

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses															--- Marginal Cost of Congestion															09/19/2025		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00																								
59TH STREET_GT_1	24138	36.14	33.88	31.64	30.16	29.86	33.45	40.34	45.89	43.39	41.54	40.37	41.34	43.11	44.13	46.79	48.64	54.28	70.25	66.66	60.25	50.40	45.96	42.01	37.64																								
		1.72	1.30	1.07	0.96	0.87	1.19	1.99	2.31	2.46	2.66	2.70	2.94	3.09	3.19	3.65	3.75	4.00	4.76	4.16	3.42	2.66	2.40	2.30	1.96																								
		0.00	-0.07	-0.03	0.00	0.00	0.00	0.00	0.00	-0.62	-0.92	-1.17	-1.25	-1.46	-1.52	-1.66	-1.77	-1.55	-2.01	-1.27	-0.70	-0.15	-0.64	0.00	0.00																								
74TH STREET_GT_1	24260	36.10	33.88	31.61	30.13	29.86	33.42	40.30	45.85	43.31	41.50	40.34	41.30	43.03	44.05	46.71	48.60	54.18	70.12	66.53	60.19	50.35	45.87	42.01	37.64																								
		1.69	1.30	1.04	0.93	0.87	1.16	1.96	2.27	2.38	2.62	2.66	2.90	3.01	3.11	3.57	3.71	3.90	4.63	4.04	3.37	2.62	2.32	2.30	1.96																								
		0.00	-0.07	-0.03	0.00	0.00	0.00	0.00	0.00	-0.62	-0.92	-1.17	-1.25	-1.46	-1.52	-1.66	-1.77	-1.55	-2.01	-1.27	-0.70	-0.15	-0.64	0.00	0.00																								
74TH STREET_GT_2	24261	36.10	33.88	31.61	30.13	29.86	33.42	40.30	45.85	43.31	41.50	40.34	41.30	43.03	44.05	46.71	48.60	54.18	70.12	66.53	60.19	50.35	45.87	42.01	37.64																								
		1.69	1.30	1.04	0.93	0.87	1.16	1.96	2.27	2.38	2.62	2.66	2.90	3.01	3.11	3.57	3.71	3.90	4.63	4.04	3.37	2.62	2.32	2.30	1.96																								
		0.00	-0.07	-0.03	0.00	0.00	0.00	0.00	0.00	-0.62	-0.92	-1.17	-1.25	-1.46	-1.52	-1.66	-1.77	-1.55	-2.01	-1.27	-0.70	-0.15	-0.64	0.00	0.00																								
ADK HUDSON___FALLS	24011	35.38	33.15	31.27	29.92	29.63	33.26	39.42	44.67	40.07	37.01	35.15	35.73	36.80	37.70	39.74	41.52	48.21	62.86	61.52	56.93	48.42	43.29	40.46	36.25																								
		0.96	0.72	0.76	0.73	0.64	1.00	1.07	1.09	0.40	0.00	-0.15	-0.15	-0.27	-0.16	-0.04	0.22	1.07	1.46	1.59	1.52	1.00	1.03	0.75	0.57																								
		0.00	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.64	0.95	1.21	1.28	1.50	1.56	1.70	1.82	1.59	2.07	1.30	0.72	0.16	0.66	0.00	0.00																								
ADK RESOURCE___RCVRY	23798	35.45	33.25	31.36	30.01	29.65	33.36	39.54	44.76	40.12	37.06	35.05	35.66	36.73	37.68	39.71	41.49	48.27	63.19	61.83	57.16	48.58	43.44	40.57	36.32																								
		1.03	0.81	0.85	0.82	0.67	1.10	1.19	1.18	0.44	0.04	-0.25	-0.22	-0.35	-0.20	-0.08	0.17	1.12	1.59	1.78	1.68	1.14	1.11	0.87	0.64																								
		0.00	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.64	0.94	1.20	1.27	1.49	1.55	1.69	1.80	1.58	1.87	1.17	0.65	0.14	0.59	0.02	0.00																								
ADK S GLENS___FALLS	24028	35.38	33.15	31.27	29.92	29.63	33.26	39.42	44.67	40.07	37.01	35.15	35.73	36.80	37.70	39.74	41.52	48.21	62.86	61.52	56.93	48.42	43.29	40.46	36.25																								
		0.96	0.72	0.76	0.73	0.64	1.00	1.07	1.09	0.40	0.00	-0.15	-0.15	-0.27	-0.16	-0.04	0.22	1.07	1.46	1.59	1.52	1.00	1.03	0.75	0.57																								
		0.00	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.64	0.95	1.21	1.28	1.50	1.56	1.70	1.82	1.59	2.07	1.30	0.72	0.16	0.66	0.00	0.00																								
ADK_NYS___DAM	23527	35.17	32.93	31.02	29.69	29.42	32.97	39.38	44.72	40.01	37.03	34.96	35.51	36.50	37.29	39.23	40.73	46.99	61.20	60.26	56.02	48.34	42.56	40.47	36.35																								
		0.76	0.59	0.55	0.50	0.44	0.71	1.04	1.13	1.05	1.06	0.99	1.04	1.08	1.14	1.33	1.42	1.61	2.09	1.78	1.40	1.10	1.03	0.79	0.68																								
		0.00	0.16	0.07	0.00	0.00	0.00	0.00	0.00	1.34	1.99	2.53	2.69	3.15	3.27	3.57	3.81	3.34	4.36	2.74	1.51	0.33	1.38	0.04	0.00																								
AIR_PRODUCTS___DRP	24190	34.21	32.13	30.21	28.90	28.76	32.10	38.04	43.37	39.68	37.09	35.47	36.07	37.28	37.94	40.08	41.63	47.36	61.57	59.67	54.97	46.76	41.92	39.04	35.36																								
		-0.21	-0.33	-0.31	-0.29	-0.23	-0.16	-0.31	-0.22	-0.20	-0.23	-0.22	-0.22	-0.27	-0.43	-0.25	-0.26	-0.29	-0.51	-0.67	-0.67	-0.71	-0.56	-0.68	-0.32																								
		0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.43	0.64	0.81	0.86	1.01	1.05	1.15	1.22	1.07	1.40	0.88	0.48	0.11	0.44	0.00	0.00																								
AKWESSNE_115KV_BK	355683	34.39	32.35	30.87	28.39	28.65	29.95	34.89	41.52	40.12	38.49	37.01	35.71	37.78	38.92	41.34	43.32	46.82	64.11	61.82	52.33	42.98	40.55	40.11	36.10																								
		0.38	0.39	0.34	0.32	0.35	0.42	0.50	0.57	0.56	0.53	0.51	0.45	0.42	0.39	0.29	0.26	0.49	0.63	0.67	0.56	0.48	0.47	0.40	0.43																								
		0.40	0.55	0.00	1.12	0.68	2.73	3.96	2.63	0.75	0.00	0.00	1.89	1.21	0.90	0.43	0.05	2.39	0.00	0.08	4.36	5.07	2.84	0.00	0.00																								
ALBANY_1_SOLAR	323833	35.00	32.93	31.01	29.63	29.36	32.81	38.89	44.15	40.36	37.74	36.02	36.57	37.85	38.48	40.59	42.26	47.47	61.98	60.22	55.42	47.08	42.28	39.18	35.46																								
		0.58	0.45	0.49	0.44	0.38	0.55	0.54	0.57	0.32	0.19	0.04	-0.04	-0.08	-0.27	-0.17	-0.09	-0.58	-0.57	-0.43	-0.39	-0.43	-0.34	-0.52	-0.21																								
		0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.27	0.40	0.51	0.55	0.64	0.66	0.73	0.77	0.68	0.92	0.58	0.32	0.07	0.29	0.01	0.00																								
ALBANY_2_SOLAR	323834	35.00	32.93	31.01	29.60	29.36	32.78	38.89	44.15	40.36	37.74	36.02	36.57	37.85	38.48	40.59	42.26	47.47	61.98	60.16	55.36	47.03	42.28	39.18	35.46																								
		0.58	0.45	0.49	0.41	0.38	0.51	0.54	0.57	0.32	0.19	0.04	-0.04	-0.08	-0.27	-0.17	-0.09	-0.58	-0.57	-0.49	-0.45	-0.48	-0.34	-0.52	-0.21																								
		0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.27	0.40	0.51	0.55	0.64	0.66	0.73	0.77	0.68	0.92	0.58	0.32	0.07	0.29	0.01	0.00																								
ALBANY___1	23571	34.21	32.13	30.21	28.90	28.76	32.10	38.04	43.37	39.68	37.09	35.47	36.07	37.28	37.94	40.08	41.63	47.36	61.57	59.67	54.97	46.76	41.92	39.04	35.36																								
		-0.21	-0.33	-0.31	-0.29	-0.23	-0.16	-0.31	-0.22	-0.20	-0.23	-0.22	-0.22	-0.27	-0.43	-0.25	-0.26	-0.29	-0.51	-0.67	-0.67	-0.71	-0.56	-0.68	-0.32																								
		0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.43	0.64	0.81	0.86	1.01	1.05	1.15	1.22	1.07	1.40	0.88	0.48	0.11	0.44	0.00	0.00																								

ALBANY___2 23572	34.21 -0.21 0.00	32.13 -0.33 0.05	30.21 -0.31 0.02	28.90 -0.29 0.00	28.76 -0.23 0.00	32.10 -0.16 0.00	38.04 -0.31 0.00	43.37 -0.22 0.00	39.68 -0.20 0.43	37.09 -0.23 0.64	35.47 -0.22 0.81	36.07 -0.22 0.86	37.28 -0.27 1.01	37.94 -0.43 1.05	40.08 -0.25 1.15	41.63 -0.26 1.22	47.36 -0.29 1.07	61.57 -0.51 1.40	59.67 -0.67 0.88	54.97 -0.67 0.48	46.76 -0.71 0.11	41.92 -0.56 0.44	39.04 -0.68 0.00	35.36 -0.32 0.00
ALBANY___3 23573	34.21 -0.21 0.00	32.13 -0.33 0.05	30.21 -0.31 0.02	28.90 -0.29 0.00	28.76 -0.23 0.00	32.10 -0.16 0.00	38.04 -0.31 0.00	43.37 -0.22 0.00	39.68 -0.20 0.43	37.09 -0.23 0.64	35.47 -0.22 0.81	36.07 -0.22 0.86	37.28 -0.27 1.01	37.94 -0.43 1.05	40.08 -0.25 1.15	41.63 -0.26 1.22	47.36 -0.29 1.07	61.57 -0.51 1.40	59.67 -0.67 0.88	54.97 -0.67 0.48	46.76 -0.71 0.11	41.92 -0.56 0.44	39.04 -0.68 0.00	35.36 -0.32 0.00
ALBANY___4 23574	34.21 -0.21 0.00	32.13 -0.33 0.05	30.21 -0.31 0.02	28.90 -0.29 0.00	28.76 -0.23 0.00	32.10 -0.16 0.00	38.04 -0.31 0.00	43.37 -0.22 0.00	39.68 -0.20 0.43	37.09 -0.23 0.64	35.47 -0.22 0.81	36.07 -0.22 0.86	37.28 -0.27 1.01	37.94 -0.43 1.05	40.08 -0.25 1.15	41.63 -0.26 1.22	47.36 -0.29 1.07	61.57 -0.51 1.40	59.67 -0.67 0.88	54.97 -0.67 0.48	46.76 -0.71 0.11	41.92 -0.56 0.44	39.04 -0.68 0.00	35.36 -0.32 0.00
ALBANY___LFGE 323615	34.56 0.14 0.00	32.42 -0.03 0.06	30.54 0.03 0.02	29.19 0.00 0.00	28.96 -0.03 0.00	32.39 0.13 0.00	38.46 0.12 0.00	43.76 0.18 0.00	39.96 0.12 0.48	37.33 0.08 0.71	35.60 0.00 0.90	36.20 0.00 0.96	37.45 0.00 1.12	38.14 -0.12 1.16	40.25 0.04 1.27	41.85 0.09 1.35	47.74 0.20 1.19	62.08 0.19 1.58	60.23 0.00 0.99	55.47 -0.11 0.55	47.27 -0.19 0.12	42.29 -0.13 0.50	39.46 -0.24 0.01	35.61 -0.07 0.00
ALCOA_PA_115KV_PL-6C 55860	38.93 0.65 -3.86	38.39 0.62 -5.27	31.09 0.55 0.00	40.47 0.55 -10.72	36.09 0.58 -6.52	58.98 0.65 -26.08	76.97 0.81 -37.82	69.63 0.92 -25.13	48.39 0.89 -7.20	38.76 0.80 0.00	37.30 0.80 0.00	55.94 0.74 -18.04	50.81 0.69 -11.55	48.64 0.67 -8.55	46.17 0.58 -4.11	44.17 0.56 -0.50	72.43 0.88 -22.82	64.61 1.14 0.00	63.18 1.16 -0.79	98.77 1.01 -41.64	96.80 0.86 -48.37	70.80 0.82 -27.07	40.43 0.71 0.00	36.39 0.71 0.00
ALCOA_RYNLDS___DRP 24188	38.93 0.65 -3.86	38.39 0.62 -5.27	31.09 0.55 0.00	40.47 0.55 -10.72	36.09 0.58 -6.52	58.98 0.65 -26.08	76.97 0.81 -37.82	69.63 0.92 -25.13	48.39 0.89 -7.20	38.76 0.80 0.00	37.30 0.80 0.00	55.94 0.74 -18.04	50.81 0.69 -11.55	48.64 0.67 -8.55	46.17 0.58 -4.11	44.17 0.56 -0.50	72.43 0.88 -22.82	64.61 1.14 0.00	63.18 1.16 -0.79	98.77 1.01 -41.64	96.80 0.86 -48.37	70.80 0.82 -27.07	40.43 0.71 0.00	36.39 0.71 0.00
ALCOA___DSASP 323711	38.93 0.65 -3.86	38.39 0.62 -5.27	31.09 0.55 0.00	40.46 0.55 -10.72	36.09 0.58 -6.52	58.98 0.64 -26.08	76.97 0.81 -37.82	69.63 0.92 -25.13	48.36 0.85 -7.20	38.76 0.80 0.00	37.30 0.80 0.00	55.94 0.74 -18.04	50.81 0.69 -11.55	48.64 0.67 -8.55	46.17 0.58 -4.11	44.17 0.56 -0.50	72.43 0.88 -22.82	64.62 1.14 0.00	63.18 1.16 -0.79	98.77 1.01 -41.64	96.81 0.86 -48.37	70.80 0.81 -27.07	40.43 0.72 0.00	36.39 0.71 0.00
ALLEGHENY___COGEN 23514	35.31 0.89 0.00	33.52 1.01 0.00	31.75 0.82 -0.39	30.55 1.08 -0.27	30.11 0.87 -0.25	33.03 0.77 0.00	38.81 0.46 0.00	43.83 0.44 0.19	40.31 0.00 0.00	37.28 -0.68 0.00	35.70 -0.80 0.00	36.37 -0.78 0.00	37.39 -0.81 0.36	38.87 -0.55 0.00	40.52 -0.71 0.25	42.15 -0.60 0.37	47.51 -0.58 0.64	62.17 -0.06 1.24	62.65 1.47 0.04	58.26 2.13 0.00	49.43 1.85 0.00	44.16 1.25 0.00	41.06 1.35 0.00	37.00 1.32 0.00
ALTAMONT_115KV_TB 2 55880	34.69 0.28 0.00	32.67 0.20 0.03	30.71 0.18 0.01	29.40 0.20 0.00	29.16 0.17 0.00	32.52 0.26 0.00	38.66 0.31 0.00	43.98 0.39 0.00	40.36 0.32 0.28	37.85 0.30 0.41	36.24 0.26 0.52	36.90 0.30 0.55	38.23 0.31 0.65	38.98 0.24 0.67	41.12 0.37 0.73	42.77 0.43 0.78	48.48 0.44 0.69	63.09 0.51 0.89	60.97 0.31 0.56	56.04 0.22 0.31	47.65 0.14 0.07	42.80 0.17 0.28	39.79 0.08 0.00	35.89 0.21 0.00
ALTONA_WT_PWR 323606	36.00 1.38 -0.20	34.21 1.43 -0.28	31.91 1.38 0.00	31.13 1.37 -0.56	30.75 1.42 -0.34	35.27 1.64 -1.36	42.36 2.03 -1.98	47.25 2.35 -1.31	43.03 2.34 -0.38	40.08 2.12 0.00	38.51 2.01 0.00	39.85 1.75 -0.94	40.79 1.62 -0.60	41.33 1.46 -0.45	42.90 1.20 -0.21	44.09 0.95 -0.03	51.09 1.17 -1.19	65.12 1.65 0.00	63.23 1.96 -0.04	60.04 1.74 -2.17	51.53 1.43 -2.52	45.83 1.50 -1.41	41.26 1.55 0.00	37.39 1.71 0.00
AMERICAN_REF_FUEL 24010	32.84 -1.58 0.00	31.82 -0.68 0.00	30.05 -0.82 -0.34	28.70 -0.73 -0.24	28.22 -0.99 -0.22	31.04 -1.23 0.00	35.51 -2.84 0.00	39.52 -3.84 0.23	36.93 -3.39 0.00	34.35 -3.61 0.00	33.22 -3.29 0.00	34.18 -2.97 0.00	35.07 -3.05 0.44	36.62 -2.80 0.00	38.15 -3.03 0.31	39.18 -3.49 0.45	43.63 -4.34 0.76	55.60 -6.35 1.52	56.16 -5.02 0.05	52.14 -3.98 0.00	44.77 -2.81 0.00	40.13 -2.79 0.00	37.53 -2.18 0.00	35.18 -0.50 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.01 -0.41 0.00	32.41 -0.10 0.00	30.67 -0.21 -0.35	29.62 0.18 -0.25	29.16 -0.06 -0.23	31.84 -0.42 0.00	37.32 -1.03 0.00	41.85 -1.53 0.21	38.90 -1.41 0.00	36.17 -1.78 0.00	35.00 -1.50 0.00	36.00 -1.15 0.00	37.15 -1.00 0.41	38.59 -0.83 0.00	40.29 -0.91 0.28	41.33 -1.38 0.41	46.19 -1.85 0.69	59.42 -2.66 1.39	59.53 -1.65 0.05	54.95 -1.18 0.00	47.01 -0.57 0.00	42.01 -0.90 0.00	39.12 -0.59 0.00	35.53 -0.14 0.00
ARTHUR KILL_GT_1 23520	26.23 1.86 10.05	22.75 1.40 11.15	18.97 1.10 12.67	14.98 0.96 15.18	15.19 0.87 14.67	20.06 1.13 13.33	26.07 1.96 14.23	26.51 2.27 19.34	26.59 2.54 16.26	25.52 2.77 15.21	26.24 2.77 13.03	26.75 3.05 13.45	28.68 3.16 13.05	31.29 3.27 11.40	37.32 3.77 7.94	39.22 3.92 7.83	46.16 4.00 6.56	63.31 4.82 4.98	59.71 4.22 5.74	53.33 3.48 6.28	38.97 2.81 11.41	30.33 2.49 15.07	33.55 2.54 8.70	27.45 2.14 10.37
ARTHUR_KILL_2 23512	26.09 1.72 10.05	22.62 1.27 11.15	18.93 1.07 12.67	14.83 0.82 15.18	15.07 0.75 14.67	19.99 1.06 13.33	25.96 1.84 14.23	26.33 2.09 19.34	26.39 2.34 16.26	25.44 2.70 15.21	26.21 2.74 13.03	26.64 2.93 13.45	28.56 3.05 13.05	31.17 3.15 11.40	37.11 3.57 7.94	39.00 3.71 7.83	45.97 3.80 6.56	63.03 4.63 5.07	59.41 3.98 5.79	53.07 3.25 6.31	38.82 2.66 11.42	30.17 2.36 15.10	33.49 2.46 8.68	27.23 1.93 10.37
ARTHUR_KILL_3 23513	25.70 1.34 10.06	22.32 0.97 11.16	18.65 0.79 12.68	14.62 0.61 15.19	14.86 0.55 14.68	19.76 0.84 13.34	25.68 1.57 14.24	26.02 1.79 19.35	25.98 1.93 16.27	24.98 2.24 15.22	25.76 2.30 13.04	26.19 2.49 13.46	28.09 2.58 13.06	30.69 2.68 11.41	36.60 3.07 7.95	38.43 3.15 7.83	45.42 3.27 6.57	62.33 3.94 5.08	58.73 3.30 5.80	52.50 2.69 6.32	38.24 2.09 11.43	29.74 1.93 15.11	32.97 1.95 8.69	26.79 1.50 10.38

ARTHUR_KILL_COGEN 323718	26.19 1.82 10.05	22.75 1.40 11.15	19.03 1.16 12.67	14.92 0.91 15.18	15.16 0.84 14.67	20.09 1.16 13.33	26.07 1.95 14.23	26.46 2.22 19.34	26.51 2.46 16.26	25.56 2.81 15.21	26.32 2.85 13.03	26.75 3.05 13.45	28.68 3.16 13.05	31.33 3.31 11.40	37.23 3.69 7.94	39.17 3.88 7.83	46.16 4.00 6.56	63.29 4.89 5.07	59.65 4.22 5.79	53.30 3.48 6.31	39.01 2.85 11.42	30.30 2.49 15.10	33.65 2.62 8.68	27.37 2.07 10.37
ASHOKAN____ 23654	36.10 1.69 0.00	33.87 1.37 0.00	31.73 1.19 0.00	29.75 0.55 0.00	29.48 0.49 0.00	32.97 0.71 0.00	39.50 1.15 0.00	44.54 0.96 0.00	41.93 1.61 0.00	39.55 1.59 0.00	37.96 1.46 0.00	38.57 1.41 0.00	40.15 1.58 0.00	40.96 1.54 0.00	43.47 1.99 0.00	45.40 2.28 0.00	51.55 2.83 0.00	67.34 3.87 0.00	65.15 3.92 0.00	59.77 3.65 0.00	50.53 2.95 0.00	45.32 2.40 0.00	40.46 0.75 0.00	36.64 0.96 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.04 1.62 0.00	33.72 1.14 -0.07	31.49 0.92 -0.03	29.87 0.67 0.00	29.57 0.58 0.00	33.03 0.77 0.00	39.77 1.42 0.00	45.14 1.57 0.01	42.74 1.82 -0.62	41.11 2.24 -0.92	39.97 2.30 -1.16	40.92 2.53 -1.24	42.64 2.62 -1.45	43.61 2.68 -1.51	46.21 3.07 -1.66	48.13 3.24 -1.77	53.54 3.27 -1.55	69.26 3.87 -1.92	65.61 3.18 -1.20	59.25 2.47 -0.66	49.72 2.00 -0.14	45.32 1.80 -0.60	42.24 2.50 -0.02	37.65 1.96 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	36.04 1.62 0.00	33.72 1.14 -0.07	31.49 0.92 -0.03	29.87 0.67 0.00	29.57 0.58 0.00	33.03 0.77 0.00	39.77 1.42 0.00	45.14 1.57 0.01	42.74 1.82 -0.62	41.11 2.24 -0.92	39.97 2.30 -1.16	40.92 2.53 -1.24	42.64 2.62 -1.45	43.61 2.68 -1.51	46.21 3.07 -1.66	48.13 3.24 -1.77	53.54 3.27 -1.55	69.26 3.87 -1.92	65.61 3.18 -1.20	59.25 2.47 -0.66	49.72 2.00 -0.14	45.32 1.80 -0.60	42.20 2.46 -0.02	37.65 1.96 -0.01
ASTORIA_GT2_1 24094	36.07 1.65 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.89 0.70 0.00	29.63 0.64 0.00	33.04 0.77 0.00	39.77 1.42 0.00	45.20 1.61 0.00	42.83 1.89 -0.62	41.08 2.20 -0.92	39.94 2.26 -1.17	40.93 2.53 -1.25	42.61 2.58 -1.46	43.66 2.72 -1.52	46.38 3.24 -1.66	48.34 3.45 -1.77	53.59 3.31 -1.55	69.29 3.81 -2.01	65.68 3.18 -1.27	59.29 2.47 -0.70	49.68 1.95 -0.15	45.31 1.76 -0.64	42.14 2.42 -0.01	37.72 2.03 -0.01
ASTORIA_GT2_2 24095	36.07 1.65 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.89 0.70 0.00	29.63 0.64 0.00	33.04 0.77 0.00	39.77 1.42 0.00	45.20 1.61 0.00	42.83 1.89 -0.62	41.08 2.20 -0.92	39.94 2.26 -1.17	40.93 2.53 -1.25	42.61 2.58 -1.46	43.66 2.72 -1.52	46.38 3.24 -1.66	48.34 3.45 -1.77	53.59 3.31 -1.55	69.29 3.81 -2.01	65.68 3.18 -1.27	59.29 2.47 -0.70	49.68 1.95 -0.15	45.31 1.76 -0.64	42.14 2.42 -0.01	37.72 2.03 -0.01
ASTORIA_GT2_3 24096	36.07 1.65 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.89 0.70 0.00	29.63 0.64 0.00	33.04 0.77 0.00	39.77 1.42 0.00	45.20 1.61 0.00	42.83 1.89 -0.62	41.08 2.20 -0.92	39.94 2.26 -1.17	40.93 2.53 -1.25	42.61 2.58 -1.46	43.66 2.72 -1.52	46.38 3.24 -1.66	48.34 3.45 -1.77	53.59 3.31 -1.55	69.29 3.81 -2.01	65.68 3.18 -1.27	59.29 2.47 -0.70	49.68 1.95 -0.15	45.31 1.76 -0.64	42.14 2.42 -0.01	37.72 2.03 -0.01
ASTORIA_GT2_4 24097	36.07 1.65 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.89 0.70 0.00	29.63 0.64 0.00	33.04 0.77 0.00	39.77 1.42 0.00	45.20 1.61 0.00	42.83 1.89 -0.62	41.08 2.20 -0.92	39.94 2.26 -1.17	40.93 2.53 -1.25	42.61 2.58 -1.46	43.66 2.72 -1.52	46.38 3.24 -1.66	48.34 3.45 -1.77	53.59 3.31 -1.55	69.29 3.81 -2.01	65.68 3.18 -1.27	59.29 2.47 -0.70	49.68 1.95 -0.15	45.31 1.76 -0.64	42.14 2.42 -0.01	37.72 2.03 -0.01
ASTORIA_GT3_1 24098	36.07 1.65 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.89 0.70 0.00	29.63 0.64 0.00	33.04 0.77 0.00	39.77 1.42 0.00	45.20 1.61 0.00	42.83 1.89 -0.62	41.08 2.20 -0.92	39.94 2.26 -1.17	40.93 2.53 -1.25	42.61 2.58 -1.46	43.66 2.72 -1.52	46.38 3.24 -1.66	48.34 3.45 -1.77	53.59 3.31 -1.55	69.29 3.81 -2.01	65.68 3.18 -1.27	59.29 2.47 -0.70	49.68 1.95 -0.15	45.31 1.76 -0.64	42.14 2.42 -0.01	37.72 2.03 -0.01
ASTORIA_GT3_2 24099	36.07 1.65 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.89 0.70 0.00	29.63 0.64 0.00	33.04 0.77 0.00	39.77 1.42 0.00	45.20 1.61 0.00	42.83 1.89 -0.62	41.08 2.20 -0.92	39.94 2.26 -1.17	40.93 2.53 -1.25	42.61 2.58 -1.46	43.66 2.72 -1.52	46.38 3.24 -1.66	48.34 3.45 -1.77	53.59 3.31 -1.55	69.29 3.81 -2.01	65.68 3.18 -1.27	59.29 2.47 -0.70	49.68 1.95 -0.15	45.31 1.76 -0.64	42.14 2.42 -0.01	37.72 2.03 -0.01
ASTORIA_GT3_3 24100	36.07 1.65 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.89 0.70 0.00	29.63 0.64 0.00	33.04 0.77 0.00	39.77 1.42 0.00	45.20 1.61 0.00	42.83 1.89 -0.62	41.08 2.20 -0.92	39.94 2.26 -1.17	40.93 2.53 -1.25	42.61 2.58 -1.46	43.66 2.72 -1.52	46.38 3.24 -1.66	48.34 3.45 -1.77	53.59 3.31 -1.55	69.29 3.81 -2.01	65.68 3.18 -1.27	59.29 2.47 -0.70	49.68 1.95 -0.15	45.31 1.76 -0.64	42.14 2.42 -0.01	37.72 2.03 -0.01
ASTORIA_GT3_4 24101	36.07 1.65 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.89 0.70 0.00	29.63 0.64 0.00	33.04 0.77 0.00	39.77 1.42 0.00	45.20 1.61 0.00	42.83 1.89 -0.62	41.08 2.20 -0.92	39.94 2.26 -1.17	40.93 2.53 -1.25	42.61 2.58 -1.46	43.66 2.72 -1.52	46.38 3.24 -1.66	48.34 3.45 -1.77	53.59 3.31 -1.55	69.29 3.81 -2.01	65.68 3.18 -1.27	59.29 2.47 -0.70	49.68 1.95 -0.15	45.31 1.76 -0.64	42.14 2.42 -0.01	37.72 2.03 -0.01
ASTORIA_GT4_1 24102	36.07 1.65 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.89 0.70 0.00	29.63 0.64 0.00	33.04 0.77 0.00	39.77 1.42 0.00	45.20 1.61 0.00	42.83 1.89 -0.62	41.08 2.20 -0.92	39.94 2.26 -1.17	40.93 2.53 -1.25	42.61 2.58 -1.46	43.66 2.72 -1.52	46.38 3.24 -1.66	48.34 3.45 -1.77	53.59 3.31 -1.55	69.29 3.81 -2.01	65.68 3.18 -1.27	59.29 2.47 -0.70	49.68 1.95 -0.15	45.31 1.76 -0.64	42.14 2.42 -0.01	37.72 2.03 -0.01
ASTORIA_GT4_2 24103	36.07 1.65 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.89 0.70 0.00	29.63 0.64 0.00	33.04 0.77 0.00	39.77 1.42 0.00	45.20 1.61 0.00	42.83 1.89 -0.62	41.08 2.20 -0.92	39.94 2.26 -1.17	40.93 2.53 -1.25	42.61 2.58 -1.46	43.66 2.72 -1.52	46.38 3.24 -1.66	48.34 3.45 -1.77	53.59 3.31 -1.55	69.29 3.81 -2.01	65.68 3.18 -1.27	59.29 2.47 -0.70	49.68 1.95 -0.15	45.31 1.76 -0.64	42.14 2.42 -0.01	37.72 2.03 -0.01
ASTORIA_GT4_3 24104	36.07 1.65 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.89 0.70 0.00	29.63 0.64 0.00	33.04 0.77 0.00	39.77 1.42 0.00	45.20 1.61 0.00	42.83 1.89 -0.62	41.08 2.20 -0.92	39.94 2.26 -1.17	40.93 2.53 -1.25	42.61 2.58 -1.46	43.66 2.72 -1.52	46.38 3.24 -1.66	48.34 3.45 -1.77	53.59 3.31 -1.55	69.29 3.81 -2.01	65.68 3.18 -1.27	59.29 2.47 -0.70	49.68 1.95 -0.15	45.31 1.76 -0.64	42.14 2.42 -0.01	37.72 2.03 -0.01

ASTORIA_GT4_4 24105	36.07 1.65 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.89 0.70 0.00	29.63 0.64 0.00	33.04 0.77 0.00	39.77 1.42 0.00	45.20 1.61 0.00	42.83 1.89 -0.62	41.08 2.20 -0.92	39.94 2.26 -1.17	40.93 2.53 -1.25	42.61 2.58 -1.46	43.66 2.72 -1.52	46.38 3.24 -1.66	48.34 3.45 -1.77	53.59 3.31 -1.55	69.29 3.81 -2.01	65.68 3.18 -1.27	59.29 2.47 -0.70	49.68 1.95 -0.15	45.31 1.76 -0.64	42.14 2.42 -0.01	37.72 2.03 -0.01
ASTORIA_GT_1 23523	36.14 1.72 0.00	33.82 1.24 -0.07	31.49 0.92 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.10 0.84 0.00	39.84 1.50 0.00	45.28 1.70 0.00	42.91 1.98 -0.62	41.16 2.28 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.50 3.36 -1.66	48.47 3.58 -1.77	53.74 3.46 -1.55	69.48 4.00 -2.01	65.80 3.31 -1.27	59.46 2.64 -0.70	49.83 2.09 -0.15	45.44 1.89 -0.64	42.22 2.50 -0.01	37.79 2.10 -0.01
ASTORIA_GT_10 24110	35.97 1.55 0.00	33.72 1.14 -0.07	31.46 0.89 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.16 0.90 0.00	40.00 1.65 0.00	45.46 1.87 0.00	43.03 2.10 -0.62	41.27 2.39 -0.92	40.12 2.45 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.46 3.32 -1.66	48.34 3.45 -1.77	53.79 3.51 -1.55	69.55 4.06 -2.01	65.92 3.43 -1.27	59.57 2.75 -0.70	49.92 2.19 -0.15	45.53 1.97 -0.64	41.85 2.14 0.00	37.50 1.82 0.00
ASTORIA_GT_11 24225	35.97 1.55 0.00	33.72 1.14 -0.07	31.46 0.89 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.16 0.90 0.00	40.00 1.65 0.00	45.46 1.87 0.00	43.03 2.10 -0.62	41.27 2.39 -0.92	40.12 2.45 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.46 3.32 -1.66	48.34 3.45 -1.77	53.79 3.51 -1.55	69.55 4.06 -2.01	65.92 3.43 -1.27	59.57 2.75 -0.70	49.92 2.19 -0.15	45.53 1.97 -0.64	41.85 2.14 0.00	37.50 1.82 0.00
ASTORIA_GT_12 24226	35.97 1.55 0.00	33.72 1.14 -0.07	31.46 0.89 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.16 0.90 0.00	40.00 1.65 0.00	45.46 1.87 0.00	43.03 2.10 -0.62	41.27 2.39 -0.92	40.12 2.45 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.46 3.32 -1.66	48.34 3.45 -1.77	53.79 3.51 -1.55	69.55 4.06 -2.01	65.92 3.43 -1.27	59.57 2.75 -0.70	49.92 2.19 -0.15	45.53 1.97 -0.64	41.85 2.14 0.00	37.50 1.82 0.00
ASTORIA_GT_13 24227	35.97 1.55 0.00	33.72 1.14 -0.07	31.46 0.89 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.16 0.90 0.00	40.00 1.65 0.00	45.46 1.87 0.00	43.03 2.10 -0.62	41.27 2.39 -0.92	40.12 2.45 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.46 3.32 -1.66	48.34 3.45 -1.77	53.79 3.51 -1.55	69.55 4.06 -2.01	65.92 3.43 -1.27	59.57 2.75 -0.70	49.92 2.19 -0.15	45.53 1.97 -0.64	41.85 2.14 0.00	37.50 1.82 0.00
ASTORIA_GT_5 24106	36.14 1.72 0.00	33.82 1.24 -0.07	31.49 0.92 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.10 0.84 0.00	39.84 1.50 0.00	45.28 1.70 0.00	42.91 1.98 -0.62	41.16 2.28 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.50 3.36 -1.66	48.47 3.58 -1.77	53.74 3.46 -1.55	69.48 4.00 -2.01	65.80 3.31 -1.27	59.46 2.64 -0.70	49.83 2.09 -0.15	45.44 1.89 -0.64	42.22 2.50 -0.01	37.79 2.10 -0.01
ASTORIA_GT_7 24107	36.14 1.72 0.00	33.82 1.24 -0.07	31.49 0.92 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.10 0.84 0.00	39.84 1.50 0.00	45.28 1.70 0.00	42.91 1.98 -0.62	41.16 2.28 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.50 3.36 -1.66	48.47 3.58 -1.77	53.74 3.46 -1.55	69.48 4.00 -2.01	65.80 3.31 -1.27	59.46 2.64 -0.70	49.83 2.09 -0.15	45.44 1.89 -0.64	42.22 2.50 -0.01	37.79 2.10 -0.01
ASTORIA_GT_8 24108	36.14 1.72 0.00	33.82 1.24 -0.07	31.49 0.92 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.10 0.84 0.00	39.84 1.50 0.00	45.28 1.70 0.00	42.91 1.98 -0.62	41.16 2.28 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.50 3.36 -1.66	48.47 3.58 -1.77	53.74 3.46 -1.55	69.48 4.00 -2.01	65.80 3.31 -1.27	59.46 2.64 -0.70	49.83 2.09 -0.15	45.44 1.89 -0.64	42.22 2.50 -0.01	37.79 2.10 -0.01
ASTORIA___2 24149	36.07 1.65 0.00	33.75 1.17 -0.07	31.52 0.95 -0.03	29.87 0.67 0.00	29.60 0.61 0.00	33.07 0.81 0.00	39.81 1.46 0.00	45.14 1.57 0.01	42.78 1.86 -0.62	41.15 2.28 -0.92	40.00 2.34 -1.16	40.92 2.53 -1.24	42.64 2.62 -1.45	43.61 2.68 -1.51	46.21 3.07 -1.66	48.17 3.28 -1.77	53.59 3.32 -1.55	69.26 3.87 -1.92	65.67 3.24 -1.20	59.25 2.47 -0.66	49.76 2.04 -0.14	45.32 1.80 -0.60	42.24 2.50 -0.02	37.65 1.96 -0.01
ASTORIA___3 23516	35.97 1.55 0.00	33.72 1.14 -0.07	31.52 0.95 -0.03	29.92 0.73 0.00	29.65 0.67 0.00	33.20 0.94 0.00	40.00 1.65 0.00	45.41 1.83 0.00	42.99 2.05 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.38 3.24 -1.66	48.26 3.37 -1.77	53.79 3.51 -1.55	69.52 4.12 -1.92	65.92 3.49 -1.21	59.54 2.75 -0.67	49.96 2.24 -0.15	45.50 1.98 -0.61	41.95 2.22 -0.02	37.42 1.75 0.00
ASTORIA___4 23517	35.97 1.55 0.00	33.72 1.14 -0.07	31.46 0.89 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.16 0.90 0.00	39.96 1.61 0.00	45.41 1.83 0.00	43.03 2.10 -0.62	41.27 2.39 -0.92	40.12 2.45 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.46 3.32 -1.66	48.34 3.45 -1.77	53.79 3.51 -1.55	69.55 4.06 -2.01	65.92 3.43 -1.27	59.57 2.75 -0.70	49.92 2.19 -0.15	45.53 1.97 -0.64	41.85 2.14 0.00	37.50 1.82 0.00
ASTORIA___5 23518	35.97 1.55 0.00	33.72 1.14 -0.07	31.52 0.95 -0.03	29.92 0.73 0.00	29.65 0.67 0.00	33.20 0.94 0.00	40.00 1.65 0.00	45.41 1.83 0.00	42.99 2.05 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.38 3.24 -1.66	48.26 3.37 -1.77	53.79 3.51 -1.55	69.52 4.12 -1.92	65.92 3.49 -1.21	59.54 2.75 -0.67	49.96 2.24 -0.15	45.50 1.98 -0.61	41.95 2.22 -0.02	37.42 1.75 0.00
AST_ENERGY_2_CC3 323677	27.53 1.27 8.16	26.56 0.84 6.79	26.56 0.64 4.62	26.56 0.38 3.01	26.56 0.32 2.75	26.56 0.48 6.19	26.56 1.07 12.86	26.56 1.18 18.20	26.56 1.45 15.20	26.56 1.90 13.30	28.66 1.97 9.81	28.66 2.15 10.65	28.66 2.24 12.14	28.66 2.29 13.05	29.25 2.66 14.89	30.81 2.85 15.16	35.02 2.83 16.53	51.93 3.30 14.84	48.33 2.63 15.53	42.05 1.91 15.99	32.34 1.52 16.76	28.66 1.37 15.63	28.66 2.10 13.15	28.66 1.61 8.62
AST_ENERGY_2_CC4 323678	27.53 1.27 8.16	26.56 0.84 6.79	26.56 0.64 4.62	26.56 0.38 3.01	26.56 0.32 2.75	26.56 0.48 6.19	26.56 1.07 12.86	26.56 1.18 18.20	26.56 1.45 15.20	26.56 1.90 13.30	28.66 1.97 9.81	28.66 2.15 10.65	28.66 2.24 12.14	28.66 2.29 13.05	29.25 2.66 14.89	30.81 2.85 15.16	35.02 2.83 16.53	51.93 3.30 14.84	48.33 2.63 15.53	42.05 1.91 15.99	32.34 1.52 16.76	28.66 1.37 15.63	28.66 2.10 13.15	28.66 1.61 8.62

ATHENS_STG_1 23668	35.07 0.65 0.00	33.03 0.49 -0.03	31.01 0.46 -0.01	29.57 0.38 0.00	29.34 0.35 0.00	32.78 0.51 0.00	39.16 0.81 0.00	44.50 0.92 0.00	41.53 0.93 -0.29	39.45 1.06 -0.43	37.99 0.95 -0.54	38.66 0.93 -0.58	40.20 0.96 -0.67	41.06 0.94 -0.70	43.40 1.16 -0.77	45.14 1.21 -0.82	50.71 1.26 -0.71	65.59 1.34 -0.78	62.76 1.04 -0.49	57.18 0.79 -0.27	48.25 0.62 -0.06	43.76 0.60 -0.25	40.27 0.56 -0.01	36.18 0.50 0.00
ATHENS_STG_2 23670	35.07 0.65 0.00	33.03 0.49 -0.03	31.01 0.46 -0.01	29.57 0.38 0.00	29.34 0.35 0.00	32.78 0.51 0.00	39.16 0.81 0.00	44.50 0.92 0.00	41.53 0.93 -0.29	39.45 1.06 -0.43	37.99 0.95 -0.54	38.66 0.93 -0.58	40.20 0.96 -0.67	41.06 0.94 -0.70	43.40 1.16 -0.77	45.14 1.21 -0.82	50.71 1.26 -0.71	65.59 1.34 -0.78	62.76 1.04 -0.49	57.18 0.79 -0.27	48.25 0.62 -0.06	43.76 0.60 -0.25	40.27 0.56 -0.01	36.18 0.50 0.00
ATHENS_STG_3 23677	35.07 0.65 0.00	33.03 0.49 -0.03	31.01 0.46 -0.01	29.57 0.38 0.00	29.34 0.35 0.00	32.78 0.51 0.00	39.16 0.81 0.00	44.50 0.92 0.00	41.53 0.93 -0.29	39.45 1.06 -0.43	37.99 0.95 -0.54	38.66 0.93 -0.58	40.20 0.96 -0.67	41.06 0.94 -0.70	43.40 1.16 -0.77	45.14 1.21 -0.82	50.71 1.26 -0.71	65.59 1.34 -0.78	62.76 1.04 -0.49	57.18 0.79 -0.27	48.25 0.62 -0.06	43.76 0.60 -0.25	40.27 0.56 -0.01	36.18 0.50 0.00
AUBURN___LFGE 323710	34.47 0.00 -0.05	32.64 0.07 -0.07	31.41 0.12 -0.75	29.99 0.12 -0.68	29.65 0.09 -0.58	32.61 0.00 -0.35	38.86 0.00 -0.51	43.88 -0.04 -0.34	40.33 -0.08 -0.10	37.73 -0.23 0.00	36.32 -0.18 0.00	37.14 -0.26 -0.24	38.49 -0.23 -0.16	39.38 -0.16 -0.12	41.24 -0.29 -0.06	42.82 -0.30 -0.01	48.66 -0.39 -0.32	63.34 -0.13 0.00	61.42 0.18 -0.01	57.05 0.34 -0.58	48.68 0.43 -0.68	43.47 0.17 -0.38	39.95 0.24 0.00	35.71 0.04 0.00
BABYLON_RES_REC 323704	36.10 1.69 0.00	33.69 1.11 -0.07	31.40 0.82 -0.03	29.75 0.55 0.00	29.48 0.49 0.00	33.13 0.87 0.00	39.96 1.61 0.00	44.85 1.26 0.00	42.79 1.86 -0.62	41.16 2.28 -0.92	40.19 2.52 -1.17	40.96 2.56 -1.25	42.65 2.62 -1.46	43.62 2.68 -1.52	45.41 2.28 -1.65	47.42 2.54 -1.76	52.85 2.58 -1.54	68.06 2.67 -1.92	64.58 2.14 -1.21	58.81 2.02 -0.67	48.81 1.10 -0.14	45.20 1.67 -0.61	42.19 2.46 -0.02	37.67 2.00 0.00
BALL_HILL_WT_PWR 323825	33.59 -0.83 0.00	32.02 -0.49 0.00	30.30 -0.58 -0.35	29.24 -0.20 -0.25	28.78 -0.43 -0.23	31.36 -0.90 0.00	36.62 -1.72 0.00	40.97 -2.40 0.21	38.17 -2.14 0.00	35.53 -2.43 0.00	34.35 -2.15 0.00	35.34 -1.82 0.00	36.42 -1.73 0.41	37.92 -1.50 0.00	39.57 -1.62 0.29	40.67 -2.03 0.42	45.43 -2.58 0.71	58.37 -3.68 1.42	58.61 -2.57 0.05	54.16 -1.97 0.00	46.44 -1.14 0.00	41.50 -1.42 0.00	38.72 -0.99 0.00	35.43 -0.25 0.00
BARON_WINDS___WT_PWR 323822	34.01 -0.41 0.00	32.28 -0.23 0.00	30.73 -0.21 -0.41	29.48 0.00 -0.29	29.08 -0.17 -0.27	31.84 -0.42 0.00	37.47 -0.88 0.00	42.18 -1.27 0.14	39.10 -1.21 0.00	36.48 -1.48 0.00	35.15 -1.35 0.00	35.85 -1.30 0.00	37.06 -1.24 0.26	38.36 -1.06 0.00	40.05 -1.24 0.18	41.47 -1.38 0.27	46.51 -1.75 0.47	60.41 -2.16 0.90	60.10 -1.10 0.03	55.57 -0.56 0.00	47.44 -0.14 0.00	42.40 -0.51 0.00	39.39 -0.32 0.00	35.71 0.04 0.00
BARRETT_IC_1 23704	35.93 1.51 0.00	33.62 1.04 -0.07	31.36 0.79 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.10 0.84 0.00	39.81 1.46 0.00	44.63 1.04 0.00	42.55 1.61 -0.62	40.93 2.05 -0.92	39.90 2.23 -1.17	40.74 2.34 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	45.29 2.16 -1.65	47.68 2.80 -1.76	53.05 2.78 -1.54	68.57 3.17 -1.92	65.13 2.69 -1.21	59.21 2.41 -0.67	49.05 1.33 -0.14	44.94 1.41 -0.61	41.83 2.10 -0.02	37.42 1.75 0.00
BARRETT_IC_10 23701	35.93 1.51 0.00	33.62 1.04 -0.07	31.36 0.79 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.10 0.84 0.00	39.81 1.46 0.00	44.63 1.04 0.00	42.55 1.61 -0.62	40.93 2.05 -0.92	39.90 2.23 -1.17	40.74 2.34 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	45.29 2.16 -1.65	47.68 2.80 -1.76	53.05 2.78 -1.54	68.57 3.17 -1.92	65.13 2.69 -1.21	59.21 2.41 -0.67	49.05 1.33 -0.14	44.94 1.41 -0.61	41.83 2.10 -0.02	37.42 1.75 0.00
BARRETT_IC_11 23702	35.93 1.51 0.00	33.62 1.04 -0.07	31.36 0.79 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.10 0.84 0.00	39.81 1.46 0.00	44.63 1.04 0.00	42.55 1.61 -0.62	40.93 2.05 -0.92	39.90 2.23 -1.17	40.74 2.34 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	45.29 2.16 -1.65	47.68 2.80 -1.76	53.05 2.78 -1.54	68.57 3.17 -1.92	65.13 2.69 -1.21	59.21 2.41 -0.67	49.05 1.33 -0.14	44.94 1.41 -0.61	41.83 2.10 -0.02	37.42 1.75 0.00
BARRETT_IC_12 23703	35.93 1.51 0.00	33.62 1.04 -0.07	31.36 0.79 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.10 0.84 0.00	39.81 1.46 0.00	44.63 1.04 0.00	42.55 1.61 -0.62	40.93 2.05 -0.92	39.90 2.23 -1.17	40.74 2.34 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	45.29 2.16 -1.65	47.68 2.80 -1.76	53.05 2.78 -1.54	68.57 3.17 -1.92	65.13 2.69 -1.21	59.21 2.41 -0.67	49.05 1.33 -0.14	44.94 1.41 -0.61	41.83 2.10 -0.02	37.42 1.75 0.00
BARRETT_IC_2 23705	35.93 1.51 0.00	33.62 1.04 -0.07	31.36 0.79 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.10 0.84 0.00	39.81 1.46 0.00	44.63 1.04 0.00	42.55 1.61 -0.62	40.93 2.05 -0.92	39.90 2.23 -1.17	40.74 2.34 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	45.29 2.16 -1.65	47.68 2.80 -1.76	53.05 2.78 -1.54	68.57 3.17 -1.92	65.13 2.69 -1.21	59.21 2.41 -0.67	49.05 1.33 -0.14	44.94 1.41 -0.61	41.83 2.10 -0.02	37.42 1.75 0.00
BARRETT_IC_3 23706	35.93 1.51 0.00	33.62 1.04 -0.07	31.36 0.79 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.10 0.84 0.00	39.81 1.46 0.00	44.63 1.04 0.00	42.55 1.61 -0.62	40.93 2.05 -0.92	39.90 2.23 -1.17	40.74 2.34 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	45.29 2.16 -1.65	47.68 2.80 -1.76	53.05 2.78 -1.54	68.57 3.17 -1.92	65.13 2.69 -1.21	59.21 2.41 -0.67	49.05 1.33 -0.14	44.94 1.41 -0.61	41.83 2.10 -0.02	37.42 1.75 0.00
BARRETT_IC_4 23707	35.93 1.51 0.00	33.62 1.04 -0.07	31.36 0.79 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.10 0.84 0.00	39.81 1.46 0.00	44.63 1.04 0.00	42.55 1.61 -0.62	40.93 2.05 -0.92	39.90 2.23 -1.17	40.74 2.34 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	45.29 2.16 -1.65	47.68 2.80 -1.76	53.05 2.78 -1.54	68.57 3.17 -1.92	65.13 2.69 -1.21	59.21 2.41 -0.67	49.05 1.33 -0.14	44.94 1.41 -0.61	41.83 2.10 -0.02	37.42 1.75 0.00
BARRETT_IC_5 23708	35.93 1.51 0.00	33.62 1.04 -0.07	31.36 0.79 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.10 0.84 0.00	39.81 1.46 0.00	44.63 1.04 0.00	42.55 1.61 -0.62	40.93 2.05 -0.92	39.90 2.23 -1.17	40.74 2.34 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	45.29 2.16 -1.65	47.68 2.80 -1.76	53.05 2.78 -1.54	68.57 3.17 -1.92	65.13 2.69 -1.21	59.21 2.41 -0.67	49.05 1.33 -0.14	44.94 1.41 -0.61	41.83 2.10 -0.02	37.42 1.75 0.00

BARRETT_IC_6 23709	35.93 1.51 0.00	33.62 1.04 -0.07	31.36 0.79 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.10 0.84 0.00	39.81 1.46 0.00	44.63 1.04 0.00	42.55 1.61 -0.62	40.93 2.05 -0.92	39.90 2.23 -1.17	40.74 2.34 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	45.29 2.16 -1.65	47.68 2.80 -1.76	53.05 2.78 -1.54	68.57 3.17 -1.92	65.13 2.69 -1.21	59.21 2.41 -0.67	49.05 1.33 -0.14	44.94 1.41 -0.61	41.83 2.10 -0.02	37.42 1.75 0.00
BARRETT_IC_7 23710	36.00 1.58 0.00	33.66 1.07 -0.07	31.27 0.70 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.07 0.81 0.00	39.77 1.42 0.00	45.02 1.44 0.00	42.55 1.61 -0.62	40.89 2.01 -0.92	39.83 2.15 -1.17	40.71 2.30 -1.25	42.30 2.28 -1.46	43.26 2.33 -1.52	45.91 2.78 -1.65	47.77 2.89 -1.76	53.05 2.78 -1.54	68.60 3.11 -2.01	65.13 2.63 -1.27	59.24 2.41 -0.70	49.01 1.28 -0.15	44.84 1.29 -0.64	41.58 1.87 0.00	37.50 1.82 0.00
BARRETT_IC_8 23711	35.93 1.51 0.00	33.62 1.04 -0.07	31.36 0.79 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.10 0.84 0.00	39.81 1.46 0.00	44.63 1.04 0.00	42.55 1.61 -0.62	40.93 2.05 -0.92	39.90 2.23 -1.17	40.74 2.34 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	45.29 2.16 -1.65	47.68 2.80 -1.76	53.05 2.78 -1.54	68.57 3.17 -1.92	65.13 2.69 -1.21	59.21 2.41 -0.67	49.05 1.33 -0.14	44.94 1.41 -0.61	41.83 2.10 -0.02	37.42 1.75 0.00
BARRETT_IC_9 23700	35.93 1.51 0.00	33.62 1.04 -0.07	31.36 0.79 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.10 0.84 0.00	39.81 1.46 0.00	44.63 1.04 0.00	42.55 1.61 -0.62	40.93 2.05 -0.92	39.90 2.23 -1.17	40.74 2.34 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	45.29 2.16 -1.65	47.68 2.80 -1.76	53.05 2.78 -1.54	68.57 3.17 -1.92	65.13 2.69 -1.21	59.21 2.41 -0.67	49.05 1.33 -0.14	44.94 1.41 -0.61	41.83 2.10 -0.02	37.42 1.75 0.00
BARRETT___1 23545	35.93 1.51 0.00	33.62 1.04 -0.07	31.36 0.79 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.10 0.84 0.00	39.81 1.46 0.00	44.63 1.04 0.00	42.55 1.61 -0.62	40.93 2.05 -0.92	39.90 2.23 -1.17	40.74 2.34 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	45.29 2.16 -1.65	47.68 2.80 -1.76	53.05 2.78 -1.54	68.57 3.17 -1.92	65.13 2.69 -1.21	59.21 2.41 -0.67	49.05 1.33 -0.14	44.94 1.41 -0.61	41.83 2.10 -0.02	37.42 1.75 0.00
BARRETT___2 23546	35.93 1.51 0.00	33.62 1.04 -0.07	31.36 0.79 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.10 0.84 0.00	39.81 1.46 0.00	44.63 1.04 0.00	42.55 1.61 -0.62	40.93 2.05 -0.92	39.90 2.23 -1.17	40.74 2.34 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	45.29 2.16 -1.65	47.68 2.80 -1.76	53.05 2.78 -1.54	68.57 3.17 -1.92	65.13 2.69 -1.21	59.21 2.41 -0.67	49.05 1.33 -0.14	44.94 1.41 -0.61	41.83 2.10 -0.02	37.42 1.75 0.00
BATAVIA__115KV_TB1 55881	34.49 0.07 0.00	33.00 0.49 0.00	31.42 0.55 -0.33	29.96 0.53 -0.24	29.84 0.64 -0.22	32.33 0.06 0.00	37.97 -0.38 0.00	42.47 -0.87 0.24	39.47 -0.85 0.00	37.09 -0.87 0.00	35.55 -0.95 0.00	36.04 -1.11 0.00	36.82 -1.27 0.47	38.43 -0.99 0.00	39.87 -1.29 0.32	41.09 -1.55 0.47	46.02 -1.90 0.81	59.84 -2.03 1.60	60.26 -0.92 0.05	55.68 -0.45 0.00	47.63 0.05 0.00	42.57 -0.34 0.00	39.91 0.20 0.00	35.96 0.29 0.00
BAYONEEC___CTG1 323682	35.93 1.51 0.00	33.72 1.14 -0.07	31.52 0.95 -0.03	29.95 0.76 0.00	29.68 0.69 0.00	33.26 1.00 0.00	40.11 1.77 0.00	45.55 1.96 0.00	43.07 2.14 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.42 3.28 -1.66	48.26 3.37 -1.77	53.79 3.51 -1.55	69.65 4.25 -1.92	66.05 3.61 -1.21	59.77 2.97 -0.67	50.06 2.33 -0.15	45.67 2.14 -0.61	41.87 2.14 -0.02	37.35 1.68 0.00
BAYONEEC___CTG10 323750	35.93 1.51 0.00	33.72 1.14 -0.07	31.52 0.95 -0.03	29.95 0.76 0.00	29.68 0.69 0.00	33.26 1.00 0.00	40.11 1.77 0.00	45.55 1.96 0.00	43.07 2.14 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.42 3.28 -1.66	48.26 3.37 -1.77	53.79 3.51 -1.55	69.65 4.25 -1.92	66.05 3.61 -1.21	59.77 2.97 -0.67	50.06 2.33 -0.15	45.67 2.14 -0.61	41.87 2.14 -0.02	37.35 1.68 0.00
BAYONEEC___CTG2 323683	35.93 1.51 0.00	33.72 1.14 -0.07	31.52 0.95 -0.03	29.95 0.76 0.00	29.68 0.69 0.00	33.26 1.00 0.00	40.11 1.77 0.00	45.55 1.96 0.00	43.07 2.14 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.42 3.28 -1.66	48.26 3.37 -1.77	53.79 3.51 -1.55	69.65 4.25 -1.92	66.05 3.61 -1.21	59.77 2.97 -0.67	50.06 2.33 -0.15	45.67 2.14 -0.61	41.87 2.14 -0.02	37.35 1.68 0.00
BAYONEEC___CTG3 323684	35.93 1.51 0.00	33.72 1.14 -0.07	31.52 0.95 -0.03	29.95 0.76 0.00	29.68 0.69 0.00	33.26 1.00 0.00	40.11 1.77 0.00	45.55 1.96 0.00	43.07 2.14 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.42 3.28 -1.66	48.26 3.37 -1.77	53.79 3.51 -1.55	69.65 4.25 -1.92	66.05 3.61 -1.21	59.77 2.97 -0.67	50.06 2.33 -0.15	45.67 2.14 -0.61	41.87 2.14 -0.02	37.35 1.68 0.00
BAYONEEC___CTG4 323685	35.93 1.51 0.00	33.72 1.14 -0.07	31.52 0.95 -0.03	29.95 0.76 0.00	29.68 0.69 0.00	33.26 1.00 0.00	40.11 1.77 0.00	45.55 1.96 0.00	43.07 2.14 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.42 3.28 -1.66	48.26 3.37 -1.77	53.79 3.51 -1.55	69.65 4.25 -1.92	66.05 3.61 -1.21	59.77 2.97 -0.67	50.06 2.33 -0.15	45.67 2.14 -0.61	41.87 2.14 -0.02	37.35 1.68 0.00
BAYONEEC___CTG5 323686	35.93 1.51 0.00	33.72 1.14 -0.07	31.52 0.95 -0.03	29.95 0.76 0.00	29.68 0.69 0.00	33.26 1.00 0.00	40.11 1.77 0.00	45.55 1.96 0.00	43.07 2.14 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.42 3.28 -1.66	48.26 3.37 -1.77	53.79 3.51 -1.55	69.65 4.25 -1.92	66.05 3.61 -1.21	59.77 2.97 -0.67	50.06 2.33 -0.15	45.67 2.14 -0.61	41.87 2.14 -0.02	37.35 1.68 0.00
BAYONEEC___CTG6 323687	35.93 1.51 0.00	33.72 1.14 -0.07	31.52 0.95 -0.03	29.95 0.76 0.00	29.68 0.69 0.00	33.26 1.00 0.00	40.11 1.77 0.00	45.55 1.96 0.00	43.07 2.14 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.42 3.28 -1.66	48.26 3.37 -1.77	53.79 3.51 -1.55	69.65 4.25 -1.92	66.05 3.61 -1.21	59.77 2.97 -0.67	50.06 2.33 -0.15	45.67 2.14 -0.61	41.87 2.14 -0.02	37.35 1.68 0.00
BAYONEEC___CTG7 323688	35.93 1.51 0.00	33.72 1.14 -0.07	31.52 0.95 -0.03	29.95 0.76 0.00	29.68 0.69 0.00	33.26 1.00 0.00	40.11 1.77 0.00	45.55 1.96 0.00	43.07 2.14 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.42 3.28 -1.66	48.26 3.37 -1.77	53.79 3.51 -1.55	69.65 4.25 -1.92	66.05 3.61 -1.21	59.77 2.97 -0.67	50.06 2.33 -0.15	45.67 2.14 -0.61	41.87 2.14 -0.02	37.35 1.68 0.00

BAYONEEC___CTG8 323689	35.93 1.51 0.00	33.72 1.14 -0.07	31.52 0.95 -0.03	29.95 0.76 0.00	29.68 0.69 0.00	33.26 1.00 0.00	40.11 1.77 0.00	45.55 1.96 0.00	43.07 2.14 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.42 3.28 -1.66	48.26 3.37 -1.77	53.79 3.51 -1.55	69.65 4.25 -1.92	66.05 3.61 -1.21	59.77 2.97 -0.67	50.06 2.33 -0.15	45.67 2.14 -0.61	41.87 2.14 -0.02	37.35 1.68 0.00
BAYONEEC___CTG9 323749	35.93 1.51 0.00	33.72 1.14 -0.07	31.52 0.95 -0.03	29.95 0.76 0.00	29.68 0.69 0.00	33.26 1.00 0.00	40.11 1.77 0.00	45.55 1.96 0.00	43.07 2.14 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.42 3.28 -1.66	48.26 3.37 -1.77	53.79 3.51 -1.55	69.65 4.25 -1.92	66.05 3.61 -1.21	59.77 2.97 -0.67	50.06 2.33 -0.15	45.67 2.14 -0.61	41.87 2.14 -0.02	37.35 1.68 0.00
BEACON___LESR 323632	34.69 0.27 0.00	32.55 0.10 0.06	30.67 0.15 0.02	29.31 0.12 0.00	29.07 0.09 0.00	32.55 0.29 0.00	38.65 0.31 0.00	43.98 0.39 0.00	40.14 0.28 0.46	37.51 0.23 0.68	35.74 0.11 0.87	36.35 0.11 0.92	37.60 0.12 1.08	38.26 -0.04 1.12	40.38 0.12 1.22	42.03 0.22 1.31	47.97 0.39 1.14	62.40 0.45 1.52	60.58 0.31 0.96	55.77 0.17 0.53	47.51 0.05 0.12	42.52 0.09 0.48	39.62 -0.08 0.01	35.75 0.07 0.00
BEAVER RIVER___HYD 24048	35.96 0.55 -1.00	34.36 0.49 -1.36	31.23 0.34 -0.35	32.56 0.35 -3.02	31.34 0.44 -1.91	39.55 0.55 -6.74	49.01 0.88 -9.78	51.17 1.09 -6.50	42.94 0.76 -1.86	38.26 0.30 0.00	36.76 0.26 0.00	42.04 0.22 -4.66	41.86 0.31 -2.99	41.83 0.20 -2.21	42.67 0.12 -1.06	43.46 0.22 -0.13	54.91 0.29 -5.89	64.11 0.63 0.00	62.53 1.10 -0.20	68.21 1.34 -10.74	61.24 1.19 -12.47	51.01 1.11 -6.98	40.66 0.95 0.00	36.35 0.68 0.00
BEEBEE_GT_13 23619	34.18 -0.24 0.00	32.51 0.00 0.00	30.92 0.06 -0.32	29.45 0.03 -0.23	29.29 0.09 -0.21	32.00 -0.26 0.00	37.70 -0.65 0.00	42.45 -0.87 0.26	39.51 -0.81 0.00	37.20 -0.76 0.00	35.73 -0.77 0.00	36.30 -0.85 0.00	37.05 -1.00 0.51	38.63 -0.79 0.00	40.09 -1.04 0.36	41.44 -1.16 0.52	46.43 -1.41 0.89	60.19 -1.52 1.76	60.31 -0.86 0.06	55.57 -0.56 0.00	47.34 -0.24 0.00	42.44 -0.47 0.00	39.55 -0.16 0.00	35.39 -0.29 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.31 1.89 0.00	34.01 1.43 -0.07	31.70 1.13 -0.03	30.16 0.96 0.00	29.89 0.90 0.00	33.42 1.16 0.00	40.34 1.99 0.00	45.89 2.31 0.00	43.52 2.58 -0.62	41.70 2.81 -0.93	40.56 2.88 -1.18	41.53 3.12 -1.25	43.27 3.24 -1.47	44.33 3.39 -1.52	47.01 3.86 -1.67	48.91 4.01 -1.78	54.43 4.14 -1.56	70.44 4.95 -2.02	66.85 4.35 -1.27	60.42 3.59 -0.70	50.59 2.85 -0.16	46.09 2.53 -0.65	42.33 2.62 0.00	37.85 2.18 0.00
BETHLEHEM___GRP 23843	34.21 -0.21 0.00	32.13 -0.33 0.05	30.21 -0.31 0.02	28.90 -0.29 0.00	28.76 -0.23 0.00	32.10 -0.16 0.00	38.04 -0.31 0.00	43.37 -0.22 0.00	39.68 -0.20 0.43	37.09 -0.23 0.64	35.47 -0.22 0.81	36.07 -0.22 0.86	37.28 -0.27 1.01	37.94 -0.43 1.05	40.08 -0.25 1.15	41.63 -0.26 1.22	47.36 -0.29 1.07	61.57 -0.51 1.40	59.67 -0.67 0.88	54.97 -0.67 0.48	46.76 -0.71 0.11	41.92 -0.56 0.44	39.04 -0.68 0.00	35.36 -0.32 0.00
BETHLEHEM___GS1 323560	34.25 -0.17 0.00	32.16 -0.29 0.05	30.30 -0.21 0.02	28.93 -0.26 0.00	28.73 -0.26 0.00	32.13 -0.13 0.00	38.12 -0.23 0.00	43.41 -0.17 0.00	39.72 -0.16 0.43	37.17 -0.15 0.64	35.47 -0.22 0.81	36.07 -0.22 0.86	37.29 -0.27 1.01	37.98 -0.39 1.05	40.08 -0.25 1.15	41.64 -0.26 1.22	47.36 -0.29 1.07	61.60 -0.44 1.43	59.72 -0.61 0.90	54.96 -0.67 0.49	46.80 -0.67 0.11	41.90 -0.56 0.45	39.10 -0.59 0.01	35.28 -0.39 0.00
BETHLEHEM___GS2 323561	34.25 -0.17 0.00	32.16 -0.29 0.05	30.30 -0.21 0.02	28.93 -0.26 0.00	28.73 -0.26 0.00	32.13 -0.13 0.00	38.12 -0.23 0.00	43.41 -0.17 0.00	39.72 -0.16 0.43	37.17 -0.15 0.64	35.47 -0.22 0.81	36.07 -0.22 0.86	37.29 -0.27 1.01	37.98 -0.39 1.05	40.08 -0.25 1.15	41.64 -0.26 1.22	47.36 -0.29 1.07	61.60 -0.44 1.43	59.72 -0.61 0.90	54.96 -0.67 0.49	46.80 -0.67 0.11	41.90 -0.56 0.45	39.10 -0.59 0.01	35.28 -0.39 0.00
BETHLEHEM___GS3 323562	34.25 -0.17 0.00	32.16 -0.29 0.05	30.30 -0.21 0.02	28.93 -0.26 0.00	28.73 -0.26 0.00	32.13 -0.13 0.00	38.12 -0.23 0.00	43.41 -0.17 0.00	39.72 -0.16 0.43	37.17 -0.15 0.64	35.47 -0.22 0.81	36.07 -0.22 0.86	37.29 -0.27 1.01	37.98 -0.39 1.05	40.08 -0.25 1.15	41.64 -0.26 1.22	47.36 -0.29 1.07	61.60 -0.44 1.43	59.72 -0.61 0.90	54.96 -0.67 0.49	46.80 -0.67 0.11	41.90 -0.56 0.45	39.10 -0.59 0.01	35.28 -0.39 0.00
BETHLEHEM___STEEL 23779	33.66 -0.76 0.00	32.25 -0.26 0.00	30.76 -0.12 -0.34	29.35 -0.09 -0.25	29.15 -0.06 -0.22	31.55 -0.71 0.00	37.01 -1.34 0.00	41.15 -2.22 0.22	38.42 -1.89 0.00	36.17 -1.78 0.00	34.82 -1.68 0.00	35.26 -1.89 0.00	36.29 -1.85 0.42	37.72 -1.70 0.00	39.32 -1.87 0.29	40.41 -2.29 0.42	45.08 -2.92 0.72	58.29 -3.74 1.44	58.30 -2.88 0.05	53.77 -2.36 0.00	46.34 -1.24 0.00	41.41 -1.50 0.00	38.84 -0.87 0.00	35.00 -0.68 0.00
BETHLHEM_115KV_TB1 79974	34.32 -0.10 0.00	32.23 -0.23 0.05	30.30 -0.21 0.02	29.02 -0.18 0.00	28.84 -0.14 0.00	32.20 -0.06 0.00	38.16 -0.19 0.00	43.50 -0.09 0.00	39.83 -0.08 0.41	37.24 -0.11 0.60	35.63 -0.11 0.76	36.23 -0.11 0.81	37.50 -0.12 0.95	38.16 -0.28 0.99	40.27 -0.12 1.08	41.88 -0.09 1.15	47.62 -0.10 1.01	61.84 -0.32 1.31	59.91 -0.49 0.83	55.17 -0.51 0.45	46.95 -0.52 0.10	42.07 -0.43 0.42	39.19 -0.52 0.00	35.46 -0.21 0.00
BETHPAGE_CC_5 323564	36.00 1.58 0.00	33.59 1.01 -0.07	31.33 0.76 -0.03	29.72 0.53 0.00	29.45 0.46 0.00	33.07 0.81 0.00	39.73 1.38 0.00	44.59 1.00 0.00	42.51 1.57 -0.62	40.89 2.01 -0.92	39.90 2.23 -1.17	40.74 2.34 -1.25	42.42 2.39 -1.46	43.38 2.44 -1.52	45.25 2.11 -1.65	47.60 2.72 -1.76	53.00 2.73 -1.54	68.51 3.11 -1.92	65.01 2.57 -1.21	59.15 2.36 -0.67	48.95 1.23 -0.14	44.94 1.41 -0.61	41.91 2.18 -0.02	37.46 1.78 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.66 -0.76 0.00	32.22 -0.29 0.00	30.76 -0.12 -0.35	29.32 -0.12 -0.25	29.13 -0.09 -0.23	31.55 -0.71 0.00	37.04 -1.30 0.00	41.19 -2.18 0.21	38.46 -1.85 0.00	36.21 -1.75 0.00	34.86 -1.64 0.00	35.30 -1.86 0.00	36.37 -1.77 0.42	37.80 -1.62 0.00	39.41 -1.78 0.29	40.45 -2.24 0.42	45.14 -2.87 0.71	58.43 -3.62 1.43	58.42 -2.76 0.05	53.88 -2.25 0.00	46.39 -1.19 0.00	41.46 -1.46 0.00	38.88 -0.83 0.00	35.00 -0.68 0.00
BINGHAMTON___COGEN 23790	34.38 -0.03 0.00	32.57 0.07 0.00	31.11 0.15 -0.42	29.64 0.15 -0.30	29.38 0.12 -0.27	32.26 0.00 0.00	38.27 -0.08 0.00	43.31 -0.22 0.05	40.11 -0.20 0.00	37.69 -0.27 0.00	36.28 -0.22 0.00	36.90 -0.26 0.00	38.26 -0.19 0.11	39.30 -0.12 0.00	41.24 -0.17 0.07	42.84 -0.17 0.11	48.24 -0.29 0.19	62.91 -0.19 0.37	61.28 0.06 0.01	56.30 0.17 0.00	47.91 0.33 0.00	43.04 0.13 0.00	39.95 0.24 0.00	35.75 0.07 0.00

