0.00	26.34 0.96 0.00	27.03 1.06 0.00	29.40 1.16 0.00	34.44 1.55 0.00	37.21 1.53 0.00	31.33 1.00 0.00	27.65 0.83 0.00	28.39 0.77 0.00	30.45 0.89 0.00	32.00 0.81 0.00	35.13 0.86 0.00	37.73 0.81 0.00	40.62 0.91 0.00	46.09 1.08 0.00	60.51 1.93 0.00	68.38 2.31 0.00	65.77 2.47 0.00	55.08 2.02 0.00	51.40 1.74 0.00	44.69 1.55 0.00	38.35 1.37 0.00
MAPLEWOD_115KV_TB3 80458	31.84 0.19 0.00	29.31 0.32 0.00	26.91 0.37 0.00	25.73 0.36 0.00	26.30 0.34 0.00	28.64 0.40 0.00	33.29 0.39 0.00	36.21 0.54 0.00	30.75 0.42 0.00	27.22 0.40 0.00	27.82 0.36 0.16	29.56 0.30 0.29	31.09 0.31 0.42	33.93 0.31 0.65	36.38 0.26 0.80	39.04 0.28 0.94	44.76 0.50 0.74	58.73 0.70 0.55	66.47 0.79 0.39	64.00 0.70 0.00	53.70 0.64 0.00	50.16 0.50 0.00	43.48 0.35 0.00	37.32 0.33 0.00
MAPLE_RIDGE_WT_1 323574	31.68 0.03 0.00	29.05 0.06 0.00	26.59 0.05 0.00	25.42 0.05 0.00	26.04 0.08 0.00	28.33 0.08 0.00	32.99 0.10 0.00	35.78 0.11 0.00	30.36 0.03 0.00	26.82 0.00 0.00	27.61 0.00 0.00	29.56 0.00 0.00	31.16 -0.03 0.00	34.20 -0.07 0.00	36.85 -0.07 0.00	39.62 -0.08 0.00	44.92 -0.09 0.00	58.64 0.06 0.00	66.07 0.00 0.00	63.37 0.06 0.00	53.06 0.00 0.00	49.66 0.00 0.00	43.13 0.00 0.00	37.02 0.04 0.00
MAPLE_RIDGE_WT_2 323611	31.68 0.03 0.00	29.05 0.06 0.00	26.59 0.05 0.00	25.42 0.05 0.00	26.04 0.08 0.00	28.33 0.08 0.00	32.99 0.10 0.00	35.78 0.11 0.00	30.36 0.03 0.00	26.82 0.00 0.00	27.61 0.00 0.00	29.56 0.00 0.00	31.16 -0.03 0.00	34.20 -0.07 0.00	36.85 -0.07 0.00	39.62 -0.08 0.00	44.92 -0.09 0.00	58.64 0.06 0.00	66.07 0.00 0.00	63.37 0.06 0.00	53.06 0.00 0.00	49.66 0.00 0.00	43.13 0.00 0.00	37.02 0.04 0.00
MARBLE_RIVER_WT_PWR 323696	32.44 0.79 0.00	29.72 0.73 0.00	27.17 0.64 0.00	25.98 0.61 0.00	26.64 0.67 0.00	28.98 0.73 0.00	33.85 0.95 0.00	36.60 0.93 0.00	30.87 0.55 0.00	27.28 0.46 0.00	28.03 0.41 0.00	30.00 0.44 0.00	31.57 0.38 0.00	34.65 0.38 0.00	37.25 0.33 0.00	40.10 0.40 0.00	45.42 0.40 0.00	59.75 1.17 0.00	67.39 1.32 0.00	64.76 1.46 0.00	54.23 1.17 0.00	50.65 0.99 0.00	44.04 0.91 0.00	37.76 0.78 0.00
MARSHVLE_115KV_TB1 80742	32.82 1.17 0.00	29.98 0.99 0.00	27.46 0.93 0.00	26.21 0.84 0.00	26.90 0.93 0.00	29.35 1.10 0.00	34.18 1.28 0.00	36.49 0.82 0.00	30.39 0.06 0.00	26.47 -0.35 0.00	26.94 -0.58 0.09	28.71 -0.68 0.17	30.14 -0.81 0.24	33.15 -0.75 0.37	35.60 -0.85 0.47	38.27 -0.87 0.56	44.08 -0.50 0.44	58.84 0.59 0.33	67.82 1.98 0.23	66.09 2.79 0.00	55.71 2.65 0.00	52.04 2.38 0.00	45.12 1.98 0.00	38.46 1.48 0.00
MARSH_HILL_WT_PWR 323713	32.92 1.27 0.00	30.01 1.01 0.00	27.44 0.90 0.00	26.18 0.81 0.00	26.88 0.91 0.00	29.12 0.88 0.00	33.48 0.59 0.00	35.67 0.00 0.00	30.60 0.27 0.00	26.77 -0.05 0.00	27.86 0.25 0.00	30.09 0.53 0.00	31.69 0.50 0.00	35.16 0.89 0.00	37.99 1.07 0.00	40.73 1.03 0.00	45.91 0.90 0.00	59.28 0.71 0.00	67.59 1.52 0.00	65.14 1.84 0.00	55.13 2.07 0.00	51.60 1.93 0.00	45.03 1.90 0.00	38.20 1.22 0.00
MCINTYRE_115KV_TB2 80467	33.27 1.61 0.00	30.44 1.45 0.00	27.78 1.25 0.00	26.54 1.17 0.00	27.27 1.30 0.00	29.66 1.41 0.00	34.67 1.78 0.00	37.28 1.61 0.00	31.17 0.85 0.00	27.38 0.56 0.00	28.05 0.44 0.00	29.94 0.38 0.00	31.35 0.16 0.00	34.27 0.00 0.00	36.89 -0.04 0.00	39.74 0.04 0.00	45.10 0.09 0.00	59.93 1.35 0.00	67.98 1.92 0.00	65.90 2.60 0.00	55.29 2.23 0.00	51.70 2.04 0.00	45.08 1.94 0.00	38.68 1.70 0.00
MECO_____69_KV_BK1 80468	33.23 1.58 0.00	30.39 1.39 0.00	27.81 1.27 0.00	26.56 1.19 0.00	27.27 1.30 0.00	29.77 1.53 0.00	34.67 1.78 0.00	37.10 1.43 0.00	30.90 0.58 0.00	26.85 0.03 0.00	27.21 -0.30 0.10	28.93 -0.44 0.18	30.33 -0.59 0.26	33.41 -0.45 0.41	35.96 -0.44 0.52	38.85 -0.24 0.61	44.89 0.36 0.49	60.09 1.87 0.36	69.18 3.37 0.25	67.23 3.92 0.00	56.67 3.61 0.00	52.79 3.13 0.00	45.77 2.63 0.00	39.02 2.03 0.00
MENANDS___115KV_TB5 355628	31.65 0.00 0.00	29.14 0.14 0.00	26.75 0.21 0.00	25.60 0.23 0.00	26.17 0.21 0.00	28.50 0.25 0.00	33.09 0.20 0.00	36.03 0.36 0.00	30.60 0.27 0.00	27.12 0.30 0.00	27.73 0.28 0.16	29.45 0.18 0.29	30.99 0.22 0.42	33.79 0.17 0.65	36.23 0.11 0.80	38.88 0.12 0.94	44.49 0.23 0.74	58.38 0.35 0.55	66.01 0.33 0.39	63.49 0.19 0.00	53.27 0.21 0.00	49.76 0.10 0.00	43.13 0.00 0.00	37.06 0.07 0.00
MG INDUSTRY___DRP 24185	31.81 0.16 0.00	29.26 0.26 0.00	26.85 0.32 0.00	25.68 0.30 0.00	26.25 0.29 0.00	28.59 0.34 0.00	33.19 0.30 0.00	36.03 0.36 0.00	30.51 0.18 0.00	26.98 0.16 0.00	27.67 0.14 0.08	29.47 0.06 0.14	31.05 0.06 0.21	34.02 0.07 0.32	36.51 0.00 0.41	39.22 0.00 0.48	44.76 0.14 0.38	58.59 0.29 0.28	66.33 0.46 0.20	63.68 0.38 0.00	53.48 0.42 0.00	50.01 0.35 0.00	43.39 0.26 0.00	37.24 0.26 0.00

MID___OSWEGATCHIE_HYD 23849	32.85 1.20 0.00	30.04 1.04 0.00	27.41 0.88 0.00	26.21 0.84 0.00	26.90 0.93 0.00	29.26 1.02 0.00	34.18 1.28 0.00	36.89 1.21 0.00	30.99 0.67 0.00	27.20 0.38 0.00	27.92 0.30 0.00	29.74 0.18 0.00	31.10 -0.09 0.00	34.10 -0.17 0.00	36.74 -0.18 0.00	39.51 -0.20 0.00	44.88 -0.14 0.00	59.57 1.00 0.00	67.52 1.45 0.00	65.27 1.96 0.00	54.70 1.64 0.00	51.00 1.34 0.00	44.43 1.29 0.00	38.09 1.11 0.00
MID___RAQUETTE_HYD 23851	32.85 1.20 0.00	30.10 1.10 0.00	27.46 0.93 0.00	26.23 0.86 0.00	26.90 0.93 0.00	29.26 1.02 0.00	34.21 1.32 0.00	36.92 1.25 0.00	30.99 0.67 0.00	27.25 0.43 0.00	27.97 0.36 0.00	29.74 0.18 0.00	31.04 -0.16 0.00	33.89 -0.38 0.00	36.44 -0.48 0.00	39.23 -0.48 0.00	44.52 -0.50 0.00	59.16 0.59 0.00	66.79 0.73 0.00	64.51 1.20 0.00	54.07 1.01 0.00	50.60 0.94 0.00	44.26 1.12 0.00	38.09 1.11 0.00
MILLIKEN___1 23584	32.13 0.47 0.00	29.37 0.38 0.00	26.83 0.29 0.00	25.65 0.28 0.00	26.25 0.29 0.00	28.56 0.31 0.00	33.22 0.33 0.00	35.92 0.25 0.00	30.57 0.24 0.00	26.88 0.05 0.00	27.72 0.11 0.00	29.71 0.15 0.00	31.35 0.16 0.00	34.54 0.27 0.00	37.22 0.30 0.00	39.98 0.28 0.00	45.42 0.41 0.00	59.22 0.64 0.00	67.19 1.12 0.00	64.57 1.27 0.00	54.12 1.06 0.00	50.65 0.99 0.00	43.95 0.82 0.00	37.50 0.52 0.00
MILLIKEN___2 23585	32.13 0.47 0.00	29.37 0.38 0.00	26.83 0.29 0.00	25.65 0.28 0.00	26.25 0.29 0.00	28.56 0.31 0.00	33.22 0.33 0.00	35.92 0.25 0.00	30.57 0.24 0.00	26.88 0.05 0.00	27.72 0.11 0.00	29.71 0.15 0.00	31.35 0.16 0.00	34.54 0.27 0.00	37.22 0.30 0.00	39.98 0.28 0.00	45.42 0.41 0.00	59.22 0.64 0.00	67.19 1.12 0.00	64.57 1.27 0.00	54.12 1.06 0.00	50.65 0.99 0.00	43.95 0.82 0.00	37.50 0.52 0.00
MILLIKEN___DIESEL 23629	32.13 0.47 0.00	29.37 0.38 0.00	26.83 0.29 0.00	25.65 0.28 0.00	26.25 0.29 0.00	28.56 0.31 0.00	33.22 0.33 0.00	35.92 0.25 0.00	30.57 0.24 0.00	26.88 0.05 0.00	27.72 0.11 0.00	29.71 0.15 0.00	31.35 0.16 0.00	34.54 0.27 0.00	37.22 0.30 0.00	39.98 0.28 0.00	45.42 0.41 0.00	59.22 0.64 0.00	67.19 1.12 0.00	64.57 1.27 0.00	54.12 1.06 0.00	50.65 0.99 0.00	43.95 0.82 0.00	37.50 0.52 0.00
MILLSEAT___LFGE 323607	33.45 1.80 0.00	30.41 1.42 0.00	27.81 1.27 0.00	26.49 1.12 0.00	27.16 1.20 0.00	29.32 1.07 0.00	33.22 0.33 0.00	35.17 -0.50 0.00	30.57 0.24 0.00	26.74 -0.08 0.00	27.95 0.33 0.00	30.30 0.74 0.00	31.78 0.59 0.00	35.33 1.06 0.00	38.29 1.37 0.00	40.94 1.23 0.00	46.00 0.99 0.00	59.05 0.47 0.00	67.26 1.19 0.00	64.25 0.95 0.00	54.81 1.75 0.00	51.50 1.84 0.00	45.21 2.07 0.00	38.42 1.44 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.35 0.70 0.00	29.57 0.58 0.00	27.17 0.64 0.00	25.96 0.58 0.00	26.54 0.57 0.00	28.84 0.59 0.00	33.81 0.92 0.00	36.99 1.32 0.00	31.54 1.21 0.00	28.11 1.29 0.00	29.27 1.46 -0.20	31.43 1.51 -0.36	33.49 1.78 -0.52	36.89 1.82 -0.81	39.59 1.74 -0.93	42.54 1.75 -1.09	47.90 2.03 -0.87	61.50 2.28 -0.64	68.69 2.18 -0.45	65.14 1.84 0.00	54.12 1.06 0.00	50.75 1.09 0.00	44.04 0.91 0.00	37.98 1.00 0.00
MILLWOOD_13_KV_LOAD 356217	32.41 0.76 0.00	29.63 0.64 0.00	27.22 0.69 0.00	25.98 0.61 0.00	26.56 0.60 0.00	28.90 0.65 0.00	33.85 0.95 0.00	37.03 1.36 0.00	31.57 1.24 0.00	28.14 1.31 0.00	29.30 1.49 -0.20	31.46 1.54 -0.36	33.52 1.81 -0.52	36.93 1.85 -0.81	39.66 1.81 -0.93	42.62 1.83 -1.09	47.99 2.12 -0.87	61.68 2.46 -0.64	68.89 2.38 -0.45	65.33 2.03 0.00	54.28 1.22 0.00	50.85 1.19 0.00	44.13 0.99 0.00	38.05 1.07 0.00
MODEL_CITY_ENERGY 24167	32.73 1.08 0.00	29.80 0.81 0.00	27.28 0.74 0.00	26.01 0.63 0.00	26.64 0.67 0.00	28.70 0.45 0.00	32.23 -0.66 0.00	34.00 -1.68 0.00	29.72 -0.61 0.00	26.04 -0.78 0.00	27.28 -0.33 0.00	29.56 0.00 0.00	30.97 -0.22 0.00	34.48 0.21 0.00	37.29 0.37 0.00	39.90 0.20 0.00	44.65 -0.36 0.00	56.94 -1.64 0.00	64.61 -1.45 0.00	61.72 -1.58 0.00	52.74 -0.32 0.00	49.71 0.05 0.00	43.78 0.65 0.00	37.50 0.52 0.00
MODERN_LFGE___ 323580	32.73 1.08 0.00	29.80 0.81 0.00	27.28 0.74 0.00	26.01 0.63 0.00	26.64 0.67 0.00	28.70 0.45 0.00	32.23 -0.66 0.00	34.00 -1.68 0.00	29.72 -0.61 0.00	26.04 -0.78 0.00	27.28 -0.33 0.00	29.56 0.00 0.00	30.97 -0.22 0.00	34.48 0.21 0.00	37.29 0.37 0.00	39.90 0.20 0.00	44.65 -0.36 0.00	56.94 -1.64 0.00	64.61 -1.45 0.00	61.72 -1.58 0.00	52.74 -0.32 0.00	49.71 0.05 0.00	43.78 0.65 0.00	37.50 0.52 0.00
MOHAWK_PAPER___DRP 24187	31.84 0.19 0.00	29.31 0.32 0.00	26.91 0.37 0.00	25.73 0.36 0.00	26.30 0.34 0.00	28.64 0.40 0.00	33.29 0.39 0.00	36.21 0.54 0.00	30.75 0.42 0.00	27.22 0.40 0.16	27.82 0.36 0.29	29.56 0.30 0.42	31.09 0.31 0.65	33.93 0.31 0.65	36.38 0.26 0.80	39.04 0.28 0.94	44.76 0.50 0.74	58.73 0.70 0.55	66.47 0.79 0.39	64.00 0.70 0.00	53.70 0.64 0.00	50.16 0.50 0.00	43.48 0.35 0.00	37.32 0.33 0.00
MOHICAN___35_KV_115KV_LD 80490	32.60 0.95 0.00	29.84 0.84 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.77 0.80 0.00	29.21 0.96 0.00	34.04 1.15 0.00	36.78 1.11 0.00	31.05 0.73 0.00	27.28 0.46 0.16	27.59 0.14 0.29	29.36 0.09 0.42	30.74 -0.03 0.65	33.76 0.14 0.65	36.09 -0.04 0.80	38.81 0.04 0.94	44.76 0.50 0.74	59.44 1.41 0.55	68.13 2.44 0.38	65.77 2.47 0.00	55.50 2.44 0.00	51.60 1.94 0.00	44.73 1.60 0.00	38.20 1.22 0.00
MONGAUP___HYD 23641	32.38 0.73 0.00	29.63 0.64 0.00	27.15 0.61 0.00	25.96 0.58 0.00	26.51 0.55 0.00	28.90 0.65 0.00	33.75 0.85 0.00	36.71 1.04 0.00	31.21 0.88 0.00	27.65 0.83 0.00	28.67 0.91 -0.15	30.72 0.89 -0.27	32.70 1.12 -0.39	36.01 1.13 -0.61	38.64 1.03 -0.69	41.66 1.15 -0.80	47.13 1.48 -0.64	61.04 1.99 -0.47	68.57 2.18 -0.33	65.39 2.09 0.00	54.60 1.54 0.00	51.00 1.34 0.00	44.21 1.08 0.00	38.02 1.03 0.00
MONTAUK___DIESEL 23721	31.71 0.06 0.00	28.82 -0.17 0.00	26.56 0.03 0.00	25.22 -0.15 0.00	25.73 -0.23 0.00	27.96 -0.28 0.00	32.17 -0.72 0.00	35.89 0.21 0.00	30.63 0.30 0.00	27.49 0.67 0.00	29.30 1.49 -0.20	31.65 1.71 -0.37	33.57 1.84 -0.53	37.60 2.50 -0.83	40.65 2.77 -0.96	43.45 2.62 -1.12	49.41 3.51 -0.89	64.11 4.86 -0.67	72.28 5.75 -0.46	68.18 4.87 0.00	56.35 3.29 0.00	52.19 2.53 0.01	44.94 1.81 0.01	40.09 3.11 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.46 1.80 0.00	30.42 1.42 0.00	27.78 1.25 0.00	26.59 1.22 0.00	27.21 1.25 0.00	29.52 1.27 0.00	33.85 0.95 0.00	35.96 0.29 0.00	31.36 1.03 0.00	27.47 0.64 0.00	28.74 1.13 0.00	31.13 1.57 0.00	32.75 1.56 0.00	36.46 2.19 0.00	39.36 2.44 0.00	42.13 2.42 0.00	47.31 2.30 0.00	59.98 1.41 0.00	68.25 2.18 0.00	65.08 1.77 0.00	55.61 2.55 0.00	52.09 2.43 0.00	45.64 2.50 0.00	38.68 1.70 0.00

MORRIS_RIDGE___SOLAR 323848	32.63 0.98 0.00	29.75 0.75 0.00	27.22 0.69 0.00	25.98 0.61 0.00	26.62 0.65 0.00	28.81 0.56 0.00	32.99 0.10 0.00	35.07 -0.61 0.00	30.14 -0.18 0.00	26.37 -0.46 0.00	27.50 -0.11 0.00	29.77 0.21 0.00	31.32 0.13 0.00	34.78 0.51 0.00	37.55 0.63 0.00	40.22 0.51 0.00	45.28 0.27 0.00	58.29 -0.29 0.00	66.33 0.27 0.00	63.81 0.50 0.00	54.18 1.12 0.00	50.75 1.09 0.00	44.39 1.25 0.00	37.76 0.78 0.00
MORTIMER_115KV_TB3 55949	32.47 0.82 0.00	29.57 0.58 0.00	26.99 0.45 0.00	25.78 0.41 0.00	26.38 0.42 0.00	28.59 0.34 0.00	32.86 -0.03 0.00	35.25 -0.43 0.00	30.42 0.09 0.00	26.71 -0.11 0.00	27.78 0.17 0.00	30.00 0.44 0.00	31.50 0.31 0.00	34.92 0.65 0.00	37.77 0.85 0.00	40.42 0.71 0.00	45.60 0.59 0.00	58.87 0.29 0.00	66.73 0.66 0.00	63.87 0.57 0.00	54.02 0.96 0.00	50.70 1.04 0.00	44.26 1.12 0.00	37.50 0.52 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.57 0.92 0.00	29.75 0.75 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	34.04 1.15 0.00	37.28 1.61 0.00	31.84 1.52 0.00	28.40 1.58 0.00	29.61 1.79 -0.20	31.82 1.89 -0.37	33.93 2.18 -0.55	37.36 2.26 -0.83	40.13 2.25 -0.96	43.09 2.26 -1.12	48.47 2.57 -0.89	62.11 2.87 -0.66	69.24 2.71 -0.46	65.65 2.34 0.00	54.39 1.33 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.31 1.33 0.00
MUNSVILLE_WIND_PWR 323609	35.00 3.35 0.00	31.95 2.96 0.00	29.14 2.60 0.00	27.88 2.51 0.00	28.72 2.75 0.00	31.33 3.08 0.00	36.48 3.59 0.00	39.45 3.78 0.00	33.15 2.82 0.00	28.73 1.90 0.00	29.52 1.88 -0.03	31.62 2.01 -0.06	33.24 1.97 -0.08	36.86 2.47 -0.12	39.65 2.73 0.00	42.92 3.21 0.00	48.79 3.78 0.00	65.14 6.56 0.00	74.53 8.46 0.00	71.79 8.49 0.00	60.06 7.00 0.00	56.11 6.45 0.00	48.48 5.35 0.00	41.12 4.14 0.00
N SALMON___HYD 24042	32.95 1.30 0.00	30.18 1.19 0.00	27.54 1.01 0.00	26.34 0.96 0.00	27.03 1.07 0.00	29.41 1.16 0.00	34.44 1.55 0.00	37.21 1.53 0.00	31.32 1.00 0.00	27.65 0.83 0.00	28.38 0.77 0.00	30.44 0.89 0.00	32.00 0.81 0.00	35.13 0.86 0.00	37.73 0.81 0.00	40.62 0.91 0.00	46.09 1.08 0.00	60.51 1.93 0.00	68.38 2.31 0.00	65.77 2.47 0.00	55.08 2.02 0.00	51.40 1.74 0.00	44.69 1.55 0.00	38.35 1.37 0.00
N.AKRON__115KV_KNAPP 355671	33.49 1.84 0.00	30.42 1.42 0.00	27.76 1.22 0.00	26.54 1.17 0.00	27.14 1.17 0.00	29.35 1.10 0.00	33.12 0.23 0.00	35.21 -0.46 0.00	30.63 0.30 0.00	26.79 -0.03 0.00	28.00 0.39 0.00	30.36 0.80 0.00	31.82 0.62 0.00	35.40 1.13 0.00	38.33 1.40 0.00	40.97 1.27 0.00	46.05 1.04 0.00	59.11 0.53 0.00	67.32 1.26 0.00	64.32 1.01 0.00	54.81 1.75 0.00	51.55 1.89 0.00	45.21 2.07 0.00	38.46 1.48 0.00
N.E_GEN_SANDY PD 24062	32.03 0.38 0.00	29.40 0.41 0.00	27.01 0.48 0.00	25.85 0.48 0.00	26.41 0.44 0.00	28.76 0.51 0.00	33.55 0.66 0.00	36.60 0.93 0.00	31.11 0.79 0.00	27.60 0.78 0.00	27.19 0.75 1.16	28.11 0.71 2.16	28.97 0.87 3.10	30.30 0.86 4.83	31.90 0.78 5.80	33.74 0.84 6.80	40.70 1.08 5.39	55.83 1.23 3.98	64.40 1.12 2.79	62.16 0.89 2.03	55.83 0.74 -2.03	50.36 0.69 0.00	43.61 0.48 0.00	37.50 0.52 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.32 0.66 0.00	29.57 0.58 0.00	27.14 0.61 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.84 0.59 0.00	33.78 0.89 0.00	36.92 1.25 0.00	31.51 1.18 0.00	28.06 1.23 0.00	29.20 1.41 -0.18	31.33 1.45 -0.33	33.38 1.72 -0.47	36.75 1.75 -0.73	39.35 1.59 -0.84	42.31 1.63 -0.98	47.63 1.85 -0.78	61.26 2.11 -0.57	68.45 1.98 -0.40	64.95 1.65 0.00	54.02 0.96 0.00	50.60 0.94 0.00	43.91 0.78 0.00	37.87 0.89 0.00
N.QUEENS_27_KV_LOAD 356247	32.73 1.08 0.00	29.86 0.87 0.00	27.36 0.82 0.00	26.06 0.69 0.00	26.62 0.65 0.00	28.78 0.54 0.00	33.88 0.99 0.00	37.10 1.43 0.00	31.78 1.46 0.00	28.46 1.64 0.00	29.75 1.93 -0.20	31.94 2.01 -0.37	34.11 2.37 -0.55	37.50 2.40 -0.83	40.26 2.40 -0.94	43.21 2.38 -1.12	48.65 2.75 -0.89	61.64 2.40 -0.66	68.71 2.18 -0.46	65.14 1.84 0.00	53.96 0.90 0.00	50.75 1.09 0.00	44.39 1.25 0.00	38.54 1.55 0.00
N.TROY___115KV_TB1 355778	32.19 0.54 0.00	29.55 0.55 0.00	27.09 0.56 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.90 0.65 0.00	33.62 0.72 0.00	36.57 0.89 0.00	30.99 0.67 0.00	27.41 0.59 0.00	27.87 0.47 0.21	29.62 0.44 0.39	31.14 0.50 0.55	33.92 0.51 0.86	36.34 0.48 1.06	39.02 0.56 1.24	44.88 0.86 0.98	59.02 1.17 0.73	66.95 1.39 0.51	64.57 1.27 0.00	54.23 1.17 0.00	50.65 0.99 0.00	43.91 0.78 0.00	37.65 0.67 0.00
NARROWS_GT1_1 24228	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NARROWS_GT1_2 24229	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NARROWS_GT1_3 24230	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NARROWS_GT1_4 24231	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NARROWS_GT1_5 24232	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00

NARROWS_GT1_6 24233	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NARROWS_GT1_7 24234	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NARROWS_GT1_8 24235	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NARROWS_GT2_1 24236	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NARROWS_GT2_2 24237	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NARROWS_GT2_3 24238	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NARROWS_GT2_4 24239	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NARROWS_GT2_5 24240	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NARROWS_GT2_6 24241	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NARROWS_GT2_7 24242	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NARROWS_GT2_8 24243	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.09 0.44 0.00	29.55 0.55 0.00	27.09 0.56 0.00	25.93 0.56 0.00	26.49 0.52 0.00	28.90 0.65 0.00	33.55 0.66 0.00	36.32 0.64 0.00	30.69 0.36 0.00	27.04 0.21 0.00	27.92 0.36 0.05	29.69 0.24 0.10	31.33 0.28 0.14	34.35 0.31 0.23	36.92 0.30 0.30	39.79 0.44 0.35	45.50 0.77 0.28	59.90 1.52 0.21	68.04 2.11 0.14	64.89 1.58 0.00	54.55 1.49 0.00	50.85 1.19 0.00	44.04 0.91 0.00	37.72 0.74 0.00
NCHELSEA_115KV_TR2 355582	32.47 0.82 0.00	29.72 0.72 0.00	27.28 0.74 0.00	26.08 0.71 0.00	26.64 0.68 0.00	28.98 0.73 0.00	33.91 1.02 0.00	37.03 1.36 0.00	31.51 1.18 0.00	28.03 1.21 0.00	29.10 1.33 -0.16	31.18 1.33 -0.29	33.23 1.62 -0.42	36.57 1.64 -0.66	39.29 1.62 -0.75	42.29 1.71 -0.88	47.73 2.03 -0.69	61.67 2.58 -0.51	69.00 2.58 -0.36	65.58 2.28 0.00	54.60 1.54 0.00	51.10 1.44 0.00	44.30 1.16 0.00	38.13 1.15 0.00
NEG CAPITAL___MECHNVIL 23645	32.60 0.95 0.00	29.89 0.90 0.00	27.38 0.85 0.00	26.16 0.79 0.00	26.80 0.83 0.00	29.21 0.96 0.00	34.01 1.12 0.00	36.89 1.21 0.00	31.21 0.88 0.00	27.52 0.70 0.00	27.96 0.52 0.18	29.73 0.50 0.33	31.22 0.50 0.47	34.18 0.65 0.73	36.57 0.55 0.90	39.36 0.72 1.06	45.30 1.13 0.84	59.83 1.87 0.62	68.08 2.45 0.43	65.65 2.34 0.00	55.24 2.18 0.00	51.50 1.84 0.00	44.60 1.47 0.00	38.20 1.22 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.65 0.00 0.00	28.88 -0.12 0.00	26.38 -0.16 0.00	25.17 -0.20 0.00	25.76 -0.21 0.00	27.94 -0.31 0.00	32.23 -0.66 0.00	34.64 -1.04 0.00	29.81 -0.52 0.00	26.21 -0.62 0.00	27.17 -0.44 0.00	29.32 -0.24 0.00	30.82 -0.37 0.00	34.10 -0.17 0.00	36.92 0.00 0.00	39.55 -0.16 0.00	44.70 -0.31 0.00	57.94 -0.64 0.00	65.67 -0.39 0.00	62.79 -0.51 0.00	52.95 -0.11 0.00	49.66 0.00 0.00	43.31 0.17 0.00	36.73 -0.26 0.00

