

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		07/13/2023																										
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	EDT	32.06	28.09	26.96	24.94	24.39	25.02	27.20	29.88	35.92	39.49	39.55	42.86	45.55	46.38	48.73	62.36	72.32	79.35	62.96	54.06	46.21	41.18	37.36	32.83			
		2.54	2.25	2.10	1.80	1.77	1.89	2.25	2.81	3.34	3.64	3.43	4.00	4.36	4.41	4.80	4.67	5.40	5.94	5.70	4.77	4.13	3.47	3.30	2.85			
		0.00	0.00	-1.03	-1.94	-1.73	-0.84	0.00	-0.02	-0.73	-0.89	0.00	0.00	0.00	0.00	-0.26	-17.04	-21.15	-22.15	-6.83	-3.03	0.00	0.00	-0.04	0.00			
74TH STREET_GT_1 24260	EDT	32.09	28.06	26.98	24.94	24.39	25.02	27.17	29.88	35.88	39.46	39.73	42.78	45.47	46.34	48.73	62.33	72.32	79.41	63.01	54.16	46.17	41.22	37.43	32.86			
		2.57	2.22	2.12	1.80	1.78	1.89	2.22	2.81	3.31	3.60	3.61	3.92	4.28	4.37	4.80	4.63	5.40	6.00	5.75	4.86	4.08	3.51	3.37	2.88			
		0.00	0.00	-1.03	-1.94	-1.73	-0.84	0.00	-0.02	-0.73	-0.89	0.00	0.00	0.00	0.00	-0.26	-17.05	-21.15	-22.15	-6.83	-3.03	0.00	0.00	-0.04	0.00			
74TH STREET_GT_2 24261	EDT	32.09	28.06	26.98	24.94	24.39	25.02	27.17	29.88	35.88	39.46	39.73	42.78	45.47	46.34	48.73	62.33	72.32	79.41	63.01	54.16	46.17	41.22	37.43	32.86			
		2.57	2.22	2.12	1.80	1.78	1.89	2.22	2.81	3.31	3.60	3.61	3.92	4.28	4.37	4.80	4.63	5.40	6.00	5.75	4.86	4.08	3.51	3.37	2.88			
		0.00	0.00	-1.03	-1.94	-1.73	-0.84	0.00	-0.02	-0.73	-0.89	0.00	0.00	0.00	0.00	-0.26	-17.05	-21.15	-22.15	-6.83	-3.03	0.00	0.00	-0.04	0.00			
ADK HUDSON___FALLS 24011	EDT	32.06	28.04	27.23	25.52	24.90	25.32	27.17	29.50	36.06	37.64	39.66	42.67	45.19	46.13	47.77	64.91	108.18	118.93	76.90	60.97	46.46	41.37	37.21	32.83			
		2.54	2.20	2.03	1.74	1.71	1.92	2.22	2.49	2.96	3.22	3.54	3.81	4.00	4.16	4.19	3.82	4.53	5.13	4.94	4.63	4.38	3.66	3.23	2.85			
		0.00	0.00	-1.37	-2.58	-2.30	-1.12	0.00	0.03	-1.25	0.54	0.00	0.00	0.00	0.00	0.08	-20.44	-57.88	-62.54	-21.52	-10.07	0.00	0.00	0.05	0.00			
ADK RESOURCE___RCVRY 23798	EDT	32.36	28.30	27.44	25.69	25.09	25.53	27.42	29.80	36.45	38.07	40.02	43.17	45.68	46.63	48.25	65.42	109.03	119.80	77.55	61.52	46.97	41.82	37.62	33.13			
		2.83	2.46	2.24	1.91	1.90	2.12	2.47	2.79	3.34	3.64	3.90	4.31	4.49	4.66	4.67	4.27	5.08	5.69	5.50	5.14	4.88	4.11	3.64	3.15			
		0.00	0.00	-1.37	-2.59	-2.30	-1.12	0.00	0.03	-1.26	0.53	0.00	0.00	0.00	0.00	0.08	-20.51	-58.18	-62.85	-21.62	-10.12	0.00	0.00	0.04	0.00			
ADK S GLENS___FALLS 24028	EDT	32.06	28.04	27.23	25.52	24.90	25.32	27.17	29.50	36.06	37.64	39.66	42.67	45.19	46.13	47.77	64.91	108.18	118.93	76.90	60.97	46.46	41.37	37.21	32.83			
		2.54	2.20	2.03	1.74	1.71	1.92	2.22	2.49	2.96	3.22	3.54	3.81	4.00	4.16	4.19	3.82	4.53	5.13	4.94	4.63	4.38	3.66	3.23	2.85			
		0.00	0.00	-1.37	-2.58	-2.30	-1.12	0.00	0.03	-1.25	0.54	0.00	0.00	0.00	0.00	0.08	-20.44	-57.88	-62.54	-21.52	-10.07	0.00	0.00	0.05	0.00			
ADK_NYS___DAM 23527	EDT	31.09	27.34	26.48	24.88	24.29	24.63	26.47	28.50	34.21	35.66	38.00	40.99	43.54	44.36	45.85	59.06	89.88	99.83	70.06	56.91	44.48	39.82	35.80	31.63			
		1.56	1.50	1.33	1.21	1.19	1.27	1.52	1.51	1.78	1.89	1.88	2.14	2.35	2.39	2.58	2.44	2.84	3.18	3.13	2.73	2.40	2.11	1.87	1.65			
		0.00	0.00	-1.31	-2.48	-2.20	-1.07	0.00	0.06	-0.59	1.18	0.00	0.00	0.00	0.00	0.39	-15.97	-41.28	-45.39	-16.50	-7.91	0.00	0.00	0.09	0.00			
AIR_PRODUCTS___DRP 24190	EDT	30.26	26.56	25.87	24.32	23.73	24.03	25.65	27.78	33.48	35.42	37.06	39.79	42.10	42.90	44.64	59.87	82.38	91.01	65.04	53.64	43.01	38.50	34.87	30.76			
		0.74	0.72	0.72	0.64	0.63	0.67	0.70	0.76	0.92	0.91	0.94	0.93	0.91	0.92	1.09	1.06	1.14	1.28	1.21	1.06	0.93	0.79	0.88	0.78			
		0.00	0.00	-1.32	-2.49	-2.21	-1.08	0.00	0.03	-0.71	0.45	0.00	0.00	0.00	0.00	0.11	-18.16	-35.47	-38.47	-13.40	-6.31	0.00	0.00	0.04	0.00			
AKWESSNE_115KV_BK 355683	EDT	28.96	25.32	23.43	20.84	20.52	21.86	24.40	26.50	31.30	34.37	35.36	38.00	40.28	41.09	42.87	39.88	44.67	49.88	49.12	45.16	41.08	36.80	33.27	29.23			
		-0.56	-0.52	-0.41	-0.36	-0.38	-0.42	-0.55	-0.54	-0.54	-0.59	-0.76	-0.85	-0.91	-0.88	-0.79	-0.77	-1.10	-1.38	-1.31	-1.11	-1.01	-0.91	-0.75	-0.75			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1 23571	EDT	30.26	26.56	25.87	24.32	23.73	24.03	25.65	27.78	33.48	35.42	37.06	39.79	42.10	42.90	44.64	59.87	82.38	91.01	65.04	53.64	43.01	38.50	34.87	30.76			
		0.74	0.72	0.72	0.64	0.63	0.67	0.70	0.76	0.92	0.91	0.94	0.93	0.91	0.92	1.09	1.06	1.14	1.28	1.21	1.06	0.93	0.79	0.88	0.78			
		0.00	0.00	-1.32	-2.49	-2.21	-1.08	0.00	0.03	-0.71	0.45	0.00	0.00	0.00	0.00	0.11	-18.16	-35.47	-38.47	-13.40	-6.31	0.00	0.00	0.04	0.00			
ALBANY___2 23572	EDT	30.26	26.56	25.87	24.32	23.73	24.03	25.65	27.78	33.48	35.42	37.06	39.79	42.10	42.90	44.64	59.87	82.38	91.01	65.04	53.64	43.01	38.50	34.87	30.76			
		0.74	0.72	0.72	0.64	0.63	0.67	0.70	0.76	0.92	0.91	0.94	0.93	0.91	0.92	1.09	1.06	1.14	1.28	1.21	1.06	0.93	0.79	0.88	0.78			
		0.00	0.00	-1.32	-2.49	-2.21	-1.08	0.00	0.03	-0.71	0.45	0.00	0.00	0.00	0.00	0.11	-18.16	-35.47	-38.47	-13.40	-6.31	0.00	0.00	0.04	0.00			
ALBANY___3 23573	EDT	30.26	26.56	25.87	24.32	23.73	24.03	25.65	27.78	33.48	35.42	37.06	39.79	42.10	42.90	44.64	59.87	82.38	91.01	65.04	53.64	43.01	38.50	34.87	30.76			
		0.74	0.72	0.72	0.64	0.63	0.67	0.70	0.76	0.92	0.91	0.94	0.93	0.91	0.92	1.09	1.06	1.14	1.28	1.21	1.06	0.93	0.79	0.88	0.78			
		0.00	0.00	-1.32	-2.49	-2.21	-1.08	0.00	0.03	-0.71	0.45	0.00	0.00	0.00	0.00	0.11	-18.16	-35.47	-38.47	-13.40	-6.31	0.00	0.00	0.04	0.00			

ALBANY___4 23574	30.26 0.74 0.00	26.56 0.72 0.00	25.87 0.72 -1.32	24.32 0.64 -2.49	23.73 0.63 -2.21	24.03 0.67 -1.08	25.65 0.70 0.00	27.78 0.76 0.03	33.48 0.92 -0.71	35.42 0.91 0.45	37.06 0.94 0.00	39.79 0.93 0.00	42.10 0.91 0.00	42.90 0.92 0.00	44.64 1.09 0.11	59.87 1.06 -18.16	82.38 1.14 -35.47	91.01 1.28 -38.47	65.04 1.21 -13.40	53.64 1.06 -6.31	43.01 0.93 0.00	38.50 0.79 0.00	34.87 0.88 0.04	30.76 0.78 0.00
ALBANY___LFGE 323615	30.62 1.09 0.00	26.87 1.03 0.00	26.15 0.98 -1.33	24.56 0.85 -2.52	23.99 0.86 -2.24	24.29 0.91 -1.09	25.82 0.87 0.00	27.97 0.95 0.03	33.67 1.11 -0.71	35.66 1.15 0.45	37.24 1.12 0.00	40.18 1.32 0.00	42.47 1.28 0.00	43.31 1.34 0.00	45.03 1.49 0.11	60.19 1.38 -18.16	82.74 1.51 -35.46	91.41 1.69 -38.46	65.45 1.61 -13.40	54.06 1.48 -6.31	43.39 1.31 0.00	39.03 1.32 0.00	35.31 1.33 0.04	31.12 1.14 0.00
ALCOA_PA_115KV_PL-6C 55860	29.05 -0.47 0.00	25.40 -0.44 0.00	23.50 -0.33 0.00	20.90 -0.30 0.00	20.56 -0.33 0.00	21.91 -0.38 0.00	24.45 -0.50 0.00	26.53 -0.51 0.00	31.37 -0.48 0.00	34.44 -0.52 0.00	35.43 -0.69 0.00	38.08 -0.78 0.00	40.37 -0.82 0.00	41.17 -0.80 0.00	42.96 -0.70 0.00	39.92 -0.73 0.00	44.72 -1.05 0.00	49.88 -1.38 0.00	49.12 -1.31 0.00	45.16 -1.11 0.00	41.12 -0.97 0.00	36.88 -0.83 0.00	33.31 -0.71 0.00	29.26 -0.72 0.00
ALCOA_RYNLDS___DRP 24188	29.05 -0.47 0.00	25.40 -0.44 0.00	23.50 -0.33 0.00	20.90 -0.30 0.00	20.56 -0.33 0.00	21.91 -0.38 0.00	24.45 -0.50 0.00	26.53 -0.51 0.00	31.37 -0.48 0.00	34.44 -0.52 0.00	35.43 -0.69 0.00	38.08 -0.78 0.00	40.37 -0.82 0.00	41.17 -0.80 0.00	42.96 -0.70 0.00	39.92 -0.73 0.00	44.72 -1.05 0.00	49.88 -1.38 0.00	49.12 -1.31 0.00	45.16 -1.11 0.00	41.12 -0.97 0.00	36.88 -0.83 0.00	33.31 -0.71 0.00	29.26 -0.72 0.00
ALCOA___DSASP 323711	29.05 -0.47 0.00	25.40 -0.44 0.00	23.50 -0.33 0.00	20.90 -0.30 0.00	20.58 -0.31 0.00	21.91 -0.38 0.00	24.45 -0.50 0.00	26.53 -0.51 0.00	31.33 -0.51 0.00	34.44 -0.52 0.00	35.43 -0.69 0.00	38.08 -0.78 0.00	40.37 -0.82 0.00	41.17 -0.80 0.00	42.96 -0.70 0.00	39.92 -0.73 0.00	44.72 -1.05 0.00	49.93 -1.33 0.00	49.12 -1.31 0.00	45.16 -1.11 0.00	41.16 -0.93 0.00	36.88 -0.83 0.00	33.27 -0.75 0.00	29.26 -0.72 0.00
ALLEGHENY___COGEN 23514	31.15 1.62 0.00	26.82 0.98 0.00	24.57 0.57 -0.17	21.85 0.34 -0.31	21.52 0.35 -0.28	22.96 0.53 -0.14	25.88 0.92 0.00	27.51 0.46 0.00	32.08 0.16 -0.08	34.30 -0.67 0.00	35.79 -0.33 0.00	37.85 -1.01 0.00	40.08 -1.11 0.00	40.63 -1.34 0.00	41.70 -1.96 -0.01	42.04 -1.01 -2.41	48.29 -0.50 -3.03	54.15 -0.36 -3.24	51.16 -0.35 -1.08	47.05 0.28 -0.50	43.01 0.92 0.00	39.03 1.32 0.00	35.11 1.09 0.00	32.08 2.10 0.00
ALTAMONT_115KV_TB 2 55880	30.62 1.09 0.00	26.87 1.03 0.00	26.15 1.00 -1.32	24.56 0.87 -2.49	23.96 0.86 -2.21	24.30 0.94 -1.08	26.00 1.05 0.00	28.14 1.11 0.02	33.90 1.34 -0.72	36.03 1.36 0.29	37.53 1.41 0.00	40.33 1.48 0.00	42.71 1.52 0.00	43.52 1.55 0.00	45.31 1.70 0.06	60.90 1.63 -18.63	81.05 1.83 -33.45	89.60 2.05 -36.28	64.92 2.02 -12.47	53.91 1.80 -5.84	43.68 1.60 0.00	39.03 1.32 0.00	35.32 1.33 0.03	31.15 1.17 0.00
ALTONA_WT_PWR 323606	29.91 0.38 0.00	26.15 0.31 0.00	24.22 0.38 0.00	21.56 0.36 0.00	21.21 0.31 0.00	22.60 0.31 0.00	25.18 0.22 0.00	27.34 0.30 0.00	32.32 0.48 0.00	35.52 0.56 0.00	36.48 0.36 0.00	38.94 0.08 0.00	41.27 0.08 0.00	42.06 0.08 0.00	44.10 0.44 0.00	41.05 0.41 0.00	45.82 0.05 0.00	51.11 -0.15 0.00	50.23 -0.20 0.00	46.08 -0.18 0.00	41.88 -0.21 0.00	37.45 -0.26 0.00	33.82 -0.20 0.00	29.68 -0.30 0.00
AMERICAN_REF_FUEL 24010	28.96 -0.56 0.00	24.86 -0.98 0.00	22.60 -1.38 -0.15	20.08 -1.40 -0.28	19.81 -1.34 -0.25	21.16 -1.25 -0.12	24.25 -0.70 0.00	25.53 -1.51 0.00	30.10 -1.81 -0.07	33.28 -1.68 0.00	34.82 -1.30 0.00	36.99 -1.86 0.00	39.09 -2.10 0.00	39.66 -2.31 0.00	40.04 -3.62 -0.01	39.57 -3.25 -2.17	45.65 -2.79 -2.68	51.31 -2.82 -2.86	48.62 -2.77 -0.96	44.26 -2.45 -0.44	40.02 -2.06 0.00	36.50 -1.21 0.00	33.00 -1.02 0.00	30.04 0.06 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.38 0.86 0.00	26.10 0.26 0.00	23.53 -0.48 -0.17	20.81 -0.70 -0.31	20.48 -0.69 -0.28	22.02 -0.40 -0.14	25.25 0.30 0.00	26.75 -0.30 0.00	31.48 -0.45 -0.08	34.86 -0.10 0.00	36.59 0.47 0.00	38.74 -0.12 0.00	40.90 -0.29 0.00	41.59 -0.38 0.00	42.14 -1.53 -0.01	41.70 -1.38 -2.44	48.51 -0.32 -3.06	54.38 -0.15 -3.27	51.42 -0.10 -1.09	46.77 0.00 -0.50	42.34 0.25 0.00	38.61 0.90 0.00	34.74 0.72 0.00	31.12 1.14 0.00
ARTHUR_KILL_GT_1 23520	32.10 2.57 -0.01	28.03 2.20 0.00	26.94 2.07 -1.03	24.85 1.72 -1.94	24.27 1.65 -1.73	24.79 1.67 -0.83	26.94 2.00 0.01	29.74 2.68 -0.02	35.75 3.18 -0.72	37.71 3.39 0.64	39.25 3.14 0.01	40.81 3.69 1.74	40.51 3.95 4.63	40.67 3.99 5.29	41.73 4.46 6.38	49.93 4.27 -5.02	57.18 5.03 -6.37	63.84 5.54 -7.04	46.71 5.45 9.17	42.30 4.44 8.41	41.05 3.79 4.82	40.96 3.47 0.22	37.45 3.40 -0.03	32.84 2.85 -0.01
ARTHUR_KILL_2 23512	31.98 2.45 -0.01	27.96 2.12 0.00	26.86 2.00 -1.03	24.79 1.65 -1.94	24.21 1.59 -1.73	24.72 1.61 -0.83	26.87 1.92 0.01	29.63 2.57 -0.02	35.62 3.06 -0.72	37.57 3.25 0.64	39.11 3.00 0.01	40.66 3.54 1.74	40.30 3.75 4.63	40.50 3.82 5.29	41.51 4.23 6.38	49.73 4.06 -5.02	56.90 4.76 -6.37	63.59 5.28 -7.04	46.41 5.15 9.17	42.07 4.21 8.41	40.84 3.58 4.82	40.77 3.28 0.22	37.28 3.23 -0.03	32.72 2.73 -0.01
ARTHUR_KILL_3 23513	31.68 2.15 0.00	27.78 1.94 0.00	26.67 1.81 -1.03	24.66 1.53 -1.94	24.12 1.51 -1.73	24.75 1.63 -0.84	26.85 1.90 0.00	29.53 2.46 -0.02	35.47 2.90 -0.73	37.33 3.01 0.64	38.90 2.78 0.00	40.43 3.30 1.73	40.19 3.63 4.63	40.38 3.69 5.29	41.39 4.10 6.37	49.66 3.99 -5.02	56.77 4.62 -6.38	63.39 5.08 -7.05	46.16 4.89 9.17	41.89 4.02 8.40	40.68 3.41 4.81	40.44 2.94 0.21	36.98 2.93 -0.04	32.50 2.52 0.00
ARTHUR_KILL_COGEN 323718	32.10 2.57 -0.01	28.03 2.20 0.00	26.94 2.07 -1.03	24.85 1.72 -1.94	24.27 1.65 -1.73	24.79 1.67 -0.83	26.94 2.00 0.01	29.74 2.68 -0.02	35.75 3.18 -0.72	37.71 3.39 0.64	39.25 3.14 0.01	40.81 3.69 1.74	40.51 3.95 4.63	40.67 3.99 5.29	41.73 4.46 6.38	49.93 4.27 -5.02	57.18 5.03 -6.37	63.84 5.54 -7.04	46.71 5.45 9.17	42.30 4.44 8.41	41.05 3.79 4.82	40.96 3.47 0.22	37.45 3.40 -0.03	32.84 2.85 -0.01
ASHOKAN____ 23654	30.91 1.39 0.00	27.03 1.19 0.00	25.55 0.55 -1.16	23.86 0.47 -2.20	23.31 0.46 -1.95	23.77 0.53 -0.95	26.02 1.07 0.00	29.10 2.05 0.00	34.90 2.36 -0.70	36.93 1.92 -0.04	36.55 0.43 0.00	39.52 0.66 0.00	42.34 1.15 0.00	43.23 1.26 0.00	46.14 2.40 -0.08	60.51 2.64 -17.22	74.12 1.01 -27.34	80.16 1.18 -27.72	61.15 0.96 -9.76	51.60 0.83 -4.50	42.80 0.71 0.00	38.73 1.02 0.00	36.13 2.11 0.00	30.97 0.99 0.00

ASTORIA_EAST_ENERGY_CC1 323581	32.07 2.54 -0.01	28.09 2.25 -0.01	26.97 2.10 -1.04	24.97 1.82 -1.95	24.42 1.80 -1.73	25.00 1.87 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.17 3.32 -0.88	39.22 3.11 0.01	42.39 3.54 0.01	44.93 3.75 0.01	45.78 3.82 0.01	48.15 4.23 -0.26	61.84 4.15 -17.04	71.87 4.94 -21.16	78.85 5.43 -22.16	62.60 5.34 -6.82	53.54 4.25 -3.02	45.54 3.45 0.00	40.99 3.28 0.00	37.16 3.10 -0.05	32.87 2.88 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	32.07 2.54 -0.01	28.09 2.25 -0.01	26.97 2.10 -1.04	24.97 1.82 -1.95	24.42 1.80 -1.73	25.00 1.87 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.17 3.32 -0.88	39.22 3.11 0.01	42.39 3.54 0.01	44.93 3.75 0.01	45.78 3.82 0.01	48.15 4.23 -0.26	61.84 4.15 -17.04	71.87 4.94 -21.16	78.85 5.43 -22.16	62.60 5.34 -6.82	53.54 4.25 -3.02	45.54 3.45 0.00	40.99 3.28 0.00	37.16 3.10 -0.05	32.87 2.88 -0.01
ASTORIA_GT2_1 24094	32.07 2.54 -0.01	28.04 2.20 -0.01	26.97 2.10 -1.04	24.99 1.84 -1.95	24.44 1.82 -1.73	25.02 1.89 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.20 3.36 -0.88	39.44 3.32 0.00	42.43 3.57 0.00	44.94 3.75 0.00	45.79 3.82 0.00	48.20 4.28 -0.26	61.88 4.19 -17.05	71.92 4.99 -21.16	78.90 5.48 -22.16	62.50 5.25 -6.82	53.87 4.58 -3.02	45.62 3.54 0.00	40.99 3.28 0.00	37.13 3.06 -0.05	32.87 2.88 -0.01
ASTORIA_GT2_2 24095	32.07 2.54 -0.01	28.04 2.20 -0.01	26.97 2.10 -1.04	24.99 1.84 -1.95	24.44 1.82 -1.73	25.02 1.89 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.20 3.36 -0.88	39.44 3.32 0.00	42.43 3.57 0.00	44.94 3.75 0.00	45.79 3.82 0.00	48.20 4.28 -0.26	61.88 4.19 -17.05	71.92 4.99 -21.16	78.90 5.48 -22.16	62.50 5.25 -6.82	53.87 4.58 -3.02	45.62 3.54 0.00	40.99 3.28 0.00	37.13 3.06 -0.05	32.87 2.88 -0.01
ASTORIA_GT2_3 24096	32.07 2.54 -0.01	28.04 2.20 -0.01	26.97 2.10 -1.04	24.99 1.84 -1.95	24.44 1.82 -1.73	25.02 1.89 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.20 3.36 -0.88	39.44 3.32 0.00	42.43 3.57 0.00	44.94 3.75 0.00	45.79 3.82 0.00	48.20 4.28 -0.26	61.88 4.19 -17.05	71.92 4.99 -21.16	78.90 5.48 -22.16	62.50 5.25 -6.82	53.87 4.58 -3.02	45.62 3.54 0.00	40.99 3.28 0.00	37.13 3.06 -0.05	32.87 2.88 -0.01
ASTORIA_GT2_4 24097	32.07 2.54 -0.01	28.04 2.20 -0.01	26.97 2.10 -1.04	24.99 1.84 -1.95	24.44 1.82 -1.73	25.02 1.89 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.20 3.36 -0.88	39.44 3.32 0.00	42.43 3.57 0.00	44.94 3.75 0.00	45.79 3.82 0.00	48.20 4.28 -0.26	61.88 4.19 -17.05	71.92 4.99 -21.16	78.90 5.48 -22.16	62.50 5.25 -6.82	53.87 4.58 -3.02	45.62 3.54 0.00	40.99 3.28 0.00	37.13 3.06 -0.05	32.87 2.88 -0.01
ASTORIA_GT3_1 24098	32.07 2.54 -0.01	28.04 2.20 -0.01	26.97 2.10 -1.04	24.99 1.84 -1.95	24.44 1.82 -1.73	25.02 1.89 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.20 3.36 -0.88	39.44 3.32 0.00	42.43 3.57 0.00	44.94 3.75 0.00	45.79 3.82 0.00	48.20 4.28 -0.26	61.88 4.19 -17.05	71.92 4.99 -21.16	78.90 5.48 -22.16	62.50 5.25 -6.82	53.87 4.58 -3.02	45.62 3.54 0.00	40.99 3.28 0.00	37.13 3.06 -0.05	32.87 2.88 -0.01
ASTORIA_GT3_2 24099	32.07 2.54 -0.01	28.04 2.20 -0.01	26.97 2.10 -1.04	24.99 1.84 -1.95	24.44 1.82 -1.73	25.02 1.89 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.20 3.36 -0.88	39.44 3.32 0.00	42.43 3.57 0.00	44.94 3.75 0.00	45.79 3.82 0.00	48.20 4.28 -0.26	61.88 4.19 -17.05	71.92 4.99 -21.16	78.90 5.48 -22.16	62.50 5.25 -6.82	53.87 4.58 -3.02	45.62 3.54 0.00	40.99 3.28 0.00	37.13 3.06 -0.05	32.87 2.88 -0.01
ASTORIA_GT3_3 24100	32.07 2.54 -0.01	28.04 2.20 -0.01	26.97 2.10 -1.04	24.99 1.84 -1.95	24.44 1.82 -1.73	25.02 1.89 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.20 3.36 -0.88	39.44 3.32 0.00	42.43 3.57 0.00	44.94 3.75 0.00	45.79 3.82 0.00	48.20 4.28 -0.26	61.88 4.19 -17.05	71.92 4.99 -21.16	78.90 5.48 -22.16	62.50 5.25 -6.82	53.87 4.58 -3.02	45.62 3.54 0.00	40.99 3.28 0.00	37.13 3.06 -0.05	32.87 2.88 -0.01
ASTORIA_GT3_4 24101	32.07 2.54 -0.01	28.04 2.20 -0.01	26.97 2.10 -1.04	24.99 1.84 -1.95	24.44 1.82 -1.73	25.02 1.89 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.20 3.36 -0.88	39.44 3.32 0.00	42.43 3.57 0.00	44.94 3.75 0.00	45.79 3.82 0.00	48.20 4.28 -0.26	61.88 4.19 -17.05	71.92 4.99 -21.16	78.90 5.48 -22.16	62.50 5.25 -6.82	53.87 4.58 -3.02	45.62 3.54 0.00	40.99 3.28 0.00	37.13 3.06 -0.05	32.87 2.88 -0.01
ASTORIA_GT4_1 24102	32.07 2.54 -0.01	28.04 2.20 -0.01	26.97 2.10 -1.04	24.99 1.84 -1.95	24.44 1.82 -1.73	25.02 1.89 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.20 3.36 -0.88	39.44 3.32 0.00	42.43 3.57 0.00	44.94 3.75 0.00	45.79 3.82 0.00	48.20 4.28 -0.26	61.88 4.19 -17.05	71.92 4.99 -21.16	78.90 5.48 -22.16	62.50 5.25 -6.82	53.87 4.58 -3.02	45.62 3.54 0.00	40.99 3.28 0.00	37.13 3.06 -0.05	32.87 2.88 -0.01
ASTORIA_GT4_2 24103	32.07 2.54 -0.01	28.04 2.20 -0.01	26.97 2.10 -1.04	24.99 1.84 -1.95	24.44 1.82 -1.73	25.02 1.89 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.20 3.36 -0.88	39.44 3.32 0.00	42.43 3.57 0.00	44.94 3.75 0.00	45.79 3.82 0.00	48.20 4.28 -0.26	61.88 4.19 -17.05	71.92 4.99 -21.16	78.90 5.48 -22.16	62.50 5.25 -6.82	53.87 4.58 -3.02	45.62 3.54 0.00	40.99 3.28 0.00	37.13 3.06 -0.05	32.87 2.88 -0.01
ASTORIA_GT4_3 24104	32.07 2.54 -0.01	28.04 2.20 -0.01	26.97 2.10 -1.04	24.99 1.84 -1.95	24.44 1.82 -1.73	25.02 1.89 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.20 3.36 -0.88	39.44 3.32 0.00	42.43 3.57 0.00	44.94 3.75 0.00	45.79 3.82 0.00	48.20 4.28 -0.26	61.88 4.19 -17.05	71.92 4.99 -21.16	78.90 5.48 -22.16	62.50 5.25 -6.82	53.87 4.58 -3.02	45.62 3.54 0.00	40.99 3.28 0.00	37.13 3.06 -0.05	32.87 2.88 -0.01
ASTORIA_GT4_4 24105	32.07 2.54 -0.01	28.04 2.20 -0.01	26.97 2.10 -1.04	24.99 1.84 -1.95	24.44 1.82 -1.73	25.02 1.89 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.20 3.36 -0.88	39.44 3.32 0.00	42.43 3.57 0.00	44.94 3.75 0.00	45.79 3.82 0.00	48.20 4.28 -0.26	61.88 4.19 -17.05	71.92 4.99 -21.16	78.90 5.48 -22.16	62.50 5.25 -6.82	53.87 4.58 -3.02	45.62 3.54 0.00	40.99 3.28 0.00	37.13 3.06 -0.05	32.87 2.88 -0.01
ASTORIA_GT_1 23523	32.13 2.60 -0.01	28.17 2.33 -0.01	27.04 2.17 -1.04	25.03 1.89 -1.95	24.47 1.84 -1.73	25.07 1.94 -0.84	27.17 2.22 0.00	29.81 2.73 -0.03	35.75 3.18 -0.72	39.27 3.43 -0.88	39.32 3.21 0.01	42.54 3.69 0.01	45.05 3.87 0.01	45.91 3.94 0.01	48.28 4.37 -0.26	62.00 4.31 -17.04	72.01 5.08 -21.16	79.06 5.64 -22.16	62.75 5.50 -6.82	53.73 4.44 -3.02	45.71 3.62 0.00	41.14 3.43 0.00	37.26 3.20 -0.05	32.96 2.97 -0.01

ASTORIA_GT_10 24110	31.97 2.45 0.00	27.96 2.12 0.00	26.91 2.05 -1.03	24.85 1.72 -1.94	24.31 1.69 -1.73	24.91 1.78 -0.84	27.05 2.10 0.00	29.76 2.68 -0.03	36.00 3.12 -1.03	41.08 3.36 -2.76	39.48 3.36 0.00	42.47 3.61 0.00	45.02 3.83 0.00	45.83 3.86 0.00	48.25 4.32 -0.26	61.76 4.06 -17.05	71.68 4.76 -21.15	78.64 5.23 -22.15	57.11 4.94 -1.73	53.55 4.26 -3.02	45.62 3.54 0.00	40.95 3.24 0.00	37.23 3.16 -0.05	32.78 2.79 -0.01
ASTORIA_GT_11 24225	31.97 2.45 0.00	27.96 2.12 0.00	26.91 2.05 -1.03	24.85 1.72 -1.94	24.31 1.69 -1.73	24.91 1.78 -0.84	27.05 2.10 0.00	29.76 2.68 -0.03	36.00 3.12 -1.03	41.08 3.36 -2.76	39.48 3.36 0.00	42.47 3.61 0.00	45.02 3.83 0.00	45.83 3.86 0.00	48.25 4.32 -0.26	61.76 4.06 -17.05	71.68 4.76 -21.15	78.64 5.23 -22.15	57.11 4.94 -1.73	53.55 4.26 -3.02	45.62 3.54 0.00	40.95 3.24 0.00	37.23 3.16 -0.05	32.78 2.79 -0.01
ASTORIA_GT_12 24226	32.00 2.48 0.00	28.01 2.17 0.00	26.91 2.05 -1.03	24.85 1.72 -1.94	24.31 1.69 -1.73	24.91 1.78 -0.84	27.05 2.10 0.00	29.76 2.68 -0.03	36.00 3.12 -1.03	41.08 3.36 -2.76	39.26 3.14 0.00	42.47 3.61 0.00	45.02 3.83 0.00	45.83 3.86 0.00	48.20 4.28 -0.26	61.76 4.06 -17.04	71.68 4.76 -21.15	78.64 5.23 -22.15	57.21 5.04 -1.73	53.41 4.12 -3.02	45.58 3.49 0.00	40.99 3.28 0.00	37.30 3.23 -0.05	32.78 2.79 -0.01
ASTORIA_GT_13 24227	32.00 2.48 0.00	28.01 2.17 0.00	26.91 2.05 -1.03	24.85 1.72 -1.94	24.31 1.69 -1.73	24.91 1.78 -0.84	27.05 2.10 0.00	29.76 2.68 -0.03	36.00 3.12 -1.03	41.08 3.36 -2.76	39.26 3.14 0.00	42.47 3.61 0.00	45.02 3.83 0.00	45.83 3.86 0.00	48.20 4.28 -0.26	61.76 4.06 -17.04	71.68 4.76 -21.15	78.64 5.23 -22.15	57.21 5.04 -1.73	53.41 4.12 -3.02	45.58 3.49 0.00	40.99 3.28 0.00	37.30 3.23 -0.05	32.78 2.79 -0.01
ASTORIA_GT_5 24106	32.13 2.60 -0.01	28.17 2.33 -0.01	27.04 2.17 -1.04	25.03 1.89 -1.95	24.47 1.84 -1.73	25.07 1.94 -0.84	27.17 2.22 0.00	29.81 2.73 -0.03	35.75 3.18 -0.72	39.27 3.43 -0.88	39.32 3.21 0.01	42.54 3.69 0.01	45.05 3.87 0.01	45.91 3.94 0.01	48.28 4.37 -0.26	62.00 4.31 -17.04	72.01 5.08 -21.16	79.06 5.64 -22.16	62.75 5.50 -6.82	53.73 4.44 -3.02	45.71 3.62 0.00	41.14 3.43 0.00	37.26 3.20 -0.05	32.96 2.97 -0.01
ASTORIA_GT_7 24107	32.13 2.60 -0.01	28.17 2.33 -0.01	27.04 2.17 -1.04	25.03 1.89 -1.95	24.47 1.84 -1.73	25.07 1.94 -0.84	27.17 2.22 0.00	29.81 2.73 -0.03	35.75 3.18 -0.72	39.27 3.43 -0.88	39.32 3.21 0.01	42.54 3.69 0.01	45.05 3.87 0.01	45.91 3.94 0.01	48.28 4.37 -0.26	62.00 4.31 -17.04	72.01 5.08 -21.16	79.06 5.64 -22.16	62.75 5.50 -6.82	53.73 4.44 -3.02	45.71 3.62 0.00	41.14 3.43 0.00	37.26 3.20 -0.05	32.96 2.97 -0.01
ASTORIA_GT_8 24108	32.13 2.60 -0.01	28.10 2.25 -0.01	27.04 2.17 -1.04	25.03 1.89 -1.95	24.49 1.86 -1.73	25.07 1.94 -0.84	27.17 2.22 0.00	29.81 2.73 -0.03	35.75 3.18 -0.72	39.31 3.46 -0.88	39.55 3.43 0.00	42.55 3.69 0.00	45.06 3.87 0.00	45.92 3.95 0.00	48.33 4.41 -0.26	62.00 4.31 -17.05	72.06 5.13 -21.16	79.11 5.69 -22.16	62.65 5.40 -6.82	54.01 4.72 -3.02	45.70 3.62 0.00	41.10 3.39 0.00	37.20 3.13 -0.05	32.93 2.94 -0.01
ASTORIA___2 24149	32.07 2.54 -0.01	28.12 2.27 -0.01	26.97 2.10 -1.04	24.99 1.84 -1.95	24.42 1.80 -1.73	25.02 1.89 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.69 3.12 -0.72	39.17 3.32 -0.88	39.22 3.11 0.01	42.42 3.57 0.01	44.93 3.75 0.01	45.78 3.82 0.01	48.20 4.28 -0.26	61.88 4.19 -17.04	71.87 4.94 -21.16	78.90 5.49 -22.16	62.60 5.34 -6.82	53.59 4.30 -3.02	45.58 3.49 0.00	41.03 3.32 0.00	37.16 3.10 -0.05	32.87 2.88 -0.01
ASTORIA___3 23516	32.00 2.48 0.00	28.01 2.17 0.00	26.91 2.05 -1.03	24.85 1.72 -1.94	24.31 1.69 -1.73	24.91 1.78 -0.84	27.05 2.10 0.00	29.76 2.68 -0.03	36.00 3.12 -1.03	41.08 3.36 -2.76	39.26 3.14 0.00	42.47 3.61 0.00	45.02 3.83 0.00	45.83 3.86 0.00	48.20 4.28 -0.26	61.76 4.06 -17.04	71.68 4.76 -21.15	78.58 5.18 -22.15	57.21 5.04 -1.73	53.41 4.12 -3.02	45.58 3.49 0.00	40.99 3.28 0.00	37.30 3.23 -0.05	32.78 2.79 -0.01
ASTORIA___4 23517	31.97 2.45 0.00	27.96 2.12 0.00	26.91 2.05 -1.03	24.85 1.72 -1.94	24.31 1.69 -1.73	24.91 1.78 -0.84	27.05 2.10 0.00	29.76 2.68 -0.03	36.00 3.12 -1.03	41.08 3.36 -2.76	39.48 3.36 0.00	42.47 3.61 0.00	45.02 3.83 0.00	45.83 3.86 0.00	48.25 4.32 -0.26	61.76 4.06 -17.05	71.68 4.76 -21.15	78.64 5.23 -22.15	57.11 4.94 -1.73	53.55 4.26 -3.02	45.62 3.54 0.00	40.95 3.24 0.00	37.23 3.16 -0.05	32.78 2.79 -0.01
ASTORIA___5 23518	32.00 2.48 0.00	28.01 2.17 0.00	26.91 2.05 -1.03	24.85 1.72 -1.94	24.31 1.69 -1.73	24.91 1.78 -0.84	27.05 2.10 0.00	29.76 2.68 -0.03	36.00 3.12 -1.03	41.08 3.36 -2.76	39.26 3.14 0.00	42.47 3.61 0.00	45.02 3.83 0.00	45.83 3.86 0.00	48.20 4.28 -0.26	61.76 4.06 -17.04	71.68 4.76 -21.15	78.58 5.18 -22.15	57.21 5.04 -1.73	53.41 4.12 -3.02	45.58 3.49 0.00	40.99 3.28 0.00	37.30 3.23 -0.05	32.78 2.79 -0.01
AST_ENERGY_2_CC3 323677	31.83 2.30 0.00	27.88 2.04 0.00	26.77 1.91 -1.03	24.77 1.63 -1.94	24.25 1.63 -1.73	24.84 1.72 -0.84	26.95 2.00 0.00	29.61 2.54 -0.02	35.57 2.99 -0.73	39.04 3.18 -0.89	39.08 2.96 0.00	42.32 3.46 0.00	44.98 3.79 0.00	45.88 3.90 0.00	48.20 4.28 -0.26	61.88 4.19 -17.04	71.77 4.85 -21.15	78.74 5.33 -22.15	62.41 5.15 -6.83	53.55 4.25 -3.03	45.66 3.58 0.00	40.84 3.13 0.00	37.12 3.06 -0.04	32.59 2.61 0.00
AST_ENERGY_2_CC4 323678	31.83 2.30 0.00	27.88 2.04 0.00	26.77 1.91 -1.03	24.77 1.63 -1.94	24.25 1.63 -1.73	24.84 1.72 -0.84	26.95 2.00 0.00	29.61 2.54 -0.02	35.57 2.99 -0.73	39.04 3.18 -0.89	39.08 2.96 0.00	42.32 3.46 0.00	44.98 3.79 0.00	45.88 3.90 0.00	48.20 4.28 -0.26	61.88 4.19 -17.04	71.77 4.85 -21.15	78.74 5.33 -22.15	62.41 5.15 -6.83	53.55 4.25 -3.03	45.66 3.58 0.00	40.84 3.13 0.00	37.12 3.06 -0.04	32.59 2.61 0.00
ATHENS_STG_1 23668	30.74 1.21 0.00	27.03 1.19 0.00	26.12 1.12 -1.16	24.38 1.00 -2.19	23.82 0.98 -1.95	24.28 1.05 -0.95	26.10 1.15 0.00	28.32 1.27 -0.01	33.86 1.43 -0.58	36.70 1.47 -0.27	37.53 1.41 0.00	40.53 1.67 0.00	43.00 1.81 0.00	43.82 1.84 0.00	45.83 2.05 -0.12	60.05 1.95 -17.45	68.33 2.20 -20.36	75.37 2.46 -21.64	59.90 2.42 -7.04	51.57 2.08 -3.21	43.85 1.77 0.00	39.22 1.51 0.00	35.49 1.46 -0.01	31.21 1.23 0.00
ATHENS_STG_2 23670	30.74 1.21 0.00	27.03 1.19 0.00	26.12 1.12 -1.16	24.38 1.00 -2.19	23.82 0.98 -1.95	24.28 1.05 -0.95	26.10 1.15 0.00	28.32 1.27 -0.01	33.86 1.43 -0.58	36.70 1.47 -0.27	37.53 1.41 0.00	40.53 1.67 0.00	43.00 1.81 0.00	43.82 1.84 0.00	45.83 2.05 -0.12	60.05 1.95 -17.45	68.33 2.20 -20.36	75.37 2.46 -21.64	59.90 2.42 -7.04	51.57 2.08 -3.21	43.85 1.77 0.00	39.22 1.51 0.00	35.49 1.46 -0.01	31.21 1.23 0.00

ATHENS_STG_3 23677	30.74 1.21 0.00	27.03 1.19 0.00	26.12 1.12 -1.16	24.38 1.00 -2.19	23.82 0.98 -1.95	24.28 1.05 -0.95	26.10 1.15 0.00	28.32 1.27 -0.01	33.86 1.43 -0.58	36.70 1.47 -0.27	37.53 1.41 0.00	40.53 1.67 0.00	43.00 1.81 0.00	43.82 1.84 0.00	45.83 2.05 -0.12	60.05 1.95 -17.45	68.33 2.20 -20.36	75.37 2.46 -21.64	59.90 2.42 -7.04	51.57 2.08 -3.21	43.85 1.77 0.00	39.22 1.51 0.00	35.49 1.46 -0.01	31.21 1.23 0.00
AUBURN____LFGE 323710	30.14 0.62 0.00	26.28 0.44 0.00	24.22 0.26 -0.12	21.64 0.21 -0.23	21.31 0.21 -0.21	22.65 0.27 -0.10	25.40 0.45 0.00	27.53 0.49 0.00	32.41 0.51 -0.05	35.66 0.70 0.00	36.88 0.76 0.00	39.71 0.85 0.00	42.10 0.91 0.00	42.77 0.80 0.00	44.41 0.74 -0.01	43.12 0.69 -1.78	48.93 1.01 -2.15	54.89 1.33 -2.30	52.46 1.26 -0.77	47.82 1.20 -0.35	43.39 1.30 0.00	38.99 1.28 0.00	35.04 1.02 0.00	30.85 0.87 0.00
BABYLON_RES_REC 323704	37.52 3.13 -4.86	36.47 2.82 -7.82	30.23 2.60 -3.79	25.34 2.20 -1.94	24.77 2.15 -1.73	25.44 2.32 -0.84	28.64 2.77 -0.91	33.17 3.27 -2.85	36.23 3.66 -0.73	39.28 3.43 -0.89	38.76 2.64 0.00	42.28 3.42 0.00	46.89 4.16 -1.54	50.26 3.99 -4.30	51.39 4.41 -3.32	63.57 4.27 -18.65	74.66 4.80 -24.09	82.29 5.33 -25.70	70.98 5.04 -15.50	56.14 4.35 -5.53	49.50 4.04 -3.37	42.77 3.47 -1.60	42.43 3.64 -4.76	37.15 3.39 -3.78
BABYLON__69_KV_BK2 356345	37.99 3.60 -4.87	36.84 3.18 -7.82	30.56 2.93 -3.79	25.64 2.50 -1.94	25.06 2.44 -1.73	25.76 2.63 -0.84	29.01 3.14 -0.91	33.55 3.65 -2.85	36.68 4.11 -0.73	39.67 3.81 -0.90	40.36 4.23 -0.01	43.42 4.55 -0.01	51.32 5.27 -4.85	60.75 5.16 -13.62	62.78 5.59 -13.53	70.13 5.24 -24.24	93.80 5.95 -42.08	107.04 6.66 -49.12	84.00 6.25 -27.31	67.99 5.51 -16.21	60.38 5.09 -13.20	47.03 4.26 -5.06	43.19 4.25 -4.92	39.74 3.84 -5.92
BARON_WINDS____WT_PWR 323822	30.03 0.50 0.00	26.00 0.16 0.00	23.69 -0.36 -0.21	21.15 -0.45 -0.40	20.85 -0.40 -0.35	22.19 -0.27 -0.17	25.18 0.22 0.00	26.97 -0.08 0.00	31.76 -0.19 -0.10	34.89 -0.07 0.00	36.52 0.40 0.00	38.97 0.12 0.00	41.19 0.00 0.00	41.89 -0.08 0.00	42.75 -0.92 -0.01	42.87 -0.86 -3.08	49.75 0.00 -3.98	55.73 0.21 -4.26	52.11 0.25 -1.42	47.06 0.14 -0.66	42.38 0.30 0.00	38.28 0.57 0.00	34.46 0.44 0.00	30.88 0.90 0.00
BARRETT_IC_1 23704	37.02 2.63 -4.87	36.07 2.40 -7.83	29.85 2.22 -3.80	25.05 1.91 -1.95	24.48 1.86 -1.73	25.14 2.01 -0.85	28.25 2.37 -0.92	32.74 2.84 -2.86	35.76 3.18 -0.73	38.79 2.94 -0.89	38.54 2.42 0.00	42.08 3.22 0.00	45.12 3.92 -0.02	45.92 3.94 0.00	48.21 4.28 -0.26	61.70 3.99 -17.07	71.41 4.49 -21.15	78.33 4.92 -22.15	61.96 4.69 -6.83	53.47 4.17 -3.03	45.92 3.83 -0.01	40.88 3.17 -0.01	90.91 3.40 -53.49	35.43 2.88 -2.57
BARRETT_IC_10 23701	37.02 2.63 -4.87	36.07 2.40 -7.83	29.85 2.22 -3.80	25.05 1.91 -1.95	24.48 1.86 -1.73	25.14 2.01 -0.85	28.25 2.37 -0.92	32.74 2.84 -2.86	35.76 3.18 -0.73	38.79 2.94 -0.89	38.54 2.42 0.00	42.08 3.22 0.00	45.12 3.92 -0.02	45.92 3.94 0.00	48.21 4.28 -0.26	61.70 3.99 -17.07	71.41 4.49 -21.15	78.33 4.92 -22.15	61.96 4.69 -6.83	53.47 4.17 -3.03	45.92 3.83 -0.01	40.88 3.17 -0.01	90.91 3.40 -53.49	35.43 2.88 -2.57
BARRETT_IC_11 23702	37.02 2.63 -4.87	36.07 2.40 -7.83	29.85 2.22 -3.80	25.05 1.91 -1.95	24.48 1.86 -1.73	25.14 2.01 -0.85	28.25 2.37 -0.92	32.74 2.84 -2.86	35.76 3.18 -0.73	38.79 2.94 -0.89	38.54 2.42 0.00	42.08 3.22 0.00	45.12 3.92 -0.02	45.92 3.94 0.00	48.21 4.28 -0.26	61.70 3.99 -17.07	71.41 4.49 -21.15	78.33 4.92 -22.15	61.96 4.69 -6.83	53.47 4.17 -3.03	45.92 3.83 -0.01	40.88 3.17 -0.01	90.91 3.40 -53.49	35.43 2.88 -2.57
BARRETT_IC_12 23703	37.02 2.63 -4.87	36.07 2.40 -7.83	29.85 2.22 -3.80	25.05 1.91 -1.95	24.48 1.86 -1.73	25.14 2.01 -0.85	28.25 2.37 -0.92	32.74 2.84 -2.86	35.76 3.18 -0.73	38.79 2.94 -0.89	38.54 2.42 0.00	42.08 3.22 0.00	45.12 3.92 -0.02	45.92 3.94 0.00	48.21 4.28 -0.26	61.70 3.99 -17.07	71.41 4.49 -21.15	78.33 4.92 -22.15	61.96 4.69 -6.83	53.47 4.17 -3.03	45.92 3.83 -0.01	40.88 3.17 -0.01	90.91 3.40 -53.49	35.43 2.88 -2.57
BARRETT_IC_2 23705	37.02 2.63 -4.87	36.07 2.40 -7.83	29.85 2.22 -3.80	25.05 1.91 -1.95	24.48 1.86 -1.73	25.14 2.01 -0.85	28.25 2.37 -0.92	32.74 2.84 -2.86	35.76 3.18 -0.73	38.79 2.94 -0.89	38.54 2.42 0.00	42.08 3.22 0.00	45.12 3.92 -0.02	45.92 3.94 0.00	48.21 4.28 -0.26	61.70 3.99 -17.07	71.41 4.49 -21.15	78.33 4.92 -22.15	61.96 4.69 -6.83	53.47 4.17 -3.03	45.92 3.83 -0.01	40.88 3.17 -0.01	90.91 3.40 -53.49	35.43 2.88 -2.57
BARRETT_IC_3 23706	37.02 2.63 -4.87	36.07 2.40 -7.83	29.85 2.22 -3.80	25.05 1.91 -1.95	24.48 1.86 -1.73	25.14 2.01 -0.85	28.25 2.37 -0.92	32.74 2.84 -2.86	35.76 3.18 -0.73	38.79 2.94 -0.89	38.54 2.42 0.00	42.08 3.22 0.00	45.12 3.92 -0.02	45.92 3.94 0.00	48.21 4.28 -0.26	61.70 3.99 -17.07	71.41 4.49 -21.15	78.33 4.92 -22.15	61.96 4.69 -6.83	53.47 4.17 -3.03	45.92 3.83 -0.01	40.88 3.17 -0.01	90.91 3.40 -53.49	35.43 2.88 -2.57
BARRETT_IC_4 23707	37.02 2.63 -4.87	36.07 2.40 -7.83	29.85 2.22 -3.80	25.05 1.91 -1.95	24.48 1.86 -1.73	25.14 2.01 -0.85	28.25 2.37 -0.92	32.74 2.84 -2.86	35.76 3.18 -0.73	38.79 2.94 -0.89	38.54 2.42 0.00	42.08 3.22 0.00	45.12 3.92 -0.02	45.92 3.94 0.00	48.21 4.28 -0.26	61.70 3.99 -17.07	71.41 4.49 -21.15	78.33 4.92 -22.15	61.96 4.69 -6.83	53.47 4.17 -3.03	45.92 3.83 -0.01	40.88 3.17 -0.01	90.91 3.40 -53.49	35.43 2.88 -2.57
BARRETT_IC_5 23708	37.02 2.63 -4.87	36.07 2.40 -7.83	29.85 2.22 -3.80	25.05 1.91 -1.95	24.48 1.86 -1.73	25.14 2.01 -0.85	28.25 2.37 -0.92	32.74 2.84 -2.86	35.76 3.18 -0.73	38.79 2.94 -0.89	38.54 2.42 0.00	42.08 3.22 0.00	45.12 3.92 -0.02	45.92 3.94 0.00	48.21 4.28 -0.26	61.70 3.99 -17.07	71.41 4.49 -21.15	78.33 4.92 -22.15	61.96 4.69 -6.83	53.47 4.17 -3.03	45.92 3.83 -0.01	40.88 3.17 -0.01	90.91 3.40 -53.49	35.43 2.88 -2.57
BARRETT_IC_6 23709	37.02 2.63 -4.87	36.07 2.40 -7.83	29.85 2.22 -3.80	25.05 1.91 -1.95	24.48 1.86 -1.73	25.14 2.01 -0.85	28.25 2.37 -0.92	32.74 2.84 -2.86	35.76 3.18 -0.73	38.79 2.94 -0.89	38.54 2.42 0.00	42.08 3.22 0.00	45.12 3.92 -0.02	45.92 3.94 0.00	48.21 4.28 -0.26	61.70 3.99 -17.07	71.41 4.49 -21.15	78.33 4.92 -22.15	61.96 4.69 -6.83	53.47 4.17 -3.03	45.92 3.83 -0.01	40.88 3.17 -0.01	90.91 3.40 -53.49	35.43 2.88 -2.57
BARRETT_IC_7 23710	37.02 2.63 -4.86	36.01 2.35 -7.82	29.84 2.22 -3.79	25.05 1.91 -1.94	24.50 1.88 -1.73	25.13 2.01 -0.84	28.24 2.37 -0.91	32.73 2.84 -2.85	35.76 3.18 -0.73	38.75 2.90 -0.89	39.15 3.03 0.00	42.16 3.30 0.00	45.12 3.91 -0.02	45.92 3.95 0.00	48.33 4.41 -0.26	61.70 3.98 -17.07	71.42 4.49 -21.16	78.39 4.97 -22.16	61.91 4.64 -6.83	53.51 4.21 -3.03	45.96 3.87 0.00	40.84 3.13 0.00	90.84 3.33 -53.49	35.40 2.85 -2.57

BARRETT_IC_8 23711	37.02 2.63 -4.87	36.07 2.40 -7.83	29.85 2.22 -3.80	25.05 1.91 -1.95	24.48 1.86 -1.73	25.14 2.01 -0.85	28.25 2.37 -0.92	32.74 2.84 -2.86	35.76 3.18 -0.73	38.79 2.94 -0.89	38.54 2.42 0.00	42.08 3.22 0.00	45.12 3.92 -0.02	45.92 3.94 0.00	48.21 4.28 -0.26	61.70 3.99 -17.07	71.41 4.49 -21.15	78.33 4.92 -22.15	61.96 4.69 -6.83	53.47 4.17 -3.03	45.92 3.83 -0.01	40.88 3.17 -0.01	90.91 3.40 -53.49	35.43 2.88 -2.57
BARRETT_IC_9 23700	37.02 2.63 -4.87	36.07 2.40 -7.83	29.85 2.22 -3.80	25.05 1.91 -1.95	24.48 1.86 -1.73	25.14 2.01 -0.85	28.25 2.37 -0.92	32.74 2.84 -2.86	35.76 3.18 -0.73	38.79 2.94 -0.89	38.54 2.42 0.00	42.08 3.22 0.00	45.12 3.92 -0.02	45.92 3.94 0.00	48.21 4.28 -0.26	61.70 3.99 -17.07	71.41 4.49 -21.15	78.33 4.92 -22.15	61.96 4.69 -6.83	53.47 4.17 -3.03	45.92 3.83 -0.01	40.88 3.17 -0.01	90.91 3.40 -53.49	35.43 2.88 -2.57
BARRETT___1 23545	37.02 2.63 -4.87	36.07 2.40 -7.83	29.85 2.22 -3.80	25.05 1.91 -1.95	24.48 1.86 -1.73	25.14 2.01 -0.85	28.25 2.37 -0.92	32.74 2.84 -2.86	35.76 3.18 -0.73	38.79 2.94 -0.89	38.54 2.42 0.00	42.08 3.22 0.00	45.12 3.92 -0.02	45.92 3.94 0.00	48.21 4.28 -0.26	61.70 3.99 -17.07	71.41 4.49 -21.15	78.33 4.92 -22.15	61.96 4.69 -6.83	53.47 4.17 -3.03	45.92 3.83 -0.01	40.88 3.17 -0.01	90.91 3.40 -53.49	35.43 2.88 -2.57
BARRETT___2 23546	37.02 2.63 -4.87	36.07 2.40 -7.83	29.85 2.22 -3.80	25.05 1.91 -1.95	24.48 1.86 -1.73	25.14 2.01 -0.85	28.25 2.37 -0.92	32.74 2.84 -2.86	35.76 3.18 -0.73	38.79 2.94 -0.89	38.54 2.42 0.00	42.08 3.22 0.00	45.12 3.92 -0.02	45.92 3.94 0.00	48.21 4.28 -0.26	61.70 3.99 -17.07	71.41 4.49 -21.15	78.33 4.92 -22.15	61.96 4.69 -6.83	53.47 4.17 -3.03	45.92 3.83 -0.01	40.88 3.17 -0.01	90.91 3.40 -53.49	35.43 2.88 -2.57
BATAVIA___115KV_TB1 55881	30.17 0.65 0.00	26.05 0.21 0.00	23.62 -0.36 -0.14	20.95 -0.51 -0.26	20.69 -0.44 -0.23	22.07 -0.33 -0.11	25.18 0.22 0.00	26.75 -0.30 0.00	31.27 -0.64 -0.06	34.82 -0.14 0.00	36.12 0.00 0.00	39.05 0.19 0.00	41.15 -0.04 0.00	41.76 -0.21 0.00	42.23 -1.44 -0.01	41.35 -1.30 -2.00	47.29 -0.92 -2.44	53.36 -0.51 -2.61	50.70 -0.61 -0.87	46.25 -0.42 -0.40	42.21 0.13 0.00	38.46 0.75 0.00	34.63 0.61 0.00	31.03 1.05 0.00
BAYONEEC___CTG1 323682	31.83 2.30 0.00	27.88 2.04 0.00	26.77 1.91 -1.03	24.77 1.63 -1.94	24.23 1.61 -1.73	24.84 1.72 -0.84	26.97 2.02 0.00	29.64 2.57 -0.02	35.60 3.03 -0.73	39.07 3.21 -0.89	39.08 2.96 0.00	40.63 3.50 1.73	40.35 3.79 4.63	40.59 3.90 5.29	41.57 4.28 6.37	49.86 4.19 -5.02	57.00 4.85 -6.38	63.64 5.33 -7.05	46.42 5.15 9.17	42.12 4.25 8.40	40.85 3.58 4.81	40.59 3.09 0.21	37.12 3.06 -0.04	32.62 2.64 0.00
BAYONEEC___CTG10 323750	31.83 2.30 0.00	27.88 2.04 0.00	26.77 1.91 -1.03	24.77 1.63 -1.94	24.23 1.61 -1.73	24.84 1.72 -0.84	26.97 2.02 0.00	29.64 2.57 -0.02	35.60 3.03 -0.73	39.07 3.21 -0.89	39.08 2.96 0.00	40.63 3.50 1.73	40.35 3.79 4.63	40.59 3.90 5.29	41.57 4.28 6.37	49.86 4.19 -5.02	57.00 4.85 -6.38	63.64 5.33 -7.05	46.42 5.15 9.17	42.12 4.25 8.40	40.85 3.58 4.81	40.59 3.09 0.21	37.12 3.06 -0.04	32.62 2.64 0.00
BAYONEEC___CTG2 323683	31.83 2.30 0.00	27.88 2.04 0.00	26.77 1.91 -1.03	24.77 1.63 -1.94	24.23 1.61 -1.73	24.84 1.72 -0.84	26.97 2.02 0.00	29.64 2.57 -0.02	35.60 3.03 -0.73	39.07 3.21 -0.89	39.08 2.96 0.00	40.63 3.50 1.73	40.35 3.79 4.63	40.59 3.90 5.29	41.57 4.28 6.37	49.86 4.19 -5.02	57.00 4.85 -6.38	63.64 5.33 -7.05	46.42 5.15 9.17	42.12 4.25 8.40	40.85 3.58 4.81	40.59 3.09 0.21	37.12 3.06 -0.04	32.62 2.64 0.00
BAYONEEC___CTG3 323684	31.83 2.30 0.00	27.88 2.04 0.00	26.77 1.91 -1.03	24.77 1.63 -1.94	24.23 1.61 -1.73	24.84 1.72 -0.84	26.97 2.02 0.00	29.64 2.57 -0.02	35.60 3.03 -0.73	39.07 3.21 -0.89	39.08 2.96 0.00	40.63 3.50 1.73	40.35 3.79 4.63	40.59 3.90 5.29	41.57 4.28 6.37	49.86 4.19 -5.02	57.00 4.85 -6.38	63.64 5.33 -7.05	46.42 5.15 9.17	42.12 4.25 8.40	40.85 3.58 4.81	40.59 3.09 0.21	37.12 3.06 -0.04	32.62 2.64 0.00
BAYONEEC___CTG4 323685	31.83 2.30 0.00	27.88 2.04 0.00	26.77 1.91 -1.03	24.77 1.63 -1.94	24.23 1.61 -1.73	24.84 1.72 -0.84	26.97 2.02 0.00	29.64 2.57 -0.02	35.60 3.03 -0.73	39.07 3.21 -0.89	39.08 2.96 0.00	40.63 3.50 1.73	40.35 3.79 4.63	40.59 3.90 5.29	41.57 4.28 6.37	49.86 4.19 -5.02	57.00 4.85 -6.38	63.64 5.33 -7.05	46.42 5.15 9.17	42.12 4.25 8.40	40.85 3.58 4.81	40.59 3.09 0.21	37.12 3.06 -0.04	32.62 2.64 0.00
BAYONEEC___CTG5 323686	31.83 2.30 0.00	27.88 2.04 0.00	26.77 1.91 -1.03	24.77 1.63 -1.94	24.23 1.61 -1.73	24.84 1.72 -0.84	26.97 2.02 0.00	29.64 2.57 -0.02	35.60 3.03 -0.73	39.07 3.21 -0.89	39.08 2.96 0.00	40.63 3.50 1.73	40.35 3.79 4.63	40.59 3.90 5.29	41.57 4.28 6.37	49.86 4.19 -5.02	57.00 4.85 -6.38	63.64 5.33 -7.05	46.42 5.15 9.17	42.12 4.25 8.40	40.85 3.58 4.81	40.59 3.09 0.21	37.12 3.06 -0.04	32.62 2.64 0.00
BAYONEEC___CTG6 323687	31.83 2.30 0.00	27.88 2.04 0.00	26.77 1.91 -1.03	24.77 1.63 -1.94	24.23 1.61 -1.73	24.84 1.72 -0.84	26.97 2.02 0.00	29.64 2.57 -0.02	35.60 3.03 -0.73	39.07 3.21 -0.89	39.08 2.96 0.00	40.63 3.50 1.73	40.35 3.79 4.63	40.59 3.90 5.29	41.57 4.28 6.37	49.86 4.19 -5.02	57.00 4.85 -6.38	63.64 5.33 -7.05	46.42 5.15 9.17	42.12 4.25 8.40	40.85 3.58 4.81	40.59 3.09 0.21	37.12 3.06 -0.04	32.62 2.64 0.00
BAYONEEC___CTG7 323688	31.83 2.30 0.00	27.88 2.04 0.00	26.77 1.91 -1.03	24.77 1.63 -1.94	24.23 1.61 -1.73	24.84 1.72 -0.84	26.97 2.02 0.00	29.64 2.57 -0.02	35.60 3.03 -0.73	39.07 3.21 -0.89	39.08 2.96 0.00	40.63 3.50 1.73	40.35 3.79 4.63	40.59 3.90 5.29	41.57 4.28 6.37	49.86 4.19 -5.02	57.00 4.85 -6.38	63.64 5.33 -7.05	46.42 5.15 9.17	42.12 4.25 8.40	40.85 3.58 4.81	40.59 3.09 0.21	37.12 3.06 -0.04	32.62 2.64 0.00
BAYONEEC___CTG8 323689	31.83 2.30 0.00	27.88 2.04 0.00	26.77 1.91 -1.03	24.77 1.63 -1.94	24.23 1.61 -1.73	24.84 1.72 -0.84	26.97 2.02 0.00	29.64 2.57 -0.02	35.60 3.03 -0.73	39.07 3.21 -0.89	39.08 2.96 0.00	40.63 3.50 1.73	40.35 3.79 4.63	40.59 3.90 5.29	41.57 4.28 6.37	49.86 4.19 -5.02	57.00 4.85 -6.38	63.64 5.33 -7.05	46.42 5.15 9.17	42.12 4.25 8.40	40.85 3.58 4.81	40.59 3.09 0.21	37.12 3.06 -0.04	32.62 2.64 0.00
BAYONEEC___CTG9 323749	31.83 2.30 0.00	27.88 2.04 0.00	26.77 1.91 -1.03	24.77 1.63 -1.94	24.23 1.61 -1.73	24.84 1.72 -0.84	26.97 2.02 0.00	29.64 2.57 -0.02	35.60 3.03 -0.73	39.07 3.21 -0.89	39.08 2.96 0.00	40.63 3.50 1.73	40.35 3.79 4.63	40.59 3.90 5.29	41.57 4.28 6.37	49.86 4.19 -5.02	57.00 4.85 -6.38	63.64 5.33 -7.05	46.42 5.15 9.17	42.12 4.25 8.40	40.85 3.58 4.81	40.59 3.09 0.21	37.12 3.06 -0.04	32.62 2.64 0.00