BIXINCNT_115KV_LOAD 355685	33.56 -0.86 0.00	32.15 -0.36 0.00	30.71 -0.18 -0.35	29.33 -0.12 -0.25	29.10 -0.12 -0.23	31.62 -0.65 0.00	37.31 -1.04 0.00	41.55 -1.83 0.21	38.78 -1.53 0.00	36.44 -1.52 0.00	35.08 -1.42 0.00	35.52 -1.63 0.00	36.70 -1.47 0.40	38.12 -1.30 0.00	39.75 -1.45 0.28	40.77 -1.94 0.41	45.56 -2.49 0.68	59.05 -3.05 1.38	58.92 -2.27 0.05	54.16 -1.96 0.00	46.58 -1.00 0.00	41.54 -1.37 0.00	38.92 -0.79 0.00	34.93 -0.75 0.00
BLACK RIVER___HYD 24047	35.97 0.86 -0.69	34.26 0.81 -0.94	31.72 0.61 -0.57	32.12 0.61 -2.31	31.24 0.72 -1.53	37.75 0.84 -4.65	46.40 1.30 -6.74	49.68 1.61 -4.48	42.77 1.17 -1.28	38.49 0.53 0.00	36.90 0.40 0.00	40.75 0.37 -3.22	41.09 0.46 -2.06	41.26 0.31 -1.53	42.42 0.21 -0.73	43.59 0.39 -0.09	53.38 0.59 -4.06	64.48 1.01 0.00	63.08 1.71 -0.14	65.67 2.13 -7.41	58.09 1.91 -8.60	49.45 1.72 -4.82	41.18 1.47 0.00	36.75 1.07 0.00
BLACKRVR_115KV_TB2 79977	35.97 0.86 -0.69	34.29 0.85 -0.94	31.78 0.67 -0.57	32.12 0.61 -2.31	31.27 0.75 -1.53	37.78 0.87 -4.65	46.43 1.34 -6.74	49.72 1.66 -4.48	42.81 1.21 -1.28	38.57 0.61 0.00	36.94 0.44 0.00	40.75 0.37 -3.22	41.09 0.46 -2.06	41.26 0.32 -1.53	42.42 0.21 -0.73	43.59 0.39 -0.09	53.37 0.58 -4.06	64.55 1.08 0.00	63.14 1.78 -0.14	65.67 2.13 -7.41	58.13 1.95 -8.60	49.45 1.72 -4.82	41.22 1.51 0.00	36.71 1.03 0.00
BLDWN_LI_69_KV_BK4 356085	36.17 1.76 0.00	33.79 1.20 -0.07	31.40 0.82 -0.03	29.86 0.67 0.00	29.57 0.58 0.00	33.20 0.94 0.00	39.96 1.61 0.00	45.28 1.70 0.00	42.79 1.85 -0.62	41.08 2.20 -0.92	40.08 2.41 -1.17	40.97 2.56 -1.25	42.61 2.58 -1.46	43.58 2.64 -1.52	46.24 3.11 -1.65	48.11 3.23 -1.76	53.54 3.26 -1.54	69.23 3.74 -2.01	65.74 3.24 -1.27	59.86 3.03 -0.70	49.49 1.76 -0.15	45.23 1.67 -0.64	41.93 2.22 0.00	37.75 2.07 0.00
BLISS_WT_PWR 323608	33.39 -1.03 0.00	31.96 -0.55 0.00	30.28 -0.61 -0.35	29.21 -0.23 -0.25	28.75 -0.46 -0.23	31.39 -0.87 0.00	36.81 -1.54 0.00	41.24 -2.13 0.21	38.42 -1.89 0.00	35.76 -2.20 0.00	34.53 -1.97 0.00	35.48 -1.67 0.00	36.62 -1.54 0.40	38.08 -1.34 0.00	39.75 -1.45 0.28	40.81 -1.90 0.41	45.57 -2.48 0.68	58.60 -3.49 1.38	58.73 -2.45 0.05	54.16 -1.97 0.00	46.39 -1.19 0.00	41.37 -1.54 0.00	38.60 -1.11 0.00	35.32 -0.36 0.00
BLUESTONE___WT_PWR 323821	35.59 1.17 0.00	33.71 1.20 0.00	31.94 1.04 -0.36	30.47 1.02 -0.26	30.30 1.07 -0.24	33.39 1.13 0.00	39.77 1.42 0.00	45.28 1.70 0.00	41.68 1.37 0.00	38.76 0.80 0.00	37.19 0.69 0.00	37.83 0.67 0.00	39.38 0.81 0.00	40.13 0.71 0.00	42.14 0.66 0.00	43.93 0.82 0.00	49.85 1.12 0.00	65.37 1.90 0.00	63.74 2.51 0.00	58.88 2.75 0.00	50.10 2.52 0.00	44.98 2.06 0.00	41.58 1.87 0.00	37.14 1.46 0.00
BLUE_CIRC_CHEM_DRP 24182	34.76 0.34 0.00	32.74 0.26 0.03	30.77 0.24 0.01	29.43 0.23 0.00	29.22 0.23 0.00	32.58 0.32 0.00	38.62 0.27 0.00	43.93 0.35 0.00	40.24 0.20 0.27	37.67 0.11 0.41	36.02 0.04 0.52	36.64 0.04 0.55	37.92 0.00 0.64	38.55 -0.20 0.67	40.67 -0.08 0.73	42.30 -0.04 0.78	47.27 -0.78 0.68	61.57 -1.02 0.89	59.63 -1.04 0.56	54.81 -1.01 0.31	46.56 -0.95 0.07	41.86 -0.77 0.28	38.88 -0.83 0.00	35.21 -0.46 0.00
BOC_GAS_DRP 24189	34.62 0.21 0.00	32.61 0.13 0.03	30.62 0.09 0.01	29.31 0.12 0.00	29.07 0.09 0.00	32.42 0.16 0.00	38.54 0.19 0.00	43.85 0.26 0.00	40.29 0.24 0.26	37.83 0.27 0.39	36.26 0.26 0.50	36.92 0.30 0.53	38.25 0.31 0.62	38.97 0.20 0.64	41.11 0.33 0.70	42.71 0.34 0.75	48.36 0.29 0.66	62.87 0.25 0.85	60.75 0.06 0.54	55.78 -0.06 0.30	47.42 -0.10 0.07	42.64 0.00 0.27	39.63 -0.08 0.00	35.78 0.11 0.00
BOONVILLE_115KV_TB1 79983	35.32 0.52 -0.38	33.52 0.49 -0.52	31.14 0.40 -0.20	30.78 0.38 -1.21	30.20 0.43 -0.78	35.37 0.52 -2.60	42.88 0.77 -3.76	47.04 0.96 -2.50	41.75 0.73 -0.72	38.38 0.42 0.00	36.83 0.33 0.00	39.29 0.33 -1.80	40.14 0.42 -1.15	40.63 0.35 -0.85	42.18 0.29 -0.41	43.56 0.39 -0.05	51.46 0.49 -2.25	64.23 0.76 0.00	62.41 1.10 -0.08	61.46 1.23 -4.10	53.43 1.09 -4.76	46.52 0.94 -2.66	40.50 0.79 0.00	36.25 0.57 0.00
BORALEX_4TH_BRANCH 23824	35.21 0.79 0.00	32.90 0.55 0.16	30.93 0.46 0.07	29.69 0.50 0.00	29.45 0.46 0.00	32.97 0.71 0.00	39.31 0.96 0.00	44.72 1.13 0.00	39.98 1.01 1.34	36.92 0.95 1.99	34.92 0.95 2.53	35.51 1.04 2.69	36.50 1.08 3.15	37.25 1.10 3.27	39.23 1.33 3.57	40.73 1.42 3.81	47.00 1.61 3.34	61.16 2.03 4.35	60.21 1.71 2.73	56.03 1.40 1.50	48.34 1.09 0.33	42.57 1.03 1.38	40.43 0.71 0.00	36.39 0.71 0.00
BOWLINE___1 23526	35.35 0.93 0.00	33.26 0.68 -0.07	31.15 0.58 -0.03	29.63 0.44 0.00	29.36 0.38 0.00	32.91 0.64 0.00	39.54 1.19 0.00	44.94 1.35 0.00	42.29 1.41 -0.57	40.47 1.67 -0.85	39.29 1.72 -1.07	40.12 1.82 -1.14	41.91 2.00 -1.34	42.86 2.05 -1.39	45.36 2.36 -1.52	47.20 2.46 -1.62	52.78 2.63 -1.42	68.47 3.24 -1.77	65.10 2.76 -1.11	58.99 2.25 -0.61	49.47 1.76 -0.14	45.06 1.59 -0.56	41.20 1.47 -0.02	36.78 1.11 0.00
BOWLINE___2 23595	35.35 0.93 0.00	33.23 0.65 -0.07	31.15 0.58 -0.03	29.63 0.44 0.00	29.34 0.35 0.00	32.91 0.64 0.00	39.50 1.15 0.00	44.94 1.35 0.00	42.29 1.41 -0.57	40.47 1.67 -0.85	39.26 1.68 -1.07	40.12 1.82 -1.14	41.87 1.97 -1.34	42.86 2.05 -1.39	45.36 2.36 -1.52	47.20 2.46 -1.62	52.78 2.63 -1.42	68.47 3.24 -1.77	65.09 2.76 -1.11	58.93 2.19 -0.61	49.47 1.76 -0.14	45.02 1.54 -0.56	41.20 1.47 -0.02	36.78 1.11 0.00
BRADY___115KV_TB2 356060	38.80 0.93 -3.45	38.13 0.91 -4.71	31.33 0.79 0.00	39.54 0.76 -9.58	35.63 0.81 -5.83	56.52 0.94 -23.32	73.36 1.19 -33.82	67.41 1.35 -22.47	47.92 1.17 -6.44	38.95 0.99 0.00	37.41 0.91 0.00	54.15 0.85 -16.14	49.70 0.81 -10.33	47.86 0.79 -7.65	45.82 0.66 -3.67	44.25 0.69 -0.44	70.26 1.12 -20.41	65.06 1.59 0.00	63.65 1.71 -0.71	94.99 1.63 -37.23	92.21 1.38 -43.25	68.41 1.29 -24.21	40.86 1.15 0.00	36.71 1.03 0.00
BRANSCOMB___SOLAR 323811	35.28 0.86 0.00	33.11 0.68 0.08	31.23 0.73 0.04	29.87 0.67 0.00	29.57 0.58 0.00	33.13 0.87 0.00	39.38 1.04 0.00	44.63 1.04 0.00	40.23 0.61 0.68	37.28 0.34 1.01	35.32 0.11 1.29	35.90 0.11 1.37	37.04 0.08 1.60	37.91 0.16 1.67	39.91 0.25 1.82	41.61 0.43 1.94	48.05 1.02 1.70	62.74 1.39 2.13	61.30 1.41 1.34	56.80 1.40 0.73	48.42 1.00 0.16	43.23 0.99 0.67	40.49 0.79 0.02	36.32 0.64 0.00
BRDGHMPT_69_KV_BK1 55812	36.14 1.72 0.00	33.59 1.01 -0.07	31.12 0.55 -0.03	29.54 0.35 0.00	29.28 0.29 0.00	32.97 0.71 0.00	39.77 1.42 0.00	45.28 1.70 0.00	42.87 1.93 -0.62	41.31 2.43 -0.92	40.45 2.77 -1.17	41.34 2.94 -1.25	43.11 3.09 -1.46	43.81 2.88 -1.52	46.33 3.19 -1.65	48.16 3.28 -1.76	53.63 3.36 -1.54	69.10 3.62 -2.01	66.10 3.61 -1.27	60.53 3.70 -0.70	49.68 1.95 -0.15	45.36 1.80 -0.64	41.85 2.14 0.00	37.75 2.07 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	36.35 1.93 0.00	33.88 1.30 -0.07	31.46 0.89 -0.03	29.89 0.70 0.00	29.60 0.61 0.00	33.26 1.00 0.00	40.15 1.80 0.00	45.55 1.96 0.00	43.07 2.14 -0.62	41.39 2.51 -0.92	40.41 2.74 -1.17	41.23 2.82 -1.25	42.80 2.78 -1.46	43.77 2.84 -1.52	46.24 3.11 -1.65	48.03 3.15 -1.76	53.49 3.22 -1.54	69.10 3.62 -2.01	65.61 3.12 -1.27	59.86 3.03 -0.70	49.34 1.62 -0.15	45.27 1.72 -0.64	42.17 2.46 0.00	38.00 2.32 0.00
BRISTLHL_115KV_TB1 79998	33.99 -0.52 -0.09	32.17 -0.46 -0.12	31.33 -0.40 -1.19	29.91 -0.38 -1.09	29.54 -0.38 -0.92	32.34 -0.52 -0.59	38.56 -0.65 -0.86	43.59 -0.74 -0.75	39.40 -1.09 -0.18	36.90 -1.06 0.00	35.52 -0.99 0.00	36.56 -1.04 -0.45	38.56 -1.08 -1.08	38.57 -1.06 -0.21	40.97 -1.16 -0.65	42.72 -1.21 -0.81	49.14 -1.51 -1.93	63.30 -1.33 -1.16	60.18 -1.10 -0.06	56.23 -0.84 -0.95	48.01 -0.67 -1.10	42.84 -0.69 -0.62	39.19 -0.52 0.00	35.11 -0.57 0.00
BROOKHAVEN___DRP 24191	35.83 1.41 0.00	33.40 0.81 -0.07	30.97 0.40 -0.03	29.40 0.20 0.00	29.10 0.12 0.00	32.75 0.48 0.00	39.54 1.19 0.00	44.94 1.35 0.00	42.47 1.53 -0.62	40.82 1.94 -0.92	39.86 2.19 -1.17	40.63 2.23 -1.25	42.26 2.24 -1.46	43.14 2.21 -1.52	45.62 2.49 -1.65	47.38 2.50 -1.76	52.81 2.53 -1.54	68.15 2.67 -2.01	64.82 2.33 -1.27	59.24 2.41 -0.70	48.77 1.05 -0.15	44.71 1.16 -0.64	41.54 1.83 0.00	37.46 1.78 0.00
BROOKLYN_NAVY_YARD 23515	35.86 1.45 0.00	33.65 1.07 -0.07	31.46 0.89 -0.03	29.89 0.70 0.00	29.62 0.64 0.00	33.23 0.97 0.00	40.08 1.73 0.00	45.50 1.92 0.00	42.99 2.05 -0.62	41.31 2.43 -0.92	40.12 2.45 -1.17	41.04 2.64 -1.25	42.76 2.74 -1.46	43.78 2.84 -1.52	46.38 3.24 -1.66	48.26 3.37 -1.77	53.84 3.56 -1.55	69.71 4.32 -1.92	66.11 3.67 -1.21	59.77 2.97 -0.67	50.06 2.33 -0.15	45.63 2.10 -0.61	41.83 2.10 -0.02	37.32 1.64 0.00
BROOKLYN___ARMY_DRP 323595	36.17 1.76 0.00	33.88 1.30 -0.07	31.58 1.01 -0.03	30.07 0.88 0.00	29.77 0.78 0.00	33.29 1.03 0.00	40.19 1.84 0.00	45.72 2.14 0.00	43.31 2.38 -0.62	41.55 2.66 -0.93	40.38 2.70 -1.18	41.35 2.94 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.76 3.61 -1.67	48.65 3.75 -1.78	54.14 3.85 -1.56	70.06 4.57 -2.02	66.48 3.98 -1.27	60.08 3.26 -0.70	50.36 2.62 -0.16	45.88 2.32 -0.65	42.13 2.42 0.00	37.71 2.03 0.00
BROOME_2_LFGE 323671	34.35 -0.07 0.00	32.51 0.00 0.00	30.99 0.03 -0.42	29.61 0.12 -0.30	29.32 0.06 -0.27	32.20 -0.06 0.00	38.12 -0.23 0.00	43.23 -0.28 0.05	40.03 -0.28 0.00	37.54 -0.42 0.00	36.17 -0.33 0.00	36.90 -0.26 0.00	38.27 -0.19 0.11	39.30 -0.12 0.00	41.24 -0.17 0.07	42.84 -0.17 0.11	48.24 -0.29 0.19	62.85 -0.25 0.37	61.28 0.06 0.01	56.30 0.17 0.00	47.91 0.34 0.00	43.04 0.13 0.00	39.87 0.16 0.00	35.86 0.18 0.00
BROOME___LFGE 323600	34.35 -0.07 0.00	32.51 0.00 0.00	30.99 0.03 -0.42	29.61 0.12 -0.30	29.32 0.06 -0.27	32.20 -0.06 0.00	38.12 -0.23 0.00	43.23 -0.30 0.05	40.03 -0.28 0.00	37.54 -0.42 0.00	36.17 -0.33 0.00	36.90 -0.26 0.00	38.27 -0.19 0.11	39.30 -0.12 0.00	41.24 -0.17 0.07	42.84 -0.17 0.11	48.24 -0.29 0.19	62.85 -0.25 0.37	61.28 0.06 0.01	56.30 0.17 0.00	47.91 0.34 0.00	43.04 0.13 0.00	39.87 0.16 0.00	35.86 0.18 0.00
BROWNFLS_115KV_TB 3_5 80003	36.87 0.65 -1.79	35.58 0.62 -2.45	31.27 0.49 -0.25	34.85 0.50 -5.16	32.73 0.55 -3.19	45.08 0.68 -12.14	56.91 0.96 -17.60	56.46 1.18 -11.70	44.59 0.93 -3.35	38.57 0.61 0.00	37.05 0.55 0.00	46.04 0.48 -8.40	44.48 0.54 -5.38	43.83 0.43 -3.98	43.72 0.33 -1.91	43.74 0.39 -0.23	59.93 0.58 -10.61	64.36 0.89 0.00	62.82 1.22 -0.37	76.78 1.29 -19.36	71.21 1.14 -22.49	56.62 1.12 -12.59	40.66 0.95 0.00	36.43 0.75 0.00
BROWNSV1_27_KV_LOAD 356125	36.21 1.79 0.00	33.95 1.37 -0.07	31.67 1.10 -0.03	30.19 0.99 0.00	29.92 0.93 0.00	33.49 1.23 0.00	40.42 2.07 0.00	45.94 2.35 0.00	43.43 2.50 -0.62	41.58 2.70 -0.92	40.41 2.74 -1.17	41.41 3.01 -1.25	43.15 3.12 -1.46	44.17 3.23 -1.52	46.83 3.69 -1.66	48.73 3.84 -1.77	54.37 4.09 -1.55	70.37 4.89 -2.01	66.78 4.29 -1.27	60.42 3.59 -0.70	50.54 2.81 -0.15	46.04 2.49 -0.64	42.13 2.42 0.00	37.75 2.07 0.00
BURROWS___LYONSDAL 23803	35.40 0.48 -0.50	33.65 0.46 -0.69	31.10 0.34 -0.23	31.08 0.32 -1.56	30.40 0.41 -1.00	36.15 0.48 -3.41	44.06 0.77 -4.94	47.83 0.96 -3.28	41.94 0.69 -0.94	38.30 0.34 0.00	36.76 0.26 0.00	39.78 0.26 -2.36	40.42 0.35 -1.51	40.81 0.28 -1.12	42.27 0.25 -0.54	43.48 0.30 -0.06	52.08 0.39 -2.96	64.17 0.70 0.00	62.37 1.04 -0.10	62.76 1.23 -5.40	54.94 1.09 -6.27	47.37 0.94 -3.51	40.50 0.79 0.00	36.21 0.54 0.00
CAITHNESS_CC_1 323624	35.80 1.38 0.00	33.33 0.75 -0.07	31.06 0.49 -0.03	29.40 0.21 0.00	29.13 0.15 0.00	32.78 0.51 0.00	39.58 1.23 0.00	44.50 0.92 0.00	42.47 1.53 -0.62	40.89 2.01 -0.92	39.90 2.23 -1.17	40.63 2.23 -1.25	42.34 2.31 -1.46	43.26 2.33 -1.52	44.91 1.78 -1.65	47.25 2.37 -1.76	52.76 2.48 -1.54	68.06 2.67 -1.92	64.76 2.33 -1.21	59.15 2.36 -0.67	48.72 1.00 -0.14	44.86 1.33 -0.61	41.79 2.06 -0.02	37.39 1.71 0.00
CALPINE BETH_PAGE_GT4 24209	36.10 1.69 0.00	33.69 1.11 -0.07	31.30 0.73 -0.03	29.78 0.58 0.00	29.51 0.52 0.00	33.10 0.84 0.00	39.77 1.42 0.00	44.94 1.35 0.00	42.47 1.53 -0.62	40.78 1.90 -0.92	39.79 2.12 -1.17	40.67 2.27 -1.25	42.30 2.28 -1.46	43.26 2.33 -1.52	45.83 2.70 -1.65	47.64 2.76 -1.76	53.00 2.73 -1.54	68.53 3.05 -2.01	65.00 2.51 -1.27	59.18 2.36 -0.70	48.91 1.19 -0.15	44.75 1.20 -0.64	41.70 1.99 0.00	37.53 1.86 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.07 1.65 0.00	33.65 1.07 -0.07	31.40 0.82 -0.03	29.78 0.58 0.00	29.48 0.49 0.00	33.13 0.87 0.00	39.81 1.46 0.00	44.54 0.96 0.00	42.47 1.53 -0.62	40.85 1.97 -0.92	39.86 2.19 -1.17	40.71 2.30 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	45.25 2.11 -1.65	47.60 2.72 -1.76	53.00 2.73 -1.54	68.51 3.11 -1.92	65.01 2.57 -1.21	59.15 2.36 -0.67	48.95 1.23 -0.14	44.90 1.37 -0.61	41.95 2.22 -0.02	37.46 1.78 0.00
CALPINE_BP_GT1 23823	36.07 1.65 0.00	33.65 1.07 -0.07	31.40 0.82 -0.03	29.78 0.58 0.00	29.48 0.49 0.00	33.13 0.87 0.00	39.81 1.46 0.00	44.54 0.96 0.00	42.47 1.53 -0.62	40.85 1.97 -0.92	39.86 2.19 -1.17	40.71 2.30 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	45.25 2.11 -1.65	47.60 2.72 -1.76	53.00 2.73 -1.54	68.51 3.11 -1.92	65.01 2.57 -1.21	59.15 2.36 -0.67	48.95 1.23 -0.14	44.90 1.37 -0.61	41.95 2.22 -0.02	37.46 1.78 0.00
CALSPAN___DRP 24200	33.66 -0.76 0.00	32.25 -0.26 0.00	30.76 -0.12 -0.34	29.35 -0.09 -0.25	29.15 -0.06 -0.22	31.55 -0.71 0.00	37.01 -1.34 0.00	41.15 -2.22 0.22	38.42 -1.89 0.00	36.17 -1.78 0.00	34.82 -1.68 0.00	35.26 -1.89 0.00	36.29 -1.85 0.42	37.72 -1.70 0.00	39.32 -1.87 0.29	40.41 -2.29 0.42	45.08 -2.92 0.72	58.29 -3.74 1.44	58.30 -2.88 0.05	53.77 -2.36 0.00	46.34 -1.24 0.00	41.41 -1.50 0.00	38.84 -0.87 0.00	35.00 -0.68 0.00

CALVERTON___SOLAR 323806	35.83 1.41 0.00	33.36 0.78 -0.07	31.06 0.49 -0.03	29.40 0.21 0.00	29.13 0.15 0.00	32.78 0.51 0.00	39.61 1.26 0.00	44.50 0.92 0.00	42.51 1.57 -0.62	40.89 2.01 -0.92	39.94 2.26 -1.17	40.67 2.27 -1.25	42.42 2.39 -1.46	43.30 2.37 -1.52	44.95 1.82 -1.65	47.38 2.50 -1.76	52.90 2.63 -1.54	68.26 2.86 -1.92	65.01 2.57 -1.21	59.38 2.58 -0.67	48.91 1.19 -0.14	44.94 1.41 -0.61	41.87 2.14 -0.02	37.42 1.75 0.00
CANDIGU_WT_PWR 323617	34.01 -0.41 0.00	32.28 -0.23 0.00	30.73 -0.21 -0.41	29.48 0.00 -0.29	29.08 -0.17 -0.27	31.84 -0.42 0.00	37.47 -0.88 0.00	42.18 -1.27 0.14	39.10 -1.21 0.00	36.48 -1.48 0.00	35.15 -1.35 0.00	35.85 -1.30 0.00	37.06 -1.24 0.26	38.36 -1.06 0.00	40.05 -1.24 0.18	41.47 -1.38 0.27	46.51 -1.75 0.47	60.41 -2.16 0.90	60.10 -1.10 0.03	55.57 -0.56 0.00	47.44 -0.14 0.00	42.40 -0.51 0.00	39.39 -0.32 0.00	35.71 0.04 0.00
CARR STREET_E_SYR 24060	34.15 -0.34 -0.08	32.29 -0.33 -0.10	30.86 -0.28 -0.59	29.59 -0.23 -0.63	29.24 -0.26 -0.51	32.32 -0.45 -0.51	38.36 -0.73 -0.74	43.20 -0.78 -0.39	39.69 -0.77 -0.14	37.16 -0.80 0.00	35.77 -0.73 0.00	36.80 -0.71 -0.35	37.84 -0.73 -0.01	38.88 -0.71 -0.17	40.58 -0.83 0.07	42.09 -0.82 0.21	47.75 -1.03 -0.05	61.53 -1.27 0.67	60.18 -1.04 0.01	56.14 -0.79 -0.80	47.89 -0.62 -0.93	42.79 -0.64 -0.52	39.15 -0.56 0.00	35.14 -0.53 0.00
CARTHAGE___PAPER 23857	35.91 0.69 -0.81	34.26 0.65 -1.10	31.51 0.49 -0.48	32.25 0.47 -2.59	31.25 0.58 -1.68	38.43 0.71 -5.46	47.38 1.11 -7.92	50.24 1.39 -5.26	42.78 0.97 -1.51	38.42 0.46 0.00	36.83 0.33 0.00	41.23 0.30 -3.78	41.37 0.39 -2.42	41.49 0.28 -1.79	42.51 0.17 -0.86	43.53 0.30 -0.10	53.98 0.49 -4.77	64.36 0.89 0.00	62.86 1.47 -0.16	66.56 1.74 -8.69	59.25 1.57 -10.10	49.98 1.41 -5.65	40.94 1.23 0.00	36.53 0.85 0.00
CASSADAGA_WT_PWR 323784	34.14 -0.28 0.00	32.54 0.03 0.00	30.77 -0.12 -0.35	29.70 0.26 -0.25	29.27 0.06 -0.23	31.97 -0.29 0.00	37.47 -0.88 0.00	42.07 -1.31 0.21	39.10 -1.21 0.00	36.37 -1.59 0.00	35.19 -1.31 0.00	36.15 -1.00 0.00	37.35 -0.81 0.40	38.79 -0.63 0.00	40.49 -0.71 0.28	41.55 -1.16 0.41	46.48 -1.56 0.68	59.86 -2.22 1.39	59.96 -1.22 0.05	55.29 -0.84 0.00	47.25 -0.33 0.00	42.27 -0.64 0.00	39.39 -0.32 0.00	35.64 -0.04 0.00
CE_DUNWOOD___DRP 24194	35.69 1.27 0.00	33.53 0.94 -0.07	31.30 0.73 -0.03	29.86 0.67 0.00	29.57 0.58 0.00	33.13 0.87 0.00	39.84 1.50 0.00	45.33 1.74 0.00	42.79 1.85 -0.62	40.93 2.05 -0.92	39.75 2.08 -1.17	40.67 2.27 -1.24	42.41 2.39 -1.46	43.42 2.48 -1.51	45.96 2.82 -1.66	47.82 2.93 -1.77	53.39 3.12 -1.55	69.16 3.68 -2.01	65.67 3.18 -1.26	59.46 2.64 -0.70	49.78 2.05 -0.15	45.40 1.85 -0.64	41.46 1.75 0.00	37.17 1.50 0.00
CE_MILLWOOD___DRP 24193	35.62 1.20 0.00	33.46 0.88 -0.07	31.24 0.67 -0.03	29.81 0.61 0.00	29.51 0.52 0.00	33.07 0.81 0.00	39.77 1.42 0.00	45.24 1.66 0.00	42.67 1.73 -0.62	40.81 1.94 -0.92	39.64 1.97 -1.17	40.55 2.16 -1.24	42.29 2.28 -1.45	43.30 2.37 -1.51	45.83 2.70 -1.65	47.64 2.76 -1.76	53.20 2.92 -1.54	68.97 3.49 -2.01	65.49 3.00 -1.26	59.29 2.47 -0.69	49.63 1.90 -0.15	45.27 1.72 -0.64	41.34 1.63 0.00	37.07 1.39 0.00
CE_NYC2_DRP 24202	36.00 1.58 0.00	33.75 1.17 -0.07	31.46 0.89 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.20 0.94 0.00	40.04 1.69 0.00	45.50 1.92 0.00	43.11 2.18 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.11 2.71 -1.25	42.84 2.82 -1.46	43.85 2.92 -1.52	46.50 3.36 -1.66	48.38 3.49 -1.77	53.84 3.56 -1.55	69.67 4.19 -2.01	66.04 3.55 -1.27	59.69 2.86 -0.70	50.02 2.28 -0.15	45.57 2.02 -0.64	41.89 2.18 0.00	37.50 1.82 0.00
CE_NYC_DRP 24195	35.97 1.55 0.00	33.75 1.17 -0.07	31.49 0.92 -0.03	30.04 0.85 0.00	29.74 0.75 0.00	33.29 1.03 0.00	40.15 1.80 0.00	45.63 2.05 0.00	43.11 2.18 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.11 2.71 -1.25	42.84 2.82 -1.46	43.85 2.92 -1.52	46.50 3.36 -1.66	48.34 3.45 -1.77	53.94 3.65 -1.55	69.80 4.32 -2.01	66.17 3.67 -1.27	59.91 3.09 -0.70	50.11 2.38 -0.15	45.70 2.15 -0.64	41.82 2.10 0.00	37.46 1.78 0.00
CHAFFEE___LFGE 323603	33.59 -0.83 0.00	32.05 -0.46 0.00	30.30 -0.58 -0.35	29.24 -0.20 -0.25	28.78 -0.43 -0.23	31.36 -0.90 0.00	36.62 -1.72 0.00	40.93 -2.44 0.21	38.17 -2.14 0.00	35.53 -2.43 0.00	34.31 -2.19 0.00	35.30 -1.86 0.00	36.30 -1.85 0.41	37.80 -1.62 0.00	39.45 -1.74 0.28	40.50 -2.20 0.42	45.20 -2.83 0.70	58.00 -4.06 1.41	58.24 -2.94 0.05	53.94 -2.19 0.00	46.25 -1.33 0.00	41.33 -1.59 0.00	38.60 -1.11 0.00	35.43 -0.25 0.00
CHATEAUG_35_KV_LOAD 355732	35.74 0.93 -0.39	33.99 0.94 -0.54	31.42 0.89 0.00	31.19 0.90 -1.09	30.61 0.96 -0.66	36.01 1.10 -2.65	43.57 1.38 -3.84	47.75 1.61 -2.55	42.62 1.57 -0.73	39.36 1.40 0.00	37.81 1.31 0.00	40.10 1.11 -1.83	40.78 1.04 -1.17	41.23 0.95 -0.87	42.60 0.71 -0.42	43.73 0.56 -0.05	51.87 0.83 -2.32	64.61 1.14 0.00	62.71 1.41 -0.08	61.59 1.23 -4.23	53.49 1.00 -4.91	46.69 1.03 -2.75	40.78 1.07 0.00	36.82 1.14 0.00
CHATEAUG_WT_PWR 323614	35.46 0.89 -0.15	33.66 0.94 -0.21	31.42 0.89 0.00	30.49 0.87 -0.42	30.17 0.93 -0.26	34.35 1.06 -1.03	41.18 1.34 -1.49	46.14 1.57 -0.99	42.13 1.53 -0.28	39.36 1.41 0.00	37.81 1.31 0.00	38.98 1.11 -0.71	40.06 1.04 -0.46	40.66 0.91 -0.34	42.35 0.70 -0.16	43.70 0.56 -0.02	50.36 0.73 -0.90	64.48 1.01 0.00	62.48 1.22 -0.03	58.89 1.12 -1.64	50.38 0.90 -1.90	44.97 0.99 -1.07	40.74 1.03 0.00	36.82 1.14 0.00
CHAT_HIGH_FALL_HYD 323578	35.74 0.93 -0.39	33.99 0.94 -0.54	31.42 0.89 0.00	31.19 0.90 -1.09	30.61 0.96 -0.66	36.01 1.10 -2.65	43.57 1.38 -3.84	47.75 1.61 -2.55	42.62 1.57 -0.73	39.36 1.40 0.00	37.81 1.31 0.00	40.10 1.11 -1.83	40.78 1.04 -1.17	41.23 0.95 -0.87	42.60 0.71 -0.42	43.73 0.56 -0.05	51.87 0.83 -2.32	64.61 1.14 0.00	62.71 1.41 -0.08	61.59 1.23 -4.23	53.49 1.00 -4.91	46.69 1.03 -2.75	40.78 1.07 0.00	36.82 1.14 0.00
CHAUTAUQUA___LFGE 323629	33.87 -0.55 0.00	32.28 -0.23 0.00	30.55 -0.34 -0.35	29.50 0.06 -0.25	29.01 -0.20 -0.23	31.68 -0.58 0.00	37.08 -1.26 0.00	41.54 -1.83 0.21	38.66 -1.65 0.00	35.98 -1.98 0.00	34.79 -1.71 0.00	35.78 -1.37 0.00	36.92 -1.24 0.41	38.39 -1.03 0.00	40.08 -1.12 0.28	41.19 -1.51 0.42	46.03 -2.00 0.70	59.21 -2.86 1.41	59.40 -1.78 0.05	54.84 -1.29 0.00	46.96 -0.62 0.00	41.93 -0.99 0.00	39.12 -0.59 0.00	35.61 -0.07 0.00
CHERRYST_13_KV_LD 356241	36.07 1.65 0.00	33.85 1.27 -0.07	31.58 1.01 -0.03	30.10 0.90 0.00	29.83 0.84 0.00	33.39 1.13 0.00	40.27 1.92 0.00	45.76 2.18 0.00	43.27 2.34 -0.62	41.46 2.58 -0.92	40.30 2.63 -1.17	41.26 2.86 -1.25	42.99 2.97 -1.46	44.01 3.07 -1.52	46.67 3.53 -1.66	48.51 3.62 -1.77	54.13 3.85 -1.55	70.06 4.57 -2.01	66.41 3.92 -1.27	60.08 3.26 -0.70	50.30 2.57 -0.15	45.83 2.27 -0.64	41.93 2.22 0.00	37.57 1.89 0.00

CHESTROR_138KV_BK263 355645	35.18 0.76 0.00	33.12 0.55 -0.06	30.99 0.43 -0.03	29.57 0.38 0.00	29.28 0.29 0.00	32.78 0.52 0.00	39.31 0.96 0.00	44.67 1.09 0.00	41.92 1.09 -0.52	39.95 1.21 -0.77	38.73 1.24 -0.98	39.61 1.41 -1.05	41.33 1.54 -1.22	42.27 1.58 -1.27	44.78 1.91 -1.39	46.58 1.98 -1.48	52.12 2.10 -1.30	67.70 2.54 -1.69	64.49 2.20 -1.06	58.51 1.80 -0.58	49.13 1.43 -0.13	44.69 1.24 -0.53	40.86 1.15 0.00	36.64 0.96 0.00
CH_MIDHUDSON___DRP 24192	35.52 1.10 0.00	33.39 0.81 -0.07	31.21 0.64 -0.03	29.81 0.61 0.00	29.51 0.52 0.00	33.04 0.77 0.00	39.69 1.34 0.00	45.07 1.48 0.00	42.35 1.45 -0.59	40.42 1.59 -0.87	39.21 1.61 -1.10	40.08 1.75 -1.17	41.83 1.89 -1.37	42.78 1.93 -1.43	45.32 2.28 -1.56	47.15 2.37 -1.66	52.77 2.58 -1.46	68.42 3.05 -1.90	65.11 2.69 -1.19	59.09 2.30 -0.66	49.53 1.81 -0.15	45.10 1.59 -0.60	41.06 1.35 0.00	36.89 1.21 0.00
CH_MISC_IPPS 23765	35.66 1.24 0.00	33.52 0.94 -0.07	31.42 0.85 -0.03	29.89 0.70 0.00	29.62 0.64 0.00	33.16 0.90 0.00	39.88 1.54 0.00	45.24 1.66 0.00	42.45 1.57 -0.57	40.55 1.75 -0.85	39.33 1.75 -1.08	40.12 1.82 -1.14	41.91 2.00 -1.34	42.90 2.09 -1.39	45.40 2.40 -1.52	47.28 2.54 -1.62	52.92 2.78 -1.42	68.66 3.43 -1.76	65.39 3.06 -1.11	59.38 2.64 -0.61	49.80 2.09 -0.13	45.32 1.84 -0.56	41.31 1.59 -0.01	37.00 1.32 0.00
CH_RES_BVR_FALLS 23983	34.22 -0.10 0.09	32.29 -0.10 0.12	30.45 -0.09 0.00	28.88 -0.06 0.25	28.80 -0.03 0.15	31.64 0.00 0.62	37.45 0.00 0.90	43.03 0.04 0.60	40.22 0.08 0.17	38.03 0.08 0.00	36.57 0.07 0.43	36.77 0.04 0.27	38.33 0.04 0.00	39.22 0.00 0.20	41.34 -0.04 0.10	42.98 -0.13 0.01	48.09 -0.10 0.54	63.34 -0.13 0.00	61.09 -0.12 0.02	54.97 -0.17 0.99	46.23 -0.19 1.15	42.10 -0.17 0.65	39.51 -0.20 0.00	35.50 -0.18 0.00
CH_RES_NIAGARA 23895	33.35 -1.07 0.00	32.05 -0.46 0.00	30.63 -0.24 -0.33	29.17 -0.26 -0.24	28.97 -0.23 -0.22	31.26 -1.00 0.00	35.82 -2.53 0.00	39.74 -3.62 0.23	37.21 -3.10 0.00	35.11 -2.85 0.00	33.76 -2.74 0.00	34.15 -3.01 0.00	35.03 -3.09 0.45	36.54 -2.88 0.00	38.02 -3.15 0.31	39.00 -3.67 0.45	43.43 -4.53 0.77	55.97 -5.97 1.53	56.16 -5.02 0.05	51.81 -4.32 0.00	44.77 -2.81 0.00	40.13 -2.79 0.00	37.72 -1.99 0.00	34.00 -1.68 0.00
CH_RES_SYRACUSE 23985	34.31 -0.17 -0.06	32.44 -0.16 -0.09	31.21 -0.15 -0.82	29.87 -0.09 -0.76	29.49 -0.14 -0.64	32.47 -0.22 -0.44	38.64 -0.35 -0.63	43.61 -0.39 -0.42	40.03 -0.40 -0.12	37.50 -0.45 0.00	36.10 -0.40 0.00	37.09 -0.37 -0.30	38.37 -0.39 -0.19	39.21 -0.36 -0.14	41.09 -0.46 -0.07	42.65 -0.47 -0.01	48.48 -0.63 -0.38	62.77 -0.70 0.00	60.81 -0.43 -0.01	56.60 -0.22 -0.70	48.25 -0.14 -0.81	43.16 -0.21 -0.45	39.55 -0.16 0.00	35.50 -0.18 0.00
CLINTON_WT_PWR 323605	35.46 0.89 -0.15	33.66 0.94 -0.21	31.42 0.89 0.00	30.49 0.87 -0.42	30.17 0.93 -0.26	34.35 1.06 -1.03	41.18 1.34 -1.49	46.14 1.57 -0.99	42.13 1.53 -0.28	39.36 1.41 0.00	37.81 1.31 -0.71	38.98 1.11 -0.46	40.06 1.04 -0.34	40.66 0.91 -0.34	42.35 0.70 -0.16	43.70 0.56 -0.02	50.36 0.73 -0.90	64.48 1.01 0.00	62.48 1.22 -0.03	58.89 1.12 -1.64	50.38 0.90 -1.90	44.97 0.99 -1.07	40.74 1.03 0.00	36.82 1.14 0.00
CLINTON___LFGE 323618	36.13 1.48 -0.24	34.36 1.53 -0.32	31.94 1.41 0.00	31.28 1.43 -0.66	30.84 1.45 -0.40	35.56 1.71 -1.60	42.77 2.11 -2.31	47.56 2.44 -1.54	43.13 2.38 -0.44	40.08 2.12 0.00	38.54 2.04 0.00	40.04 1.78 -1.10	40.93 1.66 -0.71	41.48 1.54 -0.52	43.06 1.33 -0.25	44.31 1.16 -0.03	51.58 1.46 -1.39	65.56 2.09 0.00	63.66 2.39 -0.05	60.75 2.08 -2.54	52.24 1.71 -2.95	46.29 1.72 -1.65	41.42 1.71 0.00	37.49 1.82 0.00
COBBLENY_34_KV_TB1 80064	33.73 -0.69 0.00	32.28 -0.23 0.00	30.79 -0.09 -0.35	29.38 -0.06 -0.25	29.18 -0.03 -0.23	31.58 -0.68 0.00	37.12 -1.23 0.00	41.32 -2.05 0.21	38.58 -1.73 0.00	36.29 -1.67 0.00	34.93 -1.57 0.00	35.37 -1.78 0.00	36.42 -1.74 0.41	37.84 -1.58 0.00	39.45 -1.74 0.28	40.46 -2.24 0.42	45.20 -2.83 0.70	58.51 -3.55 1.41	58.49 -2.69 0.05	53.94 -2.19 0.00	46.44 -1.14 0.00	41.50 -1.42 0.00	38.92 -0.79 0.00	35.00 -0.68 0.00
COFFEEN___115KV_TB3 355620	36.08 1.00 -0.67	34.39 0.98 -0.91	31.88 0.76 -0.58	32.19 0.73 -2.27	31.36 0.87 -1.51	37.77 1.00 -4.51	46.42 1.53 -6.54	49.80 1.87 -4.34	42.93 1.37 -1.24	38.64 0.68 0.00	37.01 0.51 0.00	40.72 0.45 -3.12	41.10 0.54 -2.00	41.29 0.39 -1.48	42.48 0.29 -0.71	43.68 0.47 -0.09	53.35 0.68 -3.94	64.74 1.27 0.00	63.44 2.08 -0.14	65.77 2.47 -7.18	58.15 2.24 -8.34	49.56 1.97 -4.67	41.42 1.71 0.00	36.85 1.18 0.00
COLDSPRG_115KV_BK1 355956	34.14 -0.28 0.00	32.64 0.13 0.00	31.10 0.21 -0.35	29.73 0.29 -0.25	29.51 0.29 -0.23	32.10 -0.16 0.00	38.00 -0.35 0.00	42.42 -0.96 0.20	39.51 -0.81 0.00	37.05 -0.91 0.00	35.70 -0.80 0.00	36.26 -0.89 0.00	37.51 -0.66 0.40	38.91 -0.51 0.00	40.58 -0.62 0.27	41.60 -1.12 0.40	46.61 -1.46 0.66	60.53 -1.59 1.36	60.32 -0.86 0.04	55.45 -0.67 0.00	47.58 0.00 0.00	42.49 -0.43 0.00	39.71 0.00 0.00	35.36 -0.32 0.00
COLONIE_LFGE___ 323577	35.00 0.58 0.00	32.84 0.42 0.09	30.93 0.43 0.04	29.57 0.38 0.00	29.34 0.35 0.00	32.81 0.55 0.00	39.04 0.69 0.00	44.37 0.79 0.00	40.15 0.61 0.77	37.39 0.57 1.14	35.49 0.44 1.45	36.09 0.48 1.54	37.22 0.46 1.81	38.02 0.47 1.88	40.05 0.62 2.05	41.66 0.73 2.19	47.79 0.97 1.92	62.25 1.27 2.49	60.76 1.10 1.57	56.16 0.90 0.86	48.05 0.67 0.19	42.81 0.68 0.79	40.17 0.48 0.02	36.11 0.43 0.00
COOPERNY_115KV_TB1 80082	34.93 0.52 0.00	32.94 0.39 -0.04	30.89 0.34 -0.02	29.49 0.29 0.00	29.22 0.23 0.00	32.62 0.35 0.00	39.00 0.65 0.00	44.32 0.74 0.00	41.43 0.77 -0.36	39.32 0.84 -0.53	38.05 0.88 -0.67	38.83 0.97 -0.71	40.48 1.08 -0.83	41.39 1.10 -0.86	43.71 1.29 -0.94	45.51 1.38 -1.01	51.07 1.46 -0.88	66.40 1.78 -1.15	63.48 1.53 -0.72	57.76 1.23 -0.40	48.66 1.00 -0.09	44.18 0.90 -0.36	40.54 0.83 0.00	36.35 0.68 0.00
COPENHAGEN_WT_PWR 323753	35.77 0.72 -0.63	34.05 0.68 -0.86	31.67 0.52 -0.61	31.87 0.50 -2.18	31.06 0.61 -1.46	37.22 0.71 -4.25	45.63 1.11 -6.17	49.08 1.39 -4.10	42.45 0.97 -1.17	38.38 0.42 0.00	36.79 0.29 0.00	40.32 0.22 -2.94	40.80 0.35 -1.88	41.01 0.20 -1.40	42.23 0.08 -0.67	43.46 0.26 -0.08	52.83 0.39 -3.71	64.24 0.76 0.00	62.76 1.41 -0.13	64.70 1.80 -6.77	57.06 1.62 -7.87	48.78 1.46 -4.40	40.98 1.27 0.00	36.57 0.89 0.00
CORNELL_____ 23752	34.83 0.41 0.00	32.96 0.46 0.00	31.57 0.49 -0.55	30.05 0.47 -0.39	29.78 0.43 -0.36	32.65 0.39 0.00	38.81 0.46 0.00	44.06 0.48 0.00	40.68 0.36 0.00	38.07 0.11 0.00	36.57 0.07 0.00	37.16 0.00 0.00	38.60 0.04 0.00	39.54 0.12 0.00	41.52 0.04 0.00	43.25 0.13 0.00	48.69 0.15 0.19	64.04 0.57 0.00	62.14 0.92 0.00	57.25 1.12 0.00	48.67 1.09 0.00	43.69 0.77 0.00	40.46 0.75 0.00	36.18 0.50 0.00

CORONA__69_KV_TB1 355595	36.24 1.82 0.00	33.88 1.30 -0.07	31.49 0.92 -0.03	29.95 0.76 0.00	29.65 0.67 0.00	33.29 1.03 0.00	40.07 1.73 0.00	45.46 1.87 0.00	42.95 2.02 -0.62	41.24 2.35 -0.92	40.19 2.52 -1.17	41.12 2.71 -1.25	42.76 2.74 -1.46	43.73 2.80 -1.52	46.45 3.32 -1.65	48.33 3.45 -1.76	53.73 3.46 -1.54	69.48 4.00 -2.01	65.98 3.49 -1.27	60.02 3.20 -0.70	49.72 2.00 -0.15	45.44 1.89 -0.64	42.01 2.30 0.00	37.82 2.14 0.00
CORTLAND__115KV_TB3 80093	34.56 0.14 0.00	32.67 0.16 0.00	31.34 0.24 -0.55	29.82 0.23 -0.39	29.52 0.17 -0.36	32.36 0.10 0.00	38.43 0.08 0.00	43.63 0.04 0.00	40.31 0.00 0.00	37.84 -0.11 0.00	36.39 -0.11 0.00	36.97 -0.19 0.00	38.45 -0.12 0.00	39.34 -0.08 0.00	41.36 -0.12 0.00	43.03 -0.09 0.00	48.81 -0.10 -0.18	63.60 0.13 0.00	61.61 0.37 -0.01	57.31 0.51 -0.67	48.93 0.57 -0.78	43.70 0.34 -0.44	40.07 0.36 0.00	35.85 0.18 0.00
COXSACKIE__GT 23611	35.73 1.31 0.00	33.56 1.07 0.02	31.57 1.04 0.01	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	39.73 1.38 0.00	44.89 1.31 0.00	41.02 0.89 0.18	38.30 0.61 0.26	36.53 0.36 0.33	37.06 0.26 0.36	38.46 0.31 0.42	39.03 0.04 0.43	41.38 0.37 0.47	43.26 0.65 0.50	49.41 1.12 0.44	64.75 1.90 0.62	63.04 2.20 0.39	58.10 2.19 0.21	49.19 1.66 0.05	44.05 1.33 0.20	40.14 0.44 0.01	36.53 0.85 0.00
CPV__VALLEY__CC1 323721	34.97 0.55 0.00	32.96 0.39 -0.06	30.90 0.34 -0.02	29.43 0.23 0.00	29.16 0.17 0.00	32.62 0.36 0.00	39.08 0.73 0.00	44.41 0.83 0.00	41.62 0.85 -0.46	39.71 1.06 -0.69	38.47 1.09 -0.87	39.27 1.19 -0.93	40.92 1.27 -1.09	41.89 1.34 -1.13	44.29 1.58 -1.23	46.07 1.64 -1.31	51.63 1.75 -1.15	67.01 2.09 -1.44	63.91 1.78 -0.91	58.03 1.40 -0.50	48.78 1.10 -0.11	44.36 0.99 -0.46	40.64 0.91 -0.01	36.32 0.64 0.00
CPV__VALLEY__CC2 323722	34.97 0.55 0.00	32.96 0.39 -0.06	30.90 0.34 -0.02	29.43 0.23 0.00	29.16 0.17 0.00	32.62 0.36 0.00	39.08 0.73 0.00	44.41 0.83 0.00	41.62 0.85 -0.46	39.71 1.06 -0.69	38.47 1.09 -0.87	39.27 1.19 -0.93	40.92 1.27 -1.09	41.89 1.34 -1.13	44.29 1.58 -1.23	46.07 1.64 -1.31	51.63 1.75 -1.15	67.01 2.09 -1.44	63.91 1.78 -0.91	58.03 1.40 -0.50	48.78 1.10 -0.11	44.36 0.99 -0.46	40.64 0.91 -0.01	36.32 0.64 0.00
CRESCENT__HYD 24018	35.00 0.58 0.00	32.84 0.42 0.09	30.93 0.43 0.04	29.57 0.38 0.00	29.34 0.35 0.00	32.81 0.55 0.00	39.04 0.69 0.00	44.37 0.79 0.00	40.15 0.61 0.77	37.39 0.57 1.14	35.49 0.44 1.45	36.09 0.48 1.54	37.22 0.46 1.81	38.02 0.47 1.88	40.05 0.62 2.05	41.66 0.73 2.19	47.79 0.97 1.92	62.25 1.27 2.49	60.76 1.10 1.57	56.16 0.90 0.86	48.05 0.67 0.19	42.81 0.68 0.79	40.17 0.48 0.02	36.11 0.43 0.00
CRICKET__VALLEY_CC1 323756	34.86 0.45 0.00	31.60 0.23 1.13	30.23 0.18 0.49	29.31 0.12 0.00	29.02 0.03 0.00	32.52 0.26 0.00	39.00 0.65 0.00	44.32 0.74 0.00	31.67 0.81 9.45	25.02 1.06 14.00	19.78 1.06 17.78	19.40 1.15 18.91	17.63 1.20 22.13	17.69 1.26 22.99	17.84 1.49 25.13	17.86 1.55 26.81	26.85 1.61 23.48	34.66 1.84 30.65	43.37 1.41 19.27	46.59 1.06 10.60	45.99 0.76 2.34	33.94 0.73 9.70	40.28 0.84 0.27	36.28 0.61 0.00
CRICKET__VALLEY_CC2 323757	34.86 0.45 0.00	31.60 0.23 1.13	30.23 0.18 0.49	29.31 0.12 0.00	29.02 0.03 0.00	32.52 0.26 0.00	39.00 0.65 0.00	44.32 0.74 0.00	31.67 0.81 9.45	25.02 1.06 14.00	19.78 1.06 17.78	19.40 1.15 18.91	17.63 1.20 22.13	17.69 1.26 22.99	17.84 1.49 25.13	17.86 1.55 26.81	26.85 1.61 23.48	34.66 1.84 30.65	43.37 1.41 19.27	46.59 1.06 10.60	45.99 0.76 2.34	33.94 0.73 9.70	40.28 0.84 0.27	36.28 0.61 0.00
CRICKET__VALLEY_CC3 323758	34.86 0.45 0.00	31.60 0.23 1.13	30.23 0.18 0.49	29.31 0.12 0.00	29.02 0.03 0.00	32.52 0.26 0.00	39.00 0.65 0.00	44.32 0.74 0.00	31.67 0.81 9.45	25.02 1.06 14.00	19.78 1.06 17.78	19.40 1.15 18.91	17.63 1.20 22.13	17.69 1.26 22.99	17.84 1.49 25.13	17.86 1.55 26.81	26.85 1.61 23.48	34.66 1.84 30.65	43.37 1.41 19.27	46.59 1.06 10.60	45.99 0.76 2.34	33.94 0.73 9.70	40.28 0.84 0.27	36.28 0.61 0.00
CRUCIBLE__METL_DRP 24180	34.31 -0.17 -0.06	32.47 -0.13 -0.09	31.30 -0.06 -0.82	29.90 -0.06 -0.76	29.55 -0.09 -0.64	32.50 -0.19 -0.44	38.71 -0.27 -0.63	43.66 -0.35 -0.42	40.11 -0.32 -0.12	37.58 -0.38 0.00	36.17 -0.33 0.00	37.09 -0.37 -0.30	38.37 -0.39 -0.19	39.21 -0.35 -0.14	41.09 -0.46 -0.07	42.65 -0.47 -0.01	48.48 -0.63 -0.38	62.84 -0.63 0.00	60.81 -0.43 -0.01	56.60 -0.22 -0.70	48.29 -0.10 -0.81	43.16 -0.21 -0.45	39.59 -0.12 0.00	35.46 -0.21 0.00
DAHOWA__HYDRO 323763	35.35 0.93 0.00	33.18 0.75 0.08	31.30 0.79 0.03	29.92 0.73 0.00	29.60 0.61 0.00	33.23 0.97 0.00	39.46 1.11 0.00	44.72 1.13 0.00	40.25 0.61 0.67	37.27 0.30 0.99	35.28 0.04 1.26	35.89 0.07 1.34	37.00 0.00 1.56	37.87 0.08 1.62	39.91 0.21 1.78	41.65 0.43 1.89	48.14 1.07 1.66	62.89 1.46 2.04	61.48 1.53 1.28	56.94 1.52 0.70	48.52 1.10 0.16	43.34 1.07 0.65	40.53 0.84 0.02	36.32 0.64 0.00
DANC__LFGE 323619	35.05 0.21 -0.42	33.32 0.23 -0.58	31.41 0.12 -0.75	31.05 0.15 -1.71	30.37 0.17 -1.20	35.35 0.23 -2.86	42.88 0.38 -4.15	46.90 0.57 -2.75	41.39 0.28 -0.79	37.88 -0.08 0.00	36.36 -0.15 0.00	38.95 -0.18 -1.98	39.83 -0.12 -1.38	40.16 -0.20 -0.94	41.72 -0.29 -0.53	43.07 -0.21 -0.17	51.19 -0.24 -2.70	63.28 -0.19 0.00	61.62 0.31 -0.09	61.36 0.68 -4.55	53.53 0.67 -5.29	46.48 0.60 -2.96	40.27 0.56 0.00	36.00 0.32 0.00
DANSKAMMER__1 23586	35.66 1.24 0.00	33.52 0.94 -0.07	31.42 0.85 -0.03	29.89 0.70 0.00	29.62 0.64 0.00	33.16 0.90 0.00	39.88 1.54 0.00	45.24 1.66 0.00	42.45 1.57 -0.57	40.55 1.75 -0.85	39.33 1.75 -1.08	40.12 1.82 -1.14	41.91 2.00 -1.34	42.90 2.09 -1.39	45.40 2.40 -1.52	47.28 2.54 -1.62	52.92 2.78 -1.42	68.66 3.43 -1.76	65.39 3.06 -1.11	59.38 2.64 -0.61	49.80 2.09 -0.13	45.32 1.84 -0.56	41.31 1.59 -0.01	37.00 1.32 0.00
DANSKAMMER__2 23589	35.66 1.24 0.00	33.52 0.94 -0.07	31.42 0.85 -0.03	29.89 0.70 0.00	29.62 0.64 0.00	33.16 0.90 0.00	39.88 1.54 0.00	45.24 1.66 0.00	42.45 1.57 -0.57	40.55 1.75 -0.85	39.33 1.75 -1.08	40.12 1.82 -1.14	41.91 2.00 -1.34	42.90 2.09 -1.39	45.40 2.40 -1.52	47.28 2.54 -1.62	52.92 2.78 -1.42	68.66 3.43 -1.76	65.39 3.06 -1.11	59.38 2.64 -0.61	49.80 2.09 -0.13	45.32 1.84 -0.56	41.31 1.59 -0.01	37.00 1.32 0.00
DANSKAMMER__3 23590	35.66 1.24 0.00	33.52 0.94 -0.07	31.42 0.85 -0.03	29.89 0.70 0.00	29.62 0.64 0.00	33.16 0.90 0.00	39.88 1.54 0.00	45.24 1.66 0.00	42.45 1.57 -0.57	40.55 1.75 -0.85	39.33 1.75 -1.08	40.12 1.82 -1.14	41.91 2.00 -1.34	42.90 2.09 -1.39	45.40 2.40 -1.52	47.28 2.54 -1.62	52.92 2.78 -1.42	68.66 3.43 -1.76	65.39 3.06 -1.11	59.38 2.64 -0.61	49.80 2.09 -0.13	45.32 1.84 -0.56	41.31 1.59 -0.01	37.00 1.32 0.00