NEG CENTRAL___DRP 24199	32.09 0.44 0.00	29.31 0.32 0.00	26.75 0.21 0.00	25.58 0.20 0.00	26.20 0.23 0.00	28.47 0.23 0.00	33.02 0.13 0.00	35.64 -0.04 0.00	30.45 0.12 0.00	26.74 -0.08 0.00	27.67 0.06 0.00	29.74 0.18 0.00	31.32 0.12 0.00	34.61 0.34 0.00	37.37 0.44 0.00	40.10 0.40 0.00	45.37 0.36 0.00	58.99 0.41 0.00	66.86 0.79 0.00	64.13 0.82 0.00	53.86 0.80 0.00	50.46 0.79 0.00	43.83 0.69 0.00	37.35 0.37 0.00
NEG CENTRAL___INDECK 23768	33.68 2.03 0.00	30.65 1.65 0.00	27.97 1.43 0.00	26.67 1.29 0.00	27.37 1.40 0.00	29.66 1.41 0.00	34.11 1.22 0.00	36.24 0.57 0.00	30.96 0.64 0.00	26.98 0.16 0.00	28.03 0.41 0.00	30.27 0.71 0.00	31.81 0.62 0.00	35.30 1.03 0.00	38.29 1.37 0.00	40.97 1.27 0.00	46.36 1.35 0.00	60.22 1.64 0.00	69.11 3.04 0.00	66.78 3.48 0.00	56.62 3.56 0.00	53.04 3.38 0.00	46.24 3.11 0.00	39.02 2.03 0.00
NEG CENTRAL___SENECA 23627	32.41 0.76 0.00	29.57 0.58 0.00	26.99 0.45 0.00	25.80 0.43 0.00	26.43 0.47 0.00	28.73 0.48 0.00	33.25 0.36 0.00	35.78 0.11 0.00	30.63 0.30 0.00	26.88 0.05 0.00	27.83 0.22 0.00	29.97 0.41 0.00	31.53 0.34 0.00	34.89 0.62 0.00	37.70 0.78 0.00	40.42 0.71 0.00	45.64 0.63 0.00	59.28 0.70 0.00	67.26 1.19 0.00	64.57 1.27 0.00	54.33 1.27 0.00	50.85 1.19 0.00	44.17 1.04 0.00	37.69 0.70 0.00
NEG CENTRAL___STATE_STREET 24147	31.87 0.22 0.00	29.14 0.14 0.00	26.61 0.08 0.00	25.45 0.08 0.00	26.04 0.08 0.00	28.30 0.06 0.00	32.93 0.03 0.00	35.60 -0.07 0.00	30.39 0.06 0.00	26.74 -0.08 0.00	27.59 -0.03 0.00	29.62 0.06 0.00	31.22 0.03 0.00	34.41 0.14 0.00	37.14 0.22 0.00	39.86 0.16 0.00	45.24 0.23 0.00	58.87 0.29 0.00	66.66 0.59 0.00	64.00 0.70 0.00	53.64 0.58 0.00	50.21 0.55 0.00	43.57 0.43 0.00	37.17 0.18 0.00
NEG MILLWOOD___DRP 24198	32.57 0.92 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	33.98 1.09 0.00	37.17 1.50 0.00	31.63 1.30 0.00	28.11 1.29 0.00	29.28 1.49 -0.18	31.34 1.45 -0.34	33.45 1.78 -0.48	36.83 1.82 -0.75	39.59 1.81 -0.86	42.66 1.95 -1.01	48.11 2.30 -0.80	62.04 2.87 -0.59	69.45 2.97 -0.41	65.84 2.53 0.00	54.76 1.70 0.00	51.25 1.59 0.00	44.43 1.29 0.00	38.24 1.26 0.00
NEG NORTH_FLCN_SEA 23793	32.85 1.20 0.00	30.10 1.10 0.00	27.49 0.96 0.00	26.29 0.91 0.00	26.95 0.99 0.00	29.32 1.07 0.00	34.24 1.35 0.00	37.03 1.36 0.00	31.24 0.91 0.00	27.57 0.75 0.00	28.30 0.69 0.00	30.33 0.77 0.00	31.91 0.72 0.00	35.02 0.75 0.00	37.66 0.74 0.00	40.54 0.83 0.00	45.91 0.90 0.00	60.51 1.93 0.00	68.31 2.25 0.00	65.65 2.34 0.00	54.97 1.91 0.00	51.30 1.64 0.00	44.60 1.47 0.00	38.24 1.26 0.00
NEG NORTH_KES_CHATEGAY 23792	32.51 0.85 0.00	29.78 0.78 0.00	27.20 0.66 0.00	26.01 0.63 0.00	26.67 0.70 0.00	29.01 0.76 0.00	33.85 0.95 0.00	36.57 0.89 0.00	30.81 0.49 0.00	27.20 0.38 0.00	27.94 0.33 0.00	29.91 0.35 0.00	31.47 0.28 0.00	34.51 0.24 0.00	37.14 0.22 0.00	39.98 0.28 0.00	45.33 0.32 0.00	59.69 1.11 0.00	67.45 1.39 0.00	64.82 1.52 0.00	54.33 1.27 0.00	50.75 1.09 0.00	44.08 0.95 0.00	37.83 0.85 0.00
NEG NORTH___ALICE_FALLS 23915	32.95 1.30 0.00	30.18 1.19 0.00	27.57 1.03 0.00	26.34 0.96 0.00	27.06 1.09 0.00	29.40 1.16 0.00	34.37 1.48 0.00	37.14 1.46 0.00	31.27 0.94 0.00	27.60 0.78 0.00	28.33 0.72 0.00	30.36 0.80 0.00	31.94 0.75 0.00	35.06 0.79 0.00	37.66 0.74 0.00	40.54 0.83 0.00	46.00 0.99 0.00	60.75 2.17 0.00	68.58 2.51 0.00	65.90 2.60 0.00	55.24 2.18 0.00	51.50 1.84 0.00	44.77 1.64 0.00	38.39 1.41 0.00
NEG NORTH___LWR_SARANAC 23913	32.95 1.30 0.00	30.18 1.19 0.00	27.57 1.03 0.00	26.34 0.96 0.00	27.06 1.09 0.00	29.40 1.16 0.00	34.37 1.48 0.00	37.14 1.46 0.00	31.27 0.94 0.00	27.60 0.78 0.00	28.33 0.72 0.00	30.36 0.80 0.00	31.94 0.75 0.00	35.06 0.79 0.00	37.66 0.74 0.00	40.54 0.83 0.00	46.00 0.99 0.00	60.75 2.17 0.00	68.58 2.51 0.00	65.90 2.60 0.00	55.24 2.18 0.00	51.50 1.84 0.00	44.77 1.64 0.00	38.39 1.41 0.00
NEG NORTH___PLATTSBURG 23628	32.95 1.30 0.00	30.18 1.19 0.00	27.57 1.03 0.00	26.34 0.96 0.00	27.06 1.09 0.00	29.41 1.16 0.00	34.37 1.48 0.00	37.14 1.46 0.00	31.27 0.94 0.00	27.60 0.78 0.00	28.33 0.72 0.00	30.36 0.80 0.00	31.94 0.75 0.00	35.06 0.79 0.00	37.66 0.74 0.00	40.54 0.84 0.00	46.00 0.99 0.00	60.75 2.17 0.00	68.58 2.51 0.00	65.90 2.60 0.00	55.24 2.18 0.00	51.50 1.84 0.00	44.77 1.64 0.00	38.39 1.40 0.00
NEG WEST_LEA_LOCKPORT 23791	32.89 1.23 0.00	29.89 0.90 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.69 0.73 0.00	28.84 0.59 0.00	32.43 -0.46 0.00	34.39 -1.28 0.00	30.02 -0.30 0.00	26.31 -0.51 0.00	27.56 -0.06 0.00	29.85 0.30 0.00	31.32 0.12 0.00	34.82 0.55 0.00	37.70 0.78 0.00	40.30 0.60 0.00	45.15 0.14 0.00	57.58 -1.00 0.00	65.41 -0.66 0.00	62.42 -0.89 0.00	53.33 0.27 0.00	50.26 0.60 0.00	44.17 1.04 0.00	37.72 0.74 0.00
NEG WEST___LANCASTR 23811	32.22 0.57 0.00	29.31 0.32 0.00	26.83 0.29 0.00	25.65 0.28 0.00	26.23 0.26 0.00	28.42 0.17 0.00	32.37 -0.53 0.00	34.32 -1.36 0.00	29.90 -0.42 0.00	26.23 -0.59 0.00	27.45 -0.17 0.00	29.74 0.18 0.00	31.28 0.09 0.00	34.78 0.51 0.00	37.59 0.66 0.00	40.22 0.52 0.00	45.19 0.18 0.00	57.58 -1.00 0.00	65.41 -0.66 0.00	62.42 -0.89 0.00	53.22 0.16 0.00	49.86 0.20 0.00	43.65 0.52 0.00	37.20 0.22 0.00
NEG_PENN_ALLEGHNY 23528	32.06 0.41 0.00	29.31 0.32 0.00	26.83 0.29 0.00	25.63 0.25 0.00	26.25 0.29 0.00	28.53 0.28 0.00	33.12 0.23 0.00	35.78 0.11 0.00	30.60 0.27 0.00	26.96 0.13 0.00	27.89 0.28 0.00	29.91 0.36 0.00	31.57 0.38 0.00	34.81 0.55 0.00	37.48 0.55 0.00	40.22 0.51 0.00	45.55 0.54 0.00	59.05 0.47 0.00	66.80 0.73 0.00	64.07 0.76 0.00	53.80 0.74 0.00	50.36 0.69 0.00	43.78 0.65 0.00	37.39 0.41 0.00
NEG___GEN_MONROE 24207	32.89 1.23 0.00	29.92 0.93 0.00	27.28 0.74 0.00	26.03 0.66 0.00	26.64 0.68 0.00	28.90 0.65 0.00	33.09 0.20 0.00	35.35 -0.32 0.00	30.51 0.18 0.00	26.71 -0.11 0.00	27.81 0.19 0.00	30.03 0.47 0.00	31.50 0.31 0.00	34.95 0.69 0.00	37.85 0.92 0.00	40.46 0.75 0.00	45.64 0.63 0.00	58.93 0.35 0.00	66.93 0.86 0.00	64.06 0.76 0.00	54.28 1.22 0.00	50.95 1.29 0.00	44.47 1.34 0.00	37.76 0.78 0.00
NEPA___ENERGY 23901	32.70 1.04 0.00	29.75 0.75 0.00	27.25 0.72 0.00	26.06 0.69 0.00	26.64 0.68 0.00	28.87 0.62 0.00	32.89 0.00 0.00	34.96 -0.71 0.00	30.45 0.12 0.00	26.71 -0.11 0.00	27.94 0.33 0.00	30.24 0.68 0.00	31.78 0.59 0.00	35.33 1.06 0.00	38.18 1.26 0.00	40.82 1.11 0.00	45.82 0.81 0.00	58.52 -0.06 0.00	66.40 0.33 0.00	63.43 0.13 0.00	54.17 1.11 0.00	50.70 1.04 0.00	44.39 1.25 0.00	37.69 0.70 0.00

NEVERSINK___HYD 23608	32.28 0.63 0.00	29.52 0.52 0.00	27.04 0.50 0.00	25.85 0.48 0.00	26.43 0.47 0.00	28.78 0.54 0.00	33.65 0.76 0.00	36.67 1.00 0.00	31.21 0.88 0.00	27.71 0.88 0.00	28.69 0.97 -0.12	30.75 0.97 -0.21	32.71 1.22 -0.31	35.98 1.23 -0.48	38.63 1.18 -0.53	41.60 1.27 -0.62	47.08 1.57 -0.49	61.17 2.23 -0.36	68.70 2.37 -0.26	65.46 2.15 0.00	54.49 1.43 0.00	50.90 1.24 0.00	44.13 0.99 0.00	37.91 0.92 0.00
NEWKRMKL_115KV_TB1 55635	31.46 -0.19 0.00	28.99 0.00 0.00	26.61 0.08 0.00	25.47 0.10 0.00	26.04 0.08 0.00	28.33 0.08 0.00	32.93 0.03 0.00	35.85 0.18 0.00	30.42 0.09 0.00	26.96 0.13 0.00	27.64 0.17 0.14	29.33 0.03 0.26	30.85 0.03 0.38	33.72 0.03 0.58	36.12 -0.07 0.73	38.77 -0.08 0.85	44.34 0.00 0.67	58.14 0.06 0.50	65.72 0.00 0.35	63.24 -0.06 0.00	53.01 -0.05 0.00	49.51 -0.15 0.00	42.92 -0.22 0.00	36.87 -0.11 0.00
NEWTON___FALLS_HYD 23847	32.85 1.20 0.00	30.04 1.04 0.00	27.41 0.88 0.00	26.21 0.84 0.00	26.90 0.93 0.00	29.26 1.02 0.00	34.18 1.28 0.00	36.89 1.21 0.00	30.99 0.67 0.00	27.20 0.38 0.00	27.92 0.30 0.00	29.74 0.18 0.00	31.10 -0.09 0.00	34.10 -0.17 0.00	36.74 -0.18 0.00	39.51 -0.20 0.00	44.88 -0.14 0.00	59.57 1.00 0.00	67.52 1.45 0.00	65.27 1.96 0.00	54.70 1.64 0.00	51.00 1.34 0.00	44.43 1.29 0.00	38.09 1.11 0.00
NGRID_A1_DSASP 323792	32.00 0.35 0.00	29.14 0.15 0.00	26.72 0.19 0.00	25.45 0.08 0.00	26.07 0.10 0.00	28.08 -0.17 0.00	31.87 -1.02 0.00	33.71 -1.96 0.00	29.51 -0.82 0.00	25.88 -0.94 0.00	27.09 -0.53 0.00	29.35 -0.21 0.00	30.75 -0.44 0.00	34.20 -0.07 0.00	37.00 0.07 0.00	39.55 -0.16 0.00	44.29 -0.72 0.00	56.35 -2.23 0.00	63.89 -2.18 0.00	61.03 -2.28 0.00	52.16 -0.90 0.00	49.21 -0.45 0.00	43.40 0.26 0.00	36.80 -0.18 0.00
NGRID_A2_DSASP 323793	32.00 0.35 0.00	29.14 0.15 0.00	26.72 0.19 0.00	25.45 0.08 0.00	26.07 0.10 0.00	28.08 -0.17 0.00	31.87 -1.02 0.00	33.71 -1.96 0.00	29.51 -0.82 0.00	25.88 -0.94 0.00	27.09 -0.53 0.00	29.35 -0.21 0.00	30.75 -0.44 0.00	34.20 -0.07 0.00	37.00 0.07 0.00	39.55 -0.16 0.00	44.29 -0.72 0.00	56.35 -2.23 0.00	63.89 -2.18 0.00	61.03 -2.28 0.00	52.16 -0.90 0.00	49.21 -0.45 0.00	43.40 0.26 0.00	36.80 -0.18 0.00
NGRID_A4_DSASP 323807	32.00 0.35 0.00	29.14 0.15 0.00	26.72 0.19 0.00	25.45 0.08 0.00	26.07 0.10 0.00	28.08 -0.17 0.00	31.87 -1.02 0.00	33.71 -1.96 0.00	29.51 -0.82 0.00	25.88 -0.94 0.00	27.09 -0.53 0.00	29.35 -0.21 0.00	30.75 -0.44 0.00	34.20 -0.07 0.00	37.00 0.07 0.00	39.55 -0.16 0.00	44.29 -0.72 0.00	56.35 -2.23 0.00	63.89 -2.18 0.00	61.03 -2.28 0.00	52.16 -0.90 0.00	49.21 -0.45 0.00	43.40 0.26 0.00	36.80 -0.18 0.00
NIAGARA_115E_LBMP 323715	32.63 0.98 0.00	29.72 0.73 0.00	27.22 0.69 0.00	25.93 0.56 0.00	26.56 0.60 0.00	28.61 0.37 0.00	32.10 -0.79 0.00	33.82 -1.86 0.00	29.57 -0.76 0.00	25.91 -0.91 0.00	27.14 -0.47 0.00	29.38 -0.18 0.00	30.82 -0.37 0.00	34.27 0.00 0.00	37.07 0.15 0.00	39.66 -0.04 0.00	44.38 -0.63 0.00	56.53 -2.05 0.00	64.15 -1.92 0.00	61.28 -2.03 0.00	52.37 -0.69 0.00	49.36 -0.30 0.00	43.52 0.39 0.00	37.35 0.37 0.00
NIAGARA_115W_LBMP 323714	31.90 0.25 0.00	29.05 0.06 0.00	26.64 0.11 0.00	25.37 0.00 0.00	25.99 0.03 0.00	27.99 -0.25 0.00	31.77 -1.12 0.00	33.64 -2.03 0.00	29.42 -0.91 0.00	25.80 -1.02 0.00	27.03 -0.58 0.00	29.26 -0.30 0.00	30.66 -0.53 0.00	34.10 -0.17 0.00	36.89 -0.04 0.00	39.43 -0.28 0.00	44.11 -0.90 0.00	56.17 -2.40 0.00	63.69 -2.38 0.00	60.83 -2.47 0.00	52.00 -1.06 0.00	49.07 -0.59 0.00	43.26 0.13 0.00	36.69 -0.30 0.00
NIAGARA_230_LBMP 323716	32.32 0.67 0.00	29.43 0.44 0.00	26.96 0.42 0.00	25.70 0.33 0.00	26.30 0.34 0.00	28.36 0.11 0.00	32.20 -0.69 0.00	34.11 -1.57 0.00	29.78 -0.54 0.00	26.15 -0.67 0.00	27.36 -0.25 0.00	29.62 0.06 0.00	31.04 -0.16 0.00	34.51 0.24 0.00	37.33 0.41 0.00	39.90 0.20 0.00	44.65 -0.36 0.00	56.94 -1.64 0.00	64.48 -1.59 0.00	61.66 -1.65 0.00	52.69 -0.37 0.00	49.66 0.00 0.00	43.74 0.60 0.00	37.13 0.15 0.00
NIAGARA___115KV_198_GIBSON 55903	31.90 0.25 0.00	29.02 0.03 0.00	26.53 0.00 0.00	25.37 0.00 0.00	25.94 -0.03 0.00	27.99 -0.25 0.00	31.87 -1.02 0.00	33.64 -2.03 0.00	29.42 -0.91 0.00	25.80 -1.02 0.00	27.03 -0.58 0.00	29.26 -0.30 0.00	30.66 -0.53 0.00	34.10 -0.17 0.00	36.89 -0.04 0.00	39.43 -0.28 0.00	44.11 -0.90 0.00	56.18 -2.40 0.00	63.69 -2.38 0.00	60.83 -2.47 0.00	52.00 -1.06 0.00	49.06 -0.60 0.00	43.18 0.04 0.00	36.65 -0.33 0.00
NIAGARA____ 23760	32.32 0.67 0.00	29.43 0.44 0.00	26.96 0.42 0.00	25.70 0.33 0.00	26.30 0.34 0.00	28.36 0.11 0.00	32.20 -0.69 0.00	34.11 -1.57 0.00	29.78 -0.54 0.00	26.15 -0.67 0.00	27.36 -0.25 0.00	29.62 0.06 0.00	31.04 -0.16 0.00	34.51 0.24 0.00	37.33 0.41 0.00	39.90 0.20 0.00	44.65 -0.36 0.00	56.94 -1.64 0.00	64.48 -1.59 0.00	61.66 -1.65 0.00	52.69 -0.37 0.00	49.66 0.00 0.00	43.74 0.60 0.00	37.13 0.15 0.00
NINE_MILE_1 23575	30.77 -0.89 0.00	28.15 -0.84 0.00	25.76 -0.77 0.00	24.64 -0.74 0.00	25.21 -0.75 0.00	27.40 -0.85 0.00	31.84 -1.05 0.00	34.50 -1.18 0.00	29.39 -0.94 0.00	25.96 -0.86 0.00	26.76 -0.86 0.00	28.67 -0.89 0.00	30.26 -0.93 0.00	33.27 -0.99 0.00	35.93 -1.00 0.00	38.55 -1.15 0.00	43.70 -1.31 0.00	56.76 -1.82 0.00	64.15 -1.92 0.00	61.47 -1.84 0.00	51.57 -1.49 0.00	48.27 -1.39 0.00	41.97 -1.16 0.00	35.91 -1.07 0.00
NINE_MILE_2 23744	30.77 -0.89 0.00	28.15 -0.84 0.00	25.76 -0.77 0.00	24.64 -0.74 0.00	25.21 -0.75 0.00	27.40 -0.85 0.00	31.84 -1.05 0.00	34.50 -1.18 0.00	29.39 -0.94 0.00	25.96 -0.86 0.00	26.76 -0.86 0.00	28.67 -0.89 0.00	30.26 -0.93 0.00	33.27 -0.99 0.00	35.93 -1.00 0.00	38.55 -1.15 0.00	43.70 -1.31 0.00	56.76 -1.82 0.00	64.15 -1.92 0.00	61.47 -1.84 0.00	51.57 -1.49 0.00	48.27 -1.39 0.00	41.97 -1.16 0.00	35.91 -1.07 0.00
NM_CAPITAL___DRP 24208	31.56 -0.09 0.00	29.08 0.09 0.00	26.69 0.16 0.00	25.55 0.18 0.00	26.10 0.13 0.00	28.42 0.17 0.00	33.02 0.13 0.00	35.96 0.29 0.00	30.54 0.21 0.00	27.06 0.24 0.00	27.68 0.22 0.16	29.39 0.12 0.29	30.93 0.16 0.41	33.73 0.10 0.64	36.16 0.04 0.80	38.81 0.04 0.93	44.41 0.14 0.74	58.21 0.18 0.55	65.82 0.13 0.38	63.37 0.06 0.00	53.11 0.05 0.00	49.66 0.00 0.00	43.01 -0.13 0.00	36.95 -0.04 0.00
NM_CENTRAL___DRP 24181	31.40 -0.25 0.00	28.70 -0.29 0.00	26.24 -0.29 0.00	25.09 -0.28 0.00	25.68 -0.29 0.00	27.91 -0.34 0.00	32.46 -0.43 0.00	35.17 -0.50 0.00	29.99 -0.33 0.00	26.45 -0.38 0.00	27.28 -0.33 0.00	29.26 -0.30 0.00	30.88 -0.31 0.00	34.03 -0.24 0.00	36.70 -0.22 0.00	39.39 -0.32 0.00	44.65 -0.36 0.00	57.99 -0.59 0.00	65.54 -0.53 0.00	62.86 -0.44 0.00	52.69 -0.37 0.00	49.31 -0.35 0.00	42.83 -0.30 0.00	36.65 -0.33 0.00