BEACON___LESR 323632	30.82 1.30 0.00	27.03 1.19 0.00	26.27 1.12 -1.32	24.64 0.95 -2.48	24.07 0.96 -2.21	24.41 1.05 -1.08	26.12 1.17 0.00	28.32 1.30 0.03	34.05 1.50 -0.71	36.02 1.54 0.48	37.64 1.52 0.00	40.57 1.71 0.00	42.92 1.73 0.00	43.73 1.76 0.00	45.41 1.88 0.12	60.47 1.75 -18.08	83.78 1.97 -36.05	92.58 2.20 -39.12	66.26 2.17 -13.65	54.64 1.94 -6.43	43.85 1.77 0.00	39.22 1.51 0.00	35.51 1.53 0.04	31.27 1.29 0.00
BEAVER RIVER___HYD 24048	29.35 -0.18 0.00	25.61 -0.23 0.00	23.63 -0.24 -0.04	21.06 -0.21 -0.07	20.73 -0.23 -0.06	22.05 -0.27 -0.03	24.65 -0.30 0.00	26.64 -0.40 0.00	31.56 -0.29 0.00	34.79 -0.17 0.00	35.87 -0.25 0.00	38.63 -0.23 0.00	40.78 -0.41 0.00	41.63 -0.34 0.00	43.22 -0.44 0.00	40.54 -0.61 -0.50	44.85 -0.92 0.00	50.34 -0.92 0.00	49.73 -0.71 0.00	45.62 -0.65 0.00	41.66 -0.42 0.00	37.41 -0.30 0.00	33.82 -0.20 0.00	29.71 -0.27 0.00
BEEBEE_GT_13 23619	29.82 0.30 0.00	25.81 -0.03 0.00	23.69 -0.26 -0.12	21.08 -0.34 -0.22	20.80 -0.29 -0.20	22.14 -0.25 -0.10	24.95 0.00 0.00	26.75 -0.30 0.00	31.39 -0.51 -0.05	34.82 -0.14 0.00	36.08 -0.04 0.00	38.97 0.12 0.00	41.19 0.00 0.00	41.89 -0.08 0.00	42.79 -0.87 -0.01	41.71 -0.65 -1.71	47.15 -0.64 -2.02	53.06 -0.36 -2.16	50.65 -0.50 -0.72	46.28 -0.32 -0.33	42.13 0.04 0.00	38.20 0.49 0.00	34.40 0.37 0.00	30.64 0.66 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.34 2.80 -0.01	28.22 2.38 0.00	27.13 2.26 -1.03	25.02 1.89 -1.94	24.48 1.86 -1.73	25.04 1.92 -0.84	27.20 2.25 0.00	30.00 2.92 -0.03	36.38 3.50 -1.03	41.53 3.81 -2.76	39.91 3.79 0.00	43.02 4.16 0.00	45.69 4.45 -0.06	46.52 4.49 -0.06	59.66 4.93 -11.07	87.93 4.72 -42.57	138.92 5.49 -87.66	83.51 6.10 -26.15	83.35 5.80 -27.12	83.51 5.00 -32.24	46.29 4.21 0.00	41.57 3.81 -0.06	44.78 3.67 -7.08	33.14 3.15 -0.01
BETHLEHEM___GRP 23843	30.26 0.74 0.00	26.56 0.72 0.00	25.87 0.72 -1.32	24.32 0.64 -2.49	23.73 0.63 -2.21	24.03 0.67 -1.08	25.65 0.70 0.00	27.78 0.76 0.03	33.48 0.92 -0.71	35.42 0.91 0.45	37.06 0.94 0.00	39.79 0.93 0.00	42.10 0.91 0.00	42.90 0.92 0.00	44.64 1.09 0.11	59.87 1.06 -18.16	82.38 1.14 -35.47	91.01 1.28 -38.47	65.04 1.21 -13.40	53.64 1.06 -6.31	43.01 0.93 0.00	38.50 0.79 0.00	34.87 0.88 0.04	30.76 0.78 0.00
BETHLEHEM___GS1 323560	30.26 0.74 0.00	26.59 0.75 0.00	25.87 0.71 -1.32	24.32 0.64 -2.49	23.73 0.63 -2.21	24.03 0.67 -1.08	25.65 0.70 0.00	27.78 0.76 0.03	33.44 0.89 -0.71	35.39 0.87 0.45	36.95 0.83 0.00	39.83 0.97 0.00	42.14 0.95 0.00	42.94 0.97 0.00	44.64 1.09 0.11	59.87 1.06 -18.16	82.37 1.14 -35.46	91.00 1.28 -38.46	65.04 1.21 -13.40	53.68 1.11 -6.31	43.01 0.92 0.00	38.54 0.83 0.00	34.86 0.88 0.04	30.73 0.75 0.00
BETHLEHEM___GS2 323561	30.26 0.74 0.00	26.59 0.75 0.00	25.87 0.71 -1.32	24.32 0.64 -2.49	23.73 0.63 -2.21	24.03 0.67 -1.08	25.65 0.70 0.00	27.78 0.76 0.03	33.44 0.89 -0.71	35.39 0.87 0.45	36.95 0.83 0.00	39.83 0.97 0.00	42.14 0.95 0.00	42.94 0.97 0.00	44.64 1.09 0.11	59.87 1.06 -18.16	82.37 1.14 -35.46	91.00 1.28 -38.46	65.04 1.21 -13.40	53.68 1.11 -6.31	43.01 0.92 0.00	38.54 0.83 0.00	34.86 0.88 0.04	30.73 0.75 0.00
BETHLEHEM___GS3 323562	30.26 0.74 0.00	26.59 0.75 0.00	25.87 0.71 -1.32	24.32 0.64 -2.49	23.73 0.63 -2.21	24.03 0.67 -1.08	25.65 0.70 0.00	27.78 0.76 0.03	33.44 0.89 -0.71	35.39 0.87 0.45	36.95 0.83 0.00	39.83 0.97 0.00	42.14 0.95 0.00	42.94 0.97 0.00	44.64 1.09 0.11	59.87 1.06 -18.16	82.37 1.14 -35.46	91.00 1.28 -38.46	65.04 1.21 -13.40	53.68 1.11 -6.31	43.01 0.92 0.00	38.54 0.83 0.00	34.86 0.88 0.04	30.73 0.75 0.00
BETHLEHEM___STEEL 23779	29.82 0.30 0.00	25.76 -0.08 0.00	23.16 -0.83 -0.16	20.55 -0.95 -0.30	20.28 -0.88 -0.27	21.68 -0.74 -0.13	24.93 -0.02 0.00	26.45 -0.60 0.00	30.84 -1.08 -0.07	34.33 -0.63 0.00	35.61 -0.51 0.00	38.51 -0.35 0.00	40.53 -0.66 0.00	41.22 -0.76 0.00	41.66 -2.01 -0.01	41.07 -1.91 -2.34	47.72 -0.96 -2.91	53.87 -0.51 -3.12	50.72 -0.76 -1.04	45.96 -0.79 -0.48	41.58 -0.51 0.00	37.90 0.19 0.00	34.22 0.20 0.00	30.76 0.78 0.00
BETHLHEM_115KV_TB1 79974	30.35 0.83 0.00	26.61 0.78 0.00	25.92 0.76 -1.32	24.36 0.68 -2.49	23.77 0.67 -2.21	24.10 0.74 -1.08	25.73 0.77 0.00	27.86 0.84 0.02	33.53 0.99 -0.70	35.52 0.98 0.42	37.17 1.05 0.00	39.91 1.05 0.00	42.22 1.03 0.00	43.02 1.05 0.00	44.78 1.22 0.10	59.98 1.14 -18.19	81.81 1.28 -34.75	90.33 1.38 -37.68	64.91 1.36 -13.11	53.64 1.20 -6.17	43.14 1.05 0.00	38.61 0.91 0.00	34.97 0.99 0.04	30.85 0.87 0.00
BETHPAGE_CC_5 323564	37.25 2.86 -4.86	36.24 2.58 -7.82	30.06 2.43 -3.79	25.19 2.06 -1.94	24.64 2.03 -1.73	25.29 2.16 -0.84	28.46 2.59 -0.91	32.98 3.08 -2.85	36.04 3.47 -0.73	39.07 3.21 -0.89	38.83 2.71 0.00	42.47 3.61 0.00	45.95 4.32 -0.43	47.47 4.32 -1.18	49.69 4.67 -1.35	63.03 4.43 -17.95	73.59 5.03 -22.78	80.92 5.54 -24.12	65.33 5.25 -9.65	54.89 4.54 -4.09	47.39 4.21 -1.10	41.65 3.51 -0.44	43.80 3.64 -6.14	36.37 3.18 -3.21
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.88 0.35 0.00	25.81 -0.03 0.00	23.14 -0.86 -0.16	20.53 -0.98 -0.31	20.27 -0.90 -0.27	21.66 -0.76 -0.13	24.98 0.02 0.00	26.50 -0.54 0.00	30.93 -0.99 -0.08	34.44 -0.52 0.00	35.72 -0.40 0.00	38.62 -0.23 0.00	40.65 -0.54 0.00	41.38 -0.59 0.00	41.83 -1.83 -0.01	41.15 -1.87 -2.37	47.95 -0.78 -2.96	54.12 -0.31 -3.17	50.88 -0.61 -1.06	46.11 -0.65 -0.49	41.71 -0.38 0.00	37.97 0.26 0.00	34.29 0.27 0.00	30.82 0.84 0.00
BINGHAMTON___COGEN 23790	30.06 0.53 0.00	26.23 0.39 0.00	24.23 0.10 -0.30	21.81 0.04 -0.57	21.46 0.06 -0.51	22.67 0.13 -0.25	25.33 0.37 0.00	27.37 0.32 0.00	32.26 0.25 -0.16	35.38 0.42 0.00	36.73 0.61 0.00	39.52 0.66 0.00	41.85 0.66 0.00	42.64 0.67 0.00	44.03 0.35 -0.02	45.40 0.28 -4.47	52.68 0.73 -6.18	58.90 1.03 -6.61	53.60 0.96 -2.20	48.16 0.88 -1.02	42.93 0.84 0.00	38.58 0.87 0.00	34.74 0.71 0.00	30.73 0.75 0.00
BIXINCNT_115KV_LOAD 355685	29.97 0.44 0.00	25.92 0.08 0.00	23.01 -1.00 -0.17	20.42 -1.10 -0.32	20.16 -1.02 -0.29	21.58 -0.85 -0.14	25.03 0.07 0.00	26.59 -0.46 0.00	31.00 -0.92 -0.08	34.44 -0.52 0.00	35.72 -0.40 0.00	38.55 -0.31 0.00	40.49 -0.70 0.00	41.30 -0.67 0.00	41.79 -1.88 -0.01	41.05 -2.11 -2.51	48.29 -0.64 -3.16	54.49 -0.15 -3.39	50.86 -0.71 -1.13	45.91 -0.88 -0.52	41.62 -0.46 0.00	37.71 0.00 0.00	34.16 0.14 0.00	30.67 0.69 0.00
BLACK RIVER___HYD 24047	29.61 0.09 0.00	25.81 -0.03 0.00	23.82 -0.07 -0.05	21.23 -0.06 -0.10	20.88 -0.10 -0.09	22.20 -0.13 -0.04	24.85 -0.10 0.00	26.80 -0.24 0.00	31.81 -0.03 0.00	35.10 0.14 0.00	36.19 0.07 0.00	39.01 0.16 0.00	41.15 -0.04 0.00	42.06 0.08 0.00	43.57 -0.09 0.00	40.96 -0.37 -0.68	45.04 -0.73 0.00	50.70 -0.56 0.00	50.13 -0.30 0.00	46.27 0.00 0.00	42.38 0.30 0.00	38.09 0.38 0.00	34.23 0.21 0.00	30.04 0.06 0.00

BLACKRVR_115KV_TB2 79977	29.64 0.12 0.00	25.84 0.00 0.00	23.82 -0.07 -0.05	21.23 -0.06 -0.10	20.87 -0.10 -0.09	22.20 -0.13 -0.04	24.85 0.00 0.00	26.80 -0.24 0.00	31.78 -0.06 0.00	35.07 0.10 0.00	36.15 0.04 0.00	39.01 0.16 0.00	41.15 -0.04 0.00	42.01 0.04 0.00	43.57 -0.09 0.00	40.96 -0.37 -0.68	45.04 -0.73 0.00	50.70 -0.56 0.00	50.13 -0.30 0.00	46.27 0.00 0.00	42.38 0.29 0.00	38.09 0.38 0.00	34.22 0.20 0.00	30.04 0.06 0.00
BLISS_WT_PWR 323608	29.94 0.41 0.00	25.79 -0.05 0.00	23.01 -1.00 -0.17	20.42 -1.10 -0.32	20.12 -1.06 -0.29	21.58 -0.85 -0.14	25.03 0.08 0.00	26.59 -0.46 0.00	31.29 -0.64 -0.08	34.54 -0.42 0.00	36.23 0.11 0.00	38.35 -0.51 0.00	40.37 -0.82 0.00	41.17 -0.80 0.00	41.75 -1.92 -0.01	41.00 -2.16 -2.51	48.29 -0.64 -3.16	54.24 -0.41 -3.39	50.75 -0.81 -1.13	45.82 -0.97 -0.52	41.54 -0.55 0.00	37.52 -0.19 0.00	34.02 0.00 0.00	30.67 0.69 0.00
BLUE_CIRC_CHEM_DRP 24182	30.76 1.24 0.00	26.98 1.14 0.00	26.22 1.10 -1.29	24.61 0.98 -2.44	24.02 0.96 -2.17	24.37 1.03 -1.06	26.07 1.12 0.00	28.19 1.16 0.02	33.88 1.37 -0.67	36.06 1.40 0.30	37.60 1.48 0.00	40.37 1.52 0.00	44.20 3.01 0.00	44.99 3.02 0.00	46.97 3.36 0.05	61.39 3.09 -17.66	80.83 3.11 -31.95	87.54 3.64 -32.64	63.97 1.77 -11.77	53.45 1.67 -5.52	43.56 1.47 0.00	38.95 1.24 0.00	35.39 1.39 0.03	31.24 1.26 0.00
BOC_GAS_DRP 24189	30.47 0.94 0.00	26.74 0.90 0.00	26.05 0.91 -1.31	24.46 0.78 -2.48	23.87 0.77 -2.20	24.21 0.85 -1.07	25.87 0.92 0.00	28.00 0.97 0.02	33.67 1.18 -0.65	35.83 1.15 0.28	37.35 1.23 0.00	40.10 1.24 0.00	42.47 1.28 0.00	43.27 1.30 0.00	45.04 1.44 0.06	60.39 1.38 -18.36	78.06 1.51 -30.78	86.38 1.69 -33.42	63.60 1.66 -11.50	53.14 1.48 -5.39	43.35 1.26 0.00	38.80 1.09 0.00	35.12 1.12 0.03	30.97 0.99 0.00
BOONVILLE_115KV_TB1 79983	30.11 0.59 0.00	26.30 0.47 0.00	24.25 0.38 -0.03	21.58 0.32 -0.06	21.26 0.31 -0.05	22.65 0.33 -0.03	25.38 0.42 0.00	27.45 0.41 0.00	32.38 0.54 0.00	35.56 0.59 0.00	36.95 0.83 0.00	39.79 0.93 0.00	42.10 0.91 0.00	42.94 0.97 0.00	44.45 0.79 0.00	41.64 0.57 -0.43	46.46 0.69 0.00	52.13 0.87 0.00	51.39 0.96 0.00	47.19 0.93 0.00	43.01 0.93 0.00	38.54 0.83 0.00	34.70 0.68 0.00	30.52 0.54 0.00
BORALEX_4TH_BRANCH 23824	31.09 1.56 0.00	27.34 1.50 0.00	26.48 1.33 -1.31	24.88 1.21 -2.48	24.29 1.19 -2.20	24.63 1.27 -1.07	26.47 1.52 0.00	28.50 1.51 0.06	34.21 1.78 -0.59	35.66 1.89 1.18	38.00 1.88 0.00	40.99 2.14 0.00	43.54 2.35 0.00	44.36 2.39 0.00	45.85 2.58 0.39	59.06 2.44 -15.97	89.88 2.84 -41.28	99.83 3.18 -45.39	70.06 3.13 -16.50	56.91 2.73 -7.91	44.48 2.40 0.00	39.82 2.11 0.00	35.80 1.87 0.09	31.63 1.65 0.00
BOWLINE___1 23526	31.27 1.74 0.00	27.54 1.70 0.00	26.37 1.55 -0.99	24.40 1.34 -1.86	23.87 1.32 -1.66	24.52 1.43 -0.81	26.60 1.65 0.00	29.07 2.00 -0.02	34.80 2.26 -0.69	37.20 2.38 0.14	38.43 2.31 0.00	41.58 2.72 0.00	44.19 3.01 0.00	45.03 3.06 0.00	47.31 3.41 -0.25	60.27 3.33 -16.29	69.83 3.85 -20.22	76.65 4.20 -21.18	61.12 4.14 -6.55	52.55 3.38 -2.91	44.99 2.90 0.00	40.16 2.45 0.00	36.37 2.31 -0.03	31.96 1.98 0.00
BOWLINE___2 23595	31.30 1.77 0.00	27.54 1.70 0.00	26.40 1.57 -0.99	24.42 1.36 -1.86	23.89 1.34 -1.66	24.54 1.45 -0.81	26.62 1.67 0.00	29.10 2.03 -0.02	34.86 2.32 -0.69	37.26 2.45 0.14	38.46 2.35 0.00	41.62 2.76 0.00	44.24 3.05 0.00	45.12 3.15 0.00	47.40 3.49 -0.25	60.36 3.41 -16.29	69.93 3.94 -20.22	76.76 4.31 -21.19	61.22 4.24 -6.55	52.65 3.47 -2.91	45.03 2.94 0.00	40.24 2.53 0.00	36.44 2.38 -0.03	31.99 2.01 0.00
BRADY___115KV_TB2 356060	29.14 -0.38 0.00	25.48 -0.36 0.00	23.57 -0.26 0.00	20.97 -0.23 0.00	20.62 -0.27 0.00	21.97 -0.31 0.00	24.53 -0.42 0.00	26.59 -0.46 0.00	31.46 -0.38 0.00	34.51 -0.45 0.00	35.54 -0.58 0.00	38.16 -0.70 0.00	40.45 -0.74 0.00	41.30 -0.67 0.00	43.05 -0.61 0.00	39.96 -0.69 0.00	44.76 -1.01 0.00	49.93 -1.33 0.00	49.22 -1.21 0.00	45.34 -0.93 0.00	41.33 -0.76 0.00	37.07 -0.64 0.00	33.44 -0.58 0.00	29.32 -0.66 0.00
BRANSCOMB___SOLAR 323811	31.56 2.04 0.00	27.65 1.81 0.00	26.86 1.67 -1.36	25.21 1.44 -2.57	24.60 1.42 -2.28	24.96 1.56 -1.11	26.75 1.80 0.00	28.96 1.95 0.03	35.27 2.26 -1.16	36.74 2.38 0.60	38.61 2.49 0.00	41.69 2.84 0.00	44.19 3.01 0.00	45.12 3.15 0.00	46.69 3.15 0.12	63.44 2.93 -19.86	104.54 3.43 -55.33	115.08 3.95 -59.87	74.97 3.83 -20.70	59.54 3.56 -9.71	45.41 3.32 0.00	40.54 2.83 0.00	36.49 2.52 0.05	32.20 2.22 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.73 3.34 -4.87	36.65 3.00 -7.82	30.44 2.81 -3.79	25.51 2.37 -1.94	24.96 2.34 -1.73	25.65 2.52 -0.84	28.86 2.99 -0.91	33.38 3.49 -2.85	36.43 3.85 -0.73	39.35 3.46 -0.92	39.84 3.68 -0.03	42.85 3.96 -0.03	50.70 4.57 -4.94	60.19 4.37 -13.86	58.60 4.85 -10.10	62.23 4.51 -17.07	81.46 5.17 -30.52	90.48 5.74 -33.47	74.24 5.35 -18.46	61.94 4.63 -11.04	57.23 4.29 -10.85	46.48 3.62 -5.15	40.54 3.78 -2.75	44.67 3.54 -11.15
BRISTLHL_115KV_TB1 79998	29.08 -0.44 0.00	25.37 -0.47 0.00	23.44 -0.48 -0.08	20.94 -0.40 -0.15	20.63 -0.40 -0.13	21.93 -0.42 -0.06	24.50 -0.45 0.00	26.56 -0.49 0.00	31.17 -0.67 0.00	34.33 -0.63 0.00	35.54 -0.58 0.00	38.28 -0.58 0.00	40.57 -0.62 0.00	41.34 -0.63 0.00	42.79 -0.87 0.00	40.90 -0.77 -1.02	44.95 -0.82 0.00	50.44 -0.82 0.00	49.58 -0.86 0.00	45.57 -0.69 0.00	41.54 -0.55 0.00	37.33 -0.38 0.00	33.65 -0.37 0.00	29.68 -0.30 0.00
BROOKHAVEN___DRP 24191	37.59 3.19 -4.87	36.50 2.84 -7.82	30.27 2.65 -3.79	25.39 2.25 -1.94	24.81 2.19 -1.73	25.49 2.36 -0.84	28.69 2.82 -0.91	33.17 3.27 -2.85	36.17 3.60 -0.73	39.14 3.29 -0.89	39.77 3.65 0.00	42.75 3.89 0.00	69.35 4.61 -23.55	112.81 4.62 -66.22	114.78 5.02 -66.10	100.14 4.67 -54.81	178.33 5.36 -127.20	208.38 6.00 -151.12	166.56 5.60 -110.52	120.20 4.86 -69.07	111.71 4.50 -65.12	66.00 3.70 -24.59	40.95 3.74 -3.19	38.46 3.39 -5.09
BROOKLYN_NAVY_YARD 23515	31.89 2.36 0.00	27.93 2.09 0.00	26.82 1.95 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.69 2.62 -0.02	35.66 3.09 -0.73	39.18 3.32 -0.89	39.15 3.03 0.00	42.39 3.54 0.00	45.06 3.87 0.00	45.96 3.99 0.00	48.33 4.41 -0.26	62.00 4.31 -17.04	71.91 4.99 -21.15	78.90 5.49 -22.15	62.56 5.29 -6.83	53.70 4.40 -3.03	45.79 3.70 0.00	40.91 3.20 0.00	37.26 3.20 -0.04	32.68 2.70 0.00
BROOKLYN___ARMY_DRP 323595	32.16 2.63 -0.01	28.09 2.25 0.00	27.01 2.15 -1.03	24.94 1.80 -1.94	24.37 1.75 -1.73	24.93 1.81 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.32 3.60 -2.76	39.66 3.54 0.00	42.78 3.92 0.00	45.45 4.20 -0.06	46.23 4.20 -0.06	59.40 4.67 -11.07	87.61 4.39 -42.57	138.60 5.17 -87.66	83.10 5.69 -26.15	82.95 5.40 -27.12	83.19 4.67 -32.24	46.00 3.91 0.00	41.35 3.58 -0.06	44.57 3.47 -7.08	32.96 2.97 -0.01

BROOKVLE_69_KV_TB1 55790	37.22 2.83 -4.86	36.16 2.51 -7.82	29.96 2.34 -3.79	25.15 2.01 -1.94	24.58 1.96 -1.73	25.24 2.12 -0.84	28.36 2.50 -0.91	32.87 2.98 -2.85	36.04 3.47 -0.73	39.31 3.46 -0.89	39.95 3.83 0.00	42.90 4.04 0.00	45.82 4.61 -0.02	46.71 4.74 0.00	49.08 5.15 -0.26	62.55 4.84 -17.07	72.42 5.49 -21.16	79.47 6.05 -22.16	63.02 5.75 -6.83	54.25 4.95 -3.03	46.55 4.46 0.00	41.41 3.70 0.00	47.77 3.57 -10.18	35.70 3.15 -2.57
BROOME_2_LFGE 323671	30.03 0.50 0.00	26.17 0.34 0.00	24.23 0.10 -0.30	21.81 0.04 -0.57	21.44 0.04 -0.51	22.67 0.13 -0.25	25.33 0.37 0.00	27.37 0.33 0.00	32.32 0.32 -0.16	35.41 0.45 0.00	36.80 0.68 0.00	39.52 0.66 0.00	41.85 0.66 0.00	42.64 0.67 0.00	44.02 0.35 -0.02	45.40 0.29 -4.47	52.68 0.73 -6.18	58.84 0.97 -6.61	53.59 0.96 -2.20	48.16 0.88 -1.02	42.93 0.84 0.00	38.58 0.87 0.00	34.70 0.68 0.00	30.76 0.78 0.00
BROOME___LFGE 323600	30.03 0.50 0.00	26.17 0.34 0.00	24.23 0.10 -0.30	21.81 0.04 -0.57	21.44 0.04 -0.51	22.67 0.13 -0.25	25.33 0.37 0.00	27.37 0.33 0.00	32.32 0.32 -0.16	35.41 0.45 0.00	36.80 0.68 0.00	39.52 0.66 0.00	41.85 0.66 0.00	42.64 0.67 0.00	44.02 0.35 -0.02	45.40 0.29 -4.47	52.68 0.73 -6.18	58.84 0.97 -6.61	53.59 0.96 -2.20	48.16 0.88 -1.02	42.93 0.84 0.00	38.58 0.87 0.00	34.70 0.68 0.00	30.76 0.78 0.00
BROWNFLS_115KV_TB_3_5 80003	28.82 -0.71 0.00	25.14 -0.70 0.00	23.24 -0.62 -0.03	20.70 -0.55 -0.05	20.37 -0.56 -0.05	21.68 -0.62 -0.02	24.20 -0.75 0.00	26.23 -0.81 0.00	31.05 -0.80 0.00	34.19 -0.77 0.00	35.14 -0.98 0.00	37.81 -1.05 0.00	40.00 -1.19 0.00	40.84 -1.13 0.00	42.52 -1.14 0.00	39.78 -1.22 -0.35	44.12 -1.65 0.00	49.36 -1.90 0.00	48.72 -1.71 0.00	44.79 -1.48 0.00	40.82 -1.26 0.00	36.65 -1.06 0.00	33.14 -0.88 0.00	29.05 -0.93 0.00
BROWNSV1_27_KV_LOAD 356125	32.18 2.66 0.00	28.11 2.27 0.00	27.03 2.17 -1.03	24.98 1.84 -1.94	24.44 1.82 -1.73	25.07 1.94 -0.84	27.22 2.27 0.00	29.94 2.87 -0.02	35.95 3.38 -0.73	39.53 3.67 -0.89	39.80 3.68 0.00	42.86 4.00 0.00	45.56 4.37 0.00	46.50 4.53 0.00	48.86 4.93 -0.26	62.49 4.80 -17.05	72.51 5.58 -21.15	79.61 6.20 -22.15	63.21 5.95 -6.83	54.34 5.04 -3.03	46.34 4.25 0.00	41.33 3.62 0.00	37.53 3.47 -0.04	32.98 3.00 0.00
BURROWS___LYONSDAL 23803	29.94 0.41 0.00	26.12 0.28 0.00	24.08 0.21 -0.03	21.43 0.17 -0.06	21.12 0.17 -0.06	22.49 0.18 -0.03	25.18 0.22 0.00	27.26 0.22 0.00	32.16 0.32 0.00	35.35 0.38 0.00	36.66 0.54 0.00	39.52 0.66 0.00	41.77 0.58 0.00	42.64 0.67 0.00	44.14 0.48 0.00	41.34 0.24 -0.45	46.04 0.27 0.00	51.67 0.41 0.00	50.94 0.50 0.00	46.73 0.46 0.00	42.59 0.51 0.00	38.20 0.49 0.00	34.46 0.44 0.00	30.31 0.33 0.00
CAITHNESS_CC_1 323624	37.53 3.13 -4.87	36.50 2.84 -7.82	30.25 2.62 -3.79	25.36 2.23 -1.94	24.79 2.17 -1.73	25.47 2.34 -0.84	28.66 2.79 -0.91	33.14 3.24 -2.85	36.11 3.53 -0.73	39.18 3.32 -0.89	38.69 2.56 0.00	42.48 3.61 0.00	69.06 4.45 -23.43	112.26 4.41 -65.88	113.57 4.76 -65.15	118.36 4.51 -73.20	175.62 5.17 -124.68	204.75 5.74 -147.74	227.78 5.40 -171.95	118.78 4.67 -67.84	110.78 4.34 -64.36	65.76 3.58 -24.46	41.01 3.81 -3.18	38.39 3.33 -5.08
CALPINE BETH_PAGE_GT4 24209	37.22 2.83 -4.86	36.16 2.51 -7.82	30.06 2.43 -3.79	25.22 2.08 -1.94	24.65 2.03 -1.73	25.31 2.18 -0.84	28.46 2.59 -0.91	32.98 3.08 -2.85	36.08 3.50 -0.73	39.00 3.15 -0.89	39.59 3.47 0.00	42.63 3.77 0.00	45.88 4.37 -0.33	47.26 4.41 -0.88	49.58 4.85 -1.08	62.23 4.51 -17.07	73.27 5.13 -22.37	80.52 5.64 -23.62	62.56 5.30 -6.83	54.67 4.58 -3.82	47.20 4.29 -0.82	41.54 3.51 -0.33	45.46 3.57 -7.87	36.22 3.21 -3.03
CALPINE_BETH_PAGE_GT_4 323586	37.22 2.83 -4.86	36.22 2.56 -7.82	30.06 2.43 -3.79	25.22 2.08 -1.94	24.64 2.03 -1.73	25.31 2.19 -0.84	28.46 2.59 -0.92	32.98 3.08 -2.85	36.08 3.50 -0.73	39.07 3.21 -0.89	38.86 2.74 0.00	42.51 3.65 0.00	45.88 4.36 -0.33	47.25 4.41 -0.88	49.45 4.72 -1.08	62.84 4.47 -17.72	73.22 5.08 -22.37	80.47 5.59 -23.62	64.66 5.29 -8.94	54.67 4.58 -3.82	47.15 4.25 -0.82	41.58 3.54 -0.33	45.53 3.64 -7.87	36.23 3.21 -3.03
CALPINE_BP_GT1 23823	37.22 2.83 -4.86	36.22 2.56 -7.82	30.06 2.43 -3.79	25.22 2.08 -1.94	24.64 2.03 -1.73	25.31 2.19 -0.84	28.46 2.59 -0.92	32.98 3.08 -2.85	36.08 3.50 -0.73	39.07 3.21 -0.89	38.86 2.74 0.00	42.51 3.65 0.00	45.88 4.36 -0.33	47.25 4.41 -0.88	49.45 4.72 -1.08	62.84 4.47 -17.72	73.22 5.08 -22.37	80.47 5.59 -23.62	64.66 5.29 -8.94	54.67 4.58 -3.82	47.15 4.25 -0.82	41.58 3.54 -0.33	45.53 3.64 -7.87	36.23 3.21 -3.03
CALSPAN___DRP 24200	29.82 0.30 0.00	25.76 -0.08 0.00	23.16 -0.83 -0.16	20.55 -0.95 -0.30	20.28 -0.88 -0.27	21.68 -0.74 -0.13	24.93 -0.02 0.00	26.45 -0.60 0.00	30.84 -1.08 -0.07	34.33 -0.63 0.00	35.61 -0.51 0.00	38.51 -0.35 0.00	40.53 -0.66 0.00	41.22 -0.76 0.00	41.66 -2.01 -0.01	41.07 -1.91 -2.34	47.72 -0.96 -2.91	53.87 -0.51 -3.12	50.72 -0.76 -1.04	45.96 -0.48 0.00	41.58 -0.51 0.00	37.90 0.19 0.00	34.22 0.20 0.00	30.76 0.78 0.00
CALVERTON___SOLAR 323806	37.73 3.34 -4.87	36.65 3.00 -7.82	30.34 2.72 -3.79	25.45 2.31 -1.94	24.87 2.26 -1.73	25.56 2.43 -0.84	28.78 2.92 -0.91	33.27 3.38 -2.85	36.33 3.76 -0.73	39.42 3.57 -0.89	38.98 2.85 0.00	42.86 4.00 0.00	69.65 4.86 -23.60	113.21 4.87 -66.38	115.32 5.19 -66.47	120.70 4.96 -75.10	179.62 5.67 -128.17	209.79 6.36 -152.17	231.11 6.00 -174.68	121.05 5.23 -69.55	112.31 4.80 -65.43	66.35 4.00 -24.65	41.33 4.11 -3.20	38.64 3.57 -5.09
CANDIGU_WT_PWR 323617	30.03 0.50 0.00	26.00 0.16 0.00	23.69 -0.36 -0.21	21.15 -0.45 -0.40	20.85 -0.40 -0.35	22.19 -0.27 -0.17	25.18 0.22 0.00	26.97 -0.08 0.00	31.76 -0.19 -0.10	34.89 -0.07 0.00	36.52 0.40 0.00	38.97 0.12 0.00	41.19 0.00 0.00	41.89 -0.08 0.00	42.75 -0.92 -0.01	42.87 -0.86 -3.08	49.75 0.00 -3.98	55.73 0.21 -4.26	52.11 0.25 -1.42	47.06 0.14 -0.66	42.38 0.30 0.00	38.28 0.57 0.00	34.46 0.44 0.00	30.88 0.90 0.00
CARR STREET_E_SYR 24060	29.41 -0.12 0.00	25.63 -0.21 0.00	23.66 -0.26 -0.09	21.13 -0.23 -0.17	20.83 -0.21 -0.15	22.14 -0.22 -0.07	24.78 -0.17 0.00	26.86 -0.19 0.00	31.56 -0.29 0.00	34.65 -0.32 0.00	35.94 -0.18 0.00	38.63 -0.23 0.00	40.98 -0.20 0.00	41.72 -0.25 0.00	43.18 -0.48 0.00	41.37 -0.45 -1.16	45.36 -0.41 0.00	50.85 -0.41 0.00	50.03 -0.41 0.00	45.95 -0.32 0.00	41.88 -0.21 0.00	37.60 -0.11 0.00	33.85 -0.17 0.00	29.89 -0.09 0.00
CARTHAGE___PAPER 23857	29.44 -0.09 0.00	25.66 -0.18 0.00	23.69 -0.19 -0.05	21.12 -0.17 -0.09	20.78 -0.19 -0.08	22.10 -0.22 -0.04	24.73 -0.23 0.00	26.67 -0.38 0.00	31.62 -0.22 0.00	34.89 -0.07 0.00	35.94 -0.18 0.00	38.70 -0.15 0.00	40.86 -0.33 0.00	41.76 -0.21 0.00	43.31 -0.35 0.00	40.69 -0.57 -0.61	44.85 -0.92 0.00	50.44 -0.82 0.00	49.88 -0.55 0.00	45.90 -0.37 0.00	42.00 -0.08 0.00	37.71 0.00 0.00	33.99 -0.03 0.00	29.83 -0.15 0.00

CASSADAGA_WT_PWR 323784	30.56 1.03 0.00	26.28 0.44 0.00	23.62 -0.38 -0.17	20.86 -0.66 -0.32	20.53 -0.65 -0.28	22.16 -0.27 -0.14	25.48 0.52 0.00	26.94 -0.11 0.00	31.67 -0.26 -0.08	35.03 0.07 0.00	36.77 0.65 0.00	38.82 -0.04 0.00	40.98 -0.20 0.00	41.63 -0.34 0.00	42.18 -1.48 -0.01	41.71 -1.38 -2.45	48.62 -0.23 -3.07	54.50 -0.05 -3.29	51.58 0.05 -1.10	46.96 0.19 -0.51	42.59 0.51 0.00	38.95 1.24 0.00	35.08 1.06 0.00	31.33 1.35 0.00
CE_DUNWOOD___DRP 24194	31.62 2.10 0.00	27.73 1.89 0.00	26.62 1.76 -1.02	24.66 1.53 -1.93	24.12 1.50 -1.72	24.75 1.63 -0.84	26.82 1.87 0.00	29.40 2.33 -0.02	35.28 2.71 -0.73	38.81 2.94 -0.91	39.12 3.00 0.00	42.08 3.23 0.00	44.73 3.54 0.00	45.62 3.65 0.00	47.98 4.06 -0.26	61.55 3.90 -17.00	71.35 4.49 -21.09	78.32 4.97 -22.09	62.09 4.84 -6.81	53.36 4.07 -3.02	45.54 3.45 0.00	40.65 2.94 0.00	36.78 2.72 -0.04	32.35 2.37 0.00
CE_MILLWOOD___DRP 24193	31.53 2.01 0.00	27.65 1.81 0.00	26.57 1.72 -1.02	24.61 1.48 -1.92	24.07 1.46 -1.71	24.68 1.56 -0.83	26.75 1.80 0.00	29.29 2.22 -0.02	35.18 2.61 -0.72	38.70 2.80 -0.95	39.01 2.89 0.00	41.97 3.11 0.00	44.61 3.42 0.00	45.50 3.53 0.00	47.81 3.89 -0.26	61.29 3.74 -16.90	71.10 4.35 -20.98	78.00 4.77 -21.97	61.85 4.64 -6.78	53.16 3.89 -3.01	45.41 3.32 0.00	40.50 2.79 0.00	36.64 2.59 -0.04	32.23 2.25 0.00
CE_NYC2_DRP 24202	31.97 2.45 0.00	27.96 2.12 0.00	26.91 2.05 -1.03	24.85 1.72 -1.94	24.31 1.69 -1.73	24.91 1.78 -0.84	27.05 2.10 0.00	29.76 2.68 -0.03	36.03 3.15 -1.03	41.11 3.39 -2.76	39.51 3.40 0.00	42.51 3.65 0.00	45.06 3.87 0.00	45.92 3.95 0.00	48.29 4.37 -0.26	61.84 4.15 -17.05	71.77 4.85 -21.15	78.74 5.33 -22.15	57.21 5.04 -1.73	53.59 4.30 -3.02	45.70 3.62 0.00	40.99 3.28 0.00	37.26 3.20 -0.05	32.78 2.79 -0.01
CE_NYC_DRP 24195	31.86 2.33 0.00	27.88 2.04 0.00	26.82 1.95 -1.03	24.81 1.67 -1.94	24.27 1.65 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.67 2.60 -0.02	35.63 3.06 -0.73	39.18 3.32 -0.89	39.44 3.32 0.00	42.47 3.61 0.00	45.14 3.95 0.00	46.04 4.07 0.00	48.42 4.50 -0.26	62.00 4.31 -17.05	71.96 5.03 -21.15	78.95 5.54 -22.15	62.56 5.30 -6.83	53.74 4.44 -3.03	45.83 3.75 0.00	40.88 3.17 0.00	37.15 3.10 -0.04	32.65 2.67 0.00
CHAFFEE___LFGE 323603	29.94 0.41 0.00	25.71 -0.13 0.00	23.22 -0.79 -0.17	20.62 -0.89 -0.31	20.33 -0.84 -0.28	21.75 -0.67 -0.14	25.05 0.10 0.00	26.61 -0.43 0.00	31.35 -0.57 -0.08	34.68 -0.28 0.00	36.37 0.25 0.00	38.70 -0.15 0.00	40.86 -0.33 0.00	41.59 -0.38 0.00	42.10 -1.57 -0.01	41.44 -1.63 -2.42	48.31 -0.50 -3.04	54.26 -0.26 -3.25	51.17 -0.35 -1.08	46.40 -0.37 -0.50	41.88 -0.21 0.00	38.05 0.34 0.00	34.33 0.31 0.00	31.00 1.02 0.00
CHATEAUG_35_KV_LOAD 355732	29.70 0.18 0.00	25.99 0.16 0.00	24.07 0.24 0.00	21.43 0.23 0.00	21.08 0.19 0.00	22.46 0.18 0.00	25.03 0.07 0.00	27.18 0.14 0.00	32.13 0.29 0.00	35.24 0.28 0.00	36.08 -0.04 0.00	38.66 -0.19 0.00	40.98 -0.21 0.00	41.80 -0.17 0.00	43.79 0.13 0.00	40.77 0.12 0.00	45.54 -0.23 0.00	50.80 -0.46 0.00	49.98 -0.45 0.00	45.85 -0.42 0.00	41.62 -0.46 0.00	37.26 -0.45 0.00	33.71 -0.31 0.00	29.50 -0.48 0.00
CHATEAUG_WT_PWR 323614	29.73 0.21 0.00	26.02 0.18 0.00	24.10 0.26 0.00	21.45 0.26 0.00	21.10 0.21 0.00	22.46 0.18 0.00	25.03 0.08 0.00	27.18 0.14 0.00	32.13 0.29 0.00	35.28 0.31 0.00	36.26 0.15 0.00	38.70 -0.15 0.00	41.07 -0.12 0.00	41.89 -0.08 0.00	43.88 0.22 0.00	40.81 0.16 0.00	45.59 -0.18 0.00	50.85 -0.41 0.00	50.03 -0.41 0.00	45.85 -0.42 0.00	41.66 -0.42 0.00	37.26 -0.45 0.00	33.68 -0.34 0.00	29.53 -0.45 0.00
CHAT_HIGH_FALL_HYD 323578	29.70 0.18 0.00	26.00 0.16 0.00	24.07 0.24 0.00	21.43 0.23 0.00	21.08 0.19 0.00	22.46 0.18 0.00	25.03 0.08 0.00	27.18 0.14 0.00	32.10 0.25 0.00	35.24 0.28 0.00	36.19 0.07 0.00	38.66 -0.19 0.00	40.98 -0.20 0.00	41.80 -0.17 0.00	43.84 0.18 0.00	40.77 0.12 0.00	45.54 -0.23 0.00	50.85 -0.41 0.00	49.98 -0.45 0.00	45.85 -0.42 0.00	41.66 -0.42 0.00	37.26 -0.45 0.00	33.65 -0.37 0.00	29.50 -0.48 0.00
CHAUTAUQUA___LFGE 323629	30.26 0.74 0.00	26.02 0.18 0.00	23.50 -0.50 -0.17	20.83 -0.68 -0.31	20.52 -0.65 -0.28	22.02 -0.40 -0.13	25.28 0.32 0.00	26.83 -0.22 0.00	31.57 -0.35 -0.08	34.96 0.00 0.00	36.69 0.58 0.00	38.90 0.04 0.00	41.07 -0.12 0.00	41.80 -0.17 0.00	42.31 -1.35 -0.01	41.80 -1.26 -2.41	48.65 -0.14 -3.02	54.54 0.05 -3.23	51.56 0.05 -1.08	46.81 0.05 -0.50	42.34 0.25 0.00	38.54 0.83 0.00	34.70 0.68 0.00	31.18 1.20 0.00
CHERRYST_13_KV_LD 356241	31.97 2.45 0.00	27.96 2.12 0.00	26.89 2.03 -1.03	24.88 1.74 -1.94	24.33 1.71 -1.73	24.95 1.83 -0.84	27.10 2.15 0.00	29.80 2.73 -0.02	35.79 3.22 -0.73	39.39 3.53 -0.89	39.62 3.50 0.00	42.70 3.85 0.00	45.39 4.20 0.00	46.30 4.32 0.00	48.64 4.72 -0.26	62.29 4.59 -17.05	72.23 5.31 -21.15	79.25 5.84 -22.15	62.86 5.60 -6.83	53.97 4.67 -3.03	46.00 3.91 0.00	41.03 3.32 0.00	37.29 3.23 -0.04	32.74 2.76 0.00
CHESTROR_138KV_BK263 355645	31.09 1.56 0.00	27.29 1.45 0.00	26.13 1.36 -0.93	24.12 1.17 -1.76	23.63 1.17 -1.57	24.30 1.25 -0.76	26.40 1.45 0.00	28.80 1.73 -0.02	34.46 1.97 -0.64	37.06 2.03 -0.07	38.25 2.13 0.00	41.15 2.29 0.00	43.74 2.55 0.00	44.62 2.64 0.00	46.85 2.97 -0.22	58.75 2.85 -15.26	68.02 3.30 -18.95	74.78 3.64 -19.88	60.14 3.53 -6.18	51.98 2.96 -2.75	44.61 2.53 0.00	39.86 2.15 0.00	36.02 1.97 -0.03	31.69 1.71 0.00
CH_MIDHUDSON___DRP 24192	31.44 1.92 0.00	27.57 1.73 0.00	26.48 1.60 -1.05	24.58 1.40 -1.98	24.04 1.38 -1.77	24.62 1.47 -0.86	26.65 1.70 0.00	29.06 2.00 -0.02	34.83 2.32 -0.66	37.78 2.38 -0.44	38.54 2.42 0.00	41.46 2.60 0.00	44.16 2.97 0.00	45.04 3.06 0.00	47.35 3.49 -0.19	60.71 3.33 -16.73	70.32 3.71 -20.84	77.34 4.10 -21.98	61.37 3.98 -6.96	52.77 3.38 -3.13	44.99 2.90 0.00	40.20 2.49 0.00	36.33 2.28 -0.03	31.93 1.95 0.00
CH_MISC_IPPS 23765	31.59 2.07 0.00	27.72 1.89 0.00	26.58 1.72 -1.03	24.62 1.48 -1.94	24.08 1.46 -1.73	24.69 1.56 -0.84	26.77 1.82 0.00	29.25 2.19 -0.02	35.06 2.55 -0.66	37.87 2.48 -0.43	38.46 2.35 0.00	41.62 2.76 0.00	44.40 3.21 0.00	45.29 3.32 0.00	47.58 3.71 -0.21	60.79 3.62 -16.52	70.28 3.94 -20.57	77.33 4.41 -21.66	61.53 4.28 -6.81	52.94 3.61 -3.06	45.20 3.11 0.00	40.43 2.72 0.00	36.53 2.48 -0.03	32.05 2.07 0.00
CH_RES_BVR_FALLS 23983	29.14 -0.38 0.00	25.50 -0.34 0.00	23.55 -0.28 0.00	20.95 -0.25 0.00	20.64 -0.25 0.00	22.00 -0.29 0.00	24.60 -0.35 0.00	26.67 -0.38 0.00	31.43 -0.41 0.00	34.54 -0.42 0.00	35.61 -0.51 0.00	38.28 -0.58 0.00	40.57 -0.62 0.00	41.34 -0.63 0.00	43.09 -0.57 0.00	40.12 -0.53 0.00	45.04 -0.73 0.00	50.39 -0.87 0.00	49.63 -0.81 0.00	45.53 -0.74 0.00	41.46 -0.63 0.00	37.11 -0.60 0.00	33.48 -0.55 0.00	29.47 -0.51 0.00

CH_RES_NIAGARA 23895	28.73 -0.80 0.00	24.63 -1.21 0.00	22.70 -1.29 -0.15	20.14 -1.33 -0.28	19.95 -1.19 -0.25	21.23 -1.18 -0.12	24.08 -0.87 0.00	25.42 -1.62 0.00	29.94 -1.97 -0.07	33.11 -1.85 0.00	34.67 -1.45 0.00	36.80 -2.06 0.00	38.88 -2.31 0.00	39.45 -2.52 0.00	39.83 -3.84 -0.01	39.47 -3.33 -2.15	45.44 -2.97 -2.65	51.12 -2.97 -2.83	48.30 -3.08 -0.94	44.02 -2.68 -0.44	39.77 -2.31 0.00	36.32 -1.39 0.00	32.86 -1.16 0.00	29.77 -0.21 0.00
CH_RES_SYRACUSE 23985	29.58 0.06 0.00	25.79 -0.05 0.00	23.82 -0.12 -0.10	21.28 -0.11 -0.19	20.95 -0.10 -0.17	22.28 -0.09 -0.08	24.93 -0.02 0.00	27.02 -0.03 0.00	31.78 -0.06 0.00	34.96 0.00 0.00	36.30 0.18 0.00	39.05 0.20 0.00	41.40 0.21 0.00	42.14 0.17 0.00	43.57 -0.09 0.00	41.86 -0.08 -1.30	45.77 0.00 0.00	51.36 0.10 0.00	50.48 0.05 0.00	46.36 0.09 0.00	42.34 0.25 0.00	37.98 0.27 0.00	34.19 0.17 0.00	30.16 0.18 0.00
CLINTON_WT_PWR 323605	29.73 0.21 0.00	26.02 0.18 0.00	24.10 0.26 0.00	21.45 0.26 0.00	21.10 0.21 0.00	22.46 0.18 0.00	25.03 0.08 0.00	27.18 0.14 0.00	32.13 0.29 0.00	35.28 0.31 0.00	36.26 0.15 0.00	38.70 -0.15 0.00	41.07 -0.12 0.00	41.89 -0.08 0.00	43.88 0.22 0.00	40.81 0.16 0.00	45.59 -0.18 0.00	50.85 -0.41 0.00	50.03 -0.41 0.00	45.85 -0.42 0.00	41.66 -0.42 0.00	37.26 -0.45 0.00	33.68 -0.34 0.00	29.53 -0.45 0.00
CLINTON___LFGE 323618	30.06 0.53 0.00	26.28 0.44 0.00	24.34 0.50 0.00	21.66 0.47 0.00	21.29 0.40 0.00	22.71 0.42 0.00	25.30 0.35 0.00	27.48 0.43 0.00	32.48 0.64 0.00	35.70 0.74 0.00	36.62 0.51 0.00	39.13 0.27 0.00	41.52 0.33 0.00	42.31 0.33 0.00	44.32 0.66 0.00	41.26 0.61 0.00	46.00 0.23 0.00	51.36 0.10 0.00	50.48 0.05 0.00	46.31 0.05 0.00	42.13 0.04 0.00	37.71 0.00 0.00	34.02 0.00 0.00	29.83 -0.15 0.00
COBBLENY_34_KV_TB1 80064	29.97 0.44 0.00	25.89 0.05 0.00	23.21 -0.79 -0.17	20.62 -0.89 -0.31	20.36 -0.81 -0.28	21.73 -0.69 -0.14	25.05 0.10 0.00	26.61 -0.43 0.00	31.06 -0.86 -0.08	34.58 -0.38 0.00	35.87 -0.25 0.00	38.78 -0.08 0.00	40.86 -0.33 0.00	41.59 -0.38 0.00	42.05 -1.62 -0.01	41.45 -1.63 -2.42	48.26 -0.55 -3.04	54.46 -0.05 -3.25	51.17 -0.35 -1.08	46.35 -0.42 -0.50	41.87 -0.21 0.00	38.16 0.45 0.00	34.43 0.41 0.00	30.94 0.96 0.00
COFFEEN___115KV_TB3 355620	29.85 0.32 0.00	26.02 0.18 0.00	23.96 0.07 -0.05	21.36 0.06 -0.10	21.02 0.04 -0.09	22.33 0.00 -0.04	25.00 0.05 0.00	26.94 -0.11 0.00	32.00 0.16 0.00	35.31 0.35 0.00	36.44 0.33 0.00	39.32 0.47 0.00	41.48 0.29 0.00	42.35 0.38 0.00	43.88 0.22 0.00	41.26 -0.08 -0.69	45.27 -0.50 0.00	51.06 -0.21 0.00	50.48 0.05 0.00	46.73 0.46 0.00	42.80 0.72 0.00	38.46 0.75 0.00	34.53 0.51 0.00	30.28 0.30 0.00
COLDSPRG_115KV_BK1 355956	30.65 1.12 0.00	26.51 0.67 0.00	23.58 -0.43 -0.17	20.89 -0.64 -0.33	20.58 -0.61 -0.29	22.14 -0.29 -0.14	25.63 0.67 0.00	27.29 0.24 0.00	31.83 -0.10 -0.08	35.38 0.42 0.00	36.66 0.54 0.00	39.40 0.54 0.00	41.48 0.29 0.00	42.22 0.25 0.00	42.80 -0.87 -0.01	42.08 -1.10 -2.54	49.33 0.37 -3.20	55.51 0.82 -3.42	52.18 0.61 -1.14	47.35 0.56 -0.53	42.93 0.84 0.00	39.18 1.47 0.00	35.35 1.33 0.00	31.57 1.59 0.00
COLONIE_LFGE___ 323577	30.97 1.45 0.00	27.18 1.34 0.00	26.41 1.24 -1.34	24.81 1.08 -2.53	24.21 1.06 -2.25	24.54 1.16 -1.10	26.30 1.35 0.00	28.41 1.41 0.04	34.46 1.65 -0.96	36.00 1.75 0.71	37.85 1.73 0.00	40.84 1.98 0.00	43.33 2.14 0.00	44.15 2.18 0.00	45.79 2.31 0.18	61.49 2.19 -18.65	97.25 2.52 -48.96	107.24 2.82 -53.16	71.79 2.77 -18.58	57.52 2.50 -8.76	44.31 2.23 0.00	39.63 1.92 0.00	35.70 1.73 0.06	31.48 1.50 0.00
COOPERNY_115KV_TB1 80082	30.71 1.18 0.00	26.95 1.11 0.00	25.56 1.02 -0.70	23.40 0.89 -1.31	22.94 0.88 -1.17	23.81 0.96 -0.57	26.05 1.10 0.00	28.36 1.30 -0.01	33.79 1.50 -0.45	36.62 1.54 -0.12	37.78 1.66 0.00	40.65 1.79 0.00	43.17 1.98 0.00	43.99 2.01 0.00	46.02 2.23 -0.14	53.89 2.11 -11.13	62.16 2.47 -13.92	68.69 2.77 -14.67	57.78 2.72 -4.62	50.66 2.31 -2.08	44.06 1.98 0.00	39.37 1.66 0.00	35.57 1.53 -0.02	31.30 1.32 0.00
COPENHAGEN_WT_PWR 323753	29.58 0.06 0.00	25.76 -0.08 0.00	23.77 -0.12 -0.05	21.20 -0.11 -0.10	20.86 -0.12 -0.09	22.18 -0.15 -0.04	24.83 -0.12 0.00	26.78 -0.27 0.00	31.75 -0.10 0.00	35.03 0.07 0.00	36.15 0.04 0.00	38.94 0.08 0.00	41.11 -0.08 0.00	41.97 0.00 0.00	43.49 -0.17 0.00	40.95 -0.41 -0.71	44.99 -0.78 0.00	50.65 -0.61 0.00	50.08 -0.35 0.00	46.18 -0.09 0.00	42.25 0.17 0.00	38.01 0.30 0.00	34.16 0.14 0.00	30.01 0.03 0.00
CORNELL___ 23752	30.38 0.86 0.00	26.49 0.65 0.00	24.45 0.41 -0.21	21.91 0.32 -0.40	21.58 0.33 -0.35	22.86 0.40 -0.17	25.58 0.62 0.00	27.67 0.62 0.00	32.56 0.61 -0.11	35.70 0.73 0.00	37.02 0.90 0.00	39.87 1.01 0.00	42.22 1.03 0.00	42.98 1.01 0.00	44.37 0.70 -0.01	44.40 0.65 -3.11	51.06 1.10 -4.19	57.34 1.59 -4.49	53.54 1.61 -1.50	48.53 1.57 -0.69	43.68 1.60 0.00	39.18 1.47 0.00	35.18 1.16 0.00	31.06 1.08 0.00
CORONA_AAV_69_KV_TB1 355595	37.28 2.89 -4.86	36.22 2.56 -7.82	30.01 2.38 -3.79	25.17 2.04 -1.94	24.60 1.98 -1.73	25.24 2.12 -0.84	28.36 2.50 -0.91	32.87 2.98 -2.85	35.98 3.41 -0.73	39.10 3.25 -0.89	39.69 3.58 0.00	42.78 3.92 0.00	45.74 4.53 -0.02	46.59 4.62 0.00	48.90 4.98 -0.26	62.43 4.72 -17.07	72.29 5.36 -21.16	79.36 5.95 -22.16	62.86 5.60 -6.83	54.25 4.95 -3.03	46.59 4.50 0.00	41.44 3.73 0.00	71.59 3.78 -33.79	35.73 3.18 -2.57
CORTLAND_115KV_TB3 80093	30.09 0.56 0.00	26.25 0.41 0.00	24.22 0.21 -0.17	21.69 0.17 -0.32	21.35 0.17 -0.29	22.65 0.22 -0.14	25.35 0.40 0.00	27.45 0.41 0.00	32.31 0.38 -0.08	35.45 0.49 0.00	36.80 0.69 0.00	39.64 0.78 0.00	41.97 0.78 0.00	42.73 0.76 0.00	44.19 0.52 -0.01	43.61 0.45 -2.52	49.74 0.78 -3.19	55.75 1.08 -3.41	52.63 1.06 -1.14	47.81 1.02 -0.53	43.14 1.05 0.00	38.73 1.02 0.00	34.80 0.78 0.00	30.70 0.72 0.00
COXSACKIE___GT 23611	31.71 2.18 0.00	27.72 1.89 0.00	26.67 1.60 -1.24	24.93 1.40 -2.33	24.35 1.38 -2.07	24.83 1.54 -1.01	26.90 1.95 0.00	29.12 2.08 0.01	34.87 2.36 -0.67	36.67 1.92 0.21	37.82 1.70 0.00	40.45 1.59 0.00	43.21 2.02 0.00	44.03 2.06 0.00	46.30 2.66 0.03	60.52 2.48 -17.40	78.15 2.29 -30.09	84.23 2.71 -30.25	63.93 2.37 -11.12	53.82 2.36 -5.20	44.31 2.23 0.00	39.74 2.03 0.00	36.25 2.24 0.02	31.72 1.74 0.00
CPV_VALLEY___CC1 323721	30.85 1.33 0.00	27.13 1.29 0.00	25.85 1.17 -0.85	23.82 1.02 -1.60	23.32 1.00 -1.43	24.07 1.09 -0.69	26.20 1.25 0.00	28.58 1.51 -0.02	34.13 1.72 -0.57	36.90 1.78 -0.15	37.82 1.70 0.00	40.88 2.02 0.00	43.41 2.22 0.00	44.28 2.31 0.00	46.43 2.58 -0.19	56.98 2.52 -13.81	65.78 2.89 -17.13	72.43 3.18 -17.99	59.17 3.13 -5.61	51.36 2.59 -2.50	44.27 2.19 0.00	39.59 1.88 0.00	35.82 1.77 -0.03	31.48 1.50 0.00

