

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								11/13/2023		
Generator Data																												
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		EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
24138		32.14	30.83	30.11	30.43	31.21	33.84	46.41	52.11	45.52	36.60	32.85	30.96	31.19	33.96	35.51	38.14	46.05	62.47	52.50	45.95	38.99	36.17	31.12	29.56			
		2.16	2.04	1.76	1.96	2.08	2.51	3.22	4.43	3.31	3.30	2.96	2.81	2.79	2.75	2.61	2.64	3.14	4.07	2.85	2.74	2.73	2.47	2.38	1.99			
		0.00	0.00	0.00	0.00	-0.64	-0.35	-7.39	-3.00	-8.82	-1.84	-1.42	0.00	0.00	-2.80	-4.56	-7.09	-10.16	-17.28	-21.15	-14.72	-7.17	-5.30	-0.35	0.00			
74TH STREET_GT_1		32.14	30.75	30.05	30.06	31.13	33.71	46.23	51.80	45.40	36.41	32.70	30.77	30.96	33.83	35.41	38.10	45.99	62.25	52.63	45.98	38.94	36.16	31.04	29.48			
24260		2.16	1.96	1.70	1.59	1.99	2.39	3.04	4.11	3.07	3.08	2.79	2.62	2.56	2.59	2.44	2.50	2.95	3.86	2.71	2.56	2.59	2.39	2.30	1.90			
		0.00	0.00	0.00	0.00	-0.64	-0.35	-7.39	-3.00	-8.94	-1.86	-1.44	0.00	0.00	-2.83	-4.62	-7.19	-10.30	-17.27	-21.43	-14.92	-7.27	-5.37	-0.36	0.00			
74TH STREET_GT_2		32.14	30.75	30.05	30.06	31.13	33.71	46.23	51.80	45.40	36.41	32.70	30.77	30.96	33.83	35.41	38.10	45.99	62.25	52.63	45.98	38.94	36.16	31.04	29.48			
24261		2.16	1.96	1.70	1.59	1.99	2.39	3.04	4.11	3.07	3.08	2.79	2.62	2.56	2.59	2.44	2.50	2.95	3.86	2.71	2.56	2.59	2.39	2.30	1.90			
		0.00	0.00	0.00	0.00	-0.64	-0.35	-7.39	-3.00	-8.94	-1.86	-1.44	0.00	0.00	-2.83	-4.62	-7.19	-10.30	-17.27	-21.43	-14.92	-7.27	-5.37	-0.36	0.00			
ADK HUDSON___FALLS		31.69	30.46	29.88	29.98	31.17	33.72	48.18	51.83	47.36	36.04	32.15	29.70	30.11	33.84	36.11	39.41	47.99	66.44	58.09	49.47	40.17	36.71	30.49	29.07			
24011		1.71	1.67	1.53	1.51	1.85	2.29	2.83	3.26	2.40	2.17	1.82	1.55	1.70	1.76	1.79	1.70	1.93	2.63	1.88	1.68	1.69	1.36	1.65	1.49			
		0.00	0.00	0.00	0.00	-0.83	-0.45	-9.56	-3.88	-11.56	-2.41	-1.87	0.00	0.00	-3.67	-5.97	-9.30	-13.31	-22.70	-27.72	-19.30	-9.40	-6.94	-0.46	0.00			
ADK RESOURCE___RCVRY		31.87	30.63	30.05	30.32	31.37	34.00	48.58	52.27	47.70	36.33	32.39	29.92	30.40	34.07	36.35	39.67	48.30	66.87	58.45	49.82	40.43	36.90	30.66	29.23			