NM_FRONTIER___DRP 24179	31.90 0.25 0.00	29.02 0.03 0.00	26.53 0.00 0.00	25.37 0.00 0.00	25.94 -0.03 0.00	27.99 -0.25 0.00	31.87 -1.02 0.00	33.64 -2.03 0.00	29.42 -0.91 0.00	25.80 -1.02 0.00	27.03 -0.58 0.00	29.26 -0.30 0.00	30.66 -0.53 0.00	34.10 -0.17 0.00	36.89 -0.04 0.00	39.43 -0.28 0.00	44.11 -0.90 0.00	56.18 -2.40 0.00	63.69 -2.38 0.00	60.83 -2.47 0.00	52.00 -1.06 0.00	49.06 -0.60 0.00	43.18 0.04 0.00	36.65 -0.33 0.00
NM_ST_REGIS___HYD 24053	32.92 1.27 0.00	30.15 1.16 0.00	27.52 0.98 0.00	26.29 0.91 0.00	26.98 1.01 0.00	29.32 1.07 0.00	34.54 1.64 0.00	37.32 1.64 0.00	31.39 1.06 0.00	27.71 0.89 0.00	28.44 0.83 0.00	30.50 0.95 0.00	32.06 0.87 0.00	35.19 0.93 0.00	37.81 0.89 0.00	40.70 0.99 0.00	46.18 1.17 0.00	59.57 1.00 0.00	67.26 1.19 0.00	64.89 1.58 0.00	54.39 1.33 0.00	50.85 1.19 0.00	44.43 1.29 0.00	38.20 1.22 0.00
NORTHPORT___1 23551	32.16 0.50 0.00	29.25 0.26 0.00	26.77 0.24 0.00	25.63 0.25 0.00	26.17 0.21 0.00	28.47 0.22 0.00	33.19 0.30 0.00	36.82 1.14 0.00	31.30 0.97 0.00	27.92 1.10 0.00	29.53 1.71 -0.20	31.83 1.89 -0.37	33.75 2.03 -0.53	37.43 2.33 -0.83	39.80 1.92 -0.96	41.98 1.15 -1.12	47.52 1.62 -0.89	61.11 1.87 -0.66	67.98 1.45 -0.46	64.07 0.76 0.00	52.90 -0.16 0.00	49.31 -0.35 0.01	42.65 -0.47 0.01	38.54 1.55 0.00
NORTHPORT___2 23552	32.16 0.50 0.00	29.25 0.26 0.00	26.77 0.24 0.00	25.63 0.25 0.00	26.17 0.21 0.00	28.47 0.22 0.00	33.19 0.30 0.00	36.82 1.14 0.00	31.30 0.97 0.00	27.92 1.10 0.00	29.53 1.71 -0.20	31.83 1.89 -0.37	33.75 2.03 -0.53	37.43 2.33 -0.83	39.80 1.92 -0.96	41.98 1.15 -1.12	47.52 1.62 -0.89	61.11 1.87 -0.66	67.98 1.45 -0.46	64.07 0.76 0.00	52.90 -0.16 0.00	49.31 -0.35 0.01	42.65 -0.47 0.01	38.54 1.55 0.00
NORTHPORT___3 23553	32.13 0.48 0.00	29.23 0.23 0.00	26.77 0.24 0.00	25.60 0.23 0.00	26.12 0.16 0.00	28.42 0.17 0.00	33.22 0.33 0.00	36.74 1.07 0.00	31.32 1.00 0.00	27.95 1.13 0.00	29.55 1.74 -0.20	31.85 1.92 -0.37	33.85 2.12 -0.53	37.50 2.40 -0.83	39.91 2.03 -0.96	42.14 1.31 -1.12	47.57 1.67 -0.89	61.28 2.05 -0.66	68.11 1.58 -0.46	64.07 0.76 0.00	52.95 -0.11 0.00	49.41 -0.25 0.01	42.78 -0.35 0.01	38.50 1.52 0.00
NORTHPORT___4 23650	32.13 0.48 0.00	29.23 0.23 0.00	26.77 0.24 0.00	25.60 0.23 0.00	26.12 0.16 0.00	28.42 0.17 0.00	33.22 0.33 0.00	36.74 1.07 0.00	31.32 1.00 0.00	27.95 1.13 0.00	29.55 1.74 -0.20	31.85 1.92 -0.37	33.85 2.12 -0.53	37.50 2.40 -0.83	39.91 2.03 -0.96	42.14 1.31 -1.12	47.57 1.67 -0.89	61.28 2.05 -0.66	68.11 1.58 -0.46	64.07 0.76 0.00	52.95 -0.11 0.00	49.41 -0.25 0.01	42.78 -0.35 0.01	38.50 1.52 0.00
NORTHPORT___IC 23718	32.16 0.51 0.00	29.26 0.26 0.00	26.96 0.42 0.00	25.63 0.25 0.00	26.20 0.23 0.00	28.47 0.23 0.00	33.22 0.33 0.00	36.82 1.14 0.00	31.30 0.97 0.00	27.92 1.10 0.00	29.53 1.71 -0.20	31.82 1.89 -0.37	33.75 2.03 -0.53	37.43 2.33 -0.83	39.91 2.03 -0.96	42.10 1.27 -1.12	47.52 1.62 -0.89	61.11 1.87 -0.66	67.98 1.45 -0.46	64.06 0.76 0.00	53.06 0.00 0.00	49.31 -0.35 0.01	42.70 -0.43 0.01	38.65 1.66 0.00
NORTH___COUNTRY_ESR 323785	32.41 0.76 0.00	29.69 0.69 0.00	27.15 0.61 0.00	25.96 0.58 0.00	26.62 0.65 0.00	28.95 0.71 0.00	33.78 0.89 0.00	36.53 0.85 0.00	30.81 0.48 0.00	27.22 0.40 0.00	27.95 0.33 0.00	29.94 0.38 0.00	31.50 0.31 0.00	34.54 0.27 0.00	37.14 0.22 0.00	39.98 0.28 0.00	45.33 0.32 0.00	59.63 1.06 0.00	67.32 1.25 0.00	64.69 1.39 0.00	54.18 1.12 0.00	50.60 0.94 0.00	44.00 0.86 0.00	37.72 0.74 0.00
NPX_GEN_1385_PROXY 323591	32.28 0.63 0.00	29.37 0.38 0.00	26.77 0.24 0.00	25.83 0.46 0.00	26.38 0.41 0.00	28.67 0.42 0.00	33.32 0.43 0.00	37.10 1.43 0.00	31.21 0.88 0.00	27.76 0.94 0.00	29.19 1.38 -0.20	31.38 1.45 -0.37	33.19 1.47 -0.53	35.37 1.68 0.58	38.00 1.22 0.14	41.54 0.72 -1.12	47.30 1.40 -0.89	60.47 1.23 -0.66	67.45 0.92 -0.46	62.04 0.76 2.03	54.93 -0.16 -2.03	49.01 -0.65 0.01	42.39 -0.73 0.01	38.31 1.33 0.00
NPX_GEN_CSC 323557	31.65 0.00 0.00	28.76 -0.23 0.00	26.38 -0.16 0.00	25.22 -0.15 0.00	25.73 -0.23 0.00	27.99 -0.25 0.00	32.56 -0.33 0.00	36.24 0.57 0.00	30.84 0.52 0.00	27.55 0.72 0.00	29.22 1.41 -0.20	31.53 1.60 -0.37	33.38 1.65 -0.53	37.23 2.13 -0.83	39.80 1.92 -0.96	42.30 1.47 -1.12	48.06 2.16 -0.89	62.00 2.75 -0.67	69.04 2.51 -0.46	62.86 1.58 2.03	55.62 0.53 -2.03	49.85 0.20 0.01	43.04 -0.09 0.01	38.54 1.55 0.00
NSINS_S_GLNS_FALLS 23858	32.57 0.92 0.00	29.81 0.81 0.00	27.30 0.77 0.00	26.06 0.69 0.00	26.72 0.75 0.00	29.15 0.90 0.00	33.98 1.09 0.00	36.71 1.03 0.00	31.02 0.70 0.00	27.25 0.43 0.00	27.54 0.08 0.15	29.30 0.03 0.29	30.69 -0.09 0.41	33.73 0.10 0.64	36.02 -0.11 0.79	38.74 -0.04 0.92	44.73 0.45 0.73	59.33 1.29 0.54	68.07 2.38 0.38	65.71 2.41 0.00	55.45 2.39 0.00	51.50 1.84 0.00	44.64 1.51 0.00	38.17 1.18 0.00
NUCOR_STEEL___DRP 24197	31.84 0.19 0.00	29.11 0.12 0.00	26.59 0.05 0.00	25.42 0.05 0.00	26.02 0.05 0.00	28.30 0.06 0.00	32.89 0.00 0.00	35.57 -0.11 0.00	30.33 0.00 0.00	26.69 -0.13 0.00	27.56 -0.06 0.00	29.56 0.00 0.00	31.16 -0.03 0.00	34.37 0.10 0.00	37.07 0.15 0.00	39.82 0.12 0.00	45.15 0.14 0.00	58.75 0.18 0.00	66.53 0.46 0.00	63.87 0.57 0.00	53.54 0.48 0.00	50.16 0.50 0.00	43.57 0.43 0.00	37.17 0.18 0.00
NUMBER_THREE_WT_PWR 323818	32.85 1.20 0.00	30.04 1.04 0.00	27.41 0.87 0.00	26.24 0.86 0.00	26.93 0.96 0.00	29.32 1.07 0.00	34.14 1.25 0.00	36.89 1.21 0.00	31.05 0.73 0.00	27.22 0.40 0.00	27.92 0.30 0.00	29.82 0.27 0.00	31.32 0.13 0.00	34.44 0.17 0.00	37.14 0.22 0.00	39.94 0.24 0.00	45.37 0.36 0.00	60.04 1.47 0.00	68.31 2.25 0.00	66.02 2.72 0.00	55.34 2.28 0.00	51.30 1.64 0.00	44.47 1.34 0.00	37.94 0.96 0.00
NYISO_LBMP_REFERENCE 24008	31.65 0.00 0.00	28.99 0.00 0.00	26.53 0.00 0.00	25.37 0.00 0.00	25.97 0.00 0.00	28.25 0.00 0.00	32.89 0.00 0.00	35.67 0.00 0.00	30.33 0.00 0.00	26.82 0.00 0.00	27.61 0.00 0.00	29.56 0.00 0.00	31.19 0.00 0.00	34.27 0.00 0.00	36.92 0.00 0.00	39.70 0.00 0.00	45.01 0.00 0.00	58.58 0.00 0.00	66.07 0.00 0.00	63.30 0.00 0.00	53.06 0.00 0.00	49.66 0.00 0.00	43.13 0.00 0.00	36.98 0.00 0.00
NYPA_BRENTWD____GT 24164	32.44 0.79 0.00	29.52 0.52 0.00	27.01 0.48 0.00	25.85 0.48 0.00	26.38 0.41 0.00	28.70 0.45 0.00	33.48 0.59 0.00	37.10 1.43 0.00	31.60 1.27 0.00	28.19 1.37 0.00	29.86 2.04 -0.20	32.18 2.25 -0.37	34.13 2.40 -0.53	37.91 2.81 -0.83	40.46 2.58 -0.96	42.85 2.02 -1.12	48.56 2.66 -0.89	62.34 3.10 -0.66	69.37 2.84 -0.46	65.27 1.96 0.00	53.91 0.85 0.00	50.40 0.75 0.01	43.56 0.43 0.01	39.09 2.11 0.00

NYPA_GOWANUS____GT5 24156	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.83 2.31 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NYPA_GOWANUS____GT6 24157	32.82 1.17 0.00	29.92 0.93 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.56 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.49 2.66 -1.12	48.65 2.75 -0.89	61.75 2.52 -0.66	68.83 2.31 -0.45	65.32 2.03 0.01	54.17 1.12 0.01	50.74 1.09 0.01	44.34 1.21 0.00	38.57 1.59 0.00
NYPA_HARLEM__RVR__GT1 24160	32.66 1.01 0.00	29.80 0.81 0.00	27.30 0.77 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.75 0.51 0.01	33.77 0.89 0.01	37.02 1.36 0.01	31.71 1.40 0.01	28.40 1.58 0.01	29.68 1.88 -0.19	31.87 1.95 -0.36	34.01 2.28 -0.54	37.42 2.33 -0.82	40.20 2.33 -0.95	43.13 2.30 -1.12	48.51 2.61 -0.89	61.51 2.28 -0.65	68.50 1.98 -0.45	65.01 1.71 0.01	53.85 0.80 0.01	50.65 0.99 0.01	44.30 1.17 0.00	38.46 1.48 0.00
NYPA_HARLEM__RVR__GT2 24161	32.66 1.01 0.00	29.80 0.81 0.00	27.30 0.77 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.75 0.51 0.01	33.77 0.89 0.01	37.02 1.36 0.01	31.71 1.40 0.01	28.40 1.58 0.01	29.68 1.88 -0.19	31.87 1.95 -0.36	34.01 2.28 -0.54	37.42 2.33 -0.82	40.20 2.33 -0.95	43.13 2.30 -1.12	48.51 2.61 -0.89	61.51 2.28 -0.65	68.50 1.98 -0.45	65.01 1.71 0.01	53.85 0.80 0.01	50.65 0.99 0.01	44.30 1.17 0.00	38.46 1.48 0.00
NYPA_KENT____GT 24152	32.73 1.08 0.00	29.89 0.90 0.00	27.38 0.85 0.00	26.11 0.74 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.54 1.72 0.00	29.83 2.01 -0.20	32.06 2.13 -0.37	34.21 2.46 -0.55	37.67 2.57 -0.83	40.47 2.58 -0.97	43.45 2.62 -1.12	48.65 2.75 -0.89	61.81 2.57 -0.66	68.83 2.31 -0.45	65.26 1.96 0.01	54.11 1.06 0.01	50.80 1.14 0.01	44.34 1.21 0.00	38.50 1.52 0.00
NYPA_POUCH1____GT 24155	32.85 1.20 0.00	29.95 0.96 0.00	27.41 0.87 0.00	26.13 0.76 0.00	26.69 0.73 0.00	28.90 0.65 0.00	33.94 1.05 0.00	37.21 1.53 0.00	31.81 1.49 0.00	28.51 1.69 0.00	29.83 2.01 -0.20	32.06 2.13 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.55 2.66 -0.97	43.45 2.62 -1.12	48.42 2.52 -0.89	61.46 2.23 -0.66	68.57 2.05 -0.45	65.01 1.71 0.01	53.95 0.90 0.01	50.50 0.84 0.01	44.21 1.08 0.00	38.54 1.55 0.00
NYPA_VERNON____GT2 24162	32.66 1.01 0.00	29.84 0.84 0.00	27.36 0.82 0.00	26.11 0.74 0.00	26.67 0.70 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.54 1.72 0.00	29.80 1.99 -0.20	32.03 2.10 -0.37	34.14 2.40 -0.55	37.60 2.50 -0.83	40.40 2.51 -0.97	43.37 2.54 -1.12	48.65 2.75 -0.89	61.88 2.64 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.11 1.06 0.01	50.80 1.14 0.01	44.34 1.21 0.00	38.42 1.44 0.00
NYPA_VERNON____GT3 24163	32.66 1.01 0.00	29.84 0.84 0.00	27.36 0.82 0.00	26.11 0.74 0.00	26.67 0.70 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.54 1.72 0.00	29.80 1.99 -0.20	32.03 2.10 -0.37	34.14 2.40 -0.55	37.60 2.50 -0.83	40.40 2.51 -0.97	43.37 2.54 -1.12	48.65 2.75 -0.89	61.88 2.64 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.11 1.06 0.01	50.80 1.14 0.01	44.34 1.21 0.00	38.42 1.44 0.00
NYPA____ASTORIA_CC1 323568	32.63 0.98 0.00	29.80 0.81 0.00	27.33 0.80 0.00	26.08 0.71 0.00	26.64 0.67 0.00	28.87 0.62 0.00	33.91 1.02 0.00	37.21 1.53 0.00	31.84 1.52 0.00	28.51 1.69 0.00	29.80 1.99 -0.20	32.00 2.07 -0.37	34.11 2.37 -0.55	37.57 2.47 -0.83	40.32 2.44 -0.97	43.33 2.50 -1.12	48.60 2.70 -0.89	61.75 2.52 -0.66	68.77 2.25 -0.45	65.19 1.90 0.01	54.01 0.96 0.01	50.74 1.09 0.01	44.30 1.17 0.00	38.39 1.40 0.00
NYPA____ASTORIA_CC2 323569	32.63 0.98 0.00	29.80 0.81 0.00	27.33 0.80 0.00	26.08 0.71 0.00	26.64 0.67 0.00	28.87 0.62 0.00	33.91 1.02 0.00	37.21 1.53 0.00	31.84 1.52 0.00	28.51 1.69 0.00	29.80 1.99 -0.20	32.00 2.07 -0.37	34.11 2.37 -0.55	37.57 2.47 -0.83	40.32 2.44 -0.97	43.33 2.50 -1.12	48.60 2.70 -0.89	61.75 2.52 -0.66	68.77 2.25 -0.45	65.19 1.90 0.01	54.01 0.96 0.01	50.74 1.09 0.01	44.30 1.17 0.00	38.39 1.40 0.00
NYPA____HOLTSVILL 23794	32.09 0.44 0.00	29.20 0.20 0.00	26.75 0.21 0.00	25.57 0.20 0.00	26.12 0.16 0.00	28.39 0.14 0.00	33.09 0.20 0.00	36.71 1.04 0.00	31.30 0.97 0.00	27.92 1.10 0.00	29.58 1.77 -0.20	31.91 1.98 -0.37	33.81 2.09 -0.53	37.60 2.50 -0.83	40.13 2.25 -0.96	42.57 1.74 -1.12	48.29 2.38 -0.89	62.17 2.93 -0.67	69.10 2.57 -0.46	65.01 1.71 0.00	53.80 0.74 0.00	50.10 0.45 0.01	43.30 0.17 0.01	38.79 1.81 0.00
NYPA____HELLGATE_GT1 24158	32.66 1.01 0.00	29.80 0.81 0.00	27.30 0.77 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.75 0.51 0.01	33.77 0.89 0.01	37.02 1.36 0.01	31.71 1.40 0.01	28.40 1.58 0.01	29.68 1.88 -0.19	31.87 1.95 -0.36	34.01 2.28 -0.54	37.42 2.33 -0.82	40.20 2.33 -0.95	43.13 2.30 -1.12	48.51 2.61 -0.89	61.51 2.28 -0.65	68.50 1.98 -0.45	65.01 1.71 0.01	53.85 0.80 0.01	50.65 0.99 0.01	44.30 1.17 0.00	38.46 1.48 0.00
NYPA____HELLGATE_GT2 24159	32.66 1.01 0.00	29.80 0.81 0.00	27.30 0.77 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.75 0.51 0.01	33.77 0.89 0.01	37.02 1.36 0.01	31.71 1.40 0.01	28.40 1.58 0.01	29.68 1.88 -0.19	31.87 1.95 -0.36	34.01 2.28 -0.54	37.42 2.33 -0.82	40.20 2.33 -0.95	43.13 2.30 -1.12	48.51 2.61 -0.89	61.51 2.28 -0.65	68.50 1.98 -0.45	65.01 1.71 0.01	53.85 0.80 0.01	50.65 0.99 0.01	44.30 1.17 0.00	38.46 1.48 0.00
NYS_BARGE____HYD 23848	32.95 1.30 0.00	29.98 0.99 0.00	27.44 0.90 0.00	26.16 0.79 0.00	26.80 0.83 0.00	28.90 0.65 0.00	32.56 -0.33 0.00	34.35 -1.32 0.00	30.02 -0.30 0.00	26.31 -0.51 0.00	27.53 -0.08 0.00	29.85 0.30 0.00	31.29 0.09 0.00	34.81 0.55 0.00	37.70 0.78 0.00	40.30 0.60 0.00	45.15 0.14 0.00	57.58 -1.00 0.00	65.41 -0.66 0.00	62.48 -0.82 0.00	53.38 0.32 0.00	50.26 0.60 0.00	44.25 1.12 0.00	37.80 0.81 0.00
OAK ORCHARD____HYD 24046	32.47 0.82 0.00	29.60 0.61 0.00	27.04 0.50 0.00	25.78 0.40 0.00	26.41 0.44 0.00	28.59 0.34 0.00	32.86 -0.03 0.00	35.25 -0.43 0.00	30.42 0.09 0.00	26.71 -0.11 0.00	27.78 0.17 0.00	30.00 0.44 0.00	31.50 0.31 0.00	34.92 0.65 0.00	37.77 0.85 0.00	40.42 0.72 0.00	45.60 0.58 0.00	58.87 0.29 0.00	66.73 0.66 0.00	63.87 0.57 0.00	54.02 0.96 0.00	50.71 1.04 0.00	44.30 1.17 0.00	37.54 0.56 0.00

OAKDALE___35_KV_LOAD 356122	31.94 0.28 0.00	29.17 0.17 0.00	26.69 0.16 0.00	25.52 0.15 0.00	26.12 0.16 0.00	28.39 0.14 0.00	32.96 0.07 0.00	35.60 -0.07 0.00	30.45 0.12 0.00	26.85 0.03 0.00	27.75 0.14 0.00	29.80 0.24 0.00	31.44 0.25 0.00	34.65 0.38 0.00	37.29 0.37 0.00	40.02 0.32 0.00	45.33 0.32 0.00	58.70 0.12 0.00	66.40 0.33 0.00	63.68 0.38 0.00	53.54 0.48 0.00	50.11 0.45 0.00	43.52 0.39 0.00	37.17 0.18 0.00
OCC_CHEM___DRP 24175	32.00 0.35 0.00	29.11 0.12 0.00	26.61 0.08 0.00	25.45 0.08 0.00	26.02 0.05 0.00	28.08 -0.17 0.00	31.97 -0.92 0.00	33.71 -1.96 0.00	29.51 -0.82 0.00	25.88 -0.94 0.00	27.09 -0.52 0.00	29.35 -0.21 0.00	30.75 -0.44 0.00	34.20 -0.07 0.00	37.00 0.07 0.00	39.54 -0.16 0.00	44.29 -0.72 0.00	56.35 -2.23 0.00	63.89 -2.18 0.00	60.96 -2.34 0.00	52.16 -0.90 0.00	49.21 -0.45 0.00	43.31 0.17 0.00	36.76 -0.22 0.00
OH_GEN_PROXY 24063	32.25 0.60 0.00	29.40 0.41 0.00	26.93 0.40 0.00	25.68 0.31 0.00	26.28 0.31 0.00	28.33 0.08 0.00	32.20 -0.69 0.00	34.14 -1.53 0.00	29.81 -0.52 0.00	26.18 -0.64 0.00	27.36 -0.25 0.00	29.62 0.06 0.00	31.07 -0.12 0.00	34.51 0.24 0.00	37.33 0.41 0.00	39.90 0.20 0.00	44.74 -0.27 0.00	57.00 -1.58 0.00	64.61 -1.45 0.00	59.76 -1.52 2.03	54.77 -0.32 -2.03	49.66 0.00 0.00	43.69 0.56 0.00	37.09 0.11 0.00
OLIN_CORP_DRP 24177	32.63 0.98 0.00	29.66 0.67 0.00	27.12 0.58 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.61 0.37 0.00	31.97 -0.92 0.00	33.89 -1.78 0.00	29.63 -0.70 0.00	25.99 -0.83 0.00	27.20 -0.41 0.00	29.47 -0.09 0.00	30.88 -0.31 0.00	34.34 0.07 0.00	37.18 0.26 0.00	39.74 0.04 0.00	44.52 -0.50 0.00	56.65 -1.93 0.00	64.28 -1.78 0.00	61.40 -1.90 0.00	52.48 -0.58 0.00	49.46 -0.20 0.00	43.57 0.43 0.00	37.35 0.37 0.00
OLIN_CORP_DSASP 323712	32.00 0.35 0.00	29.14 0.15 0.00	26.72 0.19 0.00	25.45 0.08 0.00	26.07 0.10 0.00	28.08 -0.17 0.00	31.87 -1.02 0.00	33.71 -1.96 0.00	29.51 -0.82 0.00	25.88 -0.94 0.00	27.09 -0.53 0.00	29.35 -0.21 0.00	30.75 -0.44 0.00	34.20 -0.07 0.00	37.00 0.07 0.00	39.55 -0.16 0.00	44.29 -0.72 0.00	56.35 -2.23 0.00	63.89 -2.18 0.00	61.03 -2.28 0.00	52.16 -0.90 0.00	49.21 -0.45 0.00	43.40 0.26 0.00	36.80 -0.18 0.00
ONEIDA_HERK_LFGE 323681	32.51 0.85 0.00	29.72 0.73 0.00	27.17 0.64 0.00	25.98 0.61 0.00	26.64 0.67 0.00	29.01 0.76 0.00	33.78 0.89 0.00	36.57 0.89 0.00	30.93 0.61 0.00	27.17 0.35 0.00	27.92 0.30 0.00	29.85 0.30 0.00	31.41 0.22 0.00	34.58 0.31 0.00	37.29 0.37 0.00	40.14 0.44 0.00	45.60 0.58 0.00	59.98 1.40 0.00	68.05 1.98 0.00	65.52 2.21 0.00	54.87 1.81 0.00	51.10 1.44 0.00	44.30 1.17 0.00	37.83 0.85 0.00
ONEIDA___115KV_TB4 55905	32.41 0.76 0.00	29.63 0.64 0.00	27.07 0.53 0.00	25.91 0.53 0.00	26.54 0.57 0.00	28.90 0.65 0.00	33.62 0.72 0.00	36.42 0.75 0.00	30.87 0.55 0.00	27.12 0.30 0.00	27.92 0.30 0.00	29.88 0.33 0.00	31.47 0.28 0.00	34.68 0.41 0.00	37.40 0.48 0.00	40.26 0.56 0.00	45.73 0.72 0.00	59.98 1.41 0.00	67.98 1.92 0.00	65.39 2.09 0.00	54.76 1.70 0.00	51.15 1.49 0.00	44.34 1.21 0.00	37.83 0.85 0.00
ONONDAGA_REF_OCCRA 23987	31.49 -0.16 0.00	28.79 -0.20 0.00	26.32 -0.21 0.00	25.17 -0.20 0.00	25.76 -0.21 0.00	28.02 -0.23 0.00	32.60 -0.30 0.00	35.28 -0.39 0.00	30.08 -0.24 0.00	26.55 -0.27 0.00	27.36 -0.25 0.00	29.35 -0.21 0.00	30.97 -0.22 0.00	34.13 -0.14 0.00	36.81 -0.11 0.00	39.51 -0.20 0.00	44.79 -0.23 0.00	58.29 -0.29 0.00	65.87 -0.20 0.00	63.18 -0.13 0.00	52.95 -0.11 0.00	49.56 -0.10 0.00	43.01 -0.13 0.00	36.76 -0.22 0.00
ONONDAGA___COGEN 23986	31.52 -0.13 0.00	28.85 -0.14 0.00	26.35 -0.19 0.00	25.19 -0.18 0.00	25.79 -0.18 0.00	28.05 -0.20 0.00	32.63 -0.26 0.00	35.32 -0.36 0.00	30.11 -0.21 0.00	26.55 -0.27 0.00	27.39 -0.22 0.00	29.38 -0.18 0.00	30.97 -0.22 0.00	34.13 -0.14 0.00	36.85 -0.07 0.00	39.54 -0.16 0.00	44.83 -0.18 0.00	58.34 -0.23 0.00	65.93 -0.13 0.00	63.24 -0.06 0.00	53.01 -0.05 0.00	49.61 -0.05 0.00	43.09 -0.04 0.00	36.80 -0.18 0.00
ONTARIO___LFGE 23819	32.41 0.76 0.00	29.60 0.61 0.00	27.01 0.48 0.00	25.80 0.43 0.00	26.46 0.49 0.00	28.73 0.48 0.00	33.25 0.36 0.00	35.78 0.11 0.00	30.63 0.30 0.00	26.88 0.05 0.00	27.83 0.22 0.00	29.97 0.41 0.00	31.53 0.34 0.00	34.89 0.62 0.00	37.70 0.78 0.00	40.42 0.72 0.00	45.64 0.63 0.00	59.28 0.71 0.00	67.26 1.19 0.00	64.63 1.33 0.00	54.33 1.27 0.00	50.85 1.19 0.00	44.21 1.08 0.00	37.68 0.70 0.00
ORANGEVILLE_WT_PWR 323706	32.66 1.01 0.00	29.78 0.78 0.00	27.25 0.72 0.00	26.01 0.63 0.00	26.64 0.67 0.00	28.78 0.54 0.00	32.86 -0.03 0.00	34.85 -0.82 0.00	30.17 -0.15 0.00	26.42 -0.40 0.00	27.61 0.00 0.00	29.88 0.33 0.00	31.41 0.22 0.00	34.92 0.65 0.00	37.73 0.81 0.00	40.38 0.67 0.00	45.37 0.36 0.00	58.17 -0.41 0.00	66.13 0.07 0.00	63.43 0.13 0.00	53.96 0.90 0.00	50.65 0.99 0.00	44.39 1.25 0.00	37.76 0.78 0.00
ORANGEVILLE___ESR 323794	32.66 1.01 0.00	29.78 0.78 0.00	27.25 0.72 0.00	26.01 0.63 0.00	26.64 0.67 0.00	28.78 0.54 0.00	32.86 -0.03 0.00	34.85 -0.82 0.00	30.17 -0.15 0.00	26.42 -0.40 0.00	27.61 0.00 0.00	29.88 0.33 0.00	31.41 0.22 0.00	34.92 0.65 0.00	37.73 0.81 0.00	40.38 0.67 0.00	45.37 0.36 0.00	58.17 -0.41 0.00	66.13 0.07 0.00	63.43 0.13 0.00	53.96 0.90 0.00	50.65 0.99 0.00	44.39 1.25 0.00	37.76 0.78 0.00
OSWEGATCHIE___HYD 24044	32.85 1.20 0.00	30.04 1.04 0.00	27.41 0.87 0.00	26.21 0.84 0.00	26.90 0.93 0.00	29.26 1.02 0.00	34.17 1.28 0.00	36.89 1.21 0.00	30.99 0.67 0.00	27.20 0.38 0.00	27.92 0.30 0.00	29.74 0.18 0.00	31.10 -0.09 0.00	34.10 -0.17 0.00	36.74 -0.18 0.00	39.51 -0.20 0.00	44.88 -0.13 0.00	59.57 0.99 0.00	67.52 1.45 0.00	65.27 1.96 0.00	54.71 1.65 0.00	51.00 1.34 0.00	44.43 1.29 0.00	38.09 1.11 0.00
OSWEGO___5 23606	31.02 -0.63 0.00	28.38 -0.61 0.00	25.98 -0.56 0.00	24.84 -0.53 0.00	25.42 -0.55 0.00	27.63 -0.62 0.00	32.10 -0.79 0.00	34.75 -0.93 0.00	29.63 -0.70 0.00	26.15 -0.67 0.00	26.95 -0.66 0.00	28.91 -0.65 0.00	30.48 -0.72 0.00	33.55 -0.72 0.00	36.18 -0.74 0.00	38.87 -0.84 0.00	44.02 -0.99 0.00	57.23 -1.34 0.00	64.61 -1.45 0.00	61.97 -1.33 0.00	52.00 -1.06 0.00	48.67 -0.99 0.00	42.31 -0.82 0.00	36.20 -0.78 0.00
OSWEGO___6 23613	31.02 -0.63 0.00	28.38 -0.61 0.00	25.98 -0.56 0.00	24.84 -0.53 0.00	25.42 -0.55 0.00	27.63 -0.62 0.00	32.10 -0.79 0.00	34.75 -0.93 0.00	29.63 -0.70 0.00	26.15 -0.67 0.00	26.95 -0.66 0.00	28.91 -0.65 0.00	30.48 -0.72 0.00	33.55 -0.72 0.00	36.18 -0.74 0.00	38.87 -0.84 0.00	44.02 -0.99 0.00	57.23 -1.34 0.00	64.61 -1.45 0.00	61.97 -1.33 0.00	52.00 -1.06 0.00	48.67 -0.99 0.00	42.31 -0.82 0.00	36.20 -0.78 0.00