CPV_VALLEY___CC2 323722	30.85 1.33 0.00	27.13 1.29 0.00	25.85 1.17 -0.85	23.82 1.02 -1.60	23.32 1.00 -1.43	24.07 1.09 -0.69	26.20 1.25 0.00	28.58 1.51 -0.02	34.13 1.72 -0.57	36.90 1.78 -0.15	37.82 1.70 0.00	40.88 2.02 0.00	43.41 2.22 0.00	44.28 2.31 0.00	46.43 2.58 -0.19	56.98 2.52 -13.81	65.78 2.89 -17.13	72.43 3.18 -17.99	59.17 3.13 -5.61	51.36 2.59 -2.50	44.27 2.19 0.00	39.59 1.88 0.00	35.82 1.77 -0.03	31.48 1.50 0.00
CRESCENT___HYD 24018	30.97 1.45 0.00	27.18 1.34 0.00	26.41 1.24 -1.34	24.81 1.08 -2.53	24.21 1.06 -2.25	24.54 1.16 -1.10	26.30 1.35 0.00	28.41 1.41 0.04	34.46 1.65 -0.96	36.00 1.75 0.71	37.85 1.73 0.00	40.84 1.98 0.00	43.33 2.14 0.00	44.15 2.18 0.00	45.79 2.31 0.18	61.49 2.19 -18.65	97.25 2.52 -48.96	107.24 2.82 -53.16	71.79 2.77 -18.58	57.52 2.50 -8.76	44.31 2.23 0.00	39.63 1.92 0.00	35.70 1.73 0.06	31.48 1.50 0.00
CRICKET___VALLEY_CC1 323756	31.12 1.59 0.00	27.36 1.52 0.00	26.34 1.41 -1.10	24.50 1.23 -2.07	23.94 1.21 -1.84	24.45 1.27 -0.90	26.37 1.42 0.00	28.24 1.57 0.37	30.27 1.85 3.42	29.14 1.92 7.75	37.92 1.81 0.00	40.99 2.14 0.00	43.54 2.35 0.00	44.36 2.39 0.00	43.20 2.71 3.16	27.73 2.64 15.56	27.34 3.02 21.45	39.08 3.33 15.51	56.92 3.23 -3.26	52.33 2.73 -3.33	44.36 2.27 0.00	39.71 2.00 0.00	35.28 1.84 0.57	31.54 1.56 0.00
CRICKET___VALLEY_CC2 323757	31.12 1.59 0.00	27.36 1.52 0.00	26.34 1.41 -1.10	24.50 1.23 -2.07	23.94 1.21 -1.84	24.45 1.27 -0.90	26.37 1.42 0.00	28.24 1.57 0.37	30.27 1.85 3.42	29.14 1.92 7.75	37.92 1.81 0.00	40.99 2.14 0.00	43.54 2.35 0.00	44.36 2.39 0.00	43.20 2.71 3.16	27.73 2.64 15.56	27.34 3.02 21.45	39.08 3.33 15.51	56.92 3.23 -3.26	52.33 2.73 -3.33	44.36 2.27 0.00	39.71 2.00 0.00	35.28 1.84 0.57	31.54 1.56 0.00
CRICKET___VALLEY_CC3 323758	31.12 1.59 0.00	27.36 1.52 0.00	26.34 1.41 -1.10	24.50 1.23 -2.07	23.94 1.21 -1.84	24.45 1.27 -0.90	26.37 1.42 0.00	28.24 1.57 0.37	30.27 1.85 3.42	29.14 1.92 7.75	37.92 1.81 0.00	40.99 2.14 0.00	43.54 2.35 0.00	44.36 2.39 0.00	43.20 2.71 3.16	27.73 2.64 15.56	27.34 3.02 21.45	39.08 3.33 15.51	56.92 3.23 -3.26	52.33 2.73 -3.33	44.36 2.27 0.00	39.71 2.00 0.00	35.28 1.84 0.57	31.54 1.56 0.00
CRUCIBLE_METL_DRP 24180	29.58 0.06 0.00	25.81 -0.03 0.00	23.81 -0.12 -0.10	21.28 -0.11 -0.19	20.95 -0.10 -0.17	22.28 -0.09 -0.08	24.93 -0.02 0.00	27.02 -0.03 0.00	31.75 -0.10 0.00	34.96 0.00 0.00	36.26 0.14 0.00	39.05 0.19 0.00	41.40 0.21 0.00	42.14 0.17 0.00	43.57 -0.09 0.00	41.86 -0.08 -1.30	45.77 0.00 0.00	51.36 0.10 0.00	50.48 0.05 0.00	46.36 0.09 0.00	42.34 0.25 0.00	38.01 0.30 0.00	34.19 0.17 0.00	30.16 0.18 0.00
DAHOWA___HYDRO 323763	31.68 2.15 0.00	27.75 1.91 0.00	26.96 1.76 -1.36	25.28 1.51 -2.57	24.69 1.51 -2.29	25.05 1.65 -1.11	26.85 1.90 0.00	29.13 2.11 0.03	35.46 2.42 -1.20	37.01 2.62 0.58	38.86 2.74 0.00	41.97 3.11 0.00	44.44 3.25 0.00	45.37 3.40 0.00	46.96 3.41 0.10	63.86 3.13 -20.08	105.83 3.75 -56.30	116.40 4.25 -60.89	75.58 4.14 -21.01	60.00 3.89 -9.85	45.71 3.62 0.00	40.76 3.05 0.00	36.70 2.72 0.05	32.35 2.37 0.00
DANC___LFGE 323619	29.41 -0.12 0.00	25.63 -0.21 0.00	23.66 -0.24 -0.06	21.11 -0.21 -0.12	20.77 -0.23 -0.11	22.09 -0.24 -0.05	24.73 -0.23 0.00	26.69 -0.35 0.00	31.56 -0.29 0.00	34.79 -0.17 0.00	35.97 -0.14 0.00	38.66 -0.19 0.00	40.86 -0.33 0.00	41.72 -0.25 0.00	43.22 -0.44 0.00	40.91 -0.57 -0.83	44.90 -0.87 0.00	50.49 -0.77 0.00	49.83 -0.60 0.00	45.90 -0.37 0.00	41.96 -0.13 0.00	37.75 0.04 0.00	33.99 -0.03 0.00	29.89 -0.09 0.00
DANSKAMMER___1 23586	31.59 2.07 0.00	27.72 1.89 0.00	26.58 1.72 -1.03	24.62 1.48 -1.94	24.08 1.46 -1.73	24.69 1.56 -0.84	26.77 1.82 0.00	29.25 2.19 -0.02	35.06 2.55 -0.66	37.87 2.48 -0.43	38.46 2.35 0.00	41.62 2.76 0.00	44.40 3.21 0.00	45.29 3.32 0.00	47.58 3.71 -0.21	60.79 3.62 -16.52	70.28 3.94 -20.57	77.33 4.41 -21.66	61.53 4.28 -6.81	52.94 3.61 -3.06	45.20 3.11 0.00	40.43 2.72 0.00	36.53 2.48 -0.03	32.05 2.07 0.00
DANSKAMMER___2 23589	31.59 2.07 0.00	27.72 1.89 0.00	26.58 1.72 -1.03	24.62 1.48 -1.94	24.08 1.46 -1.73	24.69 1.56 -0.84	26.77 1.82 0.00	29.25 2.19 -0.02	35.06 2.55 -0.66	37.87 2.48 -0.43	38.46 2.35 0.00	41.62 2.76 0.00	44.40 3.21 0.00	45.29 3.32 0.00	47.58 3.71 -0.21	60.79 3.62 -16.52	70.28 3.94 -20.57	77.33 4.41 -21.66	61.53 4.28 -6.81	52.94 3.61 -3.06	45.20 3.11 0.00	40.43 2.72 0.00	36.53 2.48 -0.03	32.05 2.07 0.00
DANSKAMMER___3 23590	31.59 2.07 0.00	27.72 1.89 0.00	26.58 1.72 -1.03	24.62 1.48 -1.94	24.08 1.46 -1.73	24.69 1.56 -0.84	26.77 1.82 0.00	29.25 2.19 -0.02	35.06 2.55 -0.66	37.87 2.48 -0.43	38.46 2.35 0.00	41.62 2.76 0.00	44.40 3.21 0.00	45.29 3.32 0.00	47.58 3.71 -0.21	60.79 3.62 -16.52	70.28 3.94 -20.57	77.33 4.41 -21.66	61.53 4.28 -6.81	52.94 3.61 -3.06	45.20 3.11 0.00	40.43 2.72 0.00	36.53 2.48 -0.03	32.05 2.07 0.00
DANSKAMMER___4 23591	31.59 2.07 0.00	27.72 1.89 0.00	26.58 1.72 -1.03	24.62 1.48 -1.94	24.08 1.46 -1.73	24.69 1.56 -0.84	26.77 1.82 0.00	29.25 2.19 -0.02	35.06 2.55 -0.66	37.87 2.48 -0.43	38.46 2.35 0.00	41.62 2.76 0.00	44.40 3.21 0.00	45.29 3.32 0.00	47.58 3.71 -0.21	60.79 3.62 -16.52	70.28 3.94 -20.57	77.33 4.41 -21.66	61.53 4.28 -6.81	52.94 3.61 -3.06	45.20 3.11 0.00	40.43 2.72 0.00	36.53 2.48 -0.03	32.05 2.07 0.00
DANSKAMMER___DIESEL 23592	31.59 2.07 0.00	27.67 1.83 0.00	26.58 1.72 -1.03	24.62 1.48 -1.94	24.08 1.46 -1.73	24.69 1.56 -0.84	26.77 1.82 0.00	29.25 2.19 -0.02	35.03 2.52 -0.67	37.90 2.52 -0.43	38.68 2.56 0.00	41.62 2.76 0.00	44.40 3.21 0.00	45.29 3.32 0.00	47.67 3.80 -0.21	60.80 3.62 -16.54	70.36 3.98 -20.61	77.36 4.41 -21.69	61.54 4.29 -6.82	52.93 3.61 -3.06	45.24 3.16 0.00	40.39 2.68 0.00	36.50 2.45 -0.03	32.05 2.07 0.00
DARBY___SOLAR 323810	31.59 2.07 0.00	27.67 1.83 0.00	26.89 1.69 -1.36	25.23 1.46 -2.57	24.62 1.44 -2.28	24.98 1.58 -1.11	26.80 1.85 0.00	29.01 2.00 0.03	35.36 2.36 -1.16	36.88 2.52 0.60	38.75 2.64 0.00	41.85 2.99 0.00	44.32 3.13 0.00	45.25 3.28 0.00	46.86 3.32 0.12	63.57 3.05 -19.88	104.77 3.61 -55.38	115.29 4.10 -59.92	75.09 3.94 -20.72	59.64 3.65 -9.72	45.49 3.41 0.00	40.61 2.90 0.00	36.56 2.58 0.05	32.23 2.25 0.00
DASHVILLE___HYD 23610	31.09 1.56 0.00	27.26 1.42 0.00	26.04 1.14 -1.06	24.20 1.00 -2.01	23.66 0.98 -1.79	24.20 1.05 -0.87	26.35 1.40 0.00	29.38 2.33 -0.01	34.65 2.17 -0.64	37.64 2.52 -0.16	37.96 1.84 0.00	40.88 2.02 0.00	43.78 2.59 0.00	44.66 2.69 0.00	47.89 4.10 -0.13	60.71 3.94 -16.12	71.19 2.98 -22.45	77.78 3.28 -23.24	61.32 3.13 -7.75	52.35 2.54 -3.54	44.32 2.23 0.00	39.63 1.92 0.00	36.21 2.18 -0.01	31.51 1.53 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	38.74 4.34 -4.87	37.46 3.80 -7.82	31.08 3.46 -3.79	26.08 2.95 -1.94	25.50 2.88 -1.73	26.20 3.08 -0.84	29.53 3.67 -0.91	34.11 4.22 -2.85	37.41 4.84 -0.73	40.68 4.82 -0.89	41.65 5.53 0.00	44.85 5.98 0.00	71.74 6.88 -23.67	115.46 6.93 -66.56	118.03 7.33 -67.04	103.92 6.91 -56.36	183.39 7.92 -129.71	214.63 8.92 -154.45	171.87 8.37 -113.06	123.92 7.36 -70.30	114.57 6.61 -65.88	67.97 5.54 -24.72	42.50 5.27 -3.21	39.75 4.68 -5.09
DELAWARE___LFGE 323621	30.73 1.21 0.00	26.95 1.11 0.00	25.18 0.98 -0.37	22.75 0.85 -0.70	22.35 0.84 -0.62	23.50 0.91 -0.30	26.05 1.10 0.00	28.21 1.16 0.00	33.53 1.34 -0.35	36.43 1.47 0.00	37.71 1.59 0.00	40.61 1.75 0.00	43.00 1.81 0.00	43.82 1.85 0.00	45.53 1.83 -0.04	48.29 1.67 -5.97	61.20 1.92 -13.50	68.02 2.31 -14.45	57.52 2.27 -4.82	50.67 2.17 -2.22	44.02 1.94 0.00	39.41 1.70 0.00	35.48 1.46 0.00	31.27 1.29 0.00
DERFIELD_115KV_TB7 355931	29.61 0.09 0.00	25.92 0.08 0.00	23.91 0.07 0.00	21.26 0.06 0.00	20.96 0.06 0.00	22.35 0.07 0.00	25.03 0.07 0.00	27.10 0.05 0.00	31.94 0.10 0.00	35.07 0.10 0.00	36.26 0.14 0.00	39.01 0.16 0.00	41.31 0.12 0.00	42.10 0.13 0.00	43.79 0.13 0.00	40.73 0.08 0.00	45.91 0.14 0.00	51.47 0.21 0.00	50.59 0.15 0.00	46.45 0.19 0.00	42.21 0.13 0.00	37.82 0.11 0.00	34.09 0.07 0.00	30.07 0.09 0.00
DOGLEVILLE___HYD 23807	29.35 -0.18 0.00	25.66 -0.18 0.00	23.62 -0.21 0.00	20.97 -0.23 0.00	20.64 -0.25 0.00	22.02 -0.27 0.00	24.63 -0.33 0.00	26.64 -0.40 0.00	31.33 -0.51 0.00	34.40 -0.56 0.00	35.54 -0.58 0.00	38.55 -0.31 0.00	40.86 -0.33 0.00	41.72 -0.25 0.00	43.18 -0.48 0.00	40.16 -0.49 0.00	45.22 -0.55 0.00	50.65 -0.61 0.00	49.83 -0.60 0.00	45.76 -0.51 0.00	41.54 -0.55 0.00	37.22 -0.49 0.00	33.54 -0.48 0.00	29.53 -0.45 0.00
DUNKIRK___115KV_TB_200 55889	30.23 0.71 0.00	26.12 0.28 0.00	23.48 -0.52 -0.16	20.81 -0.70 -0.31	20.52 -0.65 -0.28	22.00 -0.42 -0.13	25.23 0.27 0.00	26.80 -0.24 0.00	31.25 -0.67 -0.08	34.79 -0.17 0.00	36.12 0.00 0.00	38.97 0.12 0.00	41.02 -0.16 0.00	41.72 -0.25 0.00	42.27 -1.40 -0.01	41.75 -1.30 -2.41	48.51 -0.27 -3.01	54.69 0.21 -3.22	51.51 0.00 -1.08	46.72 -0.05 -0.50	42.30 0.21 0.00	38.58 0.87 0.00	34.74 0.71 0.00	31.09 1.11 0.00
DUNKIRK___1 23563	30.23 0.71 0.00	26.12 0.28 0.00	23.48 -0.52 -0.16	20.81 -0.70 -0.31	20.52 -0.65 -0.28	22.00 -0.42 -0.13	25.23 0.27 0.00	26.80 -0.24 0.00	31.25 -0.67 -0.08	34.79 -0.17 0.00	36.12 0.00 0.00	38.97 0.12 0.00	41.02 -0.16 0.00	41.72 -0.25 0.00	42.27 -1.40 -0.01	41.75 -1.30 -2.41	48.51 -0.27 -3.01	54.69 0.21 -3.22	51.51 0.00 -1.08	46.72 -0.05 -0.50	42.30 0.21 0.00	38.58 0.87 0.00	34.74 0.71 0.00	31.09 1.11 0.00
DUNKIRK___2 23564	30.23 0.71 0.00	26.12 0.28 0.00	23.48 -0.52 -0.16	20.81 -0.70 -0.31	20.52 -0.65 -0.28	22.00 -0.42 -0.13	25.23 0.27 0.00	26.80 -0.24 0.00	31.25 -0.67 -0.08	34.79 -0.17 0.00	36.12 0.00 0.00	38.97 0.12 0.00	41.02 -0.16 0.00	41.72 -0.25 0.00	42.27 -1.40 -0.01	41.75 -1.30 -2.41	48.51 -0.27 -3.01	54.69 0.21 -3.22	51.51 0.00 -1.08	46.72 -0.05 -0.50	42.30 0.21 0.00	38.58 0.87 0.00	34.74 0.71 0.00	31.09 1.11 0.00
DUNKIRK___3 23565	30.00 0.47 0.00	25.94 0.10 0.00	23.31 -0.69 -0.16	20.68 -0.83 -0.31	20.42 -0.75 -0.28	21.84 -0.58 -0.13	25.08 0.12 0.00	26.64 -0.41 0.00	31.09 -0.83 -0.08	34.58 -0.38 0.00	35.90 -0.22 0.00	38.74 -0.12 0.00	40.82 -0.37 0.00	41.51 -0.46 0.00	42.05 -1.62 -0.01	41.50 -1.54 -2.40	48.23 -0.55 -3.01	54.43 -0.05 -3.22	51.20 -0.30 -1.07	46.39 -0.37 -0.49	42.00 -0.08 0.00	38.28 0.57 0.00	34.50 0.48 0.00	30.94 0.96 0.00
DUNKIRK___4 23566	30.00 0.47 0.00	25.94 0.10 0.00	23.31 -0.69 -0.16	20.68 -0.83 -0.31	20.42 -0.75 -0.28	21.84 -0.58 -0.13	25.08 0.12 0.00	26.64 -0.41 0.00	31.09 -0.83 -0.08	34.58 -0.38 0.00	35.90 -0.22 0.00	38.74 -0.12 0.00	40.82 -0.37 0.00	41.51 -0.46 0.00	42.05 -1.62 -0.01	41.50 -1.54 -2.40	48.23 -0.55 -3.01	54.43 -0.05 -3.22	51.20 -0.30 -1.07	46.39 -0.37 -0.49	42.00 -0.08 0.00	38.28 0.57 0.00	34.50 0.48 0.00	30.94 0.96 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.71 2.18 0.00	27.78 1.94 0.00	26.70 1.84 -1.03	24.73 1.59 -1.94	24.19 1.57 -1.73	24.82 1.69 -0.84	26.92 1.97 0.00	29.50 2.43 -0.02	35.44 2.87 -0.73	38.93 3.08 -0.89	39.26 3.14 0.00	42.24 3.38 0.00	44.90 3.71 0.00	45.79 3.82 0.00	48.16 4.24 -0.26	61.76 4.06 -17.05	71.64 4.71 -21.15	78.59 5.18 -22.15	62.31 5.04 -6.83	53.56 4.26 -3.03	45.75 3.66 0.00	40.80 3.09 0.00	36.92 2.86 -0.04	32.47 2.49 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.30 1.77 0.00	27.44 1.60 0.00	26.32 1.50 -0.99	24.36 1.29 -1.86	23.83 1.27 -1.66	24.48 1.38 -0.81	26.55 1.60 0.00	29.09 2.03 -0.02	34.79 2.29 -0.65	37.58 2.31 -0.31	38.43 2.31 0.00	41.38 2.53 0.00	44.11 2.92 0.00	44.99 3.02 0.00	47.36 3.49 -0.20	59.98 3.33 -16.00	69.23 3.57 -19.89	76.13 3.95 -20.92	60.83 3.83 -6.56	52.44 3.24 -2.94	44.86 2.78 0.00	40.05 2.34 0.00	36.23 2.18 -0.03	31.84 1.86 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.10 2.57 -0.01	28.07 2.22 -0.01	26.99 2.12 -1.04	24.95 1.80 -1.95	24.40 1.78 -1.73	24.95 1.83 -0.84	27.10 2.15 0.00	29.73 2.65 -0.03	35.59 3.03 -0.72	39.10 3.25 -0.88	39.33 3.21 0.00	42.36 3.50 0.00	44.90 3.71 0.00	45.71 3.74 0.00	48.12 4.19 -0.26	61.76 4.06 -17.05	71.73 4.81 -21.15	78.69 5.28 -22.15	62.25 4.99 -6.82	53.64 4.35 -3.02	45.49 3.41 0.00	40.88 3.17 0.00	37.13 3.06 -0.05	32.87 2.88 -0.01
E179THST_13_KV_LOAD 356214	32.28 2.75 -0.01	28.22 2.38 -0.01	27.13 2.26 -1.04	25.05 1.91 -1.95	24.51 1.88 -1.73	25.07 1.94 -0.84	27.25 2.30 0.00	29.89 2.81 -0.03	35.78 3.22 -0.72	39.34 3.50 -0.88	39.59 3.47 0.00	42.63 3.77 0.00	45.19 4.00 0.00	46.00 4.03 0.00	48.42 4.50 -0.26	62.04 4.35 -17.05	72.09 5.17 -21.15	79.15 5.74 -22.15	62.70 5.45 -6.82	54.06 4.77 -3.02	45.79 3.70 0.00	41.18 3.47 0.00	37.40 3.33 -0.05	33.08 3.09 -0.01
EAST HAMPTON___GT 23717	39.39 4.99 -4.87	38.05 4.39 -7.82	31.56 3.93 -3.79	26.49 3.35 -1.94	25.90 3.28 -1.73	26.63 3.50 -0.84	30.03 4.17 -0.91	34.66 4.76 -2.85	38.14 5.57 -0.73	41.66 5.81 -0.89	41.51 5.38 0.00	45.82 6.95 0.00	72.93 8.07 -23.67	116.65 8.10 -66.57	119.12 8.38 -67.08	124.69 8.05 -75.99	184.79 9.20 -129.82	216.31 10.40 -154.65	236.23 9.89 -175.91	125.27 8.65 -70.35	115.66 7.66 -65.91	68.99 6.56 -24.72	43.55 6.33 -3.21	40.50 5.43 -5.09
EAST RIVER___6 23660	31.80 2.27 0.00	27.88 2.04 0.00	26.79 1.93 -1.03	24.79 1.65 -1.94	24.27 1.65 -1.73	24.82 1.69 -0.84	26.97 2.02 0.00	29.64 2.57 -0.02	35.63 3.06 -0.73	39.24 3.39 -0.89	39.30 3.18 0.00	42.51 3.65 0.00	45.18 3.99 0.00	46.00 4.03 0.00	48.46 4.54 -0.26	62.12 4.43 -17.04	72.09 5.17 -21.15	79.10 5.69 -22.15	62.66 5.40 -6.83	53.74 4.44 -3.03	45.83 3.74 0.00	40.91 3.20 0.00	37.19 3.13 -0.04	32.62 2.64 0.00

EAST_RIVER___7 23524	31.80 2.27 0.00	27.88 2.04 0.00	26.79 1.93 -1.03	24.79 1.65 -1.94	24.27 1.65 -1.73	24.82 1.69 -0.84	26.97 2.02 0.00	29.64 2.57 -0.02	35.63 3.06 -0.73	39.24 3.39 -0.89	39.30 3.18 0.00	42.51 3.65 0.00	45.18 3.99 0.00	46.00 4.03 0.00	48.46 4.54 -0.26	62.12 4.43 -17.04	72.09 5.17 -21.15	79.10 5.69 -22.15	62.66 5.40 -6.83	53.74 4.44 -3.03	45.83 3.74 0.00	40.91 3.20 0.00	37.19 3.13 -0.04	32.62 2.64 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.62 2.10 0.00	27.73 1.89 0.00	26.62 1.76 -1.02	24.66 1.53 -1.93	24.12 1.50 -1.72	24.75 1.63 -0.84	26.82 1.87 0.00	29.40 2.33 -0.02	35.28 2.71 -0.73	38.81 2.94 -0.91	39.12 3.00 0.00	42.08 3.23 0.00	44.73 3.54 0.00	45.62 3.65 0.00	47.98 4.06 -0.26	61.55 3.90 -17.00	71.35 4.49 -21.09	78.32 4.97 -22.09	62.09 4.84 -6.81	53.36 4.07 -3.02	45.54 3.45 0.00	40.65 2.94 0.00	36.78 2.72 -0.04	32.35 2.37 0.00
EAST_HAMPTON___DIESEL 23722	39.39 4.99 -4.87	38.05 4.39 -7.82	31.56 3.93 -3.79	26.51 3.37 -1.94	25.90 3.28 -1.73	26.63 3.50 -0.84	30.03 4.17 -0.91	34.68 4.79 -2.85	38.14 5.57 -0.73	41.66 5.81 -0.89	41.54 5.42 0.00	45.85 6.99 0.00	72.98 8.12 -23.67	116.69 8.14 -66.57	119.16 8.43 -67.07	124.68 8.05 -75.99	184.83 9.25 -129.81	216.35 10.45 -154.64	236.23 9.89 -175.90	125.27 8.65 -70.35	115.70 7.70 -65.91	69.03 6.60 -24.72	43.55 6.33 -3.21	40.53 5.46 -5.09
EAST_PULASKI___ESR 323781	29.26 -0.27 0.00	25.53 -0.31 0.00	23.55 -0.36 -0.07	21.04 -0.30 -0.14	20.72 -0.29 -0.12	22.01 -0.33 -0.06	24.63 -0.32 0.00	26.64 -0.41 0.00	31.37 -0.48 0.00	34.54 -0.42 0.00	35.65 -0.47 0.00	38.39 -0.47 0.00	40.65 -0.54 0.00	41.43 -0.55 0.00	42.92 -0.74 0.00	40.81 -0.77 -0.94	44.81 -0.96 0.00	50.34 -0.92 0.00	49.58 -0.86 0.00	45.57 -0.69 0.00	41.62 -0.46 0.00	37.45 -0.26 0.00	33.82 -0.20 0.00	29.80 -0.18 0.00
EAST_RIVER___1 323558	31.86 2.33 0.00	27.93 2.09 0.00	26.82 1.95 -1.03	24.81 1.67 -1.94	24.27 1.65 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.67 2.60 -0.02	35.66 3.09 -0.73	39.18 3.32 -0.89	39.23 3.11 0.00	42.47 3.61 0.00	45.14 3.95 0.00	46.00 4.03 0.00	48.38 4.46 -0.26	62.00 4.31 -17.04	71.91 4.99 -21.15	78.95 5.54 -22.15	62.56 5.29 -6.83	53.70 4.40 -3.03	45.79 3.70 0.00	40.91 3.20 0.00	37.19 3.13 -0.04	32.65 2.67 0.00
EAST_RIVER___2 323559	31.80 2.27 0.00	27.88 2.04 0.00	26.79 1.93 -1.03	24.79 1.65 -1.94	24.27 1.65 -1.73	24.82 1.69 -0.84	26.97 2.02 0.00	29.64 2.57 -0.02	35.63 3.06 -0.73	39.24 3.39 -0.89	39.30 3.18 0.00	42.51 3.65 0.00	45.18 3.99 0.00	46.00 4.03 0.00	48.46 4.54 -0.26	62.12 4.43 -17.04	72.09 5.17 -21.15	79.10 5.69 -22.15	62.66 5.40 -6.83	53.74 4.44 -3.03	45.83 3.74 0.00	40.91 3.20 0.00	37.19 3.13 -0.04	32.62 2.64 0.00
EAST___DELAWARE_HYD 23607	31.24 1.71 0.00	27.39 1.55 0.00	26.11 1.38 -0.89	24.09 1.21 -1.68	23.56 1.17 -1.50	24.29 1.27 -0.73	26.45 1.50 0.00	28.92 1.86 -0.01	34.53 2.13 -0.55	37.17 2.03 -0.18	37.92 1.81 0.00	41.07 2.21 0.00	43.87 2.68 0.00	44.74 2.77 0.00	46.99 3.19 -0.15	57.65 3.09 -13.92	67.23 3.30 -18.17	73.92 3.69 -18.97	60.22 3.63 -6.15	52.15 3.10 -2.78	44.74 2.65 0.00	40.01 2.30 0.00	36.11 2.08 -0.02	31.69 1.71 0.00
EIGHT_POINT___WT_PWR 323820	30.50 0.97 0.00	26.33 0.49 0.00	23.94 -0.09 -0.20	21.34 -0.23 -0.37	21.01 -0.21 -0.33	22.40 -0.04 -0.16	25.48 0.52 0.00	27.29 0.24 0.00	32.13 0.19 -0.09	35.31 0.35 0.00	36.98 0.87 0.00	39.44 0.58 0.00	41.69 0.50 0.00	42.35 0.38 0.00	43.15 -0.52 -0.01	42.95 -0.57 -2.87	49.98 0.50 -3.70	56.09 0.87 -3.96	52.66 0.91 -1.32	47.66 0.79 -0.61	43.01 0.92 0.00	38.84 1.13 0.00	34.94 0.92 0.00	31.36 1.38 0.00
ELBRIDGE_115KV_TB2 80188	29.52 0.00 0.00	25.74 -0.10 0.00	23.77 -0.17 -0.10	21.25 -0.15 -0.20	20.92 -0.15 -0.18	22.24 -0.13 -0.09	24.88 -0.07 0.00	26.94 -0.11 0.00	31.70 -0.19 -0.04	34.82 -0.14 0.00	36.08 -0.04 0.00	38.86 0.00 0.00	41.19 0.00 0.00	41.89 -0.08 0.00	43.40 -0.26 0.00	41.91 -0.24 -1.51	47.37 -0.14 -1.74	53.12 0.00 -1.86	51.00 -0.05 -0.62	46.55 0.00 -0.29	42.21 0.13 0.00	37.90 0.19 0.00	34.12 0.10 0.00	30.10 0.12 0.00
ELEC_TRO_TEK 24086	36.99 2.60 -4.86	35.96 2.30 -7.82	29.80 2.17 -3.79	25.00 1.87 -1.94	24.44 1.82 -1.73	25.09 1.96 -0.84	28.19 2.32 -0.91	32.68 2.79 -2.85	35.73 3.15 -0.73	38.79 2.94 -0.89	39.33 3.21 0.00	42.36 3.50 0.00	45.28 4.08 -0.02	46.09 4.11 0.00	48.46 4.54 -0.26	61.94 4.23 -17.07	71.74 4.81 -21.16	78.70 5.28 -22.16	62.26 4.99 -6.83	53.65 4.35 -3.03	46.04 3.96 0.00	40.95 3.24 0.00	53.33 3.37 -15.94	35.40 2.85 -2.57
ELLENBURG_WT_PWR 323604	29.73 0.21 0.00	26.02 0.18 0.00	24.10 0.26 0.00	21.45 0.26 0.00	21.10 0.21 0.00	22.46 0.18 0.00	25.03 0.08 0.00	27.18 0.14 0.00	32.13 0.29 0.00	35.28 0.31 0.00	36.26 0.15 0.00	38.70 -0.15 0.00	41.07 -0.12 0.00	41.89 -0.08 0.00	43.88 0.22 0.00	40.81 0.16 0.00	45.59 -0.18 0.00	50.85 -0.41 0.00	50.03 -0.41 0.00	45.85 -0.42 0.00	41.66 -0.42 0.00	37.26 -0.45 0.00	33.68 -0.34 0.00	29.53 -0.45 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.64 0.12 0.00	25.61 -0.23 0.00	23.11 -0.88 -0.16	20.52 -0.98 -0.30	20.26 -0.90 -0.26	21.63 -0.78 -0.13	24.80 -0.15 0.00	26.29 -0.76 0.00	30.67 -1.24 -0.07	34.12 -0.84 0.00	35.36 -0.76 0.00	38.24 -0.62 0.00	40.28 -0.91 0.00	40.92 -1.05 0.00	41.35 -2.31 -0.01	40.86 -2.07 -2.28	47.28 -1.33 -2.83	53.37 -0.92 -3.03	50.29 -1.16 -1.01	45.62 -1.11 -0.47	41.29 -0.80 0.00	37.67 -0.04 0.00	34.02 0.00 0.00	30.61 0.63 0.00
EMPIRE_CC_1 323656	30.47 0.94 0.00	26.77 0.93 0.00	26.00 0.91 -1.26	24.43 0.85 -2.38	23.85 0.84 -2.12	24.23 0.91 -1.03	25.92 0.97 0.00	27.94 0.95 0.05	33.17 1.11 -0.21	35.18 1.15 0.94	37.17 1.05 0.00	40.06 1.21 0.00	42.51 1.32 0.00	43.27 1.30 0.00	44.80 1.49 0.35	56.79 1.46 -14.68	70.40 1.65 -22.99	78.64 1.79 -25.59	61.84 1.76 -9.65	52.48 1.52 -4.69	43.39 1.31 0.00	38.84 1.13 0.00	35.03 1.09 0.08	30.91 0.93 0.00
EMPIRE_CC_2 323658	30.47 0.94 0.00	26.77 0.93 0.00	26.00 0.91 -1.26	24.43 0.85 -2.38	23.85 0.84 -2.12	24.23 0.91 -1.03	25.92 0.97 0.00	27.94 0.95 0.05	33.17 1.11 -0.21	35.18 1.15 0.94	37.17 1.05 0.00	40.06 1.21 0.00	42.51 1.32 0.00	43.27 1.30 0.00	44.80 1.49 0.35	56.79 1.46 -14.68	70.40 1.65 -22.99	78.64 1.79 -25.59	61.84 1.76 -9.65	52.48 1.52 -4.69	43.39 1.31 0.00	38.84 1.13 0.00	35.03 1.09 0.08	30.91 0.93 0.00
ENORWICH_115KV_TB1 80156	32.06 2.54 0.00	27.91 2.07 0.00	25.76 1.64 -0.53	23.13 1.40 -0.53	22.72 1.36 -0.47	23.99 1.47 -0.23	26.85 1.90 0.00	28.99 1.95 0.00	34.13 2.10 -0.19	37.34 2.38 0.00	38.79 2.67 0.00	41.73 2.88 0.00	43.99 2.80 0.00	44.83 2.85 0.00	45.99 2.31 -0.02	46.93 1.99 -4.29	55.81 2.70 -7.34	62.81 3.69 -7.86	56.99 3.93 -2.62	51.59 4.12 -1.21	46.04 3.96 0.00	41.29 3.58 0.00	36.74 2.72 0.00	32.35 2.37 0.00

ERIE_ST__34_KV_TB1-2 80199	29.97 0.44 0.00	25.89 0.05 0.00	23.00 -1.00 -0.16	20.40 -1.10 -0.31	20.12 -1.04 -0.27	21.53 -0.89 -0.13	25.05 0.10 0.00	26.61 -0.43 0.00	31.06 -0.86 -0.08	34.61 -0.35 0.00	35.94 -0.18 0.00	38.86 0.00 0.00	40.94 -0.25 0.00	41.68 -0.29 0.00	42.18 -1.48 -0.01	41.19 -1.83 -2.37	48.36 -0.37 -2.96	54.53 0.10 -3.17	51.34 -0.15 -1.06	46.39 -0.37 -0.49	41.96 -0.13 0.00	38.16 0.45 0.00	34.43 0.41 0.00	30.94 0.96 0.00
ERIE_WT_PWR 323693	29.79 0.27 0.00	25.61 -0.23 0.00	23.16 -0.83 -0.16	20.57 -0.93 -0.30	20.28 -0.88 -0.27	21.68 -0.73 -0.13	24.95 0.00 0.00	26.45 -0.60 0.00	31.19 -0.73 -0.07	34.47 -0.49 0.00	36.12 0.00 0.00	38.43 -0.43 0.00	40.57 -0.62 0.00	41.26 -0.71 0.00	41.75 -1.92 -0.01	41.12 -1.87 -2.34	47.81 -0.87 -2.91	53.71 -0.67 -3.12	50.72 -0.76 -1.04	46.01 -0.74 -0.48	41.58 -0.50 0.00	37.82 0.11 0.00	34.12 0.10 0.00	30.85 0.87 0.00
ESPRGFLD_115KV_TB1 80157	31.74 2.21 0.00	27.75 1.91 0.00	25.21 1.67 0.29	22.09 1.44 0.55	21.83 1.42 0.49	23.65 1.60 0.24	26.90 1.95 0.00	29.14 2.11 0.01	35.23 2.42 -0.96	37.43 2.69 0.22	39.01 2.89 0.00	41.93 3.07 0.00	44.32 3.13 0.00	45.20 3.23 0.00	46.95 3.27 -0.01	42.20 2.93 1.37	90.85 3.52 -41.56	100.25 4.25 -44.73	69.97 4.34 -15.20	57.51 4.16 -7.07	45.96 3.87 0.00	41.03 3.32 0.00	36.72 2.72 0.02	32.38 2.40 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.35 0.83 0.00	26.46 0.62 0.00	24.43 0.38 -0.21	21.89 0.30 -0.40	21.56 0.31 -0.35	22.84 0.38 -0.17	25.53 0.57 0.00	27.64 0.60 0.00	32.52 0.57 -0.11	35.66 0.70 0.00	36.99 0.87 0.00	39.83 0.97 0.00	42.18 0.99 0.00	42.94 0.97 0.00	44.33 0.65 -0.01	44.35 0.61 -3.09	51.01 1.05 -4.19	57.23 1.49 -4.48	53.44 1.51 -1.50	48.44 1.48 -0.69	43.60 1.52 0.00	39.14 1.43 0.00	35.14 1.12 0.00	31.00 1.02 0.00
ETNA____115KV_TB2 80207	30.35 0.83 0.00	26.46 0.62 0.00	24.43 0.38 -0.21	21.89 0.30 -0.40	21.56 0.31 -0.35	22.84 0.38 -0.17	25.53 0.57 0.00	27.64 0.60 0.00	32.52 0.57 -0.11	35.66 0.70 0.00	36.99 0.87 0.00	39.83 0.97 0.00	42.18 0.99 0.00	42.94 0.97 0.00	44.33 0.65 -0.01	44.35 0.61 -3.09	51.01 1.05 -4.19	57.23 1.49 -4.48	53.44 1.51 -1.50	48.44 1.48 -0.69	43.60 1.52 0.00	39.14 1.43 0.00	35.14 1.12 0.00	31.00 1.02 0.00
EUCLID____115KV_TB2 356179	29.23 -0.30 0.00	25.50 -0.34 0.00	23.54 -0.38 -0.08	21.04 -0.32 -0.16	20.72 -0.31 -0.14	22.02 -0.33 -0.07	24.63 -0.32 0.00	26.69 -0.35 0.00	31.33 -0.51 0.00	34.51 -0.45 0.00	35.76 -0.36 0.00	38.55 -0.31 0.00	40.82 -0.37 0.00	41.59 -0.38 0.00	43.05 -0.61 0.00	41.17 -0.57 -1.09	45.22 -0.55 0.00	50.70 -0.56 0.00	49.83 -0.61 0.00	45.76 -0.51 0.00	41.75 -0.34 0.00	37.48 -0.23 0.00	33.75 -0.27 0.00	29.77 -0.21 0.00
E_CANADA_CAP_HY 24051	32.24 2.71 0.00	28.17 2.33 0.00	27.60 2.10 -1.67	26.14 1.80 -3.14	25.49 1.80 -2.80	25.66 2.01 -1.36	27.35 2.40 0.00	29.62 2.60 0.02	36.05 3.03 -1.18	37.90 3.25 0.31	39.51 3.39 0.00	42.39 3.54 0.00	44.82 3.63 0.00	45.75 3.78 0.00	47.59 3.93 0.00	69.07 3.66 -24.77	101.77 4.39 -51.61	112.08 5.23 -55.59	74.66 5.29 -18.93	60.18 5.09 -8.82	46.84 4.75 0.00	41.71 4.00 0.00	37.36 3.37 0.03	32.95 2.97 0.00
E_CANADA_MHWK_HY 24050	29.35 -0.18 0.00	25.66 -0.18 0.00	23.62 -0.21 0.00	20.97 -0.23 0.00	20.64 -0.25 0.00	22.02 -0.27 0.00	24.63 -0.33 0.00	26.64 -0.40 0.00	31.33 -0.51 0.00	34.40 -0.56 0.00	35.54 -0.58 0.00	38.55 -0.31 0.00	40.86 -0.33 0.00	41.72 -0.25 0.00	43.18 -0.48 0.00	40.16 -0.49 0.00	45.22 -0.55 0.00	50.65 -0.61 0.00	49.83 -0.60 0.00	45.76 -0.51 0.00	41.54 -0.55 0.00	37.22 -0.49 0.00	33.54 -0.48 0.00	29.53 -0.45 0.00
E_FISHKILL____LBMP 23776	31.33 1.80 0.00	27.47 1.63 0.00	26.44 1.55 -1.06	24.53 1.34 -1.99	24.00 1.34 -1.77	24.58 1.43 -0.86	26.57 1.62 0.00	28.99 1.92 -0.03	34.85 2.26 -0.75	38.03 2.38 -0.69	38.57 2.46 0.00	41.50 2.64 0.00	44.07 2.88 0.00	44.95 2.98 0.00	47.21 3.27 -0.27	61.34 3.17 -17.52	71.15 3.66 -21.72	78.05 4.05 -22.74	61.38 3.93 -7.01	52.66 3.29 -3.11	44.91 2.82 0.00	40.09 2.38 0.00	36.31 2.25 -0.04	31.93 1.95 0.00
FALCON____SEABRD_CC1 323796	30.08 0.56 0.00	26.30 0.47 0.00	24.36 0.52 0.00	21.69 0.49 0.00	21.33 0.44 0.00	22.73 0.45 0.00	25.33 0.37 0.00	27.51 0.46 0.00	32.51 0.67 0.00	35.73 0.77 0.00	36.69 0.58 0.00	39.13 0.27 0.00	41.52 0.33 0.00	42.35 0.38 0.00	44.40 0.74 0.00	41.30 0.65 0.00	46.09 0.32 0.00	51.42 0.15 0.00	50.54 0.10 0.00	46.36 0.09 0.00	42.13 0.04 0.00	37.71 0.00 0.00	34.05 0.03 0.00	29.86 -0.12 0.00
FALCON____SEABRD_CC2 323797	30.08 0.56 0.00	26.30 0.47 0.00	24.36 0.52 0.00	21.69 0.49 0.00	21.33 0.44 0.00	22.73 0.45 0.00	25.33 0.37 0.00	27.51 0.46 0.00	32.51 0.67 0.00	35.73 0.77 0.00	36.69 0.58 0.00	39.13 0.27 0.00	41.52 0.33 0.00	42.35 0.38 0.00	44.40 0.74 0.00	41.30 0.65 0.00	46.09 0.32 0.00	51.42 0.15 0.00	50.54 0.10 0.00	46.36 0.09 0.00	42.13 0.04 0.00	37.71 0.00 0.00	34.05 0.03 0.00	29.86 -0.12 0.00
FAR ROCKAWAY____4 23548	37.61 3.22 -4.86	36.50 2.84 -7.82	30.25 2.62 -3.79	25.39 2.25 -1.94	24.81 2.19 -1.73	25.47 2.34 -0.84	28.61 2.74 -0.91	33.17 3.27 -2.85	36.33 3.76 -0.73	39.49 3.64 -0.89	40.20 4.08 0.00	43.33 4.47 0.00	46.40 5.19 -0.02	47.26 5.29 0.00	49.64 5.72 -0.26	62.92 5.20 -17.07	72.88 5.95 -21.16	80.03 6.61 -22.16	63.47 6.20 -6.83	54.81 5.51 -3.03	47.26 5.18 0.00	42.05 4.34 0.00	74.07 4.22 -35.83	36.12 3.57 -2.57
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.92 2.39 0.00	27.91 2.07 0.00	26.84 1.98 -1.03	24.83 1.70 -1.94	24.29 1.67 -1.73	24.91 1.78 -0.84	27.02 2.07 0.00	29.72 2.65 -0.02	35.69 3.12 -0.73	39.21 3.36 -0.89	39.44 3.32 0.00	42.47 3.61 0.00	45.14 3.95 0.00	46.04 4.07 0.00	48.42 4.50 -0.26	62.04 4.35 -17.05	72.00 5.08 -21.15	79.00 5.59 -22.15	62.61 5.35 -6.83	53.79 4.49 -3.03	45.87 3.79 0.00	40.92 3.21 0.00	37.19 3.13 -0.04	32.68 2.70 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.92 2.39 0.00	27.91 2.07 0.00	26.84 1.98 -1.03	24.83 1.70 -1.94	24.29 1.67 -1.73	24.91 1.78 -0.84	27.02 2.07 0.00	29.69 2.62 -0.02	35.69 3.12 -0.73	39.21 3.36 -0.89	39.44 3.32 0.00	42.47 3.61 0.00	45.14 3.95 0.00	46.04 4.07 0.00	48.42 4.50 -0.26	62.04 4.35 -17.05	72.00 5.08 -21.15	79.00 5.59 -22.15	62.61 5.35 -6.83	53.79 4.49 -3.03	45.87 3.79 0.00	40.95 3.24 0.00	37.19 3.13 -0.04	32.68 2.70 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.89 2.36 0.00	27.91 2.07 0.00	26.82 1.95 -1.03	24.81 1.67 -1.94	24.27 1.65 -1.73	24.89 1.76 -0.84	27.02 2.07 0.00	29.69 2.62 -0.02	35.66 3.09 -0.73	39.18 3.32 -0.89	39.44 3.32 0.00	42.47 3.61 0.00	45.10 3.91 0.00	46.04 4.07 0.00	48.38 4.45 -0.26	62.00 4.31 -17.05	71.96 5.03 -21.15	78.95 5.54 -22.15	62.56 5.30 -6.83	53.74 4.44 -3.03	45.83 3.75 0.00	40.88 3.17 0.00	37.15 3.10 -0.04	32.65 2.67 0.00

FARRAGUT___LBMP 323566	31.86 2.33 0.00	27.88 2.04 0.00	26.79 1.93 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.67 2.60 -0.02	35.63 3.06 -0.73	39.14 3.29 -0.89	39.37 3.25 0.00	42.39 3.54 0.00	45.06 3.87 0.00	45.96 3.99 0.00	48.33 4.41 -0.26	61.96 4.27 -17.05	71.87 4.94 -21.15	78.84 5.43 -22.15	62.46 5.19 -6.83	53.69 4.40 -3.03	45.79 3.70 0.00	40.84 3.13 0.00	37.12 3.06 -0.04	32.62 2.64 0.00
FENNER___WINDPWR 24204	30.23 0.71 0.00	26.38 0.54 0.00	24.36 0.40 -0.12	21.75 0.34 -0.22	21.40 0.31 -0.19	22.76 0.38 -0.09	25.45 0.50 0.00	27.56 0.51 0.00	32.50 0.60 -0.05	35.70 0.74 0.00	37.02 0.90 0.00	39.91 1.05 0.00	42.22 1.03 0.00	43.02 1.05 0.00	44.49 0.83 -0.01	43.01 0.69 -1.67	48.69 0.96 -1.96	54.54 1.18 -2.10	52.34 1.21 -0.70	47.84 1.25 -0.32	43.31 1.22 0.00	38.80 1.09 0.00	34.87 0.85 0.00	30.73 0.75 0.00
FIBERTEK___ENERGY 23856	29.58 0.06 0.00	25.81 -0.03 0.00	23.81 -0.12 -0.10	21.28 -0.11 -0.19	20.95 -0.10 -0.17	22.28 -0.09 -0.08	24.93 -0.02 0.00	27.02 -0.03 0.00	31.75 -0.10 0.00	34.96 0.00 0.00	36.26 0.14 0.00	39.05 0.19 0.00	41.40 0.21 0.00	42.14 0.17 0.00	43.57 -0.09 0.00	41.86 -0.08 -1.30	45.77 0.00 0.00	51.36 0.10 0.00	50.48 0.05 0.00	46.36 0.09 0.00	42.34 0.25 0.00	38.01 0.30 0.00	34.19 0.17 0.00	30.16 0.18 0.00
FITZPATRICK____ 23598	28.76 -0.77 0.00	25.09 -0.75 0.00	23.18 -0.71 -0.06	20.70 -0.62 -0.11	20.39 -0.61 -0.10	21.69 -0.65 -0.05	24.25 -0.70 0.00	26.26 -0.79 0.00	30.89 -0.95 0.00	33.98 -0.98 0.00	35.18 -0.94 0.00	37.81 -1.05 0.00	40.08 -1.11 0.00	40.84 -1.13 0.00	42.31 -1.35 0.00	40.17 -1.26 -0.78	44.40 -1.37 0.00	49.77 -1.49 0.00	48.97 -1.46 0.00	44.97 -1.30 0.00	40.99 -1.09 0.00	36.77 -0.94 0.00	33.17 -0.85 0.00	29.26 -0.72 0.00
FLOWRFLD_69_KV_BK1 356044	37.80 3.40 -4.88	36.65 3.00 -7.82	30.39 2.76 -3.79	25.49 2.35 -1.94	24.92 2.30 -1.73	25.60 2.47 -0.84	28.84 2.97 -0.91	33.33 3.43 -2.85	36.39 3.82 -0.73	39.35 3.50 -0.89	39.95 3.83 0.00	42.94 4.08 0.00	77.35 4.70 -31.47	135.19 4.70 -88.51	159.42 5.20 -110.56	163.03 4.80 -117.59	286.75 5.49 -235.49	705.97 6.00 -648.71	275.80 5.70 -219.67	175.42 5.00 -124.15	149.52 4.67 -102.77	74.43 3.85 -32.87	41.66 3.98 -3.66	38.18 3.57 -4.63
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.68 2.16 0.00	27.73 1.89 0.00	26.63 1.76 -1.03	24.67 1.53 -1.95	24.13 1.50 -1.73	24.74 1.60 -0.84	26.82 1.87 0.00	29.28 2.22 -0.02	35.10 2.58 -0.67	37.97 2.55 -0.45	38.72 2.60 0.00	41.69 2.84 0.00	44.48 3.30 0.00	45.37 3.40 0.00	47.76 3.89 -0.21	60.98 3.70 -16.64	70.56 4.07 -20.72	77.57 4.51 -21.80	61.67 4.39 -6.85	53.08 3.75 -3.07	45.33 3.24 0.00	40.46 2.75 0.00	36.57 2.52 -0.03	32.11 2.13 0.00
FORT ORANGE____ 23900	30.62 1.09 0.00	26.85 1.01 0.00	26.10 0.95 -1.31	24.50 0.83 -2.47	23.91 0.81 -2.20	24.25 0.89 -1.07	25.95 1.00 0.00	28.10 1.08 0.03	33.79 1.24 -0.71	35.73 1.22 0.45	37.27 1.16 0.00	39.91 1.05 0.00	42.26 1.07 0.00	43.06 1.09 0.00	44.86 1.31 0.11	59.83 1.18 -18.00	82.42 1.28 -35.37	90.66 1.38 -38.01	65.11 1.31 -13.37	53.81 1.25 -6.29	43.18 1.09 0.00	38.65 0.94 0.00	35.04 1.06 0.04	30.85 0.87 0.00
FORT_DRUM_COGEN 23780	29.61 0.09 0.00	25.81 -0.03 0.00	23.79 -0.10 -0.05	21.21 -0.08 -0.10	20.87 -0.10 -0.09	22.19 -0.13 -0.04	24.83 -0.12 0.00	26.78 -0.27 0.00	31.75 -0.10 0.00	35.07 0.10 0.00	36.12 0.00 0.00	38.97 0.12 0.00	41.15 -0.04 0.00	42.01 0.04 0.00	43.53 -0.13 0.00	40.95 -0.37 -0.66	44.99 -0.78 0.00	50.70 -0.56 0.00	50.13 -0.30 0.00	46.22 -0.05 0.00	42.30 0.21 0.00	38.05 0.34 0.00	34.19 0.17 0.00	30.01 0.03 0.00
FPL_FAR_ROCK_GT1 24212	37.64 3.25 -4.87	36.53 2.87 -7.82	30.25 2.62 -3.80	25.39 2.25 -1.94	24.82 2.19 -1.73	25.47 2.34 -0.84	28.62 2.74 -0.92	33.17 3.27 -2.85	36.33 3.76 -0.73	39.56 3.70 -0.89	39.55 3.43 0.00	43.25 4.39 0.00	46.40 5.19 -0.02	47.26 5.29 0.00	49.51 5.59 -0.26	62.92 5.20 -17.07	72.84 5.91 -21.16	79.98 6.56 -22.16	63.47 6.20 -6.83	54.80 5.50 -3.03	47.22 5.13 0.00	42.09 4.37 0.00	74.14 4.29 -35.83	36.12 3.57 -2.57
FPL_FAR_ROCK_GT2 23815	37.64 3.25 -4.87	36.53 2.87 -7.82	30.25 2.62 -3.80	25.39 2.25 -1.94	24.82 2.19 -1.73	25.47 2.34 -0.84	28.62 2.74 -0.92	33.17 3.27 -2.85	36.33 3.76 -0.73	39.56 3.70 -0.89	39.55 3.43 0.00	43.25 4.39 0.00	46.40 5.19 -0.02	47.26 5.29 0.00	49.51 5.59 -0.26	62.92 5.20 -17.07	72.84 5.91 -21.16	79.98 6.56 -22.16	63.47 6.20 -6.83	54.80 5.50 -3.03	47.22 5.13 0.00	42.09 4.37 0.00	74.14 4.29 -35.83	36.12 3.57 -2.57
FRANKLIN_FALL_HYD 24054	29.52 0.00 0.00	25.79 -0.05 0.00	23.88 0.05 0.00	21.26 0.06 0.00	20.91 0.02 0.00	22.29 0.00 0.00	24.85 -0.10 0.00	27.02 -0.03 0.00	31.97 0.13 0.00	35.10 0.14 0.00	36.01 -0.11 0.00	38.55 -0.31 0.00	40.90 -0.29 0.00	41.72 -0.25 0.00	43.66 0.00 0.00	40.61 -0.04 0.00	45.27 -0.50 0.00	50.44 -0.82 0.00	49.68 -0.76 0.00	45.62 -0.65 0.00	41.50 -0.59 0.00	37.18 -0.53 0.00	33.58 -0.44 0.00	29.38 -0.60 0.00
FREEPORT_EQUS_GT1 23764	37.37 2.98 -4.86	36.32 2.66 -7.82	30.08 2.46 -3.79	25.24 2.10 -1.94	24.67 2.05 -1.73	25.33 2.21 -0.84	28.49 2.62 -0.92	33.00 3.11 -2.85	36.11 3.53 -0.73	39.24 3.39 -0.89	39.08 2.96 0.00	42.74 3.89 0.00	45.86 4.65 -0.02	46.63 4.66 0.00	48.77 4.85 -0.26	62.23 4.51 -17.07	72.05 5.13 -21.16	79.05 5.64 -22.15	62.66 5.40 -6.83	53.97 4.67 -3.03	46.67 4.59 0.00	41.52 3.81 0.00	52.08 3.88 -14.18	35.85 3.30 -2.57
FREEPORT___CT2 23818	37.37 2.98 -4.86	36.32 2.66 -7.82	30.08 2.46 -3.79	25.24 2.10 -1.94	24.67 2.05 -1.73	25.33 2.21 -0.84	28.49 2.62 -0.92	33.00 3.11 -2.85	36.11 3.53 -0.73	39.24 3.39 -0.89	39.08 2.96 0.00	42.74 3.89 0.00	45.86 4.65 -0.02	46.63 4.66 0.00	48.77 4.85 -0.26	62.23 4.51 -17.07	72.05 5.13 -21.16	79.05 5.64 -22.15	62.66 5.40 -6.83	53.97 4.67 -3.03	46.67 4.59 0.00	41.52 3.81 0.00	52.08 3.88 -14.18	35.85 3.30 -2.57
FRESHKLS_33_KV_LOAD 356253	32.10 2.57 -0.01	27.98 2.14 0.00	26.94 2.07 -1.03	24.83 1.70 -1.94	24.29 1.67 -1.73	24.79 1.67 -0.83	26.94 2.00 0.01	29.74 2.68 -0.02	35.75 3.18 -0.72	37.74 3.43 0.64	39.43 3.32 0.01	40.81 3.69 1.74	40.51 3.95 4.63	40.66 3.99 5.29	41.78 4.50 6.38	49.93 4.27 -5.02	57.22 5.08 -6.37	63.89 5.59 -7.05	46.56 5.30 9.17	42.44 4.58 8.41	41.05 3.79 4.82	40.92 3.43 0.22	37.38 3.33 -0.03	32.84 2.85 -0.01
FULTON COGEN____ 23766	29.08 -0.44 0.00	25.37 -0.47 0.00	23.44 -0.48 -0.08	20.94 -0.40 -0.15	20.63 -0.40 -0.13	21.93 -0.42 -0.06	24.50 -0.45 0.00	26.56 -0.49 0.00	31.17 -0.67 0.00	34.33 -0.63 0.00	35.54 -0.58 0.00	38.28 -0.58 0.00	40.57 -0.62 0.00	41.34 -0.63 0.00	42.79 -0.87 0.00	40.90 -0.77 -1.02	44.95 -0.82 0.00	50.44 -0.82 0.00	49.58 -0.86 0.00	45.57 -0.69 0.00	41.54 -0.55 0.00	37.33 -0.38 0.00	33.65 -0.37 0.00	29.68 -0.30 0.00