23798		1.89	1.84	1.70	1.85	2.05	2.57	3.22	3.71	2.70	2.46	2.05	1.77	1.99	1.99	2.01	1.93	2.19	3.04	2.14	1.96	1.92	1.53	1.82	1.65			
		0.00	0.00	0.00	0.00	-0.83	-0.45	-9.56	-3.88	-11.60	-2.42	-1.87	0.00	0.00	-3.68	-5.99	-9.33	-13.36	-22.72	-27.81	-19.36	-9.43	-6.96	-0.46	0.00			
ADK S GLENS___FALLS		31.69	30.46	29.88	29.98	31.17	33.72	48.18	51.83	47.36	36.04	32.15	29.70	30.11	33.84	36.11	39.41	47.99	66.44	58.09	49.47	40.17	36.71	30.49	29.07			
24028		1.71	1.67	1.53	1.51	1.85	2.29	2.83	3.26	2.40	2.17	1.82	1.55	1.70	1.76	1.79	1.70	1.93	2.63	1.88	1.68	1.69	1.36	1.65	1.49			
		0.00	0.00	0.00	0.00	-0.83	-0.45	-9.56	-3.88	-11.56	-2.41	-1.87	0.00	0.00	-3.67	-5.97	-9.30	-13.31	-22.70	-27.72	-19.30	-9.40	-6.94	-0.46	0.00			
ADK_NYS___DAM		31.57	30.31	29.71	29.97	30.83	33.37	47.16	50.85	46.57	35.65	32.01	29.75	30.14	33.67	35.87	39.15	47.65	65.44	57.11	48.94	40.03	36.87	30.59	29.07			
23527		1.59	1.52	1.36	1.51	1.54	1.95	2.11	2.41	1.97	1.86	1.74	1.60	1.73	1.70	1.73	1.73	2.00	2.38	1.74	1.74	1.83	1.73	1.76	1.49			
		0.00	0.00	0.00	0.00	-0.80	-0.44	-9.25	-3.75	-11.21	-2.33	-1.81	0.00	0.00	-3.55	-5.79	-9.01	-12.91	-21.95	-26.88	-18.71	-9.11	-6.73	-0.45	0.00			
AIR_PRODUCTS___DRP		30.61	29.39	28.83	28.92	29.95	32.31	45.96	49.51	45.43	34.64	31.01	28.83	29.15	32.72	34.89	38.19	46.53	64.17	56.08	47.91	38.98	35.85	29.62	28.16			
24190		0.63	0.60	0.48	0.46	0.66	0.90	0.93	1.07	0.87	0.85	0.74	0.68	0.74	0.77	0.77	0.80	0.92	1.11	0.80	0.77	0.81	0.74	0.79	0.58			
		0.00	0.00	0.00	0.00	-0.80	-0.44	-9.24	-3.75	-11.17	-2.33	-1.80	0.00	0.00	-3.54	-5.77	-8.98	-12.87	-21.94	-26.79	-18.65	-9.08	-6.71	-0.45	0.00			
AKWESSNE_115KV_BK		29.68	28.47	28.21	28.38	28.21	30.67	35.48	44.51	33.16	31.15	28.21	28.07	28.29	28.24	28.21	28.24	32.51	40.87	28.18	28.27	28.74	28.18	28.15	27.41			
355683		-0.30	-0.32	-0.14	-0.09	-0.28	-0.31	-0.32	-0.18	-0.23	-0.31	-0.26	-0.08	-0.11	-0.17	-0.14	-0.17	-0.23	-0.25	-0.31	-0.23	-0.35	-0.23	-0.23	-0.17			
		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		30.61	29.39	28.83	28.92	29.95	32.31	45.96	49.51	45.43	34.64	31.01	28.83	29.15	32.72	34.89	38.19	46.53	64.17	56.08	47.91	38.98	35.85	29.62	28.16			