DANSKAMMER___4 23591	35.66 1.24 0.00	33.52 0.94 -0.07	31.42 0.85 -0.03	29.89 0.70 0.00	29.62 0.64 0.00	33.16 0.90 0.00	39.88 1.54 0.00	45.24 1.66 0.00	42.45 1.57 -0.57	40.55 1.75 -0.85	39.33 1.75 -1.08	40.12 1.82 -1.14	41.91 2.00 -1.34	42.90 2.09 -1.39	45.40 2.40 -1.52	47.28 2.54 -1.62	52.92 2.78 -1.42	68.66 3.43 -1.76	65.39 3.06 -1.11	59.38 2.64 -0.61	49.80 2.09 -0.13	45.32 1.84 -0.56	41.31 1.59 -0.01	37.00 1.32 0.00
DANSKAMMER___DIESEL 23592	35.62 1.20 0.00	33.52 0.94 -0.07	31.33 0.76 -0.03	29.89 0.70 0.00	29.60 0.61 0.00	33.13 0.87 0.00	39.84 1.50 0.00	45.24 1.66 0.00	42.46 1.57 -0.57	40.48 1.67 -0.85	39.26 1.68 -1.08	40.12 1.82 -1.14	41.87 1.97 -1.34	42.86 2.05 -1.39	45.41 2.41 -1.52	47.28 2.54 -1.62	52.93 2.78 -1.42	68.68 3.36 -1.85	65.45 3.06 -1.16	59.40 2.64 -0.64	49.81 2.09 -0.14	45.30 1.80 -0.58	41.26 1.55 0.00	37.07 1.39 0.00
DARBY___SOLAR 323810	35.28 0.86 0.00	33.11 0.68 0.08	31.21 0.70 0.04	29.87 0.67 0.00	29.57 0.58 0.00	33.13 0.87 0.00	39.34 1.00 0.00	44.63 1.04 0.00	40.23 0.61 0.68	37.25 0.30 1.01	35.32 0.11 1.29	35.90 0.11 1.37	37.00 0.04 1.60	37.88 0.12 1.66	39.87 0.21 1.82	41.61 0.43 1.94	48.05 1.02 1.70	62.75 1.39 2.12	61.36 1.47 1.33	56.74 1.34 0.73	48.42 1.00 0.16	43.23 0.99 0.67	40.44 0.75 0.02	36.28 0.61 0.00
DASHVILLE___HYD 23610	35.42 1.00 0.00	33.46 0.91 -0.04	31.14 0.58 -0.02	29.72 0.53 0.00	29.42 0.43 0.00	32.91 0.65 0.00	39.50 1.15 0.00	44.80 1.22 0.00	42.14 1.49 -0.34	40.09 1.63 -0.50	38.74 1.61 -0.64	39.54 1.71 -0.68	41.21 1.85 -0.79	42.21 1.97 -0.82	44.70 2.32 -0.90	46.53 2.46 -0.96	52.30 2.73 -0.84	67.80 3.24 -1.09	64.85 2.94 -0.69	59.09 2.58 -0.38	49.71 2.05 -0.08	45.06 1.80 -0.35	40.94 1.23 0.00	36.85 1.18 0.00
DELAWARE___LFGE 323621	34.93 0.52 0.00	33.13 0.62 0.00	31.37 0.61 -0.22	29.90 0.55 -0.15	29.68 0.55 -0.14	32.84 0.58 0.00	39.00 0.65 0.00	44.32 0.74 0.00	40.96 0.64 0.00	38.49 0.53 0.00	36.98 0.47 0.00	37.68 0.52 0.00	39.18 0.62 0.00	40.01 0.59 0.00	42.14 0.66 0.00	43.85 0.73 0.00	49.61 0.88 0.00	64.68 1.21 0.00	62.45 1.22 0.00	57.31 1.18 0.00	48.67 1.09 0.00	43.86 0.94 0.00	40.58 0.87 0.00	36.35 0.68 0.00
DERFIELD_115KV_TB7 355931	34.48 0.00 -0.06	32.60 0.00 -0.09	30.54 0.00 0.00	29.37 0.00 -0.18	29.09 0.00 -0.11	32.69 0.00 -0.43	39.01 0.04 -0.62	44.04 0.04 -0.41	40.47 0.04 -0.12	37.96 0.00 0.00	36.50 0.00 0.00	37.45 0.00 -0.30	38.75 0.00 -0.19	39.56 0.00 -0.14	41.59 0.04 -0.07	43.17 0.04 -0.01	49.14 0.05 -0.37	63.53 0.06 0.00	61.30 0.06 -0.01	56.85 0.06 -0.67	48.40 0.05 -0.78	43.39 0.04 -0.43	39.71 0.00 0.00	35.68 0.00 0.00
DOGLEVILLE___HYD 23807	34.41 -0.07 -0.06	32.53 -0.07 -0.09	30.45 -0.09 0.00	29.25 -0.12 -0.18	29.01 -0.09 -0.11	32.63 -0.06 -0.43	38.93 -0.04 -0.62	43.95 -0.04 -0.41	40.35 -0.08 -0.12	37.77 -0.19 0.00	36.32 -0.18 0.00	37.27 -0.19 -0.30	38.52 -0.23 -0.19	39.25 -0.32 -0.14	41.22 -0.33 -0.07	42.82 -0.30 -0.01	48.75 -0.34 -0.37	62.96 -0.51 0.00	60.87 -0.37 -0.01	56.51 -0.28 -0.67	48.12 -0.24 -0.78	43.22 -0.13 -0.43	39.59 -0.12 0.00	35.57 -0.11 0.00
DUNKIRK___115KV_TB_200 55889	33.94 -0.48 0.00	32.48 -0.03 0.00	30.98 0.09 -0.35	29.59 0.15 -0.25	29.36 0.14 -0.23	31.84 -0.42 0.00	37.54 -0.81 0.00	41.80 -1.57 0.21	38.98 -1.33 0.00	36.67 -1.29 0.00	35.30 -1.20 0.00	35.78 -1.37 0.00	36.96 -1.20 0.41	38.39 -1.02 0.00	40.03 -1.16 0.29	41.11 -1.60 0.42	45.93 -2.10 0.70	59.59 -2.48 1.41	59.47 -1.71 0.05	54.78 -1.35 0.00	47.05 -0.52 0.00	42.06 -0.86 0.00	39.35 -0.36 0.00	35.18 -0.50 0.00
DUNKIRK___1 23563	33.94 -0.48 0.00	32.48 -0.03 0.00	30.98 0.09 -0.35	29.59 0.15 -0.25	29.36 0.14 -0.23	31.84 -0.42 0.00	37.54 -0.81 0.00	41.80 -1.57 0.21	38.98 -1.33 0.00	36.67 -1.29 0.00	35.30 -1.20 0.00	35.78 -1.37 0.00	36.96 -1.20 0.41	38.39 -1.02 0.00	40.03 -1.16 0.29	41.11 -1.60 0.42	45.93 -2.10 0.70	59.59 -2.48 1.41	59.47 -1.71 0.05	54.78 -1.35 0.00	47.05 -0.52 0.00	42.06 -0.86 0.00	39.35 -0.36 0.00	35.18 -0.50 0.00
DUNKIRK___2 23564	33.94 -0.48 0.00	32.48 -0.03 0.00	30.98 0.09 -0.35	29.59 0.15 -0.25	29.36 0.14 -0.23	31.84 -0.42 0.00	37.54 -0.81 0.00	41.80 -1.57 0.21	38.98 -1.33 0.00	36.67 -1.29 0.00	35.30 -1.20 0.00	35.78 -1.37 0.00	36.96 -1.20 0.41	38.39 -1.02 0.00	40.03 -1.16 0.29	41.11 -1.60 0.42	45.93 -2.10 0.70	59.59 -2.48 1.41	59.47 -1.71 0.05	54.78 -1.35 0.00	47.05 -0.52 0.00	42.06 -0.86 0.00	39.35 -0.36 0.00	35.18 -0.50 0.00
DUNKIRK___3 23565	33.76 -0.65 0.00	32.28 -0.23 0.00	30.82 -0.06 -0.35	29.41 -0.03 -0.25	29.18 -0.03 -0.23	31.65 -0.61 0.00	37.27 -1.07 0.00	41.45 -1.92 0.21	38.70 -1.61 0.00	36.40 -1.56 0.00	35.04 -1.46 0.00	35.52 -1.63 0.00	36.65 -1.50 0.41	38.12 -1.30 0.00	39.74 -1.45 0.29	40.80 -1.90 0.42	45.63 -2.39 0.71	59.08 -2.98 1.41	59.04 -2.14 0.05	54.39 -1.74 0.00	46.77 -0.81 0.00	41.76 -1.16 0.00	39.11 -0.60 0.00	35.03 -0.64 0.00
DUNKIRK___4 23566	33.76 -0.65 0.00	32.28 -0.23 0.00	30.82 -0.06 -0.35	29.41 -0.03 -0.25	29.18 -0.03 -0.23	31.65 -0.61 0.00	37.27 -1.07 0.00	41.45 -1.92 0.21	38.70 -1.61 0.00	36.40 -1.56 0.00	35.04 -1.46 0.00	35.52 -1.63 0.00	36.65 -1.50 0.41	38.12 -1.30 0.00	39.74 -1.45 0.29	40.80 -1.90 0.42	45.63 -2.39 0.71	59.08 -2.98 1.41	59.04 -2.14 0.05	54.39 -1.74 0.00	46.77 -0.81 0.00	41.76 -1.16 0.00	39.11 -0.60 0.00	35.03 -0.64 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.76 1.34 0.00	33.59 1.01 -0.07	31.36 0.79 -0.03	29.89 0.70 0.00	29.63 0.64 0.00	33.16 0.90 0.00	39.92 1.57 0.00	45.41 1.83 0.00	42.87 1.93 -0.62	41.05 2.16 -0.92	39.86 2.19 -1.17	40.82 2.42 -1.25	42.53 2.51 -1.46	43.54 2.60 -1.52	46.12 2.99 -1.66	47.95 3.06 -1.77	53.54 3.26 -1.55	69.36 3.87 -2.01	65.80 3.31 -1.27	59.57 2.75 -0.70	49.87 2.14 -0.15	45.48 1.93 -0.64	41.58 1.87 0.00	37.25 1.57 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.35 0.93 0.00	33.26 0.68 -0.07	31.12 0.55 -0.03	29.69 0.50 0.00	29.39 0.41 0.00	32.91 0.65 0.00	39.50 1.15 0.00	44.89 1.31 0.00	42.11 1.25 -0.54	40.17 1.40 -0.80	38.95 1.42 -1.02	39.80 1.56 -1.09	41.53 1.70 -1.27	42.52 1.77 -1.32	45.04 2.12 -1.44	46.86 2.20 -1.54	52.47 2.39 -1.35	68.08 2.86 -1.76	64.84 2.51 -1.10	58.87 2.13 -0.61	49.38 1.67 -0.13	44.93 1.46 -0.56	41.02 1.31 0.00	36.78 1.11 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.07 1.65 0.00	33.79 1.20 -0.07	31.49 0.92 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.10 0.84 0.00	39.84 1.50 0.00	45.28 1.70 0.00	42.91 1.98 -0.62	41.12 2.24 -0.92	39.97 2.30 -1.17	40.97 2.56 -1.25	42.65 2.62 -1.46	43.66 2.72 -1.52	46.38 3.24 -1.66	48.30 3.41 -1.77	53.64 3.36 -1.55	69.36 3.87 -2.01	65.74 3.24 -1.27	59.41 2.58 -0.70	49.78 2.05 -0.15	45.36 1.80 -0.64	42.02 2.30 -0.01	37.65 1.96 -0.01

E179THST_13_KV_LOAD 356214	36.24 1.82 0.00	33.92 1.33 -0.07	31.61 1.04 -0.03	30.07 0.88 0.00	29.80 0.81 0.00	33.23 0.97 0.00	40.04 1.69 0.00	45.50 1.92 0.00	43.11 2.18 -0.62	41.31 2.43 -0.92	40.19 2.52 -1.17	41.15 2.75 -1.25	42.88 2.85 -1.46	43.89 2.96 -1.52	46.63 3.48 -1.66	48.56 3.67 -1.77	53.94 3.65 -1.55	69.74 4.25 -2.01	66.10 3.61 -1.27	59.74 2.92 -0.70	50.06 2.33 -0.15	45.61 2.06 -0.64	42.22 2.50 -0.01	37.82 2.14 -0.01
EAST HAMPTON___GT 23717	36.07 1.65 0.00	33.43 0.84 -0.07	31.06 0.49 -0.03	29.40 0.21 0.00	29.16 0.17 0.00	32.91 0.64 0.00	39.69 1.34 0.00	44.80 1.22 0.00	42.91 1.97 -0.62	41.50 2.62 -0.92	40.74 3.07 -1.17	41.67 3.27 -1.25	43.65 3.62 -1.46	44.05 3.11 -1.52	45.75 2.61 -1.65	48.16 3.28 -1.76	53.63 3.36 -1.54	68.95 3.55 -1.92	66.41 3.98 -1.21	60.84 4.04 -0.67	50.00 2.28 -0.14	45.63 2.10 -0.61	41.99 2.26 -0.02	37.57 1.89 0.00
EAST RIVER___6 23660	36.04 1.62 0.00	33.79 1.20 -0.07	31.61 1.04 -0.03	30.01 0.82 0.00	29.74 0.75 0.00	33.32 1.06 0.00	40.23 1.88 0.00	45.59 2.01 0.00	43.07 2.14 -0.62	41.35 2.47 -0.92	40.19 2.52 -1.17	41.11 2.71 -1.25	42.88 2.85 -1.46	43.89 2.96 -1.52	46.54 3.40 -1.66	48.38 3.49 -1.77	53.94 3.66 -1.55	69.77 4.38 -1.92	66.11 3.67 -1.21	59.82 3.03 -0.67	50.15 2.43 -0.15	45.75 2.23 -0.61	41.91 2.18 -0.02	37.46 1.78 0.00
EAST RIVER___7 23524	36.04 1.62 0.00	33.79 1.20 -0.07	31.61 1.04 -0.03	30.01 0.82 0.00	29.74 0.75 0.00	33.32 1.06 0.00	40.23 1.88 0.00	45.59 2.01 0.00	43.07 2.14 -0.62	41.35 2.47 -0.92	40.19 2.52 -1.17	41.11 2.71 -1.25	42.88 2.85 -1.46	43.89 2.96 -1.52	46.54 3.40 -1.66	48.38 3.49 -1.77	53.94 3.66 -1.55	69.77 4.38 -1.92	66.11 3.67 -1.21	59.82 3.03 -0.67	50.15 2.43 -0.15	45.75 2.23 -0.61	41.91 2.18 -0.02	37.46 1.78 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.69 1.27 0.00	33.53 0.94 -0.07	31.30 0.73 -0.03	29.86 0.67 0.00	29.57 0.58 0.00	33.13 0.87 0.00	39.84 1.50 0.00	45.33 1.74 0.00	42.79 1.85 -0.62	40.93 2.05 -0.92	39.75 2.08 -1.17	40.67 2.27 -1.24	42.41 2.39 -1.46	43.42 2.48 -1.51	45.96 2.82 -1.66	47.82 2.93 -1.77	53.39 3.12 -1.55	69.16 3.68 -2.01	65.67 3.18 -1.26	59.46 2.64 -0.70	49.78 2.05 -0.15	45.40 1.85 -0.64	41.46 1.75 0.00	37.17 1.50 0.00
EAST_HAMPTON___DIESEL 23722	36.04 1.62 0.00	33.40 0.81 -0.07	31.03 0.46 -0.03	29.37 0.18 0.00	29.10 0.12 0.00	32.87 0.61 0.00	39.65 1.30 0.00	44.76 1.18 0.00	42.87 1.93 -0.62	41.46 2.58 -0.92	40.74 3.07 -1.17	41.67 3.27 -1.25	43.65 3.62 -1.46	44.09 3.15 -1.52	45.75 2.61 -1.65	48.16 3.28 -1.76	53.63 3.36 -1.54	68.88 3.49 -1.92	66.30 3.86 -1.21	60.78 3.99 -0.67	49.95 2.24 -0.14	45.58 2.06 -0.61	41.91 2.18 -0.02	37.49 1.82 0.00
EAST_POINT___SOLAR 323840	36.41 2.00 0.00	34.25 1.79 0.04	32.26 1.74 0.02	30.86 1.66 0.00	30.61 1.62 0.00	34.26 2.00 0.00	40.81 2.46 0.00	45.85 2.26 0.00	40.93 0.97 0.35	37.21 -0.23 0.52	34.78 -1.06 0.66	35.22 -1.23 0.71	36.47 -1.27 0.83	37.30 -1.26 0.86	39.17 -1.37 0.94	40.95 -1.16 1.00	47.51 -0.34 0.88	63.56 1.27 1.18	64.03 3.55 0.74	59.81 4.10 0.41	50.77 3.28 0.09	45.54 3.00 0.37	42.20 2.50 0.01	37.67 2.00 0.00
EAST_PULASKI___ESR 323781	34.40 -0.24 -0.22	32.58 -0.23 -0.30	31.32 -0.25 -1.03	30.33 -0.20 -1.34	29.83 -0.20 -1.04	33.53 -0.22 -1.49	40.24 -0.27 -2.16	44.89 -0.26 -1.57	40.36 -0.36 -0.41	37.43 -0.53 0.00	35.95 -0.55 0.00	37.64 -0.56 -1.04	38.99 -0.54 -0.96	39.36 -0.55 -0.49	41.26 -0.67 -0.44	42.80 -0.65 -0.33	49.68 -0.88 -1.83	63.19 -1.14 -0.86	60.50 -0.80 -0.07	58.05 -0.45 -2.37	50.01 -0.33 -2.76	44.20 -0.26 -1.54	39.59 -0.12 0.00	35.50 -0.18 0.00
EAST_RIVER___1 323558	35.97 1.55 0.00	33.75 1.17 -0.07	31.58 1.01 -0.03	29.98 0.79 0.00	29.71 0.72 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.63 2.05 0.00	43.11 2.18 -0.62	41.35 2.47 -0.92	40.19 2.52 -1.17	41.11 2.71 -1.25	42.84 2.81 -1.46	43.89 2.96 -1.52	46.46 3.32 -1.66	48.34 3.45 -1.77	53.94 3.66 -1.55	69.77 4.38 -1.92	66.17 3.74 -1.21	59.88 3.08 -0.67	50.15 2.43 -0.15	45.71 2.19 -0.61	41.91 2.18 -0.02	37.39 1.71 0.00
EAST_RIVER___2 323559	36.04 1.62 0.00	33.79 1.20 -0.07	31.61 1.04 -0.03	30.01 0.82 0.00	29.74 0.75 0.00	33.32 1.06 0.00	40.23 1.88 0.00	45.59 2.01 0.00	43.07 2.14 -0.62	41.35 2.47 -0.92	40.19 2.52 -1.17	41.11 2.71 -1.25	42.88 2.85 -1.46	43.89 2.96 -1.52	46.54 3.40 -1.66	48.38 3.49 -1.77	53.94 3.66 -1.55	69.77 4.38 -1.92	66.11 3.67 -1.21	59.82 3.03 -0.67	50.15 2.43 -0.15	45.75 2.23 -0.61	41.91 2.18 -0.02	37.46 1.78 0.00
EAST___DELAWARE_HYD 23607	35.45 1.03 0.00	33.37 0.81 -0.05	31.26 0.70 -0.02	29.78 0.58 0.00	29.51 0.52 0.00	33.03 0.77 0.00	39.69 1.34 0.00	44.98 1.39 0.00	42.25 1.53 -0.41	40.19 1.63 -0.60	38.87 1.60 -0.77	39.64 1.67 -0.81	41.37 1.85 -0.95	42.30 1.89 -0.99	44.80 2.24 -1.08	46.69 2.41 -1.16	52.52 2.78 -1.01	68.28 3.55 -1.25	65.38 3.37 -0.79	59.53 2.97 -0.43	50.15 2.47 -0.10	45.41 2.10 -0.40	41.46 1.75 -0.01	37.17 1.50 0.00
EIGHT_POINT___WT_PWR 323820	34.18 -0.24 0.00	32.41 -0.10 0.00	30.91 -0.06 -0.44	29.74 0.23 -0.31	29.30 0.03 -0.28	32.07 -0.19 0.00	37.73 -0.62 0.00	42.50 -0.96 0.13	39.39 -0.93 0.00	36.59 -1.36 0.00	35.26 -1.24 0.00	35.97 -1.19 0.00	37.20 -1.12 0.25	38.47 -0.95 0.00	40.15 -1.16 0.17	41.79 -1.08 0.25	46.83 -1.41 0.48	61.10 -1.52 0.85	60.77 -0.43 0.03	56.24 0.11 0.00	48.01 0.43 0.00	42.92 0.00 0.00	39.87 0.16 0.00	36.07 0.39 0.00
ELBRIDGE_115KV_TB2 80188	34.20 -0.28 -0.06	32.36 -0.23 -0.08	31.24 -0.15 -0.85	29.78 -0.18 -0.77	29.47 -0.17 -0.65	32.36 -0.29 -0.39	38.49 -0.42 -0.56	43.48 -0.48 -0.38	39.94 -0.48 -0.11	37.43 -0.53 0.00	36.03 -0.47 0.00	36.90 -0.52 -0.27	38.20 -0.54 -0.17	39.07 -0.47 -0.13	40.92 -0.62 -0.06	42.52 -0.60 -0.01	48.29 -0.78 -0.34	62.65 -0.83 0.00	60.63 -0.61 -0.01	56.36 -0.39 -0.63	48.07 -0.24 -0.73	42.98 -0.34 -0.41	39.47 -0.24 0.00	35.36 -0.32 0.00
ELEC_TRO_TEK 24086	35.97 1.55 0.00	33.62 1.04 -0.07	31.27 0.70 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.07 0.81 0.00	39.84 1.50 0.00	45.20 1.61 0.00	42.71 1.77 -0.62	41.01 2.13 -0.92	39.97 2.30 -1.17	40.86 2.45 -1.25	42.49 2.47 -1.46	43.46 2.52 -1.52	46.12 2.99 -1.65	47.94 3.06 -1.76	53.29 3.02 -1.54	68.91 3.43 -2.01	65.37 2.88 -1.27	59.46 2.64 -0.70	49.25 1.52 -0.15	45.05 1.50 -0.64	41.70 1.99 0.00	37.53 1.86 0.00
ELLENBURG_WT_PWR 323604	35.46 0.89 -0.15	33.66 0.94 -0.21	31.42 0.89 0.00	30.49 0.87 -0.42	30.17 0.93 -0.26	34.35 1.06 -1.03	41.18 1.34 -1.49	46.14 1.57 -0.99	42.13 1.53 -0.28	39.36 1.41 0.00	37.81 1.31 0.00	38.98 1.11 -0.71	40.06 1.04 -0.46	40.66 0.91 -0.34	42.35 0.70 -0.16	43.70 0.56 -0.02	50.36 0.73 -0.90	64.48 1.01 0.00	62.48 1.22 -0.03	58.89 1.12 -1.64	50.38 0.90 -1.90	44.97 0.99 -1.07	40.74 1.03 0.00	36.82 1.14 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.56 -0.86 0.00	32.15 -0.36 0.00	30.70 -0.18 -0.34	29.26 -0.18 -0.24	29.07 -0.14 -0.22	31.45 -0.81 0.00	36.85 -1.50 0.00	40.92 -2.44 0.22	38.26 -2.06 0.00	36.02 -1.94 0.00	34.68 -1.83 0.00	35.08 -2.08 0.00	36.13 -2.01 0.43	37.57 -1.85 0.00	39.15 -2.03 0.30	40.23 -2.46 0.43	44.83 -3.17 0.73	58.01 -4.00 1.46	58.06 -3.12 0.05	53.49 -2.64 0.00	46.10 -1.47 0.00	41.24 -1.67 0.00	38.72 -0.99 0.00	34.86 -0.82 0.00
EMPIRE_CC_1 323656	34.52 0.10 0.00	32.35 -0.06 0.10	30.44 -0.06 0.04	29.13 -0.06 0.00	28.90 -0.09 0.00	32.29 0.03 0.00	38.43 0.08 0.00	43.67 0.09 0.00	39.58 0.08 0.81	36.95 0.19 1.20	35.09 0.11 1.52	35.61 0.07 1.62	36.75 0.08 1.90	37.49 0.04 1.97	39.49 0.17 2.15	41.04 0.22 2.30	46.91 0.20 2.01	60.94 0.13 2.66	59.43 -0.12 1.67	54.98 -0.22 0.92	47.14 -0.24 0.20	41.94 -0.13 0.84	39.49 -0.20 0.02	35.53 -0.14 0.00
EMPIRE_CC_2 323658	34.52 0.10 0.00	32.35 -0.06 0.10	30.44 -0.06 0.04	29.13 -0.06 0.00	28.90 -0.09 0.00	32.29 0.03 0.00	38.43 0.08 0.00	43.67 0.09 0.00	39.58 0.08 0.81	36.95 0.19 1.20	35.09 0.11 1.52	35.61 0.07 1.62	36.75 0.08 1.90	37.49 0.04 1.97	39.49 0.17 2.15	41.04 0.22 2.30	46.91 0.20 2.01	60.94 0.13 2.66	59.43 -0.12 1.67	54.98 -0.22 0.92	47.14 -0.24 0.20	41.94 -0.13 0.84	39.49 -0.20 0.02	35.53 -0.14 0.00
ENORWICH_115KV_TB1 80156	36.10 1.69 0.00	34.23 1.72 0.00	32.49 1.53 -0.42	30.92 1.43 -0.30	30.77 1.51 -0.27	33.87 1.61 0.00	40.50 2.15 0.00	46.07 2.48 0.00	42.29 1.98 0.00	39.17 1.21 0.00	37.41 0.91 0.00	37.90 0.74 0.00	39.45 0.89 0.00	40.09 0.67 0.00	42.06 0.58 0.00	43.94 0.82 0.00	50.04 1.32 0.00	65.88 2.41 0.00	64.47 3.24 0.00	59.78 3.65 0.00	50.91 3.33 0.00	45.62 2.70 0.00	42.25 2.54 0.00	37.53 1.86 0.00
ERIE_ST__34_KV_TB1-2 80199	33.49 -0.93 0.00	32.02 -0.49 0.00	30.55 -0.34 -0.35	29.18 -0.26 -0.25	28.95 -0.26 -0.22	31.39 -0.87 0.00	36.93 -1.42 0.00	41.02 -2.35 0.21	38.30 -2.02 0.00	36.06 -1.90 0.00	34.71 -1.79 0.00	35.19 -1.97 0.00	36.30 -1.85 0.42	37.72 -1.70 0.00	39.32 -1.87 0.29	40.41 -2.29 0.42	45.14 -2.87 0.71	58.49 -3.55 1.43	58.42 -2.76 0.05	53.83 -2.30 0.00	46.34 -1.24 0.00	41.37 -1.54 0.00	38.76 -0.95 0.00	34.89 -0.78 0.00
ERIE_WT_PWR 323693	33.56 -0.86 0.00	32.05 -0.46 0.00	30.27 -0.61 -0.34	29.24 -0.20 -0.25	28.75 -0.46 -0.22	31.32 -0.94 0.00	36.51 -1.84 0.00	40.75 -2.61 0.22	38.06 -2.26 0.00	35.38 -2.58 0.00	34.20 -2.30 0.00	35.19 -1.97 0.00	36.18 -1.97 0.42	37.69 -1.73 0.00	39.32 -1.87 0.29	40.41 -2.29 0.42	45.09 -2.92 0.72	57.84 -4.19 1.44	58.12 -3.06 0.05	53.82 -2.30 0.00	46.15 -1.43 0.00	41.28 -1.63 0.00	38.56 -1.15 0.00	35.46 -0.21 0.00
ESPRGFLD_115KV_TB1 80157	35.76 1.34 0.00	33.81 1.33 0.03	31.90 1.28 -0.08	30.49 1.23 -0.07	30.27 1.22 -0.06	33.65 1.39 0.00	40.07 1.73 0.00	45.41 1.83 0.00	41.42 1.33 0.22	38.43 0.80 0.33	36.56 0.47 0.42	37.12 0.41 0.44	38.51 0.46 0.52	39.36 0.47 0.54	41.39 0.50 0.59	43.18 0.69 0.63	49.40 1.22 0.55	65.04 2.28 0.72	63.72 2.94 0.45	58.85 2.97 0.25	50.04 2.52 0.05	44.92 2.23 0.23	41.66 1.95 0.00	37.17 1.50 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.80 0.38 0.00	32.93 0.42 0.00	31.55 0.46 -0.55	30.02 0.44 -0.39	29.75 0.41 -0.36	32.62 0.35 0.00	38.73 0.38 0.00	43.98 0.39 0.00	40.59 0.28 0.00	38.03 0.08 0.00	36.54 0.04 0.00	37.12 -0.04 0.00	38.56 0.00 0.00	39.50 0.08 0.00	41.48 0.00 0.00	43.16 0.04 0.00	48.78 0.05 0.00	63.92 0.44 0.00	62.02 0.80 0.00	57.14 1.01 0.00	48.58 1.00 0.00	43.60 0.69 0.00	40.43 0.71 0.00	36.10 0.43 0.00
ETNA____115KV_TB2 80207	34.80 0.38 0.00	32.93 0.42 0.00	31.55 0.46 -0.55	30.02 0.44 -0.39	29.75 0.41 -0.36	32.62 0.35 0.00	38.73 0.38 0.00	43.98 0.39 0.00	40.59 0.28 0.00	38.03 0.08 0.00	36.54 0.04 0.00	37.12 -0.04 0.00	38.56 0.00 0.00	39.50 0.08 0.00	41.48 0.00 0.00	43.16 0.04 0.00	48.78 0.05 0.00	63.92 0.44 0.00	62.02 0.80 0.00	57.14 1.01 0.00	48.58 1.00 0.00	43.60 0.69 0.00	40.43 0.71 0.00	36.10 0.43 0.00
EUCLID___115KV_TB2 356179	33.98 -0.52 -0.08	32.16 -0.46 -0.11	30.67 -0.40 -0.52	29.40 -0.38 -0.59	29.08 -0.38 -0.47	32.27 -0.52 -0.52	38.38 -0.73 -0.76	43.10 -0.83 -0.34	39.65 -0.81 -0.14	37.16 -0.80 0.00	35.77 -0.73 -0.36	36.73 -0.78 0.13	37.62 -0.81 -0.17	38.80 -0.79 0.17	40.44 -0.87 0.35	41.86 -0.91 0.35	47.65 -1.02 0.06	61.19 -1.21 1.08	60.23 -0.98 0.02	56.17 -0.79 -0.83	47.97 -0.57 -0.96	42.85 -0.60 -0.54	39.19 -0.52 0.00	35.14 -0.54 0.00
E_CANADA_CAP_HY 24051	36.14 1.72 0.00	34.03 1.56 0.04	32.05 1.53 0.02	30.65 1.46 0.00	30.41 1.42 0.00	34.00 1.74 0.00	40.46 2.11 0.00	45.76 2.18 0.00	41.28 1.29 0.32	38.02 0.53 0.47	35.94 0.04 0.60	36.41 -0.11 0.64	37.70 -0.12 0.75	38.56 -0.08 0.78	40.59 -0.04 0.85	42.43 0.22 0.91	48.96 1.02 0.79	64.76 2.35 1.06	63.99 3.43 0.67	59.30 3.54 0.37	50.35 2.85 0.08	45.15 2.57 0.34	41.88 2.18 0.01	37.42 1.75 0.00
E_CANADA_MHWK_HY 24050	34.41 -0.07 -0.06	32.53 -0.06 -0.09	30.45 -0.09 0.00	29.25 -0.12 -0.18	29.04 -0.06 -0.11	32.63 -0.06 -0.43	38.93 -0.04 -0.62	43.95 -0.04 -0.41	40.35 -0.08 -0.12	37.81 -0.15 0.00	36.32 -0.18 0.00	37.27 -0.18 -0.30	38.56 -0.19 -0.19	39.24 -0.32 -0.14	41.21 -0.33 -0.07	42.83 -0.30 -0.01	48.75 -0.34 -0.37	62.96 -0.51 0.00	60.87 -0.37 -0.01	56.52 -0.28 -0.67	48.12 -0.24 -0.78	43.22 -0.13 -0.43	39.63 -0.08 0.00	35.57 -0.11 0.00
E_FISHKILL___LBMP 23776	35.38 0.96 0.00	33.27 0.68 -0.08	31.09 0.52 -0.03	29.66 0.47 0.00	29.39 0.41 0.00	32.91 0.65 0.00	39.50 1.15 0.00	44.94 1.35 0.00	42.36 1.41 -0.63	40.45 1.56 -0.94	39.26 1.57 -1.19	40.17 1.75 -1.26	41.90 1.85 -1.48	42.89 1.93 -1.54	45.40 2.24 -1.68	47.19 2.29 -1.79	52.73 2.44 -1.57	68.31 2.79 -2.04	64.90 2.39 -1.28	58.80 1.96 -0.71	49.26 1.52 -0.16	44.94 1.37 -0.65	40.98 1.27 0.00	36.78 1.11 0.00
FALCON___SEABRD_CC1 323796	36.10 1.48 -0.20	34.28 1.50 -0.28	31.97 1.44 0.00	31.18 1.43 -0.56	30.81 1.48 -0.34	35.33 1.71 -1.36	42.43 2.11 -1.98	47.34 2.44 -1.31	43.07 2.38 -0.38	40.12 2.16 0.00	38.58 2.08 0.00	39.88 1.78 -0.94	40.86 1.69 -0.60	41.40 1.54 -0.45	43.02 1.33 -0.21	44.26 1.12 -0.03	51.28 1.36 -1.19	65.37 1.90 0.00	63.47 2.20 -0.04	60.26 1.96 -2.17	51.72 1.62 -2.52	45.96 1.63 -1.41	41.38 1.67 0.00	37.46 1.78 0.00
FALCON___SEABRD_CC2 323797	36.10 1.48 -0.20	34.28 1.50 -0.28	31.97 1.44 0.00	31.18 1.43 -0.56	30.81 1.48 -0.34	35.33 1.71 -1.36	42.43 2.11 -1.98	47.34 2.44 -1.31	43.07 2.38 -0.38	40.12 2.16 0.00	38.58 2.08 0.00	39.88 1.78 -0.94	40.86 1.69 -0.60	41.40 1.54 -0.45	43.02 1.33 -0.21	44.26 1.12 -0.03	51.28 1.36 -1.19	65.37 1.90 0.00	63.47 2.20 -0.04	60.26 1.96 -2.17	51.72 1.62 -2.52	45.96 1.63 -1.41	41.38 1.67 0.00	37.46 1.78 0.00

FAR ROCKAWAY___4 23548	36.52 2.10 0.00	34.11 1.53 -0.07	31.70 1.13 -0.03	30.16 0.96 0.00	29.86 0.87 0.00	33.49 1.23 0.00	40.34 1.99 0.00	45.76 2.18 0.00	43.23 2.30 -0.62	41.54 2.66 -0.92	40.52 2.85 -1.17	41.45 3.05 -1.25	43.15 3.12 -1.46	44.17 3.23 -1.52	46.91 3.77 -1.65	48.85 3.97 -1.76	54.32 4.04 -1.54	70.25 4.76 -2.01	66.72 4.22 -1.27	60.70 3.87 -0.70	50.20 2.47 -0.15	45.83 2.27 -0.64	42.41 2.42 0.00	38.10 2.43 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.97 1.55 0.00	33.75 1.17 -0.07	31.49 0.92 -0.03	30.01 0.82 0.00	29.74 0.75 0.00	33.29 1.03 0.00	40.15 1.80 0.00	45.68 2.09 0.00	43.15 2.22 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.11 2.71 -1.25	42.84 2.82 -1.46	43.89 2.96 -1.52	46.50 3.36 -1.66	48.38 3.49 -1.77	53.94 3.65 -1.55	69.86 4.38 -2.01	66.23 3.73 -1.27	59.91 3.09 -0.70	50.16 2.43 -0.15	45.74 2.19 -0.64	41.85 2.14 0.00	37.50 1.82 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.97 1.55 0.00	33.75 1.17 -0.07	31.49 0.92 -0.03	30.04 0.85 0.00	29.74 0.75 0.00	33.29 1.03 0.00	40.15 1.80 0.00	45.68 2.09 0.00	43.15 2.22 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.11 2.71 -1.25	42.84 2.82 -1.46	43.85 2.92 -1.52	46.50 3.36 -1.66	48.34 3.45 -1.77	53.94 3.65 -1.55	69.80 4.32 -2.01	66.23 3.73 -1.27	59.91 3.09 -0.70	50.16 2.43 -0.15	45.74 2.19 -0.64	41.85 2.14 0.00	37.50 1.82 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.97 1.55 0.00	33.72 1.14 -0.07	31.49 0.92 -0.03	30.01 0.82 0.00	29.71 0.72 0.00	33.29 1.03 0.00	40.11 1.76 0.00	45.63 2.05 0.00	43.11 2.18 -0.62	41.31 2.43 -0.92	40.12 2.45 -1.17	41.11 2.71 -1.25	42.80 2.78 -1.46	43.85 2.92 -1.52	46.46 3.32 -1.66	48.34 3.45 -1.77	53.89 3.61 -1.55	69.80 4.32 -2.01	66.17 3.67 -1.27	59.86 3.03 -0.70	50.11 2.38 -0.15	45.70 2.15 -0.64	41.82 2.10 0.00	37.46 1.78 0.00
FARRAGUT___LBMP 323566	35.93 1.51 0.00	33.72 1.14 -0.07	31.46 0.89 -0.03	29.98 0.79 0.00	29.71 0.72 0.00	33.26 1.00 0.00	40.11 1.76 0.00	45.59 2.00 0.00	43.07 2.14 -0.62	41.27 2.39 -0.92	40.08 2.41 -1.17	41.08 2.68 -1.25	42.76 2.74 -1.46	43.81 2.88 -1.52	46.42 3.28 -1.66	48.25 3.36 -1.77	53.84 3.56 -1.55	69.67 4.19 -2.01	66.10 3.61 -1.27	59.80 2.97 -0.70	50.06 2.33 -0.15	45.66 2.10 -0.64	41.78 2.06 0.00	37.42 1.75 0.00
FENNER___WINDPWR 24204	35.31 0.72 -0.16	33.42 0.68 -0.22	31.41 0.58 -0.29	30.44 0.58 -0.67	30.07 0.61 -0.47	34.08 0.71 -1.11	40.92 0.96 -1.61	45.83 1.18 -1.07	41.55 0.93 -0.31	38.53 0.57 0.00	37.01 0.51 0.00	38.44 0.52 -0.77	39.53 0.58 -0.39	40.34 0.55 -0.36	42.08 0.50 -0.10	43.64 0.60 0.08	49.42 0.24 -0.45	63.98 0.51 0.00	61.99 0.74 -0.02	58.18 0.90 -1.16	49.78 0.86 -1.35	44.31 0.64 -0.75	40.31 0.60 0.00	36.11 0.43 0.00
FIBERTEK___ENERGY 23856	34.31 -0.17 -0.06	32.47 -0.13 -0.09	31.30 -0.06 -0.82	29.90 -0.06 -0.76	29.55 -0.09 -0.64	32.50 -0.19 -0.44	38.71 -0.27 -0.63	43.66 -0.35 -0.42	40.11 -0.32 -0.12	37.58 -0.38 0.00	36.17 -0.33 0.00	37.09 -0.37 -0.30	38.37 -0.39 -0.19	39.21 -0.35 -0.14	41.09 -0.46 -0.07	42.65 -0.47 -0.01	48.48 -0.63 -0.38	62.84 -0.63 0.00	60.81 -0.43 -0.01	56.60 -0.22 -0.70	48.29 -0.10 -0.81	43.16 -0.21 -0.45	39.59 -0.12 0.00	35.46 -0.21 0.00
FITZPATRICK___ 23598	33.45 -0.96 0.00	31.63 -0.88 0.00	25.32 -0.82 4.39	25.31 -0.76 3.12	25.35 -0.78 2.86	31.32 -0.94 0.00	37.20 -1.15 0.00	42.28 -1.31 0.00	39.06 -1.25 0.00	36.74 -1.22 0.00	35.33 -1.17 0.00	36.00 -1.15 0.00	37.33 -1.24 0.00	38.20 -1.22 0.00	40.15 -1.33 0.00	41.78 -1.34 0.00	47.17 -1.56 0.00	61.44 -2.03 0.00	59.39 -1.84 0.00	54.56 -1.57 0.00	46.30 -1.28 0.00	41.71 -1.20 0.00	38.64 -1.07 0.00	34.71 -0.96 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.69 1.27 0.00	33.55 0.98 -0.07	31.39 0.82 -0.03	29.92 0.73 0.00	29.65 0.67 0.00	33.20 0.94 0.00	39.92 1.57 0.00	45.28 1.70 0.00	42.51 1.61 -0.58	40.56 1.75 -0.86	39.35 1.75 -1.09	40.18 1.86 -1.16	41.97 2.04 -1.36	42.96 2.13 -1.41	45.51 2.49 -1.54	47.39 2.63 -1.65	53.00 2.83 -1.44	68.84 3.49 -1.88	65.53 3.12 -1.18	59.53 2.75 -0.65	49.86 2.14 -0.14	45.40 1.89 -0.59	41.30 1.59 0.00	37.14 1.46 0.00
FORT ORANGE___ 23900	34.59 0.17 0.00	32.49 0.03 0.05	30.58 0.06 0.02	29.19 0.00 0.00	28.99 0.00 0.00	32.39 0.13 0.00	38.50 0.15 0.00	43.76 0.18 0.00	40.00 0.12 0.43	37.44 0.11 0.64	35.69 0.00 0.81	36.30 0.00 0.86	37.52 -0.04 1.01	38.18 -0.20 1.04	40.30 -0.04 1.14	41.90 0.00 1.22	47.71 0.05 1.07	62.11 0.06 1.42	60.27 -0.06 0.89	55.52 -0.11 0.49	47.28 -0.19 0.11	42.34 -0.13 0.45	39.38 -0.32 0.01	35.61 -0.07 0.00
FORT_DRUM_COGEN 23780	35.95 0.83 -0.71	34.29 0.81 -0.97	31.73 0.64 -0.55	32.14 0.58 -2.36	31.27 0.72 -1.56	37.90 0.84 -4.80	46.62 1.30 -6.96	49.82 1.61 -4.63	42.81 1.17 -1.33	38.53 0.57 0.00	36.94 0.44 0.00	40.81 0.33 -3.32	41.15 0.46 -2.13	41.31 0.32 -1.57	42.44 0.21 -0.76	43.55 0.34 -0.09	53.46 0.54 -4.19	64.49 1.02 0.00	63.09 1.71 -0.14	65.79 2.02 -7.65	58.32 1.86 -8.88	49.56 1.67 -4.97	41.18 1.47 0.00	36.68 1.00 0.00
FOX_HILLS___ESR 323835	26.09 1.72 10.05	22.62 1.27 11.15	18.84 0.98 12.67	14.86 0.85 15.18	15.10 0.78 14.67	19.96 1.03 13.33	25.92 1.80 14.23	26.33 2.09 19.34	26.43 2.38 16.26	25.37 2.62 15.21	26.13 2.66 13.03	26.60 2.90 13.45	28.52 3.01 13.05	31.17 3.15 11.40	37.15 3.61 7.94	39.04 3.75 7.83	45.96 3.80 6.56	63.06 4.57 4.98	59.41 3.92 5.74	53.10 3.26 6.28	38.78 2.62 11.41	30.16 2.32 15.07	33.43 2.42 8.70	27.30 2.00 10.37
FPL_FAR_ROCK_GT1 24212	36.48 2.06 0.00	34.08 1.50 -0.07	31.79 1.22 -0.03	30.13 0.93 0.00	29.86 0.87 0.00	33.52 1.26 0.00	40.38 2.03 0.00	45.41 1.83 0.00	43.23 2.30 -0.62	41.62 2.73 -0.92	40.56 2.88 -1.17	41.48 3.08 -1.25	43.22 3.20 -1.46	44.25 3.31 -1.52	46.33 3.19 -1.65	48.76 3.88 -1.76	54.31 4.04 -1.54	70.22 4.82 -1.92	66.72 4.28 -1.21	60.66 3.87 -0.67	50.24 2.52 -0.14	45.93 2.40 -0.61	42.62 2.90 -0.02	38.03 2.35 0.00
FPL_FAR_ROCK_GT2 23815	36.48 2.06 0.00	34.08 1.50 -0.07	31.79 1.22 -0.03	30.13 0.93 0.00	29.86 0.87 0.00	33.52 1.26 0.00	40.38 2.03 0.00	45.41 1.83 0.00	43.23 2.30 -0.62	41.62 2.73 -0.92	40.56 2.88 -1.17	41.48 3.08 -1.25	43.22 3.20 -1.46	44.25 3.31 -1.52	46.33 3.19 -1.65	48.76 3.88 -1.76	54.31 4.04 -1.54	70.22 4.82 -1.92	66.72 4.28 -1.21	60.66 3.87 -0.67	50.24 2.52 -0.14	45.93 2.40 -0.61	42.62 2.90 -0.02	38.03 2.35 0.00
FRANKLIN_FALL_HYD 24054	36.65 1.27 -0.96	35.09 1.27 -1.31	31.70 1.16 0.00	33.03 1.17 -2.67	31.80 1.19 -1.63	40.18 1.42 -6.50	49.54 1.76 -9.43	51.90 2.05 -6.26	44.12 2.02 -1.79	39.74 1.78 0.00	38.22 1.72 0.00	43.14 1.49 -4.50	42.87 1.43 -2.88	42.89 1.34 -2.13	43.66 1.16 -1.02	44.32 1.08 -0.12	55.83 1.41 -5.69	65.50 2.03 0.00	63.69 2.27 -0.20	68.47 1.96 -10.37	61.29 1.67 -12.05	51.25 1.59 -6.74	41.22 1.51 0.00	37.21 1.53 0.00

FREEPORT_EQUS_GT1 23764	36.14 1.72 0.00	33.75 1.17 -0.07	31.49 0.92 -0.03	29.83 0.64 0.00	29.57 0.58 0.00	33.23 0.97 0.00	40.00 1.65 0.00	44.94 1.35 0.00	42.79 1.86 -0.62	41.16 2.28 -0.92	40.16 2.48 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.69 2.76 -1.52	45.66 2.53 -1.65	48.03 3.15 -1.76	53.54 3.27 -1.54	69.27 3.87 -1.92	65.74 3.30 -1.21	59.82 3.03 -0.67	49.53 1.81 -0.14	45.37 1.84 -0.61	42.19 2.46 -0.02	37.67 2.00 0.00
FREEPORT___CT2 23818	36.14 1.72 0.00	33.75 1.17 -0.07	31.49 0.92 -0.03	29.83 0.64 0.00	29.57 0.58 0.00	33.23 0.97 0.00	40.00 1.65 0.00	44.94 1.35 0.00	42.79 1.86 -0.62	41.16 2.28 -0.92	40.16 2.48 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.69 2.76 -1.52	45.66 2.53 -1.65	48.03 3.15 -1.76	53.54 3.27 -1.54	69.27 3.87 -1.92	65.74 3.30 -1.21	59.82 3.03 -0.67	49.53 1.81 -0.14	45.37 1.84 -0.61	42.19 2.46 -0.02	37.67 2.00 0.00
FRESHKLS_33_KV_LOAD 356253	26.23 1.86 10.05	22.75 1.40 11.15	18.97 1.10 12.67	14.98 0.96 15.18	15.19 0.87 14.67	20.06 1.13 13.33	26.07 1.96 14.23	26.51 2.27 19.34	26.59 2.54 16.26	25.52 2.77 15.21	26.24 2.77 13.03	26.75 3.05 13.45	28.68 3.16 13.05	31.29 3.27 11.40	37.32 3.77 7.94	39.22 3.92 7.83	46.16 4.00 6.56	63.31 4.82 4.98	59.71 4.22 5.74	53.33 3.48 6.28	38.97 2.81 11.41	30.33 2.49 15.07	33.55 2.54 8.70	27.45 2.14 10.37
FULTON COGEN____ 23766	33.99 -0.52 -0.09	32.17 -0.46 -0.12	31.33 -0.40 -1.19	29.91 -0.38 -1.09	29.54 -0.38 -0.92	32.34 -0.52 -0.59	38.56 -0.65 -0.86	43.59 -0.74 -0.75	39.40 -1.09 -0.18	36.90 -1.06 0.00	35.52 -0.99 0.00	36.56 -1.04 -0.45	38.56 -1.08 -1.08	38.57 -1.06 -0.21	40.97 -1.16 -0.65	42.72 -1.21 -0.81	49.14 -1.51 -1.93	63.30 -1.33 -1.16	60.18 -1.10 -0.06	56.23 -0.84 -0.95	48.01 -0.67 -1.10	42.84 -0.69 -0.62	39.19 -0.52 0.00	35.11 -0.57 0.00
FULTON___LFGE 323630	36.07 1.65 0.00	33.93 1.46 0.04	31.96 1.44 0.02	30.57 1.37 0.00	30.29 1.31 0.00	33.91 1.64 0.00	40.38 2.03 0.00	45.63 2.05 0.00	41.08 1.13 0.36	37.76 0.34 0.54	35.57 -0.25 0.68	35.99 -0.44 0.72	37.18 -0.54 0.85	38.03 -0.51 0.88	40.10 -0.41 0.96	42.01 -0.09 1.02	48.66 0.83 0.90	64.54 2.28 1.21	63.83 3.37 0.76	59.08 3.37 0.42	50.15 2.66 0.09	44.98 2.44 0.38	41.76 2.06 0.01	37.28 1.61 0.00
G.F.CEMENT___DRP 24184	35.38 0.96 0.00	33.15 0.72 0.08	31.27 0.76 0.03	29.92 0.73 0.00	29.63 0.64 0.00	33.26 1.00 0.00	39.42 1.07 0.00	44.67 1.09 0.00	40.07 0.40 0.64	37.01 0.00 0.95	35.15 -0.15 1.21	35.73 -0.15 1.28	36.80 -0.27 1.50	37.70 -0.16 1.56	39.74 -0.04 1.70	41.52 0.22 1.82	48.21 1.07 1.59	62.86 1.46 2.07	61.52 1.52 1.30	56.93 1.52 0.72	48.42 1.00 0.16	43.29 1.03 0.66	40.46 0.75 0.00	36.25 0.57 0.00
GARDENVILLE___LBMP 24039	33.59 -0.83 0.00	32.18 -0.33 0.00	30.73 -0.15 -0.35	29.29 -0.15 -0.25	29.10 -0.12 -0.22	31.49 -0.77 0.00	36.93 -1.42 0.00	41.02 -2.35 0.22	38.34 -1.98 0.00	36.10 -1.86 0.00	34.75 -1.75 0.00	35.15 -2.01 0.00	36.22 -1.93 0.42	37.65 -1.77 0.00	39.24 -1.95 0.29	40.32 -2.37 0.42	44.99 -3.02 0.72	58.23 -3.81 1.44	58.24 -2.94 0.05	53.71 -2.41 0.00	46.25 -1.33 0.00	41.37 -1.54 0.00	38.80 -0.91 0.00	34.93 -0.75 0.00
GARDNVLA_35_KV_LD 355827	33.73 -0.69 0.00	32.28 -0.23 0.00	30.82 -0.06 -0.34	29.38 -0.06 -0.24	29.18 -0.03 -0.22	31.58 -0.68 0.00	37.08 -1.27 0.00	41.23 -2.14 0.22	38.50 -1.81 0.00	36.25 -1.71 0.00	34.89 -1.61 0.00	35.34 -1.82 0.00	36.37 -1.77 0.42	37.84 -1.58 0.00	39.40 -1.78 0.29	40.45 -2.24 0.43	45.13 -2.87 0.72	58.41 -3.62 1.44	58.42 -2.76 0.05	53.88 -2.25 0.00	46.44 -1.14 0.00	41.50 -1.42 0.00	38.92 -0.79 0.00	35.03 -0.64 0.00
GELCKHM___115KV_LOAD 80723	34.15 -0.34 -0.07	32.31 -0.29 -0.10	30.95 -0.24 -0.65	29.62 -0.23 -0.66	29.30 -0.23 -0.55	32.39 -0.35 -0.49	38.55 -0.50 -0.70	43.39 -0.57 -0.38	39.88 -0.56 -0.13	37.39 -0.57 0.00	35.95 -0.55 0.00	36.90 -0.59 -0.33	37.96 -0.62 -0.01	39.03 -0.55 -0.16	40.75 -0.66 0.07	42.23 -0.69 0.20	47.98 -0.83 -0.08	61.91 -0.95 0.61	60.49 -0.73 0.01	56.34 -0.56 -0.77	48.10 -0.38 -0.90	42.99 -0.43 -0.50	39.35 -0.36 0.00	35.25 -0.43 0.00
GENERAL___MILLS 23808	33.66 -0.76 0.00	32.25 -0.26 0.00	30.76 -0.12 -0.34	29.35 -0.09 -0.25	29.15 -0.06 -0.22	31.55 -0.71 0.00	37.01 -1.34 0.00	41.15 -2.22 0.22	38.42 -1.89 0.00	36.17 -1.78 0.00	34.82 -1.68 0.00	35.26 -1.89 0.00	36.29 -1.85 0.42	37.72 -1.70 0.00	39.32 -1.87 0.29	40.41 -2.29 0.42	45.08 -2.92 0.72	58.29 -3.74 1.44	58.30 -2.88 0.05	53.77 -2.36 0.00	46.34 -1.24 0.00	41.41 -1.50 0.00	38.84 -0.87 0.00	35.00 -0.68 0.00
GE_PLASTICS___DRP 24183	34.56 0.14 0.00	32.53 0.07 0.04	30.58 0.06 0.02	29.25 0.06 0.00	29.05 0.06 0.00	32.39 0.13 0.00	38.46 0.12 0.00	43.76 0.17 0.00	40.14 0.16 0.33	37.62 0.15 0.49	36.03 0.15 0.62	36.68 0.19 0.66	37.95 0.15 0.77	38.38 -0.24 0.80	40.52 -0.08 0.88	42.14 -0.04 0.94	47.76 -0.15 0.82	62.09 -0.32 1.07	60.07 -0.49 0.67	55.25 -0.51 0.37	46.97 -0.52 0.08	42.19 -0.39 0.34	39.23 -0.48 0.00	35.68 0.00 0.00
GILBOA___1 23756	34.73 0.31 0.00	33.09 0.59 0.00	31.24 0.70 0.00	29.87 0.67 0.00	29.77 0.78 0.00	32.84 0.58 0.00	38.69 0.34 0.00	43.98 0.39 0.00	40.67 0.36 0.00	38.34 0.38 0.00	36.87 0.36 0.00	37.53 0.37 0.00	38.99 0.42 0.00	39.85 0.43 0.00	42.02 0.54 0.00	43.68 0.56 0.00	49.31 0.59 0.00	64.29 0.82 0.00	61.71 0.49 0.00	56.52 0.40 0.00	47.96 0.38 0.00	43.39 0.47 0.00	40.15 0.44 0.00	36.07 0.39 0.00
GILBOA___2 23757	34.73 0.31 0.00	33.09 0.59 0.00	31.24 0.70 0.00	29.87 0.67 0.00	29.77 0.78 0.00	32.84 0.58 0.00	38.69 0.34 0.00	43.98 0.39 0.00	40.67 0.36 0.00	38.34 0.38 0.00	36.87 0.36 0.00	37.53 0.37 0.00	38.99 0.42 0.00	39.85 0.43 0.00	42.02 0.54 0.00	43.68 0.56 0.00	49.31 0.59 0.00	64.29 0.82 0.00	61.71 0.49 0.00	56.52 0.40 0.00	47.96 0.38 0.00	43.39 0.47 0.00	40.15 0.44 0.00	36.07 0.39 0.00
GILBOA___3 23758	34.73 0.31 0.00	33.09 0.59 0.00	31.24 0.70 0.00	29.87 0.67 0.00	29.77 0.78 0.00	32.84 0.58 0.00	38.69 0.34 0.00	43.98 0.39 0.00	40.67 0.36 0.00	38.34 0.38 0.00	36.87 0.36 0.00	37.53 0.37 0.00	38.99 0.42 0.00	39.85 0.43 0.00	42.02 0.54 0.00	43.68 0.56 0.00	49.31 0.59 0.00	64.29 0.82 0.00	61.71 0.49 0.00	56.52 0.40 0.00	47.96 0.38 0.00	43.39 0.47 0.00	40.15 0.44 0.00	36.07 0.39 0.00
GILBOA___4 23759	34.73 0.31 0.00	33.09 0.59 0.00	31.24 0.70 0.00	29.87 0.67 0.00	29.77 0.78 0.00	32.84 0.58 0.00	38.69 0.34 0.00	43.98 0.39 0.00	40.67 0.36 0.00	38.34 0.38 0.00	36.87 0.36 0.00	37.53 0.37 0.00	38.99 0.42 0.00	39.85 0.43 0.00	42.02 0.54 0.00	43.68 0.56 0.00	49.31 0.59 0.00	64.29 0.82 0.00	61.71 0.49 0.00	56.52 0.40 0.00	47.96 0.38 0.00	43.39 0.47 0.00	40.15 0.44 0.00	36.07 0.39 0.00

GILBOA____ 23599	34.69 0.28 0.00	33.06 0.55 0.00	31.24 0.70 0.00	29.86 0.67 0.00	29.63 0.64 0.00	32.84 0.58 0.00	38.66 0.31 0.00	43.93 0.35 0.00	40.68 0.36 0.00	38.30 0.34 0.00	36.83 0.33 0.00	37.53 0.37 0.00	38.99 0.42 0.00	39.85 0.43 0.00	42.02 0.54 0.00	43.68 0.56 0.00	49.31 0.58 0.00	64.30 0.83 0.00	61.72 0.49 0.00	56.52 0.39 0.00	47.96 0.38 0.00	43.39 0.47 0.00	40.11 0.40 0.00	36.10 0.43 0.00
GINNA____ 23603	32.59 -1.83 0.00	30.88 -1.62 0.00	29.24 -1.62 -0.32	28.05 -1.37 -0.23	27.72 -1.48 -0.21	30.42 -1.84 0.00	35.86 -2.49 0.00	40.48 -2.83 0.27	37.61 -2.70 0.00	35.30 -2.66 0.00	33.94 -2.56 0.00	34.70 -2.45 0.00	35.34 -2.70 0.52	36.90 -2.52 0.00	38.25 -2.86 0.36	39.57 -3.02 0.53	44.36 -3.46 0.91	57.36 -4.32 1.80	57.56 -3.61 0.06	53.15 -2.98 0.00	45.10 -2.48 0.00	40.47 -2.44 0.00	37.60 -2.11 0.00	33.89 -1.78 0.00
GLEN PARK____ 23778	36.05 0.96 -0.67	34.34 0.91 -0.92	31.82 0.70 -0.58	32.14 0.67 -2.28	31.31 0.81 -1.51	37.74 0.94 -4.54	46.36 1.42 -6.59	49.75 1.79 -4.38	42.82 1.25 -1.25	38.56 0.61 0.00	36.94 0.44 0.00	40.71 0.41 -3.15	41.12 0.54 -2.01	41.26 0.35 -1.49	42.45 0.25 -0.72	43.64 0.43 -0.09	53.38 0.68 -3.97	64.67 1.20 0.00	63.32 1.96 -0.14	65.72 2.36 -7.24	58.13 2.14 -8.41	49.51 1.89 -4.71	41.34 1.63 0.00	36.85 1.18 0.00
GLENDALE_27_KV_LOAD 356172	36.14 1.72 0.00	33.88 1.30 -0.07	31.58 1.01 -0.03	30.10 0.90 0.00	29.80 0.81 0.00	33.36 1.10 0.00	40.23 1.88 0.00	45.72 2.14 0.00	43.31 2.38 -0.62	41.50 2.62 -0.92	40.34 2.66 -1.17	41.34 2.94 -1.25	43.03 3.01 -1.46	44.09 3.15 -1.52	46.75 3.61 -1.66	48.64 3.75 -1.77	54.13 3.85 -1.55	70.06 4.57 -2.01	66.41 3.92 -1.27	60.02 3.20 -0.70	50.30 2.57 -0.15	45.83 2.27 -0.64	42.09 2.38 0.00	37.67 2.00 0.00
GLENWOOD_IC_1_G5 23712	36.04 1.62 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.92 0.73 0.00	29.65 0.67 0.00	33.23 0.97 0.00	40.04 1.69 0.00	45.46 1.87 0.00	42.95 2.02 -0.62	41.20 2.32 -0.92	40.12 2.45 -1.17	41.04 2.64 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.37 3.24 -1.65	48.07 3.19 -1.76	53.39 3.12 -1.54	69.10 3.62 -2.01	65.55 3.06 -1.27	59.52 2.69 -0.70	49.44 1.71 -0.15	45.44 1.89 -0.64	41.85 2.14 0.00	37.57 1.89 0.00
GLENWOOD_IC_2_G1 23688	35.86 1.45 0.00	33.62 1.04 -0.07	31.42 0.85 -0.03	29.83 0.64 0.00	29.57 0.58 0.00	33.16 0.90 0.00	39.96 1.61 0.00	45.20 1.61 0.00	42.83 1.90 -0.62	41.12 2.24 -0.92	39.97 2.30 -1.17	40.85 2.45 -1.25	42.57 2.54 -1.46	43.58 2.64 -1.52	45.91 2.78 -1.65	47.94 3.06 -1.76	53.44 3.17 -1.54	69.14 3.74 -1.92	65.62 3.18 -1.21	59.54 2.75 -0.67	49.68 1.95 -0.15	45.37 1.84 -0.61	41.79 2.06 -0.02	37.32 1.64 0.00
GLENWOOD_IC_3_G1 23689	35.86 1.45 0.00	33.62 1.04 -0.07	31.42 0.85 -0.03	29.83 0.64 0.00	29.57 0.58 0.00	33.16 0.90 0.00	39.96 1.61 0.00	45.20 1.61 0.00	42.83 1.90 -0.62	41.12 2.24 -0.92	39.97 2.30 -1.17	40.85 2.45 -1.25	42.57 2.54 -1.46	43.58 2.64 -1.52	45.91 2.78 -1.65	47.94 3.06 -1.76	53.44 3.17 -1.54	69.14 3.74 -1.92	65.62 3.18 -1.21	59.54 2.75 -0.67	49.68 1.95 -0.15	45.37 1.84 -0.61	41.79 2.06 -0.02	37.32 1.64 0.00
GLENWOOD____4 23550	36.04 1.62 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.92 0.73 0.00	29.65 0.67 0.00	33.23 0.97 0.00	40.04 1.69 0.00	45.46 1.87 0.00	42.95 2.02 -0.62	41.20 2.32 -0.92	40.12 2.45 -1.17	41.04 2.64 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.37 3.24 -1.65	48.11 3.23 -1.76	53.49 3.22 -1.54	69.23 3.74 -2.01	65.68 3.18 -1.27	59.63 2.81 -0.70	49.58 1.86 -0.15	45.44 1.89 -0.64	41.85 2.14 0.00	37.57 1.89 0.00
GLENWOOD____5 23614	36.04 1.62 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.92 0.73 0.00	29.65 0.67 0.00	33.23 0.97 0.00	40.04 1.69 0.00	45.46 1.87 0.00	42.95 2.02 -0.62	41.20 2.32 -0.92	40.12 2.45 -1.17	41.04 2.64 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.37 3.24 -1.65	48.11 3.23 -1.76	53.49 3.22 -1.54	69.23 3.74 -2.01	65.68 3.18 -1.27	59.63 2.81 -0.70	49.58 1.86 -0.15	45.44 1.89 -0.64	41.85 2.14 0.00	37.57 1.89 0.00
GLOBAL GREEN_PORT_GT1 23814	36.21 1.79 0.00	33.59 1.01 -0.07	31.24 0.67 -0.03	29.57 0.38 0.00	29.31 0.32 0.00	33.07 0.81 0.00	39.92 1.57 0.00	44.98 1.39 0.00	43.07 2.14 -0.62	41.58 2.70 -0.92	40.77 3.10 -1.17	41.67 3.27 -1.25	43.61 3.59 -1.46	43.62 2.68 -1.52	45.29 2.16 -1.65	47.77 2.89 -1.76	53.24 2.97 -1.54	68.51 3.11 -1.92	66.66 4.22 -1.21	61.01 4.21 -0.67	50.14 2.43 -0.14	45.80 2.27 -0.61	42.27 2.54 -0.02	37.78 2.10 0.00
GLOBE____DSASP 323697	33.32 -1.10 0.00	32.02 -0.49 0.00	30.60 -0.27 -0.33	29.11 -0.32 -0.24	28.94 -0.26 -0.22	31.23 -1.03 0.00	35.74 -2.61 0.00	39.61 -3.75 0.23	37.09 -3.22 0.00	35.00 -2.96 0.00	33.69 -2.81 0.00	34.03 -3.12 0.00	34.95 -3.16 0.45	36.42 -3.00 0.00	37.93 -3.24 0.31	38.91 -3.75 0.45	43.28 -4.68 0.77	55.85 -6.09 1.53	55.97 -5.20 0.05	51.69 -4.43 0.00	44.63 -2.95 0.00	40.00 -2.92 0.00	37.61 -2.10 0.00	33.93 -1.75 0.00
GOETHSLN____LBMP 323567	25.70 1.34 10.06	22.29 0.94 11.16	18.59 0.73 12.68	14.65 0.64 15.19	14.86 0.55 14.68	19.76 0.84 13.34	25.64 1.53 14.24	26.02 1.79 19.35	25.98 1.93 16.27	24.90 2.16 15.22	25.69 2.23 13.04	26.15 2.45 13.46	28.05 2.55 13.06	30.65 2.64 11.41	36.60 3.07 7.95	38.43 3.15 7.83	45.42 3.26 6.57	62.35 3.87 4.99	58.72 3.24 5.75	52.48 2.64 6.29	38.20 2.05 11.42	29.72 1.89 15.08	32.87 1.87 8.71	26.87 1.57 10.38
GOLAH____69_KV_TB 1_2 80279	34.32 -0.10 0.00	32.67 0.16 0.00	31.08 0.21 -0.33	29.60 0.18 -0.24	29.44 0.23 -0.22	32.13 -0.13 0.00	37.77 -0.58 0.00	42.41 -0.92 0.26	39.43 -0.89 0.00	37.12 -0.84 0.00	35.62 -0.88 0.00	36.15 -1.00 0.00	36.94 -1.12 0.50	38.47 -0.95 0.00	39.97 -1.16 0.35	41.23 -1.38 0.51	46.16 -1.71 0.87	59.85 -1.90 1.72	60.01 -1.16 0.06	55.40 -0.73 0.00	47.24 -0.33 0.00	42.36 -0.56 0.00	39.55 -0.16 0.00	35.50 -0.18 0.00
GOODYEAR_LAKE_HYD 323669	35.24 0.83 0.00	33.42 0.91 0.00	31.60 0.89 -0.18	30.14 0.82 -0.12	29.94 0.84 -0.11	33.16 0.90 0.00	39.46 1.11 0.00	44.80 1.22 0.00	41.36 1.05 0.00	38.72 0.76 0.00	37.12 0.62 0.00	37.79 0.63 0.00	39.30 0.73 0.00	40.13 0.71 0.00	42.27 0.79 0.00	44.02 0.91 0.00	49.85 1.12 0.00	65.19 1.71 0.00	63.19 1.96 0.00	58.09 1.96 0.00	49.29 1.71 0.00	44.42 1.50 0.00	41.06 1.35 0.00	36.71 1.03 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.38 -0.03 0.00	32.57 0.07 0.00	31.11 0.15 -0.42	29.64 0.15 -0.30	29.38 0.12 -0.27	32.23 -0.03 0.00	38.23 -0.12 0.00	43.27 -0.26 0.06	40.07 -0.24 0.00	37.65 -0.30 0.00	36.25 -0.26 0.00	36.86 -0.30 0.00	38.26 -0.19 0.11	39.30 -0.12 0.00	41.24 -0.17 0.08	42.83 -0.17 0.11	48.24 -0.29 0.20	62.90 -0.19 0.38	61.28 0.06 0.01	56.30 0.17 0.00	47.91 0.33 0.00	43.04 0.13 0.00	39.95 0.24 0.00	35.75 0.07 0.00

GOUDEY___7 23579	34.38	32.57	31.11	29.64	29.38	32.23	38.23	43.27	40.07	37.65	36.25	36.86	38.26	39.30	41.24	42.83	48.24	62.90	61.28	56.30	47.91	43.04	39.95	35.75
	-0.03	0.07	0.15	0.15	0.12	-0.03	-0.12	-0.26	-0.24	-0.30	-0.26	-0.30	-0.19	-0.12	-0.17	-0.17	-0.29	-0.19	0.06	0.17	0.33	0.13	0.24	0.07
	0.00	0.00	-0.42	-0.30	-0.27	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.11	0.00	0.08	0.11	0.20	0.38	0.01	0.00	0.00	0.00	0.00	0.00
GOUDEY___8 23580	34.38	32.57	31.11	29.64	29.38	32.23	38.23	43.27	40.07	37.65	36.25	36.86	38.26	39.30	41.24	42.83	48.24	62.90	61.28	56.30	47.91	43.04	39.95	35.75
	-0.03	0.07	0.15	0.15	0.12	-0.03	-0.12	-0.26	-0.24	-0.30	-0.26	-0.30	-0.19	-0.12	-0.17	-0.17	-0.29	-0.19	0.06	0.17	0.33	0.13	0.24	0.07
	0.00	0.00	-0.42	-0.30	-0.27	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.11	0.00	0.08	0.11	0.20	0.38	0.01	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_1 24077	36.17	33.88	31.58	30.07	29.77	33.29	40.19	45.72	43.31	41.55	40.38	41.35	43.08	44.10	46.76	48.65	54.14	70.06	66.48	60.08	50.36	45.88	42.13	37.71
	1.76	1.30	1.01	0.88	0.78	1.03	1.84	2.14	2.38	2.66	2.70	2.94	3.05	3.15	3.61	3.75	3.85	4.57	3.98	3.26	2.62	2.32	2.42	2.03
	0.00	-0.07	-0.03	0.00	0.00	0.00	0.00	0.00	-0.62	-0.93	-1.18	-1.25	-1.47	-1.52	-1.67	-1.78	-1.56	-2.02	-1.27	-0.70	-0.16	-0.65	0.00	0.00
GOWANUS_GT1_2 24078	36.17	33.88	31.58	30.07	29.77	33.29	40.19	45.72	43.31	41.55	40.38	41.35	43.08	44.10	46.76	48.65	54.14	70.06	66.48	60.08	50.36	45.88	42.13	37.71
	1.76	1.30	1.01	0.88	0.78	1.03	1.84	2.14	2.38	2.66	2.70	2.94	3.05	3.15	3.61	3.75	3.85	4.57	3.98	3.26	2.62	2.32	2.42	2.03
	0.00	-0.07	-0.03	0.00	0.00	0.00	0.00	0.00	-0.62	-0.93	-1.18	-1.25	-1.47	-1.52	-1.67	-1.78	-1.56	-2.02	-1.27	-0.70	-0.16	-0.65	0.00	0.00
GOWANUS_GT1_3 24079	36.17	33.88	31.58	30.07	29.77	33.29	40.19	45.72	43.31	41.55	40.38	41.35	43.08	44.10	46.76	48.65	54.14	70.06	66.48	60.08	50.36	45.88	42.13	37.71
	1.76	1.30	1.01	0.88	0.78	1.03	1.84	2.14	2.38	2.66	2.70	2.94	3.05	3.15	3.61	3.75	3.85	4.57	3.98	3.26	2.62	2.32	2.42	2.03
	0.00	-0.07	-0.03	0.00	0.00	0.00	0.00	0.00	-0.62	-0.93	-1.18	-1.25	-1.47	-1.52	-1.67	-1.78	-1.56	-2.02	-1.27	-0.70	-0.16	-0.65	0.00	0.00
GOWANUS_GT1_4 24080	36.17	33.88	31.58	30.07	29.77	33.29	40.19	45.72	43.31	41.55	40.38	41.35	43.08	44.10	46.76	48.65	54.14	70.06	66.48	60.08	50.36	45.88	42.13	37.71
	1.76	1.30	1.01	0.88	0.78	1.03	1.84	2.14	2.38	2.66	2.70	2.94	3.05	3.15	3.61	3.75	3.85	4.57	3.98	3.26	2.62	2.32	2.42	2.03
	0.00	-0.07	-0.03	0.00	0.00	0.00	0.00	0.00	-															