FULTON___LFGE 323630	33.07 3.54 0.00	28.84 3.00 0.00	28.11 2.72 -1.56	26.48 2.33 -2.95	25.84 2.32 -2.63	26.15 2.58 -1.28	28.07 3.12 0.00	30.43 3.41 0.02	37.07 3.95 -1.28	38.77 4.16 0.35	40.49 4.37 0.00	44.26 5.40 0.00	46.67 5.48 0.00	47.55 5.58 0.00	48.63 4.98 0.01	69.05 4.79 -23.61	107.31 5.63 -55.91	118.26 6.77 -60.23	77.67 6.71 -20.53	62.26 6.43 -9.57	48.15 6.06 0.00	42.76 5.05 0.00	38.28 4.29 0.03	33.91 3.93 0.00
G.F.CEMENT___DRP 24184	32.06 2.54 0.00	28.04 2.20 0.00	27.23 2.03 -1.37	25.52 1.74 -2.58	24.90 1.71 -2.30	25.32 1.92 -1.12	27.17 2.22 0.00	29.50 2.49 0.03	36.06 2.96 -1.25	37.64 3.22 0.54	39.66 3.54 0.00	42.67 3.81 0.00	45.19 4.00 0.00	46.13 4.16 0.00	47.77 4.19 0.08	64.91 3.82 -20.44	108.18 4.53 -57.88	118.93 5.13 -62.54	76.90 4.94 -21.52	60.97 4.63 -10.07	46.46 4.38 0.00	41.37 3.66 0.00	37.21 3.23 0.05	32.83 2.85 0.00
GARDENVILLE___LBMP 24039	29.73 0.21 0.00	25.68 -0.16 0.00	23.14 -0.86 -0.16	20.52 -0.98 -0.30	20.26 -0.90 -0.27	21.66 -0.76 -0.13	24.85 -0.10 0.00	26.37 -0.68 0.00	30.77 -1.15 -0.07	34.23 -0.73 0.00	35.50 -0.61 0.00	38.39 -0.47 0.00	40.41 -0.78 0.00	41.09 -0.88 0.00	41.53 -2.14 -0.01	40.98 -1.99 -2.33	47.57 -1.10 -2.90	53.70 -0.67 -3.10	50.51 -0.96 -1.03	45.82 -0.93 -0.48	41.45 -0.63 0.00	37.82 0.11 0.00	34.12 0.10 0.00	30.70 0.72 0.00
GARDNVLA_35_KV_LD 355827	29.88 0.35 0.00	25.81 -0.03 0.00	23.21 -0.79 -0.16	20.59 -0.91 -0.30	20.33 -0.84 -0.27	21.73 -0.69 -0.13	24.98 0.02 0.00	26.50 -0.54 0.00	30.93 -0.99 -0.07	34.40 -0.56 0.00	35.69 -0.43 0.00	38.62 -0.23 0.00	40.65 -0.54 0.00	41.34 -0.63 0.00	41.79 -1.88 -0.01	41.20 -1.79 -2.34	47.87 -0.82 -2.92	54.03 -0.36 -3.12	50.87 -0.61 -1.04	46.05 -0.69 -0.48	41.66 -0.42 0.00	38.01 0.30 0.00	34.29 0.27 0.00	30.85 0.87 0.00
GELCKHM___115KV_LOAD 80723	29.35 -0.18 0.00	25.61 -0.23 0.00	23.64 -0.29 -0.09	21.11 -0.25 -0.17	20.81 -0.23 -0.15	22.11 -0.25 -0.07	24.73 -0.22 0.00	26.80 -0.24 0.00	31.49 -0.35 0.00	34.68 -0.28 0.00	35.94 -0.18 0.00	38.70 -0.16 0.00	41.02 -0.16 0.00	41.80 -0.17 0.00	43.22 -0.44 0.00	41.45 -0.37 -1.17	45.45 -0.32 0.00	50.95 -0.31 0.00	50.08 -0.35 0.00	45.99 -0.28 0.00	41.96 -0.13 0.00	37.67 -0.04 0.00	33.92 -0.10 0.00	29.92 -0.06 0.00
GENERAL___MILLS 23808	29.82 0.30 0.00	25.76 -0.08 0.00	23.16 -0.83 -0.16	20.55 -0.95 -0.30	20.28 -0.88 -0.27	21.68 -0.74 -0.13	24.93 -0.02 0.00	26.45 -0.60 0.00	30.84 -1.08 -0.07	34.33 -0.63 0.00	35.61 -0.51 0.00	38.51 -0.35 0.00	40.53 -0.66 0.00	41.22 -0.76 0.00	41.66 -2.01 -0.01	41.07 -1.91 -2.34	47.72 -0.96 -2.91	53.87 -0.51 -3.12	50.72 -0.76 -1.04	45.96 -0.79 -0.48	41.58 -0.51 0.00	37.90 0.19 0.00	34.22 0.20 0.00	30.76 0.78 0.00
GE_PLASTICS___DRP 24183	30.53 1.00 0.00	26.77 0.93 0.00	26.05 0.91 -1.31	24.48 0.81 -2.47	23.89 0.79 -2.20	24.23 0.87 -1.07	25.90 0.95 0.00	28.03 1.00 0.02	33.70 1.18 -0.67	35.80 1.19 0.35	37.35 1.23 0.00	40.10 1.24 0.00	42.18 0.99 0.00	42.98 1.01 0.00	44.80 1.22 0.08	60.00 1.14 -18.22	79.62 1.19 -32.66	81.49 1.28 -28.95	64.00 1.31 -12.25	53.22 1.20 -5.75	43.10 1.01 0.00	38.58 0.87 0.00	35.18 1.19 0.03	31.00 1.02 0.00
GILBOA___1 23756	30.56 1.03 0.00	26.90 1.06 0.00	25.89 1.05 -1.01	24.03 0.93 -1.90	23.50 0.92 -1.69	24.09 0.98 -0.82	26.00 1.05 0.00	28.10 1.05 0.00	33.48 1.21 -0.43	36.28 1.26 -0.06	37.35 1.23 0.00	40.30 1.44 0.00	42.71 1.52 0.00	43.53 1.55 0.00	45.41 1.70 -0.05	56.77 1.54 -14.58	64.24 1.65 -16.83	71.11 1.84 -18.01	58.25 1.81 -6.00	50.84 1.80 -2.77	43.64 1.56 0.00	39.03 1.32 0.00	35.28 1.26 0.00	31.06 1.08 0.00
GILBOA___2 23757	30.56 1.03 0.00	26.90 1.06 0.00	25.89 1.05 -1.01	24.03 0.93 -1.90	23.50 0.92 -1.69	24.09 0.98 -0.82	26.00 1.05 0.00	28.10 1.05 0.00	33.48 1.21 -0.43	36.28 1.26 -0.06	37.35 1.23 0.00	40.30 1.44 0.00	42.71 1.52 0.00	43.53 1.55 0.00	45.41 1.70 -0.05	56.77 1.54 -14.58	64.24 1.65 -16.83	71.11 1.84 -18.01	58.25 1.81 -6.00	50.84 1.80 -2.77	43.64 1.56 0.00	39.03 1.32 0.00	35.28 1.26 0.00	31.06 1.08 0.00
GILBOA___3 23758	30.56 1.03 0.00	26.90 1.06 0.00	25.89 1.05 -1.01	24.03 0.93 -1.90	23.50 0.92 -1.69	24.09 0.98 -0.82	26.00 1.05 0.00	28.10 1.05 0.00	33.48 1.21 -0.43	36.28 1.26 -0.06	37.35 1.23 0.00	40.30 1.44 0.00	42.71 1.52 0.00	43.53 1.55 0.00	45.41 1.70 -0.05	56.77 1.54 -14.58	64.24 1.65 -16.83	71.11 1.84 -18.01	58.25 1.81 -6.00	50.84 1.80 -2.77	43.64 1.56 0.00	39.03 1.32 0.00	35.28 1.26 0.00	31.06 1.08 0.00
GILBOA___4 23759	30.56 1.03 0.00	26.90 1.06 0.00	25.89 1.05 -1.01	24.03 0.93 -1.90	23.50 0.92 -1.69	24.09 0.98 -0.82	26.00 1.05 0.00	28.10 1.05 0.00	33.48 1.21 -0.43	36.28 1.26 -0.06	37.35 1.23 0.00	40.30 1.44 0.00	42.71 1.52 0.00	43.53 1.55 0.00	45.41 1.70 -0.05	56.77 1.54 -14.58	64.24 1.65 -16.83	71.11 1.84 -18.01	58.25 1.81 -6.00	50.84 1.80 -2.77	43.64 1.56 0.00	39.03 1.32 0.00	35.28 1.26 0.00	31.06 1.08 0.00
GILBOA___ 23599	30.56 1.03 0.00	26.87 1.03 0.00	25.89 1.05 -1.01	24.03 0.93 -1.90	23.50 0.92 -1.69	24.09 0.98 -0.82	26.00 1.05 0.00	28.10 1.05 0.00	33.52 1.24 -0.43	36.28 1.26 -0.06	37.45 1.34 0.00	40.30 1.44 0.00	42.71 1.52 0.00	43.52 1.55 0.00	45.41 1.70 -0.05	56.78 1.54 -14.58	64.24 1.65 -16.83	71.12 1.85 -18.01	58.25 1.82 -6.00	50.84 1.80 -2.77	43.64 1.56 0.00	39.03 1.32 0.00	35.25 1.22 0.00	31.06 1.08 0.00
GINNA___ 23603	28.31 -1.21 0.00	24.47 -1.37 0.00	22.61 -1.33 -0.11	20.14 -1.27 -0.22	19.83 -1.25 -0.19	21.11 -1.27 -0.09	23.70 -1.25 0.00	25.53 -1.51 0.00	30.17 -1.72 -0.05	33.32 -1.64 0.00	34.71 -1.41 0.00	37.23 -1.63 0.00	39.38 -1.81 0.00	40.08 -1.89 0.00	41.09 -2.58 -0.01	39.94 -2.36 -1.65	45.05 -2.66 -1.93	50.51 -2.82 -2.07	48.30 -2.82 -0.69	44.13 -2.45 -0.32	40.23 -1.85 0.00	36.32 -1.39 0.00	32.66 -1.36 0.00	29.05 -0.93 0.00
GLEN PARK___ 23778	29.76 0.24 0.00	25.92 0.08 0.00	23.91 0.02 -0.05	21.32 0.02 -0.10	20.96 -0.02 -0.09	22.28 -0.04 -0.04	24.95 0.00 0.00	26.88 -0.16 0.00	31.97 0.13 0.00	35.28 0.31 0.00	36.41 0.29 0.00	39.25 0.39 0.00	41.40 0.21 0.00	42.27 0.30 0.00	43.79 0.13 0.00	41.17 -0.16 -0.69	45.17 -0.60 0.00	50.90 -0.36 0.00	50.33 -0.10 0.00	46.55 0.28 0.00	42.63 0.55 0.00	38.31 0.60 0.00	34.40 0.37 0.00	30.19 0.21 0.00
GLENDALE_27_KV_LOAD 356172	32.15 2.63 0.00	28.09 2.25 0.00	27.03 2.17 -1.03	24.96 1.82 -1.94	24.41 1.80 -1.73	25.02 1.89 -0.84	27.17 2.22 0.00	29.92 2.84 -0.03	36.22 3.34 -1.03	41.36 3.64 -2.76	39.73 3.61 0.00	42.78 3.92 0.00	45.39 4.20 0.00	46.21 4.24 0.00	48.64 4.72 -0.26	62.16 4.47 -17.05	72.14 5.22 -21.15	79.15 5.74 -22.15	58.58 5.45 -2.70	53.96 4.67 -3.02	46.00 3.91 0.00	41.25 3.54 0.00	37.50 3.44 -0.05	32.96 2.97 -0.01

GLENWOOD_IC_1_G5 23712	37.05 2.66 -4.86	36.01 2.35 -7.82	29.82 2.19 -3.79	25.03 1.89 -1.94	24.48 1.86 -1.73	25.11 1.98 -0.84	28.21 2.35 -0.91	32.71 2.81 -2.85	35.85 3.28 -0.73	39.14 3.29 -0.89	39.69 3.58 0.00	42.51 3.65 0.00	45.37 4.16 -0.02	46.21 4.24 0.00	48.60 4.67 -0.26	62.10 4.39 -17.07	71.96 5.03 -21.16	78.95 5.54 -22.16	62.51 5.25 -6.83	53.79 4.49 -3.03	46.08 4.00 0.00	41.03 3.32 0.00	46.80 3.20 -9.58	35.49 2.94 -2.57
GLENWOOD_IC_2_G1 23688	36.81 2.42 -4.86	35.85 2.20 -7.82	29.65 2.02 -3.79	24.88 1.74 -1.94	24.33 1.71 -1.73	24.96 1.83 -0.84	28.01 2.15 -0.91	32.49 2.60 -2.85	35.60 3.03 -0.73	38.93 3.08 -0.89	38.97 2.85 0.00	42.36 3.50 0.00	45.16 3.95 -0.02	46.00 4.03 0.00	48.33 4.41 -0.26	61.94 4.23 -17.07	71.78 4.85 -21.16	78.75 5.33 -22.16	62.41 5.15 -6.83	53.65 4.35 -3.03	45.91 3.83 0.00	40.95 3.24 0.00	41.88 3.16 -4.69	35.25 2.70 -2.57
GLENWOOD_IC_3_G1 23689	36.81 2.42 -4.86	35.85 2.20 -7.82	29.65 2.02 -3.79	24.88 1.74 -1.94	24.33 1.71 -1.73	24.96 1.83 -0.84	28.01 2.15 -0.91	32.49 2.60 -2.85	35.60 3.03 -0.73	38.93 3.08 -0.89	38.97 2.85 0.00	42.36 3.50 0.00	45.16 3.95 -0.02	46.00 4.03 0.00	48.33 4.41 -0.26	61.94 4.23 -17.07	71.78 4.85 -21.16	78.75 5.33 -22.16	62.41 5.15 -6.83	53.65 4.35 -3.03	45.91 3.83 0.00	40.95 3.24 0.00	41.88 3.16 -4.69	35.25 2.70 -2.57
GLENWOOD___4 23550	37.05 2.66 -4.86	36.01 2.35 -7.82	29.82 2.19 -3.79	25.03 1.89 -1.94	24.48 1.86 -1.73	25.11 1.98 -0.84	28.21 2.35 -0.91	32.71 2.81 -2.85	35.85 3.28 -0.73	39.14 3.29 -0.89	39.69 3.58 0.00	42.59 3.73 0.00	45.45 4.24 -0.02	46.34 4.37 0.00	48.68 4.76 -0.26	62.23 4.51 -17.07	72.06 5.13 -21.16	79.11 5.69 -22.16	62.66 5.40 -6.83	53.93 4.63 -3.03	46.17 4.08 0.00	41.10 3.39 0.00	46.91 3.30 -9.58	35.49 2.94 -2.57
GLENWOOD___5 23614	37.05 2.66 -4.86	36.01 2.35 -7.82	29.82 2.19 -3.79	25.03 1.89 -1.94	24.48 1.86 -1.73	25.11 1.98 -0.84	28.21 2.35 -0.91	32.71 2.81 -2.85	35.85 3.28 -0.73	39.14 3.29 -0.89	39.69 3.58 0.00	42.59 3.73 0.00	45.45 4.24 -0.02	46.34 4.37 0.00	48.68 4.76 -0.26	62.23 4.51 -17.07	72.06 5.13 -21.16	79.11 5.69 -22.16	62.66 5.40 -6.83	53.93 4.63 -3.03	46.17 4.08 0.00	41.10 3.39 0.00	46.91 3.30 -9.58	35.49 2.94 -2.57
GLOBAL GREEN_PORT_GT1 23814	39.24 4.84 -4.87	37.92 4.26 -7.82	31.44 3.81 -3.79	26.40 3.26 -1.94	25.79 3.17 -1.73	26.54 3.41 -0.84	29.93 4.07 -0.91	34.55 4.65 -2.85	38.02 5.44 -0.73	41.49 5.63 -0.89	41.32 5.20 0.00	45.62 6.76 0.00	72.69 7.83 -23.68	116.45 8.21 -66.59	119.00 8.97 -67.13	124.56 7.85 -76.07	184.71 8.97 -129.97	216.32 10.15 -154.91	236.09 9.64 -176.02	125.16 8.47 -70.42	115.57 7.53 -65.95	68.85 6.41 -24.73	43.42 6.19 -3.21	40.35 5.28 -5.09
GLOBE___DSASP 323697	28.64 -0.89 0.00	24.70 -1.14 0.00	22.62 -1.36 -0.15	20.08 -1.40 -0.28	19.91 -1.23 -0.25	21.16 -1.25 -0.12	23.98 -0.97 0.00	25.31 -1.73 0.00	29.49 -2.42 -0.07	32.86 -2.10 0.00	33.99 -2.13 0.00	36.76 -2.10 0.00	38.68 -2.51 0.00	39.24 -2.73 0.00	39.61 -4.06 -0.01	39.30 -3.50 -2.15	45.14 -3.25 -2.62	50.99 -3.08 -2.80	48.10 -3.28 -0.94	43.74 -2.96 -0.43	39.64 -2.44 0.00	36.28 -1.43 0.00	32.83 -1.19 0.00	29.80 -0.18 0.00
GOETHSLN___LBMP 323567	31.68 2.16 0.00	27.73 1.89 0.00	26.65 1.79 -1.03	24.66 1.53 -1.94	24.14 1.53 -1.73	24.75 1.63 -0.84	26.85 1.90 0.00	29.50 2.43 -0.02	35.44 2.87 -0.73	38.90 3.04 -0.89	39.15 3.03 0.00	40.43 3.30 1.73	40.19 3.62 4.63	40.42 3.74 5.29	41.39 4.10 6.37	49.65 3.98 -5.02	56.82 4.67 -6.38	63.44 5.13 -7.05	46.16 4.89 9.17	41.94 4.07 8.40	40.68 3.41 4.81	40.40 2.90 0.21	36.92 2.86 -0.04	32.50 2.52 0.00
GOLAH___69_KV_TB 1_2 80279	29.94 0.41 0.00	25.99 0.16 0.00	23.79 -0.17 -0.12	21.13 -0.30 -0.23	20.82 -0.27 -0.20	22.18 -0.20 -0.10	25.05 0.10 0.00	26.78 -0.27 0.00	31.35 -0.54 -0.05	34.82 -0.14 0.00	36.19 0.07 0.00	39.09 0.23 0.00	41.23 0.04 0.00	41.93 -0.04 0.00	42.53 -1.14 -0.01	41.45 -0.93 -1.74	46.91 -0.92 -2.06	52.85 -0.62 -2.20	50.51 -0.66 -0.73	46.05 -0.56 -0.34	42.00 -0.08 0.00	38.16 0.45 0.00	34.33 0.31 0.00	30.70 0.72 0.00
GOODYEAR_LAKE_HYD 323669	31.12 1.59 0.00	27.26 1.42 0.00	25.25 1.24 -0.18	22.60 1.06 -0.34	22.24 1.04 -0.30	23.59 1.16 -0.15	26.35 1.40 0.00	28.56 1.51 0.00	34.17 1.75 -0.57	36.92 1.96 0.00	38.25 2.13 0.00	41.19 2.33 0.00	43.58 2.39 0.00	44.41 2.43 0.00	46.17 2.44 -0.06	46.93 2.11 -4.17	70.64 2.52 -22.36	78.21 3.02 -23.93	61.49 3.08 -7.98	52.86 2.91 -3.68	44.74 2.65 0.00	40.05 2.34 0.00	35.96 1.94 0.00	31.69 1.71 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.03 0.50 0.00	26.20 0.36 0.00	24.21 0.07 -0.30	21.77 0.00 -0.57	21.44 0.04 -0.50	22.64 0.11 -0.25	25.30 0.35 0.00	27.34 0.30 0.00	32.22 0.22 -0.16	35.35 0.38 0.00	36.70 0.58 0.00	39.52 0.66 0.00	41.81 0.62 0.00	42.60 0.63 0.00	43.94 0.26 -0.02	45.33 0.24 -4.44	52.58 0.69 -6.13	58.79 0.97 -6.56	53.58 0.96 -2.19	48.11 0.83 -1.01	42.93 0.84 0.00	38.58 0.87 0.00	34.70 0.68 0.00	30.73 0.75 0.00
GOUDEY___7 23579	30.06 0.53 0.00	26.23 0.39 0.00	24.23 0.10 -0.30	21.79 0.02 -0.57	21.44 0.04 -0.50	22.64 0.11 -0.25	25.33 0.37 0.00	27.37 0.32 0.00	32.25 0.25 -0.16	35.38 0.42 0.00	36.73 0.61 0.00	39.56 0.70 0.00	41.89 0.70 0.00	42.64 0.67 0.00	44.03 0.35 -0.02	45.37 0.28 -4.44	52.68 0.78 -6.13	58.90 1.08 -6.56	53.63 1.01 -2.19	48.16 0.88 -1.01	42.97 0.88 0.00	38.61 0.91 0.00	34.77 0.75 0.00	30.76 0.78 0.00
GOUDEY___8 23580	30.03 0.50 0.00	26.20 0.36 0.00	24.21 0.07 -0.30	21.77 0.00 -0.57	21.44 0.04 -0.50	22.64 0.11 -0.25	25.30 0.35 0.00	27.34 0.30 0.00	32.22 0.22 -0.16	35.35 0.38 0.00	36.70 0.58 0.00	39.52 0.66 0.00	41.81 0.62 0.00	42.60 0.63 0.00	43.94 0.26 -0.02	45.33 0.24 -4.44	52.58 0.69 -6.13	58.79 0.97 -6.56	53.58 0.96 -2.19	48.11 0.83 -1.01	42.93 0.84 0.00	38.58 0.87 0.00	34.70 0.68 0.00	30.73 0.75 0.00
GOWANUS_GT1_1 24077	32.16 2.63 -0.01	28.09 2.25 0.00	27.01 2.15 -1.03	24.94 1.80 -1.94	24.37 1.75 -1.73	24.93 1.81 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.32 3.60 -2.76	39.66 3.54 0.00	42.78 3.92 0.00	45.45 4.20 -0.06	46.23 4.20 -0.06	59.40 4.67 -11.07	87.61 4.39 -42.57	138.60 5.17 -87.66	83.10 5.69 -26.15	82.95 5.40 -27.12	83.19 4.67 -32.24	46.00 3.91 0.00	41.35 3.58 -0.06	44.57 3.47 -7.08	32.96 2.97 -0.01
GOWANUS_GT1_2 24078	32.16 2.63 -0.01	28.09 2.25 0.00	27.01 2.15 -1.03	24.94 1.80 -1.94	24.37 1.75 -1.73	24.93 1.81 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.32 3.60 -2.76	39.66 3.54 0.00	42.78 3.92 0.00	45.45 4.20 -0.06	46.23 4.20 -0.06	59.40 4.67 -11.07	87.61 4.39 -42.57	138.60 5.17 -87.66	83.10 5.69 -26.15	82.95 5.40 -27.12	83.19 4.67 -32.24	46.00 3.91 0.00	41.35 3.58 -0.06	44.57 3.47 -7.08	32.96 2.97 -0.01

GOWANUS_GT1_3 24079	32.16 2.63 -0.01	28.09 2.25 0.00	27.01 2.15 -1.03	24.94 1.80 -1.94	24.37 1.75 -1.73	24.93 1.81 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.32 3.60 -2.76	39.66 3.54 0.00	42.78 3.92 0.00	45.45 4.20 -0.06	46.23 4.20 -0.06	59.40 4.67 -11.07	87.61 4.39 -42.57	138.60 5.17 -87.66	83.10 5.69 -26.15	82.95 5.40 -27.12	83.19 4.67 -32.24	46.00 3.91 0.00	41.35 3.58 -0.06	44.57 3.47 -7.08	32.96 2.97 -0.01
GOWANUS_GT1_4 24080	32.16 2.63 -0.01	28.09 2.25 0.00	27.01 2.15 -1.03	24.94 1.80 -1.94	24.37 1.75 -1.73	24.93 1.81 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.32 3.60 -2.76	39.66 3.54 0.00	42.78 3.92 0.00	45.45 4.20 -0.06	46.23 4.20 -0.06	59.40 4.67 -11.07	87.61 4.39 -42.57	138.60 5.17 -87.66	83.10 5.69 -26.15	82.95 5.40 -27.12	83.19 4.67 -32.24	46.00 3.91 0.00	41.35 3.58 -0.06	44.57 3.47 -7.08	32.96 2.97 -0.01
GOWANUS_GT1_5 24084	32.16 2.63 -0.01	28.09 2.25 0.00	27.01 2.15 -1.03	24.94 1.80 -1.94	24.37 1.75 -1.73	24.93 1.81 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.32 3.60 -2.76	39.66 3.54 0.00	42.78 3.92 0.00	45.45 4.20 -0.06	46.23 4.20 -0.06	59.40 4.67 -11.07	87.61 4.39 -42.57	138.60 5.17 -87.66	83.10 5.69 -26.15	82.95 5.40 -27.12	83.19 4.67 -32.24	46.00 3.91 0.00	41.35 3.58 -0.06	44.57 3.47 -7.08	32.96 2.97 -0.01
GOWANUS_GT1_6 24111	32.16 2.63 -0.01	28.09 2.25 0.00	27.01 2.15 -1.03	24.94 1.80 -1.94	24.37 1.75 -1.73	24.93 1.81 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.32 3.60 -2.76	39.66 3.54 0.00	42.78 3.92 0.00	45.45 4.20 -0.06	46.23 4.20 -0.06	59.40 4.67 -11.07	87.61 4.39 -42.57	138.60 5.17 -87.66	83.10 5.69 -26.15	82.95 5.40 -27.12	83.19 4.67 -32.24	46.00 3.91 0.00	41.35 3.58 -0.06	44.57 3.47 -7.08	32.96 2.97 -0.01
GOWANUS_GT1_7 24112	32.16 2.63 -0.01	28.09 2.25 0.00	27.01 2.15 -1.03	24.94 1.80 -1.94	24.37 1.75 -1.73	24.93 1.81 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.32 3.60 -2.76	39.66 3.54 0.00	42.78 3.92 0.00	45.45 4.20 -0.06	46.23 4.20 -0.06	59.40 4.67 -11.07	87.61 4.39 -42.57	138.60 5.17 -87.66	83.10 5.69 -26.15	82.95 5.40 -27.12	83.19 4.67 -32.24	46.00 3.91 0.00	41.35 3.58 -0.06	44.57 3.47 -7.08	32.96 2.97 -0.01
GOWANUS_GT1_8 24113	32.16 2.63 -0.01	28.09 2.25 0.00	27.01 2.15 -1.03	24.94 1.80 -1.94	24.37 1.75 -1.73	24.93 1.81 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.32 3.60 -2.76	39.66 3.54 0.00	42.78 3.92 0.00	45.45 4.20 -0.06	46.23 4.20 -0.06	59.40 4.67 -11.07	87.61 4.39 -42.57	138.60 5.17 -87.66	83.10 5.69 -26.15	82.95 5.40 -27.12	83.19 4.67 -32.24	46.00 3.91 0.00	41.35 3.58 -0.06	44.57 3.47 -7.08	32.96 2.97 -0.01
GOWANUS_GT2_1 24114	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
GOWANUS_GT2_2 24115	32.19 2.66 -0.01	28.14 2.																						

GOWANUS_GT3_2 24123	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
GOWANUS_GT3_3 24124	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
GOWANUS_GT3_4 24125	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
GOWANUS_GT3_5 24126	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
GOWANUS_GT3_6 24127	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
GOWANUS_GT3_7 24128	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
GOWANUS_GT3_8 24129	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
GOWANUS_GT4_1 24130	32.16 2.63 -0.01	28.09 2.																						

GREENBSH_115KV_TB3 55895	30.41 0.89 0.00	26.69 0.85 0.00	25.99 0.83 -1.32	24.43 0.74 -2.48	23.84 0.73 -2.21	24.14 0.78 -1.08	25.80 0.85 0.00	27.91 0.89 0.03	33.64 1.08 -0.71	35.56 1.08 0.48	37.24 1.12 0.00	39.95 1.09 0.00	42.26 1.07 0.00	43.06 1.09 0.00	44.80 1.27 0.12	59.91 1.18 -18.08	83.16 1.33 -36.06	91.83 1.44 -39.14	65.50 1.41 -13.65	53.95 1.25 -6.43	43.18 1.09 0.00	38.65 0.94 0.00	35.03 1.05 0.04	30.91 0.93 0.00
GREENDGE_115KV_TB5 80291	30.17 0.65 0.00	26.15 0.31 0.00	23.95 -0.07 -0.19	21.40 -0.15 -0.35	21.10 -0.10 -0.31	22.44 0.00 -0.15	25.30 0.35 0.00	27.29 0.24 0.00	32.03 0.10 -0.09	35.00 0.03 0.00	36.44 0.33 0.00	39.29 0.43 0.00	41.52 0.33 0.00	42.22 0.25 0.00	43.32 -0.35 -0.01	43.06 -0.33 -2.73	49.51 0.23 -3.52	55.69 0.67 -3.76	52.29 0.61 -1.25	47.36 0.51 -0.58	42.80 0.72 0.00	38.58 0.87 0.00	34.91 0.88 0.00	30.97 0.99 0.00
GREENIDGE___3 23582	30.17 0.65 0.00	26.15 0.31 0.00	23.95 -0.07 -0.19	21.40 -0.15 -0.35	21.10 -0.10 -0.31	22.44 0.00 -0.15	25.30 0.35 0.00	27.29 0.24 0.00	32.03 0.10 -0.09	35.00 0.03 0.00	36.44 0.33 0.00	39.29 0.43 0.00	41.52 0.33 0.00	42.22 0.25 0.00	43.32 -0.35 -0.01	43.06 -0.33 -2.73	49.51 0.23 -3.52	55.69 0.67 -3.76	52.29 0.61 -1.25	47.36 0.51 -0.58	42.80 0.72 0.00	38.58 0.87 0.00	34.91 0.88 0.00	30.97 0.99 0.00
GREENIDGE___4 23583	30.15 0.62 0.00	26.07 0.23 0.00	23.95 -0.07 -0.19	21.40 -0.15 -0.35	21.08 -0.12 -0.31	22.44 0.00 -0.15	25.30 0.35 0.00	27.29 0.24 0.00	32.16 0.22 -0.09	35.24 0.28 0.00	36.77 0.65 0.00	39.25 0.39 0.00	41.52 0.33 0.00	42.23 0.25 0.00	43.32 -0.35 -0.01	43.06 -0.33 -2.73	49.56 0.28 -3.52	55.59 0.56 -3.76	52.30 0.61 -1.25	47.40 0.56 -0.58	42.80 0.71 0.00	38.50 0.79 0.00	34.87 0.85 0.00	30.97 0.99 0.00
GREENLWN_69_KV_BK 3 55738	36.86 2.48 -4.86	35.91 2.25 -7.82	29.75 2.12 -3.79	24.94 1.80 -1.94	24.37 1.75 -1.73	25.00 1.87 -0.84	28.11 2.25 -0.91	32.63 2.73 -2.85	35.63 3.06 -0.73	38.51 2.66 -0.89	39.08 2.96 0.00	42.08 3.23 0.00	39.85 3.87 5.21	31.16 3.90 14.71	18.38 4.41 29.69	19.11 4.15 25.69	-1.84 4.67 52.27	-11.52 5.13 67.91	-11.84 4.84 67.12	16.17 4.12 34.21	20.68 3.87 25.27	35.26 3.02 5.47	39.42 3.13 -2.27	34.91 2.67 -2.26
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.16 2.63 -0.01	28.09 2.25 0.00	27.01 2.15 -1.03	24.94 1.80 -1.94	24.37 1.75 -1.73	24.93 1.81 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.32 3.60 -2.76	39.66 3.54 0.00	42.78 3.92 0.00	45.45 4.20 -0.06	46.23 4.20 -0.06	59.40 4.67 -11.07	87.61 4.39 -42.57	138.60 5.17 -87.66	83.10 5.69 -26.15	82.95 5.40 -27.12	83.19 4.67 -32.24	46.00 3.91 0.00	41.35 3.58 -0.06	44.57 3.47 -7.08	32.96 2.97 -0.01
GRISSOM___SOLAR 323813	33.07 3.54 0.00	28.84 3.00 0.00	28.11 2.72 -1.56	26.48 2.33 -2.95	25.84 2.32 -2.63	26.15 2.58 -1.28	28.07 3.12 0.00	30.43 3.41 0.02	37.07 3.95 -1.28	38.77 4.16 0.35	40.49 4.37 0.00	44.26 5.40 0.00	46.67 5.48 0.00	47.55 5.58 0.00	48.63 4.98 0.01	69.05 4.79 -23.61	107.31 5.63 -55.91	118.26 6.77 -60.23	77.67 6.71 -20.53	62.26 6.43 -9.57	48.15 6.06 0.00	42.76 5.05 0.00	38.28 4.29 0.03	33.91 3.93 0.00
GROVEVILLE___HYD 323602	31.68 2.16 0.00	27.73 1.89 0.00	26.63 1.76 -1.03	24.67 1.53 -1.95	24.13 1.50 -1.73	24.74 1.60 -0.84	26.82 1.87 0.00	29.28 2.22 -0.02	35.10 2.58 -0.67	37.97 2.55 -0.45	38.72 2.60 0.00	41.69 2.84 0.00	44.48 3.30 0.00	45.37 3.40 0.00	47.76 3.89 -0.21	60.98 3.70 -16.64	70.56 4.07 -20.72	77.57 4.51 -21.80	61.67 4.39 -6.85	53.08 3.75 -3.07	45.33 3.24 0.00	40.46 2.75 0.00	36.57 2.52 -0.03	32.11 2.13 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.58 0.06 0.00	25.81 -0.03 0.00	23.81 -0.12 -0.10	21.28 -0.11 -0.19	20.95 -0.10 -0.17	22.28 -0.09 -0.08	24.93 -0.02 0.00	27.02 -0.03 0.00	31.75 -0.10 0.00	34.96 0.00 0.00	36.26 0.14 0.00	39.05 0.19 0.00	41.40 0.21 0.00	42.14 0.17 0.00	43.57 -0.09 0.00	41.86 -0.08 -1.30	45.77 0.00 0.00	51.36 0.10 0.00	50.48 0.05 0.00	46.36 0.09 0.00	42.34 0.25 0.00	38.01 0.30 0.00	34.19 0.17 0.00	30.16 0.18 0.00
HAMLTNNY_34_KV_TB 80303	29.70 0.18 0.00	25.89 0.05 0.00	23.89 -0.05 -0.10	21.35 -0.04 -0.20	21.05 -0.02 -0.18	22.37 0.00 -0.09	25.03 0.07 0.00	27.13 0.08 0.00	31.92 0.03 -0.04	35.10 0.14 0.00	36.37 0.25 0.00	39.17 0.31 0.00	41.52 0.33 0.00	42.27 0.29 0.00	43.75 0.09 0.00	42.29 0.12 -1.52	47.75 0.23 -1.75	53.49 0.36 -1.87	51.36 0.30 -0.62	46.93 0.37 -0.29	42.59 0.51 0.00	38.24 0.53 0.00	34.40 0.37 0.00	30.34 0.36 0.00
HAMPSHIRE___PAPER_HYD 323593	28.82 -0.71 0.00	25.14 -0.70 0.00	23.24 -0.62 -0.03	20.70 -0.55 -0.05	20.37 -0.56 -0.05	21.68 -0.62 -0.02	24.20 -0.75 0.00	26.24 -0.81 0.00	31.05 -0.79 0.00	34.19 -0.77 0.00	35.18 -0.94 0.00	37.81 -1.05 0.00	39.99 -1.20 0.00	40.84 -1.13 0.00	42.57 -1.09 0.00	39.78 -1.22 -0.35	44.12 -1.65 0.00	49.37 -1.90 0.00	48.72 -1.71 0.00	44.74 -1.53 0.00	40.86 -1.22 0.00	36.65 -1.06 0.00	33.10 -0.92 0.00	29.05 -0.93 0.00
HARDSCRABBLE_WT_PWR 323673	29.44 -0.09 0.00	25.74 -0.10 0.00	23.69 -0.14 0.00	21.03 -0.17 0.00	20.70 -0.19 0.00	22.06 -0.22 0.00	24.70 -0.25 0.00	26.69 -0.35 0.00	31.43 -0.41 0.00	34.47 -0.49 0.00	35.61 -0.51 0.00	38.63 -0.23 0.00	40.94 -0.25 0.00	41.85 -0.13 0.00	43.31 -0.35 0.00	40.28 -0.37 0.00	45.36 -0.41 0.00	50.85 -0.41 0.00	49.98 -0.45 0.00	45.90 -0.37 0.00	41.66 -0.42 0.00	37.33 -0.38 0.00	33.65 -0.37 0.00	29.59 -0.39 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.33 1.80 0.00	27.49 1.65 0.00	26.31 1.53 -0.95	24.30 1.31 -1.79	23.80 1.32 -1.59	24.47 1.40 -0.77	26.60 1.65 0.00	29.01 1.95 -0.02	34.76 2.26 -0.65	37.23 2.24 -0.03	38.54 2.42 0.00	41.50 2.64 0.00	44.20 3.01 0.00	45.08 3.11 0.00	47.34 3.45 -0.23	59.50 3.33 -15.52	68.84 3.80 -19.27	75.68 4.20 -20.22	60.74 4.03 -6.27	52.44 3.38 -2.79	44.99 2.90 0.00	40.16 2.45 0.00	36.30 2.25 -0.03	31.90 1.92 0.00
HARSNRAD_115KV_TB1 81005	29.41 -0.12 0.00	25.40 -0.44 0.00	22.96 -1.02 -0.14	20.37 -1.10 -0.27	20.13 -1.00 -0.24	21.49 -0.91 -0.12	24.60 -0.35 0.00	25.99 -1.05 0.00	30.29 -1.62 -0.07	33.77 -1.19 0.00	34.96 -1.16 0.00	37.81 -1.05 0.00	39.79 -1.40 0.00	40.42 -1.55 0.00	40.74 -2.93 -0.01	40.20 -2.56 -2.11	46.30 -2.06 -2.59	52.29 -1.74 -2.77	49.44 -1.92 -0.92	44.98 -1.71 -0.43	40.78 -1.30 0.00	37.30 -0.41 0.00	33.68 -0.34 0.00	30.34 0.36 0.00
HARZA MOOSE___RIVER 24016	29.94 0.41 0.00	26.12 0.28 0.00	24.08 0.21 -0.03	21.43 0.17 -0.06	21.12 0.17 -0.06	22.49 0.18 -0.03	25.18 0.22 0.00	27.26 0.22 0.00	32.16 0.32 0.00	35.35 0.38 0.00	36.66 0.54 0.00	39.52 0.66 0.00	41.77 0.58 0.00	42.64 0.67 0.00	44.14 0.48 0.00	41.34 0.24 -0.45	46.04 0.27 0.00	51.67 0.41 0.00	50.94 0.50 0.00	46.73 0.46 0.00	42.59 0.51 0.00	38.20 0.49 0.00	34.46 0.44 0.00	30.31 0.33 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	29.41 -0.12 0.00	25.66 -0.18 0.00	23.66 -0.26 -0.09	21.13 -0.23 -0.17	20.83 -0.21 -0.15	22.14 -0.22 -0.07	24.78 -0.17 0.00	26.86 -0.19 0.00	31.52 -0.32 0.00	34.68 -0.28 0.00	35.97 -0.14 0.00	38.74 -0.12 0.00	41.07 -0.12 0.00	41.80 -0.17 0.00	43.27 -0.39 0.00	41.46 -0.37 -1.18	45.45 -0.32 0.00	51.00 -0.26 0.00	50.13 -0.30 0.00	46.04 -0.23 0.00	42.00 -0.08 0.00	37.71 0.00 0.00	33.92 -0.10 0.00	29.95 -0.03 0.00
HELLGATE_13_KV_LD 55870	32.01 2.48 0.00	27.99 2.14 0.00	26.92 2.05 -1.03	24.88 1.74 -1.94	24.33 1.71 -1.73	24.91 1.78 -0.84	27.07 2.12 0.00	29.76 2.68 -0.03	36.00 3.12 -1.03	41.11 3.39 -2.76	39.48 3.36 0.00	42.51 3.65 0.00	45.06 3.87 0.00	45.83 3.86 0.00	48.25 4.32 -0.26	61.80 4.11 -17.05	71.73 4.81 -21.15	78.69 5.28 -22.15	59.34 4.99 -3.92	53.59 4.30 -3.02	45.62 3.54 0.00	40.99 3.28 0.00	37.26 3.20 -0.05	32.78 2.79 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.01 2.48 0.00	27.99 2.14 0.00	26.92 2.05 -1.03	24.88 1.74 -1.94	24.33 1.71 -1.73	24.91 1.78 -0.84	27.07 2.12 0.00	29.76 2.68 -0.03	36.00 3.12 -1.03	41.11 3.39 -2.76	39.48 3.36 0.00	42.51 3.65 0.00	45.06 3.87 0.00	45.83 3.86 0.00	48.25 4.32 -0.26	61.80 4.11 -17.05	71.73 4.81 -21.15	78.69 5.28 -22.15	59.34 4.99 -3.92	53.59 4.30 -3.02	45.62 3.54 0.00	40.99 3.28 0.00	37.26 3.20 -0.05	32.78 2.79 -0.01
HEMPSTEAD____ 23647	37.05 2.66 -4.86	36.06 2.40 -7.82	29.85 2.22 -3.79	25.05 1.91 -1.94	24.48 1.86 -1.73	25.13 2.01 -0.84	28.24 2.37 -0.92	32.73 2.84 -2.85	35.82 3.25 -0.73	39.00 3.15 -0.89	38.86 2.74 0.00	42.39 3.54 0.00	45.41 4.20 -0.02	46.21 4.24 0.00	48.51 4.58 -0.26	62.07 4.35 -17.07	71.87 4.94 -21.16	78.85 5.43 -22.15	62.41 5.15 -6.83	53.74 4.44 -3.03	46.17 4.08 0.00	41.11 3.40 0.00	48.62 3.47 -11.13	35.52 2.97 -2.57
HEWLETT__69_KV_BK3 55828	37.43 3.04 -4.86	36.32 2.66 -7.82	30.11 2.48 -3.79	25.26 2.12 -1.94	24.69 2.07 -1.73	25.33 2.21 -0.84	28.49 2.62 -0.91	33.00 3.11 -2.85	36.11 3.53 -0.73	39.24 3.39 -0.89	39.87 3.76 0.00	43.02 4.16 0.00	46.02 4.82 -0.02	46.88 4.91 0.00	49.25 5.33 -0.26	62.63 4.92 -17.07	72.51 5.58 -21.16	79.57 6.15 -22.16	63.12 5.85 -6.83	54.44 5.14 -3.03	46.88 4.80 0.00	41.67 3.96 0.00	73.80 3.95 -35.83	35.88 3.33 -2.57
HICKLING___1 23621	30.41 0.89 0.00	26.43 0.59 0.00	24.10 0.02 -0.24	21.54 -0.11 -0.45	21.25 -0.04 -0.40	22.55 0.07 -0.19	25.53 0.57 0.00	27.51 0.46 0.00	32.22 0.25 -0.12	35.52 0.56 0.00	36.99 0.87 0.00	39.87 1.01 0.00	42.14 0.95 0.00	42.85 0.88 0.00	43.98 0.31 -0.01	44.34 0.20 -3.49	51.50 1.14 -4.58	57.81 1.64 -4.91	53.58 1.51 -1.64	48.27 1.25 -0.75	43.43 1.35 0.00	39.14 1.43 0.00	35.21 1.19 0.00	31.33 1.35 0.00
HICKLING___2 23622	30.41 0.89 0.00	26.43 0.59 0.00	24.10 0.02 -0.24	21.54 -0.11 -0.45	21.25 -0.04 -0.40	22.55 0.07 -0.19	25.53 0.57 0.00	27.51 0.46 0.00	32.22 0.25 -0.12	35.52 0.56 0.00	36.99 0.87 0.00	39.87 1.01 0.00	42.14 0.95 0.00	42.85 0.88 0.00	43.98 0.31 -0.01	44.34 0.20 -3.49	51.50 1.14 -4.58	57.81 1.64 -4.91	53.58 1.51 -1.64	48.27 1.25 -0.75	43.43 1.35 0.00	39.14 1.43 0.00	35.21 1.19 0.00	31.33 1.35 0.00
HIGH FALLS___HY 23754	31.38 1.86 0.00	27.49 1.65 0.00	26.35 1.50 -1.02	24.43 1.31 -1.92	23.89 1.30 -1.71	24.50 1.38 -0.83	26.60 1.65 0.00	29.25 2.19 -0.01	34.82 2.36 -0.62	37.54 2.38 -0.20	38.39 2.28 0.00	41.34 2.49 0.00	44.28 3.09 0.00	45.20 3.23 0.00	47.64 3.84 -0.14	59.94 3.74 -15.56	70.56 3.66 -21.13	77.26 4.05 -21.95	61.65 3.98 -7.23	52.93 3.38 -3.29	44.95 2.86 0.00	40.16 2.45 0.00	36.28 2.25 -0.02	31.78 1.80 0.00
HILLBURN___GT 23639	31.27 1.74 0.00	27.52 1.68 0.00	26.33 1.53 -0.96	24.33 1.31 -1.82	23.81 1.30 -1.62	24.48 1.40 -0.79	26.57 1.62 0.00	29.10 2.03 -0.02	34.83 2.32 -0.67	37.39 2.45 0.02	38.50 2.38 0.00	41.73 2.88 0.00	44.40 3.21 0.00	45.29 3.32 0.00	47.43 3.53 -0.23	60.00 3.50 -15.85	69.42 3.98 -19.67	76.30 4.41 -20.63	61.06 4.24 -6.39	52.63 3.51 -2.84	45.07 2.99 0.00	40.24 2.53 0.00	36.43 2.38 -0.03	31.99 2.01 0.00
HILLSIDE_115KV_TB1 80332	29.76 0.24 0.00	25.89 0.05 0.00	23.63 -0.45 -0.25	21.15 -0.51 -0.46	20.87 -0.44 -0.41	22.13 -0.36 -0.20	25.00 0.05 0.00	26.94 -0.11 0.00	31.61 -0.35 -0.12	34.82 -0.14 0.00	36.26 0.14 0.00	39.09 0.23 0.00	41.31 0.12 0.00	42.06 0.08 0.00	43.15 -0.52 -0.01	43.69 -0.57 -3.61	50.71 0.18 -4.76	56.87 0.51 -5.09	52.54 0.40 -1.70	47.28 0.23 -0.78	42.42 0.34 0.00	38.24 0.53 0.00	34.40 0.37 0.00	30.61 0.63 0.00
HISHELDN_WT_PWR 323625	29.73 0.21 0.00	25.58 -0.26 0.00	23.24 -0.76 -0.17	20.67 -0.85 -0.32	20.39 -0.79 -0.29	21.76 -0.67 -0.14	24.88 -0.07 0.00	26.42 -0.62 0.00	31.13 -0.79 -0.08	34.33 -0.63 0.00	35.97 -0.14 0.00	38.28 -0.58 0.00	40.41 -0.78 0.00	41.05 -0.92 0.00	41.66 -2.01 -0.01	41.28 -1.87 -2.50	47.91 -1.01 -3.15	53.76 -0.87 -3.37	50.65 -0.91 -1.12	45.96 -0.83 -0.52	41.50 -0.59 0.00	37.67 -0.04 0.00	33.95 -0.07 0.00	30.64 0.66 0.00
HOLTSVILLE_IC_1 23690	37.56 3.16 -4.87	36.52 2.87 -7.82	30.27 2.65 -3.79	25.38 2.25 -1.94	24.81 2.19 -1.73	25.49 2.36 -0.84	28.68 2.82 -0.91	33.17 3.27 -2.85	36.14 3.57 -0.73	39.14 3.29 -0.89	38.69 2.56 0.00	42.40 3.54 0.00	68.81 4.36 -23.25	111.69 4.32 -65.40	111.97 4.67 -63.64	116.05 4.43 -70.97	171.36 5.03 -120.56	199.14 5.59 -142.29	224.56 5.25 -168.88	116.65 4.54 -65.84	109.49 4.25 -63.16	65.50 3.51 -24.28	40.91 3.74 -3.15	38.34 3.30 -5.06
HOLTSVILLE_IC_10 23699	37.82 3.42 -4.87	36.73 3.07 -7.82	30.44 2.81 -3.79	25.53 2.39 -1.94	24.96 2.34 -1.73	25.64 2.52 -0.84	28.88 3.02 -0.91	33.38 3.49 -2.85	36.42 3.85 -0.73	39.49 3.64 -0.90	39.05 2.92 -0.01	42.83 3.97 -0.01	70.76 4.82 -24.76	116.38 4.78 -69.63	126.12 5.15 -77.31	136.91 4.92 -91.34	209.48 5.58 -158.13	258.60 6.20 -201.14	252.77 5.85 -196.49	135.36 5.09 -84.00	120.83 4.75 -73.99	67.52 3.96 -25.85	41.56 4.15 -3.39	38.80 3.60 -5.22
HOLTSVILLE_IC_2 23691	37.56 3.16 -4.87	36.52 2.87 -7.82	30.27 2.65 -3.79	25.38 2.25 -1.94	24.81 2.19 -1.73	25.49 2.36 -0.84	28.68 2.82 -0.91	33.17 3.27 -2.85	36.14 3.57 -0.73	39.14 3.29 -0.89	38.69 2.56 0.00	42.40 3.54 0.00	68.81 4.36 -23.25	111.69 4.32 -65.40	111.97 4.67 -63.64	116.05 4.43 -70.97	171.36 5.03 -120.56	199.14 5.59 -142.29	224.56 5.25 -168.88	116.65 4.54 -65.84	109.49 4.25 -63.16	65.50 3.51 -24.28	40.91 3.74 -3.15	38.34 3.30 -5.06
HOLTSVILLE_IC_3 23692	37.56 3.16 -4.87	36.52 2.87 -7.82	30.27 2.65 -3.79	25.38 2.25 -1.94	24.81 2.19 -1.73	25.49 2.36 -0.84	28.68 2.82 -0.91	33.17 3.27 -2.85	36.14 3.57 -0.73	39.14 3.29 -0.89	38.69 2.56 0.00	42.40 3.54 0.00	68.81 4.36 -23.25	111.69 4.32 -65.40	111.97 4.67 -63.64	116.05 4.43 -70.97	171.36 5.03 -120.56	199.14 5.59 -142.29	224.56 5.25 -168.88	116.65 4.54 -65.84	109.49 4.25 -63.16	65.50 3.51 -24.28	40.91 3.74 -3.15	38.34 3.30 -5.06

HOLTSVILLE_IC_4 23693	37.56 3.16 -4.87	36.52 2.87 -7.82	30.27 2.65 -3.79	25.38 2.25 -1.94	24.81 2.19 -1.73	25.49 2.36 -0.84	28.68 2.82 -0.91	33.17 3.27 -2.85	36.14 3.57 -0.73	39.14 3.29 -0.89	38.69 2.56 0.00	42.40 3.54 0.00	68.81 4.36 -23.25	111.69 4.32 -65.40	111.97 4.67 -63.64	116.05 4.43 -70.97	171.36 5.03 -120.56	199.14 5.59 -142.29	224.56 5.25 -168.88	116.65 4.54 -65.84	109.49 4.25 -63.16	65.50 3.51 -24.28	40.91 3.74 -3.15	38.34 3.30 -5.06
HOLTSVILLE_IC_5 23694	37.56 3.16 -4.87	36.52 2.87 -7.82	30.27 2.65 -3.79	25.38 2.25 -1.94	24.81 2.19 -1.73	25.49 2.36 -0.84	28.68 2.82 -0.91	33.17 3.27 -2.85	36.14 3.57 -0.73	39.14 3.29 -0.89	38.69 2.56 0.00	42.40 3.54 0.00	68.81 4.36 -23.25	111.69 4.32 -65.40	111.97 4.67 -63.64	116.05 4.43 -70.97	171.36 5.03 -120.56	199.14 5.59 -142.29	224.56 5.25 -168.88	116.65 4.54 -65.84	109.49 4.25 -63.16	65.50 3.51 -24.28	40.91 3.74 -3.15	38.34 3.30 -5.06
HOLTSVILLE_IC_6 23695	37.82 3.42 -4.87	36.73 3.07 -7.82	30.44 2.81 -3.79	25.53 2.39 -1.94	24.96 2.34 -1.73	25.64 2.52 -0.84	28.88 3.02 -0.91	33.38 3.49 -2.85	36.42 3.85 -0.73	39.49 3.64 -0.90	39.05 2.92 -0.01	42.83 3.97 -0.01	70.76 4.82 -24.76	116.38 4.78 -69.63	126.12 5.15 -77.31	136.91 4.92 -91.34	209.48 5.58 -158.13	258.60 6.20 -201.14	252.77 5.85 -196.49	135.36 5.09 -84.00	120.83 4.75 -73.99	67.52 3.96 -25.85	41.56 4.15 -3.39	38.80 3.60 -5.22
HOLTSVILLE_IC_7 23696	37.82 3.42 -4.87	36.73 3.07 -7.82	30.44 2.81 -3.79	25.53 2.39 -1.94	24.96 2.34 -1.73	25.64 2.52 -0.84	28.88 3.02 -0.91	33.38 3.49 -2.85	36.42 3.85 -0.73	39.49 3.64 -0.90	39.05 2.92 -0.01	42.83 3.97 -0.01	70.76 4.82 -24.76	116.38 4.78 -69.63	126.12 5.15 -77.31	136.91 4.92 -91.34	209.48 5.58 -158.13	258.60 6.20 -201.14	252.77 5.85 -196.49	135.36 5.09 -84.00	120.83 4.75 -73.99	67.52 3.96 -25.85	41.56 4.15 -3.39	38.80 3.60 -5.22
HOLTSVILLE_IC_8 23697	37.82 3.42 -4.87	36.73 3.07 -7.82	30.44 2.81 -3.79	25.53 2.39 -1.94	24.96 2.34 -1.73	25.64 2.52 -0.84	28.88 3.02 -0.91	33.38 3.49 -2.85	36.42 3.85 -0.73	39.49 3.64 -0.90	39.05 2.92 -0.01	42.83 3.97 -0.01	70.76 4.82 -24.76	116.38 4.78 -69.63	126.12 5.15 -77.31	136.91 4.92 -91.34	209.48 5.58 -158.13	258.60 6.20 -201.14	252.77 5.85 -196.49	135.36 5.09 -84.00	120.83 4.75 -73.99	67.52 3.96 -25.85	41.56 4.15 -3.39	38.80 3.60 -5.22
HOLTSVILLE_IC_9 23698	37.82 3.42 -4.87	36.73 3.07 -7.82	30.44 2.81 -3.79	25.53 2.39 -1.94	24.96 2.34 -1.73	25.64 2.52 -0.84	28.88 3.02 -0.91	33.38 3.49 -2.85	36.42 3.85 -0.73	39.49 3.64 -0.90	39.05 2.92 -0.01	42.83 3.97 -0.01	70.76 4.82 -24.76	116.38 4.78 -69.63	126.12 5.15 -77.31	136.91 4.92 -91.34	209.48 5.58 -158.13	258.60 6.20 -201.14	252.77 5.85 -196.49	135.36 5.09 -84.00	120.83 4.75 -73.99	67.52 3.96 -25.85	41.56 4.15 -3.39	38.80 3.60 -5.22
HOMER_HL_115KV_TB2 355744	29.67 0.15 0.00	25.74 -0.10 0.00	22.63 -1.38 -0.18	20.14 -1.40 -0.34	19.88 -1.32 -0.30	21.25 -1.18 -0.15	24.88 -0.07 0.00	26.56 -0.49 0.00	30.97 -0.96 -0.09	34.37 -0.59 0.00	35.43 -0.69 0.00	38.24 -0.62 0.00	40.28 -0.91 0.00	41.05 -0.92 0.00	41.75 -1.92 -0.01	40.81 -2.48 -2.64	48.30 -0.82 -3.35	54.39 -0.46 -3.59	50.92 -0.71 -1.20	45.94 -0.88 -0.55	41.45 -0.63 0.00	37.60 -0.11 0.00	34.16 0.14 0.00	30.67 0.69 0.00
HOWARD_WT_PWR 323690	30.53 1.00 0.00	26.36 0.52 0.00	23.96 -0.07 -0.20	21.34 -0.23 -0.38	21.02 -0.21 -0.33	22.40 -0.04 -0.16	25.50 0.55 0.00	27.32 0.27 0.00	32.16 0.22 -0.10	35.35 0.39 0.00	37.02 0.90 0.00	39.48 0.62 0.00	41.72 0.53 0.00	42.39 0.42 0.00	43.15 -0.52 -0.01	42.99 -0.57 -2.91	50.08 0.55 -3.76	56.16 0.87 -4.03	52.69 0.91 -1.34	47.72 0.83 -0.62	43.05 0.97 0.00	38.84 1.13 0.00	34.97 0.95 0.00	31.39 1.41 0.00
HQ_GEN_CEDARS 23644	28.96 -0.56 0.00	25.32 -0.52 0.00	23.43 -0.41 0.00	20.84 -0.36 0.00	20.52 -0.38 0.00	21.86 -0.42 0.00	24.38 -0.57 0.00	26.45 -0.60 0.00	31.30 -0.54 0.00	34.33 -0.63 0.00	35.36 -0.76 0.00	37.96 -0.89 0.00	40.24 -0.95 0.00	41.05 -0.92 0.00	42.83 -0.83 0.00	39.79 -0.85 0.00	44.58 -1.19 0.00	49.72 -1.54 0.00	48.97 -1.46 0.00	45.07 -1.20 0.00	41.03 -1.05 0.00	36.77 -0.94 0.00	33.20 -0.82 0.00	29.17 -0.81 0.00
HQ_GEN_CEDARS_PROXY 323590	28.96 -0.56 0.00	25.32 -0.52 0.00	23.43 -0.41 0.00	20.84 -0.36 0.00	20.52 -0.38 0.00	21.30 -0.42 0.56	24.94 -0.57 -0.56	26.45 -0.60 0.00	31.27 -0.57 0.00	34.33 -0.63 0.00	35.36 -0.76 0.00	37.97 -0.89 0.00	40.24 -0.95 0.00	41.05 -0.92 0.00	42.83 -0.83 0.00	39.79 -0.86 0.00	44.58 -1.19 0.00	49.77 -1.49 0.00	48.97 -1.46 0.00	45.32 -1.25 -0.30	40.74 -1.05 0.30	36.78 -0.94 -0.01	33.16 -0.85 0.01	29.17 -0.81 0.00
HQ_GEN_IMPORT 323601	29.08 -0.44 0.00	25.45 -0.39 0.00	23.50 -0.33 0.00	20.92 -0.28 0.00	20.60 -0.29 0.00	21.41 -0.31 0.56	25.11 -0.40 -0.56	26.64 -0.40 0.00	31.40 -0.45 0.00	34.47 -0.49 0.00	35.58 -0.54 0.00	38.23 -0.62 0.00	40.53 -0.66 0.00	41.30 -0.67 0.00	43.05 -0.61 0.00	40.04 -0.61 0.00	44.99 -0.78 0.00	50.34 -0.92 0.00	49.53 -0.91 0.00	45.78 -0.79 -0.30	41.07 -0.72 0.30	37.08 -0.64 -0.01	33.43 -0.58 0.01	29.44 -0.54 0.00
HQ_GEN_WHEEL 23651	29.08 -0.44 0.00	25.45 -0.39 0.00	23.50 -0.33 0.00	20.92 -0.28 0.00	20.60 -0.29 0.00	21.41 -0.31 0.56	25.11 -0.40 -0.56	26.64 -0.40 0.00	31.40 -0.45 0.00	34.47 -0.49 0.00	35.58 -0.54 0.00	38.23 -0.62 0.00	40.53 -0.66 0.00	41.30 -0.67 0.00	43.05 -0.61 0.00	40.04 -0.61 0.00	44.99 -0.78 0.00	50.34 -0.92 0.00	49.53 -0.91 0.00	45.78 -0.79 -0.30	41.07 -0.72 0.30	37.08 -0.64 -0.01	33.43 -0.58 0.01	29.44 -0.54 0.00
HUDSON_AVE_GT_3 23810	31.92 2.39 0.00	27.91 2.07 0.00	26.84 1.98 -1.03	24.83 1.70 -1.94	24.29 1.67 -1.73	24.91 1.78 -0.84	27.02 2.07 0.00	29.72 2.65 -0.02	35.69 3.12 -0.73	39.21 3.36 -0.89	39.44 3.32 0.00	42.47 3.61 0.00	45.14 3.95 0.00	46.09 4.11 0.00	48.42 4.50 -0.26	62.04 4.35 -17.05	72.00 5.08 -21.15	79.00 5.59 -22.15	62.61 5.35 -6.83	53.79 4.49 -3.03	45.87 3.79 0.00	40.95 3.24 0.00	37.19 3.13 -0.04	32.68 2.70 0.00
HUDSON_AVE_GT_4 23540	31.92 2.39 0.00	27.91 2.07 0.00	26.84 1.98 -1.03	24.83 1.70 -1.94	24.29 1.67 -1.73	24.91 1.78 -0.84	27.02 2.07 0.00	29.72 2.65 -0.02	35.69 3.12 -0.73	39.21 3.36 -0.89	39.44 3.32 0.00	42.47 3.61 0.00	45.14 3.95 0.00	46.09 4.11 0.00	48.42 4.50 -0.26	62.04 4.35 -17.05	72.00 5.08 -21.15	79.00 5.59 -22.15	62.61 5.35 -6.83	53.79 4.49 -3.03	45.87 3.79 0.00	40.95 3.24 0.00	37.19 3.13 -0.04	32.68 2.70 0.00
HUDSON_AVE_GT_5 23657	31.92 2.39 0.00	27.91 2.07 0.00	26.84 1.98 -1.03	24.83 1.70 -1.94	24.29 1.67 -1.73	24.91 1.78 -0.84	27.02 2.07 0.00	29.72 2.65 -0.02	35.69 3.12 -0.73	39.21 3.36 -0.89	39.44 3.32 0.00	42.47 3.61 0.00	45.14 3.95 0.00	46.09 4.11 0.00	48.42 4.50 -0.26	62.04 4.35 -17.05	72.00 5.08 -21.15	79.00 5.59 -22.15	62.61 5.35 -6.83	53.79 4.49 -3.03	45.87 3.79 0.00	40.95 3.24 0.00	37.19 3.13 -0.04	32.68 2.70 0.00