23571		0.63	0.60	0.48	0.46	0.66	0.90	0.93	1.07	0.87	0.85	0.74	0.68	0.74	0.77	0.77	0.80	0.92	1.11	0.80	0.77	0.81	0.74	0.79	0.58			
		0.00	0.00	0.00	0.00	-0.80	-0.44	-9.24	-3.75	-11.17	-2.33	-1.80	0.00	0.00	-3.54	-5.77	-8.98	-12.87	-21.94	-26.79	-18.65	-9.08	-6.71	-0.45	0.00			
ALBANY___2		30.61	29.39	28.83	28.92	29.95	32.31	45.96	49.51	45.43	34.64	31.01	28.83	29.15	32.72	34.89	38.19	46.53	64.17	56.08	47.91	38.98	35.85	29.62	28.16			
23572		0.63	0.60	0.48	0.46	0.66	0.90	0.93	1.07	0.87	0.85	0.74	0.68	0.74	0.77	0.77	0.80	0.92	1.11	0.80	0.77	0.81	0.74	0.79	0.58			
		0.00	0.00	0.00	0.00	-0.80	-0.44	-9.24	-3.75	-11.17	-2.33	-1.80	0.00	0.00	-3.54	-5.77	-8.98	-12.87	-21.94	-26.79	-18.65	-9.08	-6.71	-0.45	0.00			
ALBANY___3		30.61	29.39	28.83	28.92	29.95	32.31	45.96	49.51	45.43	34.64	31.01	28.83	29.15	32.72	34.89	38.19	46.53	64.17	56.08	47.91	38.98	35.85	29.62	28.16			
23573		0.63	0.60	0.48	0.46	0.66	0.90	0.93	1.07	0.87	0.85	0.74	0.68	0.74	0.77	0.77	0.80	0.92	1.11	0.80	0.77	0.81	0.74	0.79	0.58			
		0.00	0.00	0.00	0.00	-0.80	-0.44	-9.24	-3.75	-11.17	-2.33	-1.80	0.00	0.00	-3.54	-5.77	-8.98	-12.87	-21.94	-26.79	-18.65	-9.08	-6.71	-0.45	0.00			

ALBANY___4 23574	30.61 0.63 0.00	29.39 0.60 0.00	28.83 0.48 0.00	28.92 0.46 0.00	29.95 0.66 -0.80	32.31 0.90 -0.44	45.96 0.93 -9.24	49.51 1.07 -3.75	45.43 0.87 -11.17	34.64 0.85 -2.33	31.01 0.74 -1.80	28.83 0.68 0.00	29.15 0.74 0.00	32.72 0.77 -3.54	34.89 0.77 -5.77	38.19 0.80 -8.98	46.53 0.92 -12.87	64.17 1.11 -21.94	56.08 0.80 -26.79	47.91 0.77 -18.65	38.98 0.81 -9.08	35.85 0.74 -6.71	29.62 0.79 -0.45	28.16 0.58 0.00
ALBANY___LFGE 323615	30.91 0.93 0.00	29.71 0.92 0.00	29.14 0.79 0.00	29.38 0.91 0.00	30.27 0.97 -0.81	32.69 1.27 -0.44	46.48 1.36 -9.33	50.08 1.61 -3.78	45.98 1.27 -11.31	35.01 1.20 -2.36	31.35 1.05 -1.83	29.13 0.98 0.00	29.51 1.11 0.00	33.08 1.08 -3.59	35.30 1.10 -5.84	38.64 1.14 -9.10	47.05 1.28 -13.03	64.87 1.60 -22.16	56.76 1.14 -27.13	48.49 1.11 -18.88	39.45 1.16 -9.20	36.25 1.05 -6.79	29.91 1.08 -0.45	28.43 0.86 0.00