OUTOKUMPU-AB___DRP 24206	32.92 1.27 0.00	29.92 0.93 0.00	27.33 0.80 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.87 0.62 0.00	32.69 -0.20 0.00	34.60 -1.07 0.00	30.23 -0.09 0.00	26.50 -0.32 0.00	27.78 0.17 0.00	30.12 0.56 0.00	31.60 0.41 0.00	35.19 0.93 0.00	38.07 1.14 0.00	40.70 0.99 0.00	45.64 0.63 0.00	58.11 -0.47 0.00	66.00 -0.07 0.00	62.92 -0.38 0.00	53.75 0.69 0.00	50.60 0.94 0.00	44.47 1.34 0.00	37.83 0.85 0.00
OXBOW___BTM 323836	32.54 0.88 0.00	29.60 0.61 0.00	27.12 0.58 0.00	25.83 0.46 0.00	26.46 0.49 0.00	28.53 0.28 0.00	32.33 -0.56 0.00	34.21 -1.46 0.00	29.93 -0.40 0.00	26.26 -0.56 0.00	27.50 -0.11 0.00	29.79 0.24 0.00	31.25 0.06 0.00	34.78 0.51 0.00	37.62 0.70 0.00	40.26 0.56 0.00	45.10 0.09 0.00	57.41 -1.17 0.00	65.14 -0.93 0.00	62.17 -1.14 0.00	53.11 0.05 0.00	50.01 0.35 0.00	44.08 0.95 0.00	37.43 0.45 0.00
OXBOW___ 24026	32.54 0.89 0.00	29.57 0.58 0.00	27.01 0.48 0.00	25.83 0.46 0.00	26.41 0.44 0.00	28.53 0.28 0.00	32.40 -0.49 0.00	34.21 -1.46 0.00	29.93 -0.39 0.00	26.26 -0.56 0.00	27.50 -0.11 0.00	29.80 0.24 0.00	31.25 0.06 0.00	34.78 0.51 0.00	37.62 0.70 0.00	40.22 0.52 0.00	45.10 0.09 0.00	57.41 -1.17 0.00	65.14 -0.92 0.00	62.10 -1.20 0.00	53.11 0.05 0.00	50.01 0.35 0.00	44.00 0.86 0.00	37.39 0.41 0.00
OXY_CHEM_DSASP 323612	32.00 0.35 0.00	29.11 0.12 0.00	26.61 0.08 0.00	25.45 0.08 0.00	26.02 0.05 0.00	28.08 -0.17 0.00	31.97 -0.92 0.00	33.71 -1.96 0.00	29.51 -0.82 0.00	25.88 -0.94 0.00	27.09 -0.52 0.00	29.35 -0.21 0.00	30.75 -0.44 0.00	34.20 -0.07 0.00	37.00 0.07 0.00	39.54 -0.16 0.00	44.29 -0.72 0.00	56.35 -2.23 0.00	63.89 -2.18 0.00	60.96 -2.34 0.00	52.16 -0.90 0.00	49.21 -0.45 0.00	43.31 0.17 0.00	36.76 -0.22 0.00
OZONE_PARK_ESR 323760	32.85 1.20 0.00	30.01 1.01 0.00	27.54 1.01 0.00	26.31 0.94 0.00	26.88 0.91 0.00	29.24 0.99 0.00	34.34 1.45 0.00	37.64 1.96 0.00	32.15 1.82 0.00	28.70 1.88 0.00	29.94 2.13 -0.20	32.15 2.22 -0.37	34.30 2.56 -0.55	37.81 2.71 -0.83	40.58 2.70 -0.96	43.61 2.78 -1.12	49.05 3.15 -0.89	62.87 3.63 -0.66	70.03 3.50 -0.46	66.41 3.10 0.00	54.92 1.86 0.00	51.65 1.99 0.00	44.86 1.73 0.00	38.72 1.74 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.00 0.35 0.00	29.11 0.12 0.00	26.61 0.08 0.00	25.45 0.08 0.00	26.02 0.05 0.00	28.08 -0.17 0.00	31.97 -0.92 0.00	33.71 -1.96 0.00	29.51 -0.82 0.00	25.88 -0.94 0.00	27.09 -0.52 0.00	29.35 -0.21 0.00	30.75 -0.44 0.00	34.20 -0.07 0.00	37.00 0.07 0.00	39.54 -0.16 0.00	44.29 -0.72 0.00	56.35 -2.23 0.00	63.89 -2.18 0.00	60.96 -2.34 0.00	52.16 -0.90 0.00	49.21 -0.45 0.00	43.31 0.17 0.00	36.76 -0.22 0.00
PACKARD___115KV_DUPONT_184 80571	32.00 0.35 0.00	29.11 0.12 0.00	26.61 0.08 0.00	25.45 0.08 0.00	26.02 0.05 0.00	28.08 -0.17 0.00	31.97 -0.92 0.00	33.71 -1.96 0.00	29.51 -0.82 0.00	25.88 -0.94 0.00	27.09 -0.52 0.00	29.35 -0.21 0.00	30.75 -0.44 0.00	34.20 -0.07 0.00	37.00 0.07 0.00	39.54 -0.16 0.00	44.29 -0.72 0.00	56.35 -2.23 0.00	63.89 -2.18 0.00	60.96 -2.34 0.00	52.16 -0.90 0.00	49.21 -0.45 0.00	43.31 0.17 0.00	36.76 -0.22 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.63 0.98 0.00	29.78 0.78 0.00	27.30 0.77 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.76 0.51 0.00	33.81 0.92 0.00	37.07 1.39 0.00	31.72 1.39 0.00	28.40 1.58 0.00	29.69 1.88 -0.20	31.88 1.95 -0.37	33.99 2.25 -0.55	37.43 2.33 -0.83	40.19 2.33 -0.94	43.17 2.34 -1.12	48.51 2.61 -0.89	61.58 2.34 -0.66	68.58 2.05 -0.46	65.08 1.77 0.00	53.91 0.85 0.00	50.60 0.94 0.00	44.26 1.12 0.00	38.42 1.44 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.14 1.49 0.00	30.24 1.25 0.00	27.73 1.19 0.00	26.41 1.04 0.00	26.98 1.01 0.00	29.18 0.93 0.00	34.31 1.41 0.00	37.56 1.89 0.00	32.15 1.82 0.00	28.75 1.93 0.00	30.02 2.21 -0.20	32.21 2.28 -0.37	34.36 2.62 -0.55	37.84 2.74 -0.83	40.63 2.77 -0.94	43.65 2.82 -1.12	49.10 3.20 -0.89	62.34 3.10 -0.66	69.50 2.97 -0.46	65.96 2.66 0.00	54.60 1.54 0.00	51.35 1.69 0.00	44.86 1.73 0.00	38.94 1.96 0.00
PATROON___115KV_TB1 80586	31.56 -0.09 0.00	29.08 0.09 0.00	26.69 0.16 0.00	25.55 0.18 0.00	26.10 0.13 0.00	28.44 0.20 0.00	33.02 0.13 0.00	35.92 0.25 0.00	30.51 0.18 0.00	27.04 0.21 0.00	27.69 0.22 0.14	29.41 0.12 0.27	30.93 0.12 0.38	33.77 0.10 0.60	36.18 0.00 0.74	38.87 0.04 0.87	44.46 0.14 0.69	58.30 0.23 0.51	65.97 0.26 0.36	63.43 0.13 0.00	53.22 0.16 0.00	49.71 0.05 0.00	43.09 -0.04 0.00	36.98 0.00 0.00
PATTRSNVILLE___SOLAR 323815	32.28 0.63 0.00	29.57 0.58 0.00	27.09 0.56 0.00	25.88 0.51 0.00	26.51 0.55 0.00	28.87 0.62 0.00	33.62 0.72 0.00	36.32 0.64 0.00	30.63 0.30 0.00	26.93 0.11 0.00	27.42 -0.08 0.11	29.20 -0.15 0.21	30.74 -0.16 0.30	33.70 -0.10 0.46	36.16 -0.18 0.58	38.94 -0.08 0.68	44.70 0.23 0.54	59.00 0.82 0.40	67.11 1.32 0.28	64.82 1.52 0.00	54.44 1.38 0.00	50.90 1.24 0.00	44.13 0.99 0.00	37.80 0.81 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.63 0.98 0.00	29.66 0.67 0.00	27.12 0.58 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.70 0.45 0.00	32.63 -0.26 0.00	34.60 -1.07 0.00	30.17 -0.15 0.00	26.47 -0.35 0.00	27.72 0.11 0.00	30.06 0.50 0.00	31.60 0.41 0.00	35.19 0.93 0.00	38.03 1.11 0.00	40.70 0.99 0.00	45.69 0.68 0.00	58.23 -0.35 0.00	66.20 0.13 0.00	63.05 -0.25 0.00	53.80 0.74 0.00	50.46 0.79 0.00	44.21 1.08 0.00	37.65 0.67 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.57 0.92 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	33.98 1.09 0.00	37.17 1.50 0.00	31.63 1.30 0.00	28.11 1.29 0.00	29.28 1.49 -0.18	31.34 1.45 -0.34	33.45 1.78 -0.48	36.83 1.82 -0.75	39.59 1.81 -0.86	42.66 1.95 -1.01	48.11 2.30 -0.80	62.04 2.87 -0.59	69.45 2.97 -0.41	65.84 2.53 0.00	54.76 1.70 0.00	51.25 1.59 0.00	44.43 1.29 0.00	38.24 1.26 0.00
PEEKSKILL___ 23653	32.32 0.67 0.00	29.54 0.55 0.00	27.12 0.58 0.00	25.93 0.56 0.00	26.49 0.52 0.00	28.81 0.56 0.00	33.75 0.85 0.00	36.92 1.25 0.00	31.51 1.18 0.00	28.06 1.23 0.00	29.21 1.41 -0.19	31.36 1.45 -0.36	33.42 1.71 -0.51	36.81 1.75 -0.80	39.50 1.66 -0.92	42.48 1.71 -1.07	47.80 1.93 -0.85	61.43 2.23 -0.63	68.56 2.05 -0.44	65.07 1.77 0.00	54.07 1.01 0.00	50.65 0.99 0.00	43.95 0.82 0.00	37.94 0.96 0.00
PGE MADISON___WINDPWR 24146	35.00 3.35 0.00	31.95 2.96 0.00	29.14 2.60 0.00	27.88 2.51 0.00	28.72 2.75 0.00	31.33 3.08 0.00	36.48 3.59 0.00	39.45 3.78 0.00	33.15 2.82 0.00	28.73 1.90 0.00	29.52 1.88 -0.03	31.62 2.01 -0.06	33.24 1.97 -0.08	36.86 2.47 -0.12	39.65 2.73 0.00	42.92 3.21 0.00	48.79 3.78 0.00	65.14 6.56 0.00	74.53 8.46 0.00	71.79 8.49 0.00	60.06 7.00 0.00	56.11 6.45 0.00	48.48 5.35 0.00	41.12 4.14 0.00

PIERCEFIELD___HYD 23852	32.85 1.20 0.00	30.10 1.10 0.00	27.46 0.93 0.00	26.23 0.86 0.00	26.90 0.93 0.00	29.26 1.02 0.00	34.21 1.32 0.00	36.92 1.25 0.00	30.99 0.67 0.00	27.25 0.43 0.00	27.97 0.36 0.00	29.74 0.18 0.00	31.04 -0.16 0.00	33.89 -0.38 0.00	36.44 -0.48 0.00	39.23 -0.48 0.00	44.52 -0.50 0.00	59.16 0.59 0.00	66.79 0.73 0.00	64.51 1.20 0.00	54.07 1.01 0.00	50.60 0.94 0.00	44.26 1.12 0.00	38.09 1.11 0.00
PINELAWN_CC_1 323563	32.38 0.73 0.00	29.43 0.44 0.00	26.96 0.42 0.00	25.78 0.40 0.00	26.33 0.36 0.00	28.61 0.37 0.00	33.42 0.52 0.00	36.99 1.32 0.00	31.54 1.21 0.00	28.14 1.31 0.00	29.75 1.93 -0.20	32.06 2.13 -0.37	34.03 2.31 -0.53	37.74 2.64 -0.83	40.28 2.40 -0.96	42.77 1.94 -1.12	48.02 2.12 -0.89	61.58 2.35 -0.66	68.45 1.92 -0.46	64.44 1.14 0.00	53.43 0.37 0.00	49.90 0.25 0.01	43.56 0.43 0.01	38.87 1.89 0.00
PJM_GEN_HTP_PROXY 323702	32.57 0.92 0.00	29.78 0.78 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.04 0.79 0.00	34.07 1.18 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.46 1.64 0.00	29.66 1.85 -0.20	31.85 1.92 -0.37	33.98 2.25 -0.54	37.43 2.33 -0.83	40.17 2.29 -0.96	43.17 2.34 -1.12	48.51 2.61 -0.89	62.22 2.99 -0.66	69.30 2.77 -0.46	63.68 2.40 2.03	56.46 1.38 -2.03	51.15 1.49 0.00	44.39 1.25 0.00	38.35 1.37 0.00
PJM_GEN_KEystone 24065	32.00 0.35 0.00	29.23 0.23 0.00	26.80 0.27 0.00	25.60 0.23 0.00	26.20 0.23 0.00	28.42 0.17 0.00	32.96 0.07 0.00	35.60 -0.07 0.00	30.63 0.30 0.00	27.12 0.30 0.00	28.27 0.55 -0.10	30.43 0.68 -0.19	32.21 0.75 -0.27	35.62 0.93 -0.42	38.28 0.88 -0.47	41.05 0.79 -0.55	46.17 0.72 -0.44	59.20 0.29 -0.32	62.80 0.20 3.47	61.34 0.06 2.03	55.30 0.21 -2.03	49.86 0.20 0.00	43.48 0.34 0.00	37.24 0.26 0.00
PJM_GEN_NEPTUNE_PROXY 323594	32.16 0.50 0.00	29.25 0.26 0.00	26.80 0.27 0.00	25.63 0.25 0.00	26.17 0.21 0.00	28.47 0.22 0.00	33.25 0.36 0.00	36.74 1.07 0.00	31.32 1.00 0.00	27.97 1.15 0.00	29.53 1.71 -0.20	31.83 1.89 -0.37	33.78 2.06 -0.53	37.43 2.33 -0.83	39.95 2.07 -0.96	42.46 1.63 -1.12	47.97 2.07 -0.89	61.75 2.52 -0.66	68.71 2.18 -0.46	62.67 1.39 2.03	55.51 0.42 -2.03	49.95 0.30 0.01	43.26 0.13 0.01	38.42 1.44 0.00
PJM_GEN_VFT_PROXY 323633	32.41 0.76 0.00	29.60 0.61 0.00	27.17 0.64 0.00	25.98 0.61 0.00	26.54 0.57 0.00	28.87 0.62 0.00	33.91 1.02 0.00	37.21 1.53 0.00	31.78 1.46 0.00	28.38 1.56 0.00	29.61 1.79 -0.20	31.76 1.83 -0.37	33.89 2.15 -0.55	37.33 2.23 -0.83	40.06 2.18 -0.96	43.05 2.22 -1.12	48.33 2.43 -0.89	61.88 2.64 -0.66	68.90 2.37 -0.46	63.30 2.03 2.03	56.04 0.96 -2.03	50.85 1.19 0.00	44.21 1.08 0.00	38.17 1.18 0.00
PLATSBURG_115KV_PMLD1 355749	32.82 1.17 0.00	30.07 1.07 0.00	27.46 0.93 0.00	26.26 0.89 0.00	26.95 0.99 0.00	29.29 1.05 0.00	34.24 1.35 0.00	36.99 1.32 0.00	31.21 0.88 0.00	27.55 0.72 0.00	28.30 0.69 0.00	30.33 0.77 0.00	31.91 0.72 0.00	34.99 0.72 0.00	37.62 0.70 0.00	40.50 0.79 0.00	45.91 0.90 0.00	60.45 1.87 0.00	68.25 2.18 0.00	65.58 2.28 0.00	54.92 1.86 0.00	51.25 1.59 0.00	44.56 1.42 0.00	38.20 1.22 0.00
PLEASANTVLY___LBMP 24000	32.16 0.51 0.00	29.43 0.43 0.00	27.07 0.53 0.00	25.85 0.48 0.00	26.43 0.47 0.00	28.73 0.48 0.00	33.62 0.72 0.00	36.74 1.07 0.00	31.30 0.97 0.00	27.87 1.05 0.00	29.00 1.16 -0.23	31.17 1.18 -0.43	33.24 1.43 -0.61	36.66 1.44 -0.95	39.39 1.37 -1.10	42.38 1.39 -1.29	47.66 1.62 -1.02	61.15 1.82 -0.76	68.25 1.65 -0.53	64.70 1.39 0.00	53.86 0.80 0.00	50.46 0.79 0.00	43.78 0.65 0.00	37.76 0.78 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.41 0.76 0.00	29.63 0.64 0.00	27.22 0.69 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.90 0.65 0.00	33.88 0.99 0.00	37.07 1.39 0.00	31.60 1.27 0.00	28.16 1.34 0.00	29.37 1.55 -0.21	31.54 1.60 -0.39	33.61 1.87 -0.55	37.05 1.92 -0.86	39.80 1.88 -0.99	42.77 1.91 -1.16	48.14 2.21 -0.92	61.84 2.58 -0.68	68.99 2.44 -0.48	65.39 2.09 0.00	54.33 1.27 0.00	50.90 1.24 0.00	44.17 1.04 0.00	38.13 1.15 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.41 0.76 0.00	29.63 0.64 0.00	27.22 0.69 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.90 0.65 0.00	33.88 0.99 0.00	37.07 1.39 0.00	31.60 1.27 0.00	28.16 1.34 0.00	29.37 1.55 -0.21	31.54 1.60 -0.39	33.61 1.87 -0.55	37.05 1.92 -0.86	39.80 1.88 -0.99	42.77 1.91 -1.16	48.14 2.21 -0.92	61.84 2.58 -0.68	68.99 2.44 -0.48	65.39 2.09 0.00	54.33 1.27 0.00	50.90 1.24 0.00	44.17 1.04 0.00	38.13 1.15 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.35 0.70 0.00	29.60 0.61 0.00	27.20 0.66 0.00	26.01 0.63 0.00	26.56 0.60 0.00	28.90 0.65 0.00	33.81 0.92 0.00	36.89 1.21 0.00	31.42 1.09 0.00	27.95 1.13 0.00	28.83 1.21 0.00	30.77 1.21 0.00	32.69 1.50 0.00	35.78 1.51 0.00	38.40 1.48 0.00	41.25 1.55 0.00	46.86 1.85 0.00	60.86 2.28 0.00	68.38 2.31 0.00	65.27 1.96 0.00	54.39 1.33 0.00	50.90 1.24 0.00	44.13 0.99 0.00	37.98 1.00 0.00
POLETTI_____ 23519	32.51 0.85 0.00	29.72 0.72 0.00	27.28 0.74 0.00	26.08 0.71 0.00	26.64 0.68 0.00	28.94 0.71 0.02	33.99 1.12 0.02	37.26 1.61 0.02	31.83 1.52 0.02	28.41 1.61 0.02	29.62 1.82 -0.18	31.81 1.89 -0.36	33.94 2.21 -0.53	37.38 2.30 -0.82	40.12 2.25 -0.94	43.13 2.30 -1.12	48.47 2.57 -0.89	62.09 2.87 -0.64	69.15 2.64 -0.44	65.57 2.28 0.02	54.26 1.22 0.02	50.99 1.34 0.02	44.34 1.21 0.00	38.28 1.29 0.00
POMONA___ESR 323819	32.32 0.67 0.00	29.57 0.58 0.00	27.12 0.58 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.84 0.59 0.00	33.78 0.89 0.00	36.92 1.25 0.00	31.51 1.18 0.00	28.06 1.23 0.00	29.20 1.41 -0.18	31.33 1.45 -0.33	33.37 1.71 -0.47	36.75 1.75 -0.73	39.38 1.62 -0.84	42.31 1.63 -0.98	47.64 1.85 -0.78	61.26 2.11 -0.57	68.45 1.98 -0.40	64.95 1.64 0.00	54.02 0.96 0.00	50.60 0.94 0.00	43.91 0.78 0.00	37.87 0.89 0.00
PORT_JEFF_3 23555	32.19 0.54 0.00	29.25 0.26 0.00	26.80 0.27 0.00	25.63 0.25 0.00	26.17 0.21 0.00	28.45 0.20 0.00	33.15 0.26 0.00	36.78 1.11 0.00	31.36 1.03 0.00	28.00 1.18 0.00	29.66 1.85 -0.20	32.00 2.07 -0.37	33.91 2.18 -0.53	37.71 2.60 -0.83	40.28 2.40 -0.96	42.73 1.91 -1.12	48.51 2.61 -0.89	62.29 3.04 -0.67	69.30 2.77 -0.46	65.14 1.84 0.00	53.96 0.90 0.00	50.25 0.60 0.01	43.43 0.30 0.01	38.90 1.92 0.00
PORT_JEFF_4 23616	32.19 0.54 0.00	29.25 0.26 0.00	26.80 0.27 0.00	25.63 0.25 0.00	26.17 0.21 0.00	28.45 0.20 0.00	33.15 0.26 0.00	36.78 1.11 0.00	31.36 1.03 0.00	28.00 1.18 0.00	29.66 1.85 -0.20	32.00 2.07 -0.37	33.91 2.18 -0.53	37.71 2.60 -0.83	40.28 2.40 -0.96	42.73 1.91 -1.12	48.51 2.61 -0.89	62.29 3.04 -0.67	69.30 2.77 -0.46	65.14 1.84 0.00	53.96 0.90 0.00	50.25 0.60 0.01	43.43 0.30 0.01	38.90 1.92 0.00

PORT_JEFF_IC 23713	32.22 0.57 0.00	29.28 0.29 0.00	26.99 0.45 0.00	25.65 0.28 0.00	26.20 0.23 0.00	28.47 0.23 0.00	33.19 0.30 0.00	36.82 1.14 0.00	31.39 1.06 0.00	28.03 1.21 0.00	29.69 1.88 -0.20	32.03 2.10 -0.37	33.94 2.21 -0.53	37.77 2.67 -0.83	40.47 2.58 -0.96	42.93 2.10 -1.12	48.60 2.70 -0.89	62.30 3.05 -0.67	69.17 2.64 -0.46	65.01 1.71 0.00	54.23 1.17 0.00	50.35 0.70 0.01	43.56 0.43 0.01	39.02 2.03 0.00
PPL PILGRIM_ST_GT1 24216	32.44 0.79 0.00	29.52 0.52 0.00	27.01 0.48 0.00	25.85 0.48 0.00	26.38 0.41 0.00	28.70 0.45 0.00	33.48 0.59 0.00	37.10 1.43 0.00	31.60 1.27 0.00	28.19 1.37 0.00	29.86 2.04 -0.20	32.18 2.25 -0.37	34.13 2.40 -0.53	37.91 2.81 -0.83	40.46 2.58 -0.96	42.85 2.02 -1.12	48.56 2.66 -0.89	62.34 3.10 -0.66	69.37 2.84 -0.46	65.27 1.96 0.00	53.91 0.85 0.00	50.40 0.75 0.01	43.56 0.43 0.01	39.09 2.11 0.00
PPL PILGRIM_ST_GT2 24217	32.44 0.79 0.00	29.52 0.52 0.00	27.01 0.48 0.00	25.85 0.48 0.00	26.38 0.41 0.00	28.70 0.45 0.00	33.48 0.59 0.00	37.10 1.43 0.00	31.60 1.27 0.00	28.19 1.37 0.00	29.86 2.04 -0.20	32.18 2.25 -0.37	34.13 2.40 -0.53	37.91 2.81 -0.83	40.46 2.58 -0.96	42.85 2.02 -1.12	48.56 2.66 -0.89	62.34 3.10 -0.66	69.37 2.84 -0.46	65.27 1.96 0.00	53.91 0.85 0.00	50.40 0.75 0.01	43.56 0.43 0.01	39.09 2.11 0.00
PPL_SHRM_GT3 24213	31.68 0.03 0.00	28.79 -0.20 0.00	26.40 -0.13 0.00	25.25 -0.13 0.00	25.76 -0.21 0.00	27.99 -0.25 0.00	32.56 -0.33 0.00	36.28 0.61 0.00	30.87 0.55 0.00	27.57 0.75 0.00	29.25 1.43 -0.20	31.56 1.62 -0.37	33.41 1.68 -0.53	37.23 2.13 -0.83	39.80 1.92 -0.96	42.34 1.51 -1.12	48.11 2.21 -0.89	62.12 2.87 -0.67	69.17 2.65 -0.46	65.01 1.71 0.00	53.64 0.58 0.00	49.90 0.25 0.01	43.08 -0.04 0.01	38.57 1.59 0.00
PPL_SHRM_GT4 24214	31.68 0.03 0.00	28.79 -0.20 0.00	26.40 -0.13 0.00	25.25 -0.13 0.00	25.76 -0.21 0.00	27.99 -0.25 0.00	32.56 -0.33 0.00	36.28 0.61 0.00	30.87 0.55 0.00	27.57 0.75 0.00	29.25 1.43 -0.20	31.56 1.62 -0.37	33.41 1.68 -0.53	37.23 2.13 -0.83	39.80 1.92 -0.96	42.34 1.51 -1.12	48.11 2.21 -0.89	62.12 2.87 -0.67	69.17 2.65 -0.46	65.01 1.71 0.00	53.64 0.58 0.00	49.90 0.25 0.01	43.08 -0.04 0.01	38.57 1.59 0.00
PROJECT___ORANGE 1 24174	31.40 -0.25 0.00	28.70 -0.29 0.00	26.24 -0.29 0.00	25.09 -0.28 0.00	25.68 -0.29 0.00	27.94 -0.31 0.00	32.46 -0.43 0.00	35.17 -0.50 0.00	30.02 -0.30 0.00	26.47 -0.35 0.00	27.31 -0.30 0.00	29.29 -0.27 0.00	30.88 -0.31 0.00	34.06 -0.21 0.00	36.74 -0.18 0.00	39.39 -0.32 0.00	44.70 -0.32 0.00	58.05 -0.53 0.00	65.60 -0.46 0.00	62.86 -0.44 0.00	52.69 -0.37 0.00	49.36 -0.30 0.00	42.88 -0.26 0.00	36.65 -0.33 0.00
PROJECT___ORANGE 2 24166	31.40 -0.25 0.00	28.70 -0.29 0.00	26.24 -0.29 0.00	25.09 -0.28 0.00	25.68 -0.29 0.00	27.94 -0.31 0.00	32.46 -0.43 0.00	35.17 -0.50 0.00	30.02 -0.30 0.00	26.47 -0.35 0.00	27.31 -0.30 0.00	29.29 -0.27 0.00	30.88 -0.31 0.00	34.06 -0.21 0.00	36.74 -0.18 0.00	39.39 -0.32 0.00	44.70 -0.32 0.00	58.05 -0.53 0.00	65.60 -0.46 0.00	62.86 -0.44 0.00	52.69 -0.37 0.00	49.36 -0.30 0.00	42.88 -0.26 0.00	36.65 -0.33 0.00
PUCKETT___SOLAR 323809	32.51 0.85 0.00	29.72 0.73 0.00	27.20 0.66 0.00	25.98 0.61 0.00	26.64 0.67 0.00	28.95 0.71 0.00	33.65 0.76 0.00	36.32 0.64 0.00	30.90 0.57 0.00	27.09 0.27 0.00	27.92 0.30 0.00	29.91 0.36 0.00	31.53 0.34 0.00	34.81 0.55 0.00	37.48 0.55 0.00	40.30 0.60 0.00	45.78 0.76 0.00	59.81 1.23 0.00	67.91 1.85 0.00	65.33 2.03 0.00	54.81 1.75 0.00	51.25 1.59 0.00	44.51 1.38 0.00	37.94 0.96 0.00
PYRITES___HYD 24023	33.30 1.65 0.00	30.47 1.48 0.00	27.81 1.27 0.00	26.56 1.19 0.00	27.29 1.32 0.00	29.69 1.44 0.00	34.70 1.81 0.00	37.35 1.68 0.00	31.21 0.88 0.00	27.41 0.59 0.00	28.08 0.47 0.00	29.91 0.35 0.00	31.25 0.06 0.00	34.20 -0.07 0.00	36.77 -0.15 0.00	39.62 -0.08 0.00	44.97 -0.05 0.00	59.87 1.29 0.00	67.92 1.85 0.00	65.84 2.53 0.00	55.18 2.12 0.00	51.60 1.94 0.00	45.03 1.90 0.00	38.68 1.70 0.00
QUAKERRD_115KV_BK1 80622	31.56 -0.09 0.00	28.76 -0.23 0.00	26.24 -0.29 0.00	25.09 -0.28 0.00	25.66 -0.31 0.00	27.82 -0.42 0.00	32.07 -0.82 0.00	34.50 -1.18 0.00	29.69 -0.64 0.00	26.10 -0.72 0.00	27.09 -0.52 0.00	29.23 -0.33 0.00	30.72 -0.47 0.00	33.99 -0.27 0.00	36.77 -0.15 0.00	39.39 -0.32 0.00	44.52 -0.50 0.00	57.58 -1.00 0.00	65.27 -0.79 0.00	62.42 -0.89 0.00	52.69 -0.37 0.00	49.41 -0.25 0.00	43.09 -0.04 0.00	36.54 -0.44 0.00
QUENSBRY_115KV_TB8 356137	32.57 0.92 0.00	29.81 0.81 0.00	27.28 0.74 0.00	26.06 0.69 0.00	26.72 0.75 0.00	29.15 0.90 0.00	33.98 1.09 0.00	36.71 1.03 0.00	31.02 0.70 0.00	27.22 0.40 0.15	27.52 0.06 0.28	29.28 0.00 0.00	30.66 -0.12 0.40	33.71 0.07 0.63	36.00 -0.15 0.78	38.71 -0.08 0.91	44.69 0.41 0.72	59.33 1.29 0.53	68.14 2.44 0.37	65.77 2.47 0.00	55.50 2.44 0.00	51.55 1.89 0.00	44.69 1.55 0.00	38.17 1.18 0.00
RAMAPO___LBMP 323565	32.19 0.54 0.00	29.43 0.43 0.00	27.04 0.50 0.00	25.83 0.46 0.00	26.41 0.44 0.00	28.73 0.48 0.00	33.65 0.76 0.00	36.78 1.11 0.00	31.36 1.03 0.00	27.92 1.10 -0.17	29.05 1.27 -0.32	31.18 1.30 -0.45	33.21 1.56 -0.45	36.55 1.58 -0.71	39.17 1.44 -0.81	42.08 1.43 -0.95	47.38 1.62 -0.75	60.95 1.82 -0.55	68.11 1.65 -0.39	64.63 1.33 0.00	53.80 0.74 0.00	50.41 0.74 0.00	43.74 0.60 0.00	37.72 0.74 0.00
RANKINE____ 23646	32.92 1.27 0.00	29.92 0.93 0.00	27.36 0.82 0.00	26.16 0.79 0.00	26.75 0.78 0.00	28.92 0.68 0.00	32.83 -0.07 0.00	34.82 -0.86 0.00	30.39 0.06 0.00	26.63 -0.19 0.00	27.89 0.28 0.00	30.24 0.68 0.00	31.75 0.56 0.00	35.33 1.06 0.00	38.21 1.29 0.00	40.89 1.19 0.00	45.87 0.86 0.00	58.46 -0.12 0.00	66.40 0.33 0.00	63.30 0.00 0.00	54.07 1.01 0.00	50.80 1.14 0.00	44.60 1.47 0.00	37.91 0.92 0.00
RAVENSWOOD_GT2_1 24244	32.57 0.92 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	34.04 1.15 0.00	37.32 1.64 0.00	31.87 1.55 0.00	28.46 1.64 -0.20	29.66 1.85 -0.37	31.85 1.92 -0.55	33.99 2.25 -0.83	37.43 2.33 -0.96	40.17 2.29 -1.12	43.17 2.34 -0.89	48.51 2.61 -0.66	62.17 2.93 -0.46	69.24 2.71 -0.46	65.65 2.34 0.00	54.39 1.33 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
RAVENSWOOD_GT2_2 24245	32.57 0.92 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	34.04 1.15 0.00	37.32 1.64 0.00	31.87 1.55 0.00	28.46 1.64 -0.20	29.66 1.85 -0.37	31.85 1.92 -0.55	33.99 2.25 -0.83	37.43 2.33 -0.96	40.17 2.29 -1.12	43.17 2.34 -0.89	48.51 2.61 -0.66	62.17 2.93 -0.46	69.24 2.71 -0.46	65.65 2.34 0.00	54.39 1.33 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00