HUDSON_AVE_10 24168	31.89 2.36 0.00	27.88 2.04 0.00	26.82 1.95 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.69 2.62 -0.02	35.66 3.09 -0.73	39.21 3.36 -0.89	39.37 3.25 0.00	42.39 3.54 0.00	45.06 3.87 0.00	46.00 4.03 0.00	48.38 4.45 -0.26	62.00 4.31 -17.05	71.96 5.03 -21.15	78.95 5.54 -22.15	62.56 5.30 -6.83	53.74 4.44 -3.03	45.83 3.75 0.00	40.88 3.17 0.00	37.19 3.13 -0.04	32.68 2.70 0.00
HUDSON___115KV_TB 4 355613	31.09 1.56 0.00	27.21 1.37 0.00	26.35 1.24 -1.28	24.69 1.08 -2.41	24.10 1.07 -2.15	24.51 1.18 -1.04	26.32 1.37 0.00	28.57 1.54 0.02	34.22 1.69 -0.69	36.31 1.68 0.33	37.74 1.63 0.00	40.49 1.63 0.00	43.17 1.98 0.00	43.99 2.01 0.00	46.04 2.44 0.07	60.66 2.28 -17.74	80.74 2.24 -32.73	87.73 2.61 -33.86	64.79 2.17 -12.19	54.02 2.04 -5.72	43.98 1.89 0.00	39.33 1.62 0.00	35.86 1.87 0.03	31.51 1.53 0.00
HUNTER MOUNT___DRP 323613	31.24 1.71 0.00	27.29 1.45 0.00	26.33 1.26 -1.24	24.63 1.10 -2.33	24.05 1.09 -2.07	24.50 1.20 -1.01	26.45 1.50 0.00	28.71 1.68 0.01	34.27 1.75 -0.67	36.43 1.68 0.21	37.60 1.48 0.00	40.33 1.48 0.00	43.00 1.81 0.00	43.78 1.80 0.00	46.13 2.49 0.02	60.40 2.32 -17.43	77.98 1.97 -30.24	83.98 2.31 -30.41	63.48 1.92 -11.12	53.31 1.85 -5.20	43.94 1.85 0.00	39.29 1.58 0.00	36.01 2.01 0.02	31.54 1.56 0.00
HUNTINGTON_RES_REC 323705	37.38 2.95 -4.90	36.32 2.66 -7.82	30.08 2.46 -3.79	25.22 2.08 -1.94	24.64 2.03 -1.73	25.29 2.16 -0.84	28.46 2.59 -0.91	32.98 3.08 -2.85	36.04 3.47 -0.73	39.00 3.15 -0.89	38.72 2.60 0.00	42.43 3.57 0.00	104.00 4.32 -58.48	210.86 4.36 -164.52	299.72 4.76 -251.30	359.56 4.59 -314.33	620.25 5.17 -569.31	1046.65 5.74 -989.64	634.35 5.45 -578.46	346.88 4.67 -295.94	269.92 4.38 -223.45	102.35 3.54 -61.10	42.69 3.71 -4.96	35.72 3.15 -2.59
HUNTLEY___63 23557	29.61 0.09 0.00	25.55 -0.28 0.00	23.18 -0.81 -0.15	20.55 -0.93 -0.28	20.31 -0.84 -0.25	21.67 -0.74 -0.12	24.75 -0.20 0.00	26.23 -0.81 0.00	30.58 -1.34 -0.07	34.09 -0.87 0.00	35.32 -0.79 0.00	38.20 -0.66 0.00	40.08 -1.11 0.00	40.71 -1.26 0.00	41.09 -2.58 -0.01	40.56 -2.28 -2.19	46.87 -1.60 -2.71	52.88 -1.28 -2.90	49.89 -1.51 -0.97	45.28 -1.43 -0.45	41.03 -1.05 0.00	37.63 -0.08 0.00	33.99 -0.03 0.00	30.64 0.66 0.00
HUNTLEY___64 23558	29.61 0.09 0.00	25.55 -0.28 0.00	23.18 -0.81 -0.15	20.55 -0.93 -0.28	20.31 -0.84 -0.25	21.67 -0.74 -0.12	24.75 -0.20 0.00	26.23 -0.81 0.00	30.58 -1.34 -0.07	34.09 -0.87 0.00	35.32 -0.79 0.00	38.20 -0.66 0.00	40.08 -1.11 0.00	40.71 -1.26 0.00	41.09 -2.58 -0.01	40.56 -2.28 -2.19	46.87 -1.60 -2.71	52.88 -1.28 -2.90	49.89 -1.51 -0.97	45.28 -1.43 -0.45	41.03 -1.05 0.00	37.63 -0.08 0.00	33.99 -0.03 0.00	30.64 0.66 0.00
HUNTLEY___65 23559	29.61 0.09 0.00	25.55 -0.28 0.00	23.18 -0.81 -0.15	20.55 -0.93 -0.28	20.31 -0.84 -0.25	21.67 -0.74 -0.12	24.75 -0.20 0.00	26.23 -0.81 0.00	30.58 -1.34 -0.07	34.09 -0.87 0.00	35.32 -0.79 0.00	38.20 -0.66 0.00	40.08 -1.11 0.00	40.71 -1.26 0.00	41.09 -2.58 -0.01	40.56 -2.28 -2.19	46.87 -1.60 -2.71	52.88 -1.28 -2.90	49.89 -1.51 -0.97	45.28 -1.43 -0.45	41.03 -1.05 0.00	37.63 -0.08 0.00	33.99 -0.03 0.00	30.64 0.66 0.00
HUNTLEY___66 23560	29.61 0.09 0.00	25.55 -0.28 0.00	23.18 -0.81 -0.15	20.55 -0.93 -0.28	20.31 -0.84 -0.25	21.67 -0.74 -0.12	24.75 -0.20 0.00	26.23 -0.81 0.00	30.58 -1.34 -0.07	34.09 -0.87 0.00	35.32 -0.79 0.00	38.20 -0.66 0.00	40.08 -1.11 0.00	40.71 -1.26 0.00	41.09 -2.58 -0.01	40.56 -2.28 -2.19	46.87 -1.60 -2.71	52.88 -1.28 -2.90	49.89 -1.51 -0.97	45.28 -1.43 -0.45	41.03 -1.05 0.00	37.63 -0.08 0.00	33.99 -0.03 0.00	30.64 0.66 0.00
HUNTLEY___67 23561	29.41 -0.12 0.00	25.40 -0.44 0.00	22.99 -1.00 -0.15	20.41 -1.08 -0.29	20.15 -1.00 -0.26	21.52 -0.89 -0.13	24.60 -0.35 0.00	26.05 -1.00 0.00	30.39 -1.53 -0.07	33.84 -1.12 0.00	35.07 -1.05 0.00	37.89 -0.97 0.00	39.91 -1.28 0.00	40.54 -1.43 0.00	40.92 -2.75 -0.01	40.49 -2.40 -2.24	46.76 -1.79 -2.77	52.79 -1.44 -2.97	49.76 -1.66 -0.99	45.15 -1.57 -0.46	40.91 -1.18 0.00	37.33 -0.38 0.00	33.75 -0.27 0.00	30.40 0.42 0.00
HUNTLEY___68 23562	29.41 -0.12 0.00	25.40 -0.44 0.00	22.99 -1.00 -0.15	20.41 -1.08 -0.29	20.15 -1.00 -0.26	21.52 -0.89 -0.13	24.60 -0.35 0.00	26.05 -1.00 0.00	30.39 -1.53 -0.07	33.84 -1.12 0.00	35.07 -1.05 0.00	37.89 -0.97 0.00	39.91 -1.28 0.00	40.54 -1.43 0.00	40.92 -2.75 -0.01	40.49 -2.40 -2.24	46.76 -1.79 -2.77	52.79 -1.44 -2.97	49.76 -1.66 -0.99	45.15 -1.57 -0.46	40.91 -1.18 0.00	37.33 -0.38 0.00	33.75 -0.27 0.00	30.40 0.42 0.00
HYLAND___LFGE 323620	31.30 1.77 0.00	26.95 1.11 0.00	24.67 0.67 -0.17	21.96 0.45 -0.31	21.63 0.46 -0.28	23.04 0.62 -0.14	25.95 1.00 0.00	27.56 0.51 0.00	32.05 0.13 -0.08	34.19 -0.77 0.00	35.65 -0.47 0.00	37.65 -1.20 0.00	39.87 -1.32 0.00	40.38 -1.59 0.00	41.53 -2.14 -0.01	42.00 -1.06 -2.41	48.34 -0.46 -3.03	54.20 -0.31 -3.24	51.16 -0.35 -1.08	47.13 0.37 -0.50	43.18 1.09 0.00	39.22 1.51 0.00	35.28 1.26 0.00	32.23 2.25 0.00
INDECK___CORINTH 23802	31.97 2.45 0.00	27.96 2.12 0.00	27.14 1.93 -1.37	25.44 1.65 -2.59	24.85 1.65 -2.30	25.24 1.83 -1.12	27.07 2.12 0.00	29.42 2.41 0.03	35.99 2.87 -1.28	37.55 3.11 0.52	39.44 3.32 0.00	42.55 3.69 0.00	45.06 3.87 0.00	46.00 4.03 0.00	47.60 4.01 0.07	64.97 3.70 -20.62	108.86 4.39 -58.70	119.58 4.92 -63.39	76.96 4.74 -21.78	60.90 4.44 -10.19	46.29 4.21 0.00	41.22 3.51 0.00	37.10 3.13 0.04	32.68 2.70 0.00
INDECK___ILION 23567	29.55 0.03 0.00	25.86 0.03 0.00	23.84 0.00 0.00	21.18 -0.02 0.00	20.87 -0.02 0.00	22.24 -0.04 0.00	24.90 -0.05 0.00	26.96 -0.08 0.00	31.75 -0.10 0.00	34.86 -0.10 0.00	36.15 0.04 0.00	38.94 0.08 0.00	41.23 0.04 0.00	42.10 0.13 0.00	43.62 -0.04 0.00	40.61 -0.04 0.00	45.72 -0.05 0.00	51.26 0.00 0.00	50.38 -0.05 0.00	46.27 0.00 0.00	42.04 -0.04 0.00	37.67 -0.04 0.00	33.95 -0.07 0.00	29.89 -0.09 0.00
INDECK___OLEAN 23982	29.64 0.12 0.00	25.63 -0.21 0.00	22.63 -1.38 -0.18	20.14 -1.40 -0.34	19.84 -1.36 -0.30	21.25 -1.18 -0.15	24.88 -0.07 0.00	26.56 -0.49 0.00	31.20 -0.73 -0.09	34.51 -0.46 0.00	36.26 0.15 0.00	38.16 -0.70 0.00	40.28 -0.91 0.00	41.05 -0.92 0.00	41.79 -1.88 -0.01	40.81 -2.48 -2.64	48.34 -0.78 -3.35	54.24 -0.61 -3.59	50.92 -0.71 -1.20	45.94 -0.88 -0.55	41.41 -0.67 0.00	37.52 -0.19 0.00	34.09 0.07 0.00	30.76 0.78 0.00
INDECK___OSWEGO 23783	28.96 -0.56 0.00	25.27 -0.57 0.00	23.36 -0.55 -0.08	20.87 -0.47 -0.14	20.56 -0.46 -0.13	21.86 -0.49 -0.06	24.43 -0.53 0.00	26.45 -0.60 0.00	31.14 -0.70 0.00	34.26 -0.70 0.00	35.50 -0.61 0.00	37.89 -0.97 0.00	40.12 -1.07 0.00	40.84 -1.13 0.00	42.35 -1.31 0.00	40.42 -1.22 -0.99	44.44 -1.33 0.00	49.83 -1.43 0.00	49.02 -1.41 0.00	45.02 -1.25 0.00	41.07 -1.01 0.00	36.88 -0.83 0.00	33.48 -0.55 0.00	29.53 -0.45 0.00

INDECK___YERKES 23781	29.61 0.09 0.00	25.40 -0.44 0.00	23.20 -0.79 -0.15	20.57 -0.91 -0.28	20.31 -0.84 -0.25	21.70 -0.71 -0.12	24.78 -0.17 0.00	26.24 -0.81 0.00	30.93 -0.99 -0.07	34.23 -0.74 0.00	35.87 -0.25 0.00	37.92 -0.93 0.00	40.08 -1.11 0.00	40.71 -1.26 0.00	41.13 -2.53 -0.01	40.56 -2.28 -2.19	46.92 -1.56 -2.71	52.67 -1.49 -2.90	49.84 -1.56 -0.97	45.33 -1.39 -0.45	41.03 -1.05 0.00	37.56 -0.15 0.00	33.92 -0.10 0.00	30.67 0.69 0.00
INDIAN POINT_GT_1 24139	31.47 1.95 0.00	27.62 1.78 0.00	26.54 1.69 -1.01	24.57 1.46 -1.91	24.02 1.42 -1.70	24.65 1.54 -0.83	26.72 1.77 0.00	29.26 2.19 -0.02	35.11 2.55 -0.72	38.66 2.76 -0.93	38.97 2.85 0.00	41.93 3.07 0.00	44.57 3.38 0.00	45.46 3.48 0.00	47.76 3.84 -0.26	61.18 3.74 -16.79	70.92 4.30 -20.84	77.86 4.77 -21.83	61.76 4.59 -6.74	53.14 3.89 -2.99	45.41 3.32 0.00	40.50 2.79 0.00	36.64 2.59 -0.04	32.20 2.22 0.00
INDIAN POINT_GT_2 23659	31.47 1.95 0.00	27.62 1.78 0.00	26.54 1.69 -1.01	24.57 1.46 -1.91	24.02 1.42 -1.70	24.65 1.54 -0.83	26.72 1.77 0.00	29.26 2.19 -0.02	35.11 2.55 -0.72	38.66 2.76 -0.93	38.97 2.85 0.00	41.93 3.07 0.00	44.57 3.38 0.00	45.46 3.48 0.00	47.76 3.84 -0.26	61.18 3.74 -16.79	70.92 4.30 -20.84	77.86 4.77 -21.83	61.76 4.59 -6.74	53.14 3.89 -2.99	45.41 3.32 0.00	40.50 2.79 0.00	36.64 2.59 -0.04	32.20 2.22 0.00
INDIAN POINT_GT_3 24019	31.47 1.95 0.00	27.62 1.78 0.00	26.54 1.69 -1.01	24.57 1.46 -1.91	24.02 1.42 -1.70	24.65 1.54 -0.83	26.72 1.77 0.00	29.26 2.19 -0.02	35.11 2.55 -0.72	38.66 2.76 -0.93	38.97 2.85 0.00	41.93 3.07 0.00	44.57 3.38 0.00	45.46 3.48 0.00	47.76 3.84 -0.26	61.18 3.74 -16.79	70.92 4.30 -20.84	77.86 4.77 -21.83	61.76 4.59 -6.74	53.14 3.89 -2.99	45.41 3.32 0.00	40.50 2.79 0.00	36.64 2.59 -0.04	32.20 2.22 0.00
INDIAN POINT___2 23530	31.42 1.89 0.00	27.62 1.78 0.00	26.45 1.62 -1.00	24.48 1.40 -1.88	23.94 1.38 -1.67	24.59 1.49 -0.81	26.67 1.72 0.00	29.21 2.14 -0.02	34.99 2.45 -0.70	38.40 2.62 -0.81	38.65 2.53 0.00	41.81 2.95 0.00	44.44 3.25 0.00	45.29 3.32 0.00	47.58 3.67 -0.25	60.72 3.62 -16.45	70.31 4.12 -20.41	77.21 4.56 -21.39	61.48 4.44 -6.61	52.91 3.70 -2.94	45.24 3.16 0.00	40.39 2.68 0.00	36.57 2.52 -0.04	32.14 2.16 0.00
INDIAN POINT___3 23531	31.41 1.89 0.00	27.57 1.73 0.00	26.49 1.64 -1.01	24.53 1.42 -1.91	24.00 1.40 -1.70	24.61 1.49 -0.83	26.67 1.72 0.00	29.18 2.11 -0.02	35.01 2.45 -0.72	38.65 2.62 -1.07	38.83 2.71 0.00	41.77 2.91 0.00	44.40 3.21 0.00	45.29 3.32 0.00	47.59 3.67 -0.26	61.03 3.58 -16.81	70.75 4.12 -20.86	77.62 4.51 -21.85	61.56 4.39 -6.74	52.92 3.66 -2.99	45.20 3.11 0.00	40.35 2.64 0.00	36.51 2.45 -0.04	32.11 2.13 0.00
INGHAM_C_115KV_TB7 356103	29.35 -0.18 0.00	25.66 -0.18 0.00	23.62 -0.21 0.00	20.97 -0.23 0.00	20.64 -0.25 0.00	22.02 -0.27 0.00	24.63 -0.32 0.00	26.64 -0.41 0.00	31.33 -0.51 0.00	34.40 -0.56 0.00	35.76 -0.36 0.00	38.55 -0.31 0.00	40.86 -0.33 0.00	41.72 -0.25 0.00	43.18 -0.48 0.00	40.16 -0.49 0.00	45.22 -0.55 0.00	50.65 -0.62 0.00	49.83 -0.61 0.00	45.76 -0.51 0.00	41.54 -0.55 0.00	37.22 -0.49 0.00	33.54 -0.48 0.00	29.53 -0.45 0.00
IP CORINTH___1 23988	31.95 2.42 0.00	27.93 2.09 0.00	27.14 1.93 -1.37	25.44 1.65 -2.59	24.85 1.65 -2.30	25.24 1.83 -1.12	27.07 2.12 0.00	29.42 2.41 0.03	35.96 2.83 -1.28	37.55 3.11 0.52	39.55 3.43 0.00	42.55 3.69 0.00	45.06 3.87 0.00	46.00 4.03 0.00	47.65 4.06 0.07	64.97 3.70 -20.62	108.86 4.39 -58.70	119.63 4.97 -63.40	76.96 4.74 -21.78	60.90 4.44 -10.19	46.29 4.21 0.00	41.22 3.51 0.00	37.07 3.10 0.04	32.71 2.73 0.00
IP___TICONDEROGA 23804	33.78 4.25 0.00	29.43 3.59 0.00	28.49 3.29 -1.37	26.58 2.80 -2.59	25.97 2.78 -2.30	26.51 3.10 -1.12	28.59 3.64 0.00	31.24 4.22 0.03	38.14 5.03 -1.26	39.99 5.56 0.53	42.22 6.10 0.00	45.50 6.64 0.00	48.07 6.88 0.00	49.15 7.18 0.00	50.74 7.16 0.08	67.58 6.42 -20.51	111.55 7.60 -58.18	122.52 8.41 -62.86	80.07 8.02 -21.62	63.93 7.54 -10.12	49.28 7.20 0.00	43.93 6.22 0.00	39.42 5.44 0.05	34.75 4.77 0.00
ISLIP_RES_REC 323679	38.06 3.66 -4.87	36.94 3.28 -7.82	30.61 2.98 -3.79	25.66 2.52 -1.94	25.08 2.46 -1.73	25.78 2.65 -0.84	29.06 3.19 -0.91	33.60 3.71 -2.85	36.71 4.14 -0.73	39.84 3.98 -0.90	39.41 3.29 -0.01	43.25 4.39 -0.01	69.05 5.32 -22.55	110.67 5.29 -63.41	119.39 5.67 -70.05	130.10 5.41 -84.04	196.57 6.14 -144.67	241.54 6.82 -183.46	235.77 6.46 -178.88	128.07 5.60 -76.21	114.38 5.18 -67.11	65.63 4.37 -23.55	41.88 4.46 -3.41	39.42 3.87 -5.57
JAMAICA__27_KV_LOAD 355505	32.18 2.66 0.00	28.11 2.27 0.00	27.03 2.17 -1.03	24.96 1.82 -1.94	24.39 1.78 -1.73	25.04 1.92 -0.84	27.22 2.27 0.00	30.02 2.95 -0.02	36.01 3.44 -0.73	39.63 3.78 -0.89	39.62 3.50 0.00	42.70 3.85 0.00	45.39 4.20 0.00	46.34 4.37 0.00	48.77 4.85 -0.26	62.45 4.76 -17.05	72.51 5.58 -21.15	79.61 6.20 -22.15	63.21 5.95 -6.83	54.30 5.00 -3.03	46.29 4.21 0.00	41.22 3.51 0.00	37.66 3.61 -0.04	33.01 3.03 0.00
JANIS___SOLAR 323808	31.21 1.68 0.00	27.16 1.32 0.00	25.09 1.00 -0.25	22.50 0.83 -0.47	22.13 0.81 -0.42	23.40 0.91 -0.20	26.20 1.25 0.00	28.29 1.24 0.00	33.30 1.31 -0.15	36.40 1.43 0.00	37.64 1.52 0.00	40.45 1.59 0.00	42.71 1.52 0.00	43.48 1.51 0.00	44.86 1.18 -0.02	45.42 1.02 -3.75	53.34 1.65 -5.92	60.01 2.41 -6.34	55.22 2.67 -2.11	50.07 2.82 -0.98	44.91 2.82 0.00	40.28 2.57 0.00	35.99 1.97 0.00	31.75 1.77 0.00
JARVIS____ 23743	29.61 0.09 0.00	25.92 0.08 0.00	23.91 0.07 0.00	21.26 0.06 0.00	20.96 0.06 0.00	22.35 0.07 0.00	25.03 0.08 0.00	27.10 0.05 0.00	31.94 0.10 0.00	35.07 0.11 0.00	36.23 0.11 0.00	39.01 0.16 0.00	41.31 0.12 0.00	42.10 0.13 0.00	43.79 0.13 0.00	40.73 0.08 0.00	45.91 0.14 0.00	51.42 0.15 0.00	50.59 0.15 0.00	46.45 0.19 0.00	42.21 0.13 0.00	37.82 0.11 0.00	34.09 0.07 0.00	30.04 0.06 0.00
JENNISON___1 23625	31.44 1.92 0.00	27.44 1.60 0.00	25.39 1.24 -0.31	22.85 1.06 -0.59	22.44 1.02 -0.53	23.68 1.14 -0.26	26.45 1.50 0.00	28.56 1.51 0.00	33.75 1.69 -0.22	36.88 1.92 0.00	38.32 2.20 0.00	41.27 2.41 0.00	43.58 2.39 0.00	44.36 2.39 0.00	45.74 2.05 -0.02	47.18 1.71 -4.82	56.81 2.29 -8.75	63.65 3.02 -9.36	56.68 3.13 -3.12	50.85 3.15 -1.44	45.12 3.03 0.00	40.46 2.75 0.00	36.20 2.18 0.00	31.93 1.95 0.00
JENNISON___2 23626	31.44 1.92 0.00	27.44 1.60 0.00	25.39 1.24 -0.31	22.85 1.06 -0.59	22.44 1.02 -0.53	23.68 1.14 -0.26	26.45 1.50 0.00	28.56 1.51 0.00	33.75 1.69 -0.22	36.88 1.92 0.00	38.32 2.20 0.00	41.27 2.41 0.00	43.58 2.39 0.00	44.36 2.39 0.00	45.74 2.05 -0.02	47.18 1.71 -4.82	56.81 2.29 -8.75	63.65 3.02 -9.36	56.68 3.13 -3.12	50.85 3.15 -1.44	45.12 3.03 0.00	40.46 2.75 0.00	36.20 2.18 0.00	31.93 1.95 0.00

JERICO_RISE_WT_PWR 323719	29.61 0.09 0.00	25.92 0.08 0.00	24.00 0.17 0.00	21.37 0.17 0.00	21.02 0.13 0.00	22.40 0.11 0.00	24.95 0.00 0.00	27.10 0.05 0.00	32.00 0.16 0.00	35.17 0.21 0.00	36.12 0.00 0.00	38.63 -0.23 0.00	40.94 -0.25 0.00	41.76 -0.21 0.00	43.75 0.09 0.00	40.69 0.04 0.00	45.45 -0.32 0.00	50.70 -0.56 0.00	49.83 -0.60 0.00	45.71 -0.55 0.00	41.54 -0.55 0.00	37.15 -0.56 0.00	33.54 -0.48 0.00	29.41 -0.57 0.00
KATONAH__115KV_46KV_TB4 355592	31.74 2.21 0.00	27.83 1.99 0.00	26.76 1.88 -1.04	24.80 1.63 -1.97	24.21 1.57 -1.75	24.83 1.69 -0.85	26.90 1.95 0.00	29.50 2.43 -0.02	35.51 2.93 -0.74	39.06 3.32 -0.77	39.51 3.40 0.00	42.55 3.69 0.00	45.19 4.00 0.00	46.09 4.11 0.00	48.46 4.54 -0.26	62.28 4.35 -17.28	72.26 5.03 -21.45	79.38 5.64 -22.48	62.83 5.45 -6.94	53.98 4.63 -3.08	46.13 4.04 0.00	41.07 3.36 0.00	36.98 2.93 -0.04	32.53 2.55 0.00
KCE_NY_1 323755	31.68 2.15 0.00	27.75 1.91 0.00	26.97 1.76 -1.37	25.31 1.53 -2.58	24.69 1.51 -2.30	25.05 1.65 -1.12	26.85 1.90 0.00	29.10 2.08 0.03	35.53 2.45 -1.24	37.03 2.62 0.55	38.86 2.74 0.00	41.97 3.11 0.00	44.44 3.25 0.00	45.37 3.40 0.00	47.02 3.45 0.09	64.16 3.17 -20.34	106.98 3.75 -57.45	117.61 4.25 -62.09	75.90 4.08 -21.38	60.08 3.79 -10.01	45.58 3.49 0.00	40.69 2.98 0.00	36.63 2.66 0.05	32.32 2.34 0.00
KCE_NY_6_ESR 323823	29.79 0.27 0.00	25.61 -0.23 0.00	23.16 -0.83 -0.16	20.57 -0.93 -0.30	20.28 -0.88 -0.27	21.68 -0.73 -0.13	24.95 0.00 0.00	26.45 -0.60 0.00	31.19 -0.73 -0.07	34.47 -0.49 0.00	36.12 0.00 0.00	38.43 -0.43 0.00	40.57 -0.62 0.00	41.26 -0.71 0.00	41.75 -1.92 -0.01	41.12 -1.87 -2.34	47.81 -0.87 -2.91	53.71 -0.67 -3.12	50.72 -0.76 -1.04	46.01 -0.74 -0.48	41.58 -0.50 0.00	37.82 0.11 0.00	34.12 0.10 0.00	30.85 0.87 0.00
KEDC_PORT_JEFF_GT2 24210	37.68 3.28 -4.88	36.60 2.94 -7.82	30.32 2.69 -3.79	25.43 2.29 -1.94	24.85 2.24 -1.73	25.53 2.41 -0.84	28.73 2.87 -0.91	33.25 3.35 -2.85	36.27 3.69 -0.73	39.32 3.46 -0.89	38.80 2.67 0.00	42.56 3.69 0.00	73.31 4.36 -27.76	124.37 4.32 -78.08	138.76 4.63 -90.48	152.13 4.39 -107.09	237.93 4.99 -187.17	248.73 5.38 -192.09	281.97 5.20 -226.34	150.20 4.49 -99.44	131.99 4.25 -85.66	70.25 4.25 -28.99	41.43 3.54 -3.46	38.31 3.45 -4.88
KEDC_PORT_JEFF_GT3 24211	37.68 3.28 -4.88	36.60 2.94 -7.82	30.32 2.69 -3.79	25.43 2.29 -1.94	24.85 2.24 -1.73	25.53 2.41 -0.84	28.73 2.87 -0.91	33.25 3.35 -2.85	36.27 3.69 -0.73	39.32 3.46 -0.89	38.80 2.67 0.00	42.56 3.69 0.00	73.31 4.36 -27.76	124.37 4.32 -78.08	138.76 4.63 -90.48	152.13 4.39 -107.09	237.93 4.99 -187.17	248.73 5.38 -192.09	281.97 5.20 -226.34	150.20 4.49 -99.44	131.99 4.25 -85.66	70.25 4.25 -28.99	41.43 3.54 -3.46	38.31 3.45 -4.88
KEDC_GLWD_GT4 24219	37.05 2.66 -4.86	36.03 2.38 -7.82	29.82 2.19 -3.79	25.02 1.89 -1.94	24.46 1.84 -1.73	25.11 1.98 -0.84	28.21 2.34 -0.92	32.71 2.81 -2.85	35.85 3.28 -0.73	39.17 3.32 -0.89	38.97 2.85 0.00	42.43 3.57 0.00	45.32 4.12 -0.02	46.21 4.24 0.00	48.51 4.58 -0.26	62.11 4.39 -17.07	71.92 4.99 -21.16	78.90 5.49 -22.15	62.51 5.25 -6.83	53.79 4.49 -3.03	46.04 3.95 0.00	41.03 3.32 0.00	46.87 3.27 -9.58	35.49 2.94 -2.57
KEDC_GLWD_GT5 24220	37.05 2.66 -4.86	36.03 2.38 -7.82	29.82 2.19 -3.79	25.02 1.89 -1.94	24.46 1.84 -1.73	25.11 1.98 -0.84	28.21 2.34 -0.92	32.71 2.81 -2.85	35.85 3.28 -0.73	39.17 3.32 -0.89	38.97 2.85 0.00	42.43 3.57 0.00	45.32 4.12 -0.02	46.21 4.24 0.00	48.51 4.58 -0.26	62.11 4.39 -17.07	71.92 4.99 -21.16	78.90 5.49 -22.15	62.51 5.25 -6.83	53.79 4.49 -3.03	46.04 3.95 0.00	41.03 3.32 0.00	46.87 3.27 -9.58	35.49 2.94 -2.57
KENSICO____ 23655	31.62 2.10 0.00	27.73 1.89 0.00	26.62 1.76 -1.02	24.66 1.53 -1.93	24.12 1.50 -1.72	24.75 1.63 -0.84	26.82 1.87 0.00	29.40 2.33 -0.02	35.28 2.71 -0.73	38.81 2.94 -0.91	39.12 3.00 0.00	42.08 3.23 0.00	44.73 3.54 0.00	45.62 3.65 0.00	47.98 4.06 -0.26	61.55 3.90 -17.00	71.35 4.49 -21.09	78.32 4.97 -22.09	62.09 4.84 -6.81	53.36 4.07 -3.02	45.54 3.45 0.00	40.65 2.94 0.00	36.78 2.72 -0.04	32.35 2.37 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.47 1.95 0.00	27.54 1.71 0.00	26.35 1.57 -0.95	24.34 1.36 -1.79	23.82 1.34 -1.59	24.51 1.45 -0.77	26.65 1.70 0.00	29.22 2.16 -0.01	34.79 2.36 -0.59	37.50 2.34 -0.20	38.43 2.31 0.00	41.42 2.56 0.00	44.28 3.09 0.00	45.20 3.23 0.00	47.56 3.75 -0.15	58.99 3.62 -14.73	68.91 3.71 -19.43	75.67 4.15 -20.26	61.05 4.03 -6.58	52.67 3.42 -2.98	45.03 2.95 0.00	40.24 2.53 0.00	36.35 2.31 -0.02	31.87 1.89 0.00
KIAC_JFK_GT1 23816	32.09 2.57 0.00	28.04 2.20 0.00	26.96 2.10 -1.03	24.90 1.76 -1.94	24.35 1.73 -1.73	24.98 1.85 -0.84	27.15 2.20 0.00	29.91 2.84 -0.02	35.92 3.34 -0.73	39.53 3.67 -0.89	39.48 3.36 0.00	42.51 3.65 0.00	45.23 4.04 0.00	46.17 4.20 0.00	48.60 4.67 -0.26	62.29 4.59 -17.05	72.32 5.40 -21.15	79.36 5.95 -22.15	62.96 5.70 -6.83	54.06 4.77 -3.03	46.13 4.04 0.00	41.07 3.36 0.00	37.53 3.47 -0.04	32.92 2.94 0.00
KIAC_JFK_GT2 23817	32.09 2.57 0.00	28.04 2.20 0.00	26.96 2.10 -1.03	24.90 1.76 -1.94	24.35 1.73 -1.73	24.98 1.85 -0.84	27.15 2.20 0.00	29.91 2.84 -0.02	35.92 3.34 -0.73	39.53 3.67 -0.89	39.48 3.36 0.00	42.51 3.65 0.00	45.23 4.04 0.00	46.17 4.20 0.00	48.60 4.67 -0.26	62.29 4.59 -17.05	72.32 5.40 -21.15	79.36 5.95 -22.15	62.96 5.70 -6.83	54.06 4.77 -3.03	46.13 4.04 0.00	41.07 3.36 0.00	37.53 3.47 -0.04	32.92 2.94 0.00
KIAC_JFK____ 323774	32.09 2.57 0.00	28.09 2.25 0.00	26.96 2.10 -1.03	24.90 1.76 -1.94	24.33 1.71 -1.73	24.98 1.85 -0.84	27.15 2.20 0.00	29.91 2.84 -0.02	35.92 3.34 -0.73	39.49 3.64 -0.89	39.30 3.18 0.00	42.51 3.65 0.00	45.23 4.04 0.00	46.13 4.16 0.00	48.55 4.63 -0.26	62.28 4.59 -17.04	72.27 5.35 -21.15	79.30 5.89 -22.15	62.96 5.70 -6.83	54.06 4.77 -3.03	46.09 4.00 0.00	41.11 3.40 0.00	37.60 3.54 -0.04	32.92 2.94 0.00
KINTIGH____ 23543	29.20 -0.32 0.00	25.24 -0.59 0.00	23.13 -0.83 -0.13	20.56 -0.89 -0.25	20.30 -0.81 -0.22	21.64 -0.76 -0.11	24.48 -0.47 0.00	26.05 -1.00 0.00	30.41 -1.50 -0.06	33.81 -1.15 0.00	35.00 -1.12 0.00	37.81 -1.05 0.00	39.87 -1.32 0.00	40.50 -1.47 0.00	41.05 -2.62 -0.01	40.54 -2.03 -1.93	46.17 -1.92 -2.32	52.06 -1.69 -2.49	49.40 -1.87 -0.83	44.98 -1.67 -0.38	40.82 -1.26 0.00	37.18 -0.53 0.00	33.58 -0.44 0.00	30.13 0.15 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.06 0.53 0.00	26.28 0.44 0.00	24.34 0.50 0.00	21.67 0.47 0.00	21.29 0.40 0.00	22.71 0.42 0.00	25.30 0.35 0.00	27.48 0.43 0.00	32.51 0.67 0.00	35.70 0.73 0.00	36.52 0.40 0.00	39.13 0.27 0.00	41.52 0.33 0.00	42.31 0.34 0.00	44.31 0.65 0.00	41.26 0.61 0.00	46.00 0.23 0.00	51.31 0.05 0.00	50.48 0.05 0.00	46.31 0.05 0.00	42.09 0.00 0.00	37.67 -0.04 0.00	34.12 0.10 0.00	29.83 -0.15 0.00

LACHUTE____HYDRO 323717	33.80 4.28 0.00	29.43 3.59 0.00	28.50 3.29 -1.37	26.58 2.80 -2.59	25.97 2.78 -2.30	26.50 3.10 -1.12	28.59 3.64 0.00	31.23 4.22 0.03	38.23 5.13 -1.26	39.95 5.52 0.53	42.15 6.03 0.00	45.50 6.64 0.00	48.07 6.88 0.00	49.15 7.18 0.00	50.74 7.16 0.08	67.57 6.42 -20.51	111.59 7.64 -58.18	122.42 8.30 -62.85	80.02 7.97 -21.62	63.88 7.49 -10.12	49.28 7.19 0.00	43.89 6.18 0.00	39.42 5.44 0.04	34.75 4.77 0.00
LAWRNCV_115KV_TB1 80681	28.55 -0.97 0.00	24.93 -0.90 0.00	23.10 -0.74 0.00	20.54 -0.66 0.00	20.20 -0.69 0.00	21.53 -0.76 0.00	24.00 -0.95 0.00	26.07 -0.97 0.00	30.89 -0.96 0.00	33.91 -1.05 0.00	34.85 -1.26 0.00	37.46 -1.40 0.00	39.71 -1.48 0.00	40.50 -1.47 0.00	42.26 -1.40 0.00	39.22 -1.42 0.00	43.85 -1.92 0.00	48.90 -2.36 0.00	48.22 -2.22 0.00	44.37 -1.90 0.00	40.40 -1.68 0.00	36.24 -1.47 0.00	32.73 -1.29 0.00	28.69 -1.29 0.00
LEDERLE____ 23769	31.44 1.92 0.00	27.62 1.78 0.00	26.48 1.67 -0.98	24.48 1.44 -1.84	23.95 1.42 -1.64	24.62 1.54 -0.80	26.72 1.77 0.00	29.23 2.16 -0.02	35.01 2.48 -0.68	37.47 2.59 0.08	38.86 2.75 0.00	41.81 2.95 0.00	44.48 3.30 0.00	45.37 3.40 0.00	47.70 3.80 -0.24	60.40 3.66 -16.09	69.95 4.21 -19.97	76.86 4.66 -20.93	61.40 4.49 -6.48	52.90 3.75 -2.88	45.28 3.20 0.00	40.43 2.72 0.00	36.54 2.48 -0.03	32.11 2.13 0.00
LIGHTHSE_115KV_TB6 355974	29.32 -0.21 0.00	25.58 -0.26 0.00	23.60 -0.31 -0.07	21.08 -0.25 -0.13	20.74 -0.27 -0.12	22.05 -0.29 -0.06	24.68 -0.27 0.00	26.69 -0.35 0.00	31.46 -0.38 0.00	34.65 -0.31 0.00	35.79 -0.33 0.00	38.55 -0.31 0.00	40.82 -0.37 0.00	41.59 -0.38 0.00	43.09 -0.57 0.00	40.92 -0.65 -0.92	44.95 -0.82 0.00	50.49 -0.77 0.00	49.73 -0.71 0.00	45.76 -0.51 0.00	41.79 -0.29 0.00	37.63 -0.08 0.00	33.88 -0.14 0.00	29.86 -0.12 0.00
LINDEN COGEN____ 23786	31.68 2.15 0.00	27.75 1.91 0.00	26.65 1.79 -1.03	24.66 1.53 -1.94	24.12 1.51 -1.73	24.73 1.61 -0.84	26.82 1.87 0.00	29.51 2.44 -0.02	35.44 2.87 -0.73	37.33 3.01 0.64	38.86 2.74 0.00	40.39 3.26 1.73	40.15 3.58 4.63	40.38 3.69 5.29	41.35 4.06 6.37	49.66 3.99 -5.02	56.73 4.58 -6.38	63.39 5.08 -7.05	46.16 4.89 9.17	41.89 4.02 8.40	40.64 3.37 4.81	40.40 2.90 0.21	36.95 2.89 -0.04	32.47 2.49 0.00
LINDHRST_69_KV_BK1 356055	37.73 3.34 -4.86	36.60 2.95 -7.82	30.37 2.74 -3.79	25.47 2.33 -1.94	24.92 2.30 -1.73	25.60 2.47 -0.84	28.81 2.94 -0.91	33.36 3.46 -2.85	36.46 3.88 -0.73	39.46 3.60 -0.90	40.10 3.97 -0.01	43.14 4.27 -0.01	48.23 4.98 -2.06	52.62 4.91 -5.74	53.20 5.37 -4.17	62.71 5.00 -17.07	75.98 5.72 -24.48	83.80 6.36 -26.18	68.74 6.00 -12.30	57.60 5.23 -6.10	51.30 4.84 -4.37	43.91 4.07 -2.13	42.86 4.05 -4.79	37.61 3.60 -4.03
LIPA_MISC_IPP 23656	37.59 3.19 -4.87	36.50 2.84 -7.82	30.27 2.65 -3.79	25.39 2.25 -1.94	24.81 2.19 -1.73	25.49 2.36 -0.84	28.69 2.82 -0.91	33.17 3.27 -2.85	36.17 3.60 -0.73	39.14 3.29 -0.89	39.77 3.65 0.00	42.75 3.89 0.00	69.35 4.61 -23.55	112.81 4.62 -66.22	114.78 5.02 -66.10	100.14 4.67 -54.81	178.33 5.36 -127.20	208.38 6.00 -151.12	166.56 5.60 -110.52	120.20 4.86 -69.07	111.71 4.50 -65.12	66.00 3.70 -24.59	40.95 3.74 -3.19	38.46 3.39 -5.09
LISF____SOLAR 323691	37.65 3.25 -4.87	36.58 2.92 -7.82	30.30 2.67 -3.79	25.43 2.29 -1.94	24.83 2.21 -1.73	25.51 2.39 -0.84	28.73 2.87 -0.91	33.22 3.33 -2.85	36.23 3.66 -0.73	39.32 3.46 -0.89	38.83 2.71 0.00	42.75 3.89 0.00	69.75 4.73 -23.83	113.72 4.74 -67.01	117.29 5.02 -68.61	123.75 4.79 -78.31	185.36 5.49 -134.10	219.47 6.10 -162.11	235.21 5.80 -178.98	123.68 5.00 -72.41	113.83 4.63 -67.12	66.44 3.85 -24.88	41.27 4.01 -3.24	38.54 3.45 -5.11
LITTLE FALLS____HYD 24013	29.35 -0.18 0.00	25.66 -0.18 0.00	23.62 -0.21 0.00	20.97 -0.23 0.00	20.64 -0.25 0.00	22.02 -0.27 0.00	24.63 -0.32 0.00	26.64 -0.41 0.00	31.33 -0.51 0.00	34.40 -0.56 0.00	35.76 -0.36 0.00	38.55 -0.31 0.00	40.86 -0.33 0.00	41.72 -0.25 0.00	43.18 -0.48 0.00	40.16 -0.49 0.00	45.22 -0.55 0.00	50.65 -0.62 0.00	49.83 -0.61 0.00	45.76 -0.51 0.00	41.54 -0.55 0.00	37.22 -0.49 0.00	33.54 -0.48 0.00	29.53 -0.45 0.00
LITTLRIV_115KV_TB1 356100	28.85 -0.68 0.00	25.19 -0.65 0.00	23.31 -0.52 0.00	20.73 -0.47 0.00	20.39 -0.50 0.00	21.73 -0.56 0.00	24.25 -0.70 0.00	26.32 -0.73 0.00	31.17 -0.67 0.00	34.26 -0.70 0.00	35.32 -0.79 0.00	37.96 -0.89 0.00	40.20 -0.99 0.00	41.05 -0.92 0.00	42.70 -0.96 0.00	39.59 -1.06 0.00	44.26 -1.51 0.00	49.26 -2.00 0.00	48.62 -1.82 0.00	44.83 -1.43 0.00	40.86 -1.22 0.00	36.65 -1.06 0.00	33.03 -0.99 0.00	28.96 -1.02 0.00
LI_NEWBRDGE____DRP 323616	36.93 2.54 -4.86	35.93 2.27 -7.82	29.77 2.15 -3.79	24.96 1.82 -1.94	24.42 1.80 -1.73	25.04 1.92 -0.84	28.14 2.27 -0.91	32.63 2.73 -2.85	35.63 3.06 -0.73	38.61 2.76 -0.89	39.15 3.03 0.00	42.16 3.30 0.00	45.08 3.87 -0.02	45.88 3.90 0.00	48.25 4.32 -0.26	61.74 4.02 -17.07	71.51 4.58 -21.16	78.44 5.02 -22.16	62.01 4.74 -6.83	53.37 4.07 -3.03	45.87 3.79 0.00	40.76 3.05 0.00	37.69 3.23 -0.44	35.31 2.76 -2.57
LOCKPORT_115KV_TB60_63_64 80432	29.44 -0.09 0.00	25.43 -0.41 0.00	22.95 -1.02 -0.14	20.37 -1.10 -0.27	20.13 -1.00 -0.24	21.49 -0.91 -0.12	24.63 -0.32 0.00	25.99 -1.05 0.00	30.32 -1.59 -0.07	33.77 -1.19 0.00	35.00 -1.12 0.00	37.85 -1.01 0.00	39.83 -1.36 0.00	40.46 -1.51 0.00	40.79 -2.88 -0.01	40.18 -2.56 -2.10	46.28 -2.06 -2.57	52.27 -1.74 -2.75	49.43 -1.92 -0.92	44.98 -1.71 -0.42	40.82 -1.26 0.00	37.30 -0.41 0.00	33.71 -0.31 0.00	30.34 0.36 0.00
LOCKPORT____CC1 323769	29.38 -0.15 0.00	25.22 -0.62 0.00	22.96 -1.02 -0.14	20.37 -1.10 -0.27	20.11 -1.02 -0.24	21.49 -0.91 -0.12	24.60 -0.35 0.00	25.99 -1.06 0.00	30.60 -1.31 -0.07	33.88 -1.08 0.00	35.47 -0.65 0.00	37.69 -1.16 0.00	39.79 -1.40 0.00	40.42 -1.55 0.00	40.83 -2.84 -0.01	40.20 -2.56 -2.11	46.39 -1.97 -2.59	52.14 -1.90 -2.77	49.44 -1.92 -0.92	45.03 -1.66 -0.43	40.74 -1.35 0.00	37.15 -0.56 0.00	33.58 -0.44 0.00	30.46 0.48 0.00
LOCKPORT____CC2 323770	29.38 -0.15 0.00	25.22 -0.62 0.00	22.96 -1.02 -0.14	20.37 -1.10 -0.27	20.11 -1.02 -0.24	21.49 -0.91 -0.12	24.60 -0.35 0.00	25.99 -1.06 0.00	30.60 -1.31 -0.07	33.88 -1.08 0.00	35.47 -0.65 0.00	37.69 -1.16 0.00	39.79 -1.40 0.00	40.42 -1.55 0.00	40.83 -2.84 -0.01	40.20 -2.56 -2.11	46.39 -1.97 -2.59	52.14 -1.90 -2.77	49.44 -1.92 -0.92	45.03 -1.66 -0.43	40.74 -1.35 0.00	37.15 -0.56 0.00	33.58 -0.44 0.00	30.46 0.48 0.00
LOCKPORT____CC3 323771	29.38 -0.15 0.00	25.22 -0.62 0.00	22.96 -1.02 -0.14	20.37 -1.10 -0.27	20.11 -1.02 -0.24	21.49 -0.91 -0.12	24.60 -0.35 0.00	25.99 -1.06 0.00	30.60 -1.31 -0.07	33.88 -1.08 0.00	35.47 -0.65 0.00	37.69 -1.16 0.00	39.79 -1.40 0.00	40.42 -1.55 0.00	40.83 -2.84 -0.01	40.20 -2.56 -2.11	46.39 -1.97 -2.59	52.14 -1.90 -2.77	49.44 -1.92 -0.92	45.03 -1.66 -0.43	40.74 -1.35 0.00	37.15 -0.56 0.00	33.58 -0.44 0.00	30.46 0.48 0.00

LONG_LAKE_PHOENIX 24014	29.08 -0.44 0.00	25.37 -0.47 0.00	23.44 -0.48 -0.08	20.94 -0.40 -0.15	20.63 -0.40 -0.13	21.93 -0.42 -0.06	24.50 -0.45 0.00	26.56 -0.49 0.00	31.17 -0.67 0.00	34.33 -0.63 0.00	35.54 -0.58 0.00	38.28 -0.58 0.00	40.57 -0.62 0.00	41.34 -0.63 0.00	42.79 -0.87 0.00	40.90 -0.77 -1.02	44.95 -0.82 0.00	50.44 -0.82 0.00	49.58 -0.86 0.00	45.57 -0.69 0.00	41.54 -0.55 0.00	37.33 -0.38 0.00	33.65 -0.37 0.00	29.68 -0.30 0.00
LOVETT___3 23632	31.30 1.77 0.00	27.52 1.68 0.00	26.39 1.57 -0.98	24.41 1.36 -1.85	23.90 1.36 -1.65	24.54 1.45 -0.80	26.62 1.67 0.00	29.12 2.06 -0.02	34.85 2.32 -0.69	37.33 2.48 0.11	38.72 2.60 0.00	41.66 2.80 0.00	44.28 3.09 0.00	45.16 3.19 0.00	47.44 3.54 -0.24	60.30 3.46 -16.20	69.86 3.98 -20.10	76.69 4.36 -21.07	61.19 4.24 -6.52	52.68 3.52 -2.90	45.07 2.99 0.00	40.24 2.53 0.00	36.40 2.35 -0.03	31.99 2.01 0.00
LOVETT___4 23642	31.30 1.77 0.00	27.52 1.68 0.00	26.39 1.57 -0.98	24.41 1.36 -1.85	23.90 1.36 -1.65	24.54 1.45 -0.80	26.62 1.67 0.00	29.12 2.06 -0.02	34.85 2.32 -0.69	37.33 2.48 0.11	38.72 2.60 0.00	41.66 2.80 0.00	44.28 3.09 0.00	45.16 3.19 0.00	47.44 3.54 -0.24	60.30 3.46 -16.20	69.86 3.98 -20.10	76.69 4.36 -21.07	61.19 4.24 -6.52	52.68 3.52 -2.90	45.07 2.99 0.00	40.24 2.53 0.00	36.40 2.35 -0.03	31.99 2.01 0.00
LOVETT___5 23593	31.30 1.77 0.00	27.52 1.68 0.00	26.39 1.57 -0.98	24.41 1.36 -1.85	23.90 1.36 -1.65	24.54 1.45 -0.80	26.62 1.67 0.00	29.12 2.06 -0.02	34.85 2.32 -0.69	37.33 2.48 0.11	38.72 2.60 0.00	41.66 2.80 0.00	44.28 3.09 0.00	45.16 3.19 0.00	47.44 3.54 -0.24	60.30 3.46 -16.20	69.86 3.98 -20.10	76.69 4.36 -21.07	61.19 4.24 -6.52	52.68 3.52 -2.90	45.07 2.99 0.00	40.24 2.53 0.00	36.40 2.35 -0.03	31.99 2.01 0.00
LOWER RAQUET___HYD 24057	28.40 -1.12 0.00	24.83 -1.01 0.00	22.98 -0.86 0.00	20.44 -0.76 0.00	20.12 -0.77 0.00	21.42 -0.87 0.00	23.88 -1.07 0.00	25.94 -1.11 0.00	30.70 -1.15 0.00	33.74 -1.22 0.00	34.71 -1.41 0.00	37.26 -1.59 0.00	39.50 -1.69 0.00	40.29 -1.68 0.00	42.09 -1.57 0.00	39.02 -1.63 0.00	43.62 -2.15 0.00	48.65 -2.61 0.00	47.91 -2.52 0.00	44.14 -2.13 0.00	40.23 -1.85 0.00	36.05 -1.66 0.00	32.49 -1.53 0.00	28.51 -1.47 0.00
LOWER___HUDSON 24059	30.97 1.45 0.00	27.18 1.34 0.00	26.41 1.24 -1.34	24.81 1.08 -2.53	24.21 1.06 -2.25	24.54 1.16 -1.10	26.30 1.35 0.00	28.41 1.41 0.04	34.46 1.65 -0.96	36.00 1.75 0.71	37.85 1.73 0.00	40.84 1.98 0.00	43.33 2.14 0.00	44.15 2.18 0.00	45.79 2.31 0.18	61.49 2.19 -18.65	97.25 2.52 -48.96	107.24 2.82 -53.16	71.79 2.77 -18.58	57.52 2.50 -8.76	44.31 2.23 0.00	39.63 1.92 0.00	35.70 1.73 0.06	31.48 1.50 0.00
LOWVILLE_115KV_TB2 356335	29.52 0.00 0.00	25.76 -0.08 0.00	23.75 -0.12 -0.04	21.16 -0.11 -0.07	20.83 -0.13 -0.06	22.18 -0.13 -0.03	24.80 -0.15 0.00	26.83 -0.22 0.00	31.72 -0.13 0.00	34.96 0.00 0.00	36.08 -0.04 0.00	38.90 0.04 0.00	41.07 -0.12 0.00	41.93 -0.04 0.00	43.49 -0.17 0.00	40.77 -0.37 -0.49	45.17 -0.60 0.00	50.75 -0.51 0.00	50.08 -0.35 0.00	45.76 -0.51 0.00	41.75 -0.34 0.00	37.52 -0.19 0.00	34.02 0.00 0.00	29.86 -0.12 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.65 2.13 0.00	27.73 1.89 0.00	26.94 1.74 -1.37	25.28 1.51 -2.58	24.69 1.50 -2.30	25.03 1.63 -1.12	26.85 1.90 0.00	29.07 2.06 0.03	35.50 2.42 -1.24	37.03 2.62 0.55	38.97 2.85 0.00	41.89 3.03 0.00	44.44 3.25 0.00	45.33 3.36 0.00	46.98 3.41 0.09	64.16 3.17 -20.34	106.93 3.71 -57.46	117.56 4.20 -62.10	75.90 4.09 -21.38	60.03 3.75 -10.01	45.54 3.45 0.00	40.65 2.94 0.00	36.59 2.62 0.05	32.32 2.34 0.00
LUTHERNY_35_KV_BK2 355980	31.68 2.16 0.00	27.75 1.91 0.00	26.97 1.76 -1.37	25.31 1.53 -2.58	24.69 1.50 -2.30	25.05 1.65 -1.12	26.85 1.90 0.00	29.10 2.08 0.03	35.53 2.45 -1.24	37.03 2.62 0.55	38.97 2.85 0.00	41.93 3.07 0.00	44.44 3.25 0.00	45.37 3.40 0.00	47.02 3.45 0.09	64.16 3.17 -20.34	106.98 3.75 -57.46	117.61 4.25 -62.10	75.95 4.14 -21.38	60.08 3.79 -10.01	45.58 3.49 0.00	40.65 2.94 0.00	36.59 2.62 0.05	32.32 2.34 0.00
LWR___OSWEGATCHIE_HYD 23850	28.82 -0.71 0.00	25.14 -0.70 0.00	23.24 -0.62 -0.03	20.70 -0.55 -0.05	20.37 -0.56 -0.05	21.68 -0.62 -0.02	24.20 -0.75 0.00	26.23 -0.81 0.00	31.05 -0.80 0.00	34.19 -0.77 0.00	35.14 -0.98 0.00	37.81 -1.05 0.00	40.00 -1.19 0.00	40.84 -1.13 0.00	42.52 -1.14 0.00	39.78 -1.22 -0.35	44.12 -1.65 0.00	49.36 -1.90 0.00	48.72 -1.71 0.00	44.79 -1.48 0.00	40.82 -1.26 0.00	36.65 -1.06 0.00	33.14 -0.88 0.00	29.05 -0.93 0.00
LYONS_FALL_HYD 23570	29.91 0.38 0.00	26.12 0.28 0.00	24.08 0.21 -0.03	21.43 0.17 -0.06	21.12 0.17 -0.06	22.49 0.18 -0.03	25.18 0.22 0.00	27.26 0.22 0.00	32.16 0.32 0.00	35.38 0.42 0.00	36.55 0.43 0.00	39.52 0.66 0.00	41.77 0.58 0.00	42.64 0.67 0.00	44.14 0.48 0.00	41.34 0.25 -0.45	46.05 0.28 0.00	51.67 0.41 0.00	50.94 0.50 0.00	46.73 0.46 0.00	42.59 0.51 0.00	38.20 0.49 0.00	34.46 0.44 0.00	30.31 0.33 0.00
MADISON___COUNTY_LFGE 323628	30.41 0.89 0.00	26.56 0.72 0.00	24.46 0.57 -0.06	21.77 0.47 -0.11	21.45 0.46 -0.10	22.85 0.51 -0.05	25.60 0.65 0.00	27.72 0.68 0.00	32.61 0.76 0.00	35.91 0.94 0.00	37.35 1.23 0.00	40.22 1.36 0.00	42.51 1.32 0.00	43.36 1.39 0.00	44.80 1.14 0.00	42.29 0.89 -0.75	46.96 1.19 0.00	52.80 1.54 0.00	51.95 1.51 0.00	47.79 1.53 0.00	43.56 1.47 0.00	39.03 1.32 0.00	35.04 1.02 0.00	30.85 0.87 0.00
MALONE___115KV_TB1 356076	29.52 0.00 0.00	25.79 -0.05 0.00	23.88 0.05 0.00	21.26 0.06 0.00	20.91 0.02 0.00	22.29 0.00 0.00	24.85 -0.10 0.00	27.02 -0.03 0.00	31.97 0.13 0.00	35.10 0.14 0.00	36.01 -0.11 0.00	38.55 -0.31 0.00	40.90 -0.29 0.00	41.72 -0.25 0.00	43.66 0.00 0.00	40.61 -0.04 0.00	45.27 -0.50 0.00	50.44 -0.82 0.00	49.68 -0.76 0.00	45.62 -0.65 0.00	41.50 -0.59 0.00	37.18 -0.53 0.00	33.58 -0.44 0.00	29.38 -0.60 0.00
MAPLEWOD_115KV_TB3 80458	31.00 1.48 0.00	27.18 1.34 0.00	26.43 1.26 -1.34	24.82 1.10 -2.52	24.24 1.11 -2.24	24.58 1.20 -1.09	26.30 1.35 0.00	28.48 1.46 0.03	34.49 1.75 -0.90	36.29 1.85 0.53	38.07 1.95 0.00	40.92 2.06 0.00	43.37 2.18 0.00	44.20 2.22 0.00	45.90 2.36 0.12	61.67 2.19 -18.83	92.14 2.56 -43.81	101.60 2.87 -47.47	69.69 2.77 -16.48	56.56 2.54 -7.75	44.40 2.31 0.00	39.63 1.92 0.00	35.81 1.84 0.04	31.60 1.62 0.00
MAPLE RIDGE_WT_1 323574	29.49 -0.03 0.00	25.81 -0.03 0.00	23.81 -0.02 0.00	21.16 -0.04 0.00	20.81 -0.08 0.00	22.18 -0.11 0.00	24.75 -0.20 0.00	26.78 -0.27 0.00	31.56 -0.29 0.00	34.65 -0.32 0.00	35.76 -0.36 0.00	38.43 -0.43 0.00	40.70 -0.49 0.00	41.38 -0.59 0.00	43.09 -0.57 0.00	40.16 -0.49 0.00	45.27 -0.50 0.00	50.59 -0.67 0.00	49.68 -0.76 0.00	45.44 -0.83 0.00	41.12 -0.97 0.00	36.65 -1.06 0.00	32.97 -1.05 0.00	28.99 -0.99 0.00