ALCOA_PA_115KV_PL-6C 55860	29.89 -0.09 0.00	28.67 -0.12 0.00	28.44 0.09 0.00	28.58 0.11 0.00	28.41 -0.09 0.00	30.92 -0.06 0.00	35.73 -0.07 0.00	45.13 0.45 0.00	33.63 0.23 0.00	31.56 0.09 0.00	28.55 0.09 0.00	28.38 0.23 0.00	28.63 0.23 0.00	28.58 0.17 0.00	28.55 0.20 0.00	28.58 0.17 0.00	32.91 0.16 0.00	41.40 0.29 0.00	28.58 0.09 0.00	28.61 0.11 0.00	29.11 0.03 0.00	28.46 0.06 0.00	28.44 0.06 0.00	27.69 0.11 0.00
ALCOA_RYNLDS___DRP 24188	29.89 -0.09 0.00	28.67 -0.12 0.00	28.44 0.09 0.00	28.58 0.11 0.00	28.41 -0.09 0.00	30.92 -0.06 0.00	35.73 -0.07 0.00	45.13 0.45 0.00	33.63 0.23 0.00	31.56 0.09 0.00	28.55 0.09 0.00	28.38 0.23 0.00	28.63 0.23 0.00	28.58 0.17 0.00	28.55 0.20 0.00	28.58 0.17 0.00	32.91 0.16 0.00	41.40 0.29 0.00	28.58 0.09 0.00	28.61 0.11 0.00	29.11 0.03 0.00	28.46 0.06 0.00	28.44 0.06 0.00	27.69 0.11 0.00
ALCOA___DSASP 323711	29.89 -0.09 0.00	28.67 -0.11 0.00	28.44 0.09 0.00	28.44 -0.03 0.00	28.41 -0.09 0.00	30.92 -0.06 0.00	35.73 -0.07 0.00	45.13 0.45 0.00	33.63 0.24 0.00	31.56 0.09 0.00	28.55 0.09 0.00	28.35 0.20 0.00	28.58 0.17 0.00	28.58 0.17 0.00	28.55 0.20 0.00	28.58 0.17 0.00	32.91 0.16 0.00	41.40 0.29 0.00	28.58 0.09 0.00	28.52 0.03 0.00	29.11 0.03 0.00	28.46 0.06 0.00	28.44 0.06 0.00	27.69 0.11 0.00
ALLEGHENY___COGEN 23514	30.55 0.57 0.00	29.45 0.66 0.00	28.69 0.34 0.00	28.92 0.45 0.00	29.05 0.37 -0.18	31.70 0.62 -0.10	38.65 0.75 -2.10	45.83 0.32 -0.83	36.37 0.47 -2.51	32.36 0.38 -0.52	28.93 0.06 -0.40	27.70 -0.45 0.00	27.70 -0.71 0.00	28.58 -0.63 -0.80	28.97 -0.68 -1.30	30.06 -0.37 -2.02	35.34 -0.23 -2.82	45.66 -0.49 -5.04	34.91 0.40 -6.02	33.17 0.48 -4.19	31.71 0.58 -2.04	29.89 -0.03 -1.51	28.34 -0.14 -0.10	27.36 -0.22 0.00
ALTAMONT_115KV_TB 2 55880	31.00 1.02 0.00	29.77 0.98 0.00	29.20 0.85 0.00	29.29 0.83 0.00	30.29 1.00 -0.80	32.69 1.27 -0.44	46.47 1.43 -9.24	50.13 1.70 -3.75	45.87 1.30 -11.17	35.05 1.26 -2.33	31.38 1.11 -1.80	29.16 1.01 0.00	29.46 1.05 0.00	33.03 1.08 -3.54	35.20 1.08 -5.77	38.50 1.11 -8.98	46.89 1.28 -12.87	64.63 1.56 -21.95	56.42 1.14 -26.79	48.25 1.11 -18.65	39.33 1.16 -9.08	36.19 1.08 -6.71	29.90 1.08 -0.45	28.46 0.88 0.00