RAVENSWOOD_GT2_3 24246	32.60 0.95 0.00	29.78 0.78 0.00	27.36 0.82 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	34.08 1.18 0.00	37.32 1.64 0.00	31.87 1.55 0.00	28.46 1.64 0.00	29.66 1.85 -0.20	31.88 1.95 -0.37	33.99 2.25 -0.55	37.43 2.33 -0.83	40.21 2.33 -0.96	43.17 2.34 -1.12	48.56 2.66 -0.89	62.22 2.99 -0.66	69.30 2.77 -0.46	65.71 2.41 0.00	54.44 1.38 0.00	51.10 1.44 0.00	44.43 1.29 0.00	38.35 1.37 0.00
RAVENSWOOD_GT2_4 24247	32.60 0.95 0.00	29.78 0.78 0.00	27.36 0.82 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	34.08 1.18 0.00	37.32 1.64 0.00	31.87 1.55 0.00	28.46 1.64 0.00	29.66 1.85 -0.20	31.88 1.95 -0.37	33.99 2.25 -0.55	37.43 2.33 -0.83	40.21 2.33 -0.96	43.17 2.34 -1.12	48.56 2.66 -0.89	62.22 2.99 -0.66	69.30 2.77 -0.46	65.71 2.41 0.00	54.44 1.38 0.00	51.10 1.44 0.00	44.43 1.29 0.00	38.35 1.37 0.00
RAVENSWOOD_GT3_1 24248	32.57 0.92 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	34.08 1.18 0.00	37.32 1.64 0.00	31.87 1.55 0.00	28.46 1.64 0.00	29.66 1.85 -0.20	31.85 1.92 -0.37	33.99 2.25 -0.55	37.43 2.33 -0.83	40.17 2.29 -0.96	43.17 2.34 -1.12	48.51 2.61 -0.89	62.17 2.93 -0.66	69.30 2.77 -0.46	65.65 2.34 0.00	54.39 1.33 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
RAVENSWOOD_GT3_2 24249	32.57 0.92 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	34.08 1.18 0.00	37.32 1.64 0.00	31.87 1.55 0.00	28.46 1.64 0.00	29.66 1.85 -0.20	31.85 1.92 -0.37	33.99 2.25 -0.55	37.43 2.33 -0.83	40.17 2.29 -0.96	43.17 2.34 -1.12	48.51 2.61 -0.89	62.17 2.93 -0.66	69.30 2.77 -0.46	65.65 2.34 0.00	54.39 1.33 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
RAVENSWOOD_GT3_3 24250	32.60 0.95 0.00	29.81 0.81 0.00	27.36 0.82 0.00	26.13 0.76 0.00	26.72 0.75 0.00	29.04 0.79 0.00	34.11 1.22 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.48 1.66 0.00	29.69 1.88 -0.20	31.91 1.98 -0.37	34.02 2.28 -0.55	37.47 2.36 -0.83	40.24 2.36 -0.96	43.25 2.42 -1.12	48.60 2.70 -0.89	62.28 3.05 -0.66	69.37 2.84 -0.46	65.77 2.47 0.00	54.49 1.43 0.00	51.15 1.49 0.00	44.47 1.34 0.00	38.39 1.41 0.00
RAVENSWOOD_GT3_4 24251	32.60 0.95 0.00	29.81 0.81 0.00	27.36 0.82 0.00	26.13 0.76 0.00	26.72 0.75 0.00	29.04 0.79 0.00	34.11 1.22 0.00	37.35 1.68 0.00	31.90 1.58 0.00	28.48 1.66 0.00	29.69 1.88 -0.20	31.91 1.98 -0.37	34.02 2.28 -0.55	37.47 2.36 -0.83	40.24 2.36 -0.96	43.25 2.42 -1.12	48.60 2.70 -0.89	62.28 3.05 -0.66	69.37 2.84 -0.46	65.77 2.47 0.00	54.49 1.43 0.00	51.15 1.49 0.00	44.47 1.34 0.00	38.39 1.41 0.00
RAVENSWOOD_GT_1 23729	32.66 1.01 0.00	29.84 0.84 0.00	27.38 0.85 0.00	26.11 0.74 0.00	26.67 0.70 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.54 1.72 0.00	29.80 1.99 -0.20	32.03 2.10 -0.37	34.14 2.40 -0.55	37.60 2.50 -0.83	40.39 2.51 -0.96	43.37 2.54 -1.12	48.65 2.75 -0.89	61.87 2.64 -0.66	68.91 2.38 -0.46	65.33 2.03 0.00	54.12 1.06 0.00	50.80 1.14 0.00	44.34 1.21 0.00	38.46 1.48 0.00
RAVENSWOOD_GT_10 24258	32.57 0.92 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	34.08 1.18 0.00	37.32 1.64 0.00	31.87 1.55 0.00	28.46 1.64 0.00	29.66 1.85 -0.20	31.85 1.92 -0.37	33.99 2.25 -0.55	37.43 2.33 -0.83	40.17 2.29 -0.96	43.17 2.34 -1.12	48.51 2.61 -0.89	62.17 2.93 -0.66	69.30 2.77 -0.46	65.71 2.41 0.00	54.39 1.33 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
RAVENSWOOD_GT_11 24259	32.57 0.92 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	34.08 1.18 0.00	37.32 1.64 0.00	31.87 1.55 0.00	28.46 1.64 0.00	29.66 1.85 -0.20	31.85 1.92 -0.37	33.99 2.25 -0.55	37.43 2.33 -0.83	40.17 2.29 -0.96	43.17 2.34 -1.12	48.51 2.61 -0.89	62.17 2.93 -0.66	69.30 2.77 -0.46	65.71 2.41 0.00	54.39 1.33 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
RAVENSWOOD_GT_4 24252	32.57 0.92 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	34.08 1.18 0.00	37.32 1.64 0.00	31.87 1.55 0.00	28.46 1.64 0.00	29.66 1.85 -0.20	31.85 1.92 -0.37	33.99 2.25 -0.55	37.43 2.33 -0.83	40.17 2.29 -0.96	43.17 2.34 -1.12	48.51 2.61 -0.89	62.17 2.93 -0.66	69.30 2.77 -0.46	65.65 2.34 0.00	54.39 1.33 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
RAVENSWOOD_GT_5 24254	32.57 0.92 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	34.08 1.18 0.00	37.32 1.64 0.00	31.87 1.55 0.00	28.46 1.64 0.00	29.66 1.85 -0.20	31.85 1.92 -0.37	33.99 2.25 -0.55	37.43 2.33 -0.83	40.17 2.29 -0.96	43.17 2.34 -1.12	48.51 2.61 -0.89	62.17 2.93 -0.66	69.30 2.77 -0.46	65.65 2.34 0.00	54.39 1.33 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
RAVENSWOOD_GT_6 24253	32.57 0.92 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	34.08 1.18 0.00	37.32 1.64 0.00	31.87 1.55 0.00	28.46 1.64 0.00	29.66 1.85 -0.20	31.85 1.92 -0.37	33.99 2.25 -0.55	37.43 2.33 -0.83	40.17 2.29 -0.96	43.17 2.34 -1.12	48.51 2.61 -0.89	62.17 2.93 -0.66	69.30 2.77 -0.46	65.65 2.34 0.00	54.39 1.33 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
RAVENSWOOD_GT_7 24255	32.57 0.92 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	34.08 1.18 0.00	37.32 1.64 0.00	31.87 1.55 0.00	28.46 1.64 0.00	29.66 1.85 -0.20	31.85 1.92 -0.37	33.99 2.25 -0.55	37.43 2.33 -0.83	40.17 2.29 -0.96	43.17 2.34 -1.12	48.51 2.61 -0.89	62.17 2.93 -0.66	69.30 2.77 -0.46	65.65 2.34 0.00	54.39 1.33 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.57 0.92 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	34.08 1.18 0.00	37.32 1.64 0.00	31.87 1.55 0.00	28.46 1.64 0.00	29.66 1.85 -0.20	31.85 1.92 -0.37	33.99 2.25 -0.55	37.43 2.33 -0.83	40.17 2.29 -0.96	43.17 2.34 -1.12	48.51 2.61 -0.89	62.17 2.93 -0.66	69.30 2.77 -0.46	65.71 2.41 0.00	54.39 1.33 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
RAVENSWOOD_GT_9 24257	32.57 0.92 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	34.08 1.18 0.00	37.32 1.64 0.00	31.87 1.55 0.00	28.46 1.64 0.00	29.66 1.85 -0.20	31.85 1.92 -0.37	33.99 2.25 -0.55	37.43 2.33 -0.83	40.17 2.29 -0.96	43.17 2.34 -1.12	48.51 2.61 -0.89	62.17 2.93 -0.66	69.30 2.77 -0.46	65.71 2.41 0.00	54.39 1.33 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00

RAVENSWOOD___1 23533	32.66 1.01 0.00	29.84 0.84 0.00	27.36 0.82 0.00	26.11 0.74 0.00	26.67 0.70 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.54 1.72 0.00	29.80 1.99 -0.20	32.03 2.10 -0.37	34.14 2.40 -0.55	37.60 2.50 -0.83	40.40 2.51 -0.97	43.37 2.54 -1.12	48.65 2.75 -0.89	61.88 2.64 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.11 1.06 0.01	50.80 1.14 0.01	44.34 1.21 0.00	38.42 1.44 0.00
RAVENSWOOD___2 23534	32.66 1.01 0.00	29.84 0.84 0.00	27.36 0.82 0.00	26.11 0.74 0.00	26.67 0.70 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.54 1.72 0.00	29.80 1.99 -0.20	32.03 2.10 -0.37	34.14 2.40 -0.55	37.60 2.50 -0.83	40.40 2.51 -0.97	43.37 2.54 -1.12	48.65 2.75 -0.89	61.88 2.64 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.11 1.06 0.01	50.80 1.14 0.01	44.34 1.21 0.00	38.42 1.44 0.00
RAVENSWOOD___3 23535	32.57 0.92 0.00	29.78 0.78 0.00	27.30 0.77 0.00	26.11 0.74 0.00	26.67 0.70 0.00	29.01 0.76 0.00	34.04 1.15 0.00	37.32 1.64 0.00	31.87 1.55 0.00	28.46 1.64 0.00	29.66 1.85 -0.20	31.85 1.92 -0.37	33.99 2.25 -0.55	37.43 2.33 -0.83	40.17 2.29 -0.96	43.17 2.34 -1.12	48.51 2.61 -0.89	62.16 2.93 -0.66	69.30 2.77 -0.46	65.65 2.34 0.00	54.39 1.33 0.00	51.10 1.44 0.00	44.39 1.25 0.00	38.35 1.37 0.00
RAVENSWOOD___4 23820	32.66 1.01 0.00	29.84 0.84 0.00	27.36 0.82 0.00	26.11 0.74 0.00	26.67 0.70 0.00	28.90 0.65 0.00	33.98 1.08 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.54 1.72 0.00	29.80 1.99 -0.20	32.03 2.10 -0.37	34.14 2.40 -0.55	37.60 2.50 -0.83	40.40 2.51 -0.97	43.37 2.54 -1.12	48.65 2.75 -0.89	61.88 2.64 -0.66	68.89 2.37 -0.45	65.32 2.03 0.01	54.11 1.06 0.01	50.80 1.14 0.01	44.34 1.21 0.00	38.42 1.44 0.00
RCPL_TRUST___DRP 24196	32.63 0.98 0.00	29.81 0.81 0.00	27.38 0.85 0.00	26.16 0.79 0.00	26.72 0.75 0.00	29.07 0.82 0.00	34.14 1.25 0.00	37.39 1.71 0.00	31.93 1.61 0.00	28.51 1.69 0.00	29.72 1.91 -0.20	31.91 1.98 -0.37	34.04 2.31 -0.54	37.50 2.40 -0.83	40.24 2.36 -0.96	43.25 2.42 -1.12	48.65 2.75 -0.89	62.34 3.10 -0.66	69.43 2.91 -0.46	65.84 2.53 0.00	54.55 1.49 0.00	51.20 1.54 0.00	44.47 1.34 0.00	38.42 1.44 0.00
RED___ROCHESTER 323720	32.73 1.08 0.00	29.80 0.81 0.00	27.22 0.69 0.00	25.96 0.58 0.00	26.56 0.60 0.00	28.78 0.54 0.00	33.09 0.20 0.00	35.50 -0.18 0.00	30.63 0.30 0.00	26.90 0.08 0.00	27.97 0.36 0.00	30.24 0.68 0.00	31.75 0.56 0.00	35.19 0.93 0.00	38.10 1.18 0.00	40.78 1.07 0.00	46.05 1.04 0.00	59.51 0.93 0.00	67.52 1.45 0.00	64.57 1.27 0.00	54.54 1.48 0.00	51.20 1.54 0.00	44.69 1.55 0.00	37.83 0.85 0.00
REGAN___SOLAR 323812	33.08 1.43 0.00	30.24 1.25 0.00	27.70 1.17 0.00	26.44 1.07 0.00	27.14 1.17 0.00	29.60 1.36 0.00	34.50 1.61 0.00	36.89 1.21 0.00	30.66 0.33 0.00	26.58 -0.24 0.00	26.88 -0.63 0.10	28.51 -0.86 0.19	29.89 -1.03 0.27	32.96 -0.89 0.42	35.54 -0.85 0.53	38.45 -0.64 0.62	44.47 -0.04 0.49	59.56 1.35 0.36	68.72 2.90 0.26	66.78 3.48 0.00	56.30 3.24 0.00	52.44 2.78 0.00	45.46 2.33 0.00	38.79 1.81 0.00
RENSSELAER___COGEN 23796	31.40 -0.25 0.00	28.94 -0.06 0.00	26.56 0.03 0.00	25.42 0.05 0.00	25.97 0.00 0.00	28.27 0.03 0.00	32.86 -0.03 0.00	35.78 0.11 0.00	30.39 0.06 0.00	26.93 0.11 0.00	27.58 0.11 0.14	29.30 0.00 0.26	30.85 0.03 0.37	33.65 -0.03 0.58	36.09 -0.11 0.72	38.74 -0.12 0.85	44.25 -0.09 0.67	58.02 -0.06 0.50	65.52 -0.20 0.35	62.99 -0.31 0.00	52.85 -0.21 0.00	49.41 -0.25 0.00	42.79 -0.35 0.00	36.76 -0.22 0.00
REPUBLIC_115KV_BARTNBK 55605	33.87 2.22 0.00	30.91 1.91 0.00	28.31 1.78 0.00	27.00 1.62 0.00	27.76 1.79 0.00	30.34 2.09 0.00	35.33 2.43 0.00	37.92 2.25 0.00	31.90 1.58 0.00	27.87 1.05 0.00	28.15 0.69 0.15	29.95 0.68 0.29	31.22 0.44 0.41	34.52 0.89 0.64	36.84 0.70 0.79	39.65 0.87 0.92	45.94 1.67 0.73	61.61 3.57 0.54	71.04 5.35 0.38	68.81 5.51 0.00	58.37 5.31 0.00	53.98 4.32 0.00	46.80 3.67 0.00	39.79 2.81 0.00
REVERE_CPPR_DRP 24186	32.76 1.11 0.00	29.95 0.96 0.00	27.36 0.82 0.00	26.16 0.79 0.00	26.82 0.86 0.00	29.21 0.96 0.00	34.01 1.12 0.00	36.82 1.14 0.00	31.14 0.82 0.00	27.30 0.48 0.00	28.05 0.44 0.00	30.03 0.47 0.00	31.60 0.41 0.00	34.82 0.55 0.00	37.59 0.66 0.00	40.50 0.79 0.00	46.00 0.99 0.00	60.63 2.05 0.00	68.84 2.77 0.00	66.22 2.91 0.00	55.45 2.39 0.00	51.75 2.09 0.00	44.77 1.64 0.00	38.20 1.22 0.00
REYNLDPA_13_KV_LD 356490	32.41 0.76 0.00	29.69 0.69 0.00	27.12 0.58 0.00	25.91 0.53 0.00	26.59 0.62 0.00	28.90 0.65 0.00	33.78 0.89 0.00	36.53 0.85 0.00	30.78 0.46 0.00	27.20 0.38 0.00	27.95 0.33 0.00	29.94 0.38 0.00	31.47 0.28 0.00	34.51 0.24 0.00	37.11 0.19 0.00	39.94 0.24 0.00	45.28 0.27 0.00	59.57 0.99 0.00	67.19 1.12 0.00	64.50 1.20 0.00	54.07 1.01 0.00	50.50 0.84 0.00	44.00 0.86 0.00	37.80 0.81 0.00
REYNOLDS_115KV_TB3 80639	31.68 0.03 0.00	29.17 0.17 0.00	26.77 0.24 0.00	25.63 0.25 0.00	26.17 0.21 0.00	28.50 0.25 0.00	33.12 0.23 0.00	36.07 0.39 0.00	30.63 0.30 0.00	27.17 0.35 0.00	27.75 0.30 0.17	29.45 0.21 0.31	31.02 0.28 0.45	33.78 0.21 0.70	36.21 0.15 0.86	38.85 0.16 1.01	44.48 0.27 0.80	58.34 0.35 0.59	65.98 0.33 0.41	63.49 0.19 0.00	53.27 0.21 0.00	49.81 0.15 0.00	43.13 0.00 0.00	37.06 0.07 0.00
RIVERBAY____ 323610	33.14 1.49 0.00	30.24 1.25 0.00	27.73 1.19 0.00	26.41 1.04 0.00	26.98 1.01 0.00	29.18 0.93 0.00	34.31 1.41 0.00	37.56 1.89 0.00	32.15 1.82 0.00	28.75 1.93 0.00	30.02 2.21 -0.20	32.21 2.28 -0.37	34.36 2.62 -0.55	37.84 2.74 -0.83	40.63 2.77 -0.94	43.65 2.82 -1.12	49.10 3.20 -0.89	62.34 3.10 -0.66	69.50 2.97 -0.46	65.96 2.66 0.00	54.60 1.54 0.00	51.35 1.69 0.00	44.86 1.73 0.00	38.94 1.96 0.00
RIVERSDE_115KV_TB3 55908	31.56 -0.09 0.00	29.08 0.09 0.00	26.69 0.16 0.00	25.55 0.18 0.00	26.10 0.13 0.00	28.42 0.17 0.00	33.02 0.13 0.00	35.96 0.29 0.00	30.54 0.21 0.00	27.06 0.24 0.00	27.68 0.22 0.16	29.39 0.12 0.29	30.93 0.16 0.41	33.73 0.10 0.64	36.16 0.04 0.80	38.81 0.04 0.93	44.41 0.14 0.74	58.21 0.18 0.55	65.82 0.13 0.38	63.37 0.06 0.00	53.11 0.05 0.00	49.66 0.00 0.00	43.01 -0.13 0.00	36.95 -0.04 0.00
ROARING___BROOK_WT_PWR 323790	31.68 0.03 0.00	29.05 0.06 0.00	26.59 0.05 0.00	25.42 0.05 0.00	26.04 0.08 0.00	28.33 0.08 0.00	32.99 0.10 0.00	35.78 0.11 0.00	30.36 0.03 0.00	26.82 0.00 0.00	27.61 0.00 0.00	29.56 0.00 0.00	31.16 -0.03 0.00	34.20 -0.07 0.00	36.85 -0.07 0.00	39.62 -0.08 0.00	44.92 -0.09 0.00	58.64 0.06 0.00	66.07 0.00 0.00	63.37 0.06 0.00	53.06 0.00 0.00	49.66 0.00 0.00	43.13 0.00 0.00	37.02 0.04 0.00