MAPLE_RIDGE_WT_2 323611	29.49 -0.03 0.00	25.81 -0.03 0.00	23.81 -0.02 0.00	21.16 -0.04 0.00	20.81 -0.08 0.00	22.18 -0.11 0.00	24.75 -0.20 0.00	26.78 -0.27 0.00	31.56 -0.29 0.00	34.65 -0.32 0.00	35.76 -0.36 0.00	38.43 -0.43 0.00	40.70 -0.49 0.00	41.38 -0.59 0.00	43.09 -0.57 0.00	40.16 -0.49 0.00	45.27 -0.50 0.00	50.59 -0.67 0.00	49.68 -0.76 0.00	45.44 -0.83 0.00	41.12 -0.97 0.00	36.65 -1.06 0.00	32.97 -1.05 0.00	28.99 -0.99 0.00
MARBLE_RIVER_WT_PWR 323696	29.73 0.21 0.00	26.02 0.18 0.00	24.10 0.26 0.00	21.43 0.23 0.00	21.10 0.21 0.00	22.46 0.18 0.00	25.05 0.10 0.00	27.21 0.16 0.00	32.13 0.29 0.00	35.31 0.35 0.00	36.26 0.15 0.00	38.74 -0.12 0.00	41.07 -0.12 0.00	41.89 -0.08 0.00	43.88 0.22 0.00	40.81 0.16 0.00	45.59 -0.18 0.00	50.85 -0.41 0.00	49.98 -0.45 0.00	45.85 -0.42 0.00	41.66 -0.42 0.00	37.26 -0.45 0.00	33.65 -0.37 0.00	29.53 -0.45 0.00
MARSHVLE_115KV_TB1 80742	32.33 2.80 0.00	28.24 2.40 0.00	27.65 2.17 -1.65	26.18 1.87 -3.11	25.52 1.86 -2.77	25.71 2.07 -1.35	27.45 2.50 0.00	29.73 2.70 0.02	36.16 3.12 -1.20	38.00 3.36 0.32	39.62 3.50 0.00	42.55 3.69 0.00	44.98 3.79 0.00	45.88 3.90 0.00	47.72 4.06 0.00	69.01 3.78 -24.58	102.66 4.58 -52.31	113.09 5.48 -56.35	75.12 5.50 -19.19	60.49 5.27 -8.94	47.05 4.97 0.00	41.90 4.19 0.00	37.46 3.47 0.03	33.07 3.09 0.00
MARSH_HILL_WT_PWR 323713	30.50 0.97 0.00	26.33 0.49 0.00	23.94 -0.09 -0.20	21.34 -0.23 -0.37	21.01 -0.21 -0.33	22.40 -0.04 -0.16	25.48 0.52 0.00	27.29 0.24 0.00	32.13 0.19 -0.09	35.31 0.35 0.00	36.98 0.87 0.00	39.44 0.58 0.00	41.69 0.50 0.00	42.35 0.38 0.00	43.15 -0.52 -0.01	42.95 -0.57 -2.87	49.98 0.50 -3.70	56.09 0.87 -3.96	52.66 0.91 -1.32	47.66 0.79 -0.61	43.01 0.92 0.00	38.84 1.13 0.00	34.94 0.92 0.00	31.36 1.38 0.00
MCINTYRE_115KV_TB2 80467	29.17 -0.35 0.00	25.50 -0.34 0.00	23.57 -0.26 0.00	20.99 -0.21 0.00	20.64 -0.25 0.00	21.97 -0.31 0.00	24.53 -0.42 0.00	26.59 -0.46 0.00	31.49 -0.35 0.00	34.54 -0.42 0.00	35.58 -0.54 0.00	38.24 -0.62 0.00	40.49 -0.70 0.00	41.34 -0.63 0.00	43.09 -0.57 0.00	39.96 -0.69 0.00	44.72 -1.05 0.00	49.83 -1.44 0.00	49.22 -1.21 0.00	45.39 -0.88 0.00	41.37 -0.72 0.00	37.07 -0.64 0.00	33.44 -0.58 0.00	29.32 -0.66 0.00
MECO____69_KV_BK1 80468	33.04 3.51 0.00	28.84 3.00 0.00	28.12 2.72 -1.56	26.48 2.33 -2.95	25.84 2.32 -2.63	26.15 2.59 -1.28	28.07 3.12 0.00	30.43 3.41 0.02	37.01 3.88 -1.28	38.77 4.16 0.35	41.39 5.27 0.00	44.26 5.40 0.00	46.67 5.48 0.00	47.60 5.62 0.00	48.67 5.02 0.01	69.05 4.80 -23.61	107.31 5.63 -55.91	118.31 6.82 -60.23	77.72 6.76 -20.53	62.31 6.48 -9.57	48.15 6.06 0.00	42.76 5.05 0.00	38.24 4.25 0.03	33.94 3.96 0.00
MENANDS__115KV_TB5 355628	30.65 1.12 0.00	26.90 1.06 0.00	26.19 1.02 -1.33	24.62 0.91 -2.51	24.02 0.90 -2.23	24.33 0.96 -1.09	26.00 1.05 0.00	28.15 1.14 0.03	34.02 1.37 -0.81	35.81 1.40 0.55	37.60 1.48 0.00	40.37 1.52 0.00	42.75 1.57 0.00	43.57 1.59 0.00	45.31 1.79 0.14	60.68 1.67 -18.37	88.35 1.92 -40.65	97.48 2.10 -44.11	67.84 2.02 -15.39	55.32 1.80 -7.25	43.68 1.60 0.00	39.07 1.36 0.00	35.34 1.36 0.05	31.18 1.20 0.00
MG INDUSTRY__DRP 24185	30.76 1.24 0.00	26.98 1.14 0.00	26.22 1.10 -1.29	24.61 0.98 -2.44	24.02 0.96 -2.17	24.37 1.03 -1.06	26.07 1.12 0.00	28.19 1.16 0.02	33.88 1.37 -0.67	36.06 1.40 0.30	37.60 1.48 0.00	40.37 1.52 0.00	44.20 3.01 0.00	44.99 3.02 0.00	46.97 3.36 0.05	61.39 3.09 -17.66	80.83 3.11 -31.95	87.54 3.64 -32.64	63.97 1.77 -11.77	53.45 1.67 -5.52	43.56 1.47 0.00	38.95 1.24 0.00	35.39 1.39 0.03	31.24 1.26 0.00
MID__OSWEGATCHIE_HYD 23849	28.82 -0.71 0.00	25.14 -0.70 0.00	23.24 -0.62 -0.03	20.70 -0.55 -0.05	20.37 -0.56 -0.05	21.68 -0.62 -0.02	24.20 -0.75 0.00	26.23 -0.81 0.00	31.05 -0.80 0.00	34.19 -0.77 0.00	35.14 -0.98 0.00	37.81 -1.05 0.00	40.00 -1.19 0.00	40.84 -1.13 0.00	42.52 -1.14 0.00	39.78 -1.22 -0.35	44.12 -1.65 0.00	49.36 -1.90 0.00	48.72 -1.71 0.00	44.79 -1.48 0.00	40.82 -1.26 0.00	36.65 -1.06 0.00	33.14 -0.88 0.00	29.05 -0.93 0.00
MID__RAQUETTE_HYD 23851	28.40 -1.12 0.00	24.81 -1.03 0.00	22.98 -0.86 0.00	20.44 -0.76 0.00	20.10 -0.79 0.00	21.42 -0.87 0.00	23.88 -1.07 0.00	25.94 -1.11 0.00	30.73 -1.11 0.00	33.74 -1.22 0.00	34.71 -1.41 0.00	37.26 -1.59 0.00	39.50 -1.69 0.00	40.29 -1.68 0.00	42.09 -1.57 0.00	39.02 -1.63 0.00	43.62 -2.15 0.00	48.60 -2.67 0.00	47.91 -2.52 0.00	44.14 -2.13 0.00	40.19 -1.89 0.00	36.05 -1.66 0.00	32.52 -1.50 0.00	28.51 -1.47 0.00
MILLIKEN__1 23584	30.32 0.80 0.00	26.43 0.59 0.00	24.41 0.38 -0.19	21.85 0.30 -0.36	21.53 0.31 -0.32	22.82 0.38 -0.16	25.53 0.57 0.00	27.64 0.60 0.00	32.51 0.57 -0.10	35.70 0.73 0.00	37.02 0.90 0.00	39.87 1.01 0.00	42.22 1.03 0.00	42.98 1.01 0.00	44.37 0.70 -0.01	44.09 0.65 -2.80	50.55 1.05 -3.73	56.79 1.54 -3.99	53.28 1.51 -1.33	48.36 1.48 -0.61	43.64 1.56 0.00	39.14 1.43 0.00	35.14 1.12 0.00	31.00 1.02 0.00
MILLIKEN__2 23585	30.32 0.80 0.00	26.43 0.59 0.00	24.41 0.38 -0.19	21.85 0.30 -0.36	21.53 0.31 -0.32	22.82 0.38 -0.16	25.53 0.57 0.00	27.64 0.60 0.00	32.51 0.57 -0.10	35.70 0.73 0.00	37.02 0.90 0.00	39.87 1.01 0.00	42.22 1.03 0.00	42.98 1.01 0.00	44.37 0.70 -0.01	44.09 0.65 -2.80	50.55 1.05 -3.73	56.79 1.54 -3.99	53.28 1.51 -1.33	48.36 1.48 -0.61	43.64 1.56 0.00	39.14 1.43 0.00	35.14 1.12 0.00	31.00 1.02 0.00
MILLIKEN__DIESEL 23629	30.32 0.80 0.00	26.43 0.59 0.00	24.41 0.38 -0.19	21.85 0.30 -0.36	21.53 0.31 -0.32	22.82 0.38 -0.16	25.53 0.57 0.00	27.64 0.60 0.00	32.51 0.57 -0.10	35.70 0.73 0.00	37.02 0.90 0.00	39.87 1.01 0.00	42.22 1.03 0.00	42.98 1.01 0.00	44.37 0.70 -0.01	44.09 0.65 -2.80	50.55 1.05 -3.73	56.79 1.54 -3.99	53.28 1.51 -1.33	48.36 1.48 -0.61	43.64 1.56 0.00	39.14 1.43 0.00	35.14 1.12 0.00	31.00 1.02 0.00
MILLSEAT__LFGE 323607	29.91 0.38 0.00	25.66 -0.18 0.00	23.38 -0.59 -0.14	20.74 -0.72 -0.26	20.48 -0.65 -0.23	21.87 -0.54 -0.11	25.00 0.05 0.00	26.51 -0.54 0.00	31.24 -0.67 -0.06	34.58 -0.38 0.00	36.19 0.07 0.00	38.55 -0.31 0.00	40.70 -0.49 0.00	41.34 -0.63 0.00	41.79 -1.88 -0.01	40.97 -1.71 -2.03	47.01 -1.23 -2.48	52.83 -1.08 -2.65	50.26 -1.06 -0.88	45.84 -0.83 -0.41	41.71 -0.38 0.00	37.98 0.27 0.00	34.23 0.21 0.00	30.94 0.96 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.53 2.01 0.00	27.65 1.81 0.00	26.57 1.72 -1.02	24.61 1.48 -1.92	24.07 1.46 -1.71	24.68 1.56 -0.83	26.75 1.80 0.00	29.29 2.22 -0.02	35.18 2.61 -0.72	38.70 2.80 -0.95	39.01 2.89 0.00	41.97 3.11 0.00	44.61 3.42 0.00	45.50 3.53 0.00	47.81 3.89 -0.26	61.29 3.74 -16.90	71.10 4.35 -20.98	78.00 4.77 -21.97	61.85 4.64 -6.78	53.16 3.89 -3.01	45.41 3.32 0.00	40.50 2.79 0.00	36.64 2.59 -0.04	32.23 2.25 0.00

MILLWOOD_13_KV_LOAD 356217	31.62 2.10 0.00	27.75 1.91 0.00	26.67 1.81 -1.02	24.67 1.55 -1.92	24.13 1.53 -1.71	24.75 1.63 -0.83	26.82 1.87 0.00	29.40 2.33 -0.02	35.34 2.77 -0.72	38.95 3.04 -0.95	39.26 3.14 0.00	42.28 3.42 0.00	44.90 3.71 0.00	45.79 3.82 0.00	48.11 4.19 -0.26	61.62 4.06 -16.90	71.47 4.71 -20.98	78.41 5.18 -21.97	62.25 5.04 -6.78	53.53 4.26 -3.01	45.79 3.70 0.00	40.80 3.09 0.00	36.85 2.79 -0.04	32.38 2.40 0.00
MODEL_CITY_ENERGY 24167	29.08 -0.44 0.00	24.96 -0.88 0.00	22.69 -1.29 -0.15	20.16 -1.31 -0.28	19.89 -1.25 -0.25	21.25 -1.16 -0.12	24.35 -0.60 0.00	25.67 -1.38 0.00	30.22 -1.69 -0.07	33.42 -1.54 0.00	35.00 -1.12 0.00	37.23 -1.63 0.00	39.30 -1.89 0.00	39.92 -2.06 0.00	40.26 -3.41 -0.01	39.73 -3.05 -2.14	45.83 -2.56 -2.63	51.51 -2.56 -2.81	48.80 -2.57 -0.94	44.48 -2.22 -0.43	40.23 -1.85 0.00	36.69 -1.02 0.00	33.17 -0.85 0.00	30.16 0.18 0.00
MODERN_LFGE_ 323580	29.08 -0.44 0.00	24.96 -0.88 0.00	22.69 -1.29 -0.15	20.16 -1.31 -0.28	19.89 -1.25 -0.25	21.25 -1.16 -0.12	24.35 -0.60 0.00	25.67 -1.38 0.00	30.22 -1.69 -0.07	33.42 -1.54 0.00	35.00 -1.12 0.00	37.23 -1.63 0.00	39.30 -1.89 0.00	39.92 -2.06 0.00	40.26 -3.41 -0.01	39.73 -3.05 -2.14	45.83 -2.56 -2.63	51.51 -2.56 -2.81	48.80 -2.57 -0.94	44.48 -2.22 -0.43	40.23 -1.85 0.00	36.69 -1.02 0.00	33.17 -0.85 0.00	30.16 0.18 0.00
MOHAWK_PAPER___DRP 24187	31.00 1.48 0.00	27.18 1.34 0.00	26.43 1.26 -1.34	24.82 1.10 -2.52	24.24 1.11 -2.24	24.58 1.20 -1.09	26.30 1.35 0.00	28.48 1.46 0.03	34.49 1.75 -0.90	36.29 1.85 0.53	38.07 1.95 0.00	40.92 2.06 0.00	43.37 2.18 0.00	44.20 2.22 0.00	45.90 2.36 0.12	61.67 2.19 -18.83	92.14 2.56 -43.81	101.60 2.87 -47.47	69.69 2.77 -16.48	56.56 2.54 -7.75	44.40 2.31 0.00	39.63 1.92 0.00	35.81 1.84 0.04	31.60 1.62 0.00
MOHICAN___35_KV_115KV_LD 80490	32.06 2.54 0.00	28.04 2.20 0.00	27.23 2.03 -1.37	25.52 1.74 -2.58	24.90 1.71 -2.30	25.32 1.92 -1.12	27.17 2.22 0.00	29.50 2.49 0.03	36.06 2.96 -1.25	37.64 3.22 0.54	39.66 3.54 0.00	42.67 3.81 0.00	45.19 4.00 0.00	46.13 4.16 0.00	47.77 4.19 0.08	64.91 3.82 -20.44	108.18 4.53 -57.88	118.93 5.13 -62.54	76.90 4.94 -21.52	60.97 4.63 -10.07	46.46 4.38 0.00	41.37 3.66 0.00	37.21 3.23 0.05	32.83 2.85 0.00
MONGAUP___HYD 23641	31.12 1.59 0.00	27.31 1.47 0.00	26.06 1.31 -0.91	24.04 1.12 -1.72	23.59 1.17 -1.53	24.26 1.22 -0.75	26.37 1.42 0.00	28.69 1.62 -0.02	34.28 1.81 -0.62	36.84 1.78 -0.09	37.85 1.73 0.00	40.57 1.71 0.00	43.00 1.81 0.00	43.86 1.89 0.00	45.71 1.83 -0.21	57.41 1.87 -14.89	66.41 2.15 -18.49	73.07 2.41 -19.40	58.84 2.37 -6.03	50.94 1.99 -2.69	44.11 2.02 0.00	39.86 2.15 0.00	36.02 1.97 -0.03	31.60 1.62 0.00
MONTAUK___DIESEL 23721	39.39 4.99 -4.87	38.00 4.34 -7.82	31.56 3.93 -3.79	26.49 3.35 -1.94	25.90 3.28 -1.73	26.63 3.50 -0.84	30.03 4.17 -0.91	34.65 4.76 -2.85	38.15 5.57 -0.73	41.52 5.66 -0.89	42.66 6.54 0.00	45.97 7.11 0.00	72.93 8.07 -23.67	116.69 8.14 -66.57	119.25 8.51 -67.08	105.13 8.05 -56.43	184.83 9.25 -129.82	216.37 10.46 -154.65	173.44 9.83 -113.17	125.27 8.65 -70.35	115.70 7.70 -65.91	68.99 6.56 -24.72	43.35 6.12 -3.21	40.50 5.43 -5.09
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.59 1.06 0.00	26.43 0.59 0.00	23.62 -0.38 -0.17	20.86 -0.66 -0.32	20.55 -0.63 -0.28	22.16 -0.27 -0.14	25.48 0.52 0.00	26.94 -0.11 0.00	31.38 -0.54 -0.08	34.93 -0.03 0.00	36.23 0.11 0.00	38.94 0.08 0.00	40.98 -0.21 0.00	41.64 -0.34 0.00	42.14 -1.53 -0.01	41.71 -1.38 -2.45	48.57 -0.27 -3.07	54.71 0.15 -3.29	51.58 0.05 -1.10	46.91 0.14 -0.51	42.63 0.55 0.00	39.07 1.36 0.00	35.18 1.16 0.00	31.27 1.29 0.00
MORTIMER_115KV_TB3 55949	29.76 0.24 0.00	25.79 -0.05 0.00	23.67 -0.29 -0.12	21.06 -0.36 -0.22	20.78 -0.31 -0.20	22.12 -0.27 -0.10	24.93 -0.02 0.00	26.72 -0.32 0.00	31.32 -0.57 -0.05	34.75 -0.21 0.00	36.01 -0.11 0.00	38.90 0.04 0.00	41.11 -0.08 0.00	41.80 -0.17 0.00	42.71 -0.96 -0.01	41.64 -0.73 -1.72	47.07 -0.73 -2.03	52.98 -0.46 -2.18	50.55 -0.61 -0.73	46.19 -0.42 -0.33	42.04 -0.04 0.00	38.12 0.41 0.00	34.33 0.31 0.00	30.58 0.60 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.86 2.33 0.00	27.88 2.04 0.00	26.79 1.93 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.61 2.54 -0.02	35.57 2.99 -0.73	39.07 3.22 -0.89	39.37 3.25 0.00	42.36 3.50 0.00	45.02 3.83 0.00	45.92 3.95 0.00	48.29 4.37 -0.26	61.88 4.19 -17.05	71.77 4.85 -21.15	78.79 5.38 -22.15	62.41 5.14 -6.83	53.65 4.35 -3.03	45.79 3.70 0.00	40.88 3.17 0.00	37.09 3.03 -0.04	32.62 2.64 0.00
MUNSVILLE_WIND_PWR 323609	32.27 2.75 0.00	28.06 2.22 0.00	25.91 1.79 -0.28	23.26 1.53 -0.53	22.83 1.46 -0.47	24.10 1.58 -0.23	26.97 2.02 0.00	29.13 2.08 0.00	34.35 2.32 -0.19	37.58 2.62 0.00	38.86 2.74 0.00	41.93 3.07 0.00	44.19 3.01 0.00	45.03 3.06 0.00	46.21 2.53 -0.02	47.09 2.15 -4.29	56.04 2.93 -7.34	62.96 3.85 -7.86	57.19 4.14 -2.62	51.87 4.40 -1.21	46.25 4.17 0.00	41.48 3.77 0.00	36.88 2.86 0.00	32.50 2.52 0.00
N SALMON___HYD 24042	29.52 0.00 0.00	25.79 -0.05 0.00	23.88 0.05 0.00	21.26 0.06 0.00	20.91 0.02 0.00	22.29 0.00 0.00	24.85 -0.10 0.00	27.02 -0.03 0.00	31.94 0.10 0.00	35.10 0.14 0.00	36.05 -0.07 0.00	38.55 -0.31 0.00	40.90 -0.29 0.00	41.72 -0.25 0.00	43.70 0.04 0.00	40.61 -0.04 0.00	45.27 -0.50 0.00	50.49 -0.77 0.00	49.68 -0.76 0.00	45.62 -0.65 0.00	41.54 -0.55 0.00	37.18 -0.53 0.00	33.51 -0.51 0.00	29.38 -0.60 0.00
N.AKRON___115KV_KNAPP 355671	29.94 0.41 0.00	25.84 0.00 0.00	23.38 -0.60 -0.14	20.74 -0.72 -0.27	20.48 -0.65 -0.24	21.87 -0.53 -0.11	25.00 0.05 0.00	26.50 -0.54 0.00	30.92 -0.99 -0.06	34.47 -0.49 0.00	35.76 -0.36 0.00	38.66 -0.19 0.00	40.70 -0.49 0.00	41.34 -0.63 0.00	41.70 -1.96 -0.01	40.95 -1.75 -2.05	46.94 -1.33 -2.50	53.01 -0.92 -2.67	50.27 -1.06 -0.89	45.80 -0.88 -0.41	41.71 -0.38 0.00	38.05 0.34 0.00	34.33 0.31 0.00	30.82 0.84 0.00
N.BELMOR_69_KV_BK1 55787	37.28 2.89 -4.86	36.22 2.56 -7.82	30.04 2.41 -3.79	25.19 2.06 -1.94	24.62 2.01 -1.73	25.29 2.16 -0.84	28.41 2.55 -0.91	32.95 3.06 -2.85	36.04 3.47 -0.73	39.10 3.25 -0.89	39.69 3.58 0.00	42.74 3.89 0.00	45.74 4.53 -0.02	46.55 4.57 0.00	48.94 5.02 -0.26	62.27 4.55 -17.07	72.10 5.17 -21.16	79.16 5.74 -22.16	62.66 5.40 -6.83	54.02 4.72 -3.03	46.55 4.46 0.00	41.41 3.70 0.00	50.19 3.71 -12.46	35.76 3.21 -2.57
N.E._GEN_SANDY PD 24062	31.00 1.48 0.00	27.23 1.39 0.00	26.31 1.29 -1.19	24.58 1.14 -2.24	24.01 1.13 -1.99	23.90 1.20 -0.41	26.88 1.37 -0.56	28.28 1.43 0.20	32.10 1.69 1.43	32.58 1.75 4.13	37.78 1.66 0.00	40.80 1.94 0.00	43.33 2.14 0.00	44.15 2.18 0.00	44.40 2.40 1.66	43.71 2.32 -0.75	52.94 2.65 -4.52	63.08 2.97 -8.85	60.80 2.87 -7.49	53.46 2.45 -4.74	43.89 2.10 0.30	39.57 1.85 -0.01	35.40 1.70 0.32	31.45 1.47 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.35 1.83 0.00	27.54 1.71 0.00	26.41 1.60 -0.98	24.43 1.38 -1.85	23.92 1.38 -1.65	24.56 1.47 -0.80	26.65 1.70 0.00	29.15 2.08 -0.02	34.92 2.39 -0.68	37.34 2.48 0.10	38.72 2.60 0.00	41.69 2.84 0.00	44.32 3.13 0.00	45.25 3.27 0.00	47.53 3.62 -0.24	60.30 3.50 -16.15	69.84 4.03 -20.05	76.73 4.46 -21.01	61.27 4.34 -6.50	52.77 3.61 -2.89	45.16 3.07 0.00	40.27 2.56 0.00	36.44 2.38 -0.03	32.02 2.04 0.00
N. QUEENS_27_KV_LOAD 356247	32.13 2.60 -0.01	28.10 2.25 -0.01	27.04 2.17 -1.04	25.03 1.89 -1.95	24.49 1.86 -1.73	25.07 1.94 -0.84	27.17 2.22 0.00	29.81 2.73 -0.03	35.75 3.18 -0.72	39.31 3.46 -0.88	39.55 3.43 0.00	42.55 3.69 0.00	45.06 3.87 0.00	45.92 3.95 0.00	48.33 4.41 -0.26	62.00 4.31 -17.05	72.06 5.13 -21.16	79.11 5.69 -22.16	62.65 5.40 -6.82	54.01 4.72 -3.02	45.70 3.62 0.00	41.10 3.39 0.00	37.20 3.13 -0.05	32.93 2.94 -0.01
N. TROY___115KV_TB1 355778	30.94 1.42 0.00	27.16 1.32 0.00	26.41 1.24 -1.34	24.81 1.08 -2.53	24.23 1.09 -2.25	24.54 1.16 -1.10	26.30 1.35 0.00	28.41 1.41 0.04	34.49 1.69 -0.96	36.00 1.75 0.71	38.00 1.88 0.00	40.84 1.98 0.00	43.33 2.14 0.00	44.15 2.18 0.00	45.80 2.31 0.18	61.50 2.19 -18.65	97.26 2.52 -48.97	107.30 2.87 -53.17	71.79 2.77 -18.58	57.52 2.50 -8.76	44.32 2.23 0.00	39.60 1.89 0.00	35.66 1.70 0.06	31.51 1.53 0.00
NARROWS_GT1_1 24228	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NARROWS_GT1_2 24229	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NARROWS_GT1_3 24230	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NARROWS_GT1_4 24231	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NARROWS_GT1_5 24232	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NARROWS_GT1_6 24233	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NARROWS_GT1_7 24234	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NARROWS_GT1_8 24235	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NARROWS_GT2_1 24236	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NARROWS_GT2_2 24237	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NARROWS_GT2_3 24238	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NARROWS_GT2_4 24239	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01

NARROWS_GT2_5 24240	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NARROWS_GT2_6 24241	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NARROWS_GT2_7 24242	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NARROWS_GT2_8 24243	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.35 4.63 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.24 1.71 0.00	27.29 1.45 0.00	26.33 1.26 -1.24	24.63 1.10 -2.33	24.05 1.09 -2.07	24.50 1.20 -1.01	26.45 1.50 0.00	28.71 1.68 0.01	34.27 1.75 -0.67	36.43 1.68 0.21	37.60 1.48 0.00	40.33 1.48 0.00	43.00 1.81 0.00	43.78 1.80 0.00	46.13 2.49 0.02	60.40 2.32 -17.43	77.98 1.97 -30.24	83.98 2.31 -30.41	63.48 1.92 -11.12	53.31 1.85 -5.20	43.94 1.85 0.00	39.29 1.58 0.00	36.01 2.01 0.02	31.54 1.56 0.00
NCHELSEA_115KV_TR2 355582	31.62 2.10 0.00	27.70 1.86 0.00	26.58 1.72 -1.03	24.65 1.51 -1.94	24.11 1.48 -1.73	24.71 1.58 -0.84	26.80 1.85 0.00	29.25 2.19 -0.02	35.06 2.55 -0.67	37.91 2.52 -0.43	38.68 2.56 0.00	41.66 2.80 0.00	44.40 3.21 0.00	45.33 3.36 0.00	47.67 3.80 -0.21	60.88 3.66 -16.57	70.44 4.03 -20.65	77.45 4.46 -21.73	61.60 4.34 -6.83	52.98 3.66 -3.06	45.28 3.20 0.00	40.43 2.72 0.00	36.53 2.48 -0.03	32.08 2.10 0.00
NEG CAPITAL___MECHNVIL 23645	31.68 2.15 0.00	27.75 1.91 0.00	26.93 1.74 -1.36	25.27 1.51 -2.56	24.66 1.48 -2.28	25.02 1.63 -1.11	26.85 1.90 0.00	29.07 2.05 0.03	35.42 2.42 -1.16	36.98 2.62 0.61	38.86 2.74 0.00	41.97 3.11 0.00	44.49 3.30 0.00	45.37 3.40 0.00	46.99 3.45 0.12	63.67 3.21 -19.81	104.63 3.75 -55.11	115.15 4.25 -59.64	75.20 4.14 -20.63	59.74 3.79 -9.68	45.58 3.49 0.00	40.65 2.94 0.00	36.63 2.66 0.05	32.29 2.31 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.26 -0.27 0.00	25.30 -0.54 0.00	23.33 -0.62 -0.12	20.78 -0.64 -0.22	20.48 -0.61 -0.19	21.80 -0.58 -0.09	24.53 -0.42 0.00	26.45 -0.60 0.00	31.22 -0.67 -0.05	34.47 -0.49 0.00	35.94 -0.18 0.00	38.51 -0.35 0.00	40.78 -0.41 0.00	41.47 -0.50 0.00	42.53 -1.14 -0.01	41.34 -0.98 -1.67	46.73 -1.01 -1.97	52.39 -0.98 -2.11	50.13 -1.01 -0.70	45.81 -0.79 -0.32	41.66 -0.42 0.00	37.63 -0.08 0.00	33.82 -0.20 0.00	30.07 0.09 0.00
NEG CENTRAL___DRP 24199	29.94 0.41 0.00	26.02 0.18 0.00	23.91 -0.05 -0.13	21.33 -0.11 -0.24	21.04 -0.06 -0.21	22.39 0.00 -0.10	25.15 0.20 0.00	27.21 0.16 0.00	31.96 0.06 -0.06	35.10 0.14 0.00	36.52 0.40 0.00	39.36 0.51 0.00	41.64 0.45 0.00	42.39 0.42 0.00	43.58 -0.09 -0.01	42.43 -0.04 -1.82	48.23 0.27 -2.19	54.22 0.62 -2.34	51.77 0.55 -0.78	47.14 0.51 -0.36	42.76 0.67 0.00	38.46 0.75 0.00	34.67 0.65 0.00	30.64 0.66 0.00
NEG CENTRAL___INDECK 23768	30.85 1.33 0.00	26.59 0.75 0.00	24.36 0.36 -0.17	21.68 0.17 -0.31	21.36 0.19 -0.28	22.76 0.33 -0.14	25.70 0.75 0.00	27.40 0.35 0.00	32.15 0.22 -0.08	34.47 -0.49 0.00	36.01 -0.11 0.00	38.20 -0.66 0.00	40.45 -0.74 0.00	41.05 -0.92 0.00	42.05 -1.61 -0.01	42.05 -1.01 -2.41	48.25 -0.55 -3.03	54.09 -0.41 -3.25	51.11 -0.41 -1.08	46.81 0.05 -0.50	42.63 0.55 0.00	38.65 0.94 0.00	34.74 0.72 0.00	31.81 1.83 0.00
NEG CENTRAL___SENECA 23627	30.11 0.59 0.00	26.10 0.26 0.00	23.93 -0.05 -0.14	21.33 -0.13 -0.26	21.02 -0.10 -0.23	22.38 -0.02 -0.11	25.25 0.30 0.00	27.26 0.22 0.00	31.97 0.06 -0.06	35.10 0.14 0.00	36.59 0.47 0.00	39.44 0.58 0.00	41.68 0.49 0.00	42.39 0.42 0.00	43.49 -0.17 -0.01	42.51 -0.16 -2.02	48.57 0.32 -2.48	54.58 0.67 -2.65	51.92 0.61 -0.88	47.23 0.56 -0.41	42.89 0.80 0.00	38.61 0.91 0.00	34.84 0.82 0.00	30.85 0.87 0.00
NEG CENTRAL___STATE_STREET 24147	30.14 0.62 0.00	26.28 0.44 0.00	24.22 0.26 -0.12	21.64 0.21 -0.23	21.31 0.21 -0.21	22.65 0.27 -0.10	25.40 0.45 0.00	27.53 0.49 0.00	32.41 0.51 -0.05	35.66 0.70 0.00	36.88 0.76 0.00	39.71 0.85 0.00	42.10 0.91 0.00	42.77 0.80 0.00	44.41 0.74 -0.01	43.12 0.69 -1.78	48.93 1.01 -2.15	54.89 1.33 -2.30	52.46 1.26 -0.77	47.82 1.20 -0.35	43.39 1.30 0.00	38.99 1.28 0.00	35.04 1.02 0.00	30.85 0.87 0.00
NEG MILLWOOD___DRP 24198	31.80 2.27 0.00	27.88 2.04 0.00	26.78 1.91 -1.04	24.82 1.65 -1.97	24.25 1.61 -1.75	24.88 1.74 -0.85	26.92 1.97 0.00	29.53 2.46 -0.02	35.51 2.96 -0.70	38.81 3.25 -0.60	39.48 3.36 0.00	42.51 3.65 0.00	45.19 4.00 0.00	46.09 4.11 0.00	48.48 4.58 -0.23	62.02 4.39 -16.98	71.87 4.99 -21.11	79.08 5.64 -22.18	62.80 5.45 -6.92	53.98 4.63 -3.09	46.17 4.08 0.00	41.10 3.39 0.00	37.01 2.96 -0.03	32.50 2.52 0.00
NEG NORTH_FLCN_SEA 23793	30.09 0.56 0.00	26.30 0.47 0.00	24.36 0.52 0.00	21.69 0.49 0.00	21.33 0.44 0.00	22.73 0.45 0.00	25.33 0.37 0.00	27.51 0.46 0.00	32.54 0.70 0.00	35.73 0.77 0.00	36.55 0.43 0.00	39.13 0.27 0.00	41.52 0.33 0.00	42.35 0.38 0.00	44.40 0.74 0.00	41.30 0.65 0.00	46.09 0.32 0.00	51.36 0.10 0.00	50.54 0.10 0.00	46.36 0.09 0.00	42.13 0.04 0.00	37.71 0.00 0.00	34.12 0.10 0.00	29.86 -0.12 0.00
NEG NORTH_KES_CHATEGAY 23792	29.70 0.18 0.00	25.99 0.16 0.00	24.07 0.24 0.00	21.43 0.23 0.00	21.08 0.19 0.00	22.46 0.18 0.00	25.03 0.07 0.00	27.18 0.14 0.00	32.13 0.29 0.00	35.24 0.28 0.00	36.08 -0.04 0.00	38.66 -0.19 0.00	40.98 -0.21 0.00	41.80 -0.17 0.00	43.79 0.13 0.00	40.77 0.12 0.00	45.54 -0.23 0.00	50.80 -0.46 0.00	49.98 -0.45 0.00	45.85 -0.42 0.00	41.62 -0.46 0.00	37.26 -0.45 0.00	33.71 -0.31 0.00	29.50 -0.48 0.00

NEG NORTH___ALICE_FALLS 23915	30.06 0.53 0.00	26.28 0.44 0.00	24.34 0.50 0.00	21.67 0.47 0.00	21.29 0.40 0.00	22.71 0.42 0.00	25.30 0.35 0.00	27.48 0.43 0.00	32.51 0.67 0.00	35.70 0.73 0.00	36.52 0.40 0.00	39.13 0.27 0.00	41.52 0.33 0.00	42.31 0.34 0.00	44.31 0.65 0.00	41.26 0.61 0.00	46.00 0.23 0.00	51.31 0.05 0.00	50.48 0.05 0.00	46.31 0.05 0.00	42.09 0.00 0.00	37.67 -0.04 0.00	34.12 0.10 0.00	29.83 -0.15 0.00
NEG NORTH___LWR_SARANAC 23913	30.06 0.53 0.00	26.28 0.44 0.00	24.34 0.50 0.00	21.67 0.47 0.00	21.29 0.40 0.00	22.71 0.42 0.00	25.30 0.35 0.00	27.48 0.43 0.00	32.51 0.67 0.00	35.70 0.73 0.00	36.52 0.40 0.00	39.13 0.27 0.00	41.52 0.33 0.00	42.31 0.34 0.00	44.31 0.65 0.00	41.26 0.61 0.00	46.00 0.23 0.00	51.31 0.05 0.00	50.48 0.05 0.00	46.31 0.05 0.00	42.09 0.00 0.00	37.67 -0.04 0.00	34.12 0.10 0.00	29.83 -0.15 0.00
NEG NORTH___PLATTSBURG 23628	30.06 0.53 0.00	26.28 0.44 0.00	24.34 0.50 0.00	21.66 0.47 0.00	21.29 0.40 0.00	22.71 0.42 0.00	25.30 0.35 0.00	27.48 0.43 0.00	32.48 0.64 0.00	35.70 0.74 0.00	36.62 0.51 0.00	39.13 0.27 0.00	41.52 0.33 0.00	42.31 0.33 0.00	44.32 0.66 0.00	41.26 0.61 0.00	46.00 0.23 0.00	51.36 0.10 0.00	50.48 0.05 0.00	46.31 0.05 0.00	42.13 0.04 0.00	37.71 0.00 0.00	34.02 0.00 0.00	29.83 -0.15 0.00
NEG WEST_LEA_LOCKPORT 23791	29.41 -0.12 0.00	25.40 -0.44 0.00	22.96 -1.02 -0.14	20.37 -1.10 -0.27	20.13 -1.00 -0.24	21.49 -0.91 -0.12	24.60 -0.35 0.00	25.99 -1.05 0.00	30.29 -1.62 -0.07	33.77 -1.19 0.00	34.96 -1.16 0.00	37.81 -1.05 0.00	39.79 -1.40 0.00	40.42 -1.55 0.00	40.74 -2.93 -0.01	40.20 -2.56 -2.11	46.30 -2.06 -2.59	52.29 -1.74 -2.77	49.44 -1.92 -0.92	44.98 -1.71 -0.43	40.78 -1.30 0.00	37.30 -0.41 0.00	33.68 -0.34 0.00	30.34 0.36 0.00
NEG WEST___LANCASTR 23811	29.61 0.09 0.00	25.63 -0.21 0.00	22.50 -1.50 -0.17	20.01 -1.51 -0.32	19.74 -1.44 -0.28	21.09 -1.34 -0.14	24.80 -0.15 0.00	26.34 -0.70 0.00	30.74 -1.18 -0.08	34.16 -0.80 0.00	35.47 -0.65 0.00	38.31 -0.54 0.00	40.41 -0.78 0.00	41.13 -0.84 0.00	41.70 -1.96 -0.01	40.48 -2.64 -2.47	47.97 -0.92 -3.11	54.08 -0.51 -3.33	50.79 -0.76 -1.11	45.90 -0.88 -0.51	41.45 -0.63 0.00	37.67 -0.04 0.00	33.99 -0.03 0.00	30.61 0.63 0.00
NEG_PENN_ALLEGHNY 23528	30.15 0.62 0.00	26.25 0.41 0.00	24.31 0.17 -0.30	21.85 0.09 -0.57	21.50 0.10 -0.51	22.71 0.18 -0.25	25.40 0.45 0.00	27.45 0.41 0.00	32.41 0.41 -0.16	35.52 0.56 0.00	36.95 0.83 0.00	39.63 0.78 0.00	42.01 0.82 0.00	42.77 0.80 0.00	44.20 0.53 -0.02	45.56 0.45 -4.46	52.85 0.92 -6.17	59.04 1.18 -6.60	53.80 1.16 -2.20	48.30 1.02 -1.02	43.09 1.01 0.00	38.73 1.02 0.00	34.84 0.82 0.00	30.85 0.87 0.00
NEG___GEN_MONROE 24207	29.94 0.41 0.00	25.99 0.16 0.00	23.79 -0.17 -0.12	21.13 -0.30 -0.23	20.82 -0.27 -0.20	22.18 -0.20 -0.10	25.05 0.10 0.00	26.78 -0.27 0.00	31.35 -0.54 -0.05	34.82 -0.14 0.00	36.19 0.07 0.00	39.09 0.23 0.00	41.23 0.04 0.00	41.93 -0.04 0.00	42.53 -1.14 -0.01	41.45 -0.93 -1.74	46.91 -0.92 -2.06	52.85 -0.62 -2.20	50.51 -0.66 -0.73	46.05 -0.56 -0.34	42.00 -0.08 0.00	38.16 0.45 0.00	34.33 0.31 0.00	30.70 0.72 0.00
NEPA___ENERGY 23901	29.91 0.38 0.00	25.89 0.05 0.00	23.24 -0.76 -0.17	20.65 -0.87 -0.32	20.39 -0.79 -0.29	21.80 -0.62 -0.14	25.03 0.07 0.00	26.67 -0.38 0.00	31.10 -0.83 -0.08	34.58 -0.38 0.00	35.94 -0.18 0.00	38.78 -0.08 0.00	40.90 -0.29 0.00	41.59 -0.38 0.00	42.23 -1.44 -0.01	41.72 -1.42 -2.49	48.59 -0.32 -3.14	54.72 0.10 -3.36	51.45 -0.10 -1.12	46.51 -0.28 -0.52	42.04 -0.04 0.00	38.24 0.53 0.00	34.43 0.41 0.00	30.88 0.90 0.00
NEVERSINK___HYD 23608	31.24 1.71 0.00	27.39 1.55 0.00	26.10 1.38 -0.89	24.08 1.21 -1.67	23.55 1.17 -1.49	24.28 1.27 -0.72	26.45 1.50 0.00	28.92 1.86 -0.01	34.53 2.13 -0.55	37.17 2.03 -0.18	37.96 1.84 0.00	41.11 2.25 0.00	43.91 2.72 0.00	44.78 2.81 0.00	46.95 3.15 -0.15	57.56 3.09 -13.83	67.10 3.30 -18.03	73.78 3.69 -18.83	60.17 3.63 -6.10	52.13 3.10 -2.76	44.74 2.65 0.00	40.01 2.30 0.00	36.11 2.08 -0.02	31.69 1.71 0.00
NEWKRMKL_115KV_TB1 55635	30.53 1.00 0.00	26.77 0.93 0.00	26.07 0.91 -1.33	24.49 0.78 -2.51	23.90 0.77 -2.23	24.22 0.85 -1.09	25.78 0.82 0.00	27.91 0.89 0.03	33.64 1.08 -0.71	35.60 1.08 0.45	37.31 1.19 0.00	40.06 1.20 0.00	42.38 1.19 0.00	43.19 1.22 0.00	44.90 1.35 0.11	60.07 1.26 -18.16	82.66 1.42 -35.47	91.32 1.59 -38.47	65.35 1.51 -13.40	53.92 1.34 -6.31	43.26 1.18 0.00	38.84 1.13 0.00	35.17 1.19 0.04	31.03 1.05 0.00
NEWTON___FALLS_HYD 23847	28.82 -0.71 0.00	25.14 -0.70 0.00	23.24 -0.62 -0.03	20.70 -0.55 -0.05	20.37 -0.56 -0.05	21.68 -0.62 -0.02	24.20 -0.75 0.00	26.23 -0.81 0.00	31.05 -0.80 0.00	34.19 -0.77 0.00	35.14 -0.98 0.00	37.81 -1.05 0.00	40.00 -1.19 0.00	40.84 -1.13 0.00	42.52 -1.14 0.00	39.78 -1.22 -0.35	44.12 -1.65 0.00	49.36 -1.90 0.00	48.72 -1.71 0.00	44.79 -1.48 0.00	40.82 -1.26 0.00	36.65 -1.06 0.00	33.14 -0.88 0.00	29.05 -0.93 0.00
NGRID_A1_DSASP 323792	28.73 -0.80 0.00	24.63 -1.21 0.00	22.70 -1.29 -0.15	20.14 -1.33 -0.28	19.95 -1.19 -0.25	21.23 -1.18 -0.12	24.08 -0.87 0.00	25.42 -1.62 0.00	29.94 -1.97 -0.07	33.11 -1.85 0.00	34.67 -1.45 0.00	36.80 -2.06 0.00	38.88 -2.31 0.00	39.45 -2.52 0.00	39.83 -3.84 -0.01	39.47 -3.33 -2.15	45.44 -2.97 -2.65	51.12 -2.97 -2.83	48.30 -3.08 -0.94	44.02 -2.68 -0.44	39.77 -2.31 0.00	36.32 -1.39 0.00	32.86 -1.16 0.00	29.77 -0.21 0.00
NGRID_A2_DSASP 323793	28.73 -0.80 0.00	24.63 -1.21 0.00	22.70 -1.29 -0.15	20.14 -1.33 -0.28	19.95 -1.19 -0.25	21.23 -1.18 -0.12	24.08 -0.87 0.00	25.42 -1.62 0.00	29.94 -1.97 -0.07	33.11 -1.85 0.00	34.67 -1.45 0.00	36.80 -2.06 0.00	38.88 -2.31 0.00	39.45 -2.52 0.00	39.83 -3.84 -0.01	39.47 -3.33 -2.15	45.44 -2.97 -2.65	51.12 -2.97 -2.83	48.30 -3.08 -0.94	44.02 -2.68 -0.44	39.77 -2.31 0.00	36.32 -1.39 0.00	32.86 -1.16 0.00	29.77 -0.21 0.00
NGRID_A4_DSASP 323807	28.76 -0.77 0.00	24.81 -1.03 0.00	22.70 -1.29 -0.15	20.14 -1.34 -0.28	19.95 -1.19 -0.25	21.23 -1.18 -0.12	24.08 -0.87 0.00	25.42 -1.62 0.00	29.62 -2.29 -0.07	33.00 -1.96 0.00	34.17 -1.95 0.00	36.95 -1.90 0.00	38.84 -2.35 0.00	39.45 -2.52 0.00	39.78 -3.89 -0.01	39.47 -3.33 -2.15	45.35 -3.07 -2.65	51.28 -2.82 -2.83	48.35 -3.03 -0.94	43.97 -2.73 -0.44	39.81 -2.27 0.00	36.43 -1.28 0.00	33.00 -1.02 0.00	29.92 -0.06 0.00
NIAGARA_115E_LBMP 323715	28.90 -0.62 0.00	24.83 -1.01 0.00	22.55 -1.43 -0.15	20.04 -1.44 -0.28	19.76 -1.38 -0.25	21.11 -1.29 -0.12	24.23 -0.72 0.00	25.48 -1.57 0.00	30.00 -1.91 -0.07	33.18 -1.78 0.00	34.75 -1.37 0.00	36.92 -1.94 0.00	39.01 -2.18 0.00	39.58 -2.39 0.00	39.96 -3.71 -0.01	39.47 -3.33 -2.16	45.49 -2.93 -2.65	51.18 -2.92 -2.84	48.51 -2.87 -0.95	44.16 -2.54 -0.44	39.94 -2.14 0.00	36.43 -1.28 0.00	32.93 -1.09 0.00	30.01 0.03 0.00

NIAGARA_115W_LBMP 323714	28.61 -0.92 0.00	24.52 -1.32 0.00	22.62 -1.36 -0.15	20.08 -1.40 -0.28	19.89 -1.25 -0.25	21.16 -1.25 -0.12	23.98 -0.97 0.00	25.31 -1.73 0.00	29.81 -2.10 -0.07	32.97 -1.99 0.00	34.53 -1.59 0.00	36.64 -2.21 0.00	38.68 -2.51 0.00	39.28 -2.69 0.00	39.65 -4.02 -0.01	39.29 -3.50 -2.14	45.23 -3.16 -2.62	50.84 -3.23 -2.80	48.10 -3.28 -0.94	43.79 -2.91 -0.43	39.60 -2.48 0.00	36.13 -1.58 0.00	32.73 -1.29 0.00	29.65 -0.33 0.00
NIAGARA_230_LBMP 323716	28.99 -0.53 0.00	24.88 -0.96 0.00	22.79 -1.19 -0.15	20.24 -1.23 -0.27	19.99 -1.15 -0.24	21.34 -1.07 -0.12	24.33 -0.62 0.00	25.69 -1.35 0.00	30.25 -1.66 -0.07	33.46 -1.50 0.00	35.04 -1.08 0.00	37.23 -1.63 0.00	39.34 -1.85 0.00	39.92 -2.06 0.00	40.35 -3.32 -0.01	39.88 -2.89 -2.12	45.90 -2.47 -2.60	51.64 -2.41 -2.78	48.84 -2.52 -0.93	44.48 -2.22 -0.43	40.23 -1.85 0.00	36.65 -1.06 0.00	33.17 -0.85 0.00	30.04 0.06 0.00
NIAGARA__115KV_198_GIBSON 55903	28.64 -0.89 0.00	24.70 -1.14 0.00	22.62 -1.36 -0.15	20.08 -1.40 -0.28	19.91 -1.23 -0.25	21.16 -1.25 -0.12	23.98 -0.97 0.00	25.31 -1.73 0.00	29.49 -2.42 -0.07	32.86 -2.10 0.00	33.99 -2.13 0.00	36.76 -2.10 0.00	38.68 -2.51 0.00	39.24 -2.73 0.00	39.61 -4.06 -0.01	39.30 -3.50 -2.15	45.14 -3.25 -2.62	50.99 -3.08 -2.80	48.10 -3.28 -0.94	43.74 -2.96 -0.43	39.64 -2.44 0.00	36.28 -1.43 0.00	32.83 -1.19 0.00	29.80 -0.18 0.00
NIAGARA____ 23760	28.73 -0.80 0.00	24.63 -1.21 0.00	22.58 -1.41 -0.15	20.06 -1.42 -0.28	19.80 -1.34 -0.25	21.14 -1.27 -0.12	24.08 -0.87 0.00	25.45 -1.60 0.00	30.00 -1.91 -0.07	33.21 -1.75 0.00	34.75 -1.37 0.00	36.95 -1.90 0.00	39.01 -2.18 0.00	39.62 -2.35 0.00	40.00 -3.67 -0.01	39.57 -3.21 -2.14	45.60 -2.79 -2.62	51.25 -2.82 -2.81	48.55 -2.82 -0.94	44.20 -2.50 -0.43	39.90 -2.19 0.00	36.39 -1.32 0.00	32.90 -1.12 0.00	29.80 -0.18 0.00
NINE_MILE_1 23575	28.76 -0.77 0.00	25.09 -0.75 0.00	23.18 -0.71 -0.06	20.70 -0.62 -0.12	20.39 -0.61 -0.10	21.69 -0.65 -0.05	24.25 -0.70 0.00	26.26 -0.79 0.00	30.89 -0.95 0.00	33.98 -0.98 0.00	35.18 -0.94 0.00	37.81 -1.05 0.00	40.08 -1.11 0.00	40.84 -1.13 0.00	42.31 -1.35 0.00	40.19 -1.26 -0.80	44.40 -1.37 0.00	49.77 -1.49 0.00	48.97 -1.46 0.00	44.97 -1.30 0.00	40.99 -1.09 0.00	36.77 -0.94 0.00	33.17 -0.85 0.00	29.26 -0.72 0.00
NINE_MILE_2 23744	28.76 -0.77 0.00	25.09 -0.75 0.00	23.18 -0.71 -0.06	20.70 -0.62 -0.12	20.39 -0.61 -0.10	21.69 -0.65 -0.05	24.25 -0.70 0.00	26.26 -0.79 0.00	30.89 -0.95 0.00	33.98 -0.98 0.00	35.18 -0.94 0.00	37.81 -1.05 0.00	40.08 -1.11 0.00	40.84 -1.13 0.00	42.31 -1.35 0.00	40.19 -1.26 -0.80	44.40 -1.37 0.00	49.77 -1.49 0.00	48.97 -1.46 0.00	44.97 -1.30 0.00	40.99 -1.09 0.00	36.77 -0.94 0.00	33.17 -0.85 0.00	29.26 -0.72 0.00
NM_CAPITAL____DRP 24208	30.56 1.03 0.00	26.82 0.98 0.00	26.11 0.95 -1.32	24.54 0.85 -2.50	23.95 0.84 -2.22	24.28 0.91 -1.08	25.92 0.97 0.00	28.07 1.05 0.03	33.88 1.27 -0.77	35.72 1.29 0.54	37.49 1.37 0.00	40.26 1.40 0.00	42.63 1.44 0.00	43.44 1.47 0.00	45.18 1.66 0.14	60.39 1.54 -18.20	86.46 1.74 -38.96	95.50 1.95 -42.29	67.07 1.87 -14.77	54.89 1.67 -6.96	43.56 1.47 0.00	38.95 1.24 0.00	35.23 1.26 0.04	31.09 1.11 0.00
NM_CENTRAL____DRP 24181	29.44 -0.09 0.00	25.68 -0.16 0.00	23.68 -0.24 -0.09	21.15 -0.21 -0.16	20.83 -0.21 -0.14	22.16 -0.20 -0.07	24.80 -0.15 0.00	26.88 -0.16 0.00	31.56 -0.29 0.00	34.72 -0.24 0.00	36.01 -0.11 0.00	38.82 -0.04 0.00	41.11 -0.08 0.00	41.89 -0.08 0.00	43.31 -0.35 0.00	41.46 -0.33 -1.13	45.50 -0.27 0.00	51.06 -0.21 0.00	50.18 -0.25 0.00	46.08 -0.19 0.00	42.04 -0.04 0.00	37.75 0.04 0.00	33.95 -0.07 0.00	29.98 0.00 0.00
NM_FRONTIER____DRP 24179	28.64 -0.89 0.00	24.70 -1.14 0.00	22.62 -1.36 -0.15	20.08 -1.40 -0.28	19.91 -1.23 -0.25	21.16 -1.25 -0.12	23.98 -0.97 0.00	25.31 -1.73 0.00	29.49 -2.42 -0.07	32.86 -2.10 0.00	33.99 -2.13 0.00	36.76 -2.10 0.00	38.68 -2.51 0.00	39.24 -2.73 0.00	39.61 -4.06 -0.01	39.30 -3.50 -2.15	45.14 -3.25 -2.62	50.99 -3.08 -2.80	48.10 -3.28 -0.94	43.74 -2.96 -0.43	39.64 -2.44 0.00	36.28 -1.43 0.00	32.83 -1.19 0.00	29.80 -0.18 0.00
NM_ST_REGIS____HYD 24053	28.67 -0.86 0.00	25.04 -0.80 0.00	23.19 -0.64 0.00	20.63 -0.57 0.00	20.31 -0.58 0.00	21.62 -0.67 0.00	24.13 -0.82 0.00	26.18 -0.87 0.00	31.02 -0.83 0.00	34.09 -0.87 0.00	35.00 -1.12 0.00	37.61 -1.24 0.00	39.83 -1.36 0.00	40.67 -1.30 0.00	42.48 -1.18 0.00	39.43 -1.22 0.00	44.03 -1.74 0.00	49.06 -2.20 0.00	48.37 -2.07 0.00	44.51 -1.76 0.00	40.53 -1.56 0.00	36.31 -1.40 0.00	32.80 -1.22 0.00	28.72 -1.26 0.00
NORTHPORT____1 23551	37.10 2.71 -4.86	36.24 2.58 -7.82	30.08 2.46 -3.79	25.24 2.10 -1.94	24.67 2.05 -1.73	25.33 2.21 -0.84	28.49 2.62 -0.91	32.95 3.06 -2.85	35.82 3.25 -0.73	38.61 2.76 -0.89	35.20 2.06 2.98	35.20 2.88 6.53	35.96 3.58 8.81	35.98 3.57 9.56	35.94 3.93 11.65	38.66 3.78 5.77	37.38 4.26 12.65	40.02 4.71 15.95	41.09 4.39 13.73	37.25 3.75 12.76	35.51 3.49 10.06	35.54 2.83 5.00	35.38 3.13 1.77	34.66 2.85 -1.83
NORTHPORT____2 23552	37.10 2.71 -4.86	36.24 2.58 -7.82	30.08 2.46 -3.79	25.24 2.10 -1.94	24.67 2.05 -1.73	25.33 2.21 -0.84	28.49 2.62 -0.91	32.95 3.06 -2.85	35.82 3.25 -0.73	38.61 2.76 -0.89	35.20 2.06 2.98	35.20 2.88 6.53	35.96 3.58 8.81	35.98 3.57 9.56	35.94 3.93 11.65	38.66 3.78 8.49	37.38 4.26 12.65	40.02 4.71 15.95	41.09 4.39 18.88	37.25 3.75 12.76	35.51 3.49 10.06	35.54 2.83 5.00	35.38 3.13 1.77	34.66 2.85 -1.83
NORTHPORT____3 23553	36.72 2.33 -4.86	35.80 2.14 -7.82	29.63 2.00 -3.79	24.81 1.67 -1.94	24.25 1.63 -1.73	24.89 1.76 -0.84	27.99 2.12 -0.91	32.46 2.57 -2.85	35.47 2.90 -0.73	38.32 2.48 -0.88	35.12 1.99 2.98	35.15 2.84 6.54	35.87 3.50 8.81	35.93 3.53 9.57	35.93 3.93 11.66	35.93 3.78 8.50	37.32 4.21 12.66	39.97 4.66 15.96	35.93 4.39 18.89	37.20 3.70 12.77	35.55 3.54 10.07	35.45 2.75 5.01	35.14 2.96 1.84	34.49 2.46 -2.05
NORTHPORT____4 23650	36.72 2.33 -4.86	35.80 2.14 -7.82	29.63 2.00 -3.79	24.81 1.67 -1.94	24.25 1.63 -1.73	24.89 1.76 -0.84	27.99 2.12 -0.91	32.46 2.57 -2.85	35.47 2.90 -0.73	38.32 2.48 -0.88	35.12 1.99 2.98	35.15 2.84 6.54	35.87 3.50 8.81	35.93 3.53 9.57	35.93 3.93 11.66	35.93 3.78 8.50	37.32 4.21 12.66	39.97 4.66 15.96	35.93 4.39 18.89	37.20 3.70 12.77	35.55 3.54 10.07	35.45 2.75 5.01	35.14 2.96 1.84	34.49 2.46 -2.05
NORTHPORT____IC 23718	37.10 2.71 -4.86	36.24 2.58 -7.82	30.08 2.46 -3.79	25.24 2.10 -1.94	24.67 2.05 -1.73	25.33 2.21 -0.84	28.49 2.62 -0.91	32.95 3.06 -2.85	35.82 3.25 -0.73	38.61 2.76 -0.89	35.20 2.06 2.98	35.20 2.88 6.53	35.96 3.58 8.81	35.98 3.57 9.56	35.94 3.93 11.65	35.94 3.78 8.49	37.38 4.26 12.65	40.02 4.71 15.95	41.09 4.39 18.88	37.25 3.75 12.76	35.51 3.49 10.06	35.54 2.83 5.00	35.38 3.13 1.77	34.66 2.85 -1.83