ALTONA_WT_PWR 323606	30.70 0.72 0.00	29.42 0.63 0.00	29.14 0.79 0.00	29.15 0.68 0.00	29.06 0.57 0.00	31.69 0.71 0.00	36.66 0.86 0.00	46.03 1.34 0.00	34.30 0.90 0.00	32.19 0.72 0.00	29.12 0.66 0.00	28.94 0.79 0.00	29.14 0.74 0.00	29.06 0.65 0.00	28.95 0.60 0.00	28.86 0.45 0.00	33.17 0.42 0.00	41.73 0.62 0.00	28.75 0.26 0.00	28.70 0.20 0.00	29.35 0.26 0.00	28.63 0.23 0.00	28.46 0.09 0.00	27.63 0.06 0.00
AMERICAN_REF_FUEL 24010	28.03 -1.95 0.00	27.06 -1.73 0.00	26.37 -1.99 0.00	26.47 -1.99 0.00	26.64 -2.02 -0.17	28.93 -2.14 -0.09	35.06 -2.69 -1.95	40.57 -4.83 -0.71	32.76 -2.97 -2.34	29.59 -2.36 -0.49	26.54 -2.30 -0.38	25.53 -2.62 0.00	25.79 -2.61 0.00	26.39 -2.76 -0.74	26.61 -2.95 -1.21	27.64 -2.64 -1.88	31.77 -3.37 -2.40	40.59 -4.93 -4.41	31.59 -2.51 -5.60	30.03 -2.36 -3.90	28.80 -2.18 -1.90	27.14 -2.67 -1.40	25.80 -2.67 -0.09	25.04 -2.54 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.17 -0.81 0.00	28.04 -0.75 0.00	27.22 -1.13 0.00	27.33 -1.14 0.00	27.16 -1.51 -0.18	29.53 -1.55 -0.10	36.05 -1.82 -2.07	42.11 -3.35 -0.77	33.77 -2.10 -2.48	30.44 -1.54 -0.52	27.30 -1.57 -0.40	26.40 -1.75 0.00	26.56 -1.85 0.00	26.84 -2.36 -0.79	27.02 -2.61 -1.28	28.07 -2.33 -1.99	32.67 -2.68 -2.61	42.14 -3.70 -4.72	32.73 -1.71 -5.95	31.04 -1.60 -4.14	29.68 -1.42 -2.02	27.96 -1.93 -1.49	26.41 -2.07 -0.10	25.81 -1.77 0.00
ARTHUR_KILL_GT_1 23520	32.60 2.61 -0.01	31.18 2.39 0.00	30.45 2.10 0.00	30.72 2.25 0.00	31.50 2.36 -0.64	33.84 2.51 -0.35	45.72 2.54 -7.38	51.34 3.67 -2.99	44.91 2.70 -8.81	36.19 2.89 -1.83	32.54 2.65 -1.42	30.65 2.50 0.00	30.88 2.47 0.00	33.65 2.44 -2.80	35.26 2.35 -4.56	37.71 2.22 -7.09	45.58 2.69 -10.15	62.01 3.62 -17.28	52.18 2.54 -21.15	45.58 2.36 -14.72	38.52 2.27 -7.16	36.06 2.36 -5.30	31.14 2.41 -0.35	29.73 2.15 0.00
ARTHUR_KILL_2 23512	32.51 2.52 -0.01	31.09 2.30 0.00	30.36 2.01 0.00	30.63 2.16 0.00	31.41 2.28 -0.64	33.77 2.45 -0.35	45.61 2.44 -7.38	51.17 3.49 -2.99	44.81 2.61 -8.81	36.09 2.80 -1.83	32.45 2.56 -1.42	30.57 2.42 0.00	30.82 2.41 0.00	33.59 2.39 -2.80	35.18 2.27 -4.56	37.63 2.13 -7.09	45.48 2.59 -10.15	61.84 3.45 -17.28	52.06 2.42 -21.15	45.49 2.28 -14.72	38.43 2.18 -7.16	35.98 2.27 -5.30	31.09 2.35 -0.35	29.65 2.07 0.00