ROCHESRG_115KV_T4 355643	32.38 0.73 0.00	29.49 0.49 0.00	26.91 0.37 0.00	25.73 0.36 0.00	26.30 0.34 0.00	28.50 0.25 0.00	32.76 -0.13 0.00	35.14 -0.54 0.00	30.33 0.00 0.00	26.63 -0.19 0.00	27.70 0.08 0.00	29.91 0.35 0.00	31.41 0.22 0.00	34.82 0.55 0.00	37.66 0.74 0.00	40.22 0.52 0.00	45.37 0.36 0.00	58.52 -0.06 0.00	66.33 0.26 0.00	63.49 0.19 0.00	53.70 0.64 0.00	50.41 0.74 0.00	44.04 0.91 0.00	37.32 0.33 0.00
ROCHESTER_9_IC 23652	32.54 0.89 0.00	29.63 0.64 0.00	27.04 0.50 0.00	25.83 0.46 0.00	26.41 0.44 0.00	28.64 0.40 0.00	32.89 0.00 0.00	35.28 -0.39 0.00	30.48 0.15 0.00	26.77 -0.05 0.00	27.83 0.22 0.00	30.06 0.50 0.00	31.57 0.37 0.00	34.99 0.72 0.00	37.88 0.96 0.00	40.50 0.79 0.00	45.73 0.72 0.00	59.05 0.47 0.00	66.93 0.86 0.00	64.00 0.70 0.00	54.12 1.06 0.00	50.80 1.14 0.00	44.34 1.21 0.00	37.57 0.59 0.00
ROCKVIEW_13_KV_LD 356306	32.57 0.92 0.00	29.75 0.75 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.69 0.73 0.00	29.01 0.76 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.78 1.46 0.00	28.32 1.50 0.00	29.53 1.71 -0.20	31.73 1.80 -0.37	33.81 2.09 -0.53	37.26 2.16 -0.83	40.02 2.14 -0.96	43.01 2.18 -1.12	48.42 2.52 -0.89	62.17 2.93 -0.66	69.37 2.84 -0.46	65.77 2.47 0.00	54.55 1.49 0.00	51.15 1.49 0.00	44.39 1.25 0.00	38.31 1.33 0.00
ROME____115KV_TB2 80656	32.76 1.11 0.00	29.95 0.96 0.00	27.36 0.82 0.00	26.16 0.79 0.00	26.82 0.86 0.00	29.21 0.96 0.00	34.01 1.12 0.00	36.82 1.14 0.00	31.14 0.82 0.00	27.30 0.48 0.00	28.05 0.44 0.00	30.03 0.47 0.00	31.60 0.41 0.00	34.82 0.55 0.00	37.59 0.66 0.00	40.50 0.79 0.00	46.00 0.99 0.00	60.63 2.05 0.00	68.84 2.77 0.00	66.22 2.91 0.00	55.45 2.39 0.00	51.75 2.09 0.00	44.77 1.64 0.00	38.20 1.22 0.00
ROSETON___1 23587	32.00 0.35 0.00	29.31 0.32 0.00	26.88 0.34 0.00	25.70 0.33 0.00	26.28 0.31 0.00	28.61 0.37 0.00	33.42 0.52 0.00	36.46 0.78 0.00	31.08 0.76 0.00	27.63 0.80 0.00	28.65 0.91 -0.13	30.72 0.92 -0.24	32.66 1.12 -0.34	35.93 1.13 -0.54	38.52 1.00 -0.60	41.40 0.99 -0.70	46.74 1.17 -0.56	60.28 1.29 -0.41	67.55 1.19 -0.29	64.31 1.01 0.00	53.59 0.53 0.00	50.21 0.55 0.00	43.52 0.39 0.00	37.50 0.52 0.00
ROSETON___2 23588	32.00 0.35 0.00	29.31 0.32 0.00	26.88 0.34 0.00	25.70 0.33 0.00	26.28 0.31 0.00	28.61 0.37 0.00	33.42 0.52 0.00	36.46 0.78 0.00	31.08 0.76 0.00	27.63 0.80 -0.13	28.65 0.91 -0.24	30.72 0.92 -0.34	32.66 1.12 -0.54	35.93 1.13 -0.60	38.52 1.00 -0.70	41.40 0.99 -0.56	46.74 1.17 -0.41	60.28 1.29 -0.29	67.55 1.19 0.00	64.31 1.01 0.00	53.59 0.53 0.00	50.21 0.55 0.00	43.52 0.39 0.00	37.50 0.52 0.00
ROTTTRDAM_115KV_TB3 80664	32.06 0.41 0.00	29.37 0.38 0.00	26.93 0.40 0.00	25.73 0.36 0.00	26.33 0.36 0.00	28.67 0.42 0.00	33.39 0.49 0.00	36.21 0.54 0.00	30.72 0.39 0.00	27.14 0.32 0.12	27.75 0.25 0.22	29.58 0.24 0.31	31.13 0.25 0.31	34.10 0.31 0.48	36.54 0.22 0.60	39.28 0.28 0.70	44.95 0.50 0.56	58.93 0.76 0.41	66.77 0.99 0.29	64.25 0.95 0.00	53.96 0.90 0.00	50.41 0.74 0.00	43.74 0.60 0.00	37.50 0.52 0.00
RUSSELL___1 23602	32.73 1.08 0.00	29.78 0.78 0.00	27.17 0.64 0.00	25.96 0.58 0.00	26.54 0.57 0.00	28.78 0.54 0.00	33.06 0.16 0.00	35.50 -0.18 0.00	30.63 0.30 0.00	26.90 0.08 0.00	27.97 0.36 0.00	30.24 0.68 0.00	31.75 0.56 0.00	35.19 0.93 0.00	38.10 1.18 0.00	40.78 1.07 0.00	46.05 1.04 0.00	59.52 0.94 0.00	67.52 1.45 0.00	64.51 1.20 0.00	54.55 1.49 0.00	51.20 1.54 0.00	44.64 1.51 0.00	37.80 0.81 0.00
RUSSELL___2 23532	32.73 1.08 0.00	29.78 0.78 0.00	27.17 0.64 0.00	25.96 0.58 0.00	26.54 0.57 0.00	28.78 0.54 0.00	33.06 0.16 0.00	35.50 -0.18 0.00	30.63 0.30 0.00	26.90 0.08 0.00	27.97 0.36 0.00	30.24 0.68 0.00	31.75 0.56 0.00	35.19 0.93 0.00	38.10 1.18 0.00	40.78 1.07 0.00	46.05 1.04 0.00	59.52 0.94 0.00	67.52 1.45 0.00	64.51 1.20 0.00	54.55 1.49 0.00	51.20 1.54 0.00	44.64 1.51 0.00	37.80 0.81 0.00
RUSSELL___3 23549	32.73 1.08 0.00	29.78 0.78 0.00	27.17 0.64 0.00	25.96 0.58 0.00	26.54 0.57 0.00	28.78 0.54 0.00	33.06 0.16 0.00	35.50 -0.18 0.00	30.63 0.30 0.00	26.90 0.08 0.00	27.97 0.36 0.00	30.24 0.68 0.00	31.75 0.56 0.00	35.19 0.93 0.00	38.10 1.18 0.00	40.78 1.07 0.00	46.05 1.04 0.00	59.52 0.94 0.00	67.52 1.45 0.00	64.51 1.20 0.00	54.55 1.49 0.00	51.20 1.54 0.00	44.64 1.51 0.00	37.80 0.81 0.00
RUSSELL___4 23556	32.73 1.08 0.00	29.78 0.78 0.00	27.17 0.64 0.00	25.96 0.58 0.00	26.54 0.57 0.00	28.78 0.54 0.00	33.06 0.16 0.00	35.50 -0.18 0.00	30.63 0.30 0.00	26.90 0.08 0.00	27.97 0.36 0.00	30.24 0.68 0.00	31.75 0.56 0.00	35.19 0.93 0.00	38.10 1.18 0.00	40.78 1.07 0.00	46.05 1.04 0.00	59.52 0.94 0.00	67.52 1.45 0.00	64.51 1.20 0.00	54.55 1.49 0.00	51.20 1.54 0.00	44.64 1.51 0.00	37.80 0.81 0.00
RUSSELL___STATION 23914	32.73 1.08 0.00	29.78 0.78 0.00	27.17 0.64 0.00	25.96 0.58 0.00	26.54 0.57 0.00	28.78 0.54 0.00	33.06 0.16 0.00	35.50 -0.18 0.00	30.63 0.30 0.00	26.90 0.08 0.00	27.97 0.36 0.00	30.24 0.68 0.00	31.75 0.56 0.00	35.19 0.93 0.00	38.10 1.18 0.00	40.78 1.07 0.00	46.05 1.04 0.00	59.52 0.94 0.00	67.52 1.45 0.00	64.51 1.20 0.00	54.55 1.49 0.00	51.20 1.54 0.00	44.64 1.51 0.00	37.80 0.81 0.00
S SALMON___HYD 24043	31.78 0.13 0.00	29.08 0.09 0.00	26.56 0.03 0.00	25.40 0.03 0.00	26.02 0.05 0.00	28.30 0.06 0.00	32.93 0.03 0.00	35.60 -0.07 0.00	30.20 -0.12 0.00	26.58 -0.24 0.00	27.34 -0.28 0.00	29.26 -0.30 0.00	30.82 -0.37 0.00	33.96 -0.31 0.00	36.63 -0.30 0.00	39.35 -0.36 0.00	44.42 -0.59 0.00	58.17 -0.41 0.00	66.00 -0.07 0.00	63.62 0.32 0.00	53.33 0.27 0.00	49.91 0.25 0.00	43.48 0.34 0.00	37.09 0.11 0.00
S.PERRY__115KV_TB1 80734	33.68 2.03 0.00	30.62 1.62 0.00	27.91 1.38 0.00	26.67 1.29 0.00	27.32 1.35 0.00	29.66 1.41 0.00	34.08 1.18 0.00	36.24 0.57 0.00	30.96 0.64 0.00	26.98 0.16 0.00	28.03 0.41 0.00	30.27 0.71 0.00	31.82 0.62 0.00	35.30 1.03 0.00	38.29 1.37 0.00	40.97 1.27 0.00	46.36 1.35 0.00	60.22 1.64 0.00	69.11 3.04 0.00	66.79 3.48 0.00	56.62 3.56 0.00	53.04 3.38 0.00	46.20 3.06 0.00	39.02 2.03 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.73 1.08 0.00	29.75 0.75 0.00	27.20 0.66 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.73 0.48 0.00	32.56 -0.33 0.00	34.57 -1.11 0.00	30.17 -0.15 0.00	26.47 -0.35 0.00	27.72 0.11 0.00	30.03 0.47 0.00	31.50 0.31 0.00	35.06 0.79 0.00	37.92 1.00 0.00	40.54 0.83 0.00	45.46 0.45 0.00	57.93 -0.64 0.00	65.74 -0.33 0.00	62.73 -0.57 0.00	53.59 0.53 0.00	50.41 0.74 0.00	44.30 1.16 0.00	37.65 0.67 0.00

SAWYER___23_KV_LOAD 55526	32.73 1.08 0.00	29.75 0.75 0.00	27.20 0.66 0.00	26.01 0.63 0.00	26.59 0.62 0.00	28.73 0.48 0.00	32.56 -0.33 0.00	34.57 -1.11 0.00	30.17 -0.15 0.00	26.47 -0.35 0.00	27.72 0.11 0.00	30.03 0.47 0.00	31.50 0.31 0.00	35.06 0.79 0.00	37.92 1.00 0.00	40.54 0.83 0.00	45.46 0.45 0.00	57.93 -0.64 0.00	65.74 -0.33 0.00	62.73 -0.57 0.00	53.59 0.53 0.00	50.41 0.74 0.00	44.30 1.16 0.00	37.65 0.67 0.00
SELKIRK___I 23801	31.81 0.16 0.00	29.25 0.26 0.00	26.83 0.29 0.00	25.68 0.31 0.00	26.25 0.29 0.00	28.59 0.34 0.00	33.19 0.30 0.00	36.03 0.36 0.00	30.51 0.18 0.00	26.98 0.16 0.00	27.67 0.14 0.08	29.47 0.06 0.14	31.05 0.06 0.21	34.02 0.07 0.32	36.51 0.00 0.41	39.22 0.00 0.48	44.76 0.14 0.38	58.59 0.29 0.28	66.33 0.47 0.20	63.69 0.38 0.00	53.48 0.42 0.00	50.01 0.35 0.00	43.40 0.26 0.00	37.24 0.26 0.00
SELKIRK___II 23799	31.62 -0.03 0.00	29.08 0.09 0.00	26.67 0.13 0.00	25.53 0.15 0.00	26.10 0.13 0.00	28.39 0.14 0.00	33.02 0.13 0.00	35.93 0.25 0.00	30.51 0.18 0.00	27.06 0.24 0.00	27.77 0.25 0.09	29.56 0.18 0.17	31.16 0.22 0.25	34.09 0.21 0.39	36.54 0.11 0.49	39.25 0.12 0.58	44.78 0.23 0.46	58.48 0.24 0.34	66.03 0.20 0.24	63.37 0.06 0.00	53.11 0.05 0.00	49.71 0.05 0.00	43.09 -0.04 0.00	37.02 0.04 0.00
SENECA OSWGO___HYD 24041	31.18 -0.47 0.00	28.53 -0.47 0.00	26.08 -0.45 0.00	24.94 -0.43 0.00	25.53 -0.44 0.00	27.74 -0.51 0.00	32.27 -0.63 0.00	34.96 -0.71 0.00	29.78 -0.54 0.00	26.29 -0.54 0.00	27.09 -0.53 0.00	29.06 -0.50 0.00	30.63 -0.56 0.00	33.76 -0.51 0.00	36.41 -0.52 0.00	39.11 -0.59 0.00	44.29 -0.72 0.00	57.58 -1.00 0.00	65.08 -0.99 0.00	62.42 -0.89 0.00	52.32 -0.74 0.00	49.01 -0.65 0.00	42.62 -0.52 0.00	36.43 -0.55 0.00
SENECA___115KV_TB3 355854	32.95 1.30 0.00	29.98 0.99 0.00	27.38 0.85 0.00	26.18 0.81 0.00	26.80 0.83 0.00	28.95 0.71 0.00	32.86 -0.03 0.00	34.89 -0.78 0.00	30.45 0.12 0.00	26.69 -0.13 0.00	27.94 0.33 0.00	30.30 0.74 0.00	31.82 0.62 0.00	35.43 1.17 0.00	38.29 1.37 0.00	40.97 1.27 0.00	45.96 0.95 0.00	58.58 0.00 0.00	66.53 0.46 0.00	63.43 0.13 0.00	54.17 1.11 0.00	50.90 1.24 0.00	44.69 1.55 0.00	37.98 1.00 0.00
SENECA___ENERGY 23797	31.94 0.28 0.00	29.17 0.18 0.00	26.64 0.11 0.00	25.45 0.08 0.00	26.07 0.10 0.00	28.33 0.08 0.00	32.86 -0.03 0.00	35.46 -0.21 0.00	30.33 0.00 0.00	26.66 -0.16 0.00	27.56 -0.06 0.00	29.65 0.09 0.00	31.22 0.03 0.00	34.48 0.21 0.00	37.25 0.33 0.00	39.94 0.24 0.00	45.19 0.18 0.00	58.76 0.18 0.00	66.53 0.47 0.00	63.87 0.57 0.00	53.64 0.58 0.00	50.16 0.50 0.00	43.61 0.48 0.00	37.17 0.19 0.00
SHOEMAKER___GT 23640	32.06 0.41 0.00	29.34 0.35 0.00	26.91 0.37 0.00	25.73 0.36 0.00	26.30 0.34 0.00	28.64 0.40 0.00	33.45 0.56 0.00	36.46 0.78 0.00	31.05 0.73 0.00	27.57 0.75 0.00	28.62 0.86 -0.15	30.69 0.86 -0.27	32.64 1.06 -0.39	35.94 1.06 -0.61	38.53 0.92 -0.69	41.46 0.95 -0.80	46.82 1.17 -0.64	60.45 1.40 -0.47	67.72 1.32 -0.33	64.50 1.20 0.00	53.80 0.74 0.00	50.30 0.64 0.00	43.65 0.52 0.00	37.57 0.59 0.00
SHOEMAKR_138KV_BK 111 55601	32.06 0.41 0.00	29.34 0.35 0.00	26.93 0.40 0.00	25.73 0.36 0.00	26.30 0.34 0.00	28.61 0.37 0.00	33.45 0.56 0.00	36.46 0.78 0.00	31.05 0.73 0.00	27.60 0.78 0.00	28.64 0.88 -0.14	30.71 0.89 -0.27	32.67 1.09 -0.38	35.96 1.10 -0.60	38.56 0.96 -0.67	41.49 0.99 -0.79	46.81 1.17 -0.63	60.39 1.35 -0.46	67.71 1.32 -0.32	64.44 1.14 0.00	53.75 0.69 0.00	50.31 0.65 0.00	43.65 0.52 0.00	37.57 0.59 0.00
SHOREHAM_IC_1 23715	31.68 0.03 0.00	28.79 -0.20 0.00	26.40 -0.13 0.00	25.25 -0.13 0.00	25.76 -0.21 0.00	27.99 -0.25 0.00	32.56 -0.33 0.00	36.28 0.61 0.00	30.87 0.55 0.00	27.57 0.75 0.00	29.25 1.43 -0.20	31.56 1.62 -0.37	33.41 1.68 -0.53	37.23 2.13 -0.83	39.80 1.92 -0.96	42.34 1.51 -1.12	48.11 2.21 -0.89	62.12 2.87 -0.67	69.17 2.65 -0.46	65.01 1.71 0.00	53.64 0.58 0.00	49.90 0.25 0.01	43.08 -0.04 0.01	38.57 1.59 0.00
SHOREHAM_IC_2 23716	31.68 0.03 0.00	28.79 -0.20 0.00	26.56 0.03 0.00	25.25 -0.13 0.00	25.76 -0.21 0.00	27.99 -0.25 0.00	32.60 -0.30 0.00	36.28 0.61 0.00	30.87 0.55 0.00	27.57 0.75 0.00	29.25 1.44 -0.20	31.56 1.63 -0.37	33.41 1.68 -0.53	37.23 2.12 -0.83	39.91 2.03 -0.96	42.46 1.63 -1.12	48.11 2.21 -0.89	62.12 2.87 -0.67	69.17 2.64 -0.46	65.01 1.71 0.00	53.75 0.69 0.00	49.90 0.25 0.01	43.13 0.00 0.01	38.65 1.66 0.00
SISSONVILLE____ 23735	32.85 1.20 0.00	30.10 1.10 0.00	27.46 0.93 0.00	26.23 0.86 0.00	26.90 0.93 0.00	29.26 1.02 0.00	34.21 1.32 0.00	36.92 1.25 0.00	30.99 0.67 0.00	27.25 0.43 0.00	27.97 0.36 0.00	29.74 0.18 0.00	31.04 -0.16 0.00	33.89 -0.38 0.00	36.44 -0.48 0.00	39.23 -0.48 0.00	44.52 -0.50 0.00	59.16 0.59 0.00	66.79 0.73 0.00	64.51 1.20 0.00	54.07 1.01 0.00	50.60 0.94 0.00	44.26 1.12 0.00	38.09 1.11 0.00
SITHE_IND_GS1 24169	30.77 -0.89 0.00	28.15 -0.84 0.00	25.76 -0.77 0.00	24.64 -0.74 0.00	25.21 -0.75 0.00	27.40 -0.85 0.00	31.84 -1.05 0.00	34.46 -1.21 0.00	29.39 -0.94 0.00	25.94 -0.88 0.00	26.73 -0.88 0.00	28.67 -0.89 0.00	30.22 -0.97 0.00	33.27 -0.99 0.00	35.89 -1.03 0.00	38.55 -1.15 0.00	43.70 -1.31 0.00	56.76 -1.82 0.00	64.09 -1.98 0.00	61.47 -1.84 0.00	51.52 -1.54 0.00	48.27 -1.39 0.00	41.97 -1.16 0.00	35.87 -1.11 0.00
SITHE_IND_GS2 24170	30.77 -0.89 0.00	28.15 -0.84 0.00	25.76 -0.77 0.00	24.64 -0.74 0.00	25.21 -0.75 0.00	27.40 -0.85 0.00	31.84 -1.05 0.00	34.46 -1.21 0.00	29.39 -0.94 0.00	25.94 -0.88 0.00	26.73 -0.88 0.00	28.67 -0.89 0.00	30.22 -0.97 0.00	33.27 -0.99 0.00	35.89 -1.03 0.00	38.55 -1.15 0.00	43.70 -1.31 0.00	56.76 -1.82 0.00	64.09 -1.98 0.00	61.47 -1.84 0.00	51.52 -1.54 0.00	48.27 -1.39 0.00	41.97 -1.16 0.00	35.87 -1.11 0.00
SITHE_IND_GS3 24171	30.77 -0.89 0.00	28.15 -0.84 0.00	25.76 -0.77 0.00	24.64 -0.74 0.00	25.21 -0.75 0.00	27.40 -0.85 0.00	31.84 -1.05 0.00	34.46 -1.21 0.00	29.39 -0.94 0.00	25.94 -0.88 0.00	26.73 -0.88 0.00	28.67 -0.89 0.00	30.22 -0.97 0.00	33.27 -0.99 0.00	35.89 -1.03 0.00	38.55 -1.15 0.00	43.70 -1.31 0.00	56.76 -1.82 0.00	64.09 -1.98 0.00	61.47 -1.84 0.00	51.52 -1.54 0.00	48.27 -1.39 0.00	41.97 -1.16 0.00	35.87 -1.11 0.00
SITHE_IND_GS4 24172	30.77 -0.89 0.00	28.15 -0.84 0.00	25.76 -0.77 0.00	24.64 -0.74 0.00	25.21 -0.75 0.00	27.40 -0.85 0.00	31.84 -1.05 0.00	34.46 -1.21 0.00	29.39 -0.94 0.00	25.94 -0.88 0.00	26.73 -0.88 0.00	28.67 -0.89 0.00	30.22 -0.97 0.00	33.27 -0.99 0.00	35.89 -1.03 0.00	38.55 -1.15 0.00	43.70 -1.31 0.00	56.76 -1.82 0.00	64.09 -1.98 0.00	61.47 -1.84 0.00	51.52 -1.54 0.00	48.27 -1.39 0.00	41.97 -1.16 0.00	35.87 -1.11 0.00

SITHE___BATAVIA 24024	33.65 2.00 0.00	30.59 1.59 0.00	27.94 1.41 0.00	26.64 1.27 0.00	27.29 1.32 0.00	29.49 1.24 0.00	33.52 0.62 0.00	35.57 -0.11 0.00	30.84 0.52 0.00	26.96 0.13 0.00	28.16 0.55 0.00	30.50 0.95 0.00	32.00 0.81 0.00	35.57 1.30 0.00	38.54 1.62 0.00	41.21 1.51 0.00	46.36 1.35 0.00	59.69 1.11 0.00	68.05 1.98 0.00	65.07 1.77 0.00	55.39 2.33 0.00	52.04 2.38 0.00	45.59 2.46 0.00	38.72 1.74 0.00
SITHE___INDEPEND 23800	30.76 -0.89 0.00	28.15 -0.84 0.00	25.77 -0.77 0.00	24.64 -0.74 0.00	25.19 -0.78 0.00	27.40 -0.85 0.00	31.84 -1.05 0.00	34.46 -1.21 0.00	29.39 -0.94 0.00	25.94 -0.89 0.00	26.73 -0.88 0.00	28.67 -0.89 0.00	30.22 -0.97 0.00	33.27 -0.99 0.00	35.89 -1.03 0.00	38.55 -1.15 0.00	43.71 -1.31 0.00	56.76 -1.82 0.00	64.08 -1.98 0.00	61.40 -1.90 0.00	51.52 -1.54 0.00	48.27 -1.39 0.00	41.93 -1.21 0.00	35.87 -1.11 0.00
SITHE___MASSENA 23902	32.51 0.85 0.00	29.78 0.78 0.00	27.20 0.66 0.00	26.01 0.63 0.00	26.67 0.70 0.00	28.98 0.73 0.00	33.88 0.99 0.00	36.60 0.93 0.00	30.84 0.52 0.00	27.22 0.40 0.00	27.95 0.33 0.00	29.91 0.36 0.00	31.41 0.22 0.00	34.44 0.17 0.00	37.03 0.11 0.00	39.86 0.16 0.00	45.19 0.18 0.00	59.57 0.99 0.00	67.12 1.05 0.00	64.57 1.27 0.00	54.12 1.06 0.00	50.60 0.94 0.00	44.08 0.95 0.00	37.87 0.89 0.00
SITHE___OGDNSBRG 24021	33.14 1.49 0.00	30.36 1.36 0.00	27.70 1.17 0.00	26.46 1.09 0.00	27.19 1.22 0.00	29.57 1.33 0.00	34.57 1.68 0.00	37.17 1.50 0.00	31.11 0.79 0.00	27.36 0.54 0.00	28.03 0.41 0.00	29.94 0.38 0.00	31.35 0.16 0.00	34.30 0.03 0.00	36.89 -0.04 0.00	39.74 0.04 0.00	45.10 0.09 0.00	59.87 1.29 0.00	67.85 1.78 0.00	65.71 2.41 0.00	55.13 2.07 0.00	51.55 1.89 0.00	44.90 1.77 0.00	38.57 1.59 0.00
SITHE___STERLING 23777	32.41 0.76 0.00	29.63 0.64 0.00	27.09 0.56 0.00	25.91 0.53 0.00	26.54 0.57 0.00	28.90 0.65 0.00	33.62 0.72 0.00	36.42 0.75 0.00	30.87 0.55 0.00	27.12 0.30 0.00	27.92 0.30 0.00	29.88 0.33 0.00	31.47 0.28 0.00	34.68 0.41 0.00	37.40 0.48 0.00	40.26 0.56 0.00	45.73 0.72 0.00	59.98 1.40 0.00	67.98 1.92 0.00	65.39 2.09 0.00	54.76 1.70 0.00	51.15 1.49 0.00	44.34 1.21 0.00	37.83 0.85 0.00
SLEIGHT__34_KV_TB1 80719	31.94 0.28 0.00	29.14 0.14 0.00	26.56 0.03 0.00	25.40 0.03 0.00	25.99 0.03 0.00	28.22 -0.03 0.00	32.63 -0.26 0.00	35.14 -0.54 0.00	30.17 -0.15 0.00	26.50 -0.32 0.00	27.47 -0.14 0.00	29.62 0.06 0.00	31.13 -0.06 0.00	34.44 0.17 0.00	37.25 0.33 0.00	39.90 0.20 0.00	45.19 0.18 0.00	58.58 0.00 0.00	66.40 0.33 0.00	63.62 0.32 0.00	53.54 0.48 0.00	50.21 0.55 0.00	43.70 0.56 0.00	37.09 0.11 0.00
SMITHTWN_69_KV_BK 1 55830	32.32 0.66 0.00	29.37 0.38 0.00	27.07 0.53 0.00	25.73 0.36 0.00	26.28 0.31 0.00	28.56 0.31 0.00	33.32 0.43 0.00	36.96 1.28 0.00	31.51 1.18 0.00	28.14 1.31 0.00	29.80 1.99 -0.20	32.18 2.25 -0.37	34.13 2.40 -0.53	37.95 2.84 -0.83	40.69 2.81 -0.96	43.13 2.30 -1.12	48.83 2.93 -0.89	62.77 3.51 -0.68	69.70 3.17 -0.46	65.52 2.22 0.00	54.39 1.33 0.00	50.50 0.84 0.01	43.69 0.56 0.01	39.13 2.14 0.00
SOUTH CAIRO___GT 23612	32.38 0.73 0.00	29.78 0.78 0.00	27.30 0.77 0.00	26.13 0.76 0.00	26.69 0.73 0.00	29.15 0.90 0.00	33.85 0.95 0.00	36.60 0.93 0.00	30.87 0.55 0.00	27.17 0.35 0.00	28.00 0.44 0.05	29.75 0.30 0.10	31.42 0.37 0.14	34.45 0.41 0.23	37.07 0.44 0.30	39.99 0.64 0.35	45.77 1.04 0.28	60.48 2.11 0.21	68.76 2.84 0.14	65.65 2.34 0.00	55.24 2.18 0.00	51.40 1.74 0.00	44.56 1.42 0.00	38.09 1.11 0.00
SOUTH HAMPTN___IC 23720	31.94 0.28 0.00	29.02 0.03 0.00	26.59 0.05 0.00	25.42 0.05 0.00	25.94 -0.03 0.00	28.19 -0.06 0.00	32.73 -0.16 0.00	36.42 0.75 0.00	31.08 0.76 0.00	27.79 0.96 0.00	29.53 1.71 -0.20	31.88 1.95 -0.37	33.75 2.03 -0.53	37.67 2.57 -0.83	40.39 2.51 -0.96	43.05 2.22 -1.12	48.97 3.06 -0.89	63.29 4.04 -0.67	70.69 4.16 -0.46	66.47 3.16 0.00	54.87 1.81 0.00	50.99 1.34 0.01	43.99 0.86 0.01	39.28 2.29 0.00
SOUTHDOW_115KV_TB1 355954	33.61 1.96 0.00	30.56 1.57 0.00	27.91 1.38 0.00	26.72 1.34 0.00	27.34 1.38 0.00	29.69 1.44 0.00	34.24 1.35 0.00	36.39 0.71 0.00	31.72 1.39 0.00	27.76 0.94 0.00	29.08 1.46 0.00	31.51 1.95 0.00	33.13 1.93 0.00	36.91 2.64 0.00	39.80 2.88 0.00	42.64 2.94 0.00	47.89 2.88 0.00	60.34 1.76 0.00	68.71 2.64 0.00	65.46 2.15 0.00	55.98 2.92 0.00	52.34 2.68 0.00	45.85 2.72 0.00	38.87 1.89 0.00
SOUTHOLD_69_KV_BK 2 55809	31.97 0.32 0.00	29.02 0.03 0.00	26.77 0.24 0.00	25.40 0.03 0.00	25.94 -0.03 0.00	28.19 -0.06 0.00	32.53 -0.36 0.00	36.28 0.61 0.00	30.96 0.64 0.00	27.73 0.91 0.00	29.55 1.74 -0.20	31.91 1.98 -0.37	33.81 2.09 -0.53	37.88 2.78 -0.83	40.87 2.99 -0.96	43.65 2.82 -1.12	49.64 3.74 -0.89	64.34 5.10 -0.67	72.28 5.75 -0.46	68.11 4.81 0.00	56.24 3.18 0.00	52.14 2.48 0.01	44.90 1.77 0.01	40.05 3.07 0.00
SOUTHOLD___IC 23719	31.97 0.32 0.00	29.02 0.03 0.00	26.59 0.05 0.00	25.40 0.03 0.00	25.91 -0.05 0.00	28.19 -0.06 0.00	32.53 -0.36 0.00	36.28 0.61 0.00	30.96 0.64 0.00	27.73 0.91 0.00	29.55 1.74 -0.20	31.91 1.98 -0.37	33.81 2.09 -0.53	37.88 2.77 -0.83	40.76 2.88 -0.96	43.57 2.74 -1.12	49.64 3.73 -0.89	64.34 5.09 -0.67	72.27 5.74 -0.46	68.11 4.81 0.00	56.14 3.08 0.00	52.13 2.48 0.01	44.85 1.73 0.01	39.98 2.99 0.00
SOUTH_FORK_WT_PWR 323839	31.65 0.00 0.00	28.73 -0.26 0.00	26.32 -0.21 0.00	25.14 -0.23 0.00	25.68 -0.29 0.00	27.91 -0.34 0.00	32.07 -0.82 0.00	35.78 0.11 0.00	30.54 0.21 0.00	27.41 0.59 0.00	29.22 1.41 -0.20	31.56 1.62 -0.37	33.50 1.78 -0.53	37.54 2.43 -0.83	40.46 2.58 -0.96	43.29 2.46 -1.12	49.32 3.42 -0.89	63.99 4.74 -0.67	72.27 5.74 -0.46	68.18 4.87 0.00	56.19 3.13 0.00	52.18 2.53 0.01	44.90 1.77 0.01	40.02 3.03 0.00
SPIERFLS_115KV_TB 1 80737	32.38 0.73 0.00	29.63 0.64 0.00	27.14 0.61 0.00	25.93 0.56 0.00	26.59 0.62 0.00	29.01 0.76 0.00	33.81 0.92 0.00	36.53 0.86 0.00	30.87 0.55 0.00	27.14 0.32 0.00	27.41 -0.06 0.15	29.16 -0.12 0.28	30.54 -0.25 0.40	33.58 -0.07 0.62	35.86 -0.30 0.77	38.52 -0.28 0.90	44.43 0.14 0.71	58.99 0.94 0.53	67.68 1.98 0.37	65.33 2.03 0.00	55.13 2.07 0.00	51.25 1.59 0.00	44.39 1.25 0.00	37.94 0.96 0.00
ST LAWRENCE____ 23600	32.00 0.35 0.00	29.31 0.32 0.00	26.80 0.27 0.00	25.60 0.23 0.00	26.25 0.29 0.00	28.56 0.31 0.00	33.35 0.46 0.00	36.07 0.39 0.00	30.48 0.15 0.00	26.93 0.11 0.00	27.67 0.06 0.00	29.62 0.06 0.00	31.19 0.00 0.00	34.20 -0.07 0.00	36.81 -0.11 0.00	39.62 -0.08 0.00	44.88 -0.13 0.00	58.87 0.29 0.00	66.33 0.27 0.00	63.69 0.38 0.00	53.43 0.37 0.00	49.96 0.30 0.00	43.44 0.30 0.00	37.31 0.33 0.00