NORTH__COUNTRY_ESR 323785	29.61 0.09 0.00	25.92 0.08 0.00	24.00 0.17 0.00	21.37 0.17 0.00	21.02 0.13 0.00	22.40 0.11 0.00	24.95 0.00 0.00	27.10 0.05 0.00	32.00 0.16 0.00	35.17 0.21 0.00	36.12 0.00 0.00	38.63 -0.23 0.00	40.94 -0.25 0.00	41.76 -0.21 0.00	43.75 0.09 0.00	40.69 0.04 0.00	45.45 -0.32 0.00	50.70 -0.56 0.00	49.83 -0.60 0.00	45.71 -0.55 0.00	41.54 -0.55 0.00	37.15 -0.56 0.00	33.54 -0.48 0.00	29.41 -0.57 0.00
NPX_GEN_1385_PROXY 323591	36.10 1.71 -4.86	33.91 1.70 -6.37	29.70 2.07 -3.79	24.90 1.76 -1.94	24.35 1.73 -1.73	24.41 1.85 -0.28	28.67 2.25 -1.48	32.30 2.41 -2.85	35.31 2.74 -0.73	37.95 2.10 -0.89	34.51 1.37 2.98	34.93 2.60 6.53	35.80 3.42 8.81	36.57 4.16 9.56	36.37 4.37 11.65	38.69 4.31 6.26	38.38 5.26 12.65	41.10 5.79 15.95	41.31 5.55 14.67	38.57 4.77 12.46	35.55 3.83 10.36	35.10 2.38 4.99	34.86 2.62 1.78	34.06 2.25 -1.83
NPX_GEN_CSC 323557	37.53 3.13 -4.87	36.47 2.82 -7.82	30.20 2.57 -3.79	25.32 2.18 -1.94	24.73 2.11 -1.73	24.84 2.27 -0.28	29.17 2.74 -1.48	33.08 3.19 -2.85	36.11 3.53 -0.73	39.18 3.32 -0.89	38.76 2.64 0.00	42.63 3.77 0.00	69.43 4.61 -23.63	113.06 4.62 -66.47	98.53 4.93 -49.94	96.06 4.71 -50.70	149.92 5.40 -98.75	209.07 5.99 -151.81	206.52 5.65 -150.44	96.63 4.90 -45.46	100.09 4.51 -53.50	66.14 3.73 -24.69	41.08 3.88 -3.19	38.42 3.36 -5.08
NSINS_S_GLNS_FALLS 23858	32.12 2.60 0.00	28.09 2.25 0.00	27.25 2.05 -1.37	25.54 1.76 -2.59	24.95 1.75 -2.30	25.35 1.94 -1.12	27.20 2.25 0.00	29.56 2.54 0.03	36.10 2.99 -1.26	37.72 3.29 0.53	39.73 3.61 0.00	42.74 3.89 0.00	45.27 4.08 0.00	46.21 4.24 0.00	47.81 4.24 0.08	65.06 3.90 -20.51	108.59 4.62 -58.19	119.36 5.23 -62.87	77.05 4.99 -21.62	61.06 4.67 -10.12	46.50 4.42 0.00	41.41 3.70 0.00	37.24 3.27 0.05	32.86 2.88 0.00
NUCOR_STEEL__DRP 24197	29.97 0.44 0.00	26.12 0.28 0.00	24.10 0.14 -0.12	21.55 0.13 -0.22	21.19 0.10 -0.20	22.54 0.16 -0.10	25.25 0.30 0.00	27.34 0.30 0.00	32.18 0.29 -0.05	35.38 0.42 0.00	36.73 0.61 0.00	39.56 0.70 0.00	41.93 0.74 0.00	42.60 0.63 0.00	44.02 0.35 -0.01	42.72 0.37 -1.71	48.41 0.60 -2.04	54.32 0.87 -2.18	52.02 0.86 -0.73	47.39 0.79 -0.34	43.05 0.97 0.00	38.65 0.94 0.00	34.77 0.75 0.00	30.61 0.63 0.00
NUMBER_THREE_WT_PWR 323818	29.52 0.00 0.00	25.76 -0.08 0.00	23.75 -0.12 -0.04	21.16 -0.11 -0.07	20.83 -0.12 -0.06	22.18 -0.13 -0.03	24.80 -0.15 0.00	26.83 -0.22 0.00	31.75 -0.10 0.00	34.96 0.00 0.00	36.05 -0.07 0.00	38.90 0.04 0.00	41.07 -0.12 0.00	41.93 -0.04 0.00	43.49 -0.17 0.00	40.77 -0.37 -0.49	45.17 -0.60 0.00	50.75 -0.51 0.00	50.08 -0.35 0.00	45.76 -0.51 0.00	41.75 -0.34 0.00	37.52 -0.19 0.00	34.02 0.00 0.00	29.89 -0.09 0.00
NYISO_LBMP_REFERENCE 24008	29.52 0.00 0.00	25.84 0.00 0.00	23.84 0.00 0.00	21.20 0.00 0.00	20.89 0.00 0.00	22.29 0.00 0.00	24.95 0.00 0.00	27.05 0.00 0.00	31.84 0.00 0.00	34.96 0.00 0.00	36.12 0.00 0.00	38.86 0.00 0.00	41.19 0.00 0.00	41.97 0.00 0.00	43.66 0.00 0.00	40.65 0.00 0.00	45.77 0.00 0.00	51.26 0.00 0.00	50.43 0.00 0.00	46.27 0.00 0.00	42.09 0.00 0.00	37.71 0.00 0.00	34.02 0.00 0.00	29.98 0.00 0.00
NYPA_BRENTWD__GT 24164	37.72 3.34 -4.86	36.68 3.02 -7.82	30.44 2.81 -3.79	25.51 2.37 -1.94	24.96 2.34 -1.73	25.64 2.52 -0.84	28.86 2.99 -0.91	33.38 3.49 -2.85	36.42 3.85 -0.73	39.45 3.57 -0.92	39.08 2.92 -0.03	42.74 3.85 -0.03	50.66 4.53 -4.94	60.19 4.36 -13.86	58.47 4.72 -10.10	67.30 4.51 -22.14	81.41 5.13 -30.51	90.42 5.69 -33.47	90.51 5.34 -34.73	61.94 4.63 -11.04	57.18 4.25 -10.85	46.51 3.66 -5.14	40.68 3.91 -2.75	44.67 3.54 -11.15
NYPA_GOWANUS__GT5 24156	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.31 4.58 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NYPA_GOWANUS__GT6 24157	32.19 2.66 -0.01	28.14 2.30 0.00	27.01 2.15 -1.03	24.92 1.78 -1.94	24.37 1.76 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.29 3.57 -2.76	39.44 3.32 0.00	42.78 3.92 0.00	45.40 4.16 -0.06	46.22 4.20 -0.06	59.31 4.58 -11.07	87.61 4.39 -42.57	138.55 5.13 -87.66	83.05 5.64 -26.15	83.05 5.50 -27.12	83.05 4.54 -32.24	45.95 3.87 0.00	41.35 3.58 -0.06	44.61 3.50 -7.08	32.96 2.97 -0.01
NYPA_HARLEM_RVR_GT1 24160	32.07 2.54 -0.01	28.12 2.27 -0.01	26.99 2.12 -1.04	24.97 1.82 -1.95	24.42 1.80 -1.73	25.00 1.87 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.17 3.32 -0.88	39.18 3.07 0.01	42.39 3.54 0.01	44.89 3.71 0.01	45.74 3.78 0.01	48.11 4.19 -0.26	61.84 4.15 -17.04	71.82 4.90 -21.15	78.79 5.38 -22.15	62.55 5.29 -6.82	53.50 4.21 -3.02	45.54 3.45 0.00	40.99 3.28 0.00	37.16 3.10 -0.05	32.87 2.88 -0.01
NYPA_HARLEM_RVR_GT2 24161	32.07 2.54 -0.01	28.12 2.27 -0.01	26.99 2.12 -1.04	24.97 1.82 -1.95	24.42 1.80 -1.73	25.00 1.87 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.17 3.32 -0.88	39.18 3.07 0.01	42.39 3.54 0.01	44.89 3.71 0.01	45.74 3.78 0.01	48.11 4.19 -0.26	61.84 4.15 -17.04	71.82 4.90 -21.15	78.79 5.38 -22.15	62.55 5.29 -6.82	53.50 4.21 -3.02	45.54 3.45 0.00	40.99 3.28 0.00	37.16 3.10 -0.05	32.87 2.88 -0.01
NYPA_KENT__GT 24152	32.10 2.57 0.00	28.09 2.25 0.00	26.96 2.10 -1.03	24.90 1.76 -1.94	24.35 1.73 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.84 2.76 -0.03	36.15 3.25 -1.06	41.35 3.50 -2.89	39.37 3.25 0.00	42.67 3.81 0.00	45.26 4.04 -0.03	46.07 4.07 -0.03	54.61 4.50 -6.45	76.57 4.27 -31.66	109.99 4.99 -59.23	81.13 5.43 -24.44	72.38 5.29 -16.65	70.37 4.35 -19.75	45.83 3.74 0.00	41.21 3.47 -0.03	41.50 3.40 -4.08	32.87 2.88 -0.01
NYPA_POUCH1__GT 24155	32.13 2.60 -0.01	28.09 2.25 0.00	26.96 2.10 -1.03	24.88 1.74 -1.94	24.31 1.69 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.82 2.73 -0.04	36.27 3.25 -1.18	42.72 3.43 -4.33	39.30 3.18 0.00	43.39 3.73 -0.80	43.09 3.99 2.09	48.52 4.03 -2.52	67.25 4.50 -19.10	104.76 4.27 -59.85	175.81 4.99 -125.05	91.74 5.54 -34.94	99.64 5.40 -43.81	101.66 4.44 -50.95	48.09 3.79 -2.22	41.11 3.47 0.07	41.28 3.40 -3.86	32.90 2.91 -0.01
NYPA_VERNON__GT2 24162	32.01 2.48 0.00	28.03 2.20 0.00	26.91 2.05 -1.03	24.88 1.74 -1.94	24.33 1.71 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.78 2.70 -0.03	36.10 3.18 -1.08	41.41 3.43 -3.02	39.30 3.18 0.00	42.55 3.69 0.00	45.11 3.92 -0.01	45.97 3.99 -0.01	49.86 4.37 -1.83	65.58 4.19 -20.75	81.42 4.85 -30.80	79.32 5.33 -22.73	61.82 5.20 -6.18	57.74 4.21 -7.26	45.71 3.62 0.00	41.07 3.36 -0.01	38.39 3.30 -1.07	32.81 2.82 -0.01

NYPA_VERNON____GT3 24163	32.01 2.48 0.00	28.03 2.20 0.00	26.91 2.05 -1.03	24.88 1.74 -1.94	24.33 1.71 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.78 2.70 -0.03	36.10 3.18 -1.08	41.41 3.43 -3.02	39.30 3.18 0.00	42.55 3.69 0.00	45.11 3.92 -0.01	45.97 3.99 -0.01	49.86 4.37 -1.83	65.58 4.19 -20.75	81.42 4.85 -30.80	79.32 5.33 -22.73	61.82 5.20 -6.18	57.74 4.21 -7.26	45.71 3.62 0.00	41.07 3.36 -0.01	38.39 3.30 -1.07	32.81 2.82 -0.01
NYPA____ASTORIA_CC1 323568	32.00 2.48 0.00	28.01 2.17 0.00	26.91 2.05 -1.03	24.85 1.72 -1.94	24.31 1.69 -1.73	24.91 1.78 -0.84	27.05 2.10 0.00	29.76 2.68 -0.03	36.00 3.12 -1.03	41.08 3.36 -2.76	39.26 3.14 0.00	42.47 3.61 0.00	45.02 3.83 0.00	45.83 3.86 0.00	48.20 4.28 -0.26	61.76 4.06 -17.04	71.68 4.76 -21.15	78.64 5.23 -22.15	57.21 5.04 -1.73	53.41 4.12 -3.02	45.58 3.49 0.00	40.99 3.28 0.00	37.30 3.23 -0.05	32.78 2.79 -0.01
NYPA____ASTORIA_CC2 323569	32.00 2.48 0.00	28.01 2.17 0.00	26.91 2.05 -1.03	24.85 1.72 -1.94	24.31 1.69 -1.73	24.91 1.78 -0.84	27.05 2.10 0.00	29.76 2.68 -0.03	36.00 3.12 -1.03	41.08 3.36 -2.76	39.26 3.14 0.00	42.47 3.61 0.00	45.02 3.83 0.00	45.83 3.86 0.00	48.20 4.28 -0.26	61.76 4.06 -17.04	71.68 4.76 -21.15	78.64 5.23 -22.15	57.21 5.04 -1.73	53.41 4.12 -3.02	45.58 3.49 0.00	40.99 3.28 0.00	37.30 3.23 -0.05	32.78 2.79 -0.01
NYPA____HOLTSVILL 23794	37.56 3.16 -4.87	36.52 2.87 -7.82	30.27 2.65 -3.79	25.38 2.25 -1.94	24.81 2.19 -1.73	25.49 2.36 -0.84	28.68 2.82 -0.91	33.17 3.27 -2.85	36.11 3.53 -0.73	39.14 3.29 -0.89	38.65 2.53 0.00	42.40 3.54 0.00	68.77 4.32 -23.25	111.65 4.28 -65.40	111.93 4.63 -63.64	116.05 4.43 -70.97	171.36 5.03 -120.56	199.09 5.54 -142.29	224.56 5.25 -168.88	116.65 4.54 -65.84	109.45 4.21 -63.16	65.50 3.51 -24.28	40.91 3.74 -3.15	38.34 3.30 -5.06
NYPA____HELLGATE_GT1 24158	32.07 2.54 -0.01	28.12 2.27 -0.01	26.99 2.12 -1.04	24.97 1.82 -1.95	24.42 1.80 -1.73	25.00 1.87 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.17 3.32 -0.88	39.18 3.07 0.01	42.39 3.54 0.01	44.89 3.71 0.01	45.74 3.78 0.01	48.11 4.19 -0.26	61.84 4.15 -17.04	71.82 4.90 -21.15	78.79 5.38 -22.15	62.55 5.29 -6.82	53.50 4.21 -3.02	45.54 3.45 0.00	40.99 3.28 0.00	37.16 3.10 -0.05	32.87 2.88 -0.01
NYPA____HELLGATE_GT2 24159	32.07 2.54 -0.01	28.12 2.27 -0.01	26.99 2.12 -1.04	24.97 1.82 -1.95	24.42 1.80 -1.73	25.00 1.87 -0.84	27.12 2.17 0.00	29.73 2.65 -0.03	35.65 3.09 -0.72	39.17 3.32 -0.88	39.18 3.07 0.01	42.39 3.54 0.01	44.89 3.71 0.01	45.74 3.78 0.01	48.11 4.19 -0.26	61.84 4.15 -17.04	71.82 4.90 -21.15	78.79 5.38 -22.15	62.55 5.29 -6.82	53.50 4.21 -3.02	45.54 3.45 0.00	40.99 3.28 0.00	37.16 3.10 -0.05	32.87 2.88 -0.01
NYS_BARGE____HYD 23848	29.41 -0.12 0.00	25.22 -0.62 0.00	22.95 -1.02 -0.14	20.37 -1.10 -0.27	20.11 -1.02 -0.24	21.49 -0.91 -0.12	24.63 -0.33 0.00	25.99 -1.06 0.00	30.63 -1.27 -0.07	33.88 -1.08 0.00	35.47 -0.65 0.00	37.73 -1.13 0.00	39.83 -1.36 0.00	40.46 -1.51 0.00	40.83 -2.84 -0.01	40.18 -2.56 -2.10	46.32 -2.01 -2.57	52.06 -1.95 -2.75	49.43 -1.92 -0.92	45.03 -1.66 -0.42	40.78 -1.30 0.00	37.18 -0.53 0.00	33.58 -0.44 0.00	30.49 0.51 0.00
OAK ORCHARD____HYD 24046	29.76 0.24 0.00	25.66 -0.18 0.00	23.67 -0.28 -0.12	21.06 -0.36 -0.22	20.76 -0.34 -0.20	22.12 -0.27 -0.10	24.93 -0.02 0.00	26.72 -0.32 0.00	31.55 -0.35 -0.05	34.86 -0.10 0.00	36.34 0.22 0.00	38.86 0.00 0.00	41.11 -0.08 0.00	41.80 -0.17 0.00	42.70 -0.96 -0.01	41.64 -0.73 -1.72	47.16 -0.64 -2.03	52.92 -0.51 -2.18	50.56 -0.60 -0.73	46.23 -0.37 -0.33	42.04 -0.04 0.00	38.05 0.34 0.00	34.26 0.24 0.00	30.61 0.63 0.00
OAKDALE__35_KV_LOAD 356122	30.00 0.47 0.00	26.18 0.34 0.00	24.21 0.07 -0.30	21.76 0.00 -0.56	21.42 0.02 -0.50	22.62 0.09 -0.24	25.28 0.32 0.00	27.32 0.27 0.00	32.19 0.19 -0.16	35.31 0.35 0.00	36.62 0.51 0.00	39.44 0.58 0.00	41.77 0.58 0.00	42.52 0.55 0.00	43.94 0.26 -0.02	45.24 0.16 -4.43	52.60 0.60 -6.24	58.81 0.87 -6.68	53.47 0.81 -2.23	48.04 0.74 -1.03	42.80 0.72 0.00	38.46 0.75 0.00	34.63 0.61 0.00	30.64 0.66 0.00
OCC_CHEM____DRP 24175	28.76 -0.77 0.00	24.81 -1.03 0.00	22.70 -1.29 -0.15	20.14 -1.34 -0.28	19.95 -1.19 -0.25	21.23 -1.18 -0.12	24.08 -0.87 0.00	25.42 -1.62 0.00	29.62 -2.29 -0.07	33.00 -1.96 0.00	34.17 -1.95 0.00	36.95 -1.90 0.00	38.84 -2.35 0.00	39.45 -2.52 0.00	39.78 -3.89 -0.01	39.47 -3.33 -2.15	45.35 -3.07 -2.65	51.28 -2.82 -2.83	48.35 -3.03 -0.94	43.97 -2.73 -0.44	39.81 -2.27 0.00	36.43 -1.28 0.00	33.00 -1.02 0.00	29.92 -0.06 0.00
OH_GEN_PROXY 24063	29.02 -0.50 0.00	24.91 -0.93 0.00	22.79 -1.19 -0.15	20.24 -1.23 -0.28	19.99 -1.15 -0.25	20.78 -1.07 0.44	24.89 -0.62 -0.56	25.75 -1.30 0.00	30.32 -1.59 -0.07	33.53 -1.43 0.00	35.07 -1.05 0.00	37.30 -1.56 0.00	39.38 -1.81 0.00	40.00 -1.97 0.00	40.44 -3.23 -0.01	39.97 -2.80 -2.13	46.00 -2.38 -2.61	51.75 -2.31 -2.80	49.00 -2.37 -0.93	44.87 -2.13 -0.73	40.02 -1.77 0.30	36.74 -0.98 -0.01	33.19 -0.82 0.01	30.04 0.06 0.00
OLIN_CORP_DRP 24177	28.99 -0.53 0.00	25.04 -0.80 0.00	22.60 -1.38 -0.15	20.08 -1.40 -0.28	19.83 -1.32 -0.25	21.16 -1.25 -0.12	24.25 -0.70 0.00	25.53 -1.51 0.00	29.75 -2.17 -0.07	33.14 -1.82 0.00	34.31 -1.81 0.00	37.11 -1.75 0.00	39.09 -2.10 0.00	39.66 -2.31 0.00	40.00 -3.67 -0.01	39.57 -3.25 -2.17	45.56 -2.88 -2.68	51.46 -2.67 -2.86	48.62 -2.77 -0.96	44.21 -2.50 -0.44	40.02 -2.06 0.00	36.62 -1.09 0.00	33.14 -0.88 0.00	29.86 -0.12 0.00
OLIN_CORP_DSASP 323712	28.73 -0.80 0.00	24.63 -1.21 0.00	22.70 -1.29 -0.15	20.14 -1.33 -0.28	19.95 -1.19 -0.25	21.23 -1.18 -0.12	24.08 -0.87 0.00	25.42 -1.62 0.00	29.94 -1.97 -0.07	33.11 -1.85 0.00	34.67 -1.45 0.00	36.80 -2.06 0.00	38.88 -2.31 0.00	39.45 -2.52 0.00	39.83 -3.84 -0.01	39.47 -3.33 -2.15	45.44 -2.97 -2.65	51.12 -2.97 -2.83	48.30 -3.08 -0.94	44.02 -2.68 -0.44	39.77 -2.31 0.00	36.32 -1.39 0.00	32.86 -1.16 0.00	29.77 -0.21 0.00
ONEIDA_HERK_LFGE 323681	30.08 0.56 0.00	26.28 0.44 0.00	24.22 0.36 -0.03	21.55 0.30 -0.06	21.24 0.29 -0.05	22.62 0.31 -0.03	25.35 0.40 0.00	27.45 0.41 0.00	32.38 0.54 0.00	35.55 0.59 0.00	36.77 0.65 0.00	39.75 0.89 0.00	42.06 0.87 0.00	42.94 0.97 0.00	44.40 0.74 0.00	41.59 0.53 -0.41	46.41 0.64 0.00	52.08 0.82 0.00	51.34 0.91 0.00	47.15 0.88 0.00	42.97 0.89 0.00	38.50 0.79 0.00	34.67 0.64 0.00	30.49 0.51 0.00
ONEIDA____115KV_TB4 55905	30.41 0.89 0.00	26.56 0.72 0.00	24.46 0.57 -0.06	21.77 0.47 -0.11	21.45 0.46 -0.10	22.85 0.51 -0.05	25.60 0.65 0.00	27.72 0.68 0.00	32.61 0.76 0.00	35.91 0.94 0.00	37.35 1.23 0.00	40.22 1.36 0.00	42.51 1.32 0.00	43.36 1.39 0.00	44.80 1.14 0.00	42.29 0.89 -0.75	46.96 1.19 0.00	52.80 1.54 0.00	51.95 1.51 0.00	47.79 1.53 0.00	43.56 1.47 0.00	39.03 1.32 0.00	35.04 1.02 0.00	30.85 0.87 0.00

ONONDAGA_REF_OCCRA 23987	29.55 0.03 0.00	25.79 -0.05 0.00	23.80 -0.14 -0.11	21.25 -0.15 -0.20	20.95 -0.13 -0.18	22.26 -0.11 -0.09	24.90 -0.05 0.00	26.99 -0.05 0.00	31.73 -0.16 -0.05	34.89 -0.07 0.00	36.19 0.07 0.00	39.01 0.16 0.00	41.31 0.12 0.00	42.10 0.13 0.00	43.53 -0.13 0.00	42.06 -0.12 -1.53	47.53 0.00 -1.76	53.25 0.10 -1.89	51.11 0.05 -0.63	46.65 0.09 -0.29	42.30 0.21 0.00	37.94 0.23 0.00	34.16 0.14 0.00	30.10 0.12 0.00
ONONDAGA___COGEN 23986	29.58 0.06 0.00	25.81 -0.03 0.00	23.81 -0.12 -0.10	21.28 -0.11 -0.19	20.95 -0.10 -0.17	22.28 -0.09 -0.08	24.93 -0.02 0.00	27.02 -0.03 0.00	31.75 -0.10 0.00	34.96 0.00 0.00	36.26 0.14 0.00	39.05 0.19 0.00	41.40 0.21 0.00	42.14 0.17 0.00	43.57 -0.09 0.00	41.86 -0.08 -1.30	45.77 0.00 0.00	51.36 0.10 0.00	50.48 0.05 0.00	46.36 0.09 0.00	42.34 0.25 0.00	38.01 0.30 0.00	34.19 0.17 0.00	30.16 0.18 0.00
ONTARIO___LFGE 23819	30.08 0.56 0.00	26.02 0.18 0.00	23.93 -0.05 -0.14	21.33 -0.13 -0.26	21.02 -0.10 -0.23	22.38 -0.02 -0.11	25.25 0.30 0.00	27.26 0.22 0.00	32.10 0.19 -0.06	35.28 0.31 0.00	36.77 0.65 0.00	39.40 0.54 0.00	41.69 0.50 0.00	42.43 0.46 0.00	43.49 -0.17 -0.01	42.51 -0.16 -2.02	48.57 0.32 -2.48	54.53 0.62 -2.65	51.93 0.61 -0.88	47.28 0.60 -0.41	42.84 0.76 0.00	38.58 0.87 0.00	34.80 0.78 0.00	30.88 0.90 0.00
ORANGEVILLE_WT_PWR 323706	29.82 0.30 0.00	25.68 -0.15 0.00	23.34 -0.67 -0.18	20.77 -0.76 -0.33	20.48 -0.71 -0.30	21.85 -0.58 -0.14	24.95 0.00 0.00	26.51 -0.54 0.00	31.23 -0.70 -0.08	34.40 -0.56 0.00	36.05 -0.07 0.00	38.35 -0.51 0.00	40.49 -0.70 0.00	41.13 -0.84 0.00	41.79 -1.88 -0.01	41.52 -1.71 -2.58	48.17 -0.87 -3.27	54.04 -0.72 -3.50	50.89 -0.71 -1.17	46.11 -0.69 -0.54	41.62 -0.46 0.00	37.75 0.04 0.00	34.02 0.00 0.00	30.67 0.69 0.00
ORANGEVILLE___ESR 323794	29.82 0.30 0.00	25.68 -0.15 0.00	23.34 -0.67 -0.18	20.77 -0.76 -0.33	20.48 -0.71 -0.30	21.85 -0.58 -0.14	24.95 0.00 0.00	26.51 -0.54 0.00	31.23 -0.70 -0.08	34.40 -0.56 0.00	36.05 -0.07 0.00	38.35 -0.51 0.00	40.49 -0.70 0.00	41.13 -0.84 0.00	41.79 -1.88 -0.01	41.52 -1.71 -2.58	48.17 -0.87 -3.27	54.04 -0.72 -3.50	50.89 -0.71 -1.17	46.11 -0.69 -0.54	41.62 -0.46 0.00	37.75 0.04 0.00	34.02 0.00 0.00	30.67 0.69 0.00
OSWEGATCHIE___HYD 24044	28.82 -0.71 0.00	25.14 -0.70 0.00	23.24 -0.62 -0.03	20.70 -0.55 -0.05	20.37 -0.56 -0.05	21.68 -0.62 -0.02	24.20 -0.75 0.00	26.24 -0.81 0.00	31.05 -0.79 0.00	34.19 -0.77 0.00	35.18 -0.94 0.00	37.81 -1.05 0.00	39.99 -1.20 0.00	40.84 -1.13 0.00	42.57 -1.09 0.00	39.78 -1.22 -0.35	44.12 -1.65 0.00	49.37 -1.90 0.00	48.72 -1.71 0.00	44.74 -1.53 0.00	40.86 -1.22 0.00	36.65 -1.06 0.00	33.10 -0.92 0.00	29.05 -0.93 0.00
OSWEGO___5 23606	28.99 -0.53 0.00	25.30 -0.54 0.00	23.36 -0.55 -0.07	20.86 -0.47 -0.13	20.55 -0.46 -0.12	21.88 -0.47 -0.06	24.45 -0.50 0.00	26.48 -0.57 0.00	31.14 -0.70 0.00	34.26 -0.70 0.00	35.50 -0.61 0.00	38.12 -0.74 0.00	40.41 -0.78 0.00	41.17 -0.80 0.00	42.66 -1.00 0.00	40.64 -0.93 -0.92	44.76 -1.01 0.00	50.18 -1.08 0.00	49.37 -1.06 0.00	45.34 -0.92 0.00	41.33 -0.76 0.00	37.11 -0.60 0.00	33.44 -0.58 0.00	29.53 -0.45 0.00
OSWEGO___6 23613	28.99 -0.53 0.00	25.30 -0.54 0.00	23.36 -0.55 -0.07	20.86 -0.47 -0.13	20.55 -0.46 -0.12	21.88 -0.47 -0.06	24.45 -0.50 0.00	26.48 -0.57 0.00	31.14 -0.70 0.00	34.26 -0.70 0.00	35.50 -0.61 0.00	38.12 -0.74 0.00	40.41 -0.78 0.00	41.17 -0.80 0.00	42.66 -1.00 0.00	40.64 -0.93 -0.92	44.76 -1.01 0.00	50.18 -1.08 0.00	49.37 -1.06 0.00	45.34 -0.92 0.00	41.33 -0.76 0.00	37.11 -0.60 0.00	33.44 -0.58 0.00	29.53 -0.45 0.00
OUTOKUMPU-AB___DRP 24206	29.61 0.09 0.00	25.55 -0.28 0.00	23.18 -0.81 -0.15	20.55 -0.93 -0.28	20.31 -0.84 -0.25	21.67 -0.74 -0.12	24.75 -0.20 0.00	26.23 -0.81 0.00	30.58 -1.34 -0.07	34.09 -0.87 0.00	35.32 -0.79 0.00	38.20 -0.66 0.00	40.08 -1.11 0.00	40.71 -1.26 0.00	41.09 -2.58 -0.01	40.56 -2.28 -2.19	46.87 -1.60 -2.71	52.88 -1.28 -2.90	49.89 -1.51 -0.97	45.28 -1.43 -0.45	41.03 -1.05 0.00	37.63 -0.08 0.00	33.99 -0.03 0.00	30.64 0.66 0.00
OXBOW___ 24026	29.23 -0.30 0.00	25.06 -0.77 0.00	22.98 -1.00 -0.15	20.40 -1.08 -0.28	20.16 -0.98 -0.25	21.52 -0.89 -0.12	24.48 -0.47 0.00	25.88 -1.16 0.00	30.51 -1.40 -0.07	33.77 -1.19 0.00	35.36 -0.76 0.00	37.50 -1.36 0.00	39.58 -1.61 0.00	40.25 -1.72 0.00	40.61 -3.06 -0.01	40.14 -2.68 -2.17	46.34 -2.10 -2.68	52.07 -2.05 -2.86	49.27 -2.12 -0.96	44.81 -1.90 -0.44	40.53 -1.56 0.00	37.03 -0.68 0.00	33.48 -0.55 0.00	30.28 0.30 0.00
OXY_CHEM_DSASP 323612	28.76 -0.77 0.00	24.81 -1.03 0.00	22.70 -1.29 -0.15	20.14 -1.34 -0.28	19.95 -1.19 -0.25	21.23 -1.18 -0.12	24.08 -0.87 0.00	25.42 -1.62 0.00	29.62 -2.29 -0.07	33.00 -1.96 0.00	34.17 -1.95 0.00	36.95 -1.90 0.00	38.84 -2.35 0.00	39.45 -2.52 0.00	39.78 -3.89 -0.01	39.47 -3.33 -2.15	45.35 -3.07 -2.65	51.28 -2.82 -2.83	48.35 -3.03 -0.94	43.97 -2.73 -0.44	39.81 -2.27 0.00	36.43 -1.28 0.00	33.00 -1.02 0.00	29.92 -0.06 0.00
OZONE_PARK_ESR 323760	32.18 2.66 0.00	28.14 2.30 0.00	27.06 2.19 -1.03	25.00 1.87 -1.94	24.46 1.84 -1.73	25.09 1.96 -0.84	27.25 2.30 0.00	29.94 2.87 -0.02	35.98 3.41 -0.73	39.53 3.67 -0.89	39.80 3.68 0.00	42.86 4.00 0.00	45.56 4.37 0.00	46.50 4.53 0.00	48.90 4.98 -0.26	62.49 4.80 -17.05	72.55 5.63 -21.15	79.61 6.20 -22.15	63.26 6.00 -6.83	54.34 5.04 -3.03	46.34 4.25 0.00	41.37 3.66 0.00	37.56 3.50 -0.04	32.98 3.00 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.76 -0.77 0.00	24.81 -1.03 0.00	22.70 -1.29 -0.15	20.14 -1.34 -0.28	19.95 -1.19 -0.25	21.23 -1.18 -0.12	24.08 -0.87 0.00	25.42 -1.62 0.00	29.62 -2.29 -0.07	33.00 -1.96 0.00	34.17 -1.95 0.00	36.95 -1.90 0.00	38.84 -2.35 0.00	39.45 -2.52 0.00	39.78 -3.89 -0.01	39.47 -3.33 -2.15	45.35 -3.07 -2.65	51.28 -2.82 -2.83	48.35 -3.03 -0.94	43.97 -2.73 -0.44	39.81 -2.27 0.00	36.43 -1.28 0.00	33.00 -1.02 0.00	29.92 -0.06 0.00
PACKARD___115KV_DUPONT_184 80571	28.76 -0.77 0.00	24.81 -1.03 0.00	22.70 -1.29 -0.15	20.14 -1.34 -0.28	19.95 -1.19 -0.25	21.23 -1.18 -0.12	24.08 -0.87 0.00	25.42 -1.62 0.00	29.62 -2.29 -0.07	33.00 -1.96 0.00	34.17 -1.95 0.00	36.95 -1.90 0.00	38.84 -2.35 0.00	39.45 -2.52 0.00	39.78 -3.89 -0.01	39.47 -3.33 -2.15	45.35 -3.07 -2.65	51.28 -2.82 -2.83	48.35 -3.03 -0.94	43.97 -2.73 -0.44	39.81 -2.27 0.00	36.43 -1.28 0.00	33.00 -1.02 0.00	29.92 -0.06 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.10 2.57 -0.01	28.04 2.20 -0.01	26.99 2.12 -1.04	24.95 1.80 -1.95	24.40 1.78 -1.73	24.95 1.83 -0.84	27.10 2.15 0.00	29.73 2.65 -0.03	35.59 3.03 -0.72	39.10 3.25 -0.88	39.33 3.21 0.00	42.36 3.50 0.00	44.90 3.71 0.00	45.71 3.74 0.00	48.07 4.15 -0.26	61.72 4.02 -17.05	71.73 4.81 -21.15	78.69 5.28 -22.15	62.25 4.99 -6.82	53.64 4.35 -3.02	45.45 3.37 0.00	40.88 3.17 0.00	37.13 3.06 -0.05	32.87 2.88 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.48 2.95 -0.01	28.38 2.53 -0.01	27.28 2.41 -1.04	25.18 2.04 -1.95	24.63 2.01 -1.73	25.20 2.07 -0.84	27.37 2.42 0.00	30.05 2.98 -0.03	35.97 3.41 -0.72	39.52 3.67 -0.88	40.02 3.90 0.00	43.09 4.24 0.00	45.72 4.53 0.00	46.59 4.62 0.00	48.68 4.76 -0.26	62.29 4.59 -17.05	72.41 5.49 -21.15	79.51 6.10 -22.15	63.00 5.75 -6.82	54.38 5.09 -3.02	46.08 4.00 0.00	41.41 3.70 0.00	37.60 3.54 -0.05	33.20 3.21 -0.01
PATROON__115KV_TB1 80586	30.62 1.09 0.00	26.85 1.01 0.00	26.15 0.98 -1.33	24.56 0.85 -2.52	23.99 0.86 -2.24	24.29 0.91 -1.09	25.82 0.87 0.00	27.97 0.95 0.03	33.70 1.15 -0.71	35.67 1.15 0.45	37.38 1.26 0.00	40.14 1.28 0.00	42.47 1.28 0.00	43.27 1.30 0.00	45.03 1.48 0.11	60.15 1.34 -18.16	82.75 1.51 -35.47	91.42 1.69 -38.47	65.45 1.61 -13.40	54.01 1.43 -6.31	43.35 1.26 0.00	39.03 1.32 0.00	35.31 1.33 0.04	31.15 1.17 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.82 0.30 0.00	25.79 -0.05 0.00	22.83 -1.17 -0.16	20.28 -1.23 -0.31	20.00 -1.17 -0.28	21.37 -1.05 -0.13	24.93 -0.02 0.00	26.48 -0.57 0.00	30.90 -1.02 -0.08	34.40 -0.56 0.00	35.72 -0.40 0.00	38.62 -0.23 0.00	40.70 -0.49 0.00	41.43 -0.55 0.00	41.92 -1.75 -0.01	40.89 -2.15 -2.39	48.08 -0.69 -2.99	54.26 -0.21 -3.21	51.05 -0.45 -1.07	46.16 -0.60 -0.49	41.71 -0.38 0.00	37.94 0.23 0.00	34.22 0.20 0.00	30.79 0.81 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.80 2.27 0.00	27.88 2.04 0.00	26.78 1.91 -1.04	24.82 1.65 -1.97	24.25 1.61 -1.75	24.88 1.74 -0.85	26.92 1.97 0.00	29.53 2.46 -0.02	35.51 2.96 -0.70	38.81 3.25 -0.60	39.48 3.36 0.00	42.51 3.65 0.00	45.19 4.00 0.00	46.09 4.11 0.00	48.48 4.58 -0.23	62.02 4.39 -16.98	71.87 4.99 -21.11	79.08 5.64 -22.18	62.80 5.45 -6.92	53.98 4.63 -3.09	46.17 4.08 0.00	41.10 3.39 0.00	37.01 2.96 -0.03	32.50 2.52 0.00
PEEKSKILL____ 23653	31.47 1.95 0.00	27.67 1.83 0.00	26.54 1.69 -1.01	24.57 1.46 -1.91	24.02 1.42 -1.70	24.65 1.54 -0.83	26.72 1.77 0.00	29.26 2.19 -0.02	35.11 2.55 -0.72	38.62 2.73 -0.93	38.75 2.64 0.00	41.93 3.07 0.00	44.57 3.38 0.00	45.41 3.44 0.00	47.71 3.80 -0.26	61.18 3.74 -16.79	70.87 4.26 -20.84	77.80 4.71 -21.83	61.76 4.59 -6.74	53.10 3.84 -2.99	45.37 3.28 0.00	40.54 2.83 0.00	36.68 2.62 -0.04	32.20 2.22 0.00
PGE MADISON__WINDPWR 24146	32.27 2.75 0.00	28.06 2.22 0.00	25.91 1.79 -0.28	23.26 1.53 -0.53	22.83 1.46 -0.47	24.10 1.58 -0.23	26.97 2.02 0.00	29.13 2.08 0.00	34.35 2.32 -0.19	37.58 2.62 0.00	38.86 2.74 0.00	41.93 3.07 0.00	44.19 3.01 0.00	45.03 3.06 0.00	46.21 2.53 -0.02	47.09 2.15 -4.29	56.04 2.93 -7.34	62.96 3.85 -7.86	57.19 4.14 -2.62	51.87 4.40 -1.21	46.25 4.17 0.00	41.48 3.77 0.00	36.88 2.86 0.00	32.50 2.52 0.00
PIERCEFIELD__HYD 23852	28.40 -1.12 0.00	24.81 -1.03 0.00	22.98 -0.86 0.00	20.44 -0.76 0.00	20.10 -0.79 0.00	21.42 -0.87 0.00	23.88 -1.07 0.00	25.94 -1.11 0.00	30.73 -1.11 0.00	33.74 -1.22 0.00	34.71 -1.41 0.00	37.26 -1.59 0.00	39.50 -1.69 0.00	40.29 -1.68 0.00	42.09 -1.57 0.00	39.02 -1.63 0.00	43.62 -2.15 0.00	48.60 -2.67 0.00	47.91 -2.52 0.00	44.14 -2.13 0.00	40.19 -1.89 0.00	36.05 -1.66 0.00	32.52 -1.50 0.00	28.51 -1.47 0.00
PINELAWN_CC_1 323563	37.52 3.13 -4.86	36.47 2.82 -7.82	30.23 2.60 -3.79	25.34 2.20 -1.94	24.77 2.15 -1.73	25.44 2.32 -0.84	28.64 2.77 -0.91	33.17 3.27 -2.85	36.23 3.66 -0.73	39.28 3.43 -0.89	38.76 2.64 0.00	42.28 3.42 0.00	46.89 4.16 -1.54	50.26 3.99 -4.30	51.39 4.41 -3.32	63.57 4.27 -18.65	74.66 4.80 -24.09	82.29 5.33 -25.70	70.98 5.04 -15.50	56.14 4.35 -5.53	49.50 4.04 -3.37	42.77 3.47 -1.60	42.43 3.64 -4.76	37.15 3.39 -3.78
PJM_GEN_HTP_PROXY 323702	31.80 2.27 0.00	27.88 2.04 0.00	26.77 1.91 -1.03	24.77 1.63 -1.94	24.23 1.61 -1.73	24.28 1.72 -0.28	27.53 2.02 -0.56	29.61 2.54 -0.02	35.57 2.99 -0.73	39.07 3.21 -0.89	39.11 3.00 0.00	42.39 3.54 0.00	45.06 3.87 0.00	45.92 3.94 0.00	48.29 4.37 -0.26	61.92 4.23 -17.04	71.77 4.85 -21.15	78.74 5.33 -22.15	62.46 5.20 -6.83	53.90 4.30 -3.33	45.45 3.66 0.30	40.85 3.13 -0.01	37.07 3.03 -0.03	32.56 2.58 0.00
PJM_GEN_KEystone 24065	30.26 0.74 0.00	26.43 0.59 0.00	24.72 0.26 -0.62	22.52 0.15 -1.17	22.10 0.17 -1.04	22.50 0.27 0.05	26.16 0.65 -0.56	27.71 0.65 -0.01	32.93 0.67 -0.42	35.74 0.84 0.06	37.13 1.01 0.00	39.79 1.05 0.12	41.98 1.11 0.32	42.69 1.09 0.37	44.16 0.83 0.32	50.76 0.85 -9.26	58.83 1.51 -11.55	65.22 1.79 -12.16	55.15 1.72 -3.00	48.86 1.25 -1.34	42.54 1.09 0.64	38.80 1.09 0.00	35.05 1.02 -0.01	31.15 1.17 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.90 2.51 -4.86	35.93 2.27 -7.82	29.75 2.12 -3.79	24.94 1.80 -1.94	24.37 1.76 -1.73	24.46 1.89 -0.28	28.70 2.27 -1.47	32.62 2.73 -2.85	35.60 3.03 -0.73	38.65 2.80 -0.89	38.46 2.35 0.00	42.00 3.15 0.00	45.04 3.83 -0.02	45.83 3.86 0.00	48.12 4.19 -0.26	61.74 4.02 -17.07	71.42 4.49 -21.16	78.39 4.97 -22.16	61.96 4.69 -6.83	53.62 4.02 -3.33	45.53 3.74 0.30	40.77 3.05 -0.01	37.71 3.27 -0.42	35.30 2.76 -2.57
PJM_GEN_VFT_PROXY 323633	31.68 2.15 0.00	27.75 1.91 0.00	26.65 1.79 -1.03	24.66 1.53 -1.94	24.12 1.51 -1.73	24.17 1.61 -0.28	27.38 1.87 -0.56	29.51 2.44 -0.02	35.44 2.87 -0.73	37.33 3.01 0.64	38.86 2.74 0.00	40.39 3.26 1.73	40.15 3.58 4.63	40.38 3.69 5.29	41.35 4.06 6.37	49.66 3.99 -5.02	56.73 4.58 -6.38	63.39 5.08 -7.05	46.16 4.89 9.17	42.19 4.02 8.10	40.34 3.37 5.11	40.41 2.90 0.20	36.94 2.89 -0.03	32.47 2.49 0.00
PLATSBRG_115KV_PMLD1 355749	30.09 0.56 0.00	26.30 0.47 0.00	24.36 0.52 0.00	21.67 0.47 0.00	21.31 0.42 0.00	22.71 0.42 0.00	25.30 0.35 0.00	27.51 0.46 0.00	32.51 0.67 0.00	35.70 0.73 0.00	36.52 0.40 0.00	39.13 0.27 0.00	41.48 0.29 0.00	42.31 0.34 0.00	44.36 0.70 0.00	41.26 0.61 0.00	46.04 0.27 0.00	51.31 0.05 0.00	50.48 0.05 0.00	46.31 0.05 0.00	42.09 0.00 0.00	37.67 -0.04 0.00	34.09 0.07 0.00	29.86 -0.12 0.00
PLEASANTVLY__LBMP 24000	31.27 1.74 0.00	27.44 1.60 0.00	26.44 1.53 -1.08	24.56 1.31 -2.05	24.03 1.32 -1.82	24.56 1.38 -0.89	26.55 1.60 0.00	28.94 1.87 -0.03	34.84 2.20 -0.79	38.06 2.31 -0.79	38.50 2.38 0.00	41.42 2.56 0.00	43.99 2.80 0.00	44.87 2.90 0.00	47.15 3.19 -0.30	61.93 3.09 -18.19	71.95 3.57 -22.61	78.85 3.95 -23.64	61.46 3.78 -7.24	52.66 3.19 -3.20	44.82 2.74 0.00	40.05 2.34 0.00	36.24 2.18 -0.04	31.87 1.89 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.62 2.10 0.00	27.73 1.89 0.00	26.66 1.79 -1.04	24.70 1.55 -1.96	24.16 1.53 -1.74	24.76 1.63 -0.85	26.85 1.90 0.00	29.37 2.30 -0.02	35.32 2.74 -0.74	38.75 2.97 -0.82	39.15 3.03 0.00	42.16 3.30 0.00	44.77 3.58 0.00	45.67 3.69 0.00	48.03 4.10 -0.27	61.80 3.94 -17.21	71.70 4.58 -21.35	78.64 5.02 -22.36	62.22 4.89 -6.89	53.49 4.16 -3.06	45.62 3.54 0.00	40.69 2.98 0.00	36.81 2.76 -0.04	32.35 2.37 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.62 2.10 0.00	27.73 1.89 0.00	26.66 1.79 -1.04	24.70 1.55 -1.96	24.16 1.53 -1.74	24.76 1.63 -0.85	26.85 1.90 0.00	29.37 2.30 -0.02	35.32 2.74 -0.74	38.75 2.97 -0.82	39.15 3.03 0.00	42.16 3.30 0.00	44.77 3.58 0.00	45.67 3.69 0.00	48.03 4.10 -0.27	61.80 3.94 -17.21	71.70 4.58 -21.35	78.64 5.02 -22.36	62.22 4.89 -6.89	53.49 4.16 -3.06	45.62 3.54 0.00	40.69 2.98 0.00	36.81 2.76 -0.04	32.35 2.37 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.50 1.98 0.00	27.60 1.76 0.00	26.54 1.64 -1.06	24.64 1.44 -2.00	24.09 1.42 -1.78	24.67 1.52 -0.87	26.70 1.75 0.00	29.07 2.03 0.01	34.62 2.36 -0.42	37.25 2.34 0.06	38.54 2.42 0.00	41.46 2.60 0.00	44.20 3.01 0.00	45.08 3.11 0.00	47.14 3.49 0.01	58.85 3.37 -14.83	68.04 3.75 -18.52	75.38 4.15 -19.97	61.29 4.03 -6.82	52.87 3.42 -3.18	45.03 2.95 0.00	40.24 2.53 0.00	36.32 2.31 0.01	31.93 1.95 0.00
POLETTI____ 23519	31.83 2.30 0.00	27.85 2.02 0.00	26.77 1.91 -1.03	24.77 1.63 -1.94	24.25 1.63 -1.73	24.84 1.72 -0.84	26.95 2.00 0.00	29.61 2.54 -0.02	35.57 2.99 -0.73	39.07 3.22 -0.89	39.30 3.18 0.00	42.32 3.46 0.00	44.98 3.79 0.00	45.88 3.90 0.00	48.25 4.32 -0.26	61.88 4.19 -17.05	71.77 4.85 -21.15	78.79 5.38 -22.15	62.41 5.14 -6.83	53.60 4.30 -3.03	45.70 3.62 0.00	40.80 3.09 0.00	37.09 3.03 -0.04	32.59 2.61 0.00
POMONA____ESR 323819	31.36 1.83 0.00	27.60 1.76 0.00	26.41 1.60 -0.98	24.43 1.38 -1.85	23.90 1.36 -1.65	24.56 1.47 -0.80	26.65 1.70 0.00	29.15 2.08 -0.02	34.88 2.36 -0.68	37.34 2.48 0.10	38.54 2.42 0.00	41.69 2.84 0.00	44.32 3.13 0.00	45.20 3.23 0.00	47.48 3.58 -0.24	60.30 3.50 -16.15	69.84 4.03 -20.05	76.68 4.41 -21.01	61.27 4.34 -6.50	52.72 3.56 -2.89	45.12 3.03 0.00	40.31 2.60 0.00	36.47 2.42 -0.03	32.05 2.07 0.00
PORT_JEFF_3 23555	37.59 3.19 -4.87	36.52 2.87 -7.82	30.27 2.65 -3.79	25.38 2.25 -1.94	24.81 2.19 -1.73	25.49 2.36 -0.84	28.68 2.82 -0.91	33.17 3.27 -2.85	36.17 3.60 -0.73	39.21 3.36 -0.89	38.61 2.49 0.00	42.36 3.50 0.00	69.64 4.24 -24.21	114.22 4.16 -68.09	117.68 4.46 -69.56	123.83 4.15 -79.03	185.92 4.72 -135.43	210.11 5.18 -153.68	236.81 4.89 -181.49	123.83 4.25 -73.31	114.22 4.04 -68.09	66.39 3.40 -25.28	41.02 3.78 -3.22	38.38 3.36 -5.04
PORT_JEFF_4 23616	37.59 3.19 -4.87	36.52 2.87 -7.82	30.27 2.65 -3.79	25.38 2.25 -1.94	24.81 2.19 -1.73	25.49 2.36 -0.84	28.68 2.82 -0.91	33.17 3.27 -2.85	36.17 3.60 -0.73	39.21 3.36 -0.89	38.61 2.49 0.00	42.36 3.50 0.00	69.64 4.24 -24.21	114.22 4.16 -68.09	117.68 4.46 -69.56	123.83 4.15 -79.03	185.92 4.72 -135.43	210.11 5.18 -153.68	236.81 4.89 -181.49	123.83 4.25 -73.31	114.22 4.04 -68.09	66.39 3.40 -25.28	41.02 3.78 -3.22	38.38 3.36 -5.04
PORT_JEFF_IC 23713	37.68 3.28 -4.88	36.60 2.94 -7.82	30.32 2.69 -3.79	25.43 2.29 -1.94	24.85 2.24 -1.73	25.53 2.41 -0.84	28.73 2.87 -0.91	33.25 3.35 -2.85	36.27 3.69 -0.73	39.32 3.46 -0.89	38.80 2.67 0.00	42.56 3.69 0.00	73.31 4.36 -27.76	124.37 4.32 -78.08	138.76 4.63 -90.48	152.13 4.39 -107.09	237.93 4.99 -187.17	248.73 5.38 -192.09	281.97 5.20 -226.34	150.20 4.49 -99.44	131.99 4.25 -85.66	70.25 3.54 -28.99	41.43 3.94 -3.46	38.31 3.45 -4.88
PPL PILGRIM_ST_GT1 24216	37.72 3.34 -4.86	36.68 3.02 -7.82	30.44 2.81 -3.79	25.51 2.37 -1.94	24.96 2.34 -1.73	25.64 2.52 -0.84	28.86 2.99 -0.91	33.38 3.49 -2.85	36.42 3.85 -0.73	39.45 3.57 -0.92	39.08 2.92 -0.03	42.74 3.85 -0.03	50.66 4.53 -4.94	60.19 4.36 -13.86	58.47 4.72 -10.10	67.30 4.51 -22.14	81.41 5.13 -30.51	90.42 5.69 -33.47	90.51 5.34 -34.73	61.94 4.63 -11.04	57.18 4.25 -10.85	46.51 3.66 -5.14	40.68 3.91 -2.75	44.67 3.54 -11.15
PPL PILGRIM_ST_GT2 24217	37.72 3.34 -4.86	36.68 3.02 -7.82	30.44 2.81 -3.79	25.51 2.37 -1.94	24.96 2.34 -1.73	25.64 2.52 -0.84	28.86 2.99 -0.91	33.38 3.49 -2.85	36.42 3.85 -0.73	39.45 3.57 -0.92	39.08 2.92 -0.03	42.74 3.85 -0.03	50.66 4.53 -4.94	60.19 4.36 -13.86	58.47 4.72 -10.10	67.30 4.51 -22.14	81.41 5.13 -30.51	90.42 5.69 -33.47	90.51 5.34 -34.73	61.94 4.63 -11.04	57.18 4.25 -10.85	46.51 3.66 -5.14	40.68 3.91 -2.75	44.67 3.54 -11.15
PPL_SHRM_GT3 24213	37.56 3.16 -4.87	36.50 2.84 -7.82	30.20 2.57 -3.79	25.32 2.18 -1.94	24.75 2.13 -1.73	25.42 2.30 -0.84	28.64 2.77 -0.91	33.08 3.19 -2.85	36.11 3.53 -0.73	39.21 3.36 -0.89	38.72 2.60 0.00	42.63 3.77 0.00	70.49 4.65 -24.65	115.96 4.66 -69.33	121.71 4.93 -73.11	129.56 4.71 -84.20	196.13 5.40 -144.96	224.78 6.05 -167.47	244.89 5.70 -188.76	129.18 4.95 -77.96	117.58 4.55 -70.95	67.22 3.77 -25.74	41.21 3.91 -3.28	38.40 3.36 -5.06
PPL_SHRM_GT4 24214	37.56 3.16 -4.87	36.50 2.84 -7.82	30.20 2.57 -3.79	25.32 2.18 -1.94	24.75 2.13 -1.73	25.42 2.30 -0.84	28.64 2.77 -0.91	33.08 3.19 -2.85	36.11 3.53 -0.73	39.21 3.36 -0.89	38.72 2.60 0.00	42.63 3.77 0.00	70.49 4.65 -24.65	115.96 4.66 -69.33	121.71 4.93 -73.11	129.56 4.71 -84.20	196.13 5.40 -144.96	224.78 6.05 -167.47	244.89 5.70 -188.76	129.18 4.95 -77.96	117.58 4.55 -70.95	67.22 3.77 -25.74	41.21 3.91 -3.28	38.40 3.36 -5.06
PROJECT___ORANGE 1 24174	29.44 -0.09 0.00	25.68 -0.16 0.00	23.71 -0.21 -0.09	21.17 -0.19 -0.17	20.85 -0.19 -0.15	22.18 -0.18 -0.07	24.83 -0.12 0.00	26.88 -0.16 0.00	31.59 -0.25 0.00	34.75 -0.21 0.00	36.05 -0.07 0.00	38.86 0.00 0.00	41.19 0.00 0.00	41.93 -0.04 0.00	43.35 -0.31 0.00	41.51 -0.28 -1.15	45.54 -0.23 0.00	51.11 -0.15 0.00	50.23 -0.20 0.00	46.13 -0.14 0.00	42.09 0.00 0.00	37.79 0.08 0.00	33.99 -0.03 0.00	30.01 0.03 0.00
PROJECT___ORANGE 2 24166	29.44 -0.09 0.00	25.68 -0.16 0.00	23.71 -0.21 -0.09	21.17 -0.19 -0.17	20.85 -0.19 -0.15	22.18 -0.18 -0.07	24.83 -0.12 0.00	26.88 -0.16 0.00	31.59 -0.25 0.00	34.75 -0.21 0.00	36.05 -0.07 0.00	38.86 0.00 0.00	41.19 0.00 0.00	41.93 -0.04 0.00	43.35 -0.31 0.00	41.51 -0.28 -1.15	45.54 -0.23 0.00	51.11 -0.15 0.00	50.23 -0.20 0.00	46.13 -0.14 0.00	42.09 0.00 0.00	37.79 0.08 0.00	33.99 -0.03 0.00	30.01 0.03 0.00
PUCKETT___SOLAR 323809	30.53 1.00 0.00	26.61 0.77 0.00	24.62 0.48 -0.31	22.16 0.38 -0.58	21.78 0.38 -0.51	23.01 0.47 -0.25	25.70 0.75 0.00	27.78 0.73 0.00	32.75 0.73 -0.18	35.80 0.84 0.00	37.06 0.94 0.00	39.83 0.97 0.00	42.09 0.91 0.00	42.89 0.92 0.00	44.29 0.61 -0.02	45.75 0.53 -4.58	53.80 1.05 -6.98	60.22 1.49 -7.47	54.54 1.61 -2.49	49.08 1.66 -1.15	43.68 1.60 0.00	39.22 1.51 0.00	35.24 1.22 0.00	31.18 1.20 0.00
PYRITES___HYD 24023	29.02 -0.50 0.00	25.35 -0.49 0.00	23.45 -0.38 0.00	20.86 -0.34 0.00	20.52 -0.38 0.00	21.86 -0.42 0.00	24.40 -0.55 0.00	26.48 -0.57 0.00	31.37 -0.48 0.00	34.44 -0.52 0.00	35.58 -0.54 0.00	38.24 -0.62 0.00	40.49 -0.70 0.00	41.34 -0.63 0.00	42.96 -0.70 0.00	39.79 -0.85 0.00	44.49 -1.28 0.00	49.57 -1.69 0.00	48.92 -1.51 0.00	45.11 -1.16 0.00	41.12 -0.97 0.00	36.88 -0.83 0.00	33.24 -0.78 0.00	29.14 -0.84 0.00