ARTHUR_KILL_3 23513	31.84 1.86 0.00	30.43 1.64 0.00	29.74 1.39 0.00	30.06 1.59 0.00	30.84 1.71 -0.64	33.40 2.08 -0.35	45.87 2.69 -7.39	51.39 3.71 -3.00	44.95 2.74 -8.82	36.10 2.80 -1.84	32.45 2.56 -1.42	30.57 2.42 0.00	30.79 2.39 0.00	33.54 2.33 -2.80	35.09 2.18 -4.56	37.69 2.19 -7.09	45.49 2.59 -10.16	61.81 3.41 -17.28	52.04 2.39 -21.15	45.50 2.28 -14.72	38.61 2.35 -7.17	35.81 2.10 -5.30	30.78 2.04 -0.35	29.23 1.65 0.00
ARTHUR_KILL_COGEN 323718	32.60 2.61 -0.01	31.18 2.39 0.00	30.45 2.10 0.00	30.72 2.25 0.00	31.50 2.36 -0.64	33.84 2.51 -0.35	45.72 2.54 -7.38	51.34 3.67 -2.99	44.91 2.70 -8.81	36.19 2.89 -1.83	32.54 2.65 -1.42	30.65 2.50 0.00	30.88 2.47 0.00	33.65 2.44 -2.80	35.26 2.35 -4.56	37.71 2.22 -7.09	45.58 2.69 -10.15	62.01 3.62 -17.28	52.18 2.54 -21.15	45.58 2.36 -14.72	38.52 2.27 -7.16	36.06 2.36 -5.30	31.14 2.41 -0.35	29.73 2.15 0.00
ASHOKAN____ 23654	32.20 2.22 0.00	30.89 2.10 0.00	30.25 1.90 0.00	30.57 2.11 0.00	30.15 0.94 -0.71	33.16 1.80 -0.39	45.57 1.54 -8.23	49.72 1.70 -3.34	45.60 2.17 -10.04	35.28 1.73 -2.09	31.37 1.28 -1.62	29.25 1.10 0.00	29.69 1.28 0.00	33.10 1.50 -3.18	35.12 1.59 -5.18	38.15 1.68 -8.07	46.40 2.10 -11.56	63.73 2.96 -19.66	54.70 2.14 -24.07	47.21 1.96 -16.75	38.99 1.74 -8.16	36.02 1.59 -6.02	30.40 1.62 -0.40	28.98 1.41 0.00

ASTORIA_EAST_ENERGY_CC1 323581	32.02 2.04 0.00	30.63 1.84 0.00	29.88 1.53 0.00	30.17 1.71 0.00	30.96 1.83 -0.64	33.19 1.86 -0.35	45.58 2.40 -7.38	51.17 3.49 -2.99	44.81 2.61 -8.81	35.97 2.67 -1.83	32.33 2.45 -1.42	30.48 2.34 0.01	30.70 2.30 0.01	33.47 2.27 -2.79	35.00 2.10 -4.55	37.63 2.13 -7.09	45.42 2.52 -10.15	61.72 3.33 -17.28	51.98 2.34 -21.15	45.44 2.22 -14.72	38.43 2.18 -7.16	35.68 1.99 -5.29	30.66 1.93 -0.35	29.23 1.65 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.02 2.04 0.00	30.63 1.84 0.00	29.88 1.53 0.00	30.17 1.71 0.00	30.96 1.83 -0.64	33.19 1.86 -0.35	45.58 2.40 -7.38	51.17 3.49 -2.99	44.81 2.61 -8.81	35.97 2.67 -1.83	32.33 2.45 -1.42	30.48 2.34 0.01	30.70 2.30 0.01	33.47 2.27 -2.79	35.00 2.10 -4.55	37.63 2.13 -7.09	45.42 2.52 -10.15	61.72 3.33 -17.28	51.98 2.34 -21.15	45.44 2.22 -14.72	38.43 2.18 -7.16	35.68 1.99 -5.29	30.66 1.93 -0.35	29.23 1.65 0.00