GOWANUS_GT2_6 24119	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
GOWANUS_GT2_7 24120	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
GOWANUS_GT2_8 24121	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
GOWANUS_GT3_1 24122	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
GOWANUS_GT3_2 24123	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
GOWANUS_GT3_3 24124	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
GOWANUS_GT3_4 24125	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
GOWANUS_GT3_5 24126	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77																			

GOWANUS_GT4_5 24134	36.17 1.76 0.00	33.88 1.30 -0.07	31.58 1.01 -0.03	30.07 0.88 0.00	29.77 0.78 0.00	33.29 1.03 0.00	40.19 1.84 0.00	45.72 2.14 0.00	43.31 2.38 -0.62	41.55 2.66 -0.93	40.38 2.70 -1.18	41.35 2.94 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.76 3.61 -1.67	48.65 3.75 -1.78	54.14 3.85 -1.56	70.06 4.57 -2.02	66.48 3.98 -1.27	60.08 3.26 -0.70	50.36 2.62 -0.16	45.88 2.32 -0.65	42.13 2.42 0.00	37.71 2.03 0.00
GOWANUS_GT4_6 24135	36.17 1.76 0.00	33.88 1.30 -0.07	31.58 1.01 -0.03	30.07 0.88 0.00	29.77 0.78 0.00	33.29 1.03 0.00	40.19 1.84 0.00	45.72 2.14 0.00	43.31 2.38 -0.62	41.55 2.66 -0.93	40.38 2.70 -1.18	41.35 2.94 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.76 3.61 -1.67	48.65 3.75 -1.78	54.14 3.85 -1.56	70.06 4.57 -2.02	66.48 3.98 -1.27	60.08 3.26 -0.70	50.36 2.62 -0.16	45.88 2.32 -0.65	42.13 2.42 0.00	37.71 2.03 0.00
GOWANUS_GT4_7 24136	36.17 1.76 0.00	33.88 1.30 -0.07	31.58 1.01 -0.03	30.07 0.88 0.00	29.77 0.78 0.00	33.29 1.03 0.00	40.19 1.84 0.00	45.72 2.14 0.00	43.31 2.38 -0.62	41.55 2.66 -0.93	40.38 2.70 -1.18	41.35 2.94 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.76 3.61 -1.67	48.65 3.75 -1.78	54.14 3.85 -1.56	70.06 4.57 -2.02	66.48 3.98 -1.27	60.08 3.26 -0.70	50.36 2.62 -0.16	45.88 2.32 -0.65	42.13 2.42 0.00	37.71 2.03 0.00
GOWANUS_GT4_8 24137	36.17 1.76 0.00	33.88 1.30 -0.07	31.58 1.01 -0.03	30.07 0.88 0.00	29.77 0.78 0.00	33.29 1.03 0.00	40.19 1.84 0.00	45.72 2.14 0.00	43.31 2.38 -0.62	41.55 2.66 -0.93	40.38 2.70 -1.18	41.35 2.94 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.76 3.61 -1.67	48.65 3.75 -1.78	54.14 3.85 -1.56	70.06 4.57 -2.02	66.48 3.98 -1.27	60.08 3.26 -0.70	50.36 2.62 -0.16	45.88 2.32 -0.65	42.13 2.42 0.00	37.71 2.03 0.00
GREATVRV_69_KV_BK1 356245	36.52 2.10 0.00	34.05 1.46 -0.07	31.58 1.01 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.39 1.13 0.00	40.30 1.96 0.00	45.76 2.18 0.00	43.23 2.30 -0.62	41.54 2.66 -0.92	40.59 2.92 -1.17	41.38 2.97 -1.25	43.03 3.01 -1.46	44.05 3.11 -1.52	46.62 3.48 -1.65	48.42 3.54 -1.76	53.97 3.70 -1.54	69.74 4.25 -2.01	66.29 3.80 -1.27	60.53 3.70 -0.70	49.82 2.09 -0.15	45.66 2.10 -0.64	42.41 2.70 0.00	38.21 2.53 0.00
GREENBSH_115KV_TB3 55895	34.38 -0.03 0.00	32.26 -0.20 0.06	30.33 -0.18 0.02	29.05 -0.15 0.00	28.87 -0.12 0.00	32.23 -0.03 0.00	38.23 -0.12 0.00	43.54 -0.04 0.00	39.81 -0.04 0.46	37.20 -0.08 0.68	35.56 -0.07 0.87	36.16 -0.07 0.92	37.37 -0.12 1.08	38.02 -0.28 1.12	40.17 -0.08 1.22	41.73 -0.09 1.31	47.49 -0.10 1.14	61.73 -0.25 1.49	59.86 -0.43 0.94	55.16 -0.45 0.51	46.94 -0.52 0.11	42.06 -0.39 0.47	39.19 -0.52 0.00	35.50 -0.18 0.00
GREENDGE_115KV_TB5 80291	34.93 0.52 0.00	33.09 0.59 0.00	31.76 0.70 -0.52	30.24 0.67 -0.37	29.97 0.64 -0.34	32.78 0.52 0.00	38.92 0.58 0.00	44.02 0.52 0.08	40.68 0.36 0.00	38.07 0.11 0.00	36.61 0.11 0.00	37.08 -0.07 0.00	38.40 0.00 0.16	39.58 0.16 0.00	41.32 -0.04 0.11	42.99 0.04 0.17	48.43 0.00 0.30	63.48 0.57 0.56	62.43 1.22 0.02	57.59 1.46 0.00	49.01 1.43 0.00	43.82 0.90 0.00	40.70 0.99 0.00	36.32 0.64 0.00
GREENIDGE___3 23582	34.93 0.52 0.00	33.09 0.59 0.00	31.76 0.70 -0.52	30.24 0.67 -0.37	29.97 0.64 -0.34	32.78 0.52 0.00	38.92 0.58 0.00	44.02 0.52 0.08	40.68 0.36 0.00	38.07 0.11 0.00	36.61 0.11 0.00	37.08 -0.07 0.00	38.40 0.00 0.16	39.58 0.16 0.00	41.32 -0.04 0.11	42.99 0.04 0.17	48.43 0.00 0.30	63.48 0.57 0.56	62.43 1.22 0.02	57.59 1.46 0.00	49.01 1.43 0.00	43.82 0.90 0.00	40.70 0.99 0.00	36.32 0.64 0.00
GREENIDGE___4 23583	34.86 0.45 0.00	33.00 0.49 0.00	31.52 0.46 -0.52	30.18 0.61 -0.37	29.79 0.46 -0.34	32.68 0.42 0.00	38.69 0.34 0.00	43.85 0.35 0.08	40.51 0.20 0.00	37.77 -0.19 0.00	36.36 -0.15 0.00	37.08 -0.07 0.00	38.36 -0.04 0.16	39.54 0.12 0.00	41.32 -0.04 0.11	42.99 0.04 0.17	48.43 0.00 0.30	63.29 0.38 0.56	62.31 1.10 0.02	57.58 1.46 0.00	48.96 1.38 0.00	43.77 0.86 0.00	40.58 0.87 0.00	36.50 0.82 0.00
GREENLWN_69_KV_BK 3 55738	35.73 1.31 0.00	33.33 0.75 -0.07	30.97 0.40 -0.03	29.43 0.23 0.00	29.13 0.14 0.00	32.75 0.48 0.00	39.50 1.15 0.00	44.80 1.22 0.00	42.35 1.41 -0.62	40.70 1.82 -0.92	39.75 2.08 -1.17	40.63 2.23 -1.25	42.03 2.01 -1.46	42.87 1.93 -1.52	45.33 2.20 -1.65	47.17 2.29 -1.76	52.42 2.14 -1.54	67.71 2.22 -2.01	64.27 1.78 -1.27	58.51 1.68 -0.70	48.30 0.57 -0.15	44.20 0.64 -0.64	41.30 1.59 0.00	37.32 1.64 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.17 1.76 0.00	33.88 1.30 -0.07	31.58 1.01 -0.03	30.07 0.88 0.00	29.77 0.78 0.00	33.29 1.03 0.00	40.19 1.84 0.00	45.72 2.14 0.00	43.31 2.38 -0.62	41.55 2.66 -0.93	40.38 2.70 -1.18	41.35 2.94 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.76 3.61 -1.67	48.65 3.75 -1.78	54.14 3.85 -1.56	70.06 4.57 -2.02	66.48 3.98 -1.27	60.08 3.26 -0.70	50.36 2.62 -0.16	45.88 2.32 -0.65	42.13 2.42 0.00	37.71 2.03 0.00
GRISSOM___SOLAR 323813	35.93 1.51 0.00	33.83 1.37 0.04	31.86 1.34 0.02	30.45 1.25 0.00	30.20 1.22 0.00	33.78 1.52 0.00	40.23 1.88 0.00	45.46 1.87 0.00	40.95 1.01 0.37	37.64 0.23 0.55	35.48 -0.33 0.69	35.86 -0.56 0.74	37.01 -0.69 0.86	37.85 -0.67 0.90	39.92 -0.58 0.98	41.86 -0.21 1.05	48.49 0.68 0.92	64.32 2.09 1.24	63.51 3.06 0.78	58.78 3.08 0.43	49.91 2.43 0.09	44.75 2.23 0.39	41.57 1.87 0.01	37.17 1.50 0.00
GROVEVILLE___HYD 323602	35.69 1.27 0.00	33.55 0.98 -0.07	31.39 0.82 -0.03	29.92 0.73 0.00	29.65 0.67 0.00	33.20 0.94 0.00	39.92 1.57 0.00	45.28 1.70 0.00	42.51 1.61 -0.58	40.56 1.75 -0.86	39.35 1.75 -1.09	40.18 1.86 -1.16	41.97 2.04 -1.36	42.96 2.13 -1.41	45.51 2.49 -1.54	47.39 2.63 -1.65	53.00 2.83 -1.44	68.84 3.49 -1.88	65.53 3.12 -1.18	59.53 2.75 -0.65	49.86 2.14 -0.14	45.40 1.89 -0.59	41.30 1.59 0.00	37.14 1.46 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.31 -0.17 -0.06	32.47 -0.13 -0.09	31.30 -0.06 -0.82	29.90 -0.06 -0.76	29.55 -0.09 -0.64	32.50 -0.19 -0.44	38.71 -0.27 -0.63	43.66 -0.35 -0.42	40.11 -0.32 -0.12	37.58 -0.38 0.00	36.17 -0.33 0.00	37.09 -0.37 -0.30	38.37 -0.39 -0.19	39.21 -0.35 -0.14	41.09 -0.46 -0.07	42.65 -0.47 -0.01	48.48 -0.63 -0.38	62.84 -0.63 0.00	60.81 -0.43 -0.01	56.60 -0.22 -0.70	48.29 -0.10 -0.81	43.16 -0.21 -0.45	39.59 -0.12 0.00	35.46 -0.21 0.00
HAMLTNNY_34_KV_TB 80303	34.44 -0.03 -0.06	32.58 0.00 -0.08	31.41 0.06 -0.81	29.98 0.06 -0.73	29.66 0.06 -0.62	32.57 -0.06 -0.38	38.74 -0.15 -0.55	43.77 -0.17 -0.36	40.21 -0.20 -0.10	37.69 -0.27 0.00	36.28 -0.22 0.00	37.12 -0.30 -0.26	38.42 -0.31 -0.17	39.35 -0.20 -0.12	41.17 -0.37 -0.06	42.74 -0.39 -0.01	48.53 -0.54 -0.33	63.03 -0.44 0.00	61.12 -0.12 -0.01	56.79 0.06 -0.61	48.43 0.14 -0.71	43.31 0.00 -0.40	39.79 0.08 0.00	35.57 -0.11 0.00

HAMPSHIRE___PAPER_HYD 323593	36.87 0.65 -1.79	35.58 0.62 -2.45	31.27 0.49 -0.25	34.85 0.50 -5.16	32.73 0.55 -3.19	45.08 0.68 -12.14	56.91 0.96 -17.60	56.41 1.13 -11.70	44.59 0.93 -3.35	38.56 0.61 0.00	37.05 0.55 0.00	46.04 0.48 -8.40	44.48 0.54 -5.38	43.83 0.43 -3.98	43.72 0.33 -1.91	43.74 0.39 -0.23	59.93 0.59 -10.61	64.36 0.89 0.00	62.82 1.22 -0.37	76.78 1.29 -19.36	71.21 1.14 -22.49	56.62 1.11 -12.59	40.66 0.95 0.00	36.46 0.78 0.00
HARDSCRABBLE_WT_PWR 323673	34.41 -0.07 -0.06	32.56 -0.03 -0.09	30.48 -0.06 0.00	29.28 -0.09 -0.18	29.04 -0.06 -0.11	32.63 -0.06 -0.43	38.97 0.00 -0.62	44.00 0.00 -0.41	40.39 -0.04 -0.12	37.84 -0.11 0.00	36.36 -0.15 0.00	37.30 -0.15 -0.30	38.56 -0.19 -0.19	39.29 -0.27 -0.14	41.26 -0.29 -0.07	42.83 -0.30 -0.01	48.75 -0.34 -0.37	63.03 -0.44 0.00	60.93 -0.30 -0.01	56.57 -0.22 -0.67	48.16 -0.19 -0.78	43.26 -0.09 -0.43	39.63 -0.08 0.00	35.57 -0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.42 1.00 0.00	33.32 0.75 -0.06	31.15 0.58 -0.03	29.72 0.53 0.00	29.42 0.43 0.00	32.97 0.71 0.00	39.61 1.27 0.00	44.98 1.39 0.00	42.22 1.37 -0.53	40.27 1.52 -0.79	39.04 1.53 -1.01	39.93 1.71 -1.07	41.67 1.85 -1.25	42.65 1.93 -1.30	45.18 2.28 -1.42	47.05 2.41 -1.52	52.69 2.63 -1.33	68.37 3.17 -1.73	65.19 2.88 -1.09	59.14 2.41 -0.60	49.61 1.90 -0.13	45.14 1.67 -0.55	41.18 1.47 0.00	36.93 1.25 0.00
HARSNRAD_115KV_TB1 81005	33.35 -1.07 0.00	31.99 -0.52 0.00	30.57 -0.31 -0.34	29.14 -0.29 -0.24	28.97 -0.23 -0.22	31.26 -1.00 0.00	36.58 -1.76 0.00	40.52 -2.83 0.23	37.89 -2.42 0.00	35.72 -2.24 0.00	34.35 -2.15 0.00	34.70 -2.45 0.00	35.65 -2.47 0.45	37.13 -2.29 0.00	38.68 -2.49 0.31	39.73 -2.93 0.46	44.25 -3.70 0.77	57.11 -4.82 1.54	57.38 -3.80 0.05	52.93 -3.20 0.00	45.67 -1.90 0.00	40.86 -2.06 0.00	38.40 -1.31 0.00	34.93 -0.75 0.00
HARZA MOOSE___RIVER 24016	35.40 0.48 -0.50	33.65 0.46 -0.69	31.10 0.34 -0.23	31.08 0.32 -1.56	30.40 0.41 -1.00	36.15 0.48 -3.41	44.06 0.77 -4.94	47.83 0.96 -3.28	41.94 0.69 -0.94	38.30 0.34 0.00	36.76 0.26 0.00	39.78 0.26 -2.36	40.42 0.35 -1.51	40.81 0.28 -1.12	42.27 0.25 -0.54	43.48 0.30 -0.06	52.08 0.39 -2.96	64.17 0.70 0.00	62.37 1.04 -0.10	62.76 1.23 -5.40	54.94 1.09 -6.27	47.37 0.94 -3.51	40.50 0.79 0.00	36.21 0.54 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.15 -0.34 -0.07	32.32 -0.29 -0.10	30.92 -0.21 -0.59	29.59 -0.23 -0.63	29.27 -0.23 -0.51	32.38 -0.39 -0.50	38.50 -0.58 -0.73	43.31 -0.65 -0.38	39.81 -0.64 -0.14	37.31 -0.65 0.00	35.92 -0.58 0.00	36.87 -0.63 -0.35	37.91 -0.66 0.00	38.99 -0.59 -0.16	40.70 -0.71 0.07	42.17 -0.73 0.21	47.84 -0.93 -0.04	61.77 -1.02 0.68	60.36 -0.86 0.01	56.30 -0.62 -0.79	48.02 -0.48 -0.91	42.91 -0.51 -0.51	39.31 -0.40 0.00	35.21 -0.46 0.00
HELLGATE_13_KV_LD 55870	36.21 1.79 0.00	33.92 1.33 -0.07	31.64 1.07 -0.03	30.13 0.93 0.00	29.86 0.87 0.00	33.36 1.10 0.00	40.23 1.88 0.00	45.72 2.14 0.00	43.31 2.38 -0.62	41.50 2.62 -0.92	40.37 2.70 -1.17	41.34 2.94 -1.25	43.07 3.05 -1.46	44.09 3.15 -1.52	46.79 3.65 -1.66	48.68 3.79 -1.77	54.18 3.90 -1.55	70.06 4.57 -2.01	66.41 3.92 -1.27	60.02 3.20 -0.70	50.25 2.52 -0.15	45.78 2.23 -0.64	42.14 2.42 0.00	37.75 2.07 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.21 1.79 0.00	33.92 1.33 -0.07	31.64 1.07 -0.03	30.13 0.93 0.00	29.86 0.87 0.00	33.36 1.10 0.00	40.23 1.88 0.00	45.72 2.14 0.00	43.31 2.38 -0.62	41.50 2.62 -0.92	40.37 2.70 -1.17	41.34 2.94 -1.25	43.07 3.05 -1.46	44.09 3.15 -1.52	46.79 3.65 -1.66	48.68 3.79 -1.77	54.18 3.90 -1.55	70.06 4.57 -2.01	66.41 3.92 -1.27	60.02 3.20 -0.70	50.25 2.52 -0.15	45.78 2.23 -0.64	42.14 2.42 0.00	37.75 2.07 0.00
HEMPSTEAD____ 23647	35.90 1.48 0.00	33.56 0.97 -0.07	31.30 0.73 -0.03	29.72 0.53 0.00	29.42 0.44 0.00	33.07 0.81 0.00	39.81 1.46 0.00	44.80 1.22 0.00	42.63 1.69 -0.62	41.01 2.12 -0.92	39.97 2.30 -1.17	40.82 2.41 -1.25	42.53 2.51 -1.46	43.50 2.56 -1.52	45.54 2.40 -1.65	47.81 2.93 -1.76	53.24 2.97 -1.54	68.82 3.43 -1.92	65.31 2.88 -1.21	59.32 2.53 -0.67	49.24 1.52 -0.14	45.11 1.59 -0.61	41.87 2.14 -0.02	37.39 1.71 0.00
HICKLING___1 23621	34.35 -0.07 0.00	32.61 0.10 0.00	31.23 0.24 -0.44	29.74 0.23 -0.31	29.45 0.17 -0.29	32.20 -0.06 0.00	38.16 -0.19 0.00	42.97 -0.52 0.09	39.87 -0.44 0.00	37.39 -0.57 0.00	35.99 -0.51 0.00	36.52 -0.63 0.00	37.84 -0.54 0.18	39.06 -0.35 0.00	40.82 -0.54 0.12	42.33 -0.60 0.18	47.58 -0.83 0.32	62.16 -0.70 0.62	61.14 -0.06 0.02	56.35 0.22 0.00	48.10 0.52 0.00	43.04 0.13 0.00	40.03 0.32 0.00	35.78 0.11 0.00
HICKLING___2 23622	34.35 -0.07 0.00	32.61 0.10 0.00	31.23 0.24 -0.44	29.74 0.23 -0.31	29.45 0.17 -0.29	32.20 -0.06 0.00	38.16 -0.19 0.00	42.97 -0.52 0.09	39.87 -0.44 0.00	37.39 -0.57 0.00	35.99 -0.51 0.00	36.52 -0.63 0.00	37.84 -0.54 0.18	39.06 -0.35 0.00	40.82 -0.54 0.12	42.33 -0.60 0.18	47.58 -0.83 0.32	62.16 -0.70 0.62	61.14 -0.06 0.02	56.35 0.22 0.00	48.10 0.52 0.00	43.04 0.13 0.00	40.03 0.32 0.00	35.78 0.11 0.00
HIGH FALLS___HY 23754	35.76 1.34 0.00	33.63 1.07 -0.04	31.44 0.89 -0.02	30.01 0.82 0.00	29.71 0.72 0.00	33.26 1.00 0.00	40.04 1.69 0.00	45.41 1.83 0.00	42.42 1.73 -0.37	40.33 1.82 -0.55	38.99 1.79 -0.70	39.83 1.93 -0.74	41.55 2.12 -0.87	42.57 2.25 -0.90	45.12 2.65 -0.99	46.97 2.80 -1.05	52.87 3.22 -0.92	68.61 3.94 -1.20	65.72 3.73 -0.75	59.85 3.31 -0.41	50.38 2.71 -0.09	45.57 2.27 -0.38	41.70 1.99 0.00	37.42 1.75 0.00
HIGH_RIVER___SOLAR 323847	35.31 0.89 0.00	33.24 0.78 0.05	31.31 0.79 0.02	29.92 0.73 0.00	29.68 0.69 0.00	33.13 0.87 0.00	39.42 1.07 0.00	44.67 1.09 0.00	40.56 0.64 0.39	37.61 0.23 0.58	35.62 -0.15 0.74	36.04 -0.34 0.78	37.23 -0.42 0.92	38.07 -0.39 0.95	40.11 -0.33 1.04	41.92 -0.09 1.11	48.19 0.44 0.97	63.43 1.27 1.31	62.18 1.78 0.82	57.42 1.74 0.45	48.81 1.33 0.10	43.79 1.29 0.41	40.77 1.07 0.01	36.53 0.85 0.00
HILLBURN___GT 23639	35.38 0.96 0.00	33.29 0.71 -0.07	31.18 0.61 -0.03	29.66 0.47 0.00	29.39 0.41 0.00	32.94 0.68 0.00	39.58 1.23 0.00	45.02 1.44 0.00	42.35 1.49 -0.55	40.48 1.71 -0.81	39.29 1.75 -1.03	40.15 1.89 -1.10	41.89 2.04 -1.29	42.88 2.13 -1.34	45.39 2.45 -1.46	47.26 2.59 -1.56	52.82 2.73 -1.36	68.60 3.43 -1.70	65.29 3.00 -1.07	59.13 2.41 -0.59	49.61 1.91 -0.13	45.17 1.72 -0.54	41.32 1.59 -0.01	36.85 1.18 0.00
HILLSIDE_115KV_TB1 80332	33.97 -0.45 0.00	32.22 -0.29 0.00	30.83 -0.15 -0.44	29.39 -0.12 -0.31	29.07 -0.20 -0.29	31.84 -0.42 0.00	37.74 -0.61 0.00	42.50 -1.00 0.09	39.43 -0.89 0.00	37.01 -0.95 0.00	35.62 -0.88 0.00	36.23 -0.93 0.00	37.55 -0.85 0.17	38.71 -0.71 0.00	40.53 -0.83 0.12	42.09 -0.86 0.17	47.31 -1.12 0.30	61.76 -1.14 0.57	60.60 -0.61 0.02	55.73 -0.39 0.00	47.58 0.00 0.00	42.61 -0.30 0.00	39.59 -0.12 0.00	35.39 -0.29 0.00

HISHELDN_WT_PWR 323625	33.59 -0.83 0.00	32.02 -0.49 0.00	30.32 -0.58 -0.36	29.22 -0.23 -0.26	28.76 -0.46 -0.24	31.39 -0.87 0.00	36.62 -1.72 0.00	40.99 -2.40 0.19	38.17 -2.14 0.00	35.53 -2.43 0.00	34.27 -2.23 0.00	35.15 -2.01 0.00	36.18 -2.01 0.38	37.65 -1.77 0.00	39.27 -1.95 0.26	40.45 -2.29 0.38	45.20 -2.87 0.65	58.18 -4.00 1.30	58.37 -2.82 0.04	54.05 -2.08 0.00	46.30 -1.28 0.00	41.41 -1.50 0.00	38.64 -1.07 0.00	35.43 -0.25 0.00
HOLTSVILLE_IC_1 23690	35.93 1.51 0.00	33.46 0.88 -0.07	31.18 0.61 -0.03	29.51 0.32 0.00	29.25 0.26 0.00	32.91 0.64 0.00	39.73 1.38 0.00	44.63 1.04 0.00	42.59 1.65 -0.62	41.01 2.12 -0.92	40.04 2.37 -1.17	40.74 2.34 -1.25	42.45 2.43 -1.46	43.38 2.44 -1.52	45.04 1.91 -1.65	47.42 2.54 -1.76	52.90 2.63 -1.54	68.26 2.86 -1.92	64.82 2.39 -1.21	59.21 2.41 -0.67	48.86 1.14 -0.14	44.94 1.41 -0.61	41.91 2.18 -0.02	37.49 1.82 0.00
HOLTSVILLE_IC_10 23699	36.07 1.65 0.00	33.62 1.04 -0.07	31.30 0.73 -0.03	29.63 0.44 0.00	29.36 0.38 0.00	33.03 0.77 0.00	39.92 1.57 0.00	44.85 1.26 0.00	42.79 1.86 -0.62	41.20 2.32 -0.92	40.23 2.55 -1.17	40.93 2.53 -1.25	42.65 2.62 -1.46	43.62 2.68 -1.52	45.29 2.16 -1.65	47.73 2.85 -1.76	53.24 2.97 -1.54	68.69 3.30 -1.92	65.31 2.88 -1.21	59.71 2.92 -0.67	49.19 1.48 -0.14	45.20 1.67 -0.61	42.15 2.42 -0.02	37.71 2.03 0.00
HOLTSVILLE_IC_2 23691	35.93 1.51 0.00	33.46 0.88 -0.07	31.18 0.61 -0.03	29.51 0.32 0.00	29.25 0.26 0.00	32.91 0.64 0.00	39.73 1.38 0.00	44.63 1.04 0.00	42.59 1.65 -0.62	41.01 2.12 -0.92	40.04 2.37 -1.17	40.74 2.34 -1.25	42.45 2.43 -1.46	43.38 2.44 -1.52	45.04 1.91 -1.65	47.42 2.54 -1.76	52.90 2.63 -1.54	68.26 2.86 -1.92	64.82 2.39 -1.21	59.21 2.41 -0.67	48.86 1.14 -0.14	44.94 1.41 -0.61	41.91 2.18 -0.02	37.49 1.82 0.00
HOLTSVILLE_IC_3 23692	35.93 1.51 0.00	33.46 0.88 -0.07	31.18 0.61 -0.03	29.51 0.32 0.00	29.25 0.26 0.00	32.91 0.64 0.00	39.73 1.38 0.00	44.63 1.04 0.00	42.59 1.65 -0.62	41.01 2.12 -0.92	40.04 2.37 -1.17	40.74 2.34 -1.25	42.45 2.43 -1.46	43.38 2.44 -1.52	45.04 1.91 -1.65	47.42 2.54 -1.76	52.90 2.63 -1.54	68.26 2.86 -1.92	64.82 2.39 -1.21	59.21 2.41 -0.67	48.86 1.14 -0.14	44.94 1.41 -0.61	41.91 2.18 -0.02	37.49 1.82 0.00
HOLTSVILLE_IC_4 23693	35.93 1.51 0.00	33.46 0.88 -0.07	31.18 0.61 -0.03	29.51 0.32 0.00	29.25 0.26 0.00	32.91 0.64 0.00	39.73 1.38 0.00	44.63 1.04 0.00	42.59 1.65 -0.62	41.01 2.12 -0.92	40.04 2.37 -1.17	40.74 2.34 -1.25	42.45 2.43 -1.46	43.38 2.44 -1.52	45.04 1.91 -1.65	47.42 2.54 -1.76	52.90 2.63 -1.54	68.26 2.86 -1.92	64.82 2.39 -1.21	59.21 2.41 -0.67	48.86 1.14 -0.14	44.94 1.41 -0.61	41.91 2.18 -0.02	37.49 1.82 0.00
HOLTSVILLE_IC_5 23694	35.93 1.51 0.00	33.46 0.88 -0.07	31.18 0.61 -0.03	29.51 0.32 0.00	29.25 0.26 0.00	32.91 0.64 0.00	39.73 1.38 0.00	44.63 1.04 0.00	42.59 1.65 -0.62	41.01 2.12 -0.92	40.04 2.37 -1.17	40.74 2.34 -1.25	42.45 2.43 -1.46	43.38 2.44 -1.52	45.04 1.91 -1.65	47.42 2.54 -1.76	52.90 2.63 -1.54	68.26 2.86 -1.92	64.82 2.39 -1.21	59.21 2.41 -0.67	48.86 1.14 -0.14	44.94 1.41 -0.61	41.91 2.18 -0.02	37.49 1.82 0.00
HOLTSVILLE_IC_6 23695	36.07 1.65 0.00	33.62 1.04 -0.07	31.30 0.73 -0.03	29.63 0.44 0.00	29.36 0.38 0.00	33.03 0.77 0.00	39.92 1.57 0.00	44.85 1.26 0.00	42.79 1.86 -0.62	41.20 2.32 -0.92	40.23 2.55 -1.17	40.93 2.53 -1.25	42.65 2.62 -1.46	43.62 2.68 -1.52	45.29 2.16 -1.65	47.73 2.85 -1.76	53.24 2.97 -1.54	68.69 3.30 -1.92	65.31 2.88 -1.21	59.71 2.92 -0.67	49.19 1.48 -0.14	45.20 1.67 -0.61	42.15 2.42 -0.02	37.71 2.03 0.00
HOLTSVILLE_IC_7 23696	36.07 1.65 0.00	33.62 1.04 -0.07	31.30 0.73 -0.03	29.63 0.44 0.00	29.36 0.38 0.00	33.03 0.77 0.00	39.92 1.57 0.00	44.85 1.26 0.00	42.79 1.86 -0.62	41.20 2.32 -0.92	40.23 2.55 -1.17	40.93 2.53 -1.25	42.65 2.62 -1.46	43.62 2.68 -1.52	45.29 2.16 -1.65	47.73 2.85 -1.76	53.24 2.97 -1.54	68.69 3.30 -1.92	65.31 2.88 -1.21	59.71 2.92 -0.67	49.19 1.48 -0.14	45.20 1.67 -0.61	42.15 2.42 -0.02	37.71 2.03 0.00
HOLTSVILLE_IC_8 23697	36.07 1.65 0.00	33.62 1.04 -0.07	31.30 0.73 -0.03	29.63 0.44 0.00	29.36 0.38 0.00	33.03 0.77 0.00	39.92 1.57 0.00	44.85 1.26 0.00	42.79 1.86 -0.62	41.20 2.32 -0.92	40.23 2.55 -1.17	40.93 2.53 -1.25	42.65 2.62 -1.46	43.62 2.68 -1.52	45.29 2.16 -1.65	47.73 2.85 -1.76	53.24 2.97 -1.54	68.69 3.30 -1.92	65.31 2.88 -1.21	59.71 2.92 -0.67	49.19 1.48 -0.14	45.20 1.67 -0.61	42.15 2.42 -0.02	37.71 2.03 0.00
HOLTSVILLE_IC_9 23698	36.07 1.65 0.00	33.62 1.04 -0.07	31.30 0.73 -0.03	29.63 0.44 0.00	29.36 0.38 0.00	33.03 0.77 0.00	39.92 1.57 0.00	44.85 1.26 0.00	42.79 1.86 -0.62	41.20 2.32 -0.92	40.23 2.55 -1.17	40.93 2.53 -1.25	42.65 2.62 -1.46	43.62 2.68 -1.52	45.29 2.16 -1.65	47.73 2.85 -1.76	53.24 2.97 -1.54	68.69 3.30 -1.92	65.31 2.88 -1.21	59.71 2.92 -0.67	49.19 1.48 -0.14	45.20 1.67 -0.61	42.15 2.42 -0.02	37.71 2.03 0.00
HOMER_HL_115KV_TB2 355744	33.11 -1.31 0.00	31.57 -0.94 0.00	30.13 -0.76 -0.35	28.80 -0.64 -0.25	28.49 -0.72 -0.23	31.04 -1.23 0.00	36.85 -1.50 0.00	41.03 -2.35 0.20	38.22 -2.10 0.00	35.87 -2.09 0.00	34.57 -1.93 0.00	35.15 -2.01 0.00	36.40 -1.77 0.39	37.84 -1.58 0.00	39.51 -1.70 0.27	40.52 -2.20 0.39	45.40 -2.68 0.64	58.96 -3.17 1.34	58.79 -2.39 0.04	53.99 -2.13 0.00	46.39 -1.19 0.00	41.33 -1.59 0.00	38.60 -1.11 0.00	34.50 -1.18 0.00
HOWARD_WT_PWR 323690	34.21 -0.21 0.00	32.44 -0.06 0.00	30.95 -0.03 -0.44	29.77 0.26 -0.31	29.33 0.06 -0.29	32.10 -0.16 0.00	37.77 -0.57 0.00	42.59 -0.87 0.12	39.46 -0.85 0.00	36.67 -1.29 0.00	35.33 -1.17 0.00	36.04 -1.11 0.00	37.29 -1.04 0.24	38.55 -0.87 0.00	40.24 -1.08 0.16	41.84 -1.04 0.24	46.90 -1.36 0.46	61.13 -1.52 0.81	60.77 -0.43 0.03	56.30 0.17 0.00	48.05 0.48 0.00	42.92 0.00 0.00	39.87 0.16 0.00	36.11 0.43 0.00
HQ_GEN_CEDARS 23644	38.73 0.62 -3.69	38.17 0.62 -5.04	31.09 0.55 0.00	39.97 0.53 -10.25	35.80 0.58 -6.24	57.85 0.65 -24.95	75.33 0.81 -36.18	68.54 0.92 -24.04	48.04 0.85 -6.88	38.79 0.84 0.00	37.30 0.80 0.00	55.16 0.74 -17.26	50.35 0.73 -11.05	48.31 0.71 -8.18	45.99 0.58 -3.93	44.15 0.56 -0.47	71.44 0.88 -21.83	64.61 1.14 0.00	63.08 1.10 -0.75	96.97 1.01 -39.83	94.66 0.81 -46.27	69.63 0.82 -25.90	40.43 0.71 0.00	36.35 0.68 0.00
HQ_GEN_CEDARS_PROXY 323590	38.73 0.62 -3.69	38.16 0.62 -5.04	31.09 0.55 0.00	40.00 0.55 -10.25	35.80 0.58 -6.24	57.85 0.64 -24.95	75.34 0.81 -36.18	68.54 0.92 -24.04	48.04 0.85 -6.88	38.79 0.83 0.00	37.30 0.80 0.00	55.16 0.74 -17.26	50.35 0.73 -11.05	48.31 0.71 -8.18	46.03 0.62 -3.93	44.15 0.56 -0.47	71.44 0.88 -21.83	64.62 1.14 0.00	63.08 1.10 -0.75	96.97 1.01 -39.83	94.66 0.81 -46.27	72.01 0.81 -28.28	38.36 0.72 2.07	36.03 0.68 0.32

HQ_GEN_IMPORT 323601	34.49 0.21 0.14	32.52 0.20 0.19	30.72 0.18 0.00	28.98 0.18 0.39	28.93 0.17 0.23	31.55 0.23 0.94	37.26 0.27 1.36	42.99 0.31 0.90	40.34 0.28 0.26	38.23 0.27 0.00	36.76 0.26 0.00	36.73 0.22 0.65	38.38 0.23 0.42	39.35 0.24 0.31	41.50 0.17 0.15	43.23 0.13 0.02	48.15 0.24 0.82	63.79 0.32 0.00	61.51 0.31 0.03	54.91 0.28 1.50	46.08 0.24 1.74	44.59 0.26 -1.41	37.84 0.20 2.07	35.57 0.22 0.32
HQ_GEN_WHEEL 23651	34.49 0.21 0.14	32.52 0.20 0.19	30.72 0.18 0.00	28.98 0.18 0.39	28.93 0.17 0.23	31.55 0.23 0.94	37.26 0.27 1.36	42.99 0.31 0.90	40.34 0.28 0.26	38.23 0.27 0.00	36.76 0.26 0.00	36.73 0.22 0.65	38.38 0.23 0.42	39.35 0.24 0.31	41.50 0.17 0.15	43.23 0.13 0.02	48.15 0.24 0.82	63.79 0.32 0.00	61.51 0.31 0.03	54.91 0.28 1.50	46.08 0.24 1.74	44.59 0.26 -1.41	37.84 0.20 2.07	35.57 0.22 0.32
HUDSON AVE_GT_3 23810	36.00 1.58 0.00	33.75 1.17 -0.07	31.52 0.95 -0.03	30.04 0.85 0.00	29.74 0.75 0.00	33.29 1.03 0.00	40.15 1.80 0.00	45.68 2.09 0.00	43.15 2.22 -0.62	41.35 2.47 -0.92	40.19 2.52 -1.17	41.15 2.75 -1.25	42.88 2.85 -1.46	43.89 2.96 -1.52	46.54 3.40 -1.66	48.38 3.49 -1.77	53.98 3.70 -1.55	69.86 4.38 -2.01	66.29 3.80 -1.27	59.97 3.14 -0.70	50.16 2.43 -0.15	45.74 2.19 -0.64	41.85 2.14 0.00	37.50 1.82 0.00
HUDSON AVE_GT_4 23540	36.00 1.58 0.00	33.75 1.17 -0.07	31.52 0.95 -0.03	30.04 0.85 0.00	29.74 0.75 0.00	33.29 1.03 0.00	40.15 1.80 0.00	45.68 2.09 0.00	43.15 2.22 -0.62	41.35 2.47 -0.92	40.19 2.52 -1.17	41.15 2.75 -1.25	42.88 2.85 -1.46	43.89 2.96 -1.52	46.54 3.40 -1.66	48.38 3.49 -1.77	53.98 3.70 -1.55	69.86 4.38 -2.01	66.29 3.80 -1.27	59.97 3.14 -0.70	50.16 2.43 -0.15	45.74 2.19 -0.64	41.85 2.14 0.00	37.50 1.82 0.00
HUDSON AVE_GT_5 23657	36.00 1.58 0.00	33.75 1.17 -0.07	31.52 0.95 -0.03	30.04 0.85 0.00	29.74 0.75 0.00	33.29 1.03 0.00	40.15 1.80 0.00	45.68 2.09 0.00	43.15 2.22 -0.62	41.35 2.47 -0.92	40.19 2.52 -1.17	41.15 2.75 -1.25	42.88 2.85 -1.46	43.89 2.96 -1.52	46.54 3.40 -1.66	48.38 3.49 -1.77	53.98 3.70 -1.55	69.86 4.38 -2.01	66.29 3.80 -1.27	59.97 3.14 -0.70	50.16 2.43 -0.15	45.74 2.19 -0.64	41.85 2.14 0.00	37.50 1.82 0.00
HUDSON_AVE_10 24168	35.86 1.45 0.00	33.66 1.07 -0.07	31.40 0.82 -0.03	29.92 0.73 0.00	29.63 0.64 0.00	33.20 0.94 0.00	40.04 1.69 0.00	45.50 1.92 0.00	43.03 2.10 -0.62	41.23 2.35 -0.92	40.08 2.41 -1.17	41.04 2.64 -1.25	42.72 2.70 -1.46	43.77 2.84 -1.52	46.42 3.28 -1.66	48.25 3.36 -1.77	53.84 3.56 -1.55	69.67 4.19 -2.01	66.10 3.61 -1.27	59.80 2.97 -0.70	50.02 2.28 -0.15	45.61 2.06 -0.64	41.74 2.03 0.00	37.39 1.71 0.00
HUDSON___115KV_TB 4 355613	34.93 0.52 0.00	32.89 0.42 0.04	30.86 0.34 0.02	29.54 0.35 0.00	29.34 0.35 0.00	32.75 0.48 0.00	38.89 0.54 0.00	44.19 0.61 0.00	40.45 0.44 0.30	37.78 0.27 0.45	36.08 0.15 0.57	36.70 0.15 0.60	37.97 0.12 0.71	38.61 -0.08 0.74	40.84 0.17 0.80	42.52 0.26 0.86	48.46 0.49 0.75	63.26 0.76 0.98	61.41 0.80 0.61	56.58 0.79 0.34	47.98 0.48 0.07	43.03 0.43 0.31	39.71 0.00 0.00	36.00 0.32 0.00
HUNTER MOUNT___DRP 323613	35.04 0.62 0.00	33.10 0.62 0.02	30.99 0.46 0.01	29.63 0.44 0.00	29.42 0.43 0.00	32.87 0.61 0.00	39.04 0.69 0.00	44.24 0.65 0.00	40.66 0.52 0.18	38.00 0.30 0.26	36.35 0.18 0.33	36.95 0.15 0.36	38.30 0.15 0.42	38.87 -0.12 0.43	41.13 0.12 0.47	42.87 0.26 0.50	48.82 0.54 0.44	63.79 0.89 0.57	61.97 1.10 0.36	57.00 1.07 0.20	48.25 0.71 0.04	43.33 0.60 0.18	39.63 -0.08 0.00	36.03 0.36 0.00
HUNTINGTON_RES_REC 323705	35.83 1.41 0.00	33.43 0.84 -0.07	31.12 0.55 -0.03	29.49 0.29 0.00	29.22 0.23 0.00	32.87 0.61 0.00	39.65 1.30 0.00	44.50 0.92 0.00	42.55 1.61 -0.62	40.97 2.09 -0.92	39.97 2.30 -1.17	40.74 2.34 -1.25	42.38 2.35 -1.46	43.26 2.33 -1.52	44.91 1.78 -1.65	47.34 2.46 -1.76	52.80 2.53 -1.54	68.12 2.73 -1.92	64.70 2.27 -1.21	59.04 2.25 -0.67	48.72 1.00 -0.14	44.72 1.20 -0.61	41.95 2.22 -0.02	37.42 1.75 0.00
HUNTLEY___63 23557	33.73 -0.69 0.00	32.38 -0.13 0.00	30.91 0.03 -0.34	29.46 0.03 -0.24	29.29 0.09 -0.22	31.62 -0.65 0.00	36.74 -1.61 0.00	40.79 -2.57 0.23	38.14 -2.18 0.00	35.95 -2.01 0.00	34.57 -1.93 0.00	34.96 -2.19 0.00	35.96 -2.16 0.44	37.41 -2.01 0.00	38.98 -2.20 0.31	40.00 -2.67 0.45	44.56 -3.41 0.76	57.58 -4.38 1.51	57.69 -3.49 0.05	53.27 -2.86 0.00	45.91 -1.67 0.00	41.07 -1.85 0.00	38.60 -1.11 0.00	34.86 -0.82 0.00
HUNTLEY___64 23558	33.73 -0.69 0.00	32.38 -0.13 0.00	30.91 0.03 -0.34	29.46 0.03 -0.24	29.29 0.09 -0.22	31.62 -0.65 0.00	36.74 -1.61 0.00	40.79 -2.57 0.23	38.14 -2.18 0.00	35.95 -2.01 0.00	34.57 -1.93 0.00	34.96 -2.19 0.00	35.96 -2.16 0.44	37.41 -2.01 0.00	38.98 -2.20 0.31	40.00 -2.67 0.45	44.56 -3.41 0.76	57.58 -4.38 1.51	57.69 -3.49 0.05	53.27 -2.86 0.00	45.91 -1.67 0.00	41.07 -1.85 0.00	38.60 -1.11 0.00	34.86 -0.82 0.00
HUNTLEY___65 23559	33.73 -0.69 0.00	32.38 -0.13 0.00	30.91 0.03 -0.34	29.46 0.03 -0.24	29.29 0.09 -0.22	31.62 -0.65 0.00	36.74 -1.61 0.00	40.79 -2.57 0.23	38.14 -2.18 0.00	35.95 -2.01 0.00	34.57 -1.93 0.00	34.96 -2.19 0.00	35.96 -2.16 0.44	37.41 -2.01 0.00	38.98 -2.20 0.31	40.00 -2.67 0.45	44.56 -3.41 0.76	57.58 -4.38 1.51	57.69 -3.49 0.05	53.27 -2.86 0.00	45.91 -1.67 0.00	41.07 -1.85 0.00	38.60 -1.11 0.00	34.86 -0.82 0.00
HUNTLEY___66 23560	33.73 -0.69 0.00	32.38 -0.13 0.00	30.91 0.03 -0.34	29.46 0.03 -0.24	29.29 0.09 -0.22	31.62 -0.65 0.00	36.74 -1.61 0.00	40.79 -2.57 0.23	38.14 -2.18 0.00	35.95 -2.01 0.00	34.57 -1.93 0.00	34.96 -2.19 0.00	35.96 -2.16 0.44	37.41 -2.01 0.00	38.98 -2.20 0.31	40.00 -2.67 0.45	44.56 -3.41 0.76	57.58 -4.38 1.51	57.69 -3.49 0.05	53.27 -2.86 0.00	45.91 -1.67 0.00	41.07 -1.85 0.00	38.60 -1.11 0.00	34.86 -0.82 0.00
HUNTLEY___67 23561	33.45 -0.96 0.00	32.05 -0.46 0.00	30.60 -0.27 -0.34	29.17 -0.26 -0.24	28.98 -0.23 -0.22	31.33 -0.94 0.00	36.62 -1.73 0.00	40.66 -2.70 0.22	38.01 -2.30 0.00	35.83 -2.13 0.00	34.49 -2.01 0.00	34.89 -2.27 0.00	35.86 -2.28 0.43	37.33 -2.09 0.00	38.90 -2.28 0.30	39.96 -2.72 0.44	44.52 -3.46 0.74	57.54 -4.44 1.49	57.63 -3.55 0.05	53.15 -2.97 0.00	45.82 -1.76 0.00	41.03 -1.89 0.00	38.48 -1.23 0.00	34.71 -0.96 0.00
HUNTLEY___68 23562	33.45 -0.96 0.00	32.05 -0.46 0.00	30.60 -0.27 -0.34	29.17 -0.26 -0.24	28.98 -0.23 -0.22	31.33 -0.94 0.00	36.62 -1.73 0.00	40.66 -2.70 0.22	38.01 -2.30 0.00	35.83 -2.13 0.00	34.49 -2.01 0.00	34.89 -2.27 0.00	35.86 -2.28 0.43	37.33 -2.09 0.00	38.90 -2.28 0.30	39.96 -2.72 0.44	44.52 -3.46 0.74	57.54 -4.44 1.49	57.63 -3.55 0.05	53.15 -2.97 0.00	45.82 -1.76 0.00	41.03 -1.89 0.00	38.48 -1.23 0.00	34.71 -0.96 0.00

HYLAND___LFGE 323620	35.49 1.07 0.00	33.65 1.14 0.00	31.90 0.98 -0.39	30.66 1.20 -0.27	30.25 1.01 -0.25	33.16 0.90 0.00	39.00 0.65 0.00	44.05 0.65 0.19	40.43 0.12 0.00	37.31 -0.65 0.00	35.66 -0.84 0.00	36.34 -0.82 0.00	37.35 -0.85 0.36	38.83 -0.59 0.00	40.48 -0.75 0.25	42.19 -0.56 0.37	47.60 -0.49 0.64	62.42 0.19 1.24	63.02 1.84 0.04	58.59 2.47 0.00	49.72 2.14 0.00	44.38 1.46 0.00	41.26 1.55 0.00	37.17 1.50 0.00
INDECK___CORINTH 23802	34.97 0.55 0.00	32.82 0.39 0.08	30.96 0.46 0.03	29.63 0.44 0.00	29.31 0.32 0.00	32.94 0.68 0.00	39.00 0.65 0.00	44.11 0.52 0.00	39.61 -0.08 0.63	36.61 -0.42 0.93	34.70 -0.62 1.18	35.31 -0.60 1.25	36.33 -0.77 1.47	37.23 -0.67 1.52	39.23 -0.58 1.67	40.99 -0.35 1.78	47.61 0.44 1.56	62.28 0.63 1.82	60.88 0.79 1.14	56.23 0.73 0.63	47.82 0.38 0.14	42.77 0.43 0.58	39.97 0.28 0.02	35.86 0.18 0.00
INDECK___ILION 23567	34.48 0.00 -0.06	32.60 0.00 -0.09	30.54 0.00 0.00	29.34 -0.03 -0.18	29.09 0.00 -0.11	32.69 0.00 -0.43	39.01 0.04 -0.62	44.08 0.09 -0.41	40.47 0.04 -0.12	37.92 -0.04 0.00	36.46 -0.04 0.00	37.42 -0.04 -0.30	38.72 -0.04 -0.19	39.44 -0.12 -0.14	41.46 -0.08 -0.07	43.04 -0.09 -0.01	49.04 -0.05 -0.37	63.34 -0.13 0.00	61.18 -0.06 -0.01	56.79 0.00 -0.67	48.35 0.00 -0.78	43.39 0.04 -0.43	39.71 0.00 0.00	35.68 0.00 0.00
INDECK___OLEAN 23982	32.97 -1.44 0.00	31.34 -1.17 0.00	29.76 -1.13 -0.35	28.63 -0.82 -0.25	28.18 -1.04 -0.23	30.87 -1.39 0.00	36.32 -2.03 0.00	40.77 -2.61 0.20	37.85 -2.46 0.00	35.26 -2.69 0.00	34.09 -2.41 0.00	35.08 -2.08 0.00	36.32 -1.85 0.39	37.77 -1.65 0.00	39.51 -1.70 0.27	40.53 -2.20 0.39	45.40 -2.68 0.64	58.64 -3.49 1.34	58.67 -2.51 0.04	53.99 -2.13 0.00	46.25 -1.33 0.00	41.20 -1.72 0.00	38.36 -1.35 0.00	34.89 -0.79 0.00
INDECK___OSWEGO 23783	33.81 -0.72 -0.11	31.98 -0.68 -0.15	31.36 -0.64 -1.46	29.99 -0.56 -1.35	29.55 -0.58 -1.14	32.31 -0.71 -0.76	38.57 -0.88 -1.10	43.67 -0.96 -1.04	39.56 -0.97 -0.21	36.97 -0.99 0.00	35.55 -0.95 0.00	36.72 -0.97 -0.53	38.66 -0.96 -1.06	38.69 -0.98 -0.25	41.02 -1.08 -0.62	42.78 -1.08 -0.74	48.98 -1.66 -1.91	63.41 -2.16 -2.09	59.36 -1.96 -0.09	55.71 -1.63 -1.21	47.65 -1.33 -1.41	42.50 -1.20 -0.79	38.95 -0.76 0.00	34.96 -0.71 0.00
INDECK___YERKES 23781	33.66 -0.76 0.00	32.02 -0.49 0.00	30.23 -0.64 -0.34	29.35 -0.09 -0.24	28.86 -0.35 -0.22	31.23 -1.03 0.00	36.32 -2.03 0.00	40.39 -2.97 0.23	37.73 -2.58 0.00	35.11 -2.85 0.00	33.91 -2.59 0.00	34.93 -2.23 0.00	35.85 -2.28 0.44	37.41 -2.01 0.00	38.97 -2.20 0.31	40.04 -2.63 0.45	44.61 -3.36 0.76	57.01 -4.95 1.51	57.50 -3.67 0.05	53.32 -2.80 0.00	45.72 -1.86 0.00	40.94 -1.97 0.00	38.28 -1.43 0.00	35.35 -0.32 0.00
INDIAN POINT_GT_1 24139	35.59 1.17 0.00	33.46 0.88 -0.07	31.27 0.70 -0.03	29.81 0.61 0.00	29.51 0.52 0.00	33.07 0.81 0.00	39.81 1.46 0.00	45.28 1.70 0.00	42.71 1.77 -0.62	40.81 1.94 -0.92	39.64 1.97 -1.17	40.55 2.16 -1.24	42.29 2.28 -1.45	43.30 2.37 -1.51	45.83 2.70 -1.65	47.68 2.80 -1.76	53.20 2.92 -1.54	68.97 3.49 -2.01	65.49 3.00 -1.26	59.35 2.53 -0.69	49.68 1.95 -0.15	45.31 1.76 -0.64	41.34 1.63 0.00	37.07 1.39 0.00
INDIAN POINT_GT_2 23659	35.59 1.17 0.00	33.46 0.88 -0.07	31.27 0.70 -0.03	29.81 0.61 0.00	29.51 0.52 0.00	33.07 0.81 0.00	39.81 1.46 0.00	45.28 1.70 0.00	42.71 1.77 -0.62	40.81 1.94 -0.92	39.64 1.97 -1.17	40.55 2.16 -1.24	42.29 2.28 -1.45	43.30 2.37 -1.51	45.83 2.70 -1.65	47.68 2.80 -1.76	53.20 2.92 -1.54	68.97 3.49 -2.01	65.49 3.00 -1.26	59.35 2.53 -0.69	49.68 1.95 -0.15	45.31 1.76 -0.64	41.34 1.63 0.00	37.07 1.39 0.00
INDIAN POINT_GT_3 24019	35.59 1.17 0.00	33.46 0.88 -0.07	31.27 0.70 -0.03	29.81 0.61 0.00	29.51 0.52 0.00	33.07 0.81 0.00	39.81 1.46 0.00	45.28 1.70 0.00	42.71 1.77 -0.62	40.81 1.94 -0.92	39.64 1.97 -1.17	40.55 2.16 -1.24	42.29 2.28 -1.45	43.30 2.37 -1.51	45.83 2.70 -1.65	47.68 2.80 -1.76	53.20 2.92 -1.54	68.97 3.49 -2.01	65.49 3.00 -1.26	59.35 2.53 -0.69	49.68 1.95 -0.15	45.31 1.76 -0.64	41.34 1.63 0.00	37.07 1.39 0.00
INDIAN POINT___2 23530	35.73 1.31 0.00	33.56 0.97 -0.07	31.40 0.82 -0.03	29.87 0.67 0.00	29.60 0.61 0.00	33.16 0.90 0.00	39.92 1.57 0.00	45.33 1.75 0.00	42.83 1.90 -0.62	41.04 2.16 -0.92	39.86 2.19 -1.17	40.71 2.30 -1.25	42.45 2.43 -1.46	43.46 2.53 -1.52	46.00 2.86 -1.66	47.86 2.97 -1.77	53.40 3.12 -1.55	69.20 3.81 -1.92	65.68 3.24 -1.21	59.43 2.64 -0.67	49.82 2.09 -0.15	45.41 1.89 -0.61	41.55 1.83 -0.02	37.10 1.43 0.00
INDIAN POINT___3 23531	35.49 1.07 0.00	33.36 0.78 -0.07	31.15 0.58 -0.03	29.72 0.53 0.00	29.42 0.43 0.00	32.97 0.71 0.00	39.65 1.30 0.00	45.11 1.53 0.00	42.49 1.57 -0.60	40.60 1.75 -0.90	39.43 1.79 -1.14	40.33 1.97 -1.21	42.10 2.12 -1.42	43.10 2.21 -1.47	45.62 2.53 -1.61	47.46 2.63 -1.72	53.01 2.78 -1.50	68.73 3.30 -1.95	65.27 2.82 -1.23	59.16 2.36 -0.68	49.54 1.81 -0.15	45.16 1.63 -0.62	41.22 1.51 0.00	36.96 1.28 0.00
INGHAM_C_115KV_TB7 356103	34.41 -0.07 -0.06	32.53 -0.07 -0.09	30.45 -0.09 0.00	29.25 -0.12 -0.18	29.01 -0.09 -0.11	32.63 -0.06 -0.43	38.93 -0.04 -0.62	43.95 -0.04 -0.41	40.35 -0.08 -0.12	37.77 -0.19 0.00	36.32 -0.18 0.00	37.27 -0.19 -0.30	38.52 -0.23 -0.19	39.25 -0.32 -0.14	41.22 -0.33 -0.07	42.82 -0.30 -0.01	48.75 -0.34 -0.37	62.96 -0.51 0.00	60.87 -0.37 -0.01	56.51 -0.28 -0.67	48.12 -0.24 -0.78	43.22 -0.13 -0.43	39.59 -0.12 0.00	35.57 -0.11 0.00
IP CORINTH___1 23988	35.18 0.76 0.00	32.99 0.55 0.08	31.09 0.58 0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.07 0.81 0.00	39.19 0.84 0.00	44.32 0.74 0.00	39.81 0.12 0.63	36.76 -0.27 0.93	34.92 -0.40 1.18	35.49 -0.41 1.25	36.52 -0.58 1.47	37.46 -0.43 1.52	39.48 -0.33 1.67	41.26 -0.09 1.78	47.90 0.73 1.56	62.40 0.95 2.03	61.06 1.10 1.27	56.49 1.07 0.70	48.04 0.62 0.15	42.96 0.69 0.64	40.19 0.48 0.00	36.00 0.32 0.00
IP___TICONDEROGA 23804	36.31 1.89 0.00	33.96 1.53 0.08	32.06 1.56 0.03	30.71 1.52 0.00	30.35 1.36 0.00	34.16 1.90 0.00	40.50 2.15 0.00	45.81 2.22 0.00	40.77 1.09 0.64	37.43 0.42 0.94	35.45 0.15 1.20	36.07 0.19 1.27	37.12 0.04 1.49	38.11 0.24 1.55	40.16 0.37 1.69	42.09 0.78 1.80	49.29 2.14 1.58	64.53 3.11 2.05	63.36 3.43 1.29	58.73 3.31 0.71	49.80 2.38 0.16	44.58 2.32 0.65	41.54 1.83 0.00	37.07 1.39 0.00
ISLIP_RES_REC 323679	36.21 1.79 0.00	33.72 1.14 -0.07	31.40 0.82 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.16 0.90 0.00	40.08 1.73 0.00	45.02 1.44 0.00	42.99 2.05 -0.62	41.39 2.50 -0.92	40.41 2.74 -1.17	41.11 2.71 -1.25	42.88 2.85 -1.46	43.89 2.96 -1.52	45.58 2.45 -1.65	48.03 3.15 -1.76	53.63 3.36 -1.54	69.14 3.74 -1.92	65.74 3.30 -1.21	60.10 3.31 -0.67	49.48 1.76 -0.14	45.46 1.93 -0.61	42.35 2.62 -0.02	37.85 2.18 0.00

JAMAICA__27_KV_LOAD 355505	36.00 1.58 0.00	33.75 1.17 -0.07	31.49 0.92 -0.03	29.98 0.79 0.00	29.71 0.72 0.00	33.33 1.06 0.00	40.27 1.92 0.00	45.68 2.09 0.00	43.19 2.26 -0.62	41.50 2.62 -0.92	40.34 2.66 -1.17	41.30 2.90 -1.25	42.95 2.93 -1.46	44.01 3.07 -1.52	46.71 3.57 -1.66	48.60 3.71 -1.77	54.23 3.95 -1.55	70.25 4.76 -2.01	66.59 4.10 -1.27	60.19 3.37 -0.70	50.35 2.62 -0.15	45.83 2.27 -0.64	42.01 2.30 0.00	37.57 1.89 0.00
JANIS__SOLAR 323808	35.45 1.03 0.00	33.52 1.01 0.00	31.93 0.92 -0.48	30.47 0.93 -0.34	30.20 0.90 -0.31	33.23 0.97 0.00	39.54 1.19 0.00	44.98 1.39 0.00	41.28 0.97 0.00	38.30 0.34 0.00	36.68 0.18 0.00	37.23 0.07 0.00	38.68 0.12 0.00	39.50 0.08 0.00	41.48 0.00 0.00	43.29 0.17 0.00	49.17 0.44 0.00	64.74 1.27 0.00	63.24 2.02 0.00	58.54 2.41 0.00	49.77 2.19 0.00	44.59 1.67 0.00	41.30 1.59 0.00	36.92 1.25 0.00
JARVIS____ 23743	34.48 0.00 -0.06	32.60 0.00 -0.09	30.54 0.00 0.00	29.37 0.00 -0.18	29.09 0.00 -0.11	32.72 0.03 -0.43	39.01 0.04 -0.62	44.04 0.04 -0.41	40.47 0.04 -0.12	37.96 0.00 0.00	36.50 0.00 0.00	37.45 0.00 -0.30	38.75 0.00 -0.19	39.56 0.00 -0.14	41.59 0.04 -0.07	43.17 0.04 -0.01	49.14 0.05 -0.37	63.53 0.06 0.00	61.30 0.06 -0.01	56.85 0.06 -0.67	48.40 0.05 -0.78	43.39 0.04 -0.43	39.71 0.00 0.00	35.68 0.00 0.00
JENNISON____1 23625	35.49 1.07 0.00	33.65 1.14 0.00	31.94 1.04 -0.36	30.41 0.96 -0.26	30.24 1.01 -0.24	33.33 1.06 0.00	39.73 1.38 0.00	45.15 1.57 0.00	41.60 1.29 0.00	38.76 0.80 0.00	37.16 0.66 0.00	37.75 0.59 0.00	39.26 0.69 0.00	40.01 0.59 0.00	42.06 0.58 0.00	43.81 0.69 0.00	49.70 0.97 0.00	65.19 1.71 0.00	63.49 2.27 0.00	58.60 2.47 0.00	49.91 2.33 0.00	44.80 1.89 0.00	41.46 1.75 0.00	36.93 1.25 0.00
JENNISON____2 23626	35.49 1.07 0.00	33.65 1.14 0.00	31.94 1.04 -0.36	30.41 0.96 -0.26	30.24 1.01 -0.24	33.33 1.06 0.00	39.73 1.38 0.00	45.15 1.57 0.00	41.60 1.29 0.00	38.76 0.80 0.00	37.16 0.66 0.00	37.75 0.59 0.00	39.26 0.69 0.00	40.01 0.59 0.00	42.06 0.58 0.00	43.81 0.69 0.00	49.70 0.97 0.00	65.19 1.71 0.00	63.49 2.27 0.00	58.60 2.47 0.00	49.91 2.33 0.00	44.80 1.89 0.00	41.46 1.75 0.00	36.93 1.25 0.00
JERICOHO_RISE_WT_PWR 323719	35.68 0.86 -0.40	33.93 0.88 -0.54	31.36 0.82 0.00	31.11 0.82 -1.10	30.53 0.87 -0.67	35.97 1.03 -2.68	43.50 1.26 -3.88	47.65 1.48 -2.58	42.54 1.49 -0.74	39.29 1.33 0.00	37.78 1.28 0.00	40.09 1.08 -1.85	40.75 1.00 -1.19	41.21 0.91 -0.88	42.61 0.70 -0.42	43.69 0.52 -0.05	51.80 0.73 -2.34	64.48 1.01 0.00	62.53 1.22 -0.08	61.46 1.06 -4.27	53.44 0.90 -4.96	46.63 0.94 -2.78	40.66 0.95 0.00	36.75 1.07 0.00
KATONAH__115KV_46KV_TB4 355592	35.73 1.31 0.00	33.62 1.04 -0.08	31.40 0.82 -0.03	29.92 0.73 0.00	29.63 0.64 0.00	33.20 0.94 0.00	39.96 1.61 0.00	45.55 1.96 0.00	42.92 1.98 -0.63	41.02 2.13 -0.93	39.84 2.15 -1.19	40.76 2.34 -1.26	42.51 2.47 -1.47	43.51 2.56 -1.53	46.02 2.86 -1.67	47.88 2.98 -1.79	53.36 3.07 -1.56	69.25 3.74 -2.04	65.75 3.24 -1.28	59.53 2.69 -0.70	49.83 2.09 -0.16	45.45 1.89 -0.64	41.42 1.71 0.00	37.17 1.50 0.00
KCE_NY_1 323755	35.42 1.00 0.00	33.25 0.81 0.07	31.33 0.82 0.03	29.98 0.79 0.00	29.68 0.69 0.00	33.26 1.00 0.00	39.50 1.15 0.00	44.80 1.22 0.00	40.45 0.76 0.62	37.57 0.53 0.92	35.66 0.33 1.17	36.25 0.33 1.24	37.38 0.27 1.46	38.26 0.35 1.51	40.33 0.50 1.65	42.04 0.69 1.76	48.50 1.32 1.55	63.25 1.71 1.93	61.72 1.71 1.22	57.03 1.57 0.67	48.62 1.19 0.15	43.46 1.16 0.61	40.61 0.91 0.02	36.43 0.75 0.00
KCE_NY_6_ESR 323823	33.56 -0.86 0.00	32.05 -0.46 0.00	30.27 -0.61 -0.34	29.24 -0.20 -0.25	28.75 -0.46 -0.22	31.32 -0.94 0.00	36.51 -1.84 0.00	40.75 -2.61 0.22	38.06 -2.26 0.00	35.38 -2.58 0.00	34.20 -2.30 0.00	35.19 -1.97 0.00	36.18 -1.97 0.42	37.69 -1.73 0.00	39.32 -1.87 0.29	40.41 -2.29 0.42	45.09 -2.92 0.72	57.84 -4.19 1.44	58.12 -3.06 0.05	53.82 -2.30 0.00	46.15 -1.43 0.00	41.28 -1.63 0.00	38.56 -1.15 0.00	35.46 -0.21 0.00
KEDC PORT_JEFF_GT2 24210	36.04 1.62 0.00	33.59 1.01 -0.07	31.27 0.70 -0.03	29.60 0.41 0.00	29.34 0.35 0.00	33.00 0.74 0.00	39.84 1.49 0.00	44.76 1.18 0.00	42.75 1.82 -0.62	41.16 2.28 -0.92	40.16 2.48 -1.17	40.89 2.49 -1.25	42.61 2.58 -1.46	43.58 2.64 -1.52	45.20 2.07 -1.65	47.64 2.76 -1.76	53.19 2.92 -1.54	68.26 2.86 -1.92	64.82 2.39 -1.21	59.54 2.75 -0.67	49.10 1.38 -0.14	45.11 1.59 -0.61	42.11 2.38 -0.02	37.64 1.96 0.00
KEDC PORT_JEFF_GT3 24211	36.04 1.62 0.00	33.59 1.01 -0.07	31.27 0.70 -0.03	29.60 0.41 0.00	29.34 0.35 0.00	33.00 0.74 0.00	39.84 1.49 0.00	44.76 1.18 0.00	42.75 1.82 -0.62	41.16 2.28 -0.92	40.16 2.48 -1.17	40.89 2.49 -1.25	42.61 2.58 -1.46	43.58 2.64 -1.52	45.20 2.07 -1.65	47.64 2.76 -1.76	53.19 2.92 -1.54	68.26 2.86 -1.92	64.82 2.39 -1.21	59.54 2.75 -0.67	49.10 1.38 -0.14	45.11 1.59 -0.61	42.11 2.38 -0.02	37.64 1.96 0.00
KEDC_GLWD_GT4 24219	36.04 1.62 0.00	33.75 1.17 -0.07	31.52 0.95 -0.03	29.92 0.73 0.00	29.62 0.64 0.00	33.26 1.00 0.00	40.08 1.73 0.00	45.24 1.66 0.00	42.95 2.01 -0.62	41.24 2.35 -0.92	40.16 2.48 -1.17	41.04 2.64 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.03 2.90 -1.65	48.16 3.28 -1.76	53.39 3.12 -1.54	69.08 3.68 -1.92	65.56 3.12 -1.21	59.49 2.69 -0.67	49.48 1.76 -0.14	45.54 2.02 -0.61	42.03 2.30 -0.02	37.49 1.82 0.00
KEDC_GLWD_GT5 24220	36.04 1.62 0.00	33.75 1.17 -0.07	31.52 0.95 -0.03	29.92 0.73 0.00	29.62 0.64 0.00	33.26 1.00 0.00	40.08 1.73 0.00	45.24 1.66 0.00	42.95 2.01 -0.62	41.24 2.35 -0.92	40.16 2.48 -1.17	41.04 2.64 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.03 2.90 -1.65	48.16 3.28 -1.76	53.39 3.12 -1.54	69.08 3.68 -1.92	65.56 3.12 -1.21	59.49 2.69 -0.67	49.48 1.76 -0.14	45.54 2.02 -0.61	42.03 2.30 -0.02	37.49 1.82 0.00
KENSICO____ 23655	35.69 1.27 0.00	33.53 0.94 -0.07	31.30 0.73 -0.03	29.86 0.67 0.00	29.57 0.58 0.00	33.13 0.87 0.00	39.84 1.50 0.00	45.33 1.74 0.00	42.79 1.85 -0.62	40.93 2.05 -0.92	39.75 2.08 -1.17	40.67 2.27 -1.24	42.41 2.39 -1.46	43.42 2.48 -1.51	45.96 2.82 -1.66	47.82 2.93 -1.77	53.39 3.12 -1.55	69.16 3.68 -2.01	65.67 3.18 -1.26	59.46 2.64 -0.70	49.78 2.05 -0.15	45.40 1.85 -0.64	41.46 1.75 0.00	37.17 1.50 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.73 1.31 0.00	33.60 1.04 -0.05	31.41 0.86 -0.02	29.98 0.79 0.00	29.71 0.72 0.00	33.23 0.97 0.00	39.96 1.61 0.00	45.33 1.74 0.00	42.37 1.65 -0.40	40.26 1.71 -0.60	38.94 1.68 -0.76	39.74 1.78 -0.80	41.47 1.97 -0.94	42.49 2.09 -0.98	45.04 2.49 -1.07	46.89 2.63 -1.14	52.75 3.02 -1.00	68.51 3.74 -1.30	65.59 3.55 -0.82	59.78 3.20 -0.45	50.29 2.62 -0.10	45.51 2.19 -0.41	41.58 1.87 0.00	37.32 1.64 0.00