STATE_CA_115KV_115_LB 55624	31.56 -0.09 0.00	29.08 0.09 0.00	26.69 0.16 0.00	25.55 0.18 0.00	26.12 0.16 0.00	28.44 0.20 0.00	33.02 0.13 0.00	35.96 0.29 0.00	30.51 0.18 0.00	27.04 0.21 0.00	27.69 0.22 0.14	29.41 0.12 0.27	30.93 0.12 0.38	33.77 0.10 0.60	36.22 0.04 0.74	38.87 0.04 0.87	44.46 0.14 0.69	58.36 0.29 0.51	65.97 0.26 0.36	63.43 0.13 0.00	53.22 0.16 0.00	49.71 0.05 0.00	43.09 -0.04 0.00	36.98 0.00 0.00
STATE_ST_34_KV_LOAD 55959	31.87 0.22 0.00	29.14 0.14 0.00	26.61 0.08 0.00	25.45 0.08 0.00	26.04 0.08 0.00	28.30 0.06 0.00	32.93 0.03 0.00	35.60 -0.07 0.00	30.39 0.06 0.00	26.74 -0.08 0.00	27.59 -0.03 0.00	29.62 0.06 0.00	31.22 0.03 0.00	34.41 0.14 0.00	37.14 0.22 0.00	39.86 0.16 0.00	45.24 0.23 0.00	58.87 0.29 0.00	66.66 0.59 0.00	64.00 0.70 0.00	53.64 0.58 0.00	50.21 0.55 0.00	43.57 0.43 0.00	37.17 0.18 0.00
STATION_5_MISC_HYD 23604	32.54 0.88 0.00	29.63 0.64 0.00	27.09 0.56 0.00	25.83 0.46 0.00	26.46 0.49 0.00	28.64 0.40 0.00	32.93 0.03 0.00	35.28 -0.39 0.00	30.48 0.15 0.00	26.77 -0.05 0.00	27.83 0.22 0.00	30.06 0.50 0.00	31.57 0.38 0.00	34.99 0.72 0.00	37.88 0.96 0.00	40.54 0.84 0.00	45.73 0.72 0.00	59.05 0.47 0.00	66.92 0.86 0.00	64.07 0.76 0.00	54.18 1.12 0.00	50.80 1.14 0.00	44.39 1.25 0.00	37.61 0.63 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.19 0.54 0.00	29.34 0.35 0.00	26.77 0.24 0.00	25.58 0.20 0.00	26.17 0.21 0.00	28.42 0.17 0.00	32.83 -0.07 0.00	35.35 -0.32 0.00	30.36 0.03 0.00	26.66 -0.16 0.00	27.64 0.03 0.00	29.80 0.24 0.00	31.35 0.16 0.00	34.65 0.38 0.00	37.48 0.55 0.00	40.18 0.48 0.00	45.42 0.41 0.00	58.87 0.29 0.00	66.73 0.66 0.00	63.87 0.57 0.00	53.86 0.80 0.00	50.46 0.79 0.00	43.95 0.82 0.00	37.32 0.33 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.28 0.63 0.00	29.40 0.41 0.00	26.83 0.29 0.00	25.63 0.25 0.00	26.23 0.26 0.00	28.42 0.17 0.00	32.69 -0.20 0.00	35.10 -0.57 0.00	30.30 -0.03 0.00	26.61 -0.21 0.00	27.64 0.03 0.00	29.85 0.30 0.00	31.38 0.19 0.00	34.75 0.48 0.00	37.62 0.70 0.00	40.26 0.56 0.00	45.46 0.45 0.00	58.75 0.18 0.00	66.60 0.53 0.00	63.68 0.38 0.00	53.80 0.74 0.00	50.46 0.79 0.00	44.04 0.91 0.00	37.32 0.33 0.00
STA_56___34_KV_BUS2 355983	32.28 0.63 0.00	29.40 0.41 0.00	26.83 0.29 0.00	25.63 0.25 0.00	26.23 0.26 0.00	28.42 0.17 0.00	32.69 -0.20 0.00	35.10 -0.57 0.00	30.30 -0.03 0.00	26.61 -0.21 0.00	27.64 0.03 0.00	29.85 0.30 0.00	31.38 0.19 0.00	34.75 0.48 0.00	37.62 0.70 0.00	40.26 0.56 0.00	45.46 0.45 0.00	58.75 0.18 0.00	66.60 0.53 0.00	63.68 0.38 0.00	53.80 0.74 0.00	50.46 0.79 0.00	44.04 0.91 0.00	37.32 0.33 0.00
STA_67___115KV_BK2 355882	32.44 0.79 0.00	29.55 0.55 0.00	26.96 0.42 0.00	25.78 0.41 0.00	26.36 0.39 0.00	28.56 0.31 0.00	32.83 -0.07 0.00	35.21 -0.46 0.00	30.39 0.06 0.00	26.69 -0.13 0.00	27.75 0.14 0.00	29.97 0.41 0.00	31.50 0.31 0.00	34.89 0.62 0.00	37.77 0.85 0.00	40.38 0.67 0.00	45.55 0.54 0.00	58.81 0.23 0.00	66.73 0.66 0.00	63.81 0.51 0.00	53.96 0.90 0.00	50.65 0.99 0.00	44.21 1.08 0.00	37.46 0.48 0.00
STA_7___115KV_9TRANS 80674	32.73 1.08 0.00	29.78 0.78 0.00	27.17 0.64 0.00	25.96 0.58 0.00	26.54 0.57 0.00	28.78 0.54 0.00	33.06 0.16 0.00	35.50 -0.18 0.00	30.63 0.30 0.00	26.90 0.08 0.00	27.97 0.36 0.00	30.24 0.68 0.00	31.75 0.56 0.00	35.19 0.93 0.00	38.10 1.18 0.00	40.78 1.07 0.00	46.05 1.04 0.00	59.52 0.94 0.00	67.52 1.45 0.00	64.51 1.20 0.00	54.55 1.49 0.00	51.20 1.54 0.00	44.64 1.51 0.00	37.80 0.81 0.00
STA_82___115KV_TB1 80780	32.47 0.82 0.00	29.57 0.58 0.00	26.99 0.45 0.00	25.78 0.41 0.00	26.38 0.42 0.00	28.59 0.34 0.00	32.83 -0.07 0.00	35.25 -0.43 0.00	30.42 0.09 0.00	26.71 -0.11 0.00	27.75 0.14 0.00	30.00 0.44 0.00	31.50 0.31 0.00	34.89 0.62 0.00	37.77 0.85 0.00	40.38 0.67 0.00	45.60 0.59 0.00	58.87 0.29 0.00	66.73 0.66 0.00	63.81 0.51 0.00	53.96 0.90 0.00	50.65 0.99 0.00	44.26 1.12 0.00	37.50 0.52 0.00
STEEL___WIND 323596	32.92 1.27 0.00	29.98 0.99 0.00	27.44 0.90 0.00	26.16 0.79 0.00	26.82 0.86 0.00	28.95 0.71 0.00	32.89 0.00 0.00	34.85 -0.82 0.00	30.39 0.06 0.00	26.66 -0.16 0.00	27.92 0.30 0.00	30.24 0.68 0.00	31.78 0.59 0.00	35.36 1.10 0.00	38.25 1.33 0.00	40.94 1.23 0.00	45.91 0.90 0.00	58.52 -0.06 0.00	66.47 0.40 0.00	63.43 0.13 0.00	54.18 1.12 0.00	50.85 1.19 0.00	44.69 1.55 0.00	37.98 1.00 0.00
STEPHTWN_115KV_BK_2 55603	31.68 0.03 0.00	29.20 0.20 0.00	26.80 0.27 0.00	25.63 0.25 0.00	26.20 0.23 0.00	28.53 0.28 0.00	33.16 0.26 0.00	36.07 0.39 0.00	30.63 0.30 0.00	27.12 0.30 0.14	27.78 0.30 0.26	29.50 0.21 0.37	31.03 0.22 0.37	33.92 0.24 0.58	36.34 0.15 0.72	39.05 0.20 0.85	44.70 0.36 0.67	58.73 0.64 0.50	66.45 0.73 0.35	63.87 0.57 0.00	53.54 0.48 0.00	50.01 0.35 0.00	43.31 0.17 0.00	37.17 0.18 0.00
STEUBEN_REC_LFGE 323667	33.04 1.39 0.00	30.10 1.10 0.00	27.49 0.96 0.00	26.29 0.91 0.00	26.93 0.96 0.00	29.24 0.99 0.00	33.62 0.72 0.00	35.85 0.18 0.00	30.78 0.45 0.00	26.90 0.08 0.00	28.03 0.41 0.00	30.27 0.71 0.00	31.85 0.66 0.00	35.40 1.13 0.00	38.25 1.33 0.00	40.97 1.27 0.00	46.23 1.22 0.00	59.69 1.11 0.00	68.05 1.98 0.00	65.46 2.15 0.00	55.45 2.39 0.00	51.90 2.23 0.00	45.21 2.07 0.00	38.39 1.41 0.00
STILLWATER___SOLAR 323814	32.51 0.85 0.00	29.78 0.78 0.00	27.30 0.77 0.00	26.08 0.71 0.00	26.72 0.75 0.00	29.12 0.88 0.00	33.91 1.02 0.00	36.74 1.07 0.00	31.08 0.76 0.00	27.36 0.54 0.00	27.80 0.36 0.17	29.57 0.33 0.31	31.03 0.28 0.44	33.99 0.41 0.69	36.36 0.29 0.85	39.14 0.44 1.00	45.03 0.81 0.79	59.46 1.47 0.59	67.71 2.05 0.41	65.33 2.03 0.00	55.02 1.96 0.00	51.30 1.64 0.00	44.43 1.29 0.00	38.06 1.07 0.00
STONY___BROOK 24151	32.28 0.63 0.00	29.34 0.35 0.00	26.88 0.34 0.00	25.70 0.33 0.00	26.23 0.26 0.00	28.53 0.28 0.00	33.22 0.33 0.00	36.89 1.21 0.00	31.45 1.12 0.00	28.08 1.26 0.00	29.75 1.93 -0.20	32.12 2.19 -0.37	34.03 2.31 -0.53	37.88 2.77 -0.83	40.46 2.58 -0.96	42.97 2.14 -1.12	48.74 2.84 -0.89	62.59 3.34 -0.67	69.50 2.98 -0.46	65.33 2.03 0.00	54.23 1.17 0.00	50.50 0.84 0.01	43.60 0.48 0.01	39.02 2.03 0.00
STURGEON_POOL_HYD 23609	32.13 0.47 0.00	29.40 0.41 0.00	26.99 0.45 0.00	25.80 0.43 0.00	26.36 0.39 0.00	28.67 0.42 0.00	33.55 0.66 0.00	36.60 0.93 0.00	31.21 0.88 0.00	27.76 0.94 0.00	28.87 1.16 -0.09	30.89 1.15 -0.17	32.87 1.43 -0.25	36.10 1.44 -0.39	38.75 1.40 -0.43	41.67 1.47 -0.50	47.12 1.71 -0.40	60.92 2.05 -0.29	68.25 1.98 -0.21	64.76 1.46 0.00	53.91 0.85 0.00	50.46 0.79 0.00	43.78 0.65 0.00	37.72 0.74 0.00

ST_LAW_115_BK7_LBMP 345037	32.03 0.38 0.00	29.34 0.35 0.00	26.83 0.29 0.00	25.63 0.25 0.00	26.28 0.31 0.00	28.59 0.34 0.00	33.39 0.49 0.00	36.14 0.46 0.00	30.51 0.18 0.00	26.96 0.13 0.00	27.70 0.08 0.00	29.65 0.09 0.00	31.16 -0.03 0.00	34.17 -0.10 0.00	36.77 -0.15 0.00	39.58 -0.12 0.00	44.88 -0.13 0.00	58.87 0.29 0.00	66.40 0.33 0.00	63.75 0.45 0.00	53.43 0.37 0.00	49.96 0.30 0.00	43.48 0.34 0.00	37.35 0.37 0.00
ST_LAW_115_BK8_LBMP 345038	32.03 0.38 0.00	29.34 0.35 0.00	26.83 0.29 0.00	25.63 0.25 0.00	26.28 0.31 0.00	28.59 0.34 0.00	33.39 0.49 0.00	36.14 0.46 0.00	30.51 0.18 0.00	26.96 0.13 0.00	27.70 0.08 0.00	29.65 0.09 0.00	31.16 -0.03 0.00	34.17 -0.10 0.00	36.77 -0.15 0.00	39.58 -0.12 0.00	44.88 -0.13 0.00	58.87 0.29 0.00	66.40 0.33 0.00	63.75 0.45 0.00	53.43 0.37 0.00	49.96 0.30 0.00	43.48 0.34 0.00	37.35 0.37 0.00
ST_LAW_230_BK5_LBMP 345035	32.00 0.35 0.00	29.31 0.32 0.00	26.80 0.27 0.00	25.60 0.23 0.00	26.25 0.29 0.00	28.56 0.31 0.00	33.35 0.46 0.00	36.07 0.39 0.00	30.48 0.15 0.00	26.93 0.11 0.00	27.67 0.06 0.00	29.62 0.06 0.00	31.19 0.00 0.00	34.20 -0.07 0.00	36.81 -0.11 0.00	39.62 -0.08 0.00	44.88 -0.13 0.00	58.87 0.29 0.00	66.33 0.27 0.00	63.69 0.38 0.00	53.43 0.37 0.00	49.96 0.30 0.00	43.44 0.30 0.00	37.31 0.33 0.00
ST_LAW_230_BK6_LBMP 345036	32.00 0.35 0.00	29.31 0.32 0.00	26.80 0.27 0.00	25.60 0.23 0.00	26.25 0.29 0.00	28.56 0.31 0.00	33.35 0.46 0.00	36.07 0.39 0.00	30.48 0.15 0.00	26.93 0.11 0.00	27.67 0.06 0.00	29.62 0.06 0.00	31.19 0.00 0.00	34.20 -0.07 0.00	36.81 -0.11 0.00	39.62 -0.08 0.00	44.88 -0.13 0.00	58.87 0.29 0.00	66.33 0.27 0.00	63.69 0.38 0.00	53.43 0.37 0.00	49.96 0.30 0.00	43.44 0.30 0.00	37.31 0.33 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.13 0.47 0.00	29.40 0.41 0.00	26.99 0.45 0.00	25.80 0.43 0.00	26.36 0.39 0.00	28.70 0.45 0.00	33.55 0.66 0.00	36.64 0.96 0.00	31.24 0.91 0.00	27.79 0.97 0.00	28.84 1.08 -0.15	30.94 1.09 -0.29	32.94 1.34 -0.41	36.25 1.34 -0.64	38.87 1.22 -0.73	41.79 1.23 -0.85	47.13 1.44 -0.68	60.78 1.70 -0.50	68.00 1.59 -0.35	64.63 1.33 0.00	53.86 0.80 0.00	50.41 0.74 0.00	43.74 0.60 0.00	37.69 0.70 0.00
SWANROAD_115KV_TB1 355699	32.73 1.08 0.00	29.75 0.75 0.00	27.20 0.66 0.00	25.98 0.61 0.00	26.56 0.60 0.00	28.70 0.45 0.00	32.00 -0.89 0.00	33.93 -1.75 0.00	29.66 -0.67 0.00	25.99 -0.83 0.00	27.23 -0.39 0.00	29.47 -0.09 0.00	30.91 -0.28 0.00	34.41 0.14 0.00	37.22 0.30 0.00	39.78 0.08 0.00	44.56 -0.45 0.00	56.76 -1.82 0.00	64.42 -1.65 0.00	61.53 -1.77 0.00	52.58 -0.48 0.00	49.56 -0.10 0.00	43.61 0.47 0.00	37.43 0.44 0.00
SYNERGY___BIOGAS 323694	33.65 1.99 0.00	30.56 1.57 0.00	27.86 1.33 0.00	26.64 1.27 0.00	27.24 1.27 0.00	29.49 1.24 0.00	33.42 0.53 0.00	35.57 -0.11 0.00	30.84 0.52 0.00	26.96 0.13 0.00	28.14 0.52 0.00	30.50 0.95 0.00	32.00 0.81 0.00	35.57 1.30 0.00	38.55 1.62 0.00	41.21 1.51 0.00	46.36 1.35 0.00	59.69 1.11 0.00	68.05 1.98 0.00	65.01 1.71 0.00	55.39 2.33 0.00	52.04 2.38 0.00	45.55 2.42 0.00	38.68 1.70 0.00
SYRACUSE___ENERGY_ST1 323597	31.52 -0.13 0.00	28.85 -0.14 0.00	26.35 -0.19 0.00	25.19 -0.18 0.00	25.79 -0.18 0.00	28.05 -0.20 0.00	32.63 -0.26 0.00	35.32 -0.36 0.00	30.11 -0.21 0.00	26.55 -0.27 0.00	27.39 -0.22 0.00	29.38 -0.18 0.00	30.97 -0.22 0.00	34.13 -0.14 0.00	36.85 -0.07 0.00	39.54 -0.16 0.00	44.83 -0.18 0.00	58.34 -0.23 0.00	65.93 -0.13 0.00	63.24 -0.06 0.00	53.01 -0.05 0.00	49.61 -0.05 0.00	43.09 -0.04 0.00	36.80 -0.18 0.00
SYRACUSE___ENERGY_ST2 323598	31.52 -0.13 0.00	28.85 -0.14 0.00	26.35 -0.19 0.00	25.19 -0.18 0.00	25.79 -0.18 0.00	28.05 -0.20 0.00	32.63 -0.26 0.00	35.32 -0.36 0.00	30.11 -0.21 0.00	26.55 -0.27 0.00	27.39 -0.22 0.00	29.38 -0.18 0.00	30.97 -0.22 0.00	34.13 -0.14 0.00	36.85 -0.07 0.00	39.54 -0.16 0.00	44.83 -0.18 0.00	58.34 -0.23 0.00	65.93 -0.13 0.00	63.24 -0.06 0.00	53.01 -0.05 0.00	49.61 -0.05 0.00	43.09 -0.04 0.00	36.80 -0.18 0.00
SYRACUSE___POWER 24017	31.46 -0.19 0.00	28.79 -0.20 0.00	26.32 -0.21 0.00	25.17 -0.20 0.00	25.76 -0.21 0.00	27.99 -0.25 0.00	32.56 -0.33 0.00	35.28 -0.39 0.00	30.08 -0.24 0.00	26.53 -0.30 0.00	27.36 -0.25 0.00	29.35 -0.21 0.00	30.94 -0.25 0.00	34.10 -0.17 0.00	36.81 -0.11 0.00	39.47 -0.24 0.00	44.79 -0.23 0.00	58.23 -0.35 0.00	65.80 -0.26 0.00	63.11 -0.19 0.00	52.90 -0.16 0.00	49.51 -0.15 0.00	43.01 -0.13 0.00	36.76 -0.22 0.00
TALLMAN_138KV_BK151 55660	32.28 0.63 0.00	29.52 0.52 0.00	27.12 0.58 0.00	25.91 0.53 0.00	26.49 0.52 0.00	28.81 0.56 0.00	33.75 0.86 0.00	36.89 1.21 0.00	31.48 1.15 0.00	28.06 1.23 0.00	29.16 1.38 -0.17	31.32 1.45 -0.32	33.33 1.68 -0.45	36.69 1.71 -0.71	39.28 1.55 -0.81	42.24 1.59 -0.95	47.56 1.80 -0.75	61.19 2.05 -0.56	68.31 1.85 -0.39	64.89 1.58 0.00	53.96 0.90 0.00	50.55 0.89 0.00	43.87 0.73 0.00	37.83 0.85 0.00
TEALLAVE_115KV_TB7 355573	31.40 -0.25 0.00	28.70 -0.29 0.00	26.24 -0.29 0.00	25.09 -0.28 0.00	25.68 -0.29 0.00	27.91 -0.34 0.00	32.46 -0.43 0.00	35.17 -0.50 0.00	29.99 -0.33 0.00	26.45 -0.38 0.00	27.28 -0.33 0.00	29.26 -0.30 0.00	30.88 -0.31 0.00	34.03 -0.24 0.00	36.70 -0.22 0.00	39.39 -0.32 0.00	44.65 -0.36 0.00	57.99 -0.59 0.00	65.54 -0.53 0.00	62.86 -0.44 0.00	52.69 -0.37 0.00	49.31 -0.35 0.00	42.83 -0.30 0.00	36.65 -0.33 0.00
TELGRAPH_34_KV_EAST 80808	33.20 1.55 0.00	30.18 1.19 0.00	27.54 1.01 0.00	26.34 0.96 0.00	26.93 0.96 0.00	29.12 0.88 0.00	32.83 -0.07 0.00	34.85 -0.82 0.00	30.36 0.03 0.00	26.58 -0.24 0.00	27.78 0.17 0.00	30.12 0.56 0.00	31.60 0.41 0.00	35.13 0.86 0.00	38.03 1.11 0.00	40.66 0.95 0.00	45.69 0.68 0.00	58.46 -0.12 0.00	66.53 0.46 0.00	63.49 0.19 0.00	54.17 1.11 0.00	50.95 1.29 0.00	44.73 1.60 0.00	38.13 1.15 0.00
TEMPLE___115KV_TB 2 55572	31.40 -0.25 0.00	28.70 -0.29 0.00	26.24 -0.29 0.00	25.09 -0.28 0.00	25.68 -0.29 0.00	27.94 -0.31 0.00	32.46 -0.43 0.00	35.17 -0.50 0.00	30.02 -0.30 0.00	26.47 -0.35 0.00	27.31 -0.30 0.00	29.29 -0.27 0.00	30.88 -0.31 0.00	34.06 -0.21 0.00	36.74 -0.18 0.00	39.39 -0.32 0.00	44.70 -0.32 0.00	58.05 -0.53 0.00	65.60 -0.46 0.00	62.86 -0.44 0.00	52.69 -0.37 0.00	49.36 -0.30 0.00	42.88 -0.26 0.00	36.65 -0.33 0.00
TIANA____69_KV_BK 1 55817	31.97 0.32 0.00	29.05 0.06 0.00	26.77 0.24 0.00	25.42 0.05 0.00	25.97 0.00 0.00	28.22 -0.03 0.00	32.79 -0.10 0.00	36.49 0.82 0.00	31.11 0.79 0.00	27.81 0.99 0.00	29.53 1.71 -0.20	31.88 1.95 -0.37	33.75 2.03 -0.53	37.67 2.57 -0.83	40.47 2.58 -0.96	43.05 2.22 -1.12	48.83 2.93 -0.89	63.11 3.87 -0.67	70.36 3.83 -0.46	66.15 2.85 0.00	54.70 1.64 0.00	50.75 1.09 0.01	43.82 0.69 0.01	39.20 2.22 0.00