QUAKERRD_115KV_BK1 80622	28.93 -0.59 0.00	25.09 -0.75 0.00	23.12 -0.83 -0.11	20.59 -0.83 -0.22	20.29 -0.79 -0.19	21.60 -0.78 -0.09	24.25 -0.70 0.00	26.10 -0.95 0.00	30.65 -1.24 -0.05	33.95 -1.01 0.00	35.18 -0.94 0.00	37.96 -0.89 0.00	40.16 -1.03 0.00	40.84 -1.13 0.00	41.83 -1.83 -0.01	40.72 -1.59 -1.66	45.97 -1.74 -1.94	51.69 -1.64 -2.07	49.36 -1.77 -0.69	45.11 -1.48 -0.32	41.03 -1.05 0.00	37.11 -0.60 0.00	33.41 -0.61 0.00	29.68 -0.30 0.00
QUEENSBRY_115KV_TB8 356137	32.21 2.69 0.00	28.14 2.30 0.00	27.33 2.12 -1.37	25.59 1.80 -2.59	24.99 1.80 -2.30	25.39 1.98 -1.12	27.27 2.32 0.00	29.67 2.65 0.03	36.24 3.12 -1.27	37.86 3.43 0.53	39.87 3.76 0.00	42.90 4.04 0.00	45.43 4.24 0.00	46.38 4.41 0.00	48.04 4.45 0.08	65.28 4.06 -20.57	109.09 4.85 -58.47	119.90 5.48 -63.15	77.39 5.25 -21.71	61.33 4.90 -10.16	46.71 4.63 0.00	41.59 3.88 0.00	37.38 3.40 0.04	32.98 3.00 0.00
RAMAPO___LBMP 323565	31.27 1.74 0.00	27.47 1.63 0.00	26.34 1.53 -0.98	24.35 1.31 -1.84	23.83 1.30 -1.64	24.49 1.40 -0.80	26.57 1.62 0.00	29.04 1.97 -0.02	34.78 2.26 -0.68	37.32 2.41 0.05	38.65 2.53 0.00	41.58 2.72 0.00	44.20 3.01 0.00	45.08 3.11 0.00	47.35 3.45 -0.24	60.10 3.37 -16.07	69.60 3.89 -19.94	76.42 4.25 -20.90	61.04 4.14 -6.47	52.57 3.42 -2.88	45.03 2.95 0.00	40.16 2.45 0.00	36.33 2.28 -0.03	31.96 1.98 0.00
RANKINE____ 23646	29.82 0.30 0.00	25.76 -0.08 0.00	23.16 -0.83 -0.16	20.55 -0.95 -0.30	20.28 -0.88 -0.27	21.68 -0.74 -0.13	24.93 -0.02 0.00	26.45 -0.60 0.00	30.84 -1.08 -0.07	34.33 -0.63 0.00	35.61 -0.51 0.00	38.51 -0.35 0.00	40.53 -0.66 0.00	41.22 -0.76 0.00	41.66 -2.01 -0.01	41.07 -1.91 -2.34	47.72 -0.96 -2.91	53.87 -0.51 -3.12	50.72 -0.76 -1.04	45.96 -0.79 -0.48	41.58 -0.51 0.00	37.90 0.19 0.00	34.22 0.20 0.00	30.76 0.78 0.00
RAVENSWOOD_GT2_1 24244	31.86 2.33 0.00	27.93 2.09 0.00	26.82 1.95 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.64 2.57 -0.02	35.60 3.03 -0.73	39.07 3.21 -0.89	39.15 3.03 0.00	42.39 3.54 0.00	45.02 3.83 0.00	45.92 3.94 0.00	48.25 4.32 -0.26	61.88 4.19 -17.04	71.77 4.85 -21.15	78.74 5.33 -22.15	62.46 5.20 -6.83	53.60 4.30 -3.03	45.75 3.66 0.00	40.88 3.17 0.00	37.15 3.10 -0.04	32.62 2.64 0.00
RAVENSWOOD_GT2_2 24245	31.86 2.33 0.00	27.93 2.09 0.00	26.82 1.95 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.64 2.57 -0.02	35.60 3.03 -0.73	39.07 3.21 -0.89	39.15 3.03 0.00	42.39 3.54 0.00	45.02 3.83 0.00	45.92 3.94 0.00	48.25 4.32 -0.26	61.88 4.19 -17.04	71.77 4.85 -21.15	78.74 5.33 -22.15	62.46 5.20 -6.83	53.60 4.30 -3.03	45.75 3.66 0.00	40.88 3.17 0.00	37.15 3.10 -0.04	32.62 2.64 0.00
RAVENSWOOD_GT2_3 24246	31.89 2.36 0.00	27.93 2.09 0.00	26.82 1.95 -1.03	24.81 1.67 -1.94	24.27 1.65 -1.73	24.89 1.76 -0.84	27.00 2.05 0.00	29.67 2.60 -0.02	35.63 3.06 -0.73	39.11 3.25 -0.89	39.19 3.07 0.00	42.43 3.57 0.00	45.06 3.87 0.00	45.96 3.99 0.00	48.29 4.37 -0.26	61.92 4.23 -17.04	71.82 4.90 -21.15	78.79 5.38 -22.15	62.51 5.25 -6.83	53.65 4.35 -3.03	45.75 3.66 0.00	40.91 3.20 0.00	37.19 3.13 -0.04	32.65 2.67 0.00
RAVENSWOOD_GT2_4 24247	31.89 2.36 0.00	27.93 2.09 0.00	26.82 1.95 -1.03	24.81 1.67 -1.94	24.27 1.65 -1.73	24.89 1.76 -0.84	27.00 2.05 0.00	29.67 2.60 -0.02	35.63 3.06 -0.73	39.11 3.25 -0.89	39.19 3.07 0.00	42.43 3.57 0.00	45.06 3.87 0.00	45.96 3.99 0.00	48.29 4.37 -0.26	61.92 4.23 -17.04	71.82 4.90 -21.15	78.79 5.38 -22.15	62.51 5.25 -6.83	53.65 4.35 -3.03	45.75 3.66 0.00	40.91 3.20 0.00	37.19 3.13 -0.04	32.65 2.67 0.00
RAVENSWOOD_GT3_1 24248	31.86 2.33 0.00	27.93 2.09 0.00	26.82 1.95 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.64 2.57 -0.02	35.60 3.03 -0.73	39.11 3.25 -0.89	39.15 3.03 0.00	42.39 3.54 0.00	45.02 3.83 0.00	45.92 3.94 0.00	48.25 4.32 -0.26	61.88 4.19 -17.04	71.77 4.85 -21.15	78.79 5.38 -22.15	62.46 5.20 -6.83	53.60 4.30 -3.03	45.75 3.66 0.00	40.91 3.20 0.00	37.19 3.13 -0.04	32.62 2.64 0.00
RAVENSWOOD_GT3_2 24249	31.86 2.33 0.00	27.93 2.09 0.00	26.82 1.95 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.64 2.57 -0.02	35.60 3.03 -0.73	39.11 3.25 -0.89	39.15 3.03 0.00	42.39 3.54 0.00	45.02 3.83 0.00	45.92 3.94 0.00	48.25 4.32 -0.26	61.88 4.19 -17.04	71.77 4.85 -21.15	78.79 5.38 -22.15	62.46 5.20 -6.83	53.60 4.30 -3.03	45.75 3.66 0.00	40.91 3.20 0.00	37.19 3.13 -0.04	32.62 2.64 0.00
RAVENSWOOD_GT3_3 24250	31.92 2.39 0.00	27.93 2.09 0.00	26.84 1.98 -1.03	24.83 1.70 -1.94	24.29 1.67 -1.73	24.91 1.78 -0.84	27.02 2.07 0.00	29.69 2.62 -0.02	35.66 3.09 -0.73	39.18 3.32 -0.89	39.44 3.32 0.00	42.47 3.61 0.00	45.14 3.95 0.00	46.04 4.07 0.00	48.38 4.45 -0.26	62.00 4.31 -17.05	71.96 5.03 -21.15	78.95 5.54 -22.15	62.56 5.30 -6.83	53.74 4.44 -3.03	45.87 3.79 0.00	40.95 3.24 0.00	37.19 3.13 -0.04	32.68 2.70 0.00
RAVENSWOOD_GT3_4 24251	31.91 2.39 0.00	27.96 2.12 0.00	26.84 1.98 -1.03	24.83 1.70 -1.94	24.29 1.67 -1.73	24.91 1.78 -0.84	27.02 2.07 0.00	29.69 2.62 -0.02	35.66 3.09 -0.73	39.18 3.32 -0.89	39.23 3.11 0.00	42.47 3.61 0.00	45.14 3.95 0.00	46.00 4.03 0.00	48.38 4.46 -0.26	62.00 4.31 -17.04	71.91 4.99 -21.15	78.90 5.49 -22.15	62.56 5.29 -6.83	53.74 4.44 -3.03	45.83 3.74 0.00	40.99 3.28 0.00	37.26 3.20 -0.04	32.68 2.70 0.00
RAVENSWOOD_GT_1 23729	32.01 2.48 0.00	28.03 2.20 0.00	26.91 2.05 -1.03	24.88 1.74 -1.94	24.33 1.71 -1.73	24.93 1.80 -0.84	27.07 2.12 0.00	29.78 2.70 -0.03	36.10 3.18 -1.08	41.41 3.43 -3.02	39.30 3.18 0.00	42.55 3.69 0.00	45.11 3.92 -0.01	45.97 3.99 -0.01	49.86 4.37 -1.83	65.58 4.19 -20.75	81.42 4.85 -30.80	79.32 5.33 -22.73	61.82 5.20 -6.18	57.74 4.21 -7.26	45.71 3.62 0.00	41.07 3.36 -0.01	38.39 3.30 -1.07	32.81 2.82 -0.01
RAVENSWOOD_GT_10 24258	31.86 2.33 0.00	27.88 2.04 0.00	26.79 1.93 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.64 2.57 -0.02	35.57 3.03 -0.70	38.92 3.25 -0.70	39.37 3.25 0.00	42.39 3.54 0.00	45.06 3.87 0.00	45.92 3.95 0.00	48.29 4.37 -0.26	61.92 4.23 -17.05	71.82 4.90 -21.15	78.79 5.38 -22.15	62.46 5.19 -6.83	53.65 4.35 -3.03	45.75 3.66 0.00	40.88 3.17 0.00	37.12 3.06 -0.04	32.62 2.64 0.00
RAVENSWOOD_GT_11 24259	31.86 2.33 0.00	27.93 2.09 0.00	26.79 1.93 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.64 2.57 -0.02	35.57 3.03 -0.70	38.88 3.21 -0.70	39.15 3.03 0.00	42.39 3.54 0.00	45.02 3.83 0.00	45.92 3.94 0.00	48.25 4.32 -0.26	61.92 4.23 -17.04	71.77 4.85 -21.15	78.79 5.38 -22.15	62.46 5.20 -6.83	53.60 4.30 -3.03	45.75 3.66 0.00	40.88 3.17 0.00	37.15 3.10 -0.04	32.62 2.64 0.00

RAVENSWOOD_GT_4 24252	31.86 2.33 0.00	27.88 2.04 0.00	26.79 1.93 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	26.97 2.02 0.00	29.63 2.57 -0.02	35.39 3.03 -0.53	37.86 3.25 0.35	39.37 3.25 0.00	42.36 3.50 0.00	45.07 3.87 -0.01	45.97 3.99 -0.01	49.48 4.37 -1.46	64.74 4.23 -19.86	79.21 4.94 -28.50	79.29 5.43 -22.59	62.02 5.25 -6.34	56.92 4.40 -6.25	45.79 3.70 0.00	40.85 3.13 -0.01	37.86 3.03 -0.81	32.61 2.64 0.01
RAVENSWOOD_GT_5 24254	31.86 2.33 0.00	27.88 2.04 0.00	26.79 1.93 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	26.97 2.02 0.00	29.63 2.57 -0.02	35.39 3.03 -0.53	37.86 3.25 0.35	39.37 3.25 0.00	42.36 3.50 0.00	45.07 3.87 -0.01	45.97 3.99 -0.01	49.48 4.37 -1.46	64.74 4.23 -19.86	79.21 4.94 -28.50	79.29 5.43 -22.59	62.02 5.25 -6.34	56.92 4.40 -6.25	45.79 3.70 0.00	40.85 3.13 -0.01	37.86 3.03 -0.81	32.61 2.64 0.01
RAVENSWOOD_GT_6 24253	31.86 2.33 0.00	27.88 2.04 0.00	26.79 1.93 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	26.97 2.02 0.00	29.63 2.57 -0.02	35.39 3.03 -0.53	37.86 3.25 0.35	39.37 3.25 0.00	42.36 3.50 0.00	45.07 3.87 -0.01	45.97 3.99 -0.01	49.48 4.37 -1.46	64.74 4.23 -19.86	79.21 4.94 -28.50	79.29 5.43 -22.59	62.02 5.25 -6.34	56.92 4.40 -6.25	45.79 3.70 0.00	40.85 3.13 -0.01	37.86 3.03 -0.81	32.61 2.64 0.01
RAVENSWOOD_GT_7 24255	31.86 2.33 0.00	27.88 2.04 0.00	26.79 1.93 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	26.97 2.02 0.00	29.63 2.57 -0.02	35.39 3.03 -0.53	37.86 3.25 0.35	39.37 3.25 0.00	42.36 3.50 0.00	45.07 3.87 -0.01	45.97 3.99 -0.01	49.48 4.37 -1.46	64.74 4.23 -19.86	79.21 4.94 -28.50	79.29 5.43 -22.59	62.02 5.25 -6.34	56.92 4.40 -6.25	45.79 3.70 0.00	40.85 3.13 -0.01	37.86 3.03 -0.81	32.61 2.64 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.86 2.33 0.00	27.88 2.04 0.00	26.79 1.93 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.64 2.57 -0.02	35.57 3.03 -0.70	38.92 3.25 -0.70	39.37 3.25 0.00	42.39 3.54 0.00	45.06 3.87 0.00	45.92 3.95 0.00	48.29 4.37 -0.26	61.92 4.23 -17.05	71.82 4.90 -21.15	78.79 5.38 -22.15	62.46 5.19 -6.83	53.65 4.35 -3.03	45.75 3.66 0.00	40.88 3.17 0.00	37.12 3.06 -0.04	32.62 2.64 0.00
RAVENSWOOD_GT_9 24257	31.86 2.33 0.00	27.93 2.09 0.00	26.79 1.93 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.64 2.57 -0.02	35.57 3.03 -0.70	38.88 3.21 -0.70	39.15 3.03 0.00	42.39 3.54 0.00	45.02 3.83 0.00	45.92 3.94 0.00	48.25 4.32 -0.26	61.92 4.23 -17.04	71.77 4.85 -21.15	78.79 5.38 -22.15	62.46 5.20 -6.83	53.60 4.30 -3.03	45.75 3.66 0.00	40.88 3.17 0.00	37.15 3.10 -0.04	32.62 2.64 0.00
RAVENSWOOD___1 23533	32.00 2.48 0.00	28.01 2.17 0.00	26.89 2.02 -1.03	24.85 1.72 -1.94	24.31 1.69 -1.73	24.91 1.78 -0.84	27.05 2.10 0.00	29.76 2.68 -0.03	36.03 3.15 -1.03	41.12 3.39 -2.76	39.26 3.14 0.00	42.51 3.65 0.00	45.06 3.87 0.00	45.92 3.94 0.00	48.29 4.37 -0.26	61.84 4.15 -17.04	71.77 4.85 -21.15	78.69 5.28 -22.15	57.34 5.15 -1.76	53.50 4.21 -3.02	45.71 3.62 0.00	41.03 3.32 0.00	37.33 3.27 -0.05	32.78 2.79 -0.01
RAVENSWOOD___2 23534	31.91 2.39 0.00	27.96 2.12 0.00	26.84 1.98 -1.03	24.81 1.67 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.70 2.62 -0.03	35.96 3.09 -1.03	41.00 3.29 -2.76	39.19 3.07 0.00	42.43 3.57 0.00	44.82 3.63 0.00	45.67 3.69 0.00	47.98 4.06 -0.26	61.51 3.82 -17.04	71.36 4.44 -21.15	78.28 4.87 -22.15	56.81 4.69 -1.68	53.18 3.89 -3.02	45.58 3.49 0.00	41.03 3.32 0.00	37.33 3.27 -0.05	32.78 2.79 -0.01
RAVENSWOOD___3 23535	31.86 2.33 0.00	27.93 2.09 0.00	26.82 1.95 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.87 1.74 -0.84	27.00 2.05 0.00	29.64 2.57 -0.02	35.60 3.03 -0.73	39.11 3.25 -0.89	39.15 3.03 0.00	42.39 3.54 0.00	45.02 3.83 0.00	45.92 3.94 0.00	48.25 4.32 -0.26	61.92 4.23 -17.04	71.77 4.85 -21.15	78.79 5.38 -22.15	62.46 5.20 -6.83	53.60 4.30 -3.03	45.75 3.66 0.00	40.91 3.20 0.00	37.19 3.13 -0.04	32.65 2.67 0.00
RAVENSWOOD___4 23820	31.97 2.45 0.00	27.98 2.14 0.00	26.89 2.02 -1.03	24.83 1.70 -1.94	24.29 1.67 -1.73	24.89 1.76 -0.84	27.02 2.07 0.00	29.73 2.65 -0.03	35.96 3.12 -0.99	40.82 3.36 -2.51	39.26 3.14 0.00	42.47 3.61 0.00	45.05 3.87 0.01	45.91 3.94 0.01	46.70 4.32 1.28	58.15 4.10 -13.40	62.23 4.80 -11.65	78.12 5.28 -21.58	52.84 5.09 2.68	49.28 4.17 1.15	45.66 3.58 0.00	41.02 3.32 0.01	36.33 3.27 0.96	32.75 2.76 -0.01
RCPL_TRUST___DRP 24196	31.86 2.33 0.00	27.88 2.04 0.00	26.82 1.95 -1.03	24.81 1.67 -1.94	24.27 1.65 -1.73	24.89 1.76 -0.84	27.02 2.07 0.00	29.67 2.60 -0.02	35.66 3.09 -0.73	39.18 3.32 -0.89	39.48 3.36 0.00	42.51 3.65 0.00	45.19 4.00 0.00	46.09 4.11 0.00	48.42 4.50 -0.26	62.04 4.35 -17.04	71.96 5.03 -21.15	78.95 5.54 -22.15	62.61 5.35 -6.83	53.74 4.44 -3.03	45.87 3.79 0.00	40.88 3.17 0.00	37.12 3.06 -0.04	32.62 2.64 0.00
RED___ROCHESTER 323720	29.97 0.44 0.00	25.84 0.00 0.00	23.83 -0.12 -0.12	21.19 -0.23 -0.22	20.88 -0.21 -0.20	22.25 -0.13 -0.10	25.08 0.13 0.00	26.91 -0.13 0.00	31.80 -0.10 -0.05	35.14 0.18 0.00	36.66 0.54 0.00	39.21 0.35 0.00	41.52 0.33 0.00	42.23 0.25 0.00	43.14 -0.52 -0.01	41.95 -0.41 -1.71	47.52 -0.27 -2.02	53.32 -0.10 -2.16	51.00 -0.15 -0.72	46.60 0.00 -0.33	42.42 0.34 0.00	38.42 0.71 0.00	34.53 0.51 0.00	30.85 0.87 0.00
REGAN___SOLAR 323812	33.07 3.54 0.00	28.84 3.00 0.00	28.11 2.72 -1.56	26.48 2.33 -2.95	25.84 2.32 -2.63	26.15 2.58 -1.28	28.07 3.12 0.00	30.43 3.41 0.02	37.07 3.95 -1.28	38.77 4.16 0.35	40.49 4.37 0.00	44.26 5.40 0.00	46.67 5.48 0.00	47.55 5.58 0.00	48.63 4.98 0.01	69.05 4.79 -23.61	107.31 5.63 -55.91	118.26 6.77 -60.23	77.67 6.71 -20.53	62.26 6.43 -9.57	48.15 6.06 0.00	42.76 5.05 0.00	38.28 4.29 0.03	33.91 3.93 0.00
RENSSELAER___COGEN 23796	30.41 0.88 0.00	26.69 0.85 0.00	25.99 0.83 -1.32	24.43 0.74 -2.48	23.83 0.73 -2.21	24.14 0.78 -1.08	25.80 0.85 0.00	27.91 0.89 0.03	33.61 1.05 -0.71	35.53 1.05 0.48	37.13 1.01 0.00	39.99 1.13 0.00	42.26 1.07 0.00	43.11 1.13 0.00	44.80 1.27 0.12	59.94 1.22 -18.08	83.14 1.33 -36.05	91.81 1.43 -39.12	65.50 1.41 -13.65	53.99 1.29 -6.43	43.18 1.09 0.00	38.65 0.94 0.00	35.00 1.02 0.04	30.85 0.87 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.07 4.55 0.00	29.66 3.82 0.00	28.71 3.50 -1.37	26.77 2.99 -2.59	26.16 2.97 -2.30	26.73 3.32 -1.12	28.87 3.92 0.00	31.56 4.54 0.03	38.52 5.41 -1.26	40.34 5.91 0.53	42.73 6.61 0.00	46.12 7.27 0.00	48.69 7.50 0.00	49.78 7.81 0.00	51.26 7.68 0.08	68.02 6.87 -20.51	112.10 8.15 -58.18	123.04 8.92 -62.86	80.52 8.47 -21.62	64.39 8.00 -10.12	49.70 7.62 0.00	44.35 6.64 0.00	39.79 5.82 0.05	35.08 5.10 0.00

REVERE_CPPR_DRP 24186	30.71 1.18 0.00	26.80 0.96 0.00	24.65 0.76 -0.05	21.93 0.64 -0.09	21.60 0.63 -0.08	23.02 0.69 -0.04	25.78 0.82 0.00	27.91 0.87 0.00	32.89 1.05 0.00	36.18 1.22 0.00	37.67 1.55 0.00	40.57 1.71 0.00	42.84 1.65 0.00	43.73 1.76 0.00	45.19 1.53 0.00	42.47 1.18 -0.64	47.28 1.51 0.00	53.16 1.90 0.00	52.35 1.92 0.00	48.21 1.94 0.00	43.98 1.89 0.00	39.37 1.66 0.00	35.31 1.29 0.00	31.06 1.08 0.00
REYNOLDS_115KV_TB3 80639	30.62 1.09 0.00	26.87 1.03 0.00	26.15 1.00 -1.32	24.58 0.89 -2.49	23.98 0.88 -2.21	24.32 0.96 -1.08	26.00 1.05 0.00	28.10 1.08 0.03	33.88 1.31 -0.73	35.70 1.33 0.59	37.49 1.37 0.00	40.26 1.40 0.00	42.67 1.48 0.00	43.48 1.51 0.00	45.20 1.70 0.16	60.20 1.63 -17.92	85.94 1.83 -38.34	94.98 2.05 -41.67	67.02 1.97 -14.62	54.93 1.76 -6.90	43.60 1.52 0.00	39.03 1.32 0.00	35.26 1.29 0.05	31.12 1.14 0.00
RIVERBAY____ 323610	32.48 2.95 -0.01	28.38 2.53 -0.01	27.28 2.41 -1.04	25.18 2.04 -1.95	24.63 2.01 -1.73	25.20 2.07 -0.84	27.37 2.42 0.00	30.05 2.98 -0.03	35.97 3.41 -0.72	39.52 3.67 -0.88	40.02 3.90 0.00	43.09 4.24 0.00	45.72 4.53 0.00	46.59 4.62 0.00	48.68 4.76 -0.26	62.29 4.59 -17.05	72.41 5.49 -21.15	79.51 6.10 -22.15	63.00 5.75 -6.82	54.38 5.09 -3.02	46.08 4.00 0.00	41.41 3.70 0.00	37.60 3.54 -0.05	33.20 3.21 -0.01
RIVERSDE_115KV_TB3 55908	30.56 1.03 0.00	26.82 0.98 0.00	26.11 0.95 -1.32	24.54 0.85 -2.50	23.95 0.84 -2.22	24.28 0.91 -1.08	25.92 0.97 0.00	28.07 1.05 0.03	33.88 1.27 -0.77	35.72 1.29 0.54	37.49 1.37 0.00	40.26 1.40 0.00	42.63 1.44 0.00	43.44 1.47 0.00	45.18 1.66 0.14	60.39 1.54 -18.20	86.46 1.74 -38.96	95.50 1.95 -42.29	67.07 1.87 -14.77	54.89 1.67 -6.96	43.56 1.47 0.00	38.95 1.24 0.00	35.23 1.26 0.04	31.09 1.11 0.00
ROARING__BROOK_WT_PWR 323790	29.49 -0.03 0.00	25.81 -0.03 0.00	23.81 -0.02 0.00	21.16 -0.04 0.00	20.81 -0.08 0.00	22.18 -0.11 0.00	24.75 -0.20 0.00	26.78 -0.27 0.00	31.56 -0.29 0.00	34.65 -0.32 0.00	35.76 -0.36 0.00	38.43 -0.43 0.00	40.70 -0.49 0.00	41.38 -0.59 0.00	43.09 -0.57 0.00	40.16 -0.49 0.00	45.27 -0.50 0.00	50.59 -0.67 0.00	49.68 -0.76 0.00	45.44 -0.83 0.00	41.12 -0.97 0.00	36.65 -1.06 0.00	32.97 -1.05 0.00	28.99 -0.99 0.00
ROCHESRG_115KV_T4 355643	29.58 0.06 0.00	25.63 -0.21 0.00	23.55 -0.41 -0.12	20.95 -0.47 -0.22	20.67 -0.42 -0.20	22.00 -0.38 -0.10	24.80 -0.15 0.00	26.56 -0.49 0.00	31.16 -0.73 -0.05	34.54 -0.42 0.00	35.79 -0.33 0.00	38.66 -0.19 0.00	40.82 -0.37 0.00	41.51 -0.46 0.00	42.40 -1.27 -0.01	41.37 -0.98 -1.70	46.81 -0.96 -2.00	52.68 -0.72 -2.14	50.29 -0.86 -0.71	45.90 -0.69 -0.33	41.79 -0.29 0.00	37.86 0.15 0.00	34.12 0.10 0.00	30.40 0.42 0.00
ROCHESTER_9_IC 23652	29.82 0.30 0.00	25.81 -0.03 0.00	23.69 -0.26 -0.12	21.08 -0.34 -0.22	20.80 -0.29 -0.20	22.14 -0.25 -0.10	24.95 0.00 0.00	26.75 -0.30 0.00	31.39 -0.51 -0.05	34.82 -0.14 0.00	36.08 -0.04 0.00	38.97 0.12 0.00	41.19 0.00 0.00	41.89 -0.08 0.00	42.79 -0.87 -0.01	41.71 -0.65 -1.71	47.15 -0.64 -2.02	53.06 -0.36 -2.16	50.65 -0.50 -0.72	46.28 -0.32 -0.33	42.13 0.04 0.00	38.20 0.49 0.00	34.40 0.37 0.00	30.64 0.66 0.00
ROCKVIEW_13_KV_LD 356306	31.83 2.30 0.00	27.85 2.02 0.00	26.77 1.91 -1.03	24.79 1.65 -1.94	24.25 1.63 -1.73	24.89 1.76 -0.84	27.00 2.05 0.00	29.61 2.54 -0.02	35.57 2.99 -0.73	39.14 3.29 -0.89	39.48 3.36 0.00	42.51 3.65 0.00	45.14 3.95 0.00	46.09 4.11 0.00	48.42 4.50 -0.26	62.04 4.35 -17.05	71.96 5.03 -21.15	78.95 5.54 -22.15	62.71 5.45 -6.83	53.88 4.58 -3.03	46.00 3.91 0.00	41.03 3.32 0.00	37.12 3.06 -0.04	32.62 2.64 0.00
ROME____115KV_TB2 80656	30.71 1.18 0.00	26.80 0.96 0.00	24.65 0.76 -0.05	21.93 0.64 -0.09	21.60 0.63 -0.08	23.02 0.69 -0.04	25.78 0.82 0.00	27.91 0.87 0.00	32.89 1.05 0.00	36.18 1.22 0.00	37.67 1.55 0.00	40.57 1.71 0.00	42.84 1.65 0.00	43.73 1.76 0.00	45.19 1.53 0.00	42.47 1.18 -0.64	47.28 1.51 0.00	53.16 1.90 0.00	52.35 1.92 0.00	48.21 1.94 0.00	43.98 1.89 0.00	39.37 1.66 0.00	35.31 1.29 0.00	31.06 1.08 0.00
ROSETON__1 23587	31.21 1.68 0.00	27.42 1.58 0.00	26.32 1.45 -1.03	24.41 1.27 -1.94	23.87 1.25 -1.73	24.46 1.34 -0.84	26.50 1.55 0.00	28.88 1.81 -0.02	34.65 2.10 -0.70	37.68 2.20 -0.51	38.25 2.13 0.00	41.35 2.49 0.00	43.87 2.68 0.00	44.70 2.73 0.00	46.96 3.06 -0.24	60.46 2.97 -16.84	69.94 3.39 -20.78	76.80 3.74 -21.80	60.83 3.63 -6.76	52.33 3.05 -3.01	44.70 2.61 0.00	39.97 2.26 0.00	36.23 2.18 -0.03	31.84 1.86 0.00
ROSETON__2 23588	31.21 1.68 0.00	27.42 1.58 0.00	26.32 1.45 -1.03	24.41 1.27 -1.94	23.87 1.25 -1.73	24.46 1.34 -0.84	26.50 1.55 0.00	28.88 1.81 -0.02	34.65 2.10 -0.70	37.68 2.20 -0.51	38.25 2.13 0.00	41.35 2.49 0.00	43.87 2.68 0.00	44.70 2.73 0.00	46.96 3.06 -0.24	60.46 2.97 -16.84	69.94 3.39 -20.78	76.80 3.74 -21.80	60.83 3.63 -6.76	52.33 3.05 -3.01	44.70 2.61 0.00	39.97 2.26 0.00	36.23 2.18 -0.03	31.84 1.86 0.00
ROTTTRDAM_115KV_TB3 80664	30.97 1.45 0.00	27.13 1.29 0.00	26.44 1.22 -1.39	24.88 1.06 -2.62	24.29 1.07 -2.33	24.58 1.16 -1.14	26.30 1.35 0.00	28.48 1.46 0.02	35.00 1.72 -1.44	36.37 1.82 0.41	38.07 1.95 0.00	40.92 2.06 0.00	43.41 2.22 0.00	44.24 2.27 0.00	46.04 2.40 0.02	64.52 2.24 -21.64	111.57 2.61 -63.19	122.33 2.97 -68.10	76.54 2.87 -23.23	59.69 2.59 -10.83	44.44 2.36 0.00	39.67 1.96 0.00	35.72 1.74 0.04	31.51 1.53 0.00
RUSSELL__1 23602	30.00 0.47 0.00	25.97 0.13 0.00	23.83 -0.12 -0.12	21.19 -0.23 -0.22	20.90 -0.19 -0.20	22.25 -0.13 -0.10	25.08 0.12 0.00	26.91 -0.14 0.00	31.58 -0.32 -0.05	35.07 0.10 0.00	36.34 0.22 0.00	39.29 0.43 0.00	41.48 0.29 0.00	42.22 0.25 0.00	43.10 -0.57 -0.01	41.95 -0.41 -1.71	47.47 -0.32 -2.02	53.37 -0.05 -2.16	51.00 -0.15 -0.72	46.55 -0.05 -0.33	42.46 0.38 0.00	38.50 0.79 0.00	34.63 0.61 0.00	30.85 0.87 0.00
RUSSELL__2 23532	30.00 0.47 0.00	25.97 0.13 0.00	23.83 -0.12 -0.12	21.19 -0.23 -0.22	20.90 -0.19 -0.20	22.25 -0.13 -0.10	25.08 0.12 0.00	26.91 -0.14 0.00	31.58 -0.32 -0.05	35.07 0.10 0.00	36.34 0.22 0.00	39.29 0.43 0.00	41.48 0.29 0.00	42.22 0.25 0.00	43.10 -0.57 -0.01	41.95 -0.41 -1.71	47.47 -0.32 -2.02	53.37 -0.05 -2.16	51.00 -0.15 -0.72	46.55 -0.05 -0.33	42.46 0.38 0.00	38.50 0.79 0.00	34.63 0.61 0.00	30.85 0.87 0.00
RUSSELL__3 23549	30.00 0.47 0.00	25.97 0.13 0.00	23.83 -0.12 -0.12	21.19 -0.23 -0.22	20.90 -0.19 -0.20	22.25 -0.13 -0.10	25.08 0.12 0.00	26.91 -0.14 0.00	31.58 -0.32 -0.05	35.07 0.10 0.00	36.34 0.22 0.00	39.29 0.43 0.00	41.48 0.29 0.00	42.22 0.25 0.00	43.10 -0.57 -0.01	41.95 -0.41 -1.71	47.47 -0.32 -2.02	53.37 -0.05 -2.16	51.00 -0.15 -0.72	46.55 -0.05 -0.33	42.46 0.38 0.00	38.50 0.79 0.00	34.63 0.61 0.00	30.85 0.87 0.00

RUSSELL___4 23556	30.00 0.47 0.00	25.97 0.13 0.00	23.83 -0.12 -0.12	21.19 -0.23 -0.22	20.90 -0.19 -0.20	22.25 -0.13 -0.10	25.08 0.12 0.00	26.91 -0.14 0.00	31.58 -0.32 -0.05	35.07 0.10 0.00	36.34 0.22 0.00	39.29 0.43 0.00	41.48 0.29 0.00	42.22 0.25 0.00	43.10 -0.57 -0.01	41.95 -0.41 -1.71	47.47 -0.32 -2.02	53.37 -0.05 -2.16	51.00 -0.15 -0.72	46.55 -0.05 -0.33	42.46 0.38 0.00	38.50 0.79 0.00	34.63 0.61 0.00	30.85 0.87 0.00
RUSSELL___STATION 23914	30.00 0.47 0.00	25.97 0.13 0.00	23.83 -0.12 -0.12	21.19 -0.23 -0.22	20.90 -0.19 -0.20	22.25 -0.13 -0.10	25.08 0.12 0.00	26.91 -0.14 0.00	31.58 -0.32 -0.05	35.07 0.10 0.00	36.34 0.22 0.00	39.29 0.43 0.00	41.48 0.29 0.00	42.22 0.25 0.00	43.10 -0.57 -0.01	41.95 -0.41 -1.71	47.47 -0.32 -2.02	53.37 -0.05 -2.16	51.00 -0.15 -0.72	46.55 -0.05 -0.33	42.46 0.38 0.00	38.50 0.79 0.00	34.63 0.61 0.00	30.85 0.87 0.00
S SALMON___HYD 24043	29.32 -0.21 0.00	25.56 -0.28 0.00	23.59 -0.31 -0.07	21.08 -0.25 -0.13	20.74 -0.27 -0.12	22.05 -0.29 -0.06	24.68 -0.27 0.00	26.69 -0.35 0.00	31.49 -0.35 0.00	34.68 -0.28 0.00	35.90 -0.22 0.00	38.55 -0.31 0.00	40.82 -0.37 0.00	41.59 -0.38 0.00	43.09 -0.57 0.00	40.91 -0.65 -0.92	44.95 -0.82 0.00	50.44 -0.82 0.00	49.73 -0.71 0.00	45.76 -0.51 0.00	41.75 -0.34 0.00	37.60 -0.11 0.00	33.89 -0.14 0.00	29.86 -0.12 0.00
S.PERRY___115KV_TB1 80734	30.88 1.36 0.00	26.72 0.88 0.00	24.36 0.36 -0.17	21.68 0.17 -0.31	21.38 0.21 -0.28	22.76 0.33 -0.14	25.70 0.75 0.00	27.40 0.35 0.00	31.92 0.00 -0.08	34.37 -0.59 0.00	35.54 -0.58 0.00	38.28 -0.58 0.00	40.45 -0.74 0.00	41.05 -0.92 0.00	42.05 -1.62 -0.01	42.05 -1.02 -2.41	48.21 -0.60 -3.03	54.20 -0.31 -3.25	51.11 -0.40 -1.08	46.77 0.00 -0.50	42.67 0.59 0.00	38.73 1.02 0.00	34.80 0.78 0.00	31.75 1.77 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.52 0.00 0.00	25.48 -0.36 0.00	23.06 -0.93 -0.15	20.47 -1.02 -0.29	20.21 -0.94 -0.26	21.57 -0.85 -0.13	24.68 -0.27 0.00	26.15 -0.89 0.00	30.48 -1.43 -0.07	33.95 -1.01 0.00	35.18 -0.94 0.00	38.04 -0.82 0.00	40.04 -1.15 0.00	40.71 -1.26 0.00	41.09 -2.58 -0.01	40.65 -2.24 -2.24	46.94 -1.60 -2.77	52.99 -1.23 -2.96	49.96 -1.46 -0.99	45.34 -1.39 -0.46	41.08 -1.01 0.00	37.48 -0.23 0.00	33.88 -0.14 0.00	30.49 0.51 0.00
SAWYER___23_KV_LOAD 55526	29.52 0.00 0.00	25.48 -0.36 0.00	23.06 -0.93 -0.15	20.47 -1.02 -0.29	20.21 -0.94 -0.26	21.57 -0.85 -0.13	24.68 -0.27 0.00	26.15 -0.89 0.00	30.48 -1.43 -0.07	33.95 -1.01 0.00	35.18 -0.94 0.00	38.04 -0.82 0.00	40.04 -1.15 0.00	40.71 -1.26 0.00	41.09 -2.58 -0.01	40.65 -2.24 -2.24	46.94 -1.60 -2.77	52.99 -1.23 -2.96	49.96 -1.46 -0.99	45.34 -1.39 -0.46	41.08 -1.01 0.00	37.48 -0.23 0.00	33.88 -0.14 0.00	30.49 0.51 0.00
SELKIRK___I 23801	30.76 1.24 0.00	27.00 1.16 0.00	26.22 1.10 -1.29	24.61 0.98 -2.44	24.03 0.96 -2.17	24.37 1.03 -1.06	26.08 1.12 0.00	28.19 1.16 0.02	33.85 1.34 -0.67	36.03 1.36 0.30	37.49 1.37 0.00	40.41 1.56 0.00	44.03 2.84 0.00	44.87 2.89 0.00	46.65 3.06 0.06	61.04 2.84 -17.55	80.20 2.93 -31.50	86.82 3.38 -32.17	63.97 1.76 -11.77	53.40 1.62 -5.52	43.56 1.47 0.00	38.95 1.24 0.00	35.39 1.40 0.03	31.18 1.20 0.00
SELKIRK___II 23799	30.53 1.00 0.00	26.80 0.96 0.00	26.05 0.91 -1.31	24.48 0.81 -2.47	23.89 0.79 -2.20	24.23 0.87 -1.07	25.90 0.95 0.00	28.03 1.00 0.02	33.66 1.14 -0.67	35.76 1.15 0.35	37.24 1.12 0.00	40.14 1.28 0.00	42.18 0.99 0.00	42.98 1.01 0.00	44.80 1.22 0.08	60.00 1.14 -18.22	79.58 1.19 -32.63	81.45 1.28 -28.91	64.05 1.36 -12.25	53.22 1.20 -5.75	43.09 1.01 0.00	38.58 0.87 0.00	35.15 1.16 0.03	30.97 0.99 0.00
SENECA OSWGO___HYD 24041	29.08 -0.44 0.00	25.35 -0.49 0.00	23.44 -0.48 -0.08	20.94 -0.40 -0.15	20.63 -0.40 -0.13	21.93 -0.42 -0.06	24.50 -0.45 0.00	26.56 -0.49 0.00	31.24 -0.61 0.00	34.37 -0.59 0.00	35.61 -0.51 0.00	38.28 -0.58 0.00	40.57 -0.62 0.00	41.34 -0.63 0.00	42.79 -0.87 0.00	40.90 -0.77 -1.02	44.95 -0.82 0.00	50.39 -0.87 0.00	49.58 -0.86 0.00	45.58 -0.69 0.00	41.54 -0.55 0.00	37.30 -0.41 0.00	33.61 -0.41 0.00	29.68 -0.30 0.00
SENECA___115KV_TB3 355854	29.85 0.32 0.00	25.79 -0.05 0.00	23.18 -0.81 -0.16	20.59 -0.91 -0.30	20.33 -0.84 -0.27	21.70 -0.71 -0.13	24.95 0.00 0.00	26.48 -0.57 0.00	30.90 -1.02 -0.07	34.40 -0.56 0.00	35.69 -0.43 0.00	38.59 -0.27 0.00	40.61 -0.58 0.00	41.30 -0.67 0.00	41.75 -1.92 -0.01	41.16 -1.83 -2.34	47.81 -0.87 -2.91	53.97 -0.41 -3.12	50.82 -0.66 -1.04	46.01 -0.74 -0.48	41.66 -0.42 0.00	37.97 0.26 0.00	34.29 0.27 0.00	30.82 0.84 0.00
SENECA___ENERGY 23797	29.79 0.27 0.00	25.81 -0.03 0.00	23.79 -0.17 -0.12	21.24 -0.19 -0.23	20.93 -0.17 -0.21	22.28 -0.11 -0.10	25.05 0.10 0.00	27.07 0.03 0.00	31.90 0.00 -0.06	35.07 0.11 0.00	36.48 0.36 0.00	39.17 0.31 0.00	41.48 0.29 0.00	42.18 0.21 0.00	43.45 -0.22 -0.01	42.25 -0.20 -1.80	48.03 0.09 -2.17	53.89 0.31 -2.32	51.51 0.30 -0.77	46.90 0.28 -0.36	42.55 0.46 0.00	38.28 0.57 0.00	34.46 0.44 0.00	30.49 0.51 0.00
SHOEMAKER___GT 23640	31.03 1.50 0.00	27.26 1.42 0.00	26.03 1.29 -0.91	24.02 1.10 -1.72	23.51 1.09 -1.53	24.21 1.18 -0.75	26.32 1.37 0.00	28.66 1.60 -0.02	34.28 1.81 -0.62	36.87 1.82 -0.09	37.89 1.77 0.00	40.88 2.02 0.00	43.41 2.22 0.00	44.28 2.31 0.00	46.45 2.58 -0.21	58.06 2.52 -14.89	67.14 2.89 -18.49	73.84 3.18 -19.40	59.59 3.13 -6.03	51.59 2.64 -2.69	44.36 2.27 0.00	39.71 2.00 0.00	35.92 1.87 -0.03	31.57 1.59 0.00
SHOEMAKR_138KV_BK 111 55601	31.00 1.48 0.00	27.21 1.37 0.00	26.00 1.26 -0.90	24.01 1.10 -1.70	23.50 1.09 -1.52	24.21 1.18 -0.74	26.30 1.35 0.00	28.66 1.60 -0.02	34.27 1.82 -0.61	36.92 1.85 -0.10	38.03 1.91 0.00	40.92 2.06 0.00	43.50 2.31 0.00	44.32 2.35 0.00	46.53 2.66 -0.21	57.96 2.56 -14.75	67.05 2.98 -18.31	73.76 3.28 -19.21	59.59 3.18 -5.98	51.62 2.68 -2.66	44.40 2.31 0.00	39.71 2.00 0.00	35.89 1.84 -0.03	31.54 1.56 0.00
SHOREHAM_IC_1 23715	37.56 3.16 -4.87	36.50 2.84 -7.82	30.20 2.57 -3.79	25.32 2.18 -1.94	24.75 2.13 -1.73	25.42 2.30 -0.84	28.64 2.77 -0.91	33.08 3.19 -2.85	36.11 3.53 -0.73	39.21 3.36 -0.89	38.72 2.60 0.00	42.63 3.77 0.00	70.49 4.65 -24.65	115.96 4.66 -69.33	121.71 4.93 -73.11	129.56 4.71 -84.20	196.13 5.40 -144.96	224.78 6.05 -167.47	244.89 5.70 -188.76	129.18 4.95 -77.96	117.58 4.55 -70.95	67.22 3.77 -25.74	41.21 3.91 -3.28	38.40 3.36 -5.06
SHOREHAM_IC_2 23716	37.56 3.16 -4.87	36.50 2.84 -7.82	30.20 2.57 -3.79	25.32 2.18 -1.94	24.75 2.13 -1.73	25.42 2.30 -0.84	28.64 2.77 -0.91	33.08 3.19 -2.85	36.11 3.53 -0.73	39.21 3.36 -0.89	38.72 2.60 0.00	42.63 3.77 0.00	70.49 4.65 -24.65	115.96 4.66 -69.33	121.71 4.93 -73.11	129.56 4.71 -84.20	196.13 5.40 -144.96	224.78 6.05 -167.47	244.89 5.70 -188.76	129.18 4.95 -77.96	117.58 4.55 -70.95	67.22 3.77 -25.74	41.21 3.91 -3.28	38.40 3.36 -5.06

TRINITY__115KV__4 BK 55933	30.47 0.94 0.00	26.74 0.90 0.00	26.04 0.88 -1.32	24.48 0.78 -2.49	23.88 0.77 -2.22	24.19 0.82 -1.08	25.85 0.90 0.00	27.97 0.95 0.03	33.72 1.15 -0.73	35.67 1.19 0.48	37.35 1.23 0.00	40.10 1.24 0.00	42.47 1.28 0.00	43.27 1.30 0.00	45.02 1.48 0.12	60.21 1.38 -18.18	84.20 1.56 -36.87	93.01 1.74 -40.00	66.05 1.66 -13.95	54.32 1.48 -6.57	43.39 1.30 0.00	38.80 1.09 0.00	35.14 1.16 0.04	31.00 1.02 0.00
UNION__PROCESSING_DRP 323587	29.76 0.24 0.00	25.79 -0.05 0.00	23.67 -0.29 -0.12	21.06 -0.36 -0.22	20.78 -0.31 -0.20	22.12 -0.27 -0.10	24.93 -0.02 0.00	26.72 -0.32 0.00	31.32 -0.57 -0.05	34.75 -0.21 0.00	36.01 -0.11 0.00	38.90 0.04 0.00	41.11 -0.08 0.00	41.80 -0.17 0.00	42.71 -0.96 -0.01	41.64 -0.73 -1.72	47.07 -0.73 -2.03	52.98 -0.46 -2.18	50.55 -0.61 -0.73	46.19 -0.42 -0.33	42.04 -0.04 0.00	38.12 0.41 0.00	34.33 0.31 0.00	30.58 0.60 0.00
UPPER HUDSON__HYD 24058	31.97 2.45 0.00	27.96 2.12 0.00	27.14 1.93 -1.37	25.44 1.65 -2.59	24.85 1.65 -2.30	25.24 1.83 -1.12	27.07 2.12 0.00	29.42 2.41 0.03	35.99 2.87 -1.28	37.55 3.11 0.52	39.44 3.32 0.00	42.55 3.69 0.00	45.06 3.87 0.00	46.00 4.03 0.00	47.60 4.01 0.07	64.97 3.70 -20.62	108.86 4.39 -58.70	119.58 4.92 -63.39	76.96 4.74 -21.78	60.90 4.44 -10.19	46.29 4.21 0.00	41.22 3.51 0.00	37.10 3.13 0.04	32.68 2.70 0.00
UPPER RAQUET__HYD 24056	28.40 -1.12 0.00	24.83 -1.01 0.00	22.98 -0.86 0.00	20.44 -0.76 0.00	20.12 -0.77 0.00	21.42 -0.87 0.00	23.88 -1.07 0.00	25.94 -1.11 0.00	30.70 -1.15 0.00	33.74 -1.22 0.00	34.71 -1.41 0.00	37.26 -1.59 0.00	39.50 -1.69 0.00	40.29 -1.68 0.00	42.09 -1.57 0.00	39.02 -1.63 0.00	43.62 -2.15 0.00	48.65 -2.61 0.00	47.91 -2.52 0.00	44.14 -2.13 0.00	40.23 -1.85 0.00	36.05 -1.66 0.00	32.49 -1.53 0.00	28.51 -1.47 0.00
VALLEY44_115KV_TB2 355964	29.64 0.12 0.00	25.71 -0.13 0.00	22.66 -1.36 -0.18	20.18 -1.36 -0.34	19.90 -1.30 -0.30	21.30 -1.14 -0.15	24.85 -0.10 0.00	26.53 -0.51 0.00	30.91 -1.02 -0.08	34.33 -0.63 0.00	35.58 -0.54 0.00	38.39 -0.47 0.00	40.45 -0.74 0.00	41.17 -0.80 0.00	41.88 -1.79 -0.01	40.94 -2.32 -2.61	48.35 -0.73 -3.31	54.50 -0.31 -3.54	51.06 -0.55 -1.18	46.03 -0.79 -0.55	41.54 -0.55 0.00	37.71 0.00 0.00	34.12 0.10 0.00	30.67 0.69 0.00
VALLEY__115KV_TB 1-4 80826	29.55 0.03 0.00	25.84 0.00 0.00	23.79 -0.05 0.00	21.11 -0.08 0.00	20.79 -0.10 0.00	22.18 -0.11 0.00	24.83 -0.12 0.00	26.86 -0.19 0.00	31.59 -0.25 0.00	34.68 -0.28 0.00	36.08 -0.04 0.00	38.86 0.00 0.00	41.19 0.00 0.00	42.06 0.08 0.00	43.53 -0.13 0.00	40.48 -0.16 0.00	45.59 -0.18 0.00	51.11 -0.15 0.00	50.23 -0.20 0.00	46.13 -0.14 0.00	41.87 -0.21 0.00	37.52 -0.19 0.00	33.82 -0.20 0.00	29.77 -0.21 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.41 1.89 0.00	27.52 1.68 0.00	25.71 1.50 -0.37	23.19 1.29 -0.70	22.79 1.27 -0.62	23.97 1.38 -0.30	26.62 1.67 0.00	28.80 1.76 0.00	34.26 2.07 -0.35	37.30 2.34 0.00	38.50 2.38 0.00	41.46 2.60 0.00	43.78 2.59 0.00	44.66 2.69 0.00	46.45 2.75 -0.04	48.98 2.36 -5.97	62.02 2.75 -13.50	68.94 3.23 -14.45	58.53 3.28 -4.82	51.68 3.19 -2.22	45.03 2.95 0.00	40.27 2.56 0.00	36.20 2.18 0.00	31.90 1.92 0.00
VISCHER__FERRY HYD 24020	30.97 1.45 0.00	27.18 1.34 0.00	26.41 1.24 -1.34	24.81 1.08 -2.53	24.21 1.06 -2.25	24.54 1.16 -1.10	26.30 1.35 0.00	28.41 1.41 0.04	34.46 1.65 -0.96	36.00 1.75 0.71	37.85 1.73 0.00	40.84 1.98 0.00	43.33 2.14 0.00	44.15 2.18 0.00	45.79 2.31 0.18	61.49 2.19 -18.65	97.25 2.52 -48.96	107.24 2.82 -53.16	71.79 2.77 -18.58	57.52 2.50 -8.76	44.31 2.23 0.00	39.63 1.92 0.00	35.70 1.73 0.06	31.48 1.50 0.00
V_A_10_SYNC_DSASP 323832	29.20 -0.32 0.00	25.24 -0.59 0.00	23.13 -0.83 -0.13	20.56 -0.89 -0.25	20.30 -0.81 -0.22	21.64 -0.76 -0.11	24.48 -0.47 0.00	26.05 -1.00 0.00	30.41 -1.50 -0.06	33.81 -1.15 0.00	35.00 -1.12 0.00	37.81 -1.05 0.00	39.87 -1.32 0.00	40.50 -1.47 0.00	41.05 -2.62 -0.01	40.54 -2.03 -1.93	46.17 -1.92 -2.32	52.06 -1.69 -2.49	49.40 -1.87 -0.83	44.98 -1.67 -0.38	40.82 -1.26 0.00	37.18 -0.53 0.00	33.58 -0.44 0.00	30.13 0.15 0.00
V_CMM_10_SYNC_DSASP 323787	28.93 -0.59 0.00	25.32 -0.52 0.00	23.41 -0.43 0.00	20.82 -0.38 0.00	20.52 -0.38 0.00	21.86 -0.42 0.00	24.40 -0.55 0.00	26.48 -0.57 0.00	31.24 -0.61 0.00	34.33 -0.63 0.00	35.36 -0.76 0.00	37.97 -0.89 0.00	40.24 -0.95 0.00	41.05 -0.92 0.00	42.83 -0.83 0.00	39.83 -0.81 0.00	44.63 -1.14 0.00	49.88 -1.38 0.00	49.12 -1.31 0.00	45.11 -1.15 0.00	41.07 -1.01 0.00	36.80 -0.91 0.00	33.20 -0.82 0.00	29.20 -0.78 0.00
V_CMP_10_SYNC_DSASP 323788	30.08 0.56 0.00	26.30 0.47 0.00	24.36 0.52 0.00	21.66 0.47 0.00	21.31 0.42 0.00	22.71 0.42 0.00	25.30 0.35 0.00	27.51 0.46 0.00	32.48 0.64 0.00	35.70 0.74 0.00	36.66 0.54 0.00	39.13 0.27 0.00	41.48 0.29 0.00	42.31 0.33 0.00	44.36 0.70 0.00	41.26 0.61 0.00	46.05 0.28 0.00	51.36 0.10 0.00	50.48 0.05 0.00	46.31 0.05 0.00	42.09 0.00 0.00	37.67 -0.04 0.00	34.02 0.00 0.00	29.86 -0.12 0.00
V_E_10_SYNC_DSASP 323830	32.27 2.75 0.00	28.06 2.22 0.00	25.91 1.79 -0.28	23.26 1.53 -0.53	22.83 1.46 -0.47	24.10 1.58 -0.23	26.97 2.02 0.00	29.13 2.08 0.00	34.35 2.32 -0.19	37.58 2.62 0.00	38.86 2.74 0.00	41.93 3.07 0.00	44.19 3.01 0.00	45.03 3.06 0.00	46.21 2.53 -0.02	47.09 2.15 -4.29	56.04 2.93 -7.34	62.96 3.85 -7.86	57.19 4.14 -2.62	51.87 4.40 -1.21	46.25 4.17 0.00	41.48 3.77 0.00	36.88 2.86 0.00	32.50 2.52 0.00
V_F_30_NSYNC__DSASP 323816	31.68 2.15 0.00	27.75 1.91 0.00	26.94 1.74 -1.37	25.28 1.51 -2.58	24.67 1.48 -2.30	25.03 1.63 -1.12	26.85 1.90 0.00	29.07 2.05 0.03	35.50 2.42 -1.24	37.00 2.59 0.55	38.83 2.71 0.00	41.93 3.07 0.00	44.44 3.25 0.00	45.33 3.36 0.00	46.98 3.41 0.09	64.12 3.13 -20.34	106.93 3.71 -57.45	117.56 4.20 -62.09	75.85 4.04 -21.38	60.03 3.75 -10.01	45.54 3.45 0.00	40.65 2.94 0.00	36.59 2.62 0.05	32.29 2.31 0.00
V_F_30_SYNC_DSASP 323786	30.62 1.09 0.00	26.85 1.01 0.00	26.15 0.98 -1.33	24.56 0.85 -2.52	23.99 0.86 -2.24	24.29 0.91 -1.09	25.82 0.87 0.00	27.97 0.95 0.03	33.70 1.15 -0.71	35.67 1.15 0.45	37.38 1.26 0.00	40.14 1.28 0.00	42.47 1.28 0.00	43.27 1.30 0.00	45.03 1.48 0.11	60.15 1.34 -18.16	82.75 1.51 -35.47	91.42 1.69 -38.47	65.45 1.61 -13.40	54.01 1.43 -6.31	43.35 1.26 0.00	39.03 1.32 0.00	35.31 1.33 0.04	31.15 1.17 0.00
V_XM_10_SYNC_DSASP 323789	30.08 0.56 0.00	26.30 0.47 0.00	24.36 0.52 0.00	21.66 0.47 0.00	21.31 0.42 0.00	22.71 0.42 0.00	25.30 0.35 0.00	27.51 0.46 0.00	32.48 0.64 0.00	35.70 0.74 0.00	36.66 0.54 0.00	39.13 0.27 0.00	41.48 0.29 0.00	42.31 0.33 0.00	44.36 0.70 0.00	41.26 0.61 0.00	46.05 0.28 0.00	51.36 0.10 0.00	50.48 0.05 0.00	46.31 0.05 0.00	42.09 0.00 0.00	37.67 -0.04 0.00	34.02 0.00 0.00	29.86 -0.12 0.00

WESTERN_NY_WIND 24143	30.15 0.62 0.00	25.86 0.03 0.00	23.62 -0.36 -0.14	20.95 -0.51 -0.26	20.66 -0.46 -0.23	22.07 -0.33 -0.11	25.18 0.22 0.00	26.75 -0.30 0.00	31.56 -0.35 -0.06	34.93 -0.03 0.00	36.52 0.40 0.00	38.94 0.08 0.00	41.15 -0.04 0.00	41.80 -0.17 0.00	42.27 -1.40 -0.01	41.35 -1.30 -2.00	47.38 -0.82 -2.44	53.20 -0.67 -2.61	50.70 -0.60 -0.87	46.30 -0.37 -0.40	42.17 0.08 0.00	38.35 0.64 0.00	34.53 0.51 0.00	31.15 1.17 0.00
WESTOVER___LESR 323668	30.06 0.53 0.00	26.23 0.39 0.00	24.23 0.10 -0.30	21.79 0.02 -0.57	21.44 0.04 -0.50	22.64 0.11 -0.25	25.33 0.37 0.00	27.37 0.32 0.00	32.25 0.25 -0.16	35.38 0.42 0.00	36.73 0.61 0.00	39.56 0.70 0.00	41.89 0.70 0.00	42.64 0.67 0.00	44.03 0.35 -0.02	45.37 0.28 -4.44	52.68 0.78 -6.13	58.90 1.08 -6.56	53.63 1.01 -2.19	48.16 0.88 -1.01	42.97 0.88 0.00	38.61 0.91 0.00	34.77 0.75 0.00	30.76 0.78 0.00
WETHRSFD_WT_PWR 323626	29.82 0.30 0.00	25.68 -0.15 0.00	23.35 -0.67 -0.18	20.77 -0.76 -0.34	20.48 -0.71 -0.30	21.85 -0.58 -0.15	24.95 0.00 0.00	26.53 -0.51 0.00	31.26 -0.67 -0.08	34.44 -0.52 0.00	36.08 -0.04 0.00	38.39 -0.46 0.00	40.53 -0.66 0.00	41.17 -0.80 0.00	41.84 -1.83 -0.01	41.58 -1.67 -2.60	48.25 -0.82 -3.30	54.12 -0.67 -3.53	50.91 -0.71 -1.18	46.16 -0.65 -0.54	41.66 -0.42 0.00	37.75 0.04 0.00	34.05 0.03 0.00	30.67 0.69 0.00
WHAVSTOR_138KV_BK127 55557	31.30 1.77 0.00	27.52 1.68 0.00	26.39 1.57 -0.98	24.41 1.36 -1.85	23.90 1.36 -1.65	24.54 1.45 -0.80	26.62 1.67 0.00	29.10 2.03 -0.02	34.85 2.32 -0.69	37.30 2.45 0.11	38.68 2.56 0.00	41.66 2.80 0.00	44.28 3.09 0.00	45.16 3.19 0.00	47.44 3.54 -0.24	60.29 3.46 -16.19	69.84 3.98 -20.09	76.67 4.36 -21.06	61.18 4.24 -6.51	52.68 3.52 -2.90	45.07 2.99 0.00	40.20 2.49 0.00	36.40 2.35 -0.03	31.99 2.01 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.30 1.77 0.00	27.52 1.68 0.00	26.39 1.57 -0.98	24.41 1.36 -1.85	23.90 1.36 -1.65	24.54 1.45 -0.80	26.62 1.67 0.00	29.10 2.03 -0.02	34.85 2.32 -0.69	37.30 2.45 0.11	38.68 2.56 0.00	41.66 2.80 0.00	44.28 3.09 0.00	45.16 3.19 0.00	47.44 3.54 -0.24	60.29 3.46 -16.19	69.84 3.98 -20.09	76.67 4.36 -21.06	61.18 4.24 -6.51	52.68 3.52 -2.90	45.07 2.99 0.00	40.20 2.49 0.00	36.40 2.35 -0.03	31.99 2.01 0.00
WHITEHAL_115KV_TB1 80871	32.86 3.34 0.00	28.66 2.82 0.00	27.80 2.60 -1.37	25.99 2.20 -2.59	25.39 2.19 -2.30	25.86 2.45 -1.12	27.82 2.87 0.00	30.32 3.30 0.03	36.99 3.88 -1.26	38.69 4.27 0.53	40.71 4.59 0.00	43.83 4.97 0.00	46.38 5.19 0.00	47.34 5.37 0.00	49.08 5.50 0.08	66.11 4.96 -20.51	109.90 5.95 -58.18	120.78 6.66 -62.86	78.46 6.41 -21.62	62.40 6.01 -10.12	47.81 5.72 0.00	42.57 4.86 0.00	38.23 4.25 0.05	33.70 3.72 0.00
WHITEPLN_13_KV_LOAD 356215	31.83 2.30 0.00	27.88 2.04 0.00	26.79 1.93 -1.02	24.81 1.67 -1.93	24.26 1.65 -1.72	24.93 1.81 -0.84	27.05 2.10 0.00	29.67 2.60 -0.02	35.63 3.06 -0.73	39.27 3.39 -0.91	39.98 3.86 0.00	43.05 4.20 0.00	45.76 4.57 0.00	46.63 4.66 0.00	48.55 4.63 -0.26	62.16 4.51 -17.00	72.04 5.17 -21.09	79.04 5.69 -22.09	62.84 5.60 -6.81	54.06 4.77 -3.02	46.17 4.08 0.00	41.10 3.39 0.00	37.19 3.13 -0.04	32.65 2.67 0.00
WM_FLOYD_69_KV_BK2 356380	37.74 3.34 -4.87	36.63 2.97 -7.82	30.37 2.74 -3.79	25.47 2.33 -1.94	24.90 2.28 -1.73	25.58 2.45 -0.84	28.81 2.94 -0.91	33.27 3.38 -2.85	36.33 3.76 -0.73	39.32 3.46 -0.89	40.02 3.90 0.00	43.02 4.16 0.00	70.09 4.90 -24.00	114.37 4.91 -67.49	119.16 5.33 -70.17	107.46 4.96 -61.85	189.83 5.68 -138.39	226.69 6.36 -169.07	178.26 5.95 -121.88	125.93 5.18 -74.48	115.23 4.80 -68.35	66.73 3.96 -25.06	41.23 3.95 -3.26	38.65 3.54 -5.13
WOODARD___115KV_TB2 355635	29.35 -0.18 0.00	25.61 -0.23 0.00	23.64 -0.29 -0.09	21.11 -0.25 -0.16	20.81 -0.23 -0.15	22.11 -0.25 -0.07	24.73 -0.22 0.00	26.80 -0.24 0.00	31.49 -0.35 0.00	34.65 -0.31 0.00	35.94 -0.18 0.00	38.74 -0.12 0.00	41.07 -0.12 0.00	41.80 -0.17 0.00	43.22 -0.44 0.00	41.42 -0.37 -1.14	45.40 -0.37 0.00	50.95 -0.31 0.00	50.08 -0.35 0.00	45.99 -0.28 0.00	41.96 -0.13 0.00	37.67 -0.04 0.00	33.92 -0.10 0.00	29.92 -0.06 0.00
YORK___WARBASSE 23770	32.16 2.63 -0.01	28.09 2.25 0.00	27.01 2.15 -1.03	24.94 1.80 -1.94	24.37 1.75 -1.73	24.93 1.81 -0.84	27.07 2.12 0.00	29.86 2.79 -0.03	36.19 3.31 -1.03	41.32 3.60 -2.76	39.66 3.54 0.00	42.78 3.92 0.00	45.45 4.20 -0.06	46.23 4.20 -0.06	59.40 4.67 -11.07	87.61 4.39 -42.57	138.60 5.17 -87.66	83.10 5.69 -26.15	82.95 5.40 -27.12	83.19 4.67 -32.24	46.00 3.91 0.00	41.35 3.58 -0.06	44.57 3.47 -7.08	32.96 2.97 -0.01