KIAC_JFK_GT1 23816	35.80 1.38 0.00	33.56 0.98 -0.07	31.30 0.73 -0.03	29.84 0.64 0.00	29.54 0.55 0.00	33.13 0.87 0.00	40.04 1.69 0.00	45.24 1.66 0.00	42.79 1.85 -0.62	41.27 2.39 -0.92	40.12 2.45 -1.17	41.08 2.68 -1.25	42.57 2.55 -1.46	43.62 2.68 -1.52	46.29 3.15 -1.66	48.12 3.23 -1.77	53.74 3.46 -1.55	69.55 4.06 -2.01	65.92 3.43 -1.27	59.63 2.81 -0.70	49.87 2.14 -0.15	45.40 1.85 -0.64	41.78 2.06 0.00	37.35 1.68 0.00
KIAC_JFK_GT2 23817	35.80 1.38 0.00	33.56 0.98 -0.07	31.30 0.73 -0.03	29.84 0.64 0.00	29.54 0.55 0.00	33.13 0.87 0.00	40.04 1.69 0.00	45.24 1.66 0.00	42.79 1.85 -0.62	41.27 2.39 -0.92	40.12 2.45 -1.17	41.08 2.68 -1.25	42.57 2.55 -1.46	43.62 2.68 -1.52	46.29 3.15 -1.66	48.12 3.23 -1.77	53.74 3.46 -1.55	69.55 4.06 -2.01	65.92 3.43 -1.27	59.63 2.81 -0.70	49.87 2.14 -0.15	45.40 1.85 -0.64	41.78 2.06 0.00	37.35 1.68 0.00
KIAC_JFK____ 323774	35.80 1.38 0.00	33.59 1.01 -0.07	31.40 0.82 -0.03	29.81 0.61 0.00	29.54 0.55 0.00	33.16 0.90 0.00	40.08 1.73 0.00	45.24 1.66 0.00	42.79 1.86 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.11 2.71 -1.25	42.61 2.58 -1.46	43.62 2.68 -1.52	46.25 3.11 -1.66	48.13 3.24 -1.77	53.74 3.46 -1.55	69.58 4.19 -1.92	65.92 3.49 -1.21	59.60 2.81 -0.67	49.91 2.19 -0.15	45.41 1.89 -0.61	41.83 2.10 -0.02	37.28 1.61 0.00
KINTIGH__24_KV_GSU 356498	33.39 -1.03 0.00	31.76 -0.75 0.00	30.04 -0.82 -0.32	28.98 -0.44 -0.23	28.53 -0.67 -0.21	31.07 -1.19 0.00	36.24 -2.11 0.00	40.46 -2.88 0.25	37.77 -2.54 0.00	35.22 -2.73 0.00	34.02 -2.48 0.00	34.96 -2.19 0.00	35.81 -2.28 0.48	37.41 -2.01 0.00	38.95 -2.20 0.33	40.09 -2.54 0.49	44.68 -3.22 0.83	57.19 -4.63 1.65	57.62 -3.55 0.05	53.38 -2.75 0.00	45.72 -1.86 0.00	40.98 -1.93 0.00	38.28 -1.43 0.00	35.10 -0.57 0.00
KINTIGH____ 23543	33.49 -0.93 0.00	32.02 -0.49 0.00	30.55 -0.31 -0.32	29.10 -0.32 -0.23	28.93 -0.26 -0.21	31.33 -0.94 0.00	36.66 -1.69 0.00	40.81 -2.53 0.25	38.18 -2.14 0.00	35.98 -1.97 0.00	34.60 -1.90 0.00	35.04 -2.12 0.00	35.92 -2.16 0.48	37.45 -1.97 0.00	38.99 -2.16 0.33	40.09 -2.54 0.49	44.68 -3.22 0.83	57.70 -4.13 1.65	57.87 -3.31 0.05	53.38 -2.75 0.00	45.91 -1.67 0.00	41.16 -1.76 0.00	38.56 -1.15 0.00	34.71 -0.96 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.13 1.48 -0.24	34.36 1.53 -0.32	31.97 1.44 0.00	31.28 1.43 -0.66	30.86 1.48 -0.40	35.57 1.71 -1.60	42.77 2.11 -2.31	47.56 2.44 -1.54	43.17 2.42 -0.44	40.12 2.16 0.00	38.58 2.08 0.00	40.04 1.78 -1.10	40.93 1.66 -0.71	41.48 1.54 -0.52	43.06 1.33 -0.25	44.31 1.16 -0.03	51.58 1.46 -1.39	65.57 2.09 0.00	63.66 2.39 -0.05	60.75 2.08 -2.54	52.24 1.71 -2.95	46.28 1.72 -1.65	41.42 1.71 0.00	37.50 1.82 0.00
LACHUTE____HYDRO 323717	36.31 1.89 0.00	33.99 1.56 0.08	32.12 1.62 0.03	30.71 1.52 0.00	30.32 1.33 0.00	34.20 1.94 0.00	40.49 2.15 0.00	45.76 2.18 0.00	40.77 1.09 0.64	37.51 0.49 0.94	35.42 0.11 1.20	36.07 0.19 1.27	37.12 0.04 1.49	38.11 0.24 1.55	40.16 0.37 1.69	42.09 0.78 1.80	49.29 2.14 1.58	64.78 3.17 1.87	63.54 3.49 1.17	58.79 3.31 0.65	49.86 2.43 0.14	44.64 2.32 0.59	41.52 1.83 0.02	37.10 1.43 0.00
LAWRNCV_115KV_TB1 80681	38.07 0.76 -2.90	37.22 0.75 -3.96	31.30 0.64 -0.12	37.94 0.61 -8.14	34.63 0.67 -4.98	52.64 0.77 -19.60	67.77 1.00 -28.43	63.65 1.18 -18.89	46.81 1.09 -5.41	38.91 0.95 0.00	37.38 0.88 0.00	51.54 0.82 -13.56	48.06 0.81 -8.68	46.60 0.75 -6.43	45.19 0.62 -3.09	44.09 0.60 -0.37	66.85 0.97 -17.15	64.80 1.33 0.00	63.23 1.41 -0.59	88.71 1.29 -31.29	85.02 1.09 -36.35	64.29 1.03 -20.34	40.62 0.91 0.00	36.53 0.86 0.00
LEDERLE____ 23769	35.55 1.14 0.00	33.39 0.81 -0.07	31.24 0.67 -0.03	29.78 0.58 0.00	29.48 0.49 0.00	33.04 0.77 0.00	39.73 1.38 0.00	45.20 1.61 0.00	42.49 1.61 -0.57	40.58 1.78 -0.84	39.39 1.83 -1.07	40.30 2.01 -1.13	42.05 2.16 -1.33	43.08 2.29 -1.38	45.64 2.65 -1.51	47.49 2.76 -1.61	53.11 2.97 -1.41	68.92 3.62 -1.83	65.56 3.18 -1.15	59.40 2.64 -0.63	49.81 2.09 -0.14	45.34 1.85 -0.58	41.38 1.67 0.00	37.07 1.39 0.00
LIGHTHSE_115KV_TB6 355974	34.58 -0.10 -0.26	32.77 -0.10 -0.36	31.31 -0.09 -0.86	30.45 -0.09 -1.34	29.93 -0.06 -1.00	33.93 -0.10 -1.77	40.88 -0.04 -2.57	45.30 -0.04 -1.76	40.64 -0.16 -0.49	37.58 -0.38 0.00	36.10 -0.40 0.00	37.94 -0.45 -1.23	39.07 -0.42 -0.93	39.53 -0.47 -0.58	41.28 -0.58 -0.38	42.78 -0.52 -0.18	49.85 -0.68 -1.80	63.04 -0.83 -0.39	60.80 -0.49 -0.07	58.78 -0.17 -2.82	50.80 -0.05 -3.27	44.75 0.00 -1.83	39.79 0.08 0.00	35.57 -0.11 0.00
LINDEN COGEN____ 23786	25.67 1.31 10.06	22.29 0.94 11.16	18.65 0.79 12.68	14.59 0.58 15.19	14.83 0.52 14.68	19.76 0.84 13.34	25.68 1.57 14.24	25.98 1.75 19.35	25.98 1.93 16.27	24.98 2.24 15.22	25.76 2.30 13.04	26.15 2.45 13.46	28.05 2.54 13.06	30.69 2.68 11.41	36.56 3.03 7.95	38.39 3.11 7.83	45.42 3.27 6.57	62.33 3.94 5.08	58.73 3.30 5.80	52.45 2.64 6.32	38.24 2.09 11.43	29.69 1.89 15.11	32.93 1.91 8.69	26.76 1.46 10.38
LINDHRST_69_KV_BK1 356055	36.35 1.93 0.00	33.92 1.33 -0.07	31.49 0.92 -0.03	29.92 0.73 0.00	29.63 0.64 0.00	33.29 1.03 0.00	40.15 1.80 0.00	45.55 1.96 0.00	43.03 2.10 -0.62	41.35 2.47 -0.92	40.34 2.66 -1.17	41.23 2.82 -1.25	42.84 2.82 -1.46	43.81 2.88 -1.52	46.41 3.28 -1.65	48.20 3.32 -1.76	53.68 3.41 -1.54	69.36 3.87 -2.01	65.86 3.37 -1.27	60.02 3.20 -0.70	49.58 1.86 -0.15	45.40 1.85 -0.64	42.21 2.50 0.00	38.00 2.32 0.00
LIPA_MISC_IPP 23656	35.83 1.41 0.00	33.40 0.81 -0.07	30.97 0.40 -0.03	29.40 0.20 0.00	29.10 0.12 0.00	32.75 0.48 0.00	39.54 1.19 0.00	44.94 1.35 0.00	42.47 1.53 -0.62	40.82 1.94 -0.92	39.86 2.19 -1.17	40.63 2.23 -1.25	42.26 2.24 -1.46	43.14 2.21 -1.52	45.62 2.49 -1.65	47.38 2.50 -1.76	52.81 2.53 -1.54	68.15 2.67 -2.01	64.82 2.33 -1.27	59.24 2.41 -0.70	48.77 1.05 -0.15	44.71 1.16 -0.64	41.54 1.83 0.00	37.46 1.78 0.00
LISF____SOLAR 323691	35.83 1.41 0.00	33.36 0.78 -0.07	31.06 0.49 -0.03	29.43 0.23 0.00	29.13 0.15 0.00	32.81 0.55 0.00	39.65 1.30 0.00	44.54 0.96 0.00	42.51 1.57 -0.62	40.93 2.05 -0.92	39.94 2.26 -1.17	40.63 2.23 -1.25	42.38 2.35 -1.46	43.34 2.40 -1.52	44.95 1.82 -1.65	47.34 2.46 -1.76	52.85 2.58 -1.54	68.32 2.92 -1.92	65.01 2.57 -1.21	59.38 2.58 -0.67	48.91 1.19 -0.14	44.94 1.41 -0.61	41.87 2.14 -0.02	37.46 1.78 0.00
LITTLE FALLS____HYD 24013	34.41 -0.07 -0.06	32.53 -0.07 -0.09	30.45 -0.09 0.00	29.25 -0.12 -0.18	29.01 -0.09 -0.11	32.63 -0.06 -0.43	38.93 -0.04 -0.62	43.95 -0.04 -0.41	40.35 -0.08 -0.12	37.77 -0.19 0.00	36.32 -0.18 0.00	37.27 -0.19 -0.30	38.52 -0.23 -0.19	39.25 -0.32 -0.14	41.22 -0.33 -0.07	42.82 -0.30 -0.01	48.75 -0.34 -0.37	62.96 -0.51 0.00	60.87 -0.37 -0.01	56.51 -0.28 -0.67	48.12 -0.24 -0.78	43.22 -0.13 -0.43	39.59 -0.12 0.00	35.57 -0.11 0.00

LITTLRIV_115KV_TB1 356100	38.25 1.07 -2.77	37.33 1.04 -3.78	31.55 0.89 -0.12	37.85 0.88 -7.78	34.68 0.93 -4.76	52.08 1.10 -18.72	66.96 1.46 -27.15	63.28 1.66 -18.04	46.89 1.41 -5.17	39.14 1.18 0.00	37.56 1.06 0.00	51.08 0.97 -12.96	47.82 0.96 -8.29	46.47 0.91 -6.14	45.22 0.79 -2.95	44.29 0.82 -0.36	66.38 1.27 -16.38	65.31 1.84 0.00	63.81 2.02 -0.57	87.98 1.96 -29.89	83.97 1.67 -34.72	63.89 1.54 -19.43	41.06 1.35 0.00	36.85 1.18 0.00
LI_NEWBRDGE___DRP 323616	35.83 1.41 0.00	33.46 0.88 -0.07	31.12 0.55 -0.03	29.57 0.38 0.00	29.31 0.32 0.00	32.91 0.65 0.00	39.65 1.30 0.00	44.98 1.39 0.00	42.51 1.57 -0.62	40.82 1.94 -0.92	39.83 2.15 -1.17	40.71 2.30 -1.25	42.30 2.28 -1.46	43.22 2.29 -1.52	45.83 2.70 -1.65	47.64 2.76 -1.76	52.95 2.68 -1.54	68.41 2.92 -2.01	64.94 2.45 -1.27	59.07 2.25 -0.70	48.87 1.14 -0.15	44.75 1.20 -0.64	41.54 1.83 0.00	37.39 1.71 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.35 -1.07 0.00	31.99 -0.52 0.00	30.57 -0.31 -0.34	29.11 -0.32 -0.24	28.95 -0.26 -0.22	31.23 -1.03 0.00	36.58 -1.76 0.00	40.52 -2.83 0.23	37.85 -2.46 0.00	35.68 -2.28 0.00	34.31 -2.19 0.00	34.70 -2.45 0.00	35.64 -2.47 0.45	37.13 -2.29 0.00	38.64 -2.53 0.31	39.68 -2.98 0.46	44.25 -3.70 0.78	57.10 -4.82 1.55	57.38 -3.80 0.05	52.93 -3.20 0.00	45.63 -1.95 0.00	40.86 -2.06 0.00	38.40 -1.31 0.00	34.96 -0.71 0.00
LOCKPORT___CC1 323769	33.25 -1.17 0.00	31.99 -0.52 0.00	30.20 -0.67 -0.34	29.00 -0.44 -0.24	28.51 -0.70 -0.22	31.20 -1.06 0.00	35.97 -2.38 0.00	40.08 -3.27 0.23	37.45 -2.86 0.00	34.85 -3.11 0.00	33.65 -2.85 0.00	34.63 -2.53 0.00	35.53 -2.58 0.45	37.09 -2.33 0.00	38.64 -2.53 0.31	39.73 -2.93 0.46	44.25 -3.71 0.77	56.53 -5.40 1.54	57.07 -4.10 0.05	52.93 -3.20 0.00	45.44 -2.14 0.00	40.68 -2.23 0.00	38.08 -1.63 0.00	35.39 -0.29 0.00
LOCKPORT___CC2 323770	33.25 -1.17 0.00	31.99 -0.52 0.00	30.20 -0.67 -0.34	29.00 -0.44 -0.24	28.51 -0.70 -0.22	31.20 -1.06 0.00	35.97 -2.38 0.00	40.08 -3.27 0.23	37.45 -2.86 0.00	34.85 -3.11 0.00	33.65 -2.85 0.00	34.63 -2.53 0.00	35.53 -2.58 0.45	37.09 -2.33 0.00	38.64 -2.53 0.31	39.73 -2.93 0.46	44.25 -3.71 0.77	56.53 -5.40 1.54	57.07 -4.10 0.05	52.93 -3.20 0.00	45.44 -2.14 0.00	40.68 -2.23 0.00	38.08 -1.63 0.00	35.39 -0.29 0.00
LOCKPORT___CC3 323771	33.25 -1.17 0.00	31.99 -0.52 0.00	30.20 -0.67 -0.34	29.00 -0.44 -0.24	28.51 -0.70 -0.22	31.20 -1.06 0.00	35.97 -2.38 0.00	40.08 -3.27 0.23	37.45 -2.86 0.00	34.85 -3.11 0.00	33.65 -2.85 0.00	34.63 -2.53 0.00	35.53 -2.58 0.45	37.09 -2.33 0.00	38.64 -2.53 0.31	39.73 -2.93 0.46	44.25 -3.71 0.77	56.53 -5.40 1.54	57.07 -4.10 0.05	52.93 -3.20 0.00	45.44 -2.14 0.00	40.68 -2.23 0.00	38.08 -1.63 0.00	35.39 -0.29 0.00
LOCUSVLY_69_KV_BK2 55797	36.10 1.69 0.00	33.75 1.17 -0.07	31.43 0.86 -0.03	29.89 0.70 0.00	29.60 0.61 0.00	33.20 0.94 0.00	40.00 1.65 0.00	45.41 1.83 0.00	42.91 1.98 -0.62	41.20 2.32 -0.92	40.16 2.48 -1.17	41.08 2.68 -1.25	42.72 2.70 -1.46	43.70 2.76 -1.52	46.33 3.19 -1.65	48.11 3.23 -1.76	53.49 3.22 -1.54	69.17 3.68 -2.01	65.68 3.18 -1.27	59.69 2.86 -0.70	49.49 1.76 -0.15	45.31 1.76 -0.64	41.89 2.18 0.00	37.67 2.00 0.00
LONG_LAKE_PHOENIX 24014	33.99 -0.52 -0.09	32.17 -0.46 -0.12	31.33 -0.40 -1.19	29.91 -0.38 -1.09	29.54 -0.38 -0.92	32.34 -0.52 -0.59	38.56 -0.65 -0.86	43.59 -0.74 -0.75	39.40 -1.09 -0.18	36.90 -1.06 0.00	35.52 -0.99 0.00	36.56 -1.04 -0.45	38.56 -1.08 -1.08	38.57 -1.06 -0.21	40.97 -1.16 -0.65	42.72 -1.21 -0.81	49.14 -1.51 -1.93	63.30 -1.33 -1.16	60.18 -1.10 -0.06	56.23 -0.84 -0.95	48.01 -0.67 -1.10	42.84 -0.69 -0.62	39.19 -0.52 0.00	35.11 -0.57 0.00
LOVETT___3 23632	35.45 1.03 0.00	33.29 0.72 -0.07	31.12 0.55 -0.03	29.69 0.50 0.00	29.39 0.41 0.00	32.94 0.68 0.00	39.61 1.27 0.00	45.07 1.48 0.00	42.42 1.53 -0.58	40.52 1.71 -0.85	39.34 1.75 -1.08	40.24 1.93 -1.15	42.00 2.08 -1.35	42.99 2.17 -1.40	45.50 2.49 -1.53	47.34 2.59 -1.64	52.89 2.73 -1.43	68.63 3.30 -1.86	65.21 2.82 -1.17	59.13 2.36 -0.64	49.53 1.81 -0.14	45.14 1.63 -0.59	41.22 1.51 0.00	36.93 1.25 0.00
LOVETT___4 23642	35.45 1.03 0.00	33.29 0.72 -0.07	31.12 0.55 -0.03	29.69 0.50 0.00	29.39 0.41 0.00	32.94 0.68 0.00	39.61 1.27 0.00	45.07 1.48 0.00	42.42 1.53 -0.58	40.52 1.71 -0.85	39.34 1.75 -1.08	40.24 1.93 -1.15	42.00 2.08 -1.35	42.99 2.17 -1.40	45.50 2.49 -1.53	47.34 2.59 -1.64	52.89 2.73 -1.43	68.63 3.30 -1.86	65.21 2.82 -1.17	59.13 2.36 -0.64	49.53 1.81 -0.14	45.14 1.63 -0.59	41.22 1.51 0.00	36.93 1.25 0.00
LOVETT___5 23593	35.45 1.03 0.00	33.29 0.72 -0.07	31.12 0.55 -0.03	29.69 0.50 0.00	29.39 0.41 0.00	32.94 0.68 0.00	39.61 1.27 0.00	45.07 1.48 0.00	42.42 1.53 -0.58	40.52 1.71 -0.85	39.34 1.75 -1.08	40.24 1.93 -1.15	42.00 2.08 -1.35	42.99 2.17 -1.40	45.50 2.49 -1.53	47.34 2.59 -1.64	52.89 2.73 -1.43	68.63 3.30 -1.86	65.21 2.82 -1.17	59.13 2.36 -0.64	49.53 1.81 -0.14	45.14 1.63 -0.59	41.22 1.51 0.00	36.93 1.25 0.00
LOWER RAQUET___HYD 24057	37.86 0.79 -2.65	36.90 0.78 -3.62	31.34 0.67 -0.13	37.32 0.67 -7.45	34.27 0.72 -4.56	51.00 0.84 -17.90	65.38 1.07 -25.96	62.10 1.26 -17.25	46.38 1.13 -4.94	38.94 0.99 0.00	37.41 0.91 0.00	50.40 0.86 -12.39	47.30 0.81 -7.93	46.04 0.75 -5.87	44.96 0.66 -2.82	44.06 0.60 -0.34	65.36 0.97 -15.66	64.87 1.39 0.00	63.23 1.47 -0.54	86.10 1.40 -28.57	81.96 1.19 -33.19	62.61 1.11 -18.58	40.70 0.99 0.00	36.57 0.89 0.00
LOWER___HUDSON 24059	35.00 0.58 0.00	32.84 0.42 0.09	30.93 0.43 0.04	29.57 0.38 0.00	29.34 0.35 0.00	32.81 0.55 0.00	39.04 0.69 0.00	44.37 0.79 0.00	40.15 0.61 0.77	37.39 0.57 1.14	35.49 0.44 1.45	36.09 0.48 1.54	37.22 0.46 1.81	38.02 0.47 1.88	40.05 0.62 2.05	41.66 0.73 2.19	47.79 0.97 1.92	62.25 1.27 2.49	60.76 1.10 1.57	56.16 0.90 0.86	48.05 0.67 0.19	42.81 0.68 0.79	40.17 0.48 0.02	36.11 0.43 0.00
LOWVILLE_115KV_TB2 356335	35.66 0.48 -0.76	33.96 0.42 -1.03	31.14 0.31 -0.29	31.79 0.29 -2.31	30.83 0.38 -1.47	37.82 0.45 -5.11	46.52 0.77 -7.41	49.47 0.96 -4.92	42.37 0.64 -1.41	38.19 0.23 0.00	36.68 0.18 0.00	40.84 0.15 -3.54	41.10 0.27 -2.26	41.29 0.20 -1.68	42.41 0.12 -0.80	43.43 0.22 -0.10	53.47 0.29 -4.45	64.11 0.63 0.00	62.42 1.04 -0.15	65.48 1.23 -8.12	58.15 1.14 -9.43	49.23 1.03 -5.28	40.54 0.83 0.00	36.25 0.57 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.42 1.00 0.00	33.21 0.78 0.07	31.27 0.76 0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.23 0.97 0.00	39.42 1.07 0.00	44.76 1.18 0.00	40.42 0.73 0.62	37.45 0.42 0.92	35.62 0.29 1.17	36.25 0.33 1.24	37.38 0.27 1.46	38.26 0.35 1.51	40.32 0.50 1.65	42.04 0.69 1.76	48.45 1.27 1.55	63.11 1.65 2.01	61.61 1.65 1.26	57.00 1.57 0.70	48.57 1.14 0.15	43.39 1.12 0.64	40.58 0.87 0.00	36.43 0.75 0.00

LUTHERNY_35_KV_BK2 355980	35.42 1.00 0.00	33.21 0.78 0.07	31.30 0.79 0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.23 0.97 0.00	39.46 1.11 0.00	44.76 1.18 0.00	40.42 0.73 0.62	37.49 0.46 0.92	35.62 0.29 1.17	36.25 0.33 1.24	37.38 0.27 1.46	38.26 0.35 1.51	40.32 0.50 1.65	42.04 0.69 1.76	48.50 1.32 1.55	63.17 1.71 2.01	61.68 1.71 1.26	57.00 1.57 0.70	48.57 1.14 0.15	43.44 1.16 0.64	40.62 0.91 0.00	36.43 0.75 0.00
LWR___OSWEGATCHIE_HYD 23850	36.87 0.65 -1.79	35.58 0.62 -2.45	31.27 0.49 -0.25	34.85 0.50 -5.16	32.73 0.55 -3.19	45.08 0.68 -12.14	56.91 0.96 -17.60	56.46 1.18 -11.70	44.59 0.93 -3.35	38.57 0.61 0.00	37.05 0.55 0.00	46.04 0.48 -8.40	44.48 0.54 -5.38	43.83 0.43 -3.98	43.72 0.33 -1.91	43.74 0.39 -0.23	59.93 0.58 -10.61	64.36 0.89 0.00	62.82 1.22 -0.37	76.78 1.29 -19.36	71.21 1.14 -22.49	56.62 1.12 -12.59	40.66 0.95 0.00	36.43 0.75 0.00
LYONS_FALL_HYD 23570	35.40 0.48 -0.50	33.65 0.45 -0.69	31.10 0.34 -0.23	31.08 0.32 -1.56	30.40 0.41 -1.00	36.15 0.48 -3.41	44.06 0.77 -4.94	47.79 0.92 -3.28	41.94 0.68 -0.94	38.26 0.30 0.00	36.76 0.26 0.00	39.78 0.26 -2.36	40.42 0.35 -1.51	40.82 0.28 -1.12	42.27 0.25 -0.54	43.49 0.30 -0.06	52.08 0.39 -2.96	64.17 0.70 0.00	62.37 1.04 -0.10	62.76 1.23 -5.40	54.95 1.10 -6.27	47.37 0.94 -3.51	40.50 0.79 0.00	36.25 0.57 0.00
MADISON___COUNTY_LFGE 323628	35.27 0.69 -0.16	33.38 0.65 -0.22	31.41 0.58 -0.29	30.38 0.53 -0.67	30.07 0.61 -0.47	34.05 0.68 -1.11	40.88 0.92 -1.61	45.74 1.09 -1.07	41.51 0.89 -0.31	38.53 0.57 0.00	36.98 0.47 0.00	38.41 0.48 -0.77	39.49 0.54 -0.39	40.26 0.47 -0.36	42.04 0.46 -0.10	43.55 0.52 0.08	49.93 0.49 -0.72	64.30 0.83 0.00	62.36 1.10 -0.03	59.02 1.23 -1.66	50.65 1.14 -1.93	44.90 0.90 -1.08	40.50 0.79 0.00	36.25 0.57 0.00
MALONE___115KV_TB1 356076	36.65 1.27 -0.96	35.09 1.27 -1.31	31.70 1.16 0.00	33.03 1.17 -2.67	31.80 1.19 -1.63	40.18 1.42 -6.50	49.54 1.76 -9.43	51.90 2.05 -6.26	44.12 2.02 -1.79	39.74 1.78 0.00	38.22 1.72 0.00	43.14 1.49 -4.50	42.87 1.43 -2.88	42.89 1.34 -2.13	43.66 1.16 -1.02	44.32 1.08 -0.12	55.83 1.41 -5.69	65.50 2.03 0.00	63.69 2.27 -0.20	68.47 1.96 -10.37	61.29 1.67 -12.05	51.25 1.59 -6.74	41.22 1.51 0.00	37.21 1.53 0.00
MAPLEWOD_115KV_TB3 80458	34.73 0.31 0.00	32.58 0.13 0.06	30.66 0.15 0.03	29.34 0.15 0.00	29.13 0.14 0.00	32.55 0.29 0.00	38.66 0.31 0.00	43.98 0.39 0.00	40.07 0.28 0.52	37.42 0.23 0.77	35.70 0.18 0.98	36.34 0.22 1.04	37.54 0.19 1.22	38.31 0.16 1.27	40.43 0.33 1.38	42.03 0.39 1.48	47.97 0.54 1.29	62.42 0.63 1.68	60.66 0.49 1.06	55.88 0.34 0.58	47.59 0.14 0.13	42.60 0.21 0.53	39.75 0.04 0.00	35.85 0.18 0.00
MAPLE_RIDGE_WT_1 323574	34.18 -0.17 0.07	32.26 -0.16 0.09	30.39 -0.15 0.00	28.89 -0.12 0.19	28.82 -0.06 0.11	31.74 -0.06 0.45	37.65 -0.04 0.66	43.10 -0.04 0.44	40.19 0.00 0.13	37.96 0.00 0.00	36.54 0.04 0.00	36.84 0.00 0.31	38.36 0.00 0.20	39.23 -0.04 0.15	41.33 -0.08 0.07	42.98 -0.13 0.01	48.18 -0.15 0.40	63.28 -0.19 0.00	61.03 -0.18 0.01	55.12 -0.28 0.73	46.44 -0.28 0.85	42.14 -0.30 0.48	39.43 -0.28 0.00	35.43 -0.25 0.00
MAPLE_RIDGE_WT_2 323611	34.18 -0.17 0.07	32.26 -0.16 0.09	30.39 -0.15 0.00	28.89 -0.12 0.19	28.82 -0.06 0.11	31.74 -0.06 0.45	37.65 -0.04 0.66	43.10 -0.04 0.44	40.19 0.00 0.13	37.96 0.00 0.00	36.54 0.04 0.00	36.84 0.00 0.31	38.36 0.00 0.20	39.23 -0.04 0.15	41.33 -0.08 0.07	42.98 -0.13 0.01	48.18 -0.15 0.40	63.28 -0.19 0.00	61.03 -0.18 0.01	55.12 -0.28 0.73	46.44 -0.28 0.85	42.14 -0.30 0.48	39.43 -0.28 0.00	35.43 -0.25 0.00
MARBLE_RIVER_WT_PWR 323696	35.96 1.34 -0.20	34.18 1.40 -0.28	31.85 1.31 0.00	31.10 1.34 -0.56	30.72 1.39 -0.34	35.24 1.61 -1.36	42.32 1.99 -1.98	47.20 2.31 -1.31	42.98 2.30 -0.38	40.04 2.09 0.00	38.51 2.01 0.00	39.81 1.71 -0.94	40.71 1.54 -0.60	41.25 1.38 -0.45	42.77 1.08 -0.21	43.96 0.82 -0.03	50.94 1.02 -1.19	64.99 1.52 0.00	63.04 1.78 -0.04	59.87 1.57 -2.17	51.38 1.29 -2.52	45.70 1.37 -1.41	41.22 1.51 0.00	37.35 1.68 0.00
MARSHVLE_115KV_TB1 80742	36.17 1.76 0.00	34.06 1.59 0.04	32.08 1.56 0.02	30.68 1.49 0.00	30.44 1.45 0.00	34.04 1.77 0.00	40.50 2.15 0.00	45.81 2.22 0.00	41.27 1.29 0.33	37.93 0.46 0.49	35.81 -0.07 0.62	36.27 -0.22 0.66	37.52 -0.27 0.77	38.42 -0.20 0.80	40.44 -0.17 0.88	42.27 0.09 0.93	48.84 0.93 0.82	64.75 2.35 1.07	64.05 3.49 0.67	59.41 3.65 0.37	50.40 2.90 0.08	45.24 2.66 0.34	41.93 2.22 0.00	37.42 1.75 0.00
MARSH_HILL_WT_PWR 323713	34.18 -0.24 0.00	32.41 -0.10 0.00	30.91 -0.06 -0.44	29.74 0.23 -0.31	29.30 0.03 -0.28	32.07 -0.19 0.00	37.73 -0.62 0.00	42.50 -0.96 0.13	39.39 -0.93 0.00	36.59 -1.36 0.00	35.26 -1.24 0.00	35.97 -1.19 0.00	37.20 -1.12 0.25	38.47 -0.95 0.00	40.15 -1.16 0.17	41.79 -1.08 0.25	46.83 -1.41 0.48	61.10 -1.52 0.85	60.77 -0.43 0.03	56.24 0.11 0.00	48.01 0.43 0.00	42.92 0.00 0.00	39.87 0.16 0.00	36.07 0.39 0.00
MCINTYRE_115KV_TB2 80467	38.55 1.17 -2.96	37.73 1.17 -4.05	31.66 1.01 -0.11	38.48 0.96 -8.32	35.12 1.04 -5.09	53.50 1.19 -20.05	69.00 1.57 -29.08	64.69 1.79 -19.32	47.34 1.49 -5.53	39.14 1.18 0.00	37.60 1.10 0.00	52.03 1.00 -13.87	48.41 0.96 -8.88	46.90 0.91 -6.57	45.42 0.79 -3.16	44.36 0.86 -0.38	67.68 1.41 -17.54	65.50 2.03 0.00	64.10 2.27 -0.61	90.32 2.19 -32.01	86.66 1.90 -37.18	65.44 1.72 -20.81	41.22 1.51 0.00	37.00 1.32 0.00
MECO_____69_KV_BK1 80468	36.28 1.86 0.00	34.12 1.66 0.04	32.17 1.65 0.02	30.77 1.58 0.00	30.49 1.51 0.00	34.16 1.90 0.00	40.61 2.26 0.00	45.94 2.35 0.00	41.32 1.37 0.36	37.95 0.53 0.54	35.78 -0.04 0.68	36.21 -0.22 0.72	37.41 -0.31 0.85	38.30 -0.24 0.88	40.39 -0.12 0.96	42.35 0.26 1.03	49.19 1.36 0.90	65.22 2.92 1.17	64.35 3.86 0.74	59.54 3.82 0.40	50.49 3.00 0.09	45.33 2.79 0.37	42.01 2.30 0.00	37.50 1.82 0.00
MENANDS___115KV_TB5 355628	34.56 0.14 0.00	32.41 -0.03 0.06	30.48 -0.03 0.03	29.19 0.00 0.00	29.02 0.03 0.00	32.39 0.13 0.00	38.46 0.12 0.00	43.76 0.17 0.00	39.92 0.12 0.52	37.30 0.11 0.77	35.64 0.11 0.97	36.27 0.15 1.04	37.43 0.08 1.21	38.16 0.00 1.26	40.27 0.17 1.38	41.86 0.22 1.47	47.73 0.29 1.29	62.05 0.25 1.68	60.23 0.06 1.05	55.55 0.00 0.58	47.31 -0.14 0.13	42.34 -0.04 0.53	39.51 -0.20 0.00	35.68 0.00 0.00
MG INDUSTRY___DRP 24185	34.76 0.34 0.00	32.74 0.26 0.03	30.77 0.24 0.01	29.43 0.23 0.00	29.22 0.23 0.00	32.58 0.32 0.00	38.62 0.27 0.00	43.93 0.35 0.00	40.24 0.20 0.27	37.67 0.11 0.41	36.02 0.04 0.52	36.64 0.04 0.55	37.92 0.00 0.64	38.55 -0.20 0.67	40.67 -0.08 0.73	42.30 -0.04 0.78	47.27 -0.78 0.68	61.57 -1.02 0.89	59.63 -1.04 0.56	54.81 -1.01 0.31	46.56 -0.95 0.07	41.86 -0.77 0.28	38.88 -0.83 0.00	35.21 -0.46 0.00

MID___OSWEGATCHIE_HYD 23849	36.87 0.65 -1.79	35.58 0.62 -2.45	31.27 0.49 -0.25	34.85 0.50 -5.16	32.73 0.55 -3.19	45.08 0.68 -12.14	56.91 0.96 -17.60	56.46 1.18 -11.70	44.59 0.93 -3.35	38.57 0.61 0.00	37.05 0.55 0.00	46.04 0.48 -8.40	44.48 0.54 -5.38	43.83 0.43 -3.98	43.72 0.33 -1.91	43.74 0.39 -0.23	59.93 0.58 -10.61	64.36 0.89 0.00	62.82 1.22 -0.37	76.78 1.29 -19.36	71.21 1.14 -22.49	56.62 1.12 -12.59	40.66 0.95 0.00	36.43 0.75 0.00
MID___RAQUETTE_HYD 23851	37.86 0.79 -2.65	36.90 0.78 -3.62	31.34 0.67 -0.13	37.31 0.67 -7.45	34.27 0.72 -4.56	51.00 0.84 -17.90	65.38 1.07 -25.96	62.10 1.26 -17.25	46.38 1.13 -4.94	38.95 0.99 0.00	37.41 0.91 0.00	50.40 0.85 -12.39	47.30 0.81 -7.93	46.04 0.75 -5.87	44.92 0.62 -2.82	44.06 0.60 -0.34	65.36 0.97 -15.66	64.87 1.40 0.00	63.24 1.47 -0.54	86.10 1.40 -28.57	81.96 1.19 -33.19	62.61 1.12 -18.58	40.70 0.99 0.00	36.57 0.89 0.00
MILLIKEN___1 23584	34.83 0.41 0.00	32.93 0.42 0.00	31.60 0.46 -0.60	30.06 0.44 -0.43	29.78 0.41 -0.39	32.62 0.35 0.00	38.77 0.42 0.00	44.02 0.44 0.00	40.63 0.32 0.00	38.07 0.11 0.00	36.57 0.07 0.00	37.16 0.00 0.00	38.60 0.04 0.00	39.54 0.12 0.00	41.48 0.00 0.00	43.20 0.09 0.00	48.83 0.10 0.00	63.98 0.51 0.00	62.02 0.80 0.00	57.14 1.01 0.00	48.58 1.00 0.00	43.60 0.69 0.00	40.43 0.71 0.00	36.10 0.43 0.00
MILLIKEN___2 23585	34.83 0.41 0.00	32.93 0.42 0.00	31.60 0.46 -0.60	30.06 0.44 -0.43	29.78 0.41 -0.39	32.62 0.35 0.00	38.77 0.42 0.00	44.02 0.44 0.00	40.63 0.32 0.00	38.07 0.11 0.00	36.57 0.07 0.00	37.16 0.00 0.00	38.60 0.04 0.00	39.54 0.12 0.00	41.48 0.00 0.00	43.20 0.09 0.00	48.83 0.10 0.00	63.98 0.51 0.00	62.02 0.80 0.00	57.14 1.01 0.00	48.58 1.00 0.00	43.60 0.69 0.00	40.43 0.71 0.00	36.10 0.43 0.00
MILLIKEN___DIESEL 23629	34.83 0.41 0.00	32.93 0.42 0.00	31.60 0.46 -0.60	30.06 0.44 -0.43	29.78 0.41 -0.39	32.62 0.35 0.00	38.77 0.42 0.00	44.02 0.44 0.00	40.63 0.32 0.00	38.07 0.11 0.00	36.57 0.07 0.00	37.16 0.00 0.00	38.60 0.04 0.00	39.54 0.12 0.00	41.48 0.00 0.00	43.20 0.09 0.00	48.83 0.10 0.00	63.98 0.51 0.00	62.02 0.80 0.00	57.14 1.01 0.00	48.58 1.00 0.00	43.60 0.69 0.00	40.43 0.71 0.00	36.10 0.43 0.00
MILLSEAT___LFGE 323607	34.07 -0.34 0.00	32.74 0.23 0.00	30.87 0.00 -0.34	29.64 0.21 -0.24	29.15 -0.06 -0.22	32.00 -0.26 0.00	37.01 -1.34 0.00	41.47 -1.87 0.24	38.58 -1.73 0.00	35.91 -2.05 0.00	34.57 -1.94 0.00	35.56 -1.60 0.00	36.33 -1.77 0.46	37.96 -1.46 0.00	39.46 -1.70 0.32	40.67 -1.98 0.47	45.50 -2.44 0.80	58.52 -3.37 1.59	59.16 -2.02 0.05	54.89 -1.24 0.00	46.81 -0.76 0.00	41.93 -0.99 0.00	39.15 -0.56 0.00	36.07 0.39 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.62 1.20 0.00	33.46 0.88 -0.07	31.24 0.67 -0.03	29.81 0.61 0.00	29.51 0.52 0.00	33.07 0.81 0.00	39.77 1.42 0.00	45.24 1.66 0.00	42.67 1.73 -0.62	40.81 1.94 -0.92	39.64 1.97 -1.17	40.55 2.16 -1.24	42.29 2.28 -1.45	43.30 2.37 -1.51	45.83 2.70 -1.65	47.64 2.76 -1.76	53.20 2.92 -1.54	68.97 3.49 -2.01	65.49 3.00 -1.26	59.29 2.47 -0.69	49.63 1.90 -0.15	45.27 1.72 -0.64	41.34 1.63 0.00	37.07 1.39 0.00
MILLWOOD_13_KV_LOAD 356217	35.69 1.27 0.00	33.53 0.94 -0.07	31.33 0.76 -0.03	29.86 0.67 0.00	29.57 0.58 0.00	33.13 0.87 0.00	39.88 1.53 0.00	45.37 1.79 0.00	42.79 1.85 -0.62	40.93 2.05 -0.92	39.75 2.08 -1.17	40.66 2.27 -1.24	42.41 2.39 -1.45	43.41 2.48 -1.51	45.95 2.82 -1.65	47.77 2.89 -1.76	53.34 3.07 -1.54	69.16 3.68 -2.01	65.61 3.12 -1.26	59.46 2.64 -0.69	49.78 2.05 -0.15	45.40 1.85 -0.64	41.42 1.71 0.00	37.14 1.46 0.00
MODEL_CITY_ENERGY 24167	32.90 -1.51 0.00	31.89 -0.62 0.00	30.11 -0.76 -0.34	28.76 -0.67 -0.24	28.28 -0.93 -0.22	31.10 -1.16 0.00	35.63 -2.72 0.00	39.65 -3.70 0.23	37.05 -3.26 0.00	34.47 -3.49 0.00	33.32 -3.18 0.00	34.30 -2.86 0.00	35.15 -2.97 0.45	36.70 -2.72 0.00	38.26 -2.90 0.31	39.30 -3.36 0.45	43.77 -4.19 0.77	55.84 -6.09 1.54	56.40 -4.78 0.05	52.37 -3.76 0.00	44.91 -2.66 0.00	40.25 -2.66 0.00	37.69 -2.02 0.00	35.25 -0.43 0.00
MODERN_LFGE___ 323580	32.90 -1.51 0.00	31.89 -0.62 0.00	30.11 -0.76 -0.34	28.76 -0.67 -0.24	28.28 -0.93 -0.22	31.10 -1.16 0.00	35.63 -2.72 0.00	39.65 -3.70 0.23	37.05 -3.26 0.00	34.47 -3.49 0.00	33.32 -3.18 0.00	34.30 -2.86 0.00	35.15 -2.97 0.45	36.70 -2.72 0.00	38.26 -2.90 0.31	39.30 -3.36 0.45	43.77 -4.19 0.77	55.84 -6.09 1.54	56.40 -4.78 0.05	52.37 -3.76 0.00	44.91 -2.66 0.00	40.25 -2.66 0.00	37.69 -2.02 0.00	35.25 -0.43 0.00
MOHAWK_PAPER___DRP 24187	34.73 0.31 0.00	32.58 0.13 0.06	30.66 0.15 0.03	29.34 0.15 0.00	29.13 0.14 0.00	32.55 0.29 0.00	38.66 0.31 0.00	43.98 0.39 0.00	40.07 0.28 0.52	37.42 0.23 0.77	35.70 0.18 0.98	36.34 0.22 1.04	37.54 0.19 1.22	38.31 0.16 1.27	40.43 0.33 1.38	42.03 0.39 1.48	47.97 0.54 1.29	62.42 0.63 1.68	60.66 0.49 1.06	55.88 0.34 0.58	47.59 0.14 0.13	42.60 0.21 0.53	39.75 0.04 0.00	35.85 0.18 0.00
MOHICAN___35_KV_115KV_LD 80490	35.38 0.96 0.00	33.15 0.72 0.08	31.27 0.76 0.03	29.92 0.73 0.00	29.63 0.64 0.00	33.26 1.00 0.00	39.42 1.07 0.00	44.67 1.09 0.00	40.07 0.40 0.64	37.01 0.00 0.95	35.15 -0.15 1.21	35.73 -0.15 1.28	36.80 -0.27 1.50	37.70 -0.16 1.56	39.74 -0.04 1.70	41.52 0.22 1.82	48.21 1.07 1.59	62.86 1.46 2.07	61.52 1.59 1.30	56.93 1.52 0.72	48.42 1.00 0.16	43.29 1.03 0.66	40.46 0.75 0.00	36.25 0.57 0.00
MONGAUP___HYD 23641	35.45 1.03 0.00	33.38 0.81 -0.06	31.30 0.73 -0.03	29.81 0.61 0.00	29.54 0.55 0.00	33.07 0.81 0.00	39.65 1.30 0.00	44.94 1.35 0.00	41.95 1.13 -0.51	39.96 1.25 -0.75	38.66 1.20 -0.96	39.44 1.26 -1.02	41.14 1.39 -1.19	42.11 1.46 -1.24	44.61 1.78 -1.35	46.50 1.94 -1.44	52.23 2.24 -1.26	68.03 2.98 -1.58	65.04 2.82 -0.99	59.14 2.47 -0.55	49.70 2.00 -0.12	45.13 1.72 -0.50	41.11 1.39 -0.01	36.85 1.18 0.00
MONTAUK___DIESEL 23721	36.10 1.69 0.00	33.49 0.91 -0.07	31.00 0.43 -0.03	29.43 0.23 0.00	29.16 0.17 0.00	32.91 0.65 0.00	39.65 1.30 0.00	45.24 1.66 0.00	42.91 1.98 -0.62	41.46 2.58 -0.92	40.70 3.03 -1.17	41.67 3.27 -1.25	43.53 3.51 -1.46	43.93 3.00 -1.52	46.45 3.32 -1.65	48.24 3.36 -1.76	53.63 3.36 -1.54	68.91 3.43 -2.01	66.41 3.92 -1.27	60.87 4.04 -0.70	49.96 2.24 -0.15	45.48 1.93 -0.64	41.70 1.99 0.00	37.64 1.96 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.25 -0.17 0.00	32.77 0.26 0.00	31.25 0.37 -0.35	29.85 0.41 -0.25	29.65 0.43 -0.23	32.20 -0.06 0.00	38.00 -0.35 0.00	42.42 -0.96 0.21	39.51 -0.81 0.00	37.09 -0.87 0.00	35.73 -0.77 0.00	36.26 -0.89 0.00	37.47 -0.69 0.40	38.87 -0.55 0.00	40.49 -0.71 0.28	41.54 -1.16 0.41	46.49 -1.56 0.68	60.31 -1.78 1.39	60.14 -1.04 0.05	55.29 -0.84 0.00	47.39 -0.19 0.00	42.44 -0.47 0.00	39.71 0.00 0.00	35.21 -0.46 0.00

MORRIS RIDGE___SOLAR 323848	33.87 -0.55 0.00	32.22 -0.29 0.00	30.62 -0.31 -0.39	29.44 -0.03 -0.28	29.01 -0.23 -0.25	31.71 -0.55 0.00	37.20 -1.15 0.00	41.77 -1.66 0.16	38.78 -1.53 0.00	36.10 -1.86 0.00	34.79 -1.71 0.00	35.48 -1.67 0.00	36.59 -1.66 0.32	37.92 -1.50 0.00	39.60 -1.66 0.22	40.86 -1.94 0.32	45.79 -2.39 0.55	59.41 -2.98 1.08	59.41 -1.78 0.04	55.06 -1.07 0.00	47.06 -0.52 0.00	42.06 -0.86 0.00	39.15 -0.56 0.00	35.64 -0.04 0.00
MORTIMER_115KV_TB3 55949	34.14 -0.28 0.00	32.48 -0.03 0.00	30.90 0.03 -0.33	29.43 0.00 -0.24	29.26 0.06 -0.22	31.97 -0.29 0.00	37.66 -0.69 0.00	42.41 -0.92 0.26	39.47 -0.85 0.00	37.16 -0.80 0.00	35.70 -0.80 0.00	36.23 -0.93 0.00	37.02 -1.04 0.50	38.59 -0.83 0.00	40.05 -1.08 0.35	41.40 -1.21 0.51	46.40 -1.46 0.87	60.16 -1.59 1.72	60.19 -0.98 0.06	55.51 -0.62 0.00	47.24 -0.33 0.00	42.40 -0.51 0.00	39.51 -0.20 0.00	35.32 -0.36 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.90 1.48 0.00	33.69 1.11 -0.07	31.43 0.86 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.23 0.97 0.00	40.04 1.69 0.00	45.55 1.96 0.00	42.99 2.06 -0.62	41.20 2.32 -0.92	40.01 2.34 -1.17	40.97 2.56 -1.25	42.68 2.66 -1.46	43.69 2.76 -1.52	46.29 3.15 -1.66	48.17 3.28 -1.77	53.74 3.46 -1.55	69.55 4.06 -2.01	65.98 3.49 -1.27	59.74 2.92 -0.70	49.97 2.24 -0.15	45.57 2.02 -0.64	41.70 1.99 0.00	37.39 1.71 0.00
MUNSVILLE_WIND_PWR 323609	36.21 1.79 0.00	34.30 1.79 0.00	32.49 1.53 -0.42	30.98 1.49 -0.30	30.83 1.56 -0.27	33.97 1.71 0.00	40.57 2.22 0.00	46.24 2.66 0.00	42.37 2.05 0.00	39.14 1.18 0.00	37.45 0.95 0.00	38.01 0.86 0.00	39.53 0.96 0.00	40.13 0.71 0.00	42.14 0.66 0.00	44.02 0.91 0.00	50.14 1.41 0.00	66.01 2.54 0.00	64.71 3.49 0.00	60.06 3.93 0.00	51.15 3.57 0.00	45.83 2.92 0.00	42.37 2.66 0.00	37.74 2.07 0.00
N SALMON___HYD 24042	36.65 1.27 -0.96	35.09 1.27 -1.31	31.70 1.16 0.00	33.03 1.17 -2.67	31.80 1.19 -1.63	40.15 1.39 -6.50	49.54 1.77 -9.43	51.90 2.05 -6.26	44.08 1.97 -1.79	39.71 1.75 0.00	38.22 1.72 0.00	43.14 1.49 -4.50	42.87 1.43 -2.88	42.89 1.34 -2.13	43.71 1.20 -1.02	44.32 1.08 -0.12	55.83 1.41 -5.69	65.50 2.03 0.00	63.69 2.27 -0.20	68.46 1.96 -10.37	61.29 1.66 -12.05	51.25 1.59 -6.74	41.18 1.47 0.00	37.21 1.53 0.00
N.AKRON__115KV_KNAPP 355671	34.35 -0.07 0.00	32.87 0.36 0.00	31.33 0.46 -0.34	29.87 0.44 -0.24	29.73 0.52 -0.22	32.16 -0.10 0.00	37.77 -0.58 0.00	42.17 -1.18 0.24	39.22 -1.09 0.00	36.90 -1.06 0.00	35.37 -1.13 0.00	35.82 -1.34 0.00	36.64 -1.47 0.46	38.24 -1.18 0.00	39.71 -1.45 0.32	40.88 -1.77 0.47	45.74 -2.19 0.80	59.41 -2.48 1.59	59.83 -1.35 0.05	55.29 -0.84 0.00	47.34 -0.24 0.00	42.31 -0.60 0.00	39.67 -0.04 0.00	35.82 0.14 0.00
N.E_GEN_SANDY PD 24062	34.90 0.48 0.00	32.20 0.29 0.60	30.52 0.24 0.26	29.40 0.21 0.00	29.13 0.15 0.00	32.62 0.36 0.00	39.00 0.65 0.00	44.28 0.70 0.00	36.03 0.73 5.01	31.41 0.87 7.42	27.95 0.87 9.43	28.03 0.89 10.02	27.80 0.96 11.73	28.22 0.99 12.19	29.32 1.16 13.32	30.16 1.25 14.21	37.60 1.32 12.44	48.80 1.59 16.26	52.23 1.22 10.22	51.40 0.90 5.62	47.00 0.67 1.24	40.80 0.64 2.76	38.10 0.60 2.21	35.00 0.46 1.14
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.45 1.03 0.00	33.32 0.75 -0.07	31.15 0.58 -0.03	29.72 0.53 0.00	29.42 0.43 0.00	32.94 0.68 0.00	39.61 1.27 0.00	45.07 1.48 0.00	42.37 1.49 -0.57	40.47 1.67 -0.84	39.29 1.72 -1.07	40.23 1.93 -1.14	41.98 2.08 -1.33	42.97 2.17 -1.39	45.49 2.49 -1.52	47.32 2.59 -1.62	52.92 2.78 -1.42	68.68 3.36 -1.84	65.32 2.94 -1.16	59.18 2.41 -0.64	49.62 1.90 -0.14	45.17 1.67 -0.58	41.26 1.55 0.00	36.96 1.28 0.00
N.QUEENS_27_KV_LOAD 356247	36.14 1.72 0.00	33.82 1.24 -0.07	31.49 0.92 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.10 0.84 0.00	39.84 1.50 0.00	45.28 1.70 0.00	42.91 1.98 -0.62	41.16 2.28 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.50 3.36 -1.66	48.47 3.58 -1.77	53.74 3.46 -1.55	69.48 4.00 -2.01	65.80 3.31 -1.27	59.46 2.64 -0.70	49.83 2.09 -0.15	45.44 1.89 -0.64	42.22 2.50 -0.01	37.79 2.10 -0.01
N.TROY___115KV_TB1 355778	35.00 0.59 0.00	32.81 0.39 0.09	30.86 0.37 0.04	29.57 0.38 0.00	29.34 0.35 0.00	32.78 0.52 0.00	39.00 0.65 0.00	44.32 0.74 0.00	40.10 0.56 0.77	37.27 0.46 1.14	35.45 0.40 1.45	36.10 0.48 1.54	37.22 0.46 1.81	38.02 0.47 1.88	40.09 0.66 2.05	41.66 0.73 2.19	47.79 0.97 1.92	62.18 1.21 2.50	60.76 1.10 1.57	56.16 0.90 0.86	48.01 0.62 0.19	42.77 0.64 0.79	40.15 0.44 0.00	36.14 0.46 0.00
NARROWS_GT1_1 24228	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NARROWS_GT1_2 24229	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NARROWS_GT1_3 24230	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NARROWS_GT1_4 24231	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NARROWS_GT1_5 24232	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00

NARROWS_GT1_6 24233	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NARROWS_GT1_7 24234	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NARROWS_GT1_8 24235	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NARROWS_GT2_1 24236	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NARROWS_GT2_2 24237	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NARROWS_GT2_3 24238	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NARROWS_GT2_4 24239	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NARROWS_GT2_5 24240	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NARROWS_GT2_6 24241	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NARROWS_GT2_7 24242	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NARROWS_GT2_8 24243	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.04 0.62 0.00	33.10 0.62 0.02	30.99 0.46 0.01	29.63 0.44 0.00	29.42 0.43 0.00	32.87 0.61 0.00	39.04 0.69 0.00	44.24 0.65 0.00	40.66 0.52 0.18	38.00 0.30 0.26	36.35 0.18 0.33	36.95 0.15 0.36	38.30 0.15 0.42	38.87 -0.12 0.43	41.13 0.12 0.47	42.87 0.26 0.50	48.82 0.54 0.44	63.79 0.89 0.57	61.97 1.10 0.36	57.00 1.07 0.20	48.25 0.71 0.04	43.33 0.60 0.18	39.63 -0.08 0.00	36.03 0.36 0.00
NCHELSEA_115KV_TR2 355582	35.66 1.24 0.00	33.52 0.94 -0.07	31.33 0.76 -0.03	29.89 0.70 0.00	29.63 0.64 0.00	33.16 0.90 0.00	39.84 1.50 0.00	45.24 1.66 0.00	42.46 1.57 -0.57	40.52 1.71 -0.85	39.30 1.72 -1.08	40.16 1.86 -1.15	41.92 2.01 -1.35	42.91 2.09 -1.40	45.45 2.45 -1.53	47.33 2.59 -1.63	52.93 2.78 -1.43	68.69 3.36 -1.86	65.45 3.06 -1.17	59.41 2.64 -0.64	49.81 2.09 -0.14	45.31 1.80 -0.59	41.26 1.55 0.00	37.07 1.39 0.00
NEG CAPITAL___MECHNVIL 23645	35.42 1.00 0.00	33.24 0.81 0.08	31.33 0.82 0.04	29.95 0.76 0.00	29.65 0.67 0.00	33.23 0.97 0.00	39.50 1.15 0.00	44.80 1.22 0.00	40.48 0.85 0.68	37.56 0.61 1.01	35.66 0.44 1.28	36.24 0.45 1.36	37.40 0.42 1.59	38.28 0.51 1.65	40.33 0.66 1.81	42.01 0.82 1.93	48.45 1.41 1.69	63.23 1.90 2.15	61.71 1.84 1.35	57.07 1.68 0.74	48.65 1.23 0.16	43.44 1.20 0.68	40.64 0.95 0.02	36.46 0.78 0.00
NEG CENTRAL_HIGH_ACRES 23767	33.49 -0.93 0.00	31.70 -0.81 0.00	30.09 -0.82 -0.37	28.84 -0.61 -0.26	28.50 -0.72 -0.24	31.26 -1.00 0.00	36.85 -1.50 0.00	41.64 -1.70 0.24	38.66 -1.65 0.00	36.25 -1.71 0.00	34.90 -1.61 0.00	35.71 -1.45 0.00	36.48 -1.62 0.47	37.96 -1.46 0.00	39.45 -1.70 0.33	40.83 -1.81 0.48	45.72 -2.19 0.81	59.13 -2.73 1.61	59.09 -2.08 0.05	54.61 -1.51 0.00	46.34 -1.24 0.00	41.58 -1.33 0.00	38.64 -1.07 0.00	34.82 -0.86 0.00