TILDEN___115KV_TB1 80814	31.46 -0.19 0.00	28.79 -0.20 0.00	26.32 -0.21 0.00	25.17 -0.20 0.00	25.76 -0.21 0.00	27.99 -0.25 0.00	32.56 -0.33 0.00	35.28 -0.39 0.00	30.08 -0.24 0.00	26.53 -0.30 0.00	27.36 -0.25 0.00	29.35 -0.21 0.00	30.94 -0.25 0.00	34.10 -0.17 0.00	36.81 -0.11 0.00	39.47 -0.24 0.00	44.79 -0.23 0.00	58.23 -0.35 0.00	65.80 -0.26 0.00	63.11 -0.19 0.00	52.90 -0.16 0.00	49.51 -0.15 0.00	43.01 -0.13 0.00	36.76 -0.22 0.00
TRIGEN___CC 323695	32.32 0.66 0.00	29.46 0.46 0.00	27.09 0.56 0.00	25.80 0.43 0.00	26.36 0.39 0.00	28.64 0.40 0.00	33.52 0.62 0.00	36.96 1.28 0.00	31.51 1.18 0.00	28.11 1.29 0.00	29.64 1.82 -0.20	31.94 2.01 -0.37	33.94 2.21 -0.53	37.54 2.43 -0.83	40.21 2.33 -0.96	42.81 1.99 -1.12	48.29 2.39 -0.89	62.17 2.93 -0.66	69.11 2.58 -0.46	65.20 1.90 0.00	54.02 0.96 0.00	50.40 0.74 0.01	43.60 0.47 0.01	38.61 1.63 0.00
TRINITY__115KV__4 BK 55933	31.43 -0.22 0.00	28.99 0.00 0.00	26.61 0.08 0.00	25.47 0.10 0.00	26.02 0.05 0.00	28.33 0.08 0.00	32.89 0.00 0.00	35.82 0.14 0.00	30.42 0.09 0.00	26.98 0.16 0.00	27.63 0.17 0.14	29.32 0.03 0.27	30.87 0.06 0.38	33.67 0.00 0.59	36.11 -0.07 0.74	38.76 -0.08 0.86	44.28 -0.05 0.69	58.07 0.00 0.51	65.65 -0.07 0.35	63.11 -0.19 0.00	52.95 -0.11 0.00	49.46 -0.20 0.00	42.88 -0.26 0.00	36.83 -0.15 0.00
UNION___PROCESSING_DRP 323587	32.47 0.82 0.00	29.57 0.58 0.00	26.99 0.45 0.00	25.78 0.41 0.00	26.38 0.42 0.00	28.59 0.34 0.00	32.86 -0.03 0.00	35.25 -0.43 0.00	30.42 0.09 0.00	26.71 -0.11 0.00	27.78 0.17 0.00	30.00 0.44 0.00	31.50 0.31 0.00	34.92 0.65 0.00	37.77 0.85 0.00	40.42 0.71 0.00	45.60 0.59 0.00	58.87 0.29 0.00	66.73 0.66 0.00	63.87 0.57 0.00	54.02 0.96 0.00	50.70 1.04 0.00	44.26 1.12 0.00	37.50 0.52 0.00
UPPER HUDSON___HYD 24058	32.38 0.73 0.00	29.63 0.64 0.00	27.15 0.61 0.00	25.93 0.56 0.00	26.56 0.60 0.00	29.01 0.76 0.00	33.78 0.89 0.00	36.53 0.85 0.00	30.87 0.55 0.00	27.14 0.32 0.00	27.41 -0.06 0.15	29.16 -0.12 0.28	30.54 -0.25 0.40	33.58 -0.07 0.62	35.86 -0.30 0.77	38.53 -0.28 0.90	44.43 0.14 0.71	58.99 0.93 0.53	67.68 1.98 0.37	65.33 2.03 0.00	55.13 2.07 0.00	51.25 1.59 0.00	44.39 1.25 0.00	37.94 0.96 0.00
UPPER RAQUET___HYD 24056	32.85 1.20 0.00	30.10 1.10 0.00	27.46 0.93 0.00	26.24 0.86 0.00	26.93 0.96 0.00	29.26 1.02 0.00	34.21 1.32 0.00	36.92 1.25 0.00	30.99 0.67 0.00	27.25 0.43 0.00	27.97 0.36 0.00	29.74 0.18 0.00	31.04 -0.16 0.00	33.89 -0.38 0.00	36.44 -0.48 0.00	39.23 -0.47 0.00	44.52 -0.49 0.00	59.16 0.59 0.00	66.80 0.73 0.00	64.50 1.20 0.00	54.07 1.01 0.00	50.60 0.94 0.00	44.25 1.12 0.00	38.09 1.11 0.00
VALLEY44_115KV_TB2 355964	32.22 0.57 0.00	29.34 0.35 0.00	26.88 0.34 0.00	25.70 0.33 0.00	26.30 0.34 0.00	28.50 0.25 0.00	32.60 -0.30 0.00	34.64 -1.03 0.00	30.11 -0.21 0.00	26.42 -0.40 0.00	27.61 0.00 0.00	29.88 0.33 0.00	31.44 0.25 0.00	34.95 0.69 0.00	37.77 0.85 0.00	40.38 0.67 0.00	45.37 0.36 0.00	57.82 -0.76 0.00	65.67 -0.40 0.00	62.67 -0.63 0.00	53.54 0.48 0.00	50.01 0.35 0.00	43.74 0.60 0.00	37.20 0.22 0.00
VALLEY___115KV_TB 1-4 80826	32.16 0.51 0.00	29.43 0.43 0.00	26.93 0.40 0.00	25.75 0.38 0.00	26.38 0.42 0.00	28.73 0.48 0.00	33.45 0.56 0.00	36.28 0.61 0.00	30.81 0.49 0.00	27.22 0.40 0.00	28.00 0.39 0.00	29.97 0.41 0.00	31.60 0.41 0.00	34.75 0.48 0.00	37.48 0.55 0.00	40.30 0.60 0.00	45.69 0.68 0.00	59.52 0.94 0.00	67.12 1.06 0.00	64.32 1.01 0.00	53.96 0.90 0.00	50.50 0.84 0.00	43.87 0.73 0.00	37.61 0.63 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.57 0.92 0.00	29.81 0.81 0.00	27.28 0.74 0.00	26.08 0.71 0.00	26.72 0.75 0.00	29.09 0.85 0.00	33.88 0.99 0.00	36.78 1.11 0.00	31.27 0.94 0.00	27.57 0.75 0.00	28.45 0.80 -0.03	30.47 0.86 -0.06	32.21 0.94 -0.08	35.46 1.06 -0.13	37.88 0.96 0.00	40.74 1.03 0.00	46.27 1.26 0.00	60.51 1.93 0.00	68.38 2.31 0.00	65.52 2.22 0.00	54.86 1.80 0.00	51.35 1.69 0.00	44.52 1.38 0.00	38.09 1.11 0.00
VISCHER___FERRY HYD 24020	32.19 0.54 0.00	29.54 0.55 0.00	27.09 0.56 0.00	25.93 0.56 0.00	26.51 0.55 0.00	28.90 0.65 0.00	33.62 0.72 0.00	36.57 0.89 0.00	30.99 0.67 0.00	27.41 0.59 0.00	27.87 0.47 0.21	29.62 0.44 0.39	31.13 0.50 0.55	33.92 0.51 0.86	36.31 0.44 1.06	39.02 0.56 1.24	44.88 0.85 0.98	59.02 1.17 0.73	66.95 1.39 0.51	64.57 1.27 0.00	54.23 1.17 0.00	50.65 0.99 0.00	43.87 0.73 0.00	37.65 0.67 0.00
V_A_10_SYNC_DSASP 323832	32.32 0.66 0.00	29.43 0.43 0.00	26.91 0.37 0.00	25.70 0.33 0.00	26.28 0.31 0.00	28.42 0.17 0.00	32.40 -0.49 0.00	34.53 -1.14 0.00	30.02 -0.30 0.00	26.37 -0.46 0.00	27.53 -0.08 0.00	29.77 0.21 0.00	31.19 0.00 0.00	34.65 0.38 0.00	37.48 0.55 0.00	40.10 0.40 0.00	45.01 0.00 0.00	57.64 -0.94 0.00	65.27 -0.79 0.00	62.42 -0.89 0.00	53.11 0.05 0.00	50.01 0.35 0.00	43.87 0.73 0.00	37.20 0.22 0.00
V_CMM_10_SYNC_DSASP 323787	32.22 0.57 0.00	29.52 0.52 0.00	26.96 0.42 0.00	25.78 0.40 0.00	26.43 0.47 0.00	28.73 0.48 0.00	33.58 0.69 0.00	36.32 0.64 0.00	30.66 0.33 0.00	27.06 0.24 0.00	27.81 0.19 0.00	29.79 0.24 0.00	31.32 0.13 0.00	34.34 0.07 0.00	36.96 0.04 0.00	39.78 0.08 0.00	45.06 0.05 0.00	59.22 0.65 0.00	66.80 0.73 0.00	64.12 0.82 0.00	53.75 0.69 0.00	50.26 0.60 0.00	43.74 0.60 0.00	37.57 0.59 0.00
V_CMP_10_SYNC_DSASP 323788	32.82 1.17 0.00	30.07 1.07 0.00	27.46 0.93 0.00	26.26 0.89 0.00	26.95 0.99 0.00	29.29 1.05 0.00	34.24 1.35 0.00	36.99 1.32 0.00	31.21 0.88 0.00	27.55 0.72 0.00	28.30 0.69 0.00	30.33 0.77 0.00	31.91 0.72 0.00	34.99 0.72 0.00	37.62 0.70 0.00	40.50 0.79 0.00	45.91 0.90 0.00	60.45 1.87 0.00	68.24 2.18 0.00	65.58 2.28 0.00	54.92 1.86 0.00	51.25 1.59 0.00	44.56 1.42 0.00	38.20 1.22 0.00
V_D_10_SYNC_DSASP 323841	32.51 0.85 0.00	29.78 0.78 0.00	27.20 0.66 0.00	25.98 0.61 0.00	26.67 0.70 0.00	28.98 0.73 0.00	33.88 0.99 0.00	36.60 0.93 0.00	30.84 0.52 0.00	27.22 0.40 0.00	27.95 0.33 0.00	29.91 0.36 0.00	31.41 0.22 0.00	34.44 0.17 0.00	37.03 0.11 0.00	39.86 0.16 0.00	45.19 0.18 0.00	59.57 0.99 0.00	67.12 1.05 0.00	64.57 1.27 0.00	54.12 1.06 0.00	50.56 0.89 0.00	44.04 0.91 0.00	37.87 0.89 0.00
V_E_10_SYNC_DSASP 323830	35.00 3.35 0.00	31.95 2.96 0.00	29.14 2.60 0.00	27.88 2.51 0.00	28.72 2.75 0.00	31.33 3.08 0.00	36.48 3.59 0.00	39.45 3.78 0.00	33.15 2.82 0.00	28.73 1.90 0.00	29.52 1.88 -0.03	31.62 2.01 -0.06	33.24 1.97 -0.08	36.86 2.47 -0.12	39.65 2.73 0.00	42.92 3.21 0.00	48.79 3.78 0.00	65.14 6.56 0.00	74.53 8.46 0.00	71.79 8.49 0.00	60.06 7.00 0.00	56.11 6.45 0.00	48.48 5.35 0.00	41.12 4.14 0.00

V_F_30_NSYNC___DSASP 323816	32.54 0.88 0.00	29.80 0.81 0.00	27.33 0.80 0.00	26.11 0.74 0.00	26.75 0.78 0.00	29.15 0.90 0.00	33.94 1.05 0.00	36.78 1.11 0.00	31.11 0.79 0.00	27.41 0.59 0.00	27.87 0.41 0.16	29.65 0.38 0.30	31.11 0.34 0.42	34.09 0.48 0.66	36.51 0.41 0.82	39.26 0.51 0.96	45.15 0.90 0.76	59.60 1.58 0.56	67.85 2.18 0.39	65.46 2.15 0.00	55.08 2.02 0.00	51.35 1.69 0.00	44.51 1.38 0.00	38.09 1.11 0.00
V_F_30_SYNC_DSASP 323786	31.56 -0.09 0.00	29.08 0.09 0.00	26.69 0.16 0.00	25.55 0.18 0.00	26.10 0.13 0.00	28.44 0.20 0.00	33.02 0.13 0.00	35.92 0.25 0.00	30.51 0.18 0.00	27.04 0.21 0.00	27.69 0.22 0.14	29.41 0.12 0.27	30.93 0.12 0.38	33.77 0.10 0.60	36.18 0.00 0.74	38.87 0.04 0.87	44.46 0.14 0.69	58.30 0.23 0.51	65.97 0.26 0.36	63.43 0.13 0.00	53.22 0.16 0.00	49.71 0.05 0.00	43.09 -0.04 0.00	36.98 0.00 0.00
V_XM_10_SYNC_DSASP 323789	32.82 1.17 0.00	30.07 1.07 0.00	27.46 0.93 0.00	26.26 0.89 0.00	26.95 0.99 0.00	29.29 1.05 0.00	34.24 1.35 0.00	36.99 1.32 0.00	31.21 0.88 0.00	27.55 0.72 0.00	28.30 0.69 0.00	30.33 0.77 0.00	31.91 0.72 0.00	34.99 0.72 0.00	37.62 0.70 0.00	40.50 0.79 0.00	45.91 0.90 0.00	60.45 1.87 0.00	68.24 2.18 0.00	65.58 2.28 0.00	54.92 1.86 0.00	51.25 1.59 0.00	44.56 1.42 0.00	38.20 1.22 0.00
W.BABYLN_69_KV_BK1 56697	32.60 0.95 0.00	29.63 0.64 0.00	27.28 0.74 0.00	25.96 0.58 0.00	26.51 0.55 0.00	28.81 0.56 0.00	33.65 0.76 0.00	37.24 1.57 0.00	31.75 1.43 0.00	28.32 1.50 0.00	30.00 2.18 -0.20	32.36 2.42 -0.37	34.31 2.59 -0.53	38.08 2.98 -0.83	40.80 2.92 -0.96	43.33 2.50 -1.12	48.87 2.97 -0.89	62.93 3.69 -0.66	69.96 3.44 -0.46	65.84 2.53 0.00	54.55 1.49 0.00	50.80 1.14 0.01	43.99 0.86 0.01	39.31 2.33 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.44 0.79 0.00	29.66 0.67 0.00	27.25 0.72 0.00	26.03 0.66 0.00	26.62 0.65 0.00	28.95 0.71 0.00	33.91 1.02 0.00	37.07 1.39 0.00	31.63 1.30 0.00	28.16 1.34 0.00	29.31 1.52 -0.18	31.45 1.57 -0.33	33.50 1.84 -0.47	36.85 1.85 -0.73	39.50 1.74 -0.84	42.47 1.79 -0.98	47.86 2.07 -0.78	61.56 2.40 -0.58	68.78 2.31 -0.40	65.27 1.96 0.00	54.28 1.22 0.00	50.80 1.14 0.00	44.13 0.99 0.00	38.02 1.04 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.63 0.98 0.00	29.81 0.81 0.00	27.38 0.85 0.00	26.16 0.79 0.00	26.72 0.75 0.00	29.07 0.82 0.00	34.14 1.25 0.00	37.39 1.71 0.00	31.93 1.61 0.00	28.51 1.69 0.00	29.72 1.91 -0.20	31.91 1.98 -0.37	34.04 2.31 -0.54	37.50 2.40 -0.83	40.24 2.36 -0.96	43.25 2.42 -1.12	48.65 2.75 -0.89	62.34 3.10 -0.66	69.43 2.91 -0.46	65.84 2.53 0.00	54.55 1.49 0.00	51.20 1.54 0.00	44.47 1.34 0.00	38.42 1.44 0.00
W50THST__13_KV_LOAD 356117	32.76 1.11 0.00	29.92 0.93 0.00	27.49 0.96 0.00	26.23 0.86 0.00	26.82 0.86 0.00	29.18 0.93 0.00	34.31 1.41 0.00	37.60 1.93 0.00	32.11 1.79 0.00	28.67 1.85 0.00	29.88 2.07 -0.20	32.12 2.19 -0.37	34.26 2.53 -0.54	37.71 2.60 -0.83	40.50 2.62 -0.96	43.53 2.70 -1.12	48.92 3.02 -0.89	62.75 3.51 -0.66	69.83 3.30 -0.46	66.22 2.91 0.00	54.76 1.70 0.00	51.45 1.79 0.00	44.69 1.55 0.00	38.57 1.59 0.00
WADING RIVER_IC_1 23522	31.65 0.00 0.00	28.76 -0.23 0.00	26.35 -0.18 0.00	25.20 -0.18 0.00	25.73 -0.23 0.00	27.96 -0.28 0.00	32.53 -0.36 0.00	36.21 0.54 0.00	30.84 0.52 0.00	27.55 0.72 0.00	29.22 1.41 -0.20	31.53 1.60 -0.37	33.38 1.65 -0.53	37.19 2.09 -0.83	39.76 1.88 -0.96	42.30 1.47 -1.12	48.06 2.16 -0.89	62.00 2.75 -0.67	68.97 2.45 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	49.85 0.20 0.01	43.04 -0.09 0.01	38.50 1.52 0.00
WADING RIVER_IC_2 23547	31.65 0.00 0.00	28.76 -0.23 0.00	26.35 -0.18 0.00	25.20 -0.18 0.00	25.73 -0.23 0.00	27.96 -0.28 0.00	32.53 -0.36 0.00	36.21 0.54 0.00	30.84 0.52 0.00	27.55 0.72 0.00	29.22 1.41 -0.20	31.53 1.60 -0.37	33.38 1.65 -0.53	37.19 2.09 -0.83	39.76 1.88 -0.96	42.30 1.47 -1.12	48.06 2.16 -0.89	62.00 2.75 -0.67	68.97 2.45 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	49.85 0.20 0.01	43.04 -0.09 0.01	38.50 1.52 0.00
WADING RIVER_IC_3 23601	31.65 0.00 0.00	28.76 -0.23 0.00	26.35 -0.18 0.00	25.20 -0.18 0.00	25.73 -0.23 0.00	27.96 -0.28 0.00	32.53 -0.36 0.00	36.21 0.54 0.00	30.84 0.52 0.00	27.55 0.72 0.00	29.22 1.41 -0.20	31.53 1.60 -0.37	33.38 1.65 -0.53	37.19 2.09 -0.83	39.76 1.88 -0.96	42.30 1.47 -1.12	48.06 2.16 -0.89	62.00 2.75 -0.67	68.97 2.45 -0.46	64.89 1.58 0.00	53.59 0.53 0.00	49.85 0.20 0.01	43.04 -0.09 0.01	38.50 1.52 0.00
WALDENNY_12_KV_BK2 80841	33.04 1.39 0.00	30.04 1.04 0.00	27.44 0.90 0.00	26.23 0.86 0.00	26.85 0.88 0.00	29.01 0.76 0.00	32.86 -0.03 0.00	34.89 -0.78 0.00	30.45 0.12 0.00	26.69 -0.13 0.00	27.97 0.36 0.00	30.33 0.77 0.00	31.85 0.66 0.00	35.47 1.20 0.00	38.33 1.40 0.00	41.01 1.31 0.00	46.00 0.99 0.00	58.64 0.06 0.00	66.60 0.53 0.00	63.49 0.19 0.00	54.23 1.17 0.00	50.95 1.29 0.00	44.73 1.60 0.00	38.02 1.04 0.00
WALDEN__HYDRO 24148	32.25 0.60 0.00	29.52 0.52 0.00	27.09 0.56 0.00	25.91 0.53 0.00	26.46 0.49 0.00	28.81 0.56 0.00	33.68 0.79 0.00	36.74 1.07 0.00	31.33 1.00 0.00	27.84 1.02 0.00	28.89 1.13 -0.15	30.98 1.15 -0.27	32.98 1.40 -0.39	36.28 1.41 -0.61	38.94 1.33 -0.68	41.90 1.39 -0.80	47.31 1.67 -0.64	61.04 1.99 -0.47	68.38 1.98 -0.33	65.01 1.71 0.00	54.17 1.11 0.00	50.65 0.99 0.00	43.95 0.82 0.00	37.83 0.85 0.00
WARRENSBURG____ 23737	32.38 0.73 0.00	29.63 0.64 0.00	27.14 0.61 0.00	25.93 0.56 0.00	26.59 0.62 0.00	29.01 0.76 0.00	33.81 0.92 0.00	36.53 0.86 0.00	30.87 0.55 0.00	27.14 0.32 0.00	27.41 -0.06 0.15	29.16 -0.12 0.28	30.54 -0.25 0.40	33.58 -0.07 0.62	35.86 -0.30 0.77	38.52 -0.28 0.90	44.43 0.14 0.71	58.99 0.94 0.53	67.68 1.98 0.37	65.33 2.03 0.00	55.13 2.07 0.00	51.25 1.59 0.00	44.39 1.25 0.00	37.94 0.96 0.00
WATERSIDE____6 8 9 23538	32.66 1.01 0.00	29.84 0.84 0.00	27.38 0.85 0.00	26.11 0.74 0.00	26.67 0.70 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.54 1.72 0.00	29.80 1.99 -0.20	32.03 2.10 -0.37	34.14 2.40 -0.55	37.60 2.50 -0.83	40.39 2.51 -0.96	43.37 2.54 -1.12	48.65 2.75 -0.89	61.87 2.64 -0.66	68.91 2.38 -0.46	65.33 2.03 0.00	54.12 1.06 0.00	50.80 1.14 0.00	44.34 1.21 0.00	38.46 1.48 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.94 0.28 0.00	29.26 0.26 0.00	26.77 0.24 0.00	25.63 0.25 0.00	26.23 0.26 0.00	28.53 0.28 0.00	33.25 0.36 0.00	36.07 0.39 0.00	30.63 0.30 0.00	27.06 0.24 0.00	27.86 0.25 0.00	29.80 0.24 0.00	31.44 0.25 0.00	34.58 0.31 0.00	37.29 0.37 0.00	40.06 0.36 0.00	45.46 0.45 0.00	59.22 0.64 0.00	66.79 0.73 0.00	64.00 0.70 0.00	53.64 0.58 0.00	50.21 0.55 0.00	43.61 0.47 0.00	37.39 0.41 0.00

WDELAWARE___HYD 323627	32.22 0.57 0.00	29.46 0.46 0.00	26.99 0.45 0.00	25.80 0.43 0.00	26.36 0.39 0.00	28.73 0.48 0.00	33.58 0.69 0.00	36.60 0.93 0.00	31.14 0.82 0.00	27.65 0.83 0.00	28.64 0.91 -0.12	30.69 0.92 -0.22	32.65 1.15 -0.31	35.91 1.17 -0.48	38.56 1.11 -0.53	41.52 1.19 -0.62	47.04 1.53 -0.50	61.05 2.11 -0.37	68.57 2.25 -0.26	65.33 2.03 0.00	54.39 1.33 0.00	50.80 1.14 0.00	44.04 0.91 0.00	37.83 0.85 0.00
WEST BABYLON___IC 23714	32.60 0.95 0.00	29.63 0.64 0.00	27.28 0.74 0.00	25.96 0.58 0.00	26.51 0.55 0.00	28.81 0.56 0.00	33.65 0.76 0.00	37.24 1.57 0.00	31.75 1.43 0.00	28.32 1.50 0.00	30.00 2.18 -0.20	32.36 2.42 -0.37	34.31 2.59 -0.53	38.08 2.98 -0.83	40.80 2.92 -0.96	43.33 2.50 -1.12	48.87 2.97 -0.89	62.93 3.69 -0.66	69.96 3.44 -0.46	65.84 2.53 0.00	54.55 1.49 0.00	50.80 1.14 0.01	43.99 0.86 0.01	39.31 2.33 0.00
WEST CANADA___HYD 24049	31.62 -0.03 0.00	28.97 -0.03 0.00	26.51 -0.03 0.00	25.35 -0.03 0.00	25.94 -0.03 0.00	28.25 0.00 0.00	32.86 -0.03 0.00	35.67 0.00 0.00	30.33 0.00 0.00	26.82 0.00 0.00	27.59 -0.03 0.00	29.53 -0.03 0.00	31.16 -0.03 0.00	34.23 -0.03 0.00	36.92 0.00 0.00	39.70 0.00 0.00	45.06 0.05 0.00	58.64 0.06 0.00	66.13 0.07 0.00	63.37 0.06 0.00	53.11 0.05 0.00	49.66 0.00 0.00	43.13 0.00 0.00	36.98 0.00 0.00
WESTERN_NY_WIND 24143	33.65 1.99 0.00	30.56 1.57 0.00	27.86 1.33 0.00	26.62 1.24 0.00	27.24 1.27 0.00	29.49 1.24 0.00	33.39 0.49 0.00	35.53 -0.14 0.00	30.81 0.49 0.00	26.93 0.11 0.00	28.14 0.52 0.00	30.48 0.92 0.00	31.97 0.78 0.00	35.54 1.27 0.00	38.51 1.59 0.00	41.17 1.47 0.00	46.32 1.31 0.00	59.57 1.00 0.00	67.92 1.85 0.00	64.95 1.65 0.00	55.29 2.23 0.00	51.99 2.33 0.00	45.51 2.37 0.00	38.65 1.66 0.00
WESTOVER___LESR 323668	32.00 0.35 0.00	29.26 0.26 0.00	26.77 0.24 0.00	25.60 0.23 0.00	26.20 0.23 0.00	28.47 0.23 0.00	33.02 0.13 0.00	35.67 0.00 0.00	30.51 0.18 0.00	26.90 0.08 0.00	27.81 0.19 0.00	29.85 0.30 0.00	31.50 0.31 0.00	34.75 0.48 0.00	37.37 0.44 0.00	40.10 0.40 0.00	45.42 0.41 0.00	58.87 0.29 0.00	66.60 0.53 0.00	63.87 0.57 0.00	53.70 0.64 0.00	50.21 0.55 0.00	43.65 0.52 0.00	37.28 0.30 0.00
WETHRSFD_WT_PWR 323626	32.66 1.01 0.00	29.78 0.78 0.00	27.25 0.72 0.00	25.98 0.61 0.00	26.64 0.67 0.00	28.78 0.54 0.00	32.86 -0.03 0.00	34.89 -0.79 0.00	30.14 -0.18 0.00	26.42 -0.40 0.00	27.59 -0.03 0.00	29.85 0.30 0.00	31.41 0.22 0.00	34.89 0.62 0.00	37.70 0.78 0.00	40.38 0.67 0.00	45.37 0.36 0.00	58.17 -0.41 0.00	66.13 0.07 0.00	63.49 0.19 0.00	54.02 0.96 0.00	50.65 0.99 0.00	44.39 1.25 0.00	37.76 0.78 0.00
WHAVSTOR_138KV_BK127 55557	32.25 0.60 0.00	29.52 0.52 0.00	27.09 0.56 0.00	25.91 0.53 0.00	26.46 0.49 0.00	28.78 0.54 0.00	33.71 0.82 0.00	36.89 1.21 0.00	31.45 1.12 0.00	28.03 1.21 0.00	29.17 1.38 -0.18	31.31 1.42 -0.33	33.35 1.68 -0.47	36.69 1.68 -0.74	39.28 1.51 -0.84	42.20 1.51 -0.99	47.55 1.76 -0.78	61.09 1.93 -0.58	68.26 1.78 -0.41	64.76 1.46 0.00	53.86 0.80 0.00	50.46 0.79 0.00	43.83 0.69 0.00	37.80 0.81 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.25 0.60 0.00	29.52 0.52 0.00	27.09 0.56 0.00	25.91 0.53 0.00	26.46 0.49 0.00	28.78 0.54 0.00	33.71 0.82 0.00	36.89 1.21 0.00	31.45 1.12 0.00	28.03 1.21 0.00	29.17 1.38 -0.18	31.31 1.42 -0.33	33.35 1.68 -0.47	36.69 1.68 -0.74	39.28 1.51 -0.84	42.20 1.51 -0.99	47.55 1.76 -0.78	61.09 1.93 -0.58	68.26 1.78 -0.41	64.76 1.46 0.00	53.86 0.80 0.00	50.46 0.79 0.00	43.83 0.69 0.00	37.80 0.81 0.00
WHITEHAL_115KV_TB1 80871	32.85 1.20 0.00	30.04 1.04 0.00	27.49 0.96 0.00	26.26 0.89 0.00	26.93 0.96 0.00	29.43 1.19 0.00	34.27 1.38 0.00	36.96 1.28 0.00	31.17 0.85 0.00	27.30 0.48 0.00	27.60 0.14 0.15	29.36 0.09 0.29	30.69 -0.09 0.41	33.80 0.17 0.64	36.10 -0.04 0.79	38.86 0.08 0.92	44.91 0.63 0.73	59.80 1.76 0.54	68.73 3.04 0.38	66.53 3.23 0.00	56.24 3.18 0.00	52.14 2.48 0.00	45.16 2.03 0.00	38.54 1.55 0.00
WHITEPLN_13_KV_LOAD 356215	32.66 1.01 0.00	29.84 0.84 0.00	27.41 0.88 0.00	26.16 0.79 0.00	26.75 0.78 0.00	29.07 0.82 0.00	34.14 1.25 0.00	37.39 1.71 0.00	31.87 1.55 0.00	28.40 1.58 0.00	29.61 1.79 -0.20	31.82 1.89 -0.37	33.90 2.18 -0.53	37.39 2.30 -0.82	40.12 2.25 -0.95	43.16 2.34 -1.11	48.64 2.75 -0.88	62.57 3.34 -0.65	69.76 3.24 -0.46	66.15 2.85 0.00	54.92 1.86 0.00	51.40 1.74 0.00	44.60 1.47 0.00	38.46 1.48 0.00
WM_FLOYD_69_KV_BK2 356380	32.00 0.35 0.00	29.11 0.12 0.00	26.83 0.29 0.00	25.50 0.13 0.00	26.04 0.08 0.00	28.30 0.06 0.00	32.93 0.03 0.00	36.60 0.93 0.00	31.17 0.85 0.00	27.84 1.02 0.00	29.50 1.68 -0.20	31.82 1.89 -0.37	33.69 1.97 -0.53	37.54 2.43 -0.83	40.24 2.36 -0.96	42.77 1.95 -1.12	48.47 2.57 -0.89	62.53 3.28 -0.67	69.57 3.04 -0.46	65.46 2.15 0.00	54.17 1.11 0.00	50.30 0.65 0.01	43.52 0.39 0.01	38.94 1.96 0.00
WOODARD___115KV_TB2 355635	31.33 -0.32 0.00	28.65 -0.35 0.00	26.19 -0.34 0.00	25.07 -0.30 0.00	25.63 -0.34 0.00	27.88 -0.37 0.00	32.43 -0.46 0.00	35.10 -0.57 0.00	29.93 -0.39 0.00	26.42 -0.40 0.00	27.25 -0.36 0.00	29.23 -0.33 0.00	30.82 -0.37 0.00	33.96 -0.31 0.00	36.63 -0.30 0.00	39.31 -0.40 0.00	44.56 -0.45 0.00	57.93 -0.64 0.00	65.47 -0.59 0.00	62.73 -0.57 0.00	52.58 -0.48 0.00	49.26 -0.40 0.00	42.79 -0.35 0.00	36.58 -0.41 0.00
WOODMERE_69_KV_BK1 55827	32.70 1.04 0.00	29.78 0.78 0.00	27.33 0.80 0.00	26.06 0.69 0.00	26.62 0.65 0.00	28.92 0.68 0.00	33.81 0.92 0.00	37.32 1.64 0.00	31.81 1.49 0.00	28.40 1.58 0.00	30.00 2.18 -0.20	32.36 2.42 -0.37	34.38 2.65 -0.53	38.05 2.95 -0.83	40.80 2.92 -0.96	43.45 2.62 -1.12	49.05 3.15 -0.89	63.28 4.04 -0.66	70.36 3.83 -0.46	66.34 3.04 0.00	54.86 1.80 0.00	51.14 1.49 0.01	44.25 1.12 0.01	39.16 2.18 0.00
YORK___WARBASSE 23770	32.82 1.17 0.00	29.92 0.93 0.00	27.44 0.90 0.00	26.13 0.76 0.00	26.72 0.75 0.00	28.90 0.65 0.00	34.01 1.12 0.00	37.24 1.57 0.00	31.87 1.55 0.00	28.57 1.74 0.00	29.86 2.04 -0.20	32.09 2.16 -0.37	34.27 2.53 -0.55	37.74 2.64 -0.83	40.54 2.66 -0.96	43.49 2.66 -1.12	48.65 2.75 -0.89	61.81 2.58 -0.66	68.97 2.44 -0.46	65.39 2.09 0.00	54.23 1.17 0.00	50.75 1.09 0.00	44.34 1.21 0.00	38.57 1.59 0.00