NEG CENTRAL___DRP 24199	34.78 0.31 -0.05	32.93 0.36 -0.07	31.68 0.43 -0.72	30.28 0.44 -0.65	29.95 0.41 -0.55	32.92 0.32 -0.34	39.19 0.35 -0.49	44.22 0.31 -0.33	40.61 0.20 -0.09	38.00 0.04 0.00	36.50 0.00 0.00	37.32 -0.07 -0.24	38.64 -0.08 -0.15	39.61 0.08 -0.11	41.41 -0.12 -0.05	43.04 -0.09 -0.01	48.84 -0.19 -0.31	63.73 0.25 0.00	61.97 0.73 -0.01	57.64 0.95 -0.56	49.13 0.90 -0.65	43.84 0.56 -0.36	40.35 0.64 0.00	36.03 0.36 0.00
NEG CENTRAL___INDECK 23768	35.00 0.58 0.00	33.22 0.71 0.00	31.50 0.58 -0.39	30.28 0.82 -0.27	29.88 0.64 -0.25	32.75 0.48 0.00	38.46 0.12 0.00	43.44 0.04 0.19	40.07 -0.24 0.00	37.20 -0.76 0.00	35.70 -0.80 0.00	36.45 -0.71 0.00	37.47 -0.73 0.36	38.95 -0.47 0.00	40.52 -0.71 0.25	42.11 -0.65 0.37	47.36 -0.73 0.64	61.79 -0.44 1.24	62.04 0.86 0.04	57.58 1.46 0.00	48.91 1.33 0.00	43.73 0.81 0.00	40.66 0.95 0.00	36.67 1.00 0.00
NEG CENTRAL___SENECA 23627	35.07 0.65 0.00	33.22 0.72 0.00	31.96 0.79 -0.63	30.40 0.76 -0.45	30.15 0.75 -0.41	32.91 0.65 0.00	39.08 0.73 0.00	44.22 0.70 0.06	40.88 0.56 0.00	38.26 0.30 0.00	36.79 0.29 0.00	37.30 0.15 0.00	38.60 0.15 0.12	39.77 0.35 0.00	41.52 0.12 0.08	43.17 0.17 0.12	48.66 0.15 0.22	63.84 0.76 0.40	62.62 1.41 0.01	57.76 1.63 0.00	49.15 1.57 0.00	43.95 1.03 0.00	40.82 1.11 0.00	36.39 0.71 0.00
NEG CENTRAL___STATE_STREET 24147	34.47 0.00 -0.05	32.64 0.07 -0.07	31.41 0.12 -0.75	29.99 0.12 -0.68	29.65 0.09 -0.58	32.61 0.00 -0.35	38.86 0.00 -0.51	43.88 -0.04 -0.34	40.33 -0.08 -0.10	37.73 -0.23 0.00	36.32 -0.18 0.00	37.14 -0.26 -0.24	38.49 -0.23 -0.16	39.38 -0.16 -0.12	41.24 -0.29 -0.06	42.82 -0.30 -0.01	48.66 -0.39 -0.32	63.34 -0.13 0.00	61.42 0.18 -0.01	57.05 0.34 -0.58	48.68 0.43 -0.68	43.47 0.17 -0.38	39.95 0.24 0.00	35.71 0.04 0.00
NEG MILLWOOD___DRP 24198	35.80 1.38 0.00	33.72 1.14 -0.07	31.49 0.92 -0.03	30.01 0.82 0.00	29.71 0.72 0.00	33.29 1.03 0.00	40.11 1.76 0.00	45.63 2.05 0.00	42.93 2.02 -0.61	40.98 2.13 -0.90	39.79 2.15 -1.14	40.67 2.30 -1.21	42.41 2.43 -1.42	43.45 2.56 -1.47	45.95 2.86 -1.61	47.81 2.98 -1.72	53.35 3.12 -1.50	69.30 3.87 -1.96	65.82 3.37 -1.23	59.72 2.92 -0.68	50.01 2.28 -0.15	45.55 2.02 -0.62	41.50 1.79 0.00	37.25 1.57 0.00
NEG NORTH_FLCN_SEA 23793	36.10 1.48 -0.20	34.31 1.53 -0.28	31.97 1.44 0.00	31.18 1.43 -0.56	30.81 1.48 -0.34	35.33 1.71 -1.36	42.43 2.11 -1.98	47.34 2.44 -1.31	43.11 2.42 -0.38	40.16 2.20 0.00	38.58 2.08 0.00	39.92 1.82 -0.94	40.86 1.70 -0.60	41.40 1.54 -0.45	42.98 1.29 -0.21	44.26 1.12 -0.03	51.28 1.36 -1.19	65.38 1.90 0.00	63.47 2.20 -0.04	60.26 1.96 -2.17	51.72 1.62 -2.52	45.96 1.63 -1.41	41.38 1.67 0.00	37.46 1.78 0.00
NEG NORTH_KES_CHATEGAY 23792	35.74 0.93 -0.39	33.99 0.94 -0.54	31.42 0.89 0.00	31.19 0.90 -1.09	30.61 0.96 -0.66	36.01 1.10 -2.65	43.57 1.38 -3.84	47.75 1.61 -2.55	42.62 1.57 -0.73	39.36 1.40 0.00	37.81 1.31 0.00	40.10 1.11 -1.83	40.78 1.04 -1.17	41.23 0.95 -0.87	42.60 0.71 -0.42	43.73 0.56 -0.05	51.87 0.83 -2.32	64.61 1.14 0.00	62.71 1.41 -0.08	61.59 1.23 -4.23	53.49 1.00 -4.91	46.69 1.03 -2.75	40.78 1.07 0.00	36.82 1.14 0.00
NEG NORTH___ALICE_FALLS 23915	36.13 1.48 -0.24	34.36 1.53 -0.32	31.97 1.44 0.00	31.28 1.43 -0.66	30.86 1.48 -0.40	35.57 1.71 -1.60	42.77 2.11 -2.31	47.56 2.44 -1.54	43.17 2.42 -0.44	40.12 2.16 0.00	38.58 2.08 0.00	40.04 1.78 -1.10	40.93 1.66 -0.71	41.48 1.54 -0.52	43.06 1.33 -0.25	44.31 1.16 -0.03	51.58 1.46 -1.39	65.57 2.09 0.00	63.66 2.39 -0.05	60.75 2.08 -2.54	52.24 1.71 -2.95	46.28 1.72 -1.65	41.42 1.71 0.00	37.50 1.82 0.00
NEG NORTH___LWR_SARANAC 23913	36.13 1.48 -0.24	34.36 1.53 -0.32	31.97 1.44 0.00	31.28 1.43 -0.66	30.86 1.48 -0.40	35.57 1.71 -1.60	42.77 2.11 -2.31	47.56 2.44 -1.54	43.17 2.42 -0.44	40.12 2.16 0.00	38.58 2.08 0.00	40.04 1.78 -1.10	40.93 1.66 -0.71	41.48 1.54 -0.52	43.06 1.33 -0.25	44.31 1.16 -0.03	51.58 1.46 -1.39	65.57 2.09 0.00	63.66 2.39 -0.05	60.75 2.08 -2.54	52.24 1.71 -2.95	46.28 1.72 -1.65	41.42 1.71 0.00	37.50 1.82 0.00
NEG NORTH___PLATTSBURG 23628	36.13 1.48 -0.24	34.36 1.53 -0.32	31.94 1.41 0.00	31.28 1.43 -0.66	30.84 1.45 -0.40	35.56 1.71 -1.60	42.77 2.11 -2.31	47.56 2.44 -1.54	43.13 2.38 -0.44	40.08 2.12 0.00	38.54 2.04 0.00	40.04 1.78 -1.10	40.93 1.66 -0.71	41.48 1.54 -0.52	43.06 1.33 -0.25	44.31 1.16 -0.03	51.58 1.46 -1.39	65.56 2.09 0.00	63.66 2.39 -0.05	60.75 2.08 -2.54	52.24 1.71 -2.95	46.29 1.72 -1.65	41.42 1.71 0.00	37.49 1.82 0.00
NEG WEST_LEA_LOCKPORT 23791	33.35 -1.07 0.00	31.99 -0.52 0.00	30.57 -0.31 -0.34	29.14 -0.29 -0.24	28.97 -0.23 -0.22	31.26 -1.00 0.00	36.58 -1.76 0.00	40.52 -2.83 0.23	37.89 -2.42 0.00	35.72 -2.24 0.00	34.35 -2.15 0.00	34.70 -2.45 0.00	35.65 -2.47 0.45	37.13 -2.29 0.00	38.68 -2.49 0.31	39.73 -2.93 0.46	44.25 -3.70 0.77	57.11 -4.82 1.54	57.38 -3.80 0.05	52.93 -3.20 0.00	45.67 -1.90 0.00	40.86 -2.06 0.00	38.40 -1.31 0.00	34.93 -0.75 0.00
NEG WEST___LANCASTER 23811	33.08 -1.34 0.00	31.60 -0.91 0.00	30.15 -0.73 -0.35	28.77 -0.67 -0.25	28.52 -0.70 -0.23	30.97 -1.29 0.00	36.55 -1.80 0.00	40.54 -2.83 0.21	37.81 -2.50 0.00	35.57 -2.39 0.00	34.24 -2.26 0.00	34.78 -2.38 0.00	35.88 -2.28 0.41	37.33 -2.09 0.00	38.92 -2.28 0.28	39.99 -2.72 0.41	44.72 -3.31 0.69	57.96 -4.13 1.39	57.87 -3.31 0.05	53.27 -2.86 0.00	45.82 -1.76 0.00	40.94 -1.97 0.00	38.28 -1.43 0.00	34.46 -1.21 0.00
NEG_PENN_ALLEGHNY 23528	34.45 0.03 0.00	32.61 0.10 0.00	31.08 0.12 -0.42	29.67 0.18 -0.30	29.38 0.12 -0.27	32.26 0.00 0.00	38.23 -0.11 0.00	43.36 -0.17 0.06	40.11 -0.20 0.00	37.65 -0.30 0.00	36.28 -0.22 0.00	36.97 -0.18 0.00	38.38 -0.08 0.11	39.42 0.00 0.00	41.36 -0.04 0.07	42.97 -0.04 0.11	48.39 -0.15 0.19	63.04 -0.06 0.37	61.40 0.18 0.01	56.47 0.34 0.00	48.05 0.48 0.00	43.17 0.26 0.00	39.99 0.28 0.00	35.93 0.25 0.00
NEG___GEN_MONROE 24207	34.32 -0.10 0.00	32.67 0.16 0.00	31.08 0.21 -0.33	29.60 0.18 -0.24	29.44 0.23 -0.22	32.13 -0.13 0.00	37.77 -0.58 0.00	42.41 -0.92 0.26	39.43 -0.89 0.00	37.12 -0.84 0.00	35.62 -0.88 0.00	36.15 -1.00 0.00	36.94 -1.12 0.50	38.47 -0.95 0.00	39.97 -1.16 0.35	41.23 -1.38 0.51	46.16 -1.71 0.87	59.85 -1.90 1.72	60.01 -1.16 0.06	55.40 -0.73 0.00	47.24 -0.33 0.00	42.36 -0.56 0.00	39.55 -0.16 0.00	35.50 -0.18 0.00
NEPA___ENERGY 23901	33.59 -0.83 0.00	32.09 -0.42 0.00	30.64 -0.24 -0.35	29.24 -0.20 -0.25	28.95 -0.26 -0.23	31.49 -0.77 0.00	37.16 -1.19 0.00	41.37 -2.00 0.21	38.58 -1.73 0.00	36.29 -1.67 0.00	34.93 -1.57 0.00	35.52 -1.63 0.00	36.70 -1.47 0.40	38.16 -1.26 0.00	39.79 -1.41 0.28	40.94 -1.77 0.41	45.80 -2.24 0.69	59.43 -2.67 1.38	59.28 -1.90 0.05	54.50 -1.63 0.00	46.86 -0.71 0.00	41.84 -1.07 0.00	39.11 -0.60 0.00	35.00 -0.68 0.00

NEVERSINK___HYD 23608	35.52 1.10 0.00	33.44 0.88 -0.05	31.32 0.76 -0.02	29.83 0.64 0.00	29.57 0.58 0.00	33.10 0.84 0.00	39.77 1.42 0.00	45.07 1.48 0.00	42.25 1.53 -0.41	40.19 1.63 -0.60	38.87 1.60 -0.76	39.60 1.63 -0.81	41.33 1.81 -0.95	42.30 1.89 -0.99	44.80 2.24 -1.08	46.68 2.41 -1.15	52.46 2.73 -1.01	68.27 3.55 -1.25	65.38 3.37 -0.78	59.53 2.97 -0.43	50.10 2.43 -0.10	45.41 2.10 -0.40	41.46 1.75 -0.01	37.14 1.46 0.00
NEWKRMKL_115KV_TB1 55635	34.42 0.00 0.00	32.32 -0.13 0.06	30.39 -0.12 0.02	29.08 -0.12 0.00	28.90 -0.09 0.00	32.29 0.03 0.00	38.27 -0.08 0.00	43.63 0.04 0.00	39.85 0.00 0.46	37.20 -0.08 0.68	35.56 -0.07 0.87	36.16 -0.07 0.92	37.37 -0.12 1.08	38.10 -0.20 1.12	40.21 -0.04 1.23	41.81 0.00 1.31	47.63 0.05 1.15	61.92 -0.06 1.49	60.04 -0.24 0.94	55.33 -0.28 0.52	47.08 -0.38 0.11	42.19 -0.26 0.47	39.31 -0.40 0.00	35.53 -0.14 0.00
NEWTON___FALLS_HYD 23847	36.87 0.65 -1.79	35.58 0.62 -2.45	31.27 0.49 -0.25	34.85 0.50 -5.16	32.73 0.55 -3.19	45.08 0.68 -12.14	56.91 0.96 -17.60	56.46 1.18 -11.70	44.59 0.93 -3.35	38.57 0.61 0.00	37.05 0.55 0.00	46.04 0.48 -8.40	44.48 0.54 -5.38	43.83 0.43 -3.98	43.72 0.33 -1.91	43.74 0.39 -0.23	59.93 0.58 -10.61	64.36 0.89 0.00	62.82 1.22 -0.37	76.78 1.29 -19.36	71.21 1.14 -22.49	56.62 1.12 -12.59	40.66 0.95 0.00	36.43 0.75 0.00
NGRID_A1_DSASP 323792	33.25 -1.17 0.00	31.24 -1.27 0.00	29.50 -1.37 -0.33	29.02 -0.41 -0.24	28.54 -0.67 -0.22	30.42 -1.84 0.00	35.55 -2.80 0.00	39.30 -4.05 0.23	36.76 -3.55 0.00	34.20 -3.76 0.00	33.07 -3.43 0.00	34.03 -3.12 0.00	34.92 -3.20 0.45	36.46 -2.96 0.00	38.02 -3.15 0.31	39.00 -3.67 0.45	43.43 -4.53 0.77	55.28 -6.66 1.53	55.85 -5.33 0.05	51.81 -4.32 0.00	44.53 -3.05 0.00	39.91 -3.01 0.00	37.37 -2.34 0.00	34.50 -1.18 0.00
NGRID_A2_DSASP 323793	33.25 -1.17 0.00	31.24 -1.27 0.00	29.50 -1.37 -0.33	29.02 -0.41 -0.24	28.54 -0.67 -0.22	30.42 -1.84 0.00	35.55 -2.80 0.00	39.30 -4.05 0.23	36.76 -3.55 0.00	34.20 -3.76 0.00	33.07 -3.43 0.00	34.03 -3.12 0.00	34.92 -3.20 0.45	36.46 -2.96 0.00	38.02 -3.15 0.31	39.00 -3.67 0.45	43.43 -4.53 0.77	55.28 -6.66 1.53	55.85 -5.33 0.05	51.81 -4.32 0.00	44.53 -3.05 0.00	39.91 -3.01 0.00	37.37 -2.34 0.00	34.50 -1.18 0.00
NGRID_A4_DSASP 323807	33.25 -1.17 0.00	31.24 -1.27 0.00	29.50 -1.37 -0.33	29.02 -0.41 -0.24	28.54 -0.67 -0.22	30.42 -1.84 0.00	35.55 -2.80 0.00	39.30 -4.05 0.23	36.76 -3.55 0.00	34.20 -3.76 0.00	33.07 -3.43 0.00	34.03 -3.12 0.00	34.92 -3.20 0.45	36.46 -2.96 0.00	38.02 -3.15 0.31	39.00 -3.67 0.45	43.43 -4.53 0.77	55.28 -6.66 1.53	55.85 -5.33 0.05	51.81 -4.32 0.00	44.53 -3.05 0.00	39.91 -3.01 0.00	37.37 -2.34 0.00	34.50 -1.18 0.00
NIAGARA_115E_LBMP 323715	32.73 -1.69 0.00	31.82 -0.68 0.00	30.05 -0.82 -0.34	28.65 -0.79 -0.24	28.13 -1.07 -0.22	31.04 -1.23 0.00	35.40 -2.95 0.00	39.39 -3.97 0.23	36.85 -3.47 0.00	34.28 -3.68 0.00	33.11 -3.39 0.00	34.11 -3.05 0.00	34.96 -3.16 0.45	36.50 -2.92 0.00	38.06 -3.11 0.31	39.09 -3.58 0.45	43.53 -4.43 0.77	55.47 -6.47 1.53	56.03 -5.14 0.05	51.97 -4.15 0.00	44.63 -2.95 0.00	40.04 -2.87 0.00	37.45 -2.26 0.00	35.18 -0.50 0.00
NIAGARA_115W_LBMP 323714	33.21 -1.21 0.00	31.14 -1.36 0.00	29.44 -1.43 -0.33	28.99 -0.44 -0.24	28.51 -0.70 -0.22	30.36 -1.90 0.00	35.47 -2.88 0.00	39.17 -4.18 0.23	36.64 -3.67 0.00	34.13 -3.83 0.00	33.00 -3.50 0.00	33.96 -3.20 0.00	34.80 -3.32 0.45	36.39 -3.03 0.00	37.89 -3.28 0.31	38.91 -3.75 0.45	43.28 -4.68 0.77	55.08 -6.86 1.53	55.67 -5.51 0.05	51.69 -4.44 0.00	44.39 -3.19 0.00	39.82 -3.09 0.00	37.25 -2.46 0.00	34.39 -1.28 0.00
NIAGARA_230_LBMP 323716	33.11 -1.31 0.00	31.56 -0.94 0.00	29.83 -1.04 -0.33	28.85 -0.58 -0.24	28.36 -0.84 -0.22	30.78 -1.48 0.00	35.78 -2.57 0.00	39.78 -3.57 0.23	37.21 -3.10 0.00	34.66 -3.30 0.00	33.47 -3.03 0.00	34.48 -2.68 0.00	35.34 -2.78 0.45	36.90 -2.52 0.00	38.47 -2.70 0.31	39.51 -3.15 0.46	44.01 -3.95 0.78	56.21 -5.71 1.55	56.65 -4.53 0.05	52.53 -3.59 0.00	45.10 -2.48 0.00	40.43 -2.49 0.00	37.81 -1.91 0.00	34.89 -0.79 0.00
NIAGARA___115KV_198_GIBSON 55903	33.32 -1.10 0.00	32.02 -0.49 0.00	30.60 -0.27 -0.33	29.11 -0.32 -0.24	28.94 -0.26 -0.22	31.23 -1.03 0.00	35.74 -2.61 0.00	39.61 -3.75 0.23	37.09 -3.22 0.00	35.00 -2.96 0.00	33.69 -2.81 0.00	34.03 -3.12 0.00	34.95 -3.16 0.45	36.42 -3.00 0.00	37.93 -3.24 0.31	38.91 -3.75 0.45	43.28 -4.68 0.77	55.85 -6.09 1.53	55.97 -5.20 0.05	51.69 -4.43 0.00	44.63 -2.95 0.00	40.00 -2.92 0.00	37.61 -2.10 0.00	33.93 -1.75 0.00
NIAGARA____ 23760	33.11 -1.31 0.00	31.56 -0.94 0.00	29.84 -1.04 -0.34	28.85 -0.58 -0.24	28.37 -0.84 -0.22	30.78 -1.48 0.00	35.78 -2.57 0.00	39.78 -3.57 0.23	37.21 -3.10 0.00	34.66 -3.30 0.00	33.47 -3.03 0.00	34.48 -2.68 0.00	35.34 -2.78 0.45	36.90 -2.52 0.00	38.47 -2.70 0.31	39.52 -3.15 0.45	44.01 -3.95 0.77	56.22 -5.71 1.54	56.65 -4.53 0.05	52.53 -3.59 0.00	45.10 -2.48 0.00	40.43 -2.49 0.00	37.81 -1.91 0.00	34.89 -0.79 0.00
NINE_MILE_1 23575	33.45 -0.96 0.00	31.63 -0.88 0.00	25.28 -0.82 4.44	25.28 -0.76 3.15	25.32 -0.78 2.89	31.32 -0.94 0.00	37.20 -1.15 0.00	38.82 -1.31 3.46	39.06 -1.25 0.00	36.74 -1.22 0.00	35.33 -1.17 0.00	36.00 -1.15 0.00	30.62 -1.24 6.71	38.20 -1.22 0.00	35.51 -1.33 4.65	35.00 -1.34 6.78	35.55 -1.61 11.57	38.32 -2.03 23.12	58.63 -1.84 0.76	54.56 -1.57 0.00	46.30 -1.28 0.00	41.71 -1.20 0.00	38.64 -1.07 0.00	34.71 -0.96 0.00
NINE_MILE_2 23744	33.45 -0.96 0.00	31.63 -0.88 0.00	25.20 -0.82 4.51	25.23 -0.76 3.21	25.27 -0.78 2.94	31.32 -0.94 0.00	37.20 -1.15 0.00	38.77 -1.31 3.51	39.06 -1.25 0.00	36.74 -1.22 0.00	35.33 -1.17 0.00	36.00 -1.15 0.00	30.52 -1.24 6.81	38.20 -1.22 0.00	35.44 -1.33 4.71	34.90 -1.34 6.88	35.38 -1.61 11.74	37.98 -2.03 23.46	58.62 -1.84 0.77	54.56 -1.57 0.00	46.30 -1.28 0.00	41.71 -1.20 0.00	38.64 -1.07 0.00	34.71 -0.96 0.00
NM_CAPITAL___DRP 24208	34.49 0.07 0.00	32.35 -0.10 0.06	30.45 -0.06 0.03	29.13 -0.06 0.00	28.96 -0.03 0.00	32.33 0.06 0.00	38.35 0.00 0.00	43.71 0.13 0.00	39.88 0.08 0.51	37.24 0.04 0.76	35.57 0.04 0.96	36.21 0.07 1.03	37.40 0.04 1.20	38.09 -0.08 1.25	40.20 0.08 1.36	41.79 0.13 1.45	47.65 0.19 1.27	61.88 0.06 1.66	60.12 -0.06 1.04	55.39 -0.17 0.57	47.21 -0.24 0.13	42.22 -0.17 0.52	39.43 -0.28 0.00	35.61 -0.07 0.00
NM_CENTRAL___DRP 24181	34.22 -0.28 -0.08	32.39 -0.23 -0.11	30.95 -0.18 -0.59	29.66 -0.18 -0.64	29.33 -0.17 -0.52	32.48 -0.32 -0.54	38.64 -0.50 -0.79	43.44 -0.57 -0.43	39.90 -0.56 -0.15	37.39 -0.57 0.00	35.99 -0.51 0.00	36.97 -0.56 -0.37	38.02 -0.58 -0.04	39.08 -0.51 -0.18	40.76 -0.66 0.06	42.28 -0.65 0.20	47.94 -0.88 -0.08	61.82 -1.02 0.63	60.43 -0.80 0.00	56.41 -0.56 -0.84	48.13 -0.43 -0.98	42.99 -0.47 -0.55	39.35 -0.36 0.00	35.25 -0.43 0.00

NM_FRONTIER___DRP 24179	33.32 -1.10 0.00	32.02 -0.49 0.00	30.60 -0.27 -0.33	29.11 -0.32 -0.24	28.94 -0.26 -0.22	31.23 -1.03 0.00	35.74 -2.61 0.00	39.61 -3.75 0.23	37.09 -3.22 0.00	35.00 -2.96 0.00	33.69 -2.81 0.00	34.03 -3.12 0.00	34.95 -3.16 0.45	36.42 -3.00 0.00	37.93 -3.24 0.31	38.91 -3.75 0.45	43.28 -4.68 0.77	55.85 -6.09 1.53	55.97 -5.20 0.05	51.69 -4.43 0.00	44.63 -2.95 0.00	40.00 -2.92 0.00	37.61 -2.10 0.00	33.93 -1.75 0.00
NM_ST_REGIS___HYD 24053	37.65 0.93 -2.30	36.56 0.91 -3.14	31.48 0.82 -0.12	36.49 0.82 -6.48	33.82 0.87 -3.97	48.81 1.00 -15.55	62.21 1.30 -22.56	60.05 1.48 -14.99	46.02 1.41 -4.29	39.17 1.21 0.00	37.67 1.17 0.00	48.96 1.04 -10.76	46.46 1.00 -6.89	45.47 0.95 -5.10	44.72 0.79 -2.45	44.19 0.78 -0.30	63.46 1.12 -13.61	65.06 1.59 0.00	63.41 1.71 -0.47	82.53 1.57 -24.83	77.75 1.33 -28.84	60.30 1.24 -16.14	40.86 1.15 0.00	36.75 1.07 0.00
NORTHPORT___1 23551	36.00 1.58 0.00	33.59 1.01 -0.07	31.30 0.73 -0.03	29.66 0.47 0.00	29.39 0.41 0.00	33.03 0.77 0.00	39.84 1.49 0.00	44.72 1.13 0.00	42.71 1.77 -0.62	41.12 2.24 -0.92	40.12 2.45 -1.17	40.93 2.53 -1.25	42.53 2.51 -1.46	43.42 2.48 -1.52	44.83 1.70 -1.65	47.16 2.28 -1.76	52.56 2.29 -1.54	67.87 2.47 -1.92	64.45 2.02 -1.21	58.70 1.91 -0.67	48.48 0.76 -0.14	44.77 1.25 -0.61	42.03 2.30 -0.02	37.57 1.89 0.00
NORTHPORT___2 23552	36.00 1.58 0.00	33.59 1.01 -0.07	31.30 0.73 -0.03	29.66 0.47 0.00	29.39 0.41 0.00	33.03 0.77 0.00	39.84 1.49 0.00	44.72 1.13 0.00	42.71 1.77 -0.62	41.12 2.24 -0.92	40.12 2.45 -1.17	40.93 2.53 -1.25	42.53 2.51 -1.46	43.42 2.48 -1.52	44.83 1.70 -1.65	47.16 2.28 -1.76	52.56 2.29 -1.54	67.87 2.47 -1.92	64.45 2.02 -1.21	58.70 1.91 -0.67	48.48 0.76 -0.14	44.77 1.25 -0.61	42.03 2.30 -0.02	37.57 1.89 0.00
NORTHPORT___3 23553	35.52 1.10 0.00	33.17 0.59 -0.07	30.91 0.34 -0.03	29.31 0.12 0.00	29.02 0.03 0.00	32.65 0.39 0.00	39.34 1.00 0.00	44.06 0.48 0.00	42.19 1.25 -0.62	40.63 1.75 -0.92	39.64 1.97 -1.17	40.44 2.04 -1.25	41.95 1.93 -1.46	42.75 1.81 -1.52	44.37 1.24 -1.64	46.68 1.81 -1.75	52.01 1.75 -1.54	67.23 1.84 -1.92	63.72 1.29 -1.20	58.02 1.23 -0.66	47.95 0.24 -0.13	44.03 0.52 -0.60	41.52 1.79 -0.02	37.07 1.39 0.00
NORTHPORT___4 23650	35.52 1.10 0.00	33.17 0.59 -0.07	30.91 0.34 -0.03	29.31 0.12 0.00	29.02 0.03 0.00	32.65 0.39 0.00	39.34 1.00 0.00	44.06 0.48 0.00	42.19 1.25 -0.62	40.63 1.75 -0.92	39.64 1.97 -1.17	40.44 2.04 -1.25	41.95 1.93 -1.46	42.75 1.81 -1.52	44.37 1.24 -1.64	46.68 1.81 -1.75	52.01 1.75 -1.54	67.23 1.84 -1.92	63.72 1.29 -1.20	58.02 1.23 -0.66	47.95 0.24 -0.13	44.03 0.52 -0.60	41.52 1.79 -0.02	37.07 1.39 0.00
NORTHPORT___IC 23718	36.04 1.62 0.00	33.62 1.04 -0.07	31.21 0.64 -0.03	29.66 0.47 0.00	29.39 0.41 0.00	33.00 0.74 0.00	39.81 1.46 0.00	45.20 1.61 0.00	42.71 1.77 -0.62	41.05 2.16 -0.92	40.08 2.41 -1.17	40.89 2.49 -1.25	42.41 2.39 -1.46	43.30 2.37 -1.52	45.58 2.45 -1.65	47.25 2.37 -1.76	52.56 2.29 -1.54	67.83 2.35 -2.01	64.45 1.96 -1.27	58.73 1.91 -0.70	48.44 0.71 -0.15	44.58 1.03 -0.64	41.74 2.03 0.00	37.64 1.96 0.00
NORTH___COUNTRY_ESR 323785	35.68 0.86 -0.40	33.93 0.88 -0.54	31.36 0.82 0.00	31.11 0.82 -1.10	30.53 0.87 -0.67	35.97 1.03 -2.68	43.50 1.26 -3.88	47.65 1.48 -2.58	42.54 1.49 -0.74	39.29 1.33 0.00	37.78 1.28 0.00	40.09 1.08 -1.85	40.75 1.00 -1.19	41.21 0.91 -0.88	42.61 0.70 -0.42	43.69 0.52 -0.05	51.80 0.73 -2.34	64.48 1.01 0.00	62.53 1.22 -0.08	61.46 1.06 -4.27	53.44 0.90 -4.96	46.63 0.94 -2.78	40.66 0.95 0.00	36.75 1.07 0.00
NPX_GEN_1385_PROXY 323591	36.00 1.58 0.00	33.59 1.01 -0.07	31.30 0.73 -0.03	29.66 0.47 0.00	29.39 0.41 0.00	33.03 0.77 0.00	39.84 1.49 0.00	44.72 1.13 0.00	42.71 1.77 -0.62	41.12 2.24 -0.92	40.12 2.45 -1.17	40.93 2.53 -1.25	42.53 2.51 -1.46	43.42 2.48 -1.52	44.83 1.70 -1.65	47.16 2.28 -1.76	52.56 2.29 -1.54	67.87 2.47 -1.92	64.45 2.02 -1.21	58.70 1.91 -0.67	48.48 0.76 -0.14	47.16 1.25 -3.00	39.96 2.30 2.05	37.24 1.89 0.32
NPX_GEN_CSC 323557	35.66 1.24 0.00	33.12 0.62 0.00	30.87 0.34 0.00	29.25 0.06 0.00	28.99 0.00 0.00	32.62 0.36 0.00	39.42 1.07 0.00	44.28 0.70 0.00	41.68 1.37 0.00	39.82 1.86 0.00	38.62 2.12 0.00	39.24 2.08 0.00	40.76 2.20 0.00	41.63 2.21 0.00	43.09 1.62 0.00	45.40 2.28 0.00	51.06 2.34 0.00	66.01 2.54 0.00	63.43 2.20 0.00	58.38 2.25 0.00	48.47 0.90 0.01	46.50 1.20 -2.39	39.61 1.95 2.05	36.92 1.57 0.32
NSINS_S_GLNS_FALLS 23858	35.35 0.93 0.00	33.12 0.68 0.08	31.21 0.70 0.03	29.89 0.70 0.00	29.60 0.61 0.00	33.23 0.97 0.00	39.35 1.00 0.00	44.59 1.00 0.00	40.00 0.32 0.63	36.94 -0.08 0.94	35.05 -0.26 1.19	35.66 -0.22 1.27	36.73 -0.35 1.49	37.64 -0.24 1.54	39.67 -0.12 1.69	41.45 0.13 1.80	48.13 0.97 1.58	62.75 1.33 2.05	61.40 1.47 1.29	56.82 1.40 0.71	48.32 0.90 0.16	43.21 0.94 0.65	40.39 0.68 0.00	36.18 0.50 0.00
NUCOR_STEEL___DRP 24197	34.54 0.07 -0.05	32.68 0.10 -0.07	31.46 0.15 -0.77	30.03 0.15 -0.69	29.69 0.12 -0.59	32.65 0.03 -0.36	38.87 0.00 -0.52	43.93 0.00 -0.35	40.33 -0.08 -0.10	37.77 -0.19 0.00	36.35 -0.15 0.00	37.18 -0.22 -0.25	38.49 -0.23 -0.16	39.42 -0.12 -0.12	41.25 -0.29 -0.06	42.87 -0.26 -0.01	48.66 -0.39 -0.32	63.28 -0.19 0.00	61.30 0.06 -0.01	57.00 0.28 -0.59	48.60 0.33 -0.69	43.47 0.17 -0.38	39.95 0.24 0.00	35.71 0.04 0.00
NUMBER_THREE_WT_PWR 323818	35.65 0.45 -0.78	33.97 0.39 -1.07	31.08 0.24 -0.30	31.84 0.26 -2.38	30.85 0.35 -1.52	37.96 0.42 -5.28	46.74 0.73 -7.66	49.59 0.92 -5.09	42.38 0.61 -1.46	38.15 0.19 0.00	36.65 0.15 0.00	40.96 0.15 -3.66	41.18 0.27 -2.34	41.31 0.16 -1.73	42.39 0.08 -0.83	43.39 0.17 -0.10	53.63 0.29 -4.61	64.04 0.57 0.00	62.36 0.98 -0.16	65.71 1.18 -8.40	58.44 1.10 -9.76	49.37 0.99 -5.46	40.50 0.79 0.00	36.25 0.57 0.00
NYISO_LBMP_REFERENCE 24008	34.42 0.00 0.00	32.51 0.00 0.00	30.54 0.00 0.00	29.19 0.00 0.00	28.99 0.00 0.00	32.26 0.00 0.00	38.35 0.00 0.00	43.58 0.00 0.00	40.31 0.00 0.00	37.96 0.00 0.00	36.50 0.00 0.00	37.16 0.00 0.00	38.56 0.00 0.00	39.42 0.00 0.00	41.48 0.00 0.00	43.12 0.00 0.00	48.73 0.00 0.00	63.47 0.00 0.00	61.23 0.00 0.00	56.13 0.00 0.00	47.58 0.00 0.00	42.92 0.00 0.00	39.71 0.00 0.00	35.68 0.00 0.00
NYPA_BRENTWD____GT 24164	36.31 1.89 0.00	33.85 1.27 -0.07	31.52 0.95 -0.03	29.87 0.67 0.00	29.60 0.61 0.00	33.29 1.03 0.00	40.15 1.80 0.00	45.11 1.52 0.00	43.07 2.14 -0.62	41.43 2.54 -0.92	40.45 2.77 -1.17	41.23 2.82 -1.25	42.92 2.89 -1.46	43.89 2.96 -1.52	45.54 2.40 -1.65	47.94 3.06 -1.76	53.49 3.22 -1.54	69.08 3.68 -1.92	65.62 3.18 -1.21	59.82 3.03 -0.67	49.38 1.66 -0.14	45.41 1.89 -0.61	42.43 2.70 -0.02	37.93 2.25 0.00

NYPA_GOWANUS____GT5 24156	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NYPA_GOWANUS____GT6 24157	36.14 1.72 0.00	33.88 1.30 -0.07	31.64 1.07 -0.03	30.04 0.85 0.00	29.77 0.78 0.00	33.32 1.06 0.00	40.19 1.84 0.00	45.68 2.09 0.00	43.27 2.34 -0.62	41.58 2.70 -0.93	40.42 2.74 -1.18	41.35 2.93 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.72 3.57 -1.67	48.61 3.71 -1.78	54.14 3.85 -1.56	70.04 4.63 -1.93	66.42 3.98 -1.22	60.05 3.25 -0.67	50.40 2.66 -0.16	45.89 2.36 -0.62	42.19 2.46 -0.02	37.64 1.96 0.00
NYPA_HARLEM__RVR__GT1 24160	36.07 1.65 0.00	33.75 1.17 -0.07	31.52 0.95 -0.03	29.89 0.70 0.00	29.60 0.61 0.00	33.07 0.81 0.00	39.81 1.46 0.00	45.19 1.61 0.01	42.78 1.86 -0.62	41.15 2.28 -0.92	40.00 2.34 -1.16	40.92 2.53 -1.24	42.64 2.62 -1.45	43.65 2.72 -1.51	46.21 3.07 -1.66	48.17 3.28 -1.77	53.54 3.27 -1.55	69.26 3.87 -1.92	65.61 3.18 -1.20	59.25 2.47 -0.66	49.76 2.04 -0.14	45.36 1.84 -0.60	42.20 2.46 -0.02	37.65 1.96 -0.01
NYPA_HARLEM__RVR__GT2 24161	36.07 1.65 0.00	33.75 1.17 -0.07	31.52 0.95 -0.03	29.89 0.70 0.00	29.60 0.61 0.00	33.07 0.81 0.00	39.81 1.46 0.00	45.19 1.61 0.01	42.78 1.86 -0.62	41.15 2.28 -0.92	40.00 2.34 -1.16	40.92 2.53 -1.24	42.64 2.62 -1.45	43.65 2.72 -1.51	46.21 3.07 -1.66	48.17 3.28 -1.77	53.54 3.27 -1.55	69.26 3.87 -1.92	65.61 3.18 -1.20	59.25 2.47 -0.66	49.76 2.04 -0.14	45.36 1.84 -0.60	42.20 2.46 -0.02	37.65 1.96 -0.01
NYPA_KENT____GT 24152	36.07 1.65 0.00	33.82 1.24 -0.04	31.61 1.04 -0.03	30.01 0.82 0.00	29.74 0.75 0.00	33.29 1.03 0.00	40.15 1.80 0.00	45.59 2.01 0.00	43.19 2.26 -0.62	41.50 2.62 -0.93	40.34 2.66 -1.18	41.27 2.86 -1.25	43.00 2.97 -1.46	44.02 3.08 -1.52	46.59 3.44 -1.67	48.47 3.58 -1.78	53.99 3.70 -1.56	69.84 4.44 -1.93	66.24 3.80 -1.21	59.82 3.03 -0.67	50.25 2.52 -0.15	45.76 2.23 -0.61	42.11 2.38 -0.02	37.53 1.85 0.00
NYPA_POUCH1____GT 24155	26.09 1.72 10.05	22.62 1.27 11.15	18.93 1.07 12.67	14.83 0.82 15.18	15.07 0.75 14.67	19.96 1.03 13.33	25.96 1.84 14.23	26.33 2.09 19.34	26.39 2.34 16.26	25.44 2.70 15.21	26.21 2.74 13.03	26.64 2.93 13.45	28.56 3.05 13.05	31.17 3.15 11.40	37.11 3.57 7.94	39.00 3.71 7.83	45.97 3.80 6.56	63.03 4.63 5.07	59.41 3.98 5.79	53.07 3.25 6.31	38.82 2.66 11.42	30.17 2.36 15.10	33.49 2.46 8.68	27.23 1.93 10.37
NYPA_VERNON____GT2 24162	36.00 1.58 0.00	33.75 1.17 -0.07	31.58 1.01 -0.03	29.98 0.79 0.00	29.71 0.72 0.00	33.26 1.00 0.00	40.08 1.73 0.00	45.55 1.96 0.00	43.07 2.14 -0.62	41.39 2.50 -0.92	40.23 2.55 -1.17	41.15 2.75 -1.25	42.88 2.85 -1.46	43.89 2.96 -1.52	46.50 3.36 -1.66	48.38 3.49 -1.77	53.89 3.61 -1.55	69.72 4.32 -1.93	66.05 3.61 -1.21	59.71 2.92 -0.67	50.10 2.38 -0.15	45.63 2.10 -0.61	41.99 2.26 -0.02	37.46 1.78 0.00
NYPA_VERNON____GT3 24163	36.00 1.58 0.00	33.75 1.17 -0.07	31.58 1.01 -0.03	29.98 0.79 0.00	29.71 0.72 0.00	33.26 1.00 0.00	40.08 1.73 0.00	45.55 1.96 0.00	43.07 2.14 -0.62	41.39 2.50 -0.92	40.23 2.55 -1.17	41.15 2.75 -1.25	42.88 2.85 -1.46	43.89 2.96 -1.52	46.50 3.36 -1.66	48.38 3.49 -1.77	53.89 3.61 -1.55	69.72 4.32 -1.93	66.05 3.61 -1.21	59.71 2.92 -0.67	50.10 2.38 -0.15	45.63 2.10 -0.61	41.99 2.26 -0.02	37.46 1.78 0.00
NYPA____ASTORIA_CC1 323568	35.97 1.55 0.00	33.72 1.14 -0.07	31.52 0.95 -0.03	29.92 0.73 0.00	29.65 0.67 0.00	33.20 0.94 0.00	40.00 1.65 0.00	45.41 1.83 0.00	42.99 2.05 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.38 3.24 -1.66	48.26 3.37 -1.77	53.79 3.51 -1.55	69.52 4.12 -1.92	65.92 3.49 -1.21	59.54 2.75 -0.67	49.96 2.24 -0.15	45.50 1.98 -0.61	41.95 2.22 -0.02	37.42 1.75 0.00
NYPA____ASTORIA_CC2 323569	35.97 1.55 0.00	33.72 1.14 -0.07	31.52 0.95 -0.03	29.92 0.73 0.00	29.65 0.67 0.00	33.20 0.94 0.00	40.00 1.65 0.00	45.41 1.83 0.00	42.99 2.05 -0.62	41.31 2.43 -0.92	40.16 2.48 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.38 3.24 -1.66	48.26 3.37 -1.77	53.79 3.51 -1.55	69.52 4.12 -1.92	65.92 3.49 -1.21	59.54 2.75 -0.67	49.96 2.24 -0.15	45.50 1.98 -0.61	41.95 2.22 -0.02	37.42 1.75 0.00
NYPA____HOLTSVILL 23794	35.93 1.51 0.00	33.46 0.88 -0.07	31.18 0.61 -0.03	29.51 0.32 0.00	29.25 0.26 0.00	32.91 0.64 0.00	39.73 1.38 0.00	44.63 1.04 0.00	42.59 1.65 -0.62	41.01 2.12 -0.92	40.04 2.37 -1.17	40.74 2.34 -1.25	42.45 2.43 -1.46	43.38 2.44 -1.52	45.00 1.87 -1.65	47.38 2.50 -1.76	52.85 2.58 -1.54	68.19 2.79 -1.92	64.82 2.39 -1.21	59.21 2.41 -0.67	48.81 1.10 -0.14	44.94 1.41 -0.61	41.91 2.18 -0.02	37.49 1.82 0.00
NYPA____HELLGATE_GT1 24158	36.07 1.65 0.00	33.75 1.17 -0.07	31.52 0.95 -0.03	29.89 0.70 0.00	29.60 0.61 0.00	33.07 0.81 0.00	39.81 1.46 0.00	45.19 1.61 0.01	42.78 1.86 -0.62	41.15 2.28 -0.92	40.00 2.34 -1.16	40.92 2.53 -1.24	42.64 2.62 -1.45	43.65 2.72 -1.51	46.21 3.07 -1.66	48.17 3.28 -1.77	53.54 3.27 -1.55	69.26 3.87 -1.92	65.61 3.18 -1.20	59.25 2.47 -0.66	49.76 2.04 -0.14	45.36 1.84 -0.60	42.20 2.46 -0.02	37.65 1.96 -0.01
NYPA____HELLGATE_GT2 24159	36.07 1.65 0.00	33.75 1.17 -0.07	31.52 0.95 -0.03	29.89 0.70 0.00	29.60 0.61 0.00	33.07 0.81 0.00	39.81 1.46 0.00	45.19 1.61 0.01	42.78 1.86 -0.62	41.15 2.28 -0.92	40.00 2.34 -1.16	40.92 2.53 -1.24	42.64 2.62 -1.45	43.65 2.72 -1.51	46.21 3.07 -1.66	48.17 3.28 -1.77	53.54 3.27 -1.55	69.26 3.87 -1.92	65.61 3.18 -1.20	59.25 2.47 -0.66	49.76 2.04 -0.14	45.36 1.84 -0.60	42.20 2.46 -0.02	37.65 1.96 -0.01
NYS_BARGE____HYD 23848	33.21 -1.21 0.00	32.05 -0.46 0.00	30.26 -0.61 -0.34	29.00 -0.44 -0.24	28.51 -0.70 -0.22	31.26 -1.00 0.00	35.97 -2.38 0.00	40.08 -3.27 0.23	37.45 -2.86 0.00	34.81 -3.15 0.00	33.62 -2.88 0.00	34.63 -2.53 0.00	35.49 -2.62 0.45	37.06 -2.36 0.00	38.59 -2.57 0.31	39.69 -2.97 0.46	44.24 -3.71 0.78	56.53 -5.40 1.55	57.07 -4.10 0.05	52.93 -3.20 0.00	45.44 -2.14 0.00	40.68 -2.23 0.00	38.04 -1.67 0.00	35.43 -0.25 0.00
OAK ORCHARD____HYD 24046	34.07 -0.34 0.00	32.35 -0.16 0.00	30.59 -0.28 -0.33	29.37 -0.06 -0.24	29.03 -0.17 -0.22	31.81 -0.45 0.00	37.43 -0.92 0.00	42.19 -1.13 0.26	39.23 -1.09 0.00	36.74 -1.22 0.00	35.37 -1.13 0.00	36.19 -0.97 0.00	36.94 -1.12 0.50	38.55 -0.87 0.00	40.05 -1.08 0.35	41.40 -1.21 0.51	46.40 -1.46 0.87	59.84 -1.90 1.72	60.07 -1.10 0.06	55.51 -0.62 0.00	47.15 -0.43 0.00	42.31 -0.60 0.00	39.35 -0.36 0.00	35.57 -0.11 0.00

OAKDALE___35_KV_LOAD 356122	34.35 -0.07 0.00	32.54 0.03 0.00	31.08 0.12 -0.42	29.61 0.12 -0.30	29.32 0.06 -0.27	32.20 -0.06 0.00	38.20 -0.15 0.00	43.22 -0.31 0.06	40.03 -0.28 0.00	37.65 -0.30 0.00	36.25 -0.26 0.00	36.86 -0.30 0.00	38.22 -0.23 0.11	39.26 -0.16 0.00	41.19 -0.21 0.08	42.79 -0.22 0.11	48.19 -0.34 0.20	62.83 -0.25 0.38	61.21 0.00 0.01	56.24 0.11 0.00	47.82 0.24 0.00	43.00 0.09 0.00	39.87 0.16 0.00	35.71 0.04 0.00
OCC_CHEM___DRP 24175	33.35 -1.07 0.00	32.05 -0.46 0.00	30.63 -0.24 -0.33	29.17 -0.26 -0.24	28.97 -0.23 -0.22	31.26 -1.00 0.00	35.82 -2.53 0.00	39.74 -3.62 0.23	37.21 -3.10 0.00	35.11 -2.85 0.00	33.76 -2.74 0.00	34.15 -3.01 0.00	35.03 -3.09 0.45	36.54 -2.88 0.00	38.02 -3.15 0.31	39.00 -3.67 0.45	43.43 -4.53 0.77	55.97 -5.97 1.53	56.16 -5.02 0.05	51.81 -4.32 0.00	44.77 -2.81 0.00	40.13 -2.79 0.00	37.72 -1.99 0.00	34.00 -1.68 0.00
OH_GEN_PROXY 24063	33.08 -1.34 0.00	31.53 -0.97 0.00	29.80 -1.07 -0.33	28.81 -0.61 -0.24	28.33 -0.87 -0.22	30.78 -1.48 0.00	35.82 -2.53 0.00	39.86 -3.49 0.23	37.25 -3.07 0.00	34.69 -3.26 0.00	33.55 -2.96 0.00	34.52 -2.64 0.00	35.41 -2.70 0.45	36.98 -2.44 0.00	38.55 -2.61 0.31	39.60 -3.06 0.46	44.10 -3.85 0.78	56.40 -5.52 1.55	56.83 -4.35 0.05	52.65 -3.48 0.00	45.20 -2.38 0.00	42.90 -2.40 -2.39	35.78 -1.87 2.07	34.57 -0.79 0.32
OLIN_CORP_DRP 24177	32.94 -1.48 0.00	31.63 -0.88 0.00	30.26 -0.61 -0.34	28.82 -0.61 -0.24	28.66 -0.55 -0.22	30.87 -1.39 0.00	36.20 -2.15 0.00	39.96 -3.40 0.23	37.37 -2.94 0.00	35.26 -2.70 0.00	33.91 -2.59 0.00	34.26 -2.90 0.00	35.19 -2.93 0.44	36.66 -2.76 0.00	38.19 -2.99 0.31	39.18 -3.49 0.45	43.63 -4.34 0.76	56.18 -5.78 1.52	56.46 -4.71 0.05	52.14 -3.99 0.00	45.01 -2.57 0.00	40.30 -2.62 0.00	37.88 -1.83 0.00	34.71 -0.96 0.00
OLIN_CORP_DSASP 323712	33.25 -1.17 0.00	31.24 -1.27 0.00	29.50 -1.37 -0.33	29.02 -0.41 -0.24	28.54 -0.67 -0.22	30.42 -1.84 0.00	35.55 -2.80 0.00	39.30 -4.05 0.23	36.76 -3.55 0.00	34.20 -3.76 0.00	33.07 -3.43 0.00	34.03 -3.12 0.00	34.92 -3.20 0.45	36.46 -2.96 0.00	38.02 -3.15 0.31	39.00 -3.67 0.45	43.43 -4.53 0.77	55.28 -6.66 1.53	55.85 -5.33 0.05	51.81 -4.32 0.00	44.53 -3.05 0.00	39.91 -3.01 0.00	37.37 -2.34 0.00	34.50 -1.18 0.00
ONEIDA_HERK_LFGE 323681	35.30 0.52 -0.36	33.46 0.45 -0.50	31.09 0.37 -0.19	30.69 0.35 -1.14	30.13 0.41 -0.74	35.21 0.48 -2.46	42.64 0.73 -3.57	46.87 0.92 -2.37	41.68 0.68 -0.68	38.34 0.38 0.00	36.79 0.29 0.00	39.15 0.30 -1.70	40.04 0.39 -1.09	40.54 0.31 -0.81	42.16 0.29 -0.39	43.55 0.39 -0.05	51.34 0.49 -2.13	64.24 0.76 0.00	62.34 1.04 -0.07	61.19 1.18 -3.88	53.13 1.05 -4.51	46.34 0.90 -2.52	40.46 0.75 0.00	36.21 0.54 0.00
ONEIDA___115KV_TB4 55905	35.27 0.69 -0.16	33.38 0.65 -0.22	31.41 0.58 -0.29	30.38 0.53 -0.67	30.07 0.61 -0.47	34.05 0.68 -1.11	40.88 0.92 -1.61	45.74 1.09 -1.07	41.51 0.89 -0.31	38.53 0.57 0.00	36.98 0.47 0.00	38.41 0.48 -0.77	39.49 0.54 -0.39	40.26 0.47 -0.36	42.04 0.46 -0.10	43.55 0.52 0.08	49.93 0.49 -0.72	64.30 0.83 0.00	62.36 1.10 -0.03	59.02 1.23 -1.66	50.65 1.14 -1.93	44.90 0.90 -1.08	40.50 0.79 0.00	36.25 0.57 0.00
ONONDAGA_REF_OCCRA 23987	34.21 -0.28 -0.07	32.38 -0.23 -0.10	31.02 -0.18 -0.66	29.68 -0.18 -0.66	29.33 -0.20 -0.55	32.41 -0.32 -0.47	38.58 -0.46 -0.69	43.44 -0.52 -0.38	39.92 -0.52 -0.13	37.43 -0.53 0.00	36.03 -0.47 0.00	36.93 -0.56 -0.33	38.08 -0.54 -0.05	39.06 -0.51 -0.16	40.82 -0.62 0.04	42.32 -0.65 0.15	48.18 -0.68 -0.13	62.28 -0.70 0.50	60.73 -0.49 0.00	56.58 -0.28 -0.74	48.24 -0.19 -0.85	43.14 -0.26 -0.48	39.51 -0.20 0.00	35.39 -0.29 0.00
ONONDAGA___COGEN 23986	34.31 -0.17 -0.06	32.47 -0.13 -0.09	31.30 -0.06 -0.82	29.90 -0.06 -0.76	29.55 -0.09 -0.64	32.50 -0.19 -0.44	38.71 -0.27 -0.63	43.66 -0.35 -0.42	40.11 -0.32 -0.12	37.58 -0.38 0.00	36.17 -0.33 0.00	37.09 -0.37 -0.30	38.37 -0.39 -0.19	39.21 -0.35 -0.14	41.09 -0.46 -0.07	42.65 -0.47 -0.01	48.48 -0.63 -0.38	62.84 -0.63 0.00	60.81 -0.43 -0.01	56.60 -0.22 -0.70	48.29 -0.10 -0.81	43.16 -0.21 -0.45	39.59 -0.12 0.00	35.46 -0.21 0.00
ONTARIO___LFGE 23819	35.00 0.58 0.00	33.12 0.62 0.00	31.75 0.58 -0.63	30.34 0.70 -0.45	29.98 0.58 -0.41	32.81 0.55 0.00	38.85 0.50 0.00	44.09 0.57 0.06	40.67 0.36 0.00	37.96 0.00 0.00	36.54 0.04 0.00	37.27 0.11 0.00	38.56 0.12 0.12	39.73 0.31 0.00	41.52 0.12 0.08	43.17 0.17 0.12	48.66 0.15 0.22	63.71 0.63 0.40	62.56 1.35 0.01	57.76 1.63 0.00	49.05 1.48 0.00	43.90 0.99 0.00	40.70 0.99 0.00	36.57 0.89 0.00
ORANGEVILLE_WT_PWR 323706	33.66 -0.76 0.00	32.05 -0.46 0.00	30.39 -0.52 -0.37	29.28 -0.17 -0.26	28.82 -0.41 -0.24	31.46 -0.81 0.00	36.77 -1.57 0.00	41.18 -2.22 0.18	38.34 -1.97 0.00	35.68 -2.28 0.00	34.42 -2.08 0.00	35.22 -1.93 0.00	36.32 -1.89 0.36	37.73 -1.69 0.00	39.36 -1.87 0.25	40.56 -2.20 0.36	45.33 -2.78 0.63	58.49 -3.74 1.23	58.67 -2.51 0.04	54.33 -1.80 0.00	46.49 -1.09 0.00	41.58 -1.33 0.00	38.80 -0.91 0.00	35.46 -0.21 0.00
ORANGEVILLE___ESR 323794	33.66 -0.76 0.00	32.05 -0.46 0.00	30.39 -0.52 -0.37	29.28 -0.17 -0.26	28.82 -0.41 -0.24	31.46 -0.81 0.00	36.77 -1.57 0.00	41.18 -2.22 0.18	38.34 -1.97 0.00	35.68 -2.28 0.00	34.42 -2.08 0.00	35.22 -1.93 0.00	36.32 -1.89 0.36	37.73 -1.69 0.00	39.36 -1.87 0.25	40.56 -2.20 0.36	45.33 -2.78 0.63	58.49 -3.74 1.23	58.67 -2.51 0.04	54.33 -1.80 0.00	46.49 -1.09 0.00	41.58 -1.33 0.00	38.80 -0.91 0.00	35.46 -0.21 0.00
OSWEGATCHIE___HYD 24044	36.87 0.65 -1.79	35.58 0.62 -2.45	31.27 0.49 -0.25	34.85 0.50 -5.16	32.73 0.55 -3.19	45.08 0.68 -12.14	56.91 0.96 -17.60	56.41 1.13 -11.70	44.59 0.93 -3.35	38.56 0.61 0.00	37.05 0.55 0.00	46.04 0.48 -8.40	44.48 0.54 -5.38	43.83 0.43 -3.98	43.72 0.33 -1.91	43.74 0.39 -0.23	59.93 0.59 -10.61	64.36 0.89 0.00	62.82 1.22 -0.37	76.78 1.29 -19.36	71.21 1.14 -22.49	56.62 1.11 -12.59	40.66 0.95 0.00	36.46 0.78 0.00
OSWEGO___5 23606	33.69 -0.72 0.00	31.86 -0.65 0.00	32.27 -0.61 -2.34	30.30 -0.56 -1.66	29.93 -0.58 -1.52	31.55 -0.71 0.00	37.47 -0.88 0.00	43.31 -1.00 -0.72	39.34 -0.97 0.00	36.97 -0.99 0.00	35.55 -0.95 0.00	36.23 -0.93 0.00	39.02 -0.96 -1.42	38.47 -0.95 0.00	41.43 -1.04 -0.98	43.48 -1.08 -1.44	49.91 -1.27 -2.45	66.72 -1.58 -4.83	59.98 -1.41 -0.16	54.95 -1.18 0.00	46.63 -0.95 0.00	42.01 -0.90 0.00	38.92 -0.79 0.00	34.96 -0.71 0.00
OSWEGO___6 23613	33.69 -0.72 0.00	31.86 -0.65 0.00	32.27 -0.61 -2.34	30.30 -0.56 -1.66	29.93 -0.58 -1.52	31.55 -0.71 0.00	37.47 -0.88 0.00	43.31 -1.00 -0.72	39.34 -0.97 0.00	36.97 -0.99 0.00	35.55 -0.95 0.00	36.23 -0.93 0.00	39.02 -0.96 -1.42	38.47 -0.95 0.00	41.43 -1.04 -0.98	43.48 -1.08 -1.44	49.91 -1.27 -2.45	66.72 -1.58 -4.83	59.98 -1.41 -0.16	54.95 -1.18 0.00	46.63 -0.95 0.00	42.01 -0.90 0.00	38.92 -0.79 0.00	34.96 -0.71 0.00

OUTOKUMPU-AB___DRP 24206	33.73 -0.69 0.00	32.38 -0.13 0.00	30.91 0.03 -0.34	29.46 0.03 -0.24	29.29 0.09 -0.22	31.62 -0.65 0.00	36.74 -1.61 0.00	40.79 -2.57 0.23	38.14 -2.18 0.00	35.95 -2.01 0.00	34.57 -1.93 0.00	34.96 -2.19 0.00	35.96 -2.16 0.44	37.41 -2.01 0.00	38.98 -2.20 0.31	40.00 -2.67 0.45	44.56 -3.41 0.76	57.58 -4.38 1.51	57.69 -3.49 0.05	53.27 -2.86 0.00	45.91 -1.67 0.00	41.07 -1.85 0.00	38.60 -1.11 0.00	34.86 -0.82 0.00
OXBOW___BTM 323836	33.49 -0.93 0.00	31.66 -0.85 0.00	29.90 -0.98 -0.34	29.23 -0.20 -0.24	28.74 -0.46 -0.22	30.87 -1.39 0.00	35.97 -2.38 0.00	39.87 -3.49 0.23	37.29 -3.02 0.00	34.69 -3.26 0.00	33.55 -2.96 0.00	34.52 -2.64 0.00	35.42 -2.70 0.44	36.98 -2.44 0.00	38.52 -2.66 0.31	39.56 -3.10 0.45	44.07 -3.90 0.76	56.24 -5.71 1.52	56.77 -4.41 0.05	52.65 -3.48 0.00	45.20 -2.38 0.00	40.47 -2.44 0.00	37.88 -1.83 0.00	34.96 -0.71 0.00
OXBOW___ 24026	33.59 -0.83 0.00	32.25 -0.26 0.00	30.81 -0.06 -0.34	29.34 -0.09 -0.24	29.18 -0.03 -0.22	31.49 -0.77 0.00	36.35 -1.99 0.00	40.31 -3.05 0.23	37.73 -2.58 0.00	35.57 -2.39 0.00	34.24 -2.26 0.00	34.59 -2.56 0.00	35.58 -2.55 0.44	37.05 -2.37 0.00	38.56 -2.61 0.31	39.56 -3.10 0.45	44.07 -3.90 0.76	56.87 -5.08 1.52	57.01 -4.16 0.05	52.65 -3.48 0.00	45.44 -2.14 0.00	40.68 -2.23 0.00	38.20 -1.51 0.00	34.50 -1.18 0.00
OXY_CHEM_DSASP 323612	33.35 -1.07 0.00	32.05 -0.46 0.00	30.63 -0.24 -0.33	29.17 -0.26 -0.24	28.97 -0.23 -0.22	31.26 -1.00 0.00	35.82 -2.53 0.00	39.74 -3.62 0.23	37.21 -3.10 0.00	35.11 -2.85 0.00	33.76 -2.74 0.00	34.15 -3.01 0.00	35.03 -3.09 0.45	36.54 -2.88 0.00	38.02 -3.15 0.31	39.00 -3.67 0.45	43.43 -4.53 0.77	55.97 -5.97 1.53	56.16 -5.02 0.05	51.81 -4.32 0.00	44.77 -2.81 0.00	40.13 -2.79 0.00	37.72 -1.99 0.00	34.00 -1.68 0.00
OZONE_PARK_ESR 323760	36.21 1.79 0.00	33.98 1.40 -0.07	31.70 1.13 -0.03	30.21 1.02 0.00	29.92 0.93 0.00	33.49 1.23 0.00	40.42 2.07 0.00	45.98 2.40 0.00	43.43 2.50 -0.62	41.61 2.73 -0.92	40.45 2.77 -1.17	41.41 3.01 -1.25	43.15 3.12 -1.46	44.21 3.27 -1.52	46.83 3.69 -1.66	48.73 3.84 -1.77	54.37 4.09 -1.55	70.44 4.95 -2.01	66.78 4.29 -1.27	60.42 3.59 -0.70	50.59 2.85 -0.15	46.08 2.53 -0.64	42.17 2.46 0.00	37.75 2.07 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.35 -1.07 0.00	32.05 -0.46 0.00	30.63 -0.24 -0.33	29.17 -0.26 -0.24	28.97 -0.23 -0.22	31.26 -1.00 0.00	35.82 -2.53 0.00	39.74 -3.62 0.23	37.21 -3.10 0.00	35.11 -2.85 0.00	33.76 -2.74 0.00	34.15 -3.01 0.00	35.03 -3.09 0.45	36.54 -2.88 0.00	38.02 -3.15 0.31	39.00 -3.67 0.45	43.43 -4.53 0.77	55.97 -5.97 1.53	56.16 -5.02 0.05	51.81 -4.32 0.00	44.77 -2.81 0.00	40.13 -2.79 0.00	37.72 -1.99 0.00	34.00 -1.68 0.00
PACKARD___115KV_DUPONT_184 80571	33.35 -1.07 0.00	32.05 -0.46 0.00	30.63 -0.24 -0.33	29.17 -0.26 -0.24	28.97 -0.23 -0.22	31.26 -1.00 0.00	35.82 -2.53 0.00	39.74 -3.62 0.23	37.21 -3.10 0.00	35.11 -2.85 0.00	33.76 -2.74 0.00	34.15 -3.01 0.00	35.03 -3.09 0.45	36.54 -2.88 0.00	38.02 -3.15 0.31	39.00 -3.67 0.45	43.43 -4.53 0.77	55.97 -5.97 1.53	56.16 -5.02 0.05	51.81 -4.32 0.00	44.77 -2.81 0.00	40.13 -2.79 0.00	37.72 -1.99 0.00	34.00 -1.68 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.07 1.65 0.00	33.79 1.20 -0.07	31.49 0.92 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.10 0.84 0.00	39.84 1.50 0.00	45.28 1.70 0.00	42.91 1.98 -0.62	41.12 2.24 -0.92	39.97 2.30 -1.17	40.97 2.56 -1.25	42.65 2.62 -1.46	43.66 2.72 -1.52	46.38 3.24 -1.66	48.30 3.41 -1.77	53.64 3.36 -1.55	69.36 3.87 -2.01	65.74 3.24 -1.27	59.41 2.58 -0.70	49.78 2.05 -0.15	45.36 1.80 -0.64	42.02 2.30 -0.01	37.65 1.96 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.41 2.00 0.00	34.11 1.53 -0.07	31.79 1.22 -0.03	30.24 1.05 0.00	29.97 0.99 0.00	33.42 1.16 0.00	40.23 1.88 0.00	45.72 2.14 0.00	43.27 2.34 -0.62	41.46 2.58 -0.92	40.30 2.63 -1.17	41.26 2.86 -1.25	42.99 2.97 -1.46	44.01 3.07 -1.52	46.79 3.65 -1.66	48.73 3.84 -1.77	54.08 3.80 -1.55	69.93 4.44 -2.01	66.29 3.80 -1.27	59.91 3.09 -0.70	50.21 2.47 -0.15	45.74 2.19 -0.64	42.38 2.66 -0.01	37.97 2.28 -0.01
PATROON___115KV_TB1 80586	34.52 0.10 0.00	32.39 -0.07 0.06	30.45 -0.06 0.02	29.16 -0.03 0.00	28.99 0.00 0.00	32.36 0.10 0.00	38.39 0.04 0.00	43.71 0.13 0.00	39.92 0.08 0.48	37.25 0.00 0.71	35.60 0.00 0.90	36.20 0.00 0.96	37.41 -0.04 1.12	38.14 -0.12 1.16	40.25 0.04 1.27	41.85 0.09 1.35	47.74 0.19 1.19	62.05 0.13 1.54	60.26 0.00 0.97	55.48 -0.11 0.53	47.22 -0.24 0.12	42.30 -0.13 0.49	39.43 -0.28 0.00	35.64 -0.04 0.00
PATTRSNVILLE___SOLAR 323815	35.21 0.79 0.00	33.17 0.71 0.05	31.22 0.70 0.02	29.83 0.64 0.00	29.60 0.61 0.00	33.03 0.77 0.00	39.31 0.96 0.00	44.59 1.00 0.00	40.55 0.64 0.40	37.74 0.38 0.60	35.86 0.11 0.76	36.35 0.00 0.80	37.59 -0.04 0.94	38.44 0.00 0.98	40.49 0.08 1.07	42.24 0.26 1.14	48.41 0.68 1.00	63.39 1.27 1.35	61.96 1.59 0.85	57.18 1.52 0.47	48.66 1.19 0.10	43.60 1.11 0.43	40.65 0.95 0.01	36.43 0.75 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.32 -1.10 0.00	31.89 -0.62 0.00	30.43 -0.46 -0.35	29.03 -0.41 -0.25	28.81 -0.41 -0.23	31.23 -1.03 0.00	36.78 -1.57 0.00	40.84 -2.53 0.21	38.14 -2.18 0.00	35.87 -2.09 0.00	34.53 -1.97 0.00	35.00 -2.16 0.00	36.11 -2.04 0.41	37.57 -1.85 0.00	39.16 -2.03 0.29	40.24 -2.46 0.42	44.95 -3.07 0.71	58.24 -3.81 1.42	58.18 -3.00 0.05	53.60 -2.53 0.00	46.10 -1.47 0.00	41.20 -1.72 0.00	38.60 -1.11 0.00	34.75 -0.93 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.80 1.38 0.00	33.72 1.14 -0.07	31.49 0.92 -0.03	30.01 0.82 0.00	29.71 0.72 0.00	33.29 1.03 0.00	40.11 1.76 0.00	45.63 2.05 0.00	42.93 2.02 -0.61	40.98 2.13 -0.90	39.79 2.15 -1.14	40.67 2.30 -1.21	42.41 2.43 -1.42	43.45 2.56 -1.47	45.95 2.86 -1.61	47.81 2.98 -1.72	53.35 3.12 -1.50	69.30 3.87 -1.96	65.82 3.37 -1.23	59.72 2.92 -0.68	50.01 2.28 -0.15	45.55 2.02 -0.62	41.50 1.79 0.00	37.25 1.57 0.00
PEEKSKILL___ 23653	35.59 1.17 0.00	33.49 0.91 -0.07	31.33 0.76 -0.03	29.78 0.58 0.00	29.51 0.52 0.00	33.07 0.81 0.00	39.81 1.46 0.00	45.28 1.70 0.00	42.70 1.77 -0.62	40.89 2.01 -0.92	39.71 2.04 -1.17	40.59 2.19 -1.24	42.33 2.31 -1.45	43.33 2.40 -1.51	45.83 2.69 -1.65	47.68 2.80 -1.76	53.20 2.92 -1.54	69.01 3.62 -1.92	65.49 3.06 -1.21	59.32 2.53 -0.66	49.68 1.95 -0.15	45.28 1.76 -0.61	41.39 1.67 -0.02	37.00 1.32 0.00
PGE MADISON___WINDPWR 24146	36.24 1.82 0.00	34.39 1.89 0.00	32.61 1.65 -0.42	31.01 1.52 -0.30	30.89 1.62 -0.27	34.04 1.77 0.00	40.69 2.34 0.00	46.29 2.70 0.00	42.49 2.18 0.00	39.29 1.33 0.00	37.56 1.06 0.00	38.01 0.85 0.00	39.57 1.00 0.00	40.17 0.75 0.00	42.14 0.66 0.00	44.02 0.91 0.00	50.14 1.41 0.00	66.07 2.60 0.00	64.78 3.55 0.00	60.06 3.93 0.00	51.19 3.62 0.00	45.83 2.92 0.00	42.45 2.74 0.00	37.67 2.00 0.00

PIERCEFIELD___HYD 23852	37.86 0.79 -2.65	36.90 0.78 -3.62	31.34 0.67 -0.13	37.31 0.67 -7.45	34.27 0.72 -4.56	51.00 0.84 -17.90	65.38 1.07 -25.96	62.10 1.26 -17.25	46.38 1.13 -4.94	38.95 0.99 0.00	37.41 0.91 0.00	50.40 0.85 -12.39	47.30 0.81 -7.93	46.04 0.75 -5.87	44.92 0.62 -2.82	44.06 0.60 -0.34	65.36 0.97 -15.66	64.87 1.40 0.00	63.24 1.47 -0.54	86.10 1.40 -28.57	81.96 1.19 -33.19	62.61 1.12 -18.58	40.70 0.99 0.00	36.57 0.89 0.00
PINELAWN_CC_1 323563	36.10 1.69 0.00	33.69 1.11 -0.07	31.40 0.82 -0.03	29.75 0.55 0.00	29.48 0.49 0.00	33.13 0.87 0.00	39.96 1.61 0.00	44.85 1.26 0.00	42.79 1.86 -0.62	41.16 2.28 -0.92	40.19 2.52 -1.17	40.96 2.56 -1.25	42.65 2.62 -1.46	43.62 2.68 -1.52	45.41 2.28 -1.65	47.42 2.54 -1.76	52.85 2.58 -1.54	68.06 2.67 -1.92	64.58 2.14 -1.21	58.81 2.02 -0.67	48.81 1.10 -0.14	45.20 1.67 -0.61	42.19 2.46 -0.02	37.67 2.00 0.00
PJM_GEN_HTTP_PROXY 323702	35.86 1.45 0.00	33.69 1.11 -0.07	31.49 0.92 -0.03	29.92 0.73 0.00	29.65 0.67 0.00	33.26 1.00 0.00	40.08 1.73 0.00	45.50 1.92 0.00	43.03 2.09 -0.62	41.27 2.39 -0.92	40.08 2.41 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.78 2.84 -1.52	46.34 3.19 -1.66	48.16 3.28 -1.77	53.74 3.46 -1.55	69.65 4.25 -1.92	66.05 3.61 -1.21	59.71 2.92 -0.67	50.01 2.28 -0.15	47.97 2.06 -3.00	39.73 2.06 2.05	37.00 1.64 0.32
PJM_GEN_KEystone 24065	33.37 -0.34 0.70	31.40 -0.36 0.75	29.50 -0.37 0.67	28.01 -0.26 0.92	27.66 -0.43 0.90	30.81 -0.52 0.93	36.66 -0.69 1.00	41.20 -0.92 1.46	38.65 -0.77 0.89	36.54 -0.72 0.70	35.51 -0.55 0.45	36.41 -0.30 0.45	37.83 -0.19 0.54	39.19 -0.04 0.19	41.48 0.04 0.04	42.98 -0.09 0.06	48.23 -0.29 0.20	62.61 -0.57 0.29	60.99 -0.30 -0.06	55.68 -0.28 0.17	46.74 -0.09 0.74	44.24 -0.26 -1.58	39.28 -0.08 0.35	32.35 0.04 3.36
PJM_GEN_NEPTUNE_PROXY 323594	35.76 1.34 0.00	33.43 0.84 -0.07	31.15 0.58 -0.03	29.54 0.35 0.00	29.28 0.29 0.00	32.91 0.64 0.00	39.65 1.30 0.00	44.54 0.96 0.00	42.47 1.53 -0.62	40.89 2.01 -0.92	39.86 2.19 -1.17	40.71 2.30 -1.25	42.34 2.31 -1.46	43.30 2.37 -1.52	45.16 2.03 -1.65	47.51 2.63 -1.76	52.90 2.63 -1.54	68.32 2.92 -1.92	64.89 2.45 -1.21	58.98 2.19 -0.67	48.86 1.14 -0.14	47.20 1.29 -3.00	39.69 2.02 2.05	36.96 1.61 0.32
PJM_GEN_VFT_PROXY 323633	25.67 1.31 10.06	22.29 0.94 11.16	18.65 0.79 12.68	14.59 0.58 15.19	14.83 0.52 14.68	19.76 0.84 13.34	25.68 1.57 14.24	25.98 1.75 19.35	24.98 1.93 16.27	25.76 2.30 15.22	26.15 2.45 13.04	28.05 2.54 13.46	30.69 2.68 13.06	36.56 3.03 11.41	38.39 3.11 7.95	45.42 3.27 7.83	62.33 3.94 6.57	58.73 3.30 5.08	52.45 2.64 5.80	38.24 2.09 6.32	32.08 1.89 11.43	30.86 1.91 12.72	26.44 1.46 10.76	
PLATSBURG_115KV_PMLD1 355749	36.07 1.45 -0.20	34.28 1.50 -0.28	31.94 1.40 0.00	31.15 1.40 -0.56	30.78 1.45 -0.34	35.30 1.68 -1.36	42.39 2.07 -1.98	47.29 2.40 -1.31	43.07 2.38 -0.38	40.12 2.16 0.00	38.58 2.08 0.00	39.88 1.78 -0.94	40.83 1.66 -0.60	41.40 1.54 -0.45	42.98 1.29 -0.21	44.22 1.08 -0.03	51.23 1.32 -0.19	65.38 1.90 0.00	63.41 2.14 -0.04	60.21 1.91 -0.17	51.67 1.57 -2.52	45.91 1.59 -1.41	41.34 1.63 0.00	37.46 1.78 0.00
PLEASANTVLY___LBMP 24000	35.35 0.93 0.00	33.24 0.65 -0.08	31.09 0.52 -0.04	29.66 0.47 0.00	29.39 0.41 0.00	32.87 0.61 0.00	39.46 1.11 0.00	44.89 1.31 0.00	42.32 1.33 -0.68	40.49 1.52 -1.01	39.32 1.53 -1.28	40.19 1.67 -1.36	41.94 1.77 -1.60	42.93 1.85 -1.66	45.45 2.16 -1.81	47.25 2.20 -1.93	52.76 2.34 -1.69	68.41 2.73 -2.20	64.88 2.27 -1.39	58.74 1.85 -0.76	49.17 1.43 -0.17	44.94 1.33 -0.70	40.90 1.19 0.00	36.75 1.07 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.69 1.27 0.00	33.53 0.94 -0.08	31.30 0.73 -0.03	29.86 0.67 0.00	29.57 0.58 0.00	33.13 0.87 0.00	39.84 1.50 0.00	45.33 1.74 0.00	42.79 1.85 -0.63	40.94 2.05 -0.93	39.76 2.08 -1.18	40.64 2.23 -1.25	42.38 2.35 -1.47	43.39 2.44 -1.52	45.96 2.82 -1.66	47.78 2.89 -1.77	53.35 3.07 -1.55	69.11 3.62 -2.02	65.62 3.12 -1.27	59.41 2.58 -0.70	49.73 2.00 -0.15	45.36 1.80 -0.64	41.42 1.71 0.00	37.14 1.46 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.69 1.27 0.00	33.53 0.94 -0.08	31.30 0.73 -0.03	29.86 0.67 0.00	29.57 0.58 0.00	33.13 0.87 0.00	39.84 1.50 0.00	45.33 1.74 0.00	42.79 1.85 -0.63	40.94 2.05 -0.93	39.76 2.08 -1.18	40.64 2.23 -1.25	42.38 2.35 -1.47	43.39 2.44 -1.52	45.96 2.82 -1.66	47.78 2.89 -1.77	53.35 3.07 -1.55	69.11 3.62 -2.02	65.62 3.12 -1.27	59.41 2.58 -0.70	49.73 2.00 -0.15	45.36 1.80 -0.64	41.42 1.71 0.00	37.14 1.46 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.62 1.20 0.00	33.49 0.91 -0.07	31.30 0.73 -0.03	29.86 0.67 0.00	29.60 0.61 0.00	33.13 0.87 0.00	39.81 1.46 0.00	45.20 1.61 0.00	42.43 1.53 -0.59	40.46 1.63 -0.87	39.25 1.64 -1.11	40.12 1.78 -1.18	41.87 1.93 -1.38	42.82 1.97 -1.43	45.41 2.36 -1.56	47.24 2.46 -1.67	52.87 2.68 -1.46	68.61 3.24 -1.90	65.36 2.94 -1.19	59.31 2.53 -0.66	49.72 2.00 -0.15	45.28 1.76 -0.60	41.10 1.39 0.00	36.96 1.28 0.00
POLETTI____ 23519	27.56 1.31 8.16	26.56 0.85 6.79	26.47 0.55 4.62	26.59 0.41 3.01	26.59 0.35 2.75	26.53 0.45 6.19	26.52 1.04 12.86	26.57 1.18 18.19	26.61 1.49 15.19	26.49 1.82 13.29	28.60 1.90 9.80	28.67 2.16 10.64	28.67 2.24 12.13	28.71 2.33 13.04	29.41 2.82 14.89	30.98 3.02 15.16	35.03 2.83 16.52	51.90 3.17 14.74	48.33 2.57 15.47	42.08 1.91 15.95	32.30 1.47 16.75	28.65 1.33 15.59	28.57 2.03 13.17	28.73 1.68 8.62
POMONA___ESR 323819	35.45 1.03 0.00	33.33 0.75 -0.07	31.21 0.64 -0.03	29.69 0.50 0.00	29.42 0.44 0.00	32.97 0.71 0.00	39.61 1.26 0.00	45.07 1.48 0.00	42.37 1.49 -0.57	40.55 1.75 -0.84	39.36 1.79 -1.07	40.23 1.93 -1.14	41.98 2.08 -1.33	42.97 2.17 -1.39	45.48 2.49 -1.52	47.32 2.59 -1.62	52.92 2.78 -1.42	68.66 3.43 -1.76	65.33 3.00 -1.11	59.15 2.41 -0.61	49.62 1.91 -0.13	45.19 1.72 -0.56	41.32 1.59 -0.02	36.89 1.21 0.00
PORT_JEFF_3 23555	36.00 1.58 0.00	33.53 0.94 -0.07	31.24 0.67 -0.03	29.57 0.38 0.00	29.31 0.32 0.00	32.97 0.71 0.00	39.81 1.46 0.00	44.72 1.13 0.00	42.71 1.77 -0.62	41.08 2.20 -0.92	40.12 2.45 -1.17	40.85 2.45 -1.25	42.57 2.54 -1.46	43.50 2.56 -1.52	45.16 2.03 -1.65	47.55 2.67 -1.76	53.05 2.78 -1.54	68.38 2.98 -1.92	64.95 2.51 -1.21	59.43 2.64 -0.67	49.00 1.29 -0.14	45.07 1.54 -0.61	42.03 2.30 -0.02	37.60 1.93 0.00
PORT_JEFF_4 23616	36.00 1.58 0.00	33.53 0.94 -0.07	31.24 0.67 -0.03	29.57 0.38 0.00	29.31 0.32 0.00	32.97 0.71 0.00	39.81 1.46 0.00	44.72 1.13 0.00	42.71 1.77 -0.62	41.08 2.20 -0.92	40.12 2.45 -1.17	40.85 2.45 -1.25	42.57 2.54 -1.46	43.50 2.56 -1.52	45.16 2.03 -1.65	47.55 2.67 -1.76	53.05 2.78 -1.54	68.38 2.98 -1.92	64.95 2.51 -1.21	59.43 2.64 -0.67	49.00 1.29 -0.14	45.07 1.54 -0.61	42.03 2.30 -0.02	37.60 1.93 0.00

PORT_JEFF_IC 23713	36.07 1.65 0.00	33.62 1.04 -0.07	31.18 0.61 -0.03	29.63 0.44 0.00	29.34 0.35 0.00	32.97 0.71 0.00	39.84 1.50 0.00	45.24 1.66 0.00	42.75 1.81 -0.62	41.08 2.20 -0.92	40.12 2.45 -1.17	40.89 2.49 -1.25	42.49 2.47 -1.46	43.46 2.52 -1.52	45.91 2.78 -1.65	47.73 2.85 -1.76	53.19 2.92 -1.54	68.28 2.79 -2.01	64.88 2.39 -1.27	59.57 2.75 -0.70	49.06 1.33 -0.15	44.97 1.42 -0.64	41.82 2.10 0.00	37.71 2.03 0.00
PPL PILGRIM_ST_GT1 24216	36.31 1.89 0.00	33.85 1.27 -0.07	31.52 0.95 -0.03	29.87 0.67 0.00	29.60 0.61 0.00	33.29 1.03 0.00	40.15 1.80 0.00	45.11 1.52 0.00	43.07 2.14 -0.62	41.43 2.54 -0.92	40.45 2.77 -1.17	41.23 2.82 -1.25	42.92 2.89 -1.46	43.89 2.96 -1.52	45.54 2.40 -1.65	47.94 3.06 -1.76	53.49 3.22 -1.54	69.08 3.68 -1.92	65.62 3.18 -1.21	59.82 3.03 -0.67	49.38 1.66 -0.14	45.41 1.89 -0.61	42.43 2.70 -0.02	37.93 2.25 0.00
PPL PILGRIM_ST_GT2 24217	36.31 1.89 0.00	33.85 1.27 -0.07	31.52 0.95 -0.03	29.87 0.67 0.00	29.60 0.61 0.00	33.29 1.03 0.00	40.15 1.80 0.00	45.11 1.52 0.00	43.07 2.14 -0.62	41.43 2.54 -0.92	40.45 2.77 -1.17	41.23 2.82 -1.25	42.92 2.89 -1.46	43.89 2.96 -1.52	45.54 2.40 -1.65	47.94 3.06 -1.76	53.49 3.22 -1.54	69.08 3.68 -1.92	65.62 3.18 -1.21	59.82 3.03 -0.67	49.38 1.66 -0.14	45.41 1.89 -0.61	42.43 2.70 -0.02	37.93 2.25 0.00
PPL_SHRM_GT3 24213	35.62 1.20 0.00	33.17 0.59 -0.07	30.85 0.27 -0.03	29.22 0.03 0.00	28.93 -0.06 0.00	32.58 0.32 0.00	39.38 1.04 0.00	44.24 0.65 0.00	42.26 1.33 -0.62	40.70 1.82 -0.92	39.72 2.04 -1.17	40.44 2.04 -1.25	42.18 2.16 -1.46	43.06 2.13 -1.52	44.71 1.58 -1.65	47.12 2.24 -1.76	52.61 2.34 -1.54	67.94 2.54 -1.92	64.70 2.27 -1.21	59.10 2.30 -0.67	48.62 0.90 -0.14	44.72 1.20 -0.61	41.63 1.91 -0.02	37.21 1.53 0.00
PPL_SHRM_GT4 24214	35.62 1.20 0.00	33.17 0.59 -0.07	30.85 0.27 -0.03	29.22 0.03 0.00	28.93 -0.06 0.00	32.58 0.32 0.00	39.38 1.04 0.00	44.24 0.65 0.00	42.26 1.33 -0.62	40.70 1.82 -0.92	39.72 2.04 -1.17	40.44 2.04 -1.25	42.18 2.16 -1.46	43.06 2.13 -1.52	44.71 1.58 -1.65	47.12 2.24 -1.76	52.61 2.34 -1.54	67.94 2.54 -1.92	64.70 2.27 -1.21	59.10 2.30 -0.67	48.62 0.90 -0.14	44.72 1.20 -0.61	41.63 1.91 -0.02	37.21 1.53 0.00
PROJECT___ORANGE 1 24174	34.22 -0.28 -0.08	32.39 -0.23 -0.11	30.95 -0.18 -0.59	29.66 -0.18 -0.64	29.33 -0.17 -0.52	32.47 -0.32 -0.53	38.62 -0.50 -0.77	43.43 -0.57 -0.41	39.89 -0.56 -0.14	37.39 -0.57 0.00	35.99 -0.51 0.00	36.96 -0.56 -0.36	38.01 -0.58 -0.02	39.08 -0.51 -0.17	40.80 -0.62 0.06	42.27 -0.65 0.20	47.97 -0.83 -0.07	61.87 -0.95 0.65	60.42 -0.80 0.01	56.39 -0.56 -0.82	48.15 -0.38 -0.96	43.02 -0.43 -0.54	39.35 -0.36 0.00	35.25 -0.43 0.00
PROJECT___ORANGE 2 24166	34.22 -0.28 -0.08	32.39 -0.23 -0.11	30.95 -0.18 -0.59	29.66 -0.18 -0.64	29.33 -0.17 -0.52	32.47 -0.32 -0.53	38.62 -0.50 -0.77	43.43 -0.57 -0.41	39.89 -0.56 -0.14	37.39 -0.57 0.00	35.99 -0.51 0.00	36.96 -0.56 -0.36	38.01 -0.58 -0.02	39.08 -0.51 -0.17	40.80 -0.62 0.06	42.27 -0.65 0.20	47.97 -0.83 -0.07	61.87 -0.95 0.65	60.42 -0.80 0.01	56.39 -0.56 -0.82	48.15 -0.38 -0.96	43.02 -0.43 -0.54	39.35 -0.36 0.00	35.25 -0.43 0.00
PUCKETT___SOLAR 323809	34.80 0.38 0.00	32.93 0.42 0.00	31.34 0.40 -0.40	29.92 0.44 -0.29	29.66 0.41 -0.26	32.62 0.36 0.00	38.69 0.34 0.00	43.98 0.39 0.00	40.56 0.24 0.00	37.88 -0.08 0.00	36.39 -0.11 0.00	37.04 -0.11 0.00	38.53 -0.04 0.00	39.38 -0.04 0.00	41.40 -0.08 0.00	43.07 -0.04 0.00	48.55 0.00 0.18	63.85 0.38 0.00	62.08 0.86 0.00	57.19 1.06 0.00	48.62 1.05 0.00	43.69 0.77 0.00	40.46 0.75 0.00	36.28 0.61 0.00
PYRITES___HYD 24023	38.39 1.17 -2.80	37.48 1.14 -3.83	31.64 0.98 -0.12	38.01 0.93 -7.88	34.82 1.01 -4.82	52.42 1.19 -18.97	67.43 1.57 -27.51	63.65 1.79 -18.28	47.08 1.53 -5.23	39.17 1.21 0.00	37.63 1.13 0.00	51.28 1.00 -13.12	47.97 1.00 -8.40	46.59 0.95 -6.22	45.30 0.83 -2.99	44.34 0.86 -0.36	66.74 1.41 -16.59	65.50 2.03 0.00	64.07 2.27 -0.57	88.59 2.19 -30.28	84.61 1.86 -35.17	64.32 1.72 -19.69	41.22 1.51 0.00	36.96 1.28 0.00
QUAKERRD_115KV_BK1 80622	33.42 -1.00 0.00	31.73 -0.78 0.00	30.19 -0.67 -0.33	28.78 -0.64 -0.23	28.59 -0.61 -0.21	31.29 -0.97 0.00	36.93 -1.42 0.00	41.62 -1.70 0.27	38.70 -1.61 0.00	36.48 -1.48 0.00	35.04 -1.46 0.00	35.60 -1.56 0.00	36.35 -1.70 0.52	37.84 -1.58 0.00	39.29 -1.83 0.36	40.65 -1.94 0.52	45.54 -2.29 0.90	58.96 -2.73 1.78	59.03 -2.14 0.06	54.39 -1.74 0.00	46.25 -1.33 0.00	41.54 -1.37 0.00	38.64 -1.07 0.00	34.57 -1.11 0.00
QUENSBRY_115KV_TB8 356137	35.31 0.89 0.00	33.08 0.65 0.08	31.21 0.70 0.03	29.86 0.67 0.00	29.57 0.58 0.00	33.20 0.94 0.00	39.35 1.00 0.00	44.54 0.96 0.00	39.96 0.28 0.63	36.87 -0.15 0.93	35.02 -0.29 1.19	35.60 -0.30 1.26	36.63 -0.46 1.48	37.57 -0.32 1.53	39.60 -0.21 1.68	41.37 0.04 1.79	48.09 0.93 1.57	62.77 1.33 2.04	61.41 1.47 1.28	56.83 1.40 0.70	48.28 0.86 0.16	43.17 0.90 0.65	40.39 0.68 0.00	36.14 0.46 0.00
RAMAPO___LBMP 323565	35.28 0.86 0.00	33.19 0.62 -0.07	31.03 0.46 -0.03	29.60 0.41 0.00	29.31 0.32 0.00	32.81 0.55 0.00	39.46 1.11 0.00	44.89 1.31 0.00	42.20 1.33 -0.56	40.30 1.52 -0.82	39.08 1.53 -1.05	40.01 1.75 -1.11	41.76 1.89 -1.30	42.74 1.97 -1.35	45.24 2.28 -1.48	47.07 2.37 -1.58	52.64 2.53 -1.38	68.32 3.05 -1.80	64.99 2.63 -1.13	58.88 2.13 -0.62	49.38 1.67 -0.14	44.99 1.50 -0.57	41.06 1.35 0.00	36.78 1.11 0.00
RANKINE____ 23646	33.66 -0.76 0.00	32.25 -0.26 0.00	30.76 -0.12 -0.34	29.35 -0.09 -0.25	29.15 -0.06 -0.22	31.55 -0.71 0.00	37.01 -1.34 0.00	41.15 -2.22 0.22	38.42 -1.89 0.00	36.17 -1.78 0.00	34.82 -1.68 0.00	35.26 -1.89 0.00	36.29 -1.85 0.42	37.72 -1.70 0.00	39.32 -1.87 0.29	40.41 -2.29 0.42	45.08 -2.92 0.72	58.29 -3.74 1.44	58.30 -2.88 0.05	53.77 -2.36 0.00	46.34 -1.24 0.00	41.41 -1.50 0.00	38.84 -0.87 0.00	35.00 -0.68 0.00
RAVENSWOOD_GT2_1 24244	35.90 1.48 0.00	33.69 1.11 -0.07	31.43 0.86 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.23 0.97 0.00	40.04 1.69 0.00	45.55 1.96 0.00	43.03 2.10 -0.62	41.20 2.32 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.38 3.24 -1.66	48.21 3.32 -1.77	53.74 3.46 -1.55	69.61 4.13 -2.01	66.04 3.55 -1.27	59.74 2.92 -0.70	50.02 2.28 -0.15	45.61 2.06 -0.64	41.74 2.03 0.00	37.39 1.71 0.00
RAVENSWOOD_GT2_2 24245	35.90 1.48 0.00	33.69 1.11 -0.07	31.43 0.86 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.23 0.97 0.00	40.04 1.69 0.00	45.55 1.96 0.00	43.03 2.10 -0.62	41.20 2.32 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.38 3.24 -1.66	48.21 3.32 -1.77	53.74 3.46 -1.55	69.61 4.13 -2.01	66.04 3.55 -1.27	59.74 2.92 -0.70	50.02 2.28 -0.15	45.61 2.06 -0.64	41.74 2.03 0.00	37.39 1.71 0.00

RAVENSWOOD_GT2_3 24246	35.93 1.51 0.00	33.69 1.11 -0.07	31.46 0.89 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.23 0.97 0.00	40.07 1.73 0.00	45.55 1.96 0.00	43.07 2.14 -0.62	41.23 2.35 -0.92	40.08 2.41 -1.17	41.04 2.64 -1.25	42.76 2.74 -1.46	43.77 2.84 -1.52	46.38 3.24 -1.66	48.25 3.36 -1.77	53.79 3.51 -1.55	69.67 4.19 -2.01	66.10 3.61 -1.27	59.80 2.97 -0.70	50.02 2.28 -0.15	45.61 2.06 -0.64	41.78 2.06 0.00	37.42 1.75 0.00
RAVENSWOOD_GT2_4 24247	35.93 1.51 0.00	33.69 1.11 -0.07	31.46 0.89 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.23 0.97 0.00	40.07 1.73 0.00	45.55 1.96 0.00	43.07 2.14 -0.62	41.23 2.35 -0.92	40.08 2.41 -1.17	41.04 2.64 -1.25	42.76 2.74 -1.46	43.77 2.84 -1.52	46.38 3.24 -1.66	48.25 3.36 -1.77	53.79 3.51 -1.55	69.67 4.19 -2.01	66.10 3.61 -1.27	59.80 2.97 -0.70	50.02 2.28 -0.15	45.61 2.06 -0.64	41.78 2.06 0.00	37.42 1.75 0.00
RAVENSWOOD_GT3_1 24248	35.90 1.48 0.00	33.69 1.11 -0.07	31.43 0.86 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.23 0.97 0.00	40.04 1.69 0.00	45.55 1.96 0.00	43.03 2.10 -0.62	41.20 2.32 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.38 3.24 -1.66	48.21 3.32 -1.77	53.79 3.51 -1.55	69.61 4.13 -2.01	66.04 3.55 -1.27	59.74 2.92 -0.70	50.02 2.28 -0.15	45.61 2.06 -0.64	41.74 2.03 0.00	37.42 1.75 0.00
RAVENSWOOD_GT3_2 24249	35.90 1.48 0.00	33.69 1.11 -0.07	31.43 0.86 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.23 0.97 0.00	40.04 1.69 0.00	45.55 1.96 0.00	43.03 2.10 -0.62	41.20 2.32 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.38 3.24 -1.66	48.21 3.32 -1.77	53.79 3.51 -1.55	69.61 4.13 -2.01	66.04 3.55 -1.27	59.74 2.92 -0.70	50.02 2.28 -0.15	45.61 2.06 -0.64	41.74 2.03 0.00	37.42 1.75 0.00
RAVENSWOOD_GT3_3 24250	35.97 1.55 0.00	33.72 1.14 -0.07	31.49 0.92 -0.03	30.01 0.82 0.00	29.71 0.72 0.00	33.26 1.00 0.00	40.11 1.76 0.00	45.59 2.00 0.00	43.11 2.18 -0.62	41.27 2.39 -0.92	40.12 2.45 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.46 3.32 -1.66	48.30 3.41 -1.77	53.89 3.61 -1.55	69.74 4.25 -2.01	66.17 3.67 -1.27	59.86 3.03 -0.70	50.11 2.38 -0.15	45.66 2.10 -0.64	41.82 2.10 0.00	37.46 1.78 0.00
RAVENSWOOD_GT3_4 24251	35.97 1.55 0.00	33.72 1.14 -0.07	31.49 0.92 -0.03	30.01 0.82 0.00	29.71 0.72 0.00	33.26 1.00 0.00	40.11 1.76 0.00	45.59 2.00 0.00	43.11 2.18 -0.62	41.27 2.39 -0.92	40.12 2.45 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.52	46.46 3.32 -1.66	48.30 3.41 -1.77	53.89 3.61 -1.55	69.74 4.25 -2.01	66.17 3.67 -1.27	59.86 3.03 -0.70	50.11 2.38 -0.15	45.66 2.10 -0.64	41.82 2.10 0.00	37.46 1.78 0.00
RAVENSWOOD_GT_1 23729	36.04 1.62 0.00	33.75 1.17 -0.07	31.49 0.92 -0.03	30.01 0.82 0.00	29.71 0.72 0.00	33.23 0.97 0.00	40.07 1.73 0.00	45.55 1.96 0.00	43.15 2.22 -0.62	41.35 2.47 -0.92	40.19 2.52 -1.17	41.15 2.75 -1.25	42.88 2.85 -1.46	43.89 2.96 -1.52	46.54 3.40 -1.66	48.43 3.54 -1.77	53.89 3.61 -1.55	69.74 4.25 -2.02	66.11 3.61 -1.27	59.74 2.92 -0.70	50.06 2.33 -0.16	45.61 2.06 -0.64	41.93 2.22 0.00	37.53 1.86 0.00
RAVENSWOOD_GT_10 24258	35.90 1.48 0.00	33.69 1.11 -0.07	31.43 0.86 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.23 0.97 0.00	40.04 1.69 0.00	45.55 1.96 0.00	43.03 2.10 -0.62	41.20 2.32 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.38 3.24 -1.66	48.21 3.32 -1.77	53.79 3.51 -1.55	69.61 4.13 -2.01	66.04 3.55 -1.27	59.74 2.92 -0.70	50.02 2.28 -0.15	45.61 2.06 -0.64	41.74 2.03 0.00	37.39 1.71 0.00
RAVENSWOOD_GT_11 24259	35.90 1.48 0.00	33.69 1.11 -0.07	31.43 0.86 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.23 0.97 0.00	40.04 1.69 0.00	45.55 1.96 0.00	43.03 2.10 -0.62	41.20 2.32 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.38 3.24 -1.66	48.21 3.32 -1.77	53.79 3.51 -1.55	69.61 4.13 -2.01	66.04 3.55 -1.27	59.74 2.92 -0.70	50.02 2.28 -0.15	45.61 2.06 -0.64	41.74 2.03 0.00	37.39 1.71 0.00
RAVENSWOOD_GT_4 24252	35.90 1.48 0.00	33.69 1.11 -0.07	31.43 0.86 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.23 0.97 0.00	40.07 1.73 0.00	45.55 1.96 0.00	43.03 2.10 -0.62	41.20 2.32 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.74 2.80 -1.52	46.34 3.19 -1.66	48.21 3.32 -1.77	53.74 3.46 -1.55	69.61 4.13 -2.01	66.04 3.55 -1.27	59.80 2.97 -0.70	50.02 2.28 -0.15	45.61 2.06 -0.64	41.74 2.03 0.00	37.39 1.71 0.00
RAVENSWOOD_GT_5 24254	35.90 1.48 0.00	33.69 1.11 -0.07	31.43 0.86 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.23 0.97 0.00	40.07 1.73 0.00	45.55 1.96 0.00	43.03 2.10 -0.62	41.20 2.32 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.74 2.80 -1.52	46.34 3.19 -1.66	48.21 3.32 -1.77	53.74 3.46 -1.55	69.61 4.13 -2.01	66.04 3.55 -1.27	59.80 2.97 -0.70	50.02 2.28 -0.15	45.61 2.06 -0.64	41.74 2.03 0.00	37.39 1.71 0.00
RAVENSWOOD_GT_6 24253	35.90 1.48 0.00	33.69 1.11 -0.07	31.43 0.86 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.23 0.97 0.00	40.07 1.73 0.00	45.55 1.96 0.00	43.03 2.10 -0.62	41.20 2.32 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.74 2.80 -1.52	46.34 3.19 -1.66	48.21 3.32 -1.77	53.74 3.46 -1.55	69.61 4.13 -2.01	66.04 3.55 -1.27	59.80 2.97 -0.70	50.02 2.28 -0.15	45.61 2.06 -0.64	41.74 2.03 0.00	37.39 1.71 0.00
RAVENSWOOD_GT_7 24255	35.90 1.48 0.00	33.69 1.11 -0.07	31.43 0.86 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.23 0.97 0.00	40.07 1.73 0.00	45.55 1.96 0.00	43.03 2.10 -0.62	41.20 2.32 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.74 2.80 -1.52	46.34 3.19 -1.66	48.21 3.32 -1.77	53.74 3.46 -1.55	69.61 4.13 -2.01	66.04 3.55 -1.27	59.80 2.97 -0.70	50.02 2.28 -0.15	45.61 2.06 -0.64	41.74 2.03 0.00	37.39 1.71 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.90 1.48 0.00	33.69 1.11 -0.07	31.43 0.86 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.23 0.97 0.00	40.04 1.69 0.00	45.55 1.96 0.00	43.03 2.10 -0.62	41.20 2.32 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.38 3.24 -1.66	48.21 3.32 -1.77	53.79 3.51 -1.55	69.61 4.13 -2.01	66.04 3.55 -1.27	59.74 2.92 -0.70	50.02 2.28 -0.15	45.61 2.06 -0.64	41.74 2.03 0.00	37.39 1.71 0.00
RAVENSWOOD_GT_9 24257	35.90 1.48 0.00	33.69 1.11 -0.07	31.43 0.86 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.23 0.97 0.00	40.04 1.69 0.00	45.55 1.96 0.00	43.03 2.10 -0.62	41.20 2.32 -0.92	40.05 2.37 -1.17	41.00 2.60 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.38 3.24 -1.66	48.21 3.32 -1.77	53.79 3.51 -1.55	69.61 4.13 -2.01	66.04 3.55 -1.27	59.74 2.92 -0.70	50.02 2.28 -0.15	45.61 2.06 -0.64	41.74 2.03 0.00	37.39 1.71 0.00

RAVENSWOOD___1 23533	36.00 1.58 0.00	33.75 1.17 -0.07	31.55 0.98 -0.03	29.95 0.76 0.00	29.68 0.69 0.00	33.23 0.97 0.00	40.08 1.73 0.00	45.50 1.92 0.00	43.07 2.14 -0.62	41.35 2.47 -0.92	40.19 2.52 -1.17	41.15 2.75 -1.25	42.88 2.85 -1.46	43.89 2.96 -1.52	46.46 3.32 -1.66	48.34 3.45 -1.77	53.84 3.56 -1.55	69.65 4.25 -1.92	66.05 3.61 -1.21	59.65 2.86 -0.67	50.06 2.33 -0.15	45.58 2.06 -0.61	41.95 2.22 -0.02	37.42 1.75 0.00
RAVENSWOOD___2 23534	35.97 1.55 0.00	33.72 1.14 -0.07	31.55 0.98 -0.03	29.92 0.73 0.00	29.65 0.67 0.00	33.23 0.97 0.00	40.03 1.69 0.00	45.46 1.87 0.00	43.03 2.09 -0.62	41.35 2.47 -0.92	40.19 2.52 -1.17	41.11 2.71 -1.25	42.84 2.81 -1.46	43.85 2.92 -1.52	46.42 3.28 -1.66	48.30 3.41 -1.77	53.84 3.56 -1.55	69.65 4.25 -1.92	65.99 3.55 -1.21	59.65 2.86 -0.67	50.06 2.33 -0.15	45.58 2.06 -0.61	41.95 2.22 -0.02	37.42 1.75 0.00
RAVENSWOOD___3 23535	35.90 1.48 0.00	33.69 1.11 -0.07	31.52 0.95 -0.03	29.95 0.76 0.00	29.68 0.69 0.00	33.26 1.00 0.00	40.08 1.73 0.00	45.50 1.92 0.00	43.03 2.09 -0.62	41.27 2.39 -0.92	40.12 2.45 -1.17	41.04 2.64 -1.25	42.76 2.74 -1.46	43.78 2.84 -1.52	46.34 3.19 -1.66	48.21 3.32 -1.77	53.79 3.51 -1.55	69.65 4.25 -1.92	66.05 3.61 -1.21	59.71 2.92 -0.67	50.06 2.33 -0.15	45.63 2.10 -0.61	41.83 2.10 -0.02	37.35 1.68 0.00
RAVENSWOOD___4 23820	35.97 1.55 0.00	33.72 1.14 -0.07	31.52 0.95 -0.03	29.92 0.73 0.00	29.65 0.67 0.00	33.20 0.94 0.00	40.03 1.69 0.00	45.46 1.87 0.00	43.03 2.09 -0.62	41.35 2.47 -0.92	40.19 2.52 -1.17	41.11 2.71 -1.25	42.84 2.81 -1.46	43.85 2.92 -1.51	46.42 3.28 -1.66	48.29 3.41 -1.77	53.84 3.56 -1.55	69.65 4.25 -1.92	65.98 3.55 -1.21	59.65 2.86 -0.67	50.01 2.28 -0.15	45.58 2.06 -0.61	41.95 2.22 -0.02	37.42 1.75 0.00
RCPL_TRUST___DRP 24196	35.93 1.51 0.00	33.72 1.14 -0.07	31.49 0.92 -0.03	30.01 0.82 0.00	29.71 0.72 0.00	33.29 1.03 0.00	40.11 1.76 0.00	45.63 2.05 0.00	43.11 2.18 -0.62	41.27 2.39 -0.92	40.12 2.45 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.85 2.92 -1.52	46.46 3.32 -1.66	48.30 3.41 -1.77	53.89 3.61 -1.55	69.80 4.32 -2.01	66.17 3.67 -1.27	59.91 3.09 -0.70	50.11 2.38 -0.15	45.70 2.15 -0.64	41.78 2.06 0.00	37.42 1.75 0.00
RED___ROCHESTER 323720	34.35 -0.07 0.00	32.57 0.07 0.00	30.83 -0.03 -0.32	29.60 0.18 -0.23	29.23 0.03 -0.21	32.07 -0.19 0.00	37.70 -0.65 0.00	42.54 -0.78 0.26	39.55 -0.77 0.00	37.01 -0.95 0.00	35.62 -0.88 0.00	36.52 -0.63 0.00	37.24 -0.81 0.51	38.87 -0.55 0.00	40.33 -0.79 0.36	41.61 -0.99 0.52	46.63 -1.22 0.89	60.25 -1.46 1.76	60.50 -0.67 0.06	55.90 -0.22 0.00	47.48 -0.09 0.00	42.57 -0.34 0.00	39.59 -0.12 0.00	35.75 0.07 0.00
REGAN___SOLAR 323812	36.14 1.72 0.00	33.99 1.53 0.04	32.02 1.50 0.02	30.62 1.43 0.00	30.35 1.36 0.00	33.97 1.71 0.00	40.42 2.07 0.00	45.72 2.14 0.00	41.07 1.13 0.37	37.72 0.30 0.54	35.48 -0.33 0.69	35.83 -0.60 0.73	36.93 -0.77 0.86	37.78 -0.75 0.89	39.84 -0.67 0.98	41.86 -0.21 1.04	48.69 0.88 0.91	64.71 2.47 1.23	63.94 3.49 0.77	59.13 3.42 0.43	50.19 2.71 0.09	45.06 2.53 0.39	41.80 2.10 0.01	37.35 1.68 0.00
RENSSELAER___COGEN 23796	34.42 0.00 0.00	32.32 -0.13 0.06	30.42 -0.09 0.02	29.08 -0.12 0.00	28.84 -0.14 0.00	32.26 0.00 0.00	38.31 -0.04 0.00	43.58 0.00 0.00	39.85 0.00 0.46	37.28 0.00 0.68	35.56 -0.07 0.87	36.16 -0.07 0.92	37.41 -0.08 1.08	38.03 -0.27 1.12	40.13 -0.12 1.22	41.73 -0.09 1.31	47.49 -0.10 1.14	61.76 -0.19 1.52	59.91 -0.37 0.96	55.15 -0.45 0.53	46.99 -0.48 0.12	42.05 -0.39 0.48	39.26 -0.44 0.01	35.46 -0.21 0.00
REPUBLIC_115KV_BARTNBK 55605	36.55 2.13 0.00	34.16 1.72 0.08	32.28 1.77 0.03	30.89 1.69 0.00	30.52 1.54 0.00	34.39 2.13 0.00	40.73 2.38 0.00	46.07 2.48 0.00	40.97 1.29 0.64	37.59 0.57 0.94	35.60 0.29 1.20	36.22 0.33 1.27	37.23 0.15 1.49	38.27 0.39 1.55	40.33 0.54 1.69	42.26 0.95 1.80	49.59 2.44 1.58	64.97 3.55 2.05	63.85 3.92 1.29	59.18 3.76 0.71	50.13 2.71 0.16	44.88 2.62 0.65	41.78 2.06 0.00	37.25 1.57 0.00
REVERE_CPPR_DRP 24186	35.52 0.86 -0.24	33.65 0.81 -0.32	31.50 0.70 -0.26	30.68 0.64 -0.85	30.31 0.75 -0.57	34.70 0.84 -1.60	41.82 1.15 -2.33	46.52 1.39 -1.55	41.88 1.13 -0.44	38.68 0.72 0.00	37.12 0.62 0.00	38.86 0.59 -1.11	39.97 0.69 -0.71	40.54 0.59 -0.53	42.31 0.58 -0.25	43.84 0.69 -0.03	50.86 0.78 -1.35	64.68 1.21 0.00	62.86 1.59 -0.05	60.34 1.74 -2.47	51.97 1.52 -2.87	45.81 1.29 -1.60	40.82 1.11 0.00	36.46 0.78 0.00
REYNLDPA_13_KV_LD 356490	34.53 0.52 0.40	32.45 0.49 0.55	31.00 0.46 0.00	28.51 0.44 1.12	28.77 0.46 0.68	30.05 0.51 2.73	35.00 0.61 3.96	41.65 0.70 2.63	40.24 0.68 0.75	38.60 0.64 0.00	37.16 0.66 0.00	35.83 0.56 1.89	37.90 0.54 1.21	39.04 0.51 0.90	41.46 0.41 0.43	43.45 0.39 0.05	46.97 0.63 2.39	64.29 0.82 0.00	62.00 0.86 0.08	52.49 0.73 4.36	43.13 0.62 5.07	40.68 0.60 2.84	40.23 0.51 0.00	36.25 0.57 0.00
REYNOLDS_115KV_TB3 80639	34.59 0.17 0.00	32.44 0.00 0.07	30.51 0.00 0.03	29.22 0.03 0.00	29.02 0.03 0.00	32.39 0.13 0.00	38.46 0.12 0.00	43.80 0.22 0.00	39.91 0.16 0.56	37.28 0.15 0.83	35.60 0.15 1.05	36.22 0.19 1.12	37.41 0.15 1.31	38.14 0.08 1.36	40.24 0.25 1.49	41.83 0.30 1.58	47.68 0.34 1.39	61.98 0.32 1.81	60.21 0.12 1.14	55.50 0.00 0.62	47.34 -0.10 0.14	42.34 0.00 0.57	39.55 -0.16 0.00	35.71 0.04 0.00
RIVERBAY____ 323610	36.41 2.00 0.00	34.11 1.53 -0.07	31.79 1.22 -0.03	30.24 1.05 0.00	29.97 0.99 0.00	33.42 1.16 0.00	40.23 1.88 0.00	45.72 2.14 0.00	43.27 2.34 -0.62	41.46 2.58 -0.92	40.30 2.63 -1.17	41.26 2.86 -1.25	42.99 2.97 -1.46	44.01 3.07 -1.52	46.79 3.65 -1.66	48.73 3.84 -1.77	54.08 3.80 -1.55	69.93 4.44 -2.01	66.29 3.80 -1.27	59.91 3.09 -0.70	50.21 2.47 -0.15	45.74 2.19 -0.64	42.38 2.66 -0.01	37.97 2.28 -0.01
RIVERSDE_115KV_TB3 55908	34.49 0.07 0.00	32.35 -0.10 0.06	30.45 -0.06 0.03	29.13 -0.06 0.00	28.96 -0.03 0.00	32.33 0.06 0.00	38.35 0.00 0.00	43.71 0.13 0.00	39.88 0.08 0.51	37.24 0.04 0.76	35.57 0.04 0.96	36.21 0.07 1.03	37.40 0.04 1.20	38.09 -0.08 1.25	40.20 0.08 1.36	41.79 0.13 1.45	47.65 0.19 1.27	61.88 0.06 1.66	60.12 -0.06 1.04	55.39 -0.17 0.57	47.21 -0.24 0.13	42.22 -0.17 0.52	39.43 -0.28 0.00	35.61 -0.07 0.00
ROARING___BROOK_WT_PWR 323790	34.18 -0.17 0.07	32.26 -0.16 0.09	30.39 -0.15 0.00	28.89 -0.12 0.19	28.82 -0.06 0.11	31.74 -0.06 0.45	37.65 -0.04 0.66	43.10 -0.04 0.44	40.19 0.00 0.13	37.96 0.00 0.00	36.54 0.04 0.00	36.84 0.00 0.31	38.36 0.00 0.20	39.23 -0.04 0.15	41.33 -0.08 0.07	42.98 -0.13 0.01	48.18 -0.15 0.40	63.28 -0.19 0.00	61.03 -0.18 0.01	55.12 -0.28 0.73	46.44 -0.28 0.85	42.14 -0.30 0.48	39.43 -0.28 0.00	35.43 -0.25 0.00

ROCHESRG_115KV_T4 355643	34.01 -0.41 0.00	32.35 -0.16 0.00	30.76 -0.09 -0.32	29.33 -0.09 -0.22	29.14 -0.06 -0.21	31.84 -0.42 0.00	37.54 -0.81 0.00	42.23 -1.09 0.27	39.30 -1.01 0.00	37.01 -0.95 0.00	35.55 -0.95 0.00	36.12 -1.04 0.00	36.88 -1.16 0.52	38.43 -0.99 0.00	39.91 -1.20 0.36	41.25 -1.34 0.53	46.17 -1.66 0.90	59.84 -1.84 1.79	59.88 -1.29 0.06	55.23 -0.90 0.00	47.05 -0.52 0.00	42.23 -0.69 0.00	39.35 -0.36 0.00	35.21 -0.46 0.00
ROCHESTER_9_IC 23652	34.18 -0.24 0.00	32.51 0.00 0.00	30.92 0.06 -0.32	29.45 0.03 -0.23	29.29 0.09 -0.21	32.00 -0.26 0.00	37.70 -0.65 0.00	42.45 -0.87 0.26	39.51 -0.81 0.00	37.20 -0.76 0.00	35.73 -0.77 0.00	36.30 -0.85 0.00	37.05 -1.00 0.51	38.63 -0.79 0.00	40.09 -1.04 0.36	41.44 -1.16 0.52	46.43 -1.41 0.89	60.19 -1.52 1.76	60.31 -0.86 0.06	55.57 -0.56 0.00	47.34 -0.24 0.00	42.44 -0.47 0.00	39.55 -0.16 0.00	35.39 -0.29 0.00
ROCKVIEW_13_KV_LD 356306	35.86 1.45 0.00	33.69 1.11 -0.07	31.46 0.89 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.26 1.00 0.00	40.07 1.73 0.00	45.59 2.00 0.00	43.03 2.10 -0.62	41.20 2.32 -0.92	40.05 2.37 -1.17	40.97 2.56 -1.25	42.72 2.70 -1.46	43.73 2.80 -1.52	46.33 3.19 -1.66	48.16 3.28 -1.77	53.73 3.46 -1.55	69.61 4.13 -2.01	66.10 3.61 -1.27	59.86 3.03 -0.70	50.11 2.38 -0.15	45.66 2.10 -0.64	41.70 1.99 0.00	37.39 1.71 0.00
ROME____115KV_TB2 80656	35.52 0.86 -0.24	33.65 0.81 -0.32	31.50 0.70 -0.26	30.68 0.64 -0.85	30.31 0.75 -0.57	34.70 0.84 -1.60	41.82 1.15 -2.33	46.52 1.39 -1.55	41.88 1.13 -0.44	38.68 0.72 0.00	37.12 0.62 0.00	38.86 0.59 -1.11	39.97 0.69 -0.71	40.54 0.59 -0.53	42.31 0.58 -0.25	43.84 0.69 -0.03	50.86 0.78 -1.35	64.68 1.21 0.00	62.86 1.59 -0.05	60.34 1.74 -2.47	51.97 1.52 -2.87	45.81 1.29 -1.60	40.82 1.11 0.00	36.46 0.78 0.00
ROSETON___1 23587	35.31 0.89 0.00	33.23 0.65 -0.07	31.12 0.55 -0.03	29.63 0.44 0.00	29.36 0.38 0.00	32.87 0.61 0.00	39.46 1.11 0.00	44.80 1.22 0.00	42.17 1.29 -0.57	40.32 1.52 -0.85	39.11 1.53 -1.07	39.89 1.60 -1.14	41.64 1.74 -1.34	42.58 1.78 -1.39	45.03 2.03 -1.52	46.85 2.11 -1.62	52.39 2.24 -1.42	67.83 2.60 -1.75	64.53 2.20 -1.10	58.48 1.74 -0.61	49.14 1.43 -0.13	44.76 1.29 -0.56	40.96 1.23 -0.02	36.60 0.93 0.00
ROSETON___2 23588	35.31 0.89 0.00	33.23 0.65 -0.07	31.12 0.55 -0.03	29.63 0.44 0.00	29.36 0.38 0.00	32.87 0.61 0.00	39.46 1.11 0.00	44.80 1.22 0.00	42.17 1.29 -0.57	40.32 1.52 -0.85	39.11 1.53 -1.07	39.89 1.60 -1.14	41.64 1.74 -1.34	42.58 1.78 -1.39	45.03 2.03 -1.52	46.85 2.11 -1.62	52.39 2.24 -1.42	67.83 2.60 -1.75	64.53 2.20 -1.10	58.48 1.74 -0.61	49.14 1.43 -0.13	44.76 1.29 -0.56	40.96 1.23 -0.02	36.60 0.93 0.00
ROTRDAM_115KV_TB3 80664	34.93 0.52 0.00	32.88 0.42 0.05	30.91 0.40 0.02	29.57 0.38 0.00	29.34 0.35 0.00	32.71 0.45 0.00	38.92 0.58 0.00	44.19 0.61 0.00	40.34 0.44 0.42	37.72 0.38 0.62	36.01 0.29 0.79	36.62 0.30 0.84	37.90 0.31 0.98	38.76 0.35 1.02	40.83 0.46 1.11	42.49 0.56 1.18	48.42 0.73 1.04	63.14 1.02 1.35	61.36 0.98 0.85	56.56 0.90 0.47	48.14 0.67 0.10	43.17 0.69 0.43	40.27 0.56 0.00	36.18 0.50 0.00
RUSSELL___1 23602	34.42 0.00 0.00	32.74 0.23 0.00	31.11 0.24 -0.32	29.66 0.23 -0.23	29.49 0.29 -0.21	32.20 -0.06 0.00	37.97 -0.38 0.00	42.75 -0.57 0.26	39.79 -0.52 0.00	37.46 -0.49 0.00	35.95 -0.55 0.00	36.56 -0.59 0.00	37.28 -0.77 0.51	38.87 -0.55 0.00	40.34 -0.79 0.36	41.61 -0.99 0.52	46.62 -1.22 0.89	60.51 -1.21 1.76	60.62 -0.55 0.06	55.90 -0.22 0.00	47.58 0.00 0.00	42.66 -0.26 0.00	39.75 0.04 0.00	35.53 -0.14 0.00
RUSSELL___2 23532	34.42 0.00 0.00	32.74 0.23 0.00	31.11 0.24 -0.32	29.66 0.23 -0.23	29.49 0.29 -0.21	32.20 -0.06 0.00	37.97 -0.38 0.00	42.75 -0.57 0.26	39.79 -0.52 0.00	37.46 -0.49 0.00	35.95 -0.55 0.00	36.56 -0.59 0.00	37.28 -0.77 0.51	38.87 -0.55 0.00	40.34 -0.79 0.36	41.61 -0.99 0.52	46.62 -1.22 0.89	60.51 -1.21 1.76	60.62 -0.55 0.06	55.90 -0.22 0.00	47.58 0.00 0.00	42.66 -0.26 0.00	39.75 0.04 0.00	35.53 -0.14 0.00
RUSSELL___3 23549	34.42 0.00 0.00	32.74 0.23 0.00	31.11 0.24 -0.32	29.66 0.23 -0.23	29.49 0.29 -0.21	32.20 -0.06 0.00	37.97 -0.38 0.00	42.75 -0.57 0.26	39.79 -0.52 0.00	37.46 -0.49 0.00	35.95 -0.55 0.00	36.56 -0.59 0.00	37.28 -0.77 0.51	38.87 -0.55 0.00	40.34 -0.79 0.36	41.61 -0.99 0.52	46.62 -1.22 0.89	60.51 -1.21 1.76	60.62 -0.55 0.06	55.90 -0.22 0.00	47.58 0.00 0.00	42.66 -0.26 0.00	39.75 0.04 0.00	35.53 -0.14 0.00
RUSSELL___4 23556	34.42 0.00 0.00	32.74 0.23 0.00	31.11 0.24 -0.32	29.66 0.23 -0.23	29.49 0.29 -0.21	32.20 -0.06 0.00	37.97 -0.38 0.00	42.75 -0.57 0.26	39.79 -0.52 0.00	37.46 -0.49 0.00	35.95 -0.55 0.00	36.56 -0.59 0.00	37.28 -0.77 0.51	38.87 -0.55 0.00	40.34 -0.79 0.36	41.61 -0.99 0.52	46.62 -1.22 0.89	60.51 -1.21 1.76	60.62 -0.55 0.06	55.90 -0.22 0.00	47.58 0.00 0.00	42.66 -0.26 0.00	39.75 0.04 0.00	35.53 -0.14 0.00
RUSSELL___STATION 23914	34.42 0.00 0.00	32.74 0.23 0.00	31.11 0.24 -0.32	29.66 0.23 -0.23	29.49 0.29 -0.21	32.20 -0.06 0.00	37.97 -0.38 0.00	42.75 -0.57 0.26	39.79 -0.52 0.00	37.46 -0.49 0.00	35.95 -0.55 0.00	36.56 -0.59 0.00	37.28 -0.77 0.51	38.87 -0.55 0.00	40.34 -0.79 0.36	41.61 -0.99 0.52	46.62 -1.22 0.89	60.51 -1.21 1.76	60.62 -0.55 0.06	55.90 -0.22 0.00	47.58 0.00 0.00	42.66 -0.26 0.00	39.75 0.04 0.00	35.53 -0.14 0.00
S SALMON___HYD 24043	34.54 -0.14 -0.26	32.77 -0.10 -0.36	31.25 -0.15 -0.86	30.42 -0.12 -1.34	29.91 -0.09 -1.00	33.90 -0.13 -1.77	40.80 -0.11 -2.57	45.30 -0.04 -1.76	40.60 -0.20 -0.49	37.54 -0.42 0.00	36.06 -0.44 0.00	37.94 -0.44 -1.23	39.07 -0.42 -0.93	39.53 -0.47 -0.58	41.27 -0.58 -0.38	42.78 -0.52 -0.18	49.85 -0.68 -1.80	62.97 -0.89 -0.39	60.80 -0.49 -0.07	58.78 -0.17 -2.82	50.76 -0.09 -3.27	44.75 0.00 -1.83	39.75 0.04 0.00	35.61 -0.07 0.00
S.PERRY__115KV_TB1 80734	35.11 0.69 0.00	33.39 0.88 0.00	31.84 0.92 -0.39	30.37 0.90 -0.27	30.17 0.93 -0.25	32.91 0.65 0.00	38.81 0.46 0.00	43.70 0.31 0.19	40.35 0.04 0.00	37.69 -0.27 0.00	36.10 -0.40 0.00	36.52 -0.63 0.00	37.55 -0.66 0.36	38.99 -0.43 0.00	40.57 -0.66 0.25	42.10 -0.65 0.37	47.36 -0.73 0.64	62.04 -0.19 1.24	62.17 0.98 0.04	57.59 1.46 0.00	49.05 1.47 0.00	43.82 0.90 0.00	40.86 1.15 0.00	36.43 0.75 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.52 -0.89 0.00	32.12 -0.39 0.00	30.66 -0.21 -0.34	29.23 -0.20 -0.24	29.03 -0.17 -0.22	31.39 -0.87 0.00	36.70 -1.65 0.00	40.75 -2.62 0.22	38.10 -2.22 0.00	35.91 -2.05 0.00	34.57 -1.93 0.00	34.96 -2.19 0.00	35.97 -2.16 0.43	37.45 -1.97 0.00	39.02 -2.16 0.30	40.05 -2.63 0.44	44.62 -3.36 0.75	57.67 -4.32 1.49	57.75 -3.43 0.05	53.27 -2.86 0.00	45.96 -1.62 0.00	41.11 -1.80 0.00	38.60 -1.11 0.00	34.78 -0.89 0.00

SAWYER___23_KV_LOAD 55526	33.52 -0.89 0.00	32.12 -0.39 0.00	30.66 -0.21 -0.34	29.23 -0.20 -0.24	29.03 -0.17 -0.22	31.39 -0.87 0.00	36.70 -1.65 0.00	40.75 -2.62 0.22	38.10 -2.22 0.00	35.91 -2.05 0.00	34.57 -1.93 0.00	34.96 -2.19 0.00	35.97 -2.16 0.43	37.45 -1.97 0.00	39.02 -2.16 0.30	40.05 -2.63 0.44	44.62 -3.36 0.75	57.67 -4.32 1.49	57.75 -3.43 0.05	53.27 -2.86 0.00	45.96 -1.62 0.00	41.11 -1.80 0.00	38.60 -1.11 0.00	34.78 -0.89 0.00
SELKIRK___I 23801	34.80 0.38 0.00	32.77 0.29 0.03	30.86 0.34 0.01	29.46 0.26 0.00	29.25 0.26 0.00	32.62 0.36 0.00	38.69 0.34 0.00	43.98 0.39 0.00	40.28 0.24 0.27	37.74 0.19 0.41	36.06 0.07 0.52	36.64 0.04 0.55	37.92 0.00 0.64	38.56 -0.20 0.67	40.67 -0.08 0.73	42.30 -0.04 0.78	47.26 -0.78 0.68	61.53 -1.02 0.93	59.60 -1.04 0.58	54.80 -1.01 0.32	46.60 -0.91 0.07	41.89 -0.73 0.29	38.91 -0.79 0.01	35.18 -0.50 0.00
SELKIRK___II 23799	34.63 0.21 0.00	32.57 0.10 0.04	30.64 0.12 0.02	29.28 0.09 0.00	29.05 0.06 0.00	32.42 0.16 0.00	38.54 0.19 0.00	43.80 0.22 0.00	40.23 0.24 0.33	37.74 0.27 0.49	36.06 0.18 0.62	36.68 0.19 0.66	37.95 0.15 0.77	38.42 -0.20 0.80	40.52 -0.08 0.88	42.14 -0.04 0.94	47.76 -0.15 0.82	62.12 -0.25 1.10	60.11 -0.43 0.69	55.24 -0.51 0.38	47.02 -0.48 0.08	42.18 -0.39 0.35	39.23 -0.47 0.01	35.64 -0.04 0.00
SENECA OSWGO___HYD 24041	33.99 -0.52 -0.09	32.14 -0.49 -0.12	31.27 -0.46 -1.19	29.90 -0.38 -1.09	29.48 -0.43 -0.92	32.31 -0.55 -0.59	38.52 -0.69 -0.86	43.55 -0.78 -0.75	39.40 -1.09 -0.18	36.86 -1.10 0.00	35.44 -1.06 0.00	36.56 -1.04 -0.45	38.56 -1.08 -1.08	38.57 -1.06 -0.21	40.97 -1.16 -0.65	42.73 -1.21 -0.81	49.14 -1.51 -1.93	63.30 -1.34 -1.16	60.12 -1.17 -0.06	56.23 -0.84 -0.95	48.01 -0.67 -1.10	42.84 -0.69 -0.62	39.15 -0.56 0.00	35.14 -0.53 0.00
SENECA___115KV_TB3 355854	33.70 -0.72 0.00	32.28 -0.23 0.00	30.82 -0.06 -0.34	29.38 -0.06 -0.25	29.18 -0.03 -0.22	31.58 -0.68 0.00	37.08 -1.27 0.00	41.19 -2.18 0.22	38.50 -1.81 0.00	36.25 -1.71 0.00	34.89 -1.61 0.00	35.30 -1.86 0.00	36.37 -1.77 0.42	37.80 -1.62 0.00	39.40 -1.78 0.29	40.45 -2.24 0.42	45.13 -2.87 0.72	58.41 -3.62 1.44	58.42 -2.76 0.05	53.88 -2.25 0.00	46.39 -1.19 0.00	41.50 -1.42 0.00	38.92 -0.79 0.00	35.03 -0.64 0.00
SENECA___ENERGY 23797	34.57 0.10 -0.05	32.71 0.13 -0.07	31.39 0.12 -0.73	30.09 0.23 -0.66	29.70 0.15 -0.56	32.70 0.10 -0.35	38.85 0.00 -0.50	43.96 0.04 -0.33	40.33 -0.08 -0.10	37.65 -0.30 0.00	36.21 -0.29 0.00	37.17 -0.22 -0.24	38.49 -0.23 -0.15	39.42 -0.12 -0.11	41.29 -0.25 -0.05	42.87 -0.26 -0.01	48.70 -0.34 -0.31	63.34 -0.13 0.00	61.61 0.37 -0.01	57.32 0.62 -0.57	48.86 0.62 -0.66	43.59 0.30 -0.37	40.03 0.32 0.00	35.96 0.28 0.00
SHOEMAKER___GT 23640	35.11 0.69 0.00	33.09 0.52 -0.06	31.05 0.49 -0.03	29.54 0.35 0.00	29.31 0.32 0.00	32.78 0.51 0.00	39.23 0.88 0.00	44.59 1.00 0.00	41.79 0.97 -0.51	39.81 1.10 -0.75	38.59 1.13 -0.96	39.36 1.19 -1.02	41.07 1.31 -1.19	42.03 1.38 -1.24	44.45 1.62 -1.35	46.29 1.73 -1.44	51.84 1.85 -1.26	67.33 2.28 -1.58	64.23 2.02 -0.99	58.36 1.68 -0.55	49.03 1.33 -0.12	44.57 1.16 -0.50	40.75 1.03 -0.01	36.50 0.82 0.00
SHOEMAKR_138KV_BK 111 55601	35.11 0.69 0.00	33.09 0.52 -0.06	30.96 0.40 -0.03	29.54 0.35 0.00	29.28 0.29 0.00	32.75 0.48 0.00	39.23 0.88 0.00	44.59 1.00 0.00	41.78 0.97 -0.50	39.80 1.10 -0.74	38.54 1.10 -0.94	39.39 1.23 -1.00	41.09 1.35 -1.17	42.06 1.42 -1.22	44.47 1.66 -1.33	46.31 1.77 -1.42	51.88 1.90 -1.25	67.38 2.28 -1.62	64.20 1.96 -1.02	58.32 1.63 -0.56	48.99 1.28 -0.12	44.59 1.16 -0.51	40.74 1.03 0.00	36.53 0.86 0.00
SHOREHAM_IC_1 23715	35.62 1.20 0.00	33.17 0.59 -0.07	30.85 0.27 -0.03	29.22 0.03 0.00	28.93 -0.06 0.00	32.58 0.32 0.00	39.38 1.04 0.00	44.24 0.65 0.00	42.26 1.33 -0.62	40.70 1.82 -0.92	39.72 2.04 -1.17	40.44 2.04 -1.25	42.18 2.16 -1.46	43.06 2.13 -1.52	44.71 1.58 -1.65	47.12 2.24 -1.76	52.61 2.34 -1.54	67.94 2.54 -1.92	64.70 2.27 -1.21	59.10 2.30 -0.67	48.62 0.90 -0.14	44.72 1.20 -0.61	41.63 1.91 -0.02	37.21 1.53 0.00
SHOREHAM_IC_2 23716	35.66 1.24 0.00	33.20 0.62 -0.07	30.78 0.21 -0.03	29.22 0.03 0.00	28.93 -0.06 0.00	32.55 0.29 0.00	39.35 1.00 0.00	44.72 1.13 0.00	42.23 1.29 -0.62	40.63 1.75 -0.92	39.68 2.01 -1.17	40.41 2.01 -1.25	42.07 2.04 -1.46	42.95 2.01 -1.52	45.41 2.28 -1.65	47.21 2.33 -1.76	52.61 2.34 -1.54	67.96 2.48 -2.01	64.70 2.20 -1.27	59.13 2.30 -0.70	48.58 0.86 -0.15	44.54 0.99 -0.64	41.34 1.63 0.00	37.28 1.61 0.00
SISSONVILLE____ 23735	37.86 0.79 -2.65	36.90 0.78 -3.62	31.34 0.67 -0.13	37.31 0.67 -7.45	34.27 0.72 -4.56	51.00 0.84 -17.90	65.38 1.07 -25.96	62.10 1.26 -17.25	46.38 1.13 -4.94	38.95 0.99 0.00	37.41 0.91 0.00	50.40 0.85 -12.39	47.30 0.81 -7.93	46.04 0.75 -5.87	44.92 0.62 -2.82	44.06 0.60 -0.34	65.36 0.97 -15.66	64.87 1.40 0.00	63.24 1.47 -0.54	86.10 1.40 -28.57	81.96 1.19 -33.19	62.61 1.12 -18.58	40.70 0.99 0.00	36.57 0.89 0.00
SITHE_IND_GS1 24169	33.45 -0.96 0.00	31.60 -0.91 0.00	25.17 -0.85 4.51	25.20 -0.79 3.21	25.27 -0.78 2.94	31.32 -0.94 0.00	37.16 -1.19 0.00	38.72 -1.35 3.51	39.06 -1.25 0.00	36.71 -1.25 0.00	35.33 -1.17 0.00	35.97 -1.19 0.00	30.52 -1.24 6.81	38.20 -1.22 0.00	35.44 -1.33 4.71	34.86 -1.38 6.88	35.38 -1.61 11.74	37.98 -2.03 23.46	58.62 -1.84 0.77	54.56 -1.57 0.00	46.30 -1.28 0.00	41.71 -1.20 0.00	38.64 -1.07 0.00	34.71 -0.96 0.00
SITHE_IND_GS2 24170	33.45 -0.96 0.00	31.60 -0.91 0.00	25.17 -0.85 4.51	25.20 -0.79 3.21	25.27 -0.78 2.94	31.32 -0.94 0.00	37.16 -1.19 0.00	38.72 -1.35 3.51	39.06 -1.25 0.00	36.71 -1.25 0.00	35.33 -1.17 0.00	35.97 -1.19 0.00	30.52 -1.24 6.81	38.20 -1.22 0.00	35.44 -1.33 4.71	34.86 -1.38 6.88	35.38 -1.61 11.74	37.98 -2.03 23.46	58.62 -1.84 0.77	54.56 -1.57 0.00	46.30 -1.28 0.00	41.71 -1.20 0.00	38.64 -1.07 0.00	34.71 -0.96 0.00
SITHE_IND_GS3 24171	33.45 -0.96 0.00	31.60 -0.91 0.00	25.17 -0.85 4.51	25.20 -0.79 3.21	25.27 -0.78 2.94	31.32 -0.94 0.00	37.16 -1.19 0.00	38.72 -1.35 3.51	39.06 -1.25 0.00	36.71 -1.25 0.00	35.33 -1.17 0.00	35.97 -1.19 0.00	30.52 -1.24 6.81	38.20 -1.22 0.00	35.44 -1.33 4.71	34.86 -1.38 6.88	35.38 -1.61 11.74	37.98 -2.03 23.46	58.62 -1.84 0.77	54.56 -1.57 0.00	46.30 -1.28 0.00	41.71 -1.20 0.00	38.64 -1.07 0.00	34.71 -0.96 0.00
SITHE_IND_GS4 24172	33.45 -0.96 0.00	31.60 -0.91 0.00	25.17 -0.85 4.51	25.20 -0.79 3.21	25.27 -0.78 2.94	31.32 -0.94 0.00	37.16 -1.19 0.00	38.72 -1.35 3.51	39.06 -1.25 0.00	36.71 -1.25 0.00	35.33 -1.17 0.00	35.97 -1.19 0.00	30.52 -1.24 6.81	38.20 -1.22 0.00	35.44 -1.33 4.71	34.86 -1.38 6.88	35.38 -1.61 11.74	37.98 -2.03 23.46	58.62 -1.84 0.77	54.56 -1.57 0.00	46.30 -1.28 0.00	41.71 -1.20 0.00	38.64 -1.07 0.00	34.71 -0.96 0.00

SITHE___BATAVIA 24024	34.42 0.00 0.00	33.00 0.49 0.00	31.15 0.27 -0.33	29.87 0.44 -0.24	29.44 0.23 -0.22	32.29 0.03 0.00	37.50 -0.84 0.00	42.17 -1.17 0.24	39.10 -1.21 0.00	36.44 -1.52 0.00	35.04 -1.46 0.00	36.00 -1.15 0.00	36.74 -1.35 0.47	38.39 -1.03 0.00	39.91 -1.24 0.33	41.13 -1.51 0.48	46.12 -1.80 0.81	59.45 -2.41 1.61	60.13 -1.04 0.05	55.74 -0.39 0.00	47.48 -0.09 0.00	42.49 -0.43 0.00	39.63 -0.08 0.00	36.35 0.68 0.00
SITHE___INDEPEND 23800	33.45 -0.96 0.00	31.63 -0.88 0.00	25.23 -0.79 4.51	25.23 -0.76 3.21	25.30 -0.75 2.94	31.36 -0.90 0.00	37.20 -1.15 0.00	38.76 -1.31 3.51	39.06 -1.25 0.00	36.78 -1.18 0.00	35.37 -1.13 0.00	35.97 -1.19 0.00	30.52 -1.23 6.81	38.20 -1.22 0.00	35.44 -1.33 4.71	34.86 -1.38 6.88	35.38 -1.61 11.74	38.05 -1.97 23.46	58.62 -1.84 0.77	54.56 -1.57 0.00	46.29 -1.28 0.00	41.71 -1.20 0.00	38.64 -1.07 0.00	34.68 -1.00 0.00
SITHE___MASSENA 23902	38.91 0.65 -3.84	38.37 0.62 -5.24	31.09 0.55 0.00	40.42 0.55 -10.67	36.06 0.58 -6.49	58.87 0.64 -25.96	76.80 0.81 -37.65	69.52 0.92 -25.02	48.32 0.85 -7.16	38.76 0.80 0.00	37.30 0.80 0.00	55.86 0.74 -17.96	50.76 0.69 -11.50	48.60 0.67 -8.51	46.15 0.58 -4.09	44.17 0.56 -0.49	72.32 0.88 -22.72	64.62 1.14 0.00	63.17 1.16 -0.79	98.59 1.01 -41.45	96.59 0.86 -48.15	70.68 0.81 -26.95	40.43 0.72 0.00	36.39 0.71 0.00
SITHE___OGDNSBRG 24021	38.63 1.10 -3.11	37.83 1.07 -4.25	31.59 0.95 -0.10	38.82 0.90 -8.72	35.30 0.99 -5.33	54.42 1.13 -21.03	70.31 1.46 -30.50	65.51 1.66 -20.27	47.53 1.41 -5.80	39.10 1.14 0.00	37.52 1.02 0.00	52.64 0.93 -14.55	48.81 0.93 -9.32	47.18 0.87 -6.90	45.58 0.79 -3.31	44.34 0.82 -0.40	68.45 1.32 -18.40	65.38 1.90 0.00	64.01 2.14 -0.64	91.72 2.02 -33.57	88.34 1.76 -39.00	66.33 1.59 -21.83	41.10 1.39 0.00	36.89 1.21 0.00
SITHE___STERLING 23777	35.27 0.69 -0.16	33.38 0.65 -0.22	31.38 0.55 -0.29	30.38 0.53 -0.67	30.04 0.58 -0.47	34.05 0.68 -1.11	40.84 0.88 -1.61	45.75 1.09 -1.07	41.47 0.85 -0.31	38.49 0.53 0.00	36.97 0.47 0.00	38.41 0.48 -0.77	39.49 0.54 -0.39	40.26 0.47 -0.36	42.04 0.46 -0.10	43.55 0.52 0.08	49.93 0.49 -0.72	64.29 0.82 0.00	62.36 1.10 -0.03	59.02 1.23 -1.66	50.65 1.14 -1.93	44.90 0.90 -1.08	40.50 0.79 0.00	36.25 0.57 0.00
SLEIGHT__34_KV_TB1 80719	34.01 -0.41 0.00	32.22 -0.29 0.00	30.75 -0.21 -0.42	29.29 -0.20 -0.30	29.09 -0.17 -0.28	31.84 -0.42 0.00	37.66 -0.69 0.00	42.55 -0.83 0.21	39.51 -0.81 0.00	37.16 -0.80 0.00	35.73 -0.77 0.00	36.30 -0.85 0.00	37.19 -0.96 0.41	38.59 -0.83 0.00	40.12 -1.08 0.28	41.54 -1.16 0.42	46.60 -1.41 0.71	60.61 -1.46 1.41	60.20 -0.98 0.05	55.51 -0.62 0.00	47.20 -0.38 0.00	42.36 -0.56 0.00	39.35 -0.36 0.00	35.18 -0.50 0.00
SMITHTWN_69_KV_BK 1 55830	36.14 1.72 0.00	33.69 1.11 -0.07	31.24 0.67 -0.03	29.66 0.47 0.00	29.39 0.41 0.00	33.04 0.77 0.00	39.88 1.53 0.00	45.28 1.70 0.00	42.79 1.85 -0.62	41.16 2.28 -0.92	40.19 2.52 -1.17	40.97 2.56 -1.25	42.57 2.55 -1.46	43.50 2.56 -1.52	46.04 2.90 -1.65	47.86 2.98 -1.76	53.34 3.07 -1.54	68.72 3.24 -2.01	65.25 2.76 -1.27	59.74 2.92 -0.70	49.20 1.47 -0.15	45.05 1.50 -0.64	41.89 2.18 0.00	37.78 2.10 0.00
SOUTH CAIRO___GT 23612	35.35 0.93 0.00	33.36 0.88 0.02	31.23 0.70 0.01	29.86 0.67 0.00	29.65 0.67 0.00	33.13 0.87 0.00	39.42 1.07 0.00	44.63 1.05 0.00	40.86 0.73 0.18	38.11 0.42 0.26	36.42 0.26 0.33	37.02 0.22 0.36	38.38 0.23 0.42	38.99 0.00 0.43	41.30 0.29 0.47	43.09 0.47 0.50	49.16 0.88 0.44	64.36 1.46 0.57	62.64 1.78 0.36	57.67 1.74 0.20	48.82 1.28 0.04	43.81 1.07 0.18	39.99 0.28 0.00	36.39 0.71 0.00
SOUTH HAMPTN___IC 23720	36.00 1.58 0.00	33.46 0.88 -0.07	31.15 0.58 -0.03	29.49 0.29 0.00	29.22 0.23 0.00	32.91 0.64 0.00	39.73 1.38 0.00	44.72 1.13 0.00	42.71 1.77 -0.62	41.20 2.32 -0.92	40.30 2.63 -1.17	41.08 2.68 -1.25	42.88 2.85 -1.46	43.73 2.80 -1.52	45.41 2.28 -1.65	47.81 2.93 -1.76	53.39 3.12 -1.54	68.82 3.43 -1.92	65.68 3.24 -1.21	60.05 3.25 -0.67	49.38 1.66 -0.14	45.33 1.80 -0.61	42.07 2.34 -0.02	37.57 1.89 0.00
SOUTHDOW_115KV_TB1 355954	34.45 0.03 0.00	32.93 0.42 0.00	31.38 0.49 -0.35	30.00 0.55 -0.25	29.77 0.55 -0.23	32.39 0.13 0.00	38.27 -0.08 0.00	42.77 -0.61 0.20	39.79 -0.52 0.00	37.35 -0.61 0.00	35.99 -0.51 0.00	36.52 -0.63 0.00	37.78 -0.39 0.40	39.18 -0.24 0.00	40.87 -0.33 0.28	41.85 -0.86 0.40	46.85 -1.22 0.66	60.84 -1.27 1.36	60.63 -0.55 0.04	55.79 -0.34 0.00	47.86 0.29 0.00	42.74 -0.17 0.00	39.99 0.28 0.00	35.53 -0.14 0.00
SOUTHOLD_69_KV_BK 2 55809	36.24 1.82 0.00	33.66 1.07 -0.07	31.15 0.58 -0.03	29.57 0.38 0.00	29.31 0.32 0.00	33.04 0.77 0.00	39.88 1.53 0.00	45.46 1.87 0.00	43.07 2.14 -0.62	41.54 2.66 -0.92	40.70 3.03 -1.17	41.64 3.23 -1.25	43.49 3.47 -1.46	43.50 2.56 -1.52	45.99 2.86 -1.65	47.81 2.93 -1.76	53.24 2.97 -1.54	68.53 3.05 -2.01	66.66 4.16 -1.27	61.03 4.21 -0.70	50.10 2.38 -0.15	45.66 2.10 -0.64	41.97 2.26 0.00	37.85 2.18 0.00
SOUTHOLD___IC 23719	36.21 1.79 0.00	33.59 1.01 -0.07	31.24 0.67 -0.03	29.57 0.38 0.00	29.31 0.32 0.00	33.07 0.81 0.00	39.92 1.57 0.00	44.98 1.39 0.00	43.07 2.14 -0.62	41.58 2.70 -0.92	40.77 3.10 -1.17	41.67 3.27 -1.25	43.61 3.59 -1.46	43.62 2.68 -1.52	45.29 2.16 -1.65	47.77 2.89 -1.76	53.24 2.97 -1.54	68.51 3.11 -1.92	66.66 4.22 -1.21	61.01 4.21 -0.67	50.14 2.43 -0.14	45.80 2.27 -0.61	42.27 2.54 -0.02	37.78 2.10 0.00
SOUTH_FORK_WT_PWR 323839	36.04 1.62 0.00	33.40 0.81 -0.07	31.03 0.46 -0.03	29.37 0.18 0.00	29.10 0.12 0.00	32.87 0.61 0.00	39.65 1.30 0.00	44.76 1.18 0.00	42.87 1.93 -0.62	41.46 2.58 -0.92	40.74 3.07 -1.17	41.67 3.27 -1.25	43.65 3.62 -1.46	44.09 3.15 -1.52	45.75 2.61 -1.65	48.16 3.28 -1.76	53.63 3.36 -1.54	68.88 3.49 -1.92	66.30 3.86 -1.21	60.78 3.99 -0.67	49.95 2.24 -0.14	45.58 2.06 -0.61	41.91 2.18 -0.02	37.49 1.82 0.00
SPIERFLS_115KV_TB 1 80737	35.18 0.76 0.00	32.99 0.55 0.08	31.09 0.58 0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.07 0.81 0.00	39.19 0.84 0.00	44.32 0.74 0.00	39.81 0.12 0.63	36.76 -0.27 0.93	34.92 -0.40 1.18	35.49 -0.41 1.25	36.52 -0.58 1.47	37.46 -0.43 1.52	39.48 -0.33 1.67	41.26 -0.09 1.78	47.90 0.73 1.56	62.40 0.95 2.03	61.06 1.10 1.27	56.49 1.07 0.70	48.04 0.62 0.15	42.96 0.69 0.64	40.19 0.48 0.00	36.00 0.32 0.00
ST LAWRENCE____ 23600	34.26 0.17 0.33	32.26 0.20 0.45	30.69 0.15 0.00	28.43 0.15 0.91	28.61 0.17 0.55	30.53 0.23 1.96	35.77 0.27 2.84	42.00 0.31 1.89	40.02 0.32 0.61	38.26 0.30 0.00	36.79 0.29 0.00	35.97 0.22 1.41	37.85 0.23 0.94	38.89 0.20 0.73	41.21 0.08 0.35	43.12 0.04 0.04	47.14 0.20 1.79	63.73 0.25 0.00	61.47 0.31 0.07	53.22 0.23 3.14	44.13 0.19 3.64	41.09 0.22 2.04	39.91 0.20 0.00	35.89 0.22 0.00

STATE_CA_115KV_115_LB 55624	34.52 0.10 0.00	32.39 -0.07 0.06	30.45 -0.06 0.02	29.16 -0.03 0.00	28.99 0.00 0.00	32.36 0.10 0.00	38.39 0.04 0.00	43.71 0.13 0.00	39.91 0.08 0.48	37.25 0.00 0.71	35.60 0.00 0.90	36.24 0.04 0.96	37.41 -0.04 1.12	38.14 -0.12 1.16	40.25 0.04 1.27	41.85 0.09 1.36	47.73 0.19 1.19	62.05 0.13 1.55	60.25 0.00 0.97	55.48 -0.11 0.54	47.22 -0.24 0.12	42.30 -0.13 0.49	39.43 -0.28 0.00	35.64 -0.04 0.00
STATE_ST_34_KV_LOAD 55959	34.47 0.00 -0.05	32.64 0.07 -0.07	31.41 0.12 -0.75	29.99 0.12 -0.68	29.65 0.09 -0.58	32.61 0.00 -0.35	38.86 0.00 -0.51	43.88 -0.04 -0.34	40.33 -0.08 -0.10	37.73 -0.23 0.00	36.32 -0.18 0.00	37.14 -0.26 -0.24	38.49 -0.23 -0.16	39.38 -0.16 -0.12	41.24 -0.29 -0.06	42.82 -0.30 -0.01	48.66 -0.39 -0.32	63.34 -0.13 0.00	61.42 0.18 -0.01	57.05 0.34 -0.58	48.68 0.43 -0.68	43.47 0.17 -0.38	39.95 0.24 0.00	35.71 0.04 0.00
STATION_5_MISC_HYD 23604	34.14 -0.28 0.00	32.38 -0.13 0.00	30.62 -0.25 -0.32	29.39 -0.03 -0.23	29.05 -0.14 -0.21	31.84 -0.42 0.00	37.47 -0.88 0.00	42.23 -1.09 0.26	39.26 -1.05 0.00	36.78 -1.18 0.00	35.41 -1.09 0.00	36.26 -0.89 0.00	37.01 -1.04 0.51	38.59 -0.83 0.00	40.09 -1.04 0.36	41.44 -1.16 0.52	46.43 -1.41 0.89	59.94 -1.78 1.76	60.13 -1.04 0.06	55.57 -0.56 0.00	47.25 -0.33 0.00	42.36 -0.56 0.00	39.39 -0.32 0.00	35.61 -0.07 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.07 0.65 0.00	33.22 0.72 0.00	31.91 0.76 -0.61	30.35 0.73 -0.43	30.14 0.75 -0.39	32.91 0.65 0.00	38.96 0.61 0.00	44.15 0.65 0.09	40.80 0.48 0.00	38.26 0.30 0.00	36.76 0.26 0.00	37.34 0.19 0.00	38.51 0.12 0.17	39.74 0.32 0.00	41.45 0.08 0.12	43.08 0.13 0.17	48.52 0.10 0.31	63.59 0.70 0.58	62.55 1.35 0.02	57.70 1.57 0.00	49.01 1.43 0.00	43.86 0.94 0.00	40.78 1.07 0.00	36.35 0.68 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.01 -0.41 0.00	32.31 -0.20 0.00	30.71 -0.15 -0.33	29.28 -0.15 -0.23	29.11 -0.09 -0.21	31.81 -0.45 0.00	37.51 -0.84 0.00	42.27 -1.05 0.26	39.30 -1.01 0.00	37.05 -0.91 0.00	35.59 -0.91 0.00	36.15 -1.00 0.00	36.89 -1.16 0.51	38.43 -0.99 0.00	39.92 -1.20 0.36	41.26 -1.34 0.52	46.23 -1.61 0.89	59.94 -1.78 1.76	60.01 -1.16 0.06	55.29 -0.84 0.00	47.05 -0.52 0.00	42.23 -0.69 0.00	39.35 -0.36 0.00	35.18 -0.50 0.00
STA_56___34_KV_BUS2 355983	34.01 -0.41 0.00	32.31 -0.20 0.00	30.71 -0.15 -0.33	29.28 -0.15 -0.23	29.11 -0.09 -0.21	31.81 -0.45 0.00	37.51 -0.84 0.00	42.27 -1.05 0.26	39.30 -1.01 0.00	37.05 -0.91 0.00	35.59 -0.91 0.00	36.15 -1.00 0.00	36.89 -1.16 0.51	38.43 -0.99 0.00	39.92 -1.20 0.36	41.26 -1.34 0.52	46.23 -1.61 0.89	59.94 -1.78 1.76	60.01 -1.16 0.06	55.29 -0.84 0.00	47.05 -0.52 0.00	42.23 -0.69 0.00	39.35 -0.36 0.00	35.18 -0.50 0.00
STA_67___115KV_BK2 355882	34.11 -0.31 0.00	32.44 -0.07 0.00	30.86 0.00 -0.32	29.42 0.00 -0.23	29.23 0.03 -0.21	31.94 -0.32 0.00	37.66 -0.69 0.00	42.36 -0.96 0.26	39.43 -0.89 0.00	37.12 -0.84 0.00	35.66 -0.84 0.00	36.23 -0.93 0.00	37.01 -1.04 0.51	38.55 -0.87 0.00	40.04 -1.08 0.36	41.35 -1.25 0.52	46.33 -1.51 0.89	60.06 -1.65 1.76	60.13 -1.04 0.06	55.45 -0.67 0.00	47.24 -0.33 0.00	42.36 -0.56 0.00	39.47 -0.24 0.00	35.32 -0.36 0.00
STA_7___115KV_9TRANS 80674	34.42 0.00 0.00	32.74 0.23 0.00	31.11 0.24 -0.32	29.66 0.23 -0.23	29.49 0.29 -0.21	32.20 -0.06 0.00	37.97 -0.38 0.00	42.75 -0.57 0.26	39.79 -0.52 0.00	37.46 -0.49 0.00	35.95 -0.55 0.00	36.56 -0.59 0.00	37.28 -0.77 0.51	38.87 -0.55 0.00	40.34 -0.79 0.36	41.61 -0.99 0.52	46.62 -1.22 0.89	60.51 -1.21 1.76	60.62 -0.55 0.06	55.90 -0.22 0.00	47.58 0.00 0.00	42.66 -0.26 0.00	39.75 0.04 0.00	35.53 -0.14 0.00
STA_82___115KV_TB1 80780	34.14 -0.28 0.00	32.44 -0.07 0.00	30.87 0.00 -0.33	29.43 0.00 -0.23	29.26 0.06 -0.21	31.94 -0.32 0.00	37.66 -0.69 0.00	42.37 -0.96 0.26	39.43 -0.89 0.00	37.12 -0.84 0.00	35.66 -0.84 0.00	36.23 -0.93 0.00	37.02 -1.04 0.51	38.55 -0.87 0.00	40.05 -1.08 0.35	41.40 -1.21 0.51	46.34 -1.51 0.87	60.09 -1.65 1.73	60.19 -0.98 0.06	55.45 -0.67 0.00	47.24 -0.33 0.00	42.40 -0.51 0.00	39.51 -0.20 0.00	35.32 -0.36 0.00
STEEL___WIND 323596	33.56 -0.86 0.00	32.05 -0.46 0.00	30.27 -0.61 -0.34	29.24 -0.20 -0.25	28.75 -0.46 -0.22	31.32 -0.94 0.00	36.51 -1.84 0.00	40.75 -2.61 0.22	38.06 -2.26 0.00	35.38 -2.58 0.00	34.20 -2.30 0.00	35.19 -1.97 0.00	36.18 -1.97 0.42	37.69 -1.73 0.00	39.32 -1.87 0.29	40.41 -2.29 0.42	45.09 -2.92 0.72	57.84 -4.19 1.44	58.12 -3.06 0.05	53.82 -2.30 0.00	46.15 -1.43 0.00	41.28 -1.63 0.00	38.56 -1.15 0.00	35.46 -0.21 0.00
STEPHTWN_115KV_BK_2 55603	34.66 0.24 0.00	32.52 0.07 0.06	30.58 0.06 0.02	29.28 0.09 0.00	29.10 0.12 0.00	32.52 0.26 0.00	38.58 0.23 0.00	43.93 0.35 0.00	40.09 0.24 0.46	37.43 0.15 0.68	35.74 0.11 0.87	36.35 0.11 0.92	37.56 0.08 1.08	38.26 -0.04 1.12	40.38 0.12 1.22	42.03 0.22 1.31	47.97 0.39 1.14	62.43 0.44 1.49	60.60 0.31 0.94	55.78 0.17 0.51	47.46 0.00 0.11	42.53 0.09 0.47	39.59 -0.12 0.00	35.78 0.11 0.00
STEBEN_REC_LFGE 323667	34.49 0.07 0.00	32.80 0.29 0.00	31.45 0.46 -0.46	30.01 0.50 -0.32	29.75 0.46 -0.30	32.45 0.19 0.00	38.39 0.04 0.00	43.13 -0.35 0.11	40.03 -0.28 0.00	37.43 -0.53 0.00	35.95 -0.55 0.00	36.34 -0.82 0.00	37.62 -0.73 0.21	38.87 -0.55 0.00	40.55 -0.79 0.14	42.00 -0.91 0.21	47.11 -1.22 0.40	61.80 -0.95 0.71	61.14 -0.06 0.02	56.52 0.39 0.00	48.34 0.76 0.00	43.17 0.26 0.00	40.23 0.52 0.00	35.89 0.21 0.00
STILLWATER___SOLAR 323814	35.35 0.93 0.00	33.18 0.75 0.08	31.27 0.76 0.03	29.92 0.73 0.00	29.62 0.64 0.00	33.20 0.94 0.00	39.42 1.07 0.00	44.72 1.13 0.00	40.35 0.68 0.65	37.45 0.46 0.96	35.54 0.26 1.22	36.12 0.26 1.30	37.28 0.23 1.52	38.12 0.28 1.58	40.17 0.41 1.73	41.88 0.60 1.84	48.28 1.17 1.61	63.03 1.59 2.02	61.54 1.59 1.27	56.88 1.46 0.70	48.52 1.10 0.15	43.35 1.07 0.64	40.57 0.87 0.02	36.35 0.68 0.00
STONY___BROOK 24151	36.10 1.69 0.00	33.62 1.04 -0.07	31.30 0.73 -0.03	29.66 0.47 0.00	29.36 0.38 0.00	33.07 0.81 0.00	39.92 1.57 0.00	44.80 1.22 0.00	42.79 1.86 -0.62	41.20 2.32 -0.92	40.23 2.55 -1.17	40.96 2.56 -1.25	42.68 2.66 -1.46	43.65 2.72 -1.52	45.33 2.20 -1.65	47.73 2.85 -1.76	53.29 3.02 -1.54	68.51 3.11 -1.92	65.13 2.69 -1.21	59.71 2.92 -0.67	49.19 1.48 -0.14	45.20 1.67 -0.61	42.19 2.46 -0.02	37.71 2.03 0.00
STURGEON_POOL_HYD 23609	35.52 1.10 0.00	33.46 0.91 -0.04	31.20 0.64 -0.02	29.78 0.58 0.00	29.51 0.52 0.00	33.00 0.74 0.00	39.65 1.30 0.00	45.02 1.44 0.00	42.20 1.53 -0.35	40.19 1.71 -0.52	38.84 1.68 -0.66	39.68 1.82 -0.71	41.36 1.97 -0.83	42.37 2.09 -0.86	44.86 2.45 -0.94	46.70 2.59 -1.00	52.43 2.83 -0.88	67.97 3.36 -1.14	64.94 3.00 -0.72	59.10 2.58 -0.39	49.76 2.09 -0.09	45.08 1.80 -0.36	41.18 1.47 0.00	37.00 1.32 0.00

ST_LAW_115_BK7_LBMP 345037	34.22 0.21 0.40	32.15 0.20 0.55	30.72 0.18 0.00	28.25 0.18 1.12	28.51 0.20 0.68	29.79 0.26 2.73	34.70 0.31 3.96	41.30 0.35 2.63	39.92 0.36 0.75	38.30 0.34 0.00	36.83 0.33 0.00	35.53 0.26 1.89	37.59 0.23 1.21	38.72 0.20 0.90	41.13 0.08 0.43	43.11 0.04 0.05	46.58 0.24 2.39	63.79 0.32 0.00	61.51 0.37 0.08	52.05 0.28 4.36	42.75 0.24 5.07	40.34 0.26 2.84	39.91 0.20 0.00	35.93 0.25 0.00
ST_LAW_115_BK8_LBMP 345038	34.22 0.21 0.40	32.15 0.20 0.55	30.72 0.18 0.00	28.25 0.18 1.12	28.51 0.20 0.68	29.79 0.26 2.73	34.70 0.31 3.96	41.30 0.35 2.63	39.92 0.36 0.75	38.30 0.34 0.00	36.83 0.33 0.00	35.53 0.26 1.89	37.59 0.23 1.21	38.72 0.20 0.90	41.13 0.08 0.43	43.11 0.04 0.05	46.58 0.24 2.39	63.79 0.32 0.00	61.51 0.37 0.08	52.05 0.28 4.36	42.75 0.24 5.07	40.34 0.26 2.84	39.91 0.20 0.00	35.93 0.25 0.00
ST_LAW_230_BK5_LBMP 345035	34.35 0.17 0.24	32.38 0.20 0.32	30.69 0.15 0.00	28.68 0.15 0.66	28.76 0.17 0.40	30.89 0.23 1.60	36.30 0.27 2.32	42.35 0.31 1.54	40.19 0.32 0.44	38.26 0.30 0.00	36.79 0.29 0.00	36.27 0.22 1.11	38.09 0.23 0.71	39.09 0.20 0.52	41.31 0.08 0.25	43.13 0.04 0.03	47.52 0.20 1.40	63.73 0.25 0.00	61.49 0.31 0.05	53.79 0.23 2.56	44.80 0.19 2.97	41.47 0.22 1.66	39.91 0.20 0.00	35.89 0.22 0.00
ST_LAW_230_BK6_LBMP 345036	34.35 0.17 0.24	32.38 0.20 0.32	30.69 0.15 0.00	28.68 0.15 0.66	28.76 0.17 0.40	30.89 0.23 1.60	36.30 0.27 2.32	42.35 0.31 1.54	40.19 0.32 0.44	38.26 0.30 0.00	36.79 0.29 0.00	36.27 0.22 1.11	38.09 0.23 0.71	39.09 0.20 0.52	41.31 0.08 0.25	43.13 0.04 0.03	47.52 0.20 1.40	63.73 0.25 0.00	61.49 0.31 0.05	53.79 0.23 2.56	44.80 0.19 2.97	41.47 0.22 1.66	39.91 0.20 0.00	35.89 0.22 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.24 0.83 0.00	33.16 0.59 -0.06	31.02 0.46 -0.03	29.60 0.41 0.00	29.31 0.32 0.00	32.81 0.55 0.00	39.35 1.00 0.00	44.76 1.18 0.00	42.01 1.17 -0.53	40.03 1.29 -0.78	38.84 1.35 -0.99	39.70 1.49 -1.06	41.42 1.62 -1.24	42.40 1.70 -1.28	44.87 1.99 -1.40	46.73 2.11 -1.50	52.28 2.24 -1.31	67.84 2.67 -1.71	64.63 2.33 -1.07	58.63 1.91 -0.59	49.23 1.52 -0.13	44.79 1.33 -0.54	40.90 1.19 0.00	36.68 1.00 0.00
SWANROAD_115KV_TB1 355699	32.94 -1.48 0.00	31.63 -0.88 0.00	30.26 -0.61 -0.34	28.82 -0.61 -0.24	28.66 -0.55 -0.22	30.87 -1.39 0.00	36.24 -2.11 0.00	39.95 -3.40 0.23	37.37 -2.94 0.00	35.26 -2.70 0.00	33.91 -2.59 0.00	34.26 -2.90 0.00	35.19 -2.93 0.45	36.66 -2.76 0.00	38.18 -2.99 0.31	39.17 -3.49 0.45	43.67 -4.29 0.77	56.23 -5.71 1.53	56.52 -4.65 0.05	52.20 -3.93 0.00	45.01 -2.57 0.00	40.34 -2.57 0.00	37.92 -1.79 0.00	34.78 -0.89 0.00
SYNERGY___BIOGAS 323694	34.52 0.10 0.00	33.03 0.52 0.00	31.45 0.58 -0.33	29.99 0.55 -0.24	29.84 0.64 -0.22	32.36 0.10 0.00	38.00 -0.35 0.00	42.51 -0.83 0.24	39.51 -0.81 0.00	37.12 -0.84 0.00	35.59 -0.91 0.00	36.08 -1.08 0.00	36.86 -1.23 0.47	38.47 -0.95 0.00	39.91 -1.24 0.33	41.13 -1.51 0.48	46.11 -1.80 0.81	59.96 -1.90 1.61	60.38 -0.80 0.05	55.73 -0.39 0.00	47.67 0.10 0.00	42.61 -0.30 0.00	39.91 0.20 0.00	35.96 0.29 0.00
SYRACUSE___ENERGY_ST1 323597	34.31 -0.17 -0.06	32.47 -0.13 -0.09	31.30 -0.06 -0.82	29.90 -0.06 -0.76	29.55 -0.09 -0.64	32.50 -0.19 -0.44	38.71 -0.27 -0.63	43.66 -0.35 -0.42	40.11 -0.32 -0.12	37.58 -0.38 0.00	36.17 -0.33 0.00	37.09 -0.37 -0.30	38.37 -0.39 -0.19	39.21 -0.35 -0.14	41.09 -0.46 -0.07	42.65 -0.47 -0.01	48.48 -0.63 -0.38	62.84 -0.63 0.00	60.81 -0.43 -0.01	56.60 -0.22 -0.70	48.29 -0.10 -0.81	43.16 -0.21 -0.45	39.59 -0.12 0.00	35.46 -0.21 0.00
SYRACUSE___ENERGY_ST2 323598	34.31 -0.17 -0.06	32.47 -0.13 -0.09	31.30 -0.06 -0.82	29.90 -0.06 -0.76	29.55 -0.09 -0.64	32.50 -0.19 -0.44	38.71 -0.27 -0.63	43.66 -0.35 -0.42	40.11 -0.32 -0.12	37.58 -0.38 0.00	36.17 -0.33 0.00	37.09 -0.37 -0.30	38.37 -0.39 -0.19	39.21 -0.35 -0.14	41.09 -0.46 -0.07	42.65 -0.47 -0.01	48.48 -0.63 -0.38	62.84 -0.63 0.00	60.81 -0.43 -0.01	56.60 -0.22 -0.70	48.29 -0.10 -0.81	43.16 -0.21 -0.45	39.59 -0.12 0.00	35.46 -0.21 0.00
SYRACUSE___POWER 24017	34.21 -0.28 -0.07	32.38 -0.23 -0.10	31.02 -0.18 -0.66	29.68 -0.18 -0.66	29.33 -0.20 -0.55	32.41 -0.32 -0.47	38.58 -0.46 -0.69	43.44 -0.52 -0.38	39.92 -0.52 -0.13	37.43 -0.53 0.00	36.03 -0.47 0.00	36.96 -0.52 -0.33	38.08 -0.54 -0.05	39.06 -0.51 -0.16	40.82 -0.62 0.04	42.36 -0.60 0.15	48.18 -0.68 -0.13	62.21 -0.76 0.50	60.67 -0.55 0.00	56.53 -0.34 -0.74	48.25 -0.19 -0.86	43.10 -0.30 -0.48	39.47 -0.24 0.00	35.36 -0.32 0.00
TALLMAN_138KV_BK151 55660	35.38 0.96 0.00	33.26 0.68 -0.07	31.09 0.52 -0.03	29.66 0.47 0.00	29.36 0.38 0.00	32.91 0.65 0.00	39.58 1.23 0.00	44.98 1.39 0.00	42.32 1.45 -0.56	40.42 1.63 -0.83	39.23 1.68 -1.05	40.13 1.86 -1.12	41.88 2.01 -1.31	42.91 2.13 -1.36	45.41 2.45 -1.49	47.25 2.54 -1.59	52.85 2.73 -1.39	68.58 3.30 -1.81	65.24 2.88 -1.14	59.11 2.36 -0.62	49.52 1.81 -0.14	45.12 1.63 -0.57	41.22 1.51 0.00	36.89 1.21 0.00
TEALLAVE_115KV_TB7 355573	34.22 -0.28 -0.08	32.39 -0.23 -0.11	30.95 -0.18 -0.59	29.66 -0.18 -0.64	29.33 -0.17 -0.52	32.48 -0.32 -0.54	38.64 -0.50 -0.79	43.44 -0.57 -0.43	39.90 -0.56 -0.15	37.39 -0.57 0.00	35.99 -0.51 0.00	36.97 -0.56 -0.37	38.02 -0.58 -0.04	39.08 -0.51 -0.18	40.76 -0.66 0.06	42.28 -0.65 0.20	47.94 -0.88 -0.08	61.82 -1.02 0.63	60.43 -0.80 0.00	56.41 -0.56 -0.84	48.13 -0.43 -0.98	42.99 -0.47 -0.55	39.35 -0.36 0.00	35.25 -0.43 0.00
TELGRAPH_34_KV_EAST 80808	33.83 -0.59 0.00	32.38 -0.13 0.00	30.90 0.03 -0.34	29.46 0.03 -0.24	29.29 0.09 -0.22	31.71 -0.55 0.00	37.20 -1.15 0.00	41.43 -1.92 0.24	38.62 -1.69 0.00	36.36 -1.59 0.00	34.93 -1.57 0.00	35.37 -1.78 0.00	36.25 -1.85 0.46	37.80 -1.62 0.00	39.29 -1.87 0.32	40.45 -2.20 0.47	45.15 -2.78 0.80	58.46 -3.43 1.59	58.73 -2.45 0.05	54.22 -1.91 0.00	46.53 -1.05 0.00	41.67 -1.24 0.00	39.04 -0.68 0.00	35.36 -0.32 0.00
TEMPLE___115KV_TB 2 55572	34.22 -0.28 -0.08	32.39 -0.23 -0.11	30.95 -0.18 -0.59	29.66 -0.18 -0.64	29.33 -0.17 -0.52	32.47 -0.32 -0.53	38.62 -0.50 -0.77	43.43 -0.57 -0.41	39.89 -0.56 -0.14	37.39 -0.57 0.00	35.99 -0.51 0.00	36.96 -0.56 -0.36	38.01 -0.58 -0.02	39.08 -0.51 -0.17	40.80 -0.62 0.06	42.27 -0.65 0.20	47.97 -0.83 -0.07	61.87 -0.95 0.65	60.42 -0.80 0.01	56.39 -0.56 -0.82	48.15 -0.38 -0.96	43.02 -0.43 -0.54	39.35 -0.36 0.00	35.25 -0.43 0.00
TIANA___69_KV_BK 1 55817	36.00 1.58 0.00	33.49 0.91 -0.07	31.06 0.49 -0.03	29.49 0.29 0.00	29.19 0.20 0.00	32.87 0.61 0.00	39.69 1.34 0.00	45.11 1.53 0.00	42.67 1.73 -0.62	41.05 2.16 -0.92	40.12 2.45 -1.17	40.93 2.53 -1.25	42.65 2.62 -1.46	43.50 2.56 -1.52	45.99 2.86 -1.65	47.77 2.89 -1.76	53.24 2.97 -1.54	68.72 3.24 -2.01	65.55 3.06 -1.27	59.91 3.09 -0.70	49.25 1.52 -0.15	45.05 1.50 -0.64	41.74 2.03 0.00	37.64 1.96 0.00

TILDEN___115KV_TB1 80814	34.21 -0.28 -0.07	32.38 -0.23 -0.10	31.02 -0.18 -0.66	29.68 -0.18 -0.66	29.33 -0.20 -0.55	32.41 -0.32 -0.47	38.58 -0.46 -0.69	43.44 -0.52 -0.38	39.92 -0.52 -0.13	37.43 -0.53 0.00	36.03 -0.47 0.00	36.96 -0.52 -0.33	38.08 -0.54 -0.05	39.06 -0.51 -0.16	40.82 -0.62 0.04	42.36 -0.60 0.15	48.18 -0.68 -0.13	62.21 -0.76 0.50	60.67 -0.55 0.00	56.53 -0.34 -0.74	48.25 -0.19 -0.86	43.10 -0.30 -0.48	39.47 -0.24 0.00	35.36 -0.32 0.00
TRIGEN___CC 323695	35.97 1.55 0.00	33.62 1.04 -0.07	31.27 0.70 -0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.07 0.81 0.00	39.84 1.50 0.00	45.20 1.61 0.00	42.71 1.77 -0.62	41.01 2.13 -0.92	39.97 2.30 -1.17	40.86 2.45 -1.25	42.49 2.47 -1.46	43.46 2.52 -1.52	46.12 2.99 -1.65	47.94 3.06 -1.76	53.29 3.02 -1.54	68.91 3.43 -2.01	65.37 2.88 -1.27	59.46 2.64 -0.70	49.25 1.52 -0.15	45.05 1.50 -0.64	41.70 1.99 0.00	37.53 1.86 0.00
TRINITY___115KV___4 BK 55933	34.42 0.00 0.00	32.29 -0.16 0.06	30.36 -0.15 0.02	29.08 -0.12 0.00	28.90 -0.09 0.00	32.26 0.00 0.00	38.27 -0.08 0.00	43.58 0.00 0.00	39.81 -0.04 0.46	37.23 -0.04 0.69	35.55 -0.07 0.87	36.19 -0.04 0.93	37.40 -0.08 1.09	38.09 -0.20 1.13	40.25 0.00 1.23	41.80 0.00 1.32	47.62 0.05 1.15	61.91 -0.06 1.50	60.04 -0.24 0.94	55.27 -0.34 0.52	47.08 -0.38 0.11	42.18 -0.26 0.48	39.31 -0.40 0.00	35.53 -0.14 0.00
UNION___PROCESSING_DRP 323587	34.14 -0.28 0.00	32.48 -0.03 0.00	30.90 0.03 -0.33	29.43 0.00 -0.24	29.26 0.06 -0.22	31.97 -0.29 0.00	37.66 -0.69 0.00	42.41 -0.92 0.26	39.47 -0.85 0.00	37.16 -0.80 0.00	35.70 -0.80 0.00	36.23 -0.93 0.00	37.02 -1.04 0.50	38.59 -0.83 0.00	40.05 -1.08 0.35	41.40 -1.21 0.51	46.40 -1.46 0.87	60.16 -1.59 1.72	60.19 -0.98 0.06	55.51 -0.62 0.00	47.24 -0.33 0.00	42.40 -0.51 0.00	39.51 -0.20 0.00	35.32 -0.36 0.00
UPPER HUDSON___HYD 24058	35.14 0.72 0.00	32.99 0.55 0.08	31.15 0.64 0.03	29.78 0.58 0.00	29.45 0.46 0.00	33.10 0.84 0.00	39.23 0.88 0.00	44.37 0.79 0.00	39.85 0.16 0.63	36.84 -0.19 0.93	34.89 -0.44 1.18	35.50 -0.41 1.25	36.56 -0.54 1.47	37.46 -0.43 1.52	39.48 -0.33 1.67	41.26 -0.09 1.78	47.90 0.73 1.56	62.66 1.01 1.82	61.18 1.10 1.14	56.56 1.06 0.63	48.10 0.67 0.14	43.02 0.68 0.58	40.21 0.51 0.02	36.03 0.36 0.00
UPPER RAQUET___HYD 24056	37.86 0.79 -2.65	36.90 0.78 -3.62	31.34 0.67 -0.13	37.32 0.67 -7.45	34.27 0.72 -4.56	51.00 0.84 -17.90	65.38 1.07 -25.96	62.10 1.26 -17.25	46.38 1.13 -4.94	38.94 0.99 0.00	37.41 0.91 0.00	50.40 0.86 -12.39	47.30 0.81 -7.93	46.04 0.75 -5.87	44.96 0.66 -2.82	44.06 0.60 -0.34	65.36 0.97 -15.66	64.87 1.39 0.00	63.23 1.47 -0.54	86.10 1.40 -28.57	81.96 1.19 -33.19	62.61 1.11 -18.58	40.70 0.99 0.00	36.57 0.89 0.00
VALLEY44_115KV_TB2 355964	33.14 -1.27 0.00	31.60 -0.91 0.00	30.19 -0.70 -0.35	28.80 -0.64 -0.25	28.52 -0.70 -0.23	31.07 -1.19 0.00	36.81 -1.53 0.00	40.99 -2.40 0.20	38.18 -2.14 0.00	35.83 -2.13 0.00	34.53 -1.97 0.00	35.11 -2.04 0.00	36.36 -1.81 0.39	37.76 -1.66 0.00	39.42 -1.78 0.27	40.44 -2.29 0.40	45.30 -2.78 0.65	58.77 -3.36 1.34	58.61 -2.57 0.04	53.88 -2.25 0.00	46.29 -1.28 0.00	41.28 -1.63 0.00	38.60 -1.11 0.00	34.53 -1.14 0.00
VALLEY___115KV_TB 1-4 80826	34.48 0.00 -0.06	32.63 0.03 -0.09	30.54 0.00 0.00	29.34 -0.03 -0.18	29.09 0.00 -0.11	32.69 0.00 -0.43	39.05 0.08 -0.62	44.08 0.09 -0.41	40.51 0.08 -0.12	37.92 -0.04 0.00	36.43 -0.07 0.00	37.38 -0.07 -0.30	38.68 -0.08 -0.19	39.40 -0.16 -0.14	41.38 -0.17 -0.07	43.00 -0.13 -0.01	48.95 -0.15 -0.37	63.28 -0.19 0.00	61.12 -0.12 -0.01	56.74 -0.06 -0.67	48.31 -0.05 -0.78	43.39 0.04 -0.43	39.75 0.04 0.00	35.68 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.35 0.93 0.00	33.55 1.04 0.00	31.70 0.95 -0.22	30.22 0.88 -0.15	30.03 0.90 -0.14	33.23 0.97 0.00	39.54 1.19 0.00	44.94 1.35 0.00	41.52 1.21 0.00	38.95 0.99 0.00	37.38 0.88 0.00	38.05 0.89 0.00	39.61 1.04 0.00	40.41 0.99 0.00	42.52 1.04 0.00	44.28 1.16 0.00	50.14 1.41 0.00	65.50 2.03 0.00	63.37 2.14 0.00	58.26 2.13 0.00	49.48 1.90 0.00	44.59 1.67 0.00	41.22 1.51 0.00	36.85 1.18 0.00
VISCHER___FERRY HYD 24020	35.00 0.58 0.00	32.84 0.42 0.09	30.93 0.43 0.04	29.57 0.38 0.00	29.34 0.35 0.00	32.81 0.55 0.00	39.04 0.69 0.00	44.37 0.79 0.00	40.15 0.61 0.77	37.39 0.57 1.14	35.49 0.44 1.45	36.09 0.48 1.54	37.22 0.46 1.81	38.02 0.47 1.88	40.05 0.62 2.05	41.66 0.73 2.19	47.79 0.97 1.92	62.25 1.27 2.49	60.76 1.10 1.57	56.16 0.90 0.86	48.05 0.67 0.19	42.81 0.68 0.79	40.17 0.48 0.02	36.11 0.43 0.00
V_A_10_SYNC_DSASP 323832	33.49 -0.93 0.00	32.02 -0.49 0.00	30.55 -0.31 -0.32	29.10 -0.32 -0.23	28.93 -0.26 -0.21	31.33 -0.94 0.00	36.66 -1.69 0.00	40.81 -2.53 0.25	38.18 -2.14 0.00	35.98 -1.97 0.00	34.60 -1.90 0.00	35.04 -2.12 0.00	35.92 -2.16 0.48	37.45 -1.97 0.00	38.99 -2.16 0.33	40.09 -2.54 0.49	44.68 -3.22 0.83	57.70 -4.13 1.65	57.87 -3.31 0.05	53.38 -2.75 0.00	45.91 -1.67 0.00	41.16 -1.76 0.00	38.56 -1.15 0.00	34.71 -0.96 0.00
V_CMM_10_SYNC_DSASP 323787	34.36 0.34 0.40	32.31 0.36 0.55	30.84 0.31 0.00	28.39 0.32 1.12	28.62 0.32 0.68	29.92 0.39 2.73	34.85 0.46 3.96	41.48 0.52 2.63	40.08 0.52 0.75	38.45 0.49 0.00	36.98 0.47 0.00	35.68 0.41 1.89	37.74 0.39 1.21	38.88 0.35 0.90	41.30 0.25 0.43	43.28 0.22 0.05	46.78 0.44 2.39	64.04 0.57 0.00	61.76 0.61 0.08	52.27 0.51 4.36	42.94 0.43 5.07	40.51 0.43 2.84	40.07 0.36 0.00	36.07 0.39 0.00
V_CMP_10_SYNC_DSASP 323788	36.07 1.45 -0.20	34.28 1.50 -0.28	31.94 1.41 0.00	31.15 1.40 -0.56	30.78 1.45 -0.34	35.30 1.68 -1.36	42.39 2.07 -1.98	47.29 2.40 -1.31	43.07 2.38 -0.38	40.08 2.12 0.00	38.54 2.04 0.00	39.88 1.78 -0.94	40.82 1.66 -0.60	41.40 1.54 -0.45	42.98 1.29 -0.21	44.22 1.08 -0.03	51.23 1.32 -1.19	65.37 1.90 0.00	63.41 2.14 -0.04	60.21 1.91 -2.17	51.67 1.57 -2.52	45.92 1.59 -1.41	41.34 1.63 0.00	37.46 1.78 0.00
V_D_10_SYNC_DSASP 323841	38.93 0.65 -3.86	38.39 0.62 -5.27	31.09 0.55 0.00	40.46 0.55 -10.72	36.09 0.58 -6.52	58.98 0.64 -26.08	76.97 0.81 -37.82	69.63 0.92 -25.13	48.36 0.85 -7.20	38.76 0.80 0.00	37.30 0.80 0.00	55.94 0.74 -18.04	50.81 0.69 -11.55	48.64 0.67 -8.55	46.17 0.58 -4.11	44.17 0.56 -0.50	72.43 0.88 -22.82	64.62 1.14 0.00	63.18 1.16 -0.79	98.77 1.01 -41.64	96.81 0.86 -48.37	70.80 0.81 -27.07	40.43 0.72 0.00	36.39 0.71 0.00
V_E_10_SYNC_DSASP 323830	36.21 1.79 0.00	34.30 1.79 0.00	32.49 1.53 -0.42	30.98 1.49 -0.30	30.83 1.56 -0.27	33.97 1.71 0.00	40.57 2.22 0.00	46.24 2.66 0.00	42.37 2.05 0.00	39.14 1.18 0.00	37.45 0.95 0.00	38.01 0.86 0.00	39.53 0.96 0.00	40.13 0.71 0.00	42.14 0.66 0.00	44.02 0.91 0.00	50.14 1.41 0.00	66.01 2.54 0.00	64.71 3.49 0.00	60.06 3.93 0.00	51.15 3.57 0.00	45.83 2.92 0.00	42.37 2.66 0.00	37.74 2.07 0.00

V_F_30_NSYNC___DSASP 323816	35.42 1.00 0.00	33.25 0.81 0.07	31.33 0.82 0.03	29.95 0.76 0.00	29.65 0.67 0.00	33.23 0.97 0.00	39.50 1.15 0.00	44.76 1.18 0.00	40.45 0.76 0.62	37.53 0.49 0.92	35.62 0.29 1.17	36.25 0.33 1.24	37.38 0.27 1.46	38.26 0.35 1.51	40.33 0.50 1.65	42.04 0.69 1.76	48.45 1.26 1.55	63.25 1.71 1.93	61.72 1.71 1.22	57.03 1.57 0.67	48.57 1.14 0.15	43.42 1.11 0.61	40.61 0.91 0.02	36.43 0.75 0.00
V_F_30_SYNC_DSASP 323786	34.52 0.10 0.00	32.39 -0.07 0.06	30.45 -0.06 0.02	29.16 -0.03 0.00	28.99 0.00 0.00	32.36 0.10 0.00	38.39 0.04 0.00	43.71 0.13 0.00	39.92 0.08 0.48	37.25 0.00 0.71	35.60 0.00 0.90	36.20 0.00 0.96	37.41 -0.04 1.12	38.14 -0.12 1.16	40.25 0.04 1.27	41.85 0.09 1.35	47.74 0.19 1.19	62.05 0.13 1.54	60.26 0.00 0.97	55.48 -0.11 0.53	47.22 -0.24 0.12	42.30 -0.13 0.49	39.43 -0.28 0.00	35.64 -0.04 0.00
V_XM_10_SYNC_DSASP 323789	36.07 1.45 -0.20	34.28 1.50 -0.28	31.94 1.41 0.00	31.15 1.40 -0.56	30.78 1.45 -0.34	35.30 1.68 -1.36	42.39 2.07 -1.98	47.29 2.40 -1.31	43.07 2.38 -0.38	40.08 2.12 0.00	38.54 2.04 0.00	39.88 1.78 -0.94	40.82 1.66 -0.60	41.40 1.54 -0.45	42.98 1.29 -0.21	44.22 1.08 -0.03	51.23 1.32 -1.19	65.37 1.90 0.00	63.41 2.14 -0.04	60.21 1.91 -2.17	51.67 1.57 -2.52	45.92 1.59 -1.41	41.34 1.63 0.00	37.46 1.78 0.00
W.BABYLN_69_KV_BK1 56697	36.45 2.03 0.00	33.98 1.40 -0.07	31.55 0.98 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.36 1.10 0.00	40.23 1.88 0.00	45.63 2.05 0.00	43.11 2.18 -0.62	41.42 2.54 -0.92	40.45 2.77 -1.17	41.30 2.90 -1.25	42.92 2.89 -1.46	43.93 3.00 -1.52	46.49 3.36 -1.65	48.24 3.36 -1.76	53.73 3.46 -1.54	69.42 3.94 -2.01	65.98 3.49 -1.27	60.14 3.31 -0.70	49.63 1.90 -0.15	45.53 1.97 -0.64	42.33 2.62 0.00	38.10 2.43 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.55 1.14 0.00	33.42 0.85 -0.07	31.24 0.67 -0.03	29.81 0.61 0.00	29.48 0.49 0.00	33.04 0.77 0.00	39.77 1.42 0.00	45.20 1.61 0.00	42.50 1.61 -0.57	40.59 1.78 -0.85	39.40 1.83 -1.07	40.30 2.01 -1.14	42.10 2.20 -1.34	43.09 2.29 -1.39	45.65 2.65 -1.52	47.50 2.76 -1.62	53.07 2.92 -1.42	68.87 3.55 -1.85	65.57 3.18 -1.16	59.40 2.64 -0.64	49.81 2.09 -0.14	45.34 1.85 -0.58	41.38 1.67 0.00	37.07 1.39 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.93 1.51 0.00	33.72 1.14 -0.07	31.49 0.92 -0.03	30.01 0.82 0.00	29.71 0.72 0.00	33.29 1.03 0.00	40.11 1.76 0.00	45.63 2.05 0.00	43.11 2.18 -0.62	41.27 2.39 -0.92	40.12 2.45 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.85 2.92 -1.52	46.46 3.32 -1.66	48.30 3.41 -1.77	53.89 3.61 -1.55	69.80 4.32 -2.01	66.17 3.67 -1.27	59.91 3.09 -0.70	50.11 2.38 -0.15	45.70 2.15 -0.64	41.78 2.06 0.00	37.42 1.75 0.00
W50THST__13_KV_LOAD 356117	36.14 1.72 0.00	33.92 1.33 -0.07	31.64 1.07 -0.03	30.16 0.96 0.00	29.89 0.90 0.00	33.45 1.19 0.00	40.38 2.03 0.00	45.94 2.35 0.00	43.39 2.46 -0.62	41.58 2.70 -0.92	40.41 2.74 -1.17	41.37 2.97 -1.25	43.11 3.09 -1.46	44.17 3.23 -1.52	46.79 3.65 -1.66	48.64 3.75 -1.77	54.28 4.00 -1.55	70.31 4.82 -2.01	66.66 4.16 -1.27	60.30 3.48 -0.70	50.44 2.71 -0.15	45.96 2.40 -0.64	42.01 2.30 0.00	37.64 1.96 0.00
WADING RIVER_IC_1 23522	35.66 1.24 0.00	33.20 0.62 -0.07	30.91 0.34 -0.03	29.25 0.06 0.00	28.99 0.00 0.00	32.62 0.36 0.00	39.42 1.07 0.00	44.28 0.70 0.00	42.31 1.37 -0.62	40.74 1.86 -0.92	39.79 2.12 -1.17	40.48 2.08 -1.25	42.22 2.20 -1.46	43.14 2.21 -1.52	44.75 1.62 -1.65	47.16 2.28 -1.76	52.66 2.39 -1.54	67.94 2.54 -1.92	64.64 2.20 -1.21	59.04 2.25 -0.67	48.62 0.90 -0.14	44.72 1.20 -0.61	41.67 1.95 -0.02	37.24 1.57 0.00
WADING RIVER_IC_2 23547	35.66 1.24 0.00	33.20 0.62 -0.07	30.91 0.34 -0.03	29.25 0.06 0.00	28.99 0.00 0.00	32.62 0.36 0.00	39.42 1.07 0.00	44.28 0.70 0.00	42.31 1.37 -0.62	40.74 1.86 -0.92	39.79 2.12 -1.17	40.48 2.08 -1.25	42.22 2.20 -1.46	43.14 2.21 -1.52	44.75 1.62 -1.65	47.16 2.28 -1.76	52.66 2.39 -1.54	67.94 2.54 -1.92	64.64 2.20 -1.21	59.04 2.25 -0.67	48.62 0.90 -0.14	44.72 1.20 -0.61	41.67 1.95 -0.02	37.24 1.57 0.00
WADING RIVER_IC_3 23601	35.66 1.24 0.00	33.20 0.62 -0.07	30.91 0.34 -0.03	29.25 0.06 0.00	28.99 0.00 0.00	32.62 0.36 0.00	39.42 1.07 0.00	44.28 0.70 0.00	42.31 1.37 -0.62	40.74 1.86 -0.92	39.79 2.12 -1.17	40.48 2.08 -1.25	42.22 2.20 -1.46	43.14 2.21 -1.52	44.75 1.62 -1.65	47.16 2.28 -1.76	52.66 2.39 -1.54	67.94 2.54 -1.92	64.64 2.20 -1.21	59.04 2.25 -0.67	48.62 0.90 -0.14	44.72 1.20 -0.61	41.67 1.95 -0.02	37.24 1.57 0.00
WALDENNY_12_KV_BK2 80841	33.70 -0.72 0.00	32.28 -0.23 0.00	30.82 -0.06 -0.34	29.38 -0.06 -0.24	29.18 -0.03 -0.22	31.58 -0.68 0.00	37.08 -1.27 0.00	41.19 -2.18 0.22	38.46 -1.85 0.00	36.25 -1.71 0.00	34.86 -1.64 0.00	35.30 -1.86 0.00	36.33 -1.81 0.42	37.80 -1.62 0.00	39.36 -1.83 0.29	40.45 -2.24 0.43	45.13 -2.87 0.72	58.34 -3.68 1.45	58.36 -2.82 0.05	53.83 -2.30 0.00	46.34 -1.24 0.00	41.46 -1.46 0.00	38.88 -0.83 0.00	35.07 -0.61 0.00
WALDEN__HYDRO 24148	35.35 0.93 0.00	33.26 0.68 -0.07	31.12 0.55 -0.03	29.69 0.50 0.00	29.39 0.41 0.00	32.91 0.65 0.00	39.50 1.15 0.00	44.89 1.31 0.00	42.15 1.29 -0.54	40.17 1.40 -0.80	38.95 1.42 -1.02	39.80 1.56 -1.09	41.53 1.70 -1.27	42.52 1.77 -1.32	45.04 2.12 -1.44	46.86 2.20 -1.54	52.47 2.39 -1.35	68.08 2.86 -1.76	64.90 2.57 -1.10	58.92 2.19 -0.61	49.42 1.71 -0.13	44.97 1.50 -0.56	41.02 1.31 0.00	36.82 1.14 0.00
WARRENSBURG____ 23737	35.18 0.76 0.00	32.99 0.55 0.08	31.09 0.58 0.03	29.75 0.55 0.00	29.45 0.46 0.00	33.07 0.81 0.00	39.19 0.84 0.00	44.32 0.74 0.00	39.81 0.12 0.63	36.76 -0.27 0.93	34.92 -0.40 1.18	35.49 -0.41 1.25	36.52 -0.58 1.47	37.46 -0.43 1.52	39.48 -0.33 1.67	41.26 -0.09 1.78	47.90 0.73 1.56	62.40 0.95 2.03	61.06 1.10 1.27	56.49 1.07 0.70	48.04 0.62 0.15	42.96 0.69 0.64	40.19 0.48 0.00	36.00 0.32 0.00
WATERSIDE____6 8 9 23538	35.97 1.55 0.00	33.72 1.14 -0.07	31.46 0.89 -0.03	29.95 0.76 0.00	29.68 0.70 0.00	33.20 0.94 0.00	40.00 1.65 0.00	45.50 1.92 0.00	43.07 2.14 -0.62	41.27 2.39 -0.92	40.12 2.45 -1.17	41.08 2.68 -1.25	42.80 2.78 -1.46	43.81 2.88 -1.51	46.46 3.32 -1.66	48.34 3.45 -1.77	53.84 3.56 -1.55	69.61 4.13 -2.01	66.04 3.55 -1.26	59.69 2.86 -0.70	49.97 2.24 -0.15	45.57 2.02 -0.64	41.85 2.14 0.00	37.50 1.82 0.00
WATKINRD_115KV_LN8_ILLION 55919	34.48 0.00 -0.06	32.60 0.00 -0.09	30.54 0.00 0.00	29.34 -0.03 -0.18	29.09 0.00 -0.11	32.69 0.00 -0.43	39.01 0.04 -0.62	44.08 0.09 -0.41	40.47 0.04 -0.12	37.92 -0.04 0.00	36.46 -0.04 0.00	37.42 -0.04 -0.30	38.72 -0.04 -0.19	39.44 -0.12 -0.14	41.46 -0.08 -0.07	43.04 -0.09 -0.01	49.04 -0.05 -0.37	63.34 -0.13 0.00	61.18 -0.06 -0.01	56.79 0.00 -0.67	48.35 0.00 -0.78	43.39 0.04 -0.43	39.71 0.00 0.00	35.68 0.00 0.00

WDELAWARE___HYD 323627	35.45 1.03 0.00	33.37 0.81 -0.05	31.26 0.70 -0.02	29.78 0.58 0.00	29.51 0.52 0.00	33.03 0.77 0.00	39.69 1.34 0.00	44.98 1.39 0.00	42.25 1.53 -0.41	40.19 1.63 -0.60	38.87 1.60 -0.77	39.60 1.63 -0.81	41.33 1.81 -0.95	42.30 1.89 -0.99	44.80 2.24 -1.08	46.69 2.41 -1.15	52.52 2.78 -1.01	68.28 3.55 -1.25	65.38 3.37 -0.79	59.53 2.97 -0.43	50.15 2.47 -0.10	45.41 2.10 -0.40	41.46 1.75 -0.01	37.14 1.46 0.00
WEST BABYLON___IC 23714	36.45 2.03 0.00	33.98 1.40 -0.07	31.55 0.98 -0.03	29.98 0.79 0.00	29.68 0.70 0.00	33.36 1.10 0.00	40.23 1.88 0.00	45.63 2.05 0.00	43.11 2.18 -0.62	41.42 2.54 -0.92	40.45 2.77 -1.17	41.30 2.90 -1.25	42.92 2.89 -1.46	43.93 3.00 -1.52	46.49 3.36 -1.65	48.24 3.36 -1.76	53.73 3.46 -1.54	69.42 3.94 -2.01	65.98 3.49 -1.27	60.14 3.31 -0.70	49.63 1.90 -0.15	45.53 1.97 -0.64	42.33 2.62 0.00	38.10 2.43 0.00
WEST CANADA___HYD 24049	34.48 0.00 -0.06	32.60 0.00 -0.09	30.54 0.00 0.00	29.37 0.00 -0.18	29.09 0.00 -0.11	32.72 0.03 -0.43	39.01 0.04 -0.62	44.04 0.04 -0.41	40.47 0.04 -0.12	37.96 0.00 0.00	36.50 0.00 0.00	37.45 0.00 -0.30	38.75 0.00 -0.19	39.56 0.00 -0.14	41.59 0.04 -0.07	43.17 0.04 -0.01	49.14 0.05 -0.37	63.53 0.06 0.00	61.30 0.06 -0.01	56.85 0.06 -0.67	48.40 0.05 -0.78	43.39 0.04 -0.43	39.71 0.00 0.00	35.68 0.00 0.00
WESTERN_NY_WIND 24143	34.49 0.07 0.00	33.00 0.49 0.00	31.42 0.55 -0.33	29.96 0.53 -0.24	29.84 0.64 -0.22	32.33 0.06 0.00	37.97 -0.38 0.00	42.47 -0.87 0.24	39.47 -0.85 0.00	37.09 -0.87 0.00	35.55 -0.95 0.00	36.04 -1.11 0.00	36.82 -1.27 0.47	38.43 -0.99 0.00	39.87 -1.29 0.32	41.09 -1.55 0.47	46.02 -1.90 0.81	59.84 -2.03 1.60	60.26 -0.92 0.05	55.68 -0.45 0.00	47.63 0.05 0.00	42.57 -0.34 0.00	39.91 0.20 0.00	35.96 0.29 0.00
WESTOVER___LESR 323668	34.38 -0.03 0.00	32.57 0.07 0.00	31.11 0.15 -0.42	29.64 0.15 -0.30	29.38 0.12 -0.27	32.23 -0.03 0.00	38.23 -0.12 0.00	43.27 -0.26 0.06	40.07 -0.24 0.00	37.65 -0.30 0.00	36.25 -0.26 0.00	36.86 -0.30 0.00	38.26 -0.19 0.11	39.30 -0.12 0.00	41.24 -0.17 0.08	42.83 -0.17 0.11	48.24 -0.29 0.20	62.90 -0.19 0.38	61.28 0.06 0.01	56.30 0.17 0.00	47.91 0.33 0.00	43.04 0.13 0.00	39.95 0.24 0.00	35.75 0.07 0.00
WETHRSFD_WT_PWR 323626	33.66 -0.76 0.00	32.08 -0.42 0.00	30.42 -0.49 -0.37	29.31 -0.15 -0.27	28.85 -0.38 -0.24	31.49 -0.77 0.00	36.81 -1.54 0.00	41.27 -2.13 0.18	38.38 -1.93 0.00	35.72 -2.24 0.00	34.46 -2.04 0.00	35.26 -1.89 0.00	36.32 -1.89 0.36	37.73 -1.69 0.00	39.37 -1.87 0.25	40.56 -2.20 0.36	45.38 -2.73 0.62	58.57 -3.68 1.22	58.74 -2.45 0.04	54.39 -1.74 0.00	46.58 -1.00 0.00	41.63 -1.29 0.00	38.84 -0.87 0.00	35.50 -0.18 0.00
WHAVSTOR_138KV_BK127 55557	35.42 1.00 0.00	33.29 0.72 -0.07	31.12 0.55 -0.03	29.66 0.47 0.00	29.36 0.38 0.00	32.91 0.65 0.00	39.58 1.23 0.00	45.02 1.44 0.00	42.38 1.49 -0.57	40.48 1.67 -0.85	39.29 1.72 -1.08	40.20 1.89 -1.15	41.95 2.04 -1.34	42.94 2.13 -1.39	45.45 2.45 -1.52	47.29 2.54 -1.63	52.83 2.68 -1.42	68.56 3.24 -1.85	65.21 2.82 -1.16	59.07 2.30 -0.64	49.53 1.81 -0.14	45.09 1.59 -0.59	41.18 1.47 0.00	36.89 1.21 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.42 1.00 0.00	33.29 0.72 -0.07	31.12 0.55 -0.03	29.66 0.47 0.00	29.36 0.38 0.00	32.91 0.65 0.00	39.58 1.23 0.00	45.02 1.44 0.00	42.38 1.49 -0.57	40.48 1.67 -0.85	39.29 1.72 -1.08	40.20 1.89 -1.15	41.95 2.04 -1.34	42.94 2.13 -1.39	45.45 2.45 -1.52	47.29 2.54 -1.63	52.83 2.68 -1.42	68.56 3.24 -1.85	65.21 2.82 -1.16	59.07 2.30 -0.64	49.53 1.81 -0.14	45.09 1.59 -0.59	41.18 1.47 0.00	36.89 1.21 0.00
WHITEHAL_115KV_TB1 80871	35.66 1.24 0.00	33.38 0.94 0.08	31.48 0.98 0.03	30.13 0.93 0.00	29.83 0.84 0.00	33.52 1.26 0.00	39.73 1.38 0.00	44.98 1.39 0.00	40.24 0.56 0.64	37.06 0.04 0.94	35.12 -0.18 1.20	35.74 -0.15 1.27	36.77 -0.31 1.49	37.72 -0.16 1.55	39.75 -0.04 1.69	41.57 0.26 1.80	48.47 1.32 1.58	63.38 1.97 2.05	62.08 2.14 1.29	57.49 2.08 0.71	48.85 1.43 0.16	43.68 1.42 0.65	40.78 1.07 0.00	36.46 0.78 0.00
WHITEPLN_13_KV_LOAD 356215	36.00 1.58 0.00	33.85 1.27 -0.07	31.58 1.01 -0.03	30.10 0.90 0.00	29.80 0.81 0.00	33.42 1.16 0.00	40.27 1.92 0.00	45.89 2.31 0.00	43.31 2.38 -0.62	41.54 2.66 -0.92	40.34 2.66 -1.17	41.22 2.82 -1.24	42.99 2.97 -1.46	44.05 3.11 -1.51	46.66 3.53 -1.66	48.51 3.62 -1.77	54.08 3.80 -1.55	70.05 4.57 -2.01	66.53 4.04 -1.26	60.25 3.42 -0.70	50.44 2.71 -0.15	45.91 2.36 -0.64	41.89 2.18 0.00	37.53 1.86 0.00
WM_FLOYD_69_KV_BK2 356380	35.97 1.55 0.00	33.49 0.91 -0.07	31.06 0.49 -0.03	29.49 0.29 0.00	29.19 0.20 0.00	32.84 0.58 0.00	39.69 1.34 0.00	45.07 1.48 0.00	42.59 1.65 -0.62	40.93 2.05 -0.92	39.97 2.30 -1.17	40.71 2.30 -1.25	42.38 2.35 -1.46	43.30 2.37 -1.52	45.79 2.65 -1.65	47.55 2.67 -1.76	53.05 2.78 -1.54	68.47 2.98 -2.01	65.19 2.69 -1.27	59.57 2.75 -0.70	49.01 1.28 -0.15	44.93 1.37 -0.64	41.70 1.99 0.00	37.60 1.93 0.00
WOODARD__115KV_TB2 355635	34.18 -0.31 -0.07	32.32 -0.29 -0.10	31.03 -0.21 -0.71	29.70 -0.20 -0.71	29.34 -0.23 -0.59	32.41 -0.35 -0.50	38.58 -0.50 -0.73	43.50 -0.57 -0.48	39.89 -0.56 -0.14	37.39 -0.57 0.00	35.99 -0.51 0.00	36.95 -0.56 -0.35	38.10 -0.58 -0.11	39.07 -0.51 -0.16	40.86 -0.62 0.00	42.37 -0.65 0.10	48.04 -0.88 -0.19	62.46 -1.02 0.00	60.45 -0.80 -0.02	56.31 -0.62 -0.80	48.08 -0.43 -0.93	42.96 -0.47 -0.52	39.31 -0.40 0.00	35.25 -0.43 0.00
WOODMERE_69_KV_BK1 55827	36.45 2.03 0.00	34.05 1.46 -0.07	31.64 1.07 -0.03	30.10 0.90 0.00	29.80 0.81 0.00	33.42 1.16 0.00	40.27 1.92 0.00	45.68 2.09 0.00	43.15 2.22 -0.62	41.46 2.58 -0.92	40.45 2.77 -1.17	41.38 2.97 -1.25	43.03 3.01 -1.46	44.05 3.11 -1.52	46.82 3.69 -1.65	48.72 3.84 -1.76	54.17 3.90 -1.54	70.06 4.57 -2.01	66.53 4.04 -1.27	60.53 3.70 -0.70	50.06 2.33 -0.15	45.70 2.15 -0.64	42.29 2.58 0.00	38.03 2.35 0.00
YORK___WARBASSE 23770	36.17 1.76 0.00	33.88 1.30 -0.07	31.58 1.01 -0.03	30.07 0.88 0.00	29.77 0.78 0.00	33.29 1.03 0.00	40.19 1.84 0.00	45.72 2.14 0.00	43.31 2.38 -0.62	41.55 2.66 -0.93	40.38 2.70 -1.18	41.35 2.94 -1.25	43.08 3.05 -1.47	44.10 3.15 -1.52	46.76 3.61 -1.67	48.65 3.75 -1.78	54.14 3.85 -1.56	70.06 4.57 -2.02	66.48 3.98 -1.27	60.08 3.26 -0.70	50.36 2.62 -0.16	45.88 2.32 -0.65	42.13 2.42 0.00	37.71 2.03 0.00