ASTORIA_GT2_1 24094	32.05 2.07 0.00	30.63 1.84 0.00	29.91 1.56 0.00	29.86 1.39 0.00	30.96 1.82 -0.64	33.22 1.89 -0.35	45.62 2.43 -7.39	51.17 3.49 -3.00	44.97 2.64 -8.94	36.00 2.67 -1.86	32.39 2.48 -1.44	30.49 2.34 0.00	30.68 2.27 0.00	33.52 2.27 -2.83	35.09 2.13 -4.62	37.75 2.16 -7.19	45.59 2.55 -10.30	61.76 3.37 -17.27	52.29 2.37 -21.43	45.61 2.19 -14.92	38.53 2.18 -7.27	35.76 1.99 -5.37	30.67 1.93 -0.36	29.26 1.68 0.00
ASTORIA_GT2_2 24095	32.05 2.07 0.00	30.63 1.84 0.00	29.91 1.56 0.00	29.86 1.39 0.00	30.96 1.82 -0.64	33.22 1.89 -0.35	45.62 2.43 -7.39	51.17 3.49 -3.00	44.97 2.64 -8.94	36.00 2.67 -1.86	32.39 2.48 -1.44	30.49 2.34 0.00	30.68 2.27 0.00	33.52 2.27 -2.83	35.09 2.13 -4.62	37.75 2.16 -7.19	45.59 2.55 -10.30	61.76 3.37 -17.27	52.29 2.37 -21.43	45.61 2.19 -14.92	38.53 2.18 -7.27	35.76 1.99 -5.37	30.67 1.93 -0.36	29.26 1.68 0.00
ASTORIA_GT2_3 24096	32.05 2.07 0.00	30.63 1.84 0.00	29.91 1.56 0.00	29.86 1.39 0.00	30.96 1.82 -0.64	33.22 1.89 -0.35	45.62 2.43 -7.39	51.17 3.49 -3.00	44.97 2.64 -8.94	36.00 2.67 -1.86	32.39 2.48 -1.44	30.49 2.34 0.00	30.68 2.27 0.00	33.52 2.27 -2.83	35.09 2.13 -4.62	37.75 2.16 -7.19	45.59 2.55 -10.30	61.76 3.37 -17.27	52.29 2.37 -21.43	45.61 2.19 -14.92	38.53 2.18 -7.27	35.76 1.99 -5.37	30.67 1.93 -0.36	29.26 1.68 0.00
ASTORIA_GT2_4 24097	32.05 2.07 0.00	30.63 1.84 0.00	29.91 1.56 0.00	29.86 1.39 0.00	30.96 1.82 -0.64	33.22 1.89 -0.35	45.62 2.43 -7.39	51.17 3.49 -3.00	44.97 2.64 -8.94	36.00 2.67 -1.86	32.39 2.48 -1.44	30.49 2.34 0.00	30.68 2.27 0.00	33.52 2.27 -2.83	35.09 2.13 -4.62	37.75 2.16 -7.19	45.59 2.55 -10.30	61.76 3.37 -17.27	52.29 2.37 -21.43	45.61 2.19 -14.92	38.53 2.18 -7.27	35.76 1.99 -5.37	30.67 1.93 -0.36	29.26 1.68 0.00
ASTORIA_GT3_1 24098	32.05 2.07 0.00	30.63 1.84 0.00	29.91 1.56 0.00	29.86 1.39 0.00	30.96 1.82 -0.64	33.22 1.89 -0.35	45.62 2.43 -7.39	51.17 3.49 -3.00	44.97 2.64 -8.94	36.00 2.67 -1.86	32.39 2.48 -1.44	30.49 2.34 0.00	30.68 2.27 0.00	33.52 2.27 -2.83	35.09 2.13 -4.62	37.75 2.16 -7.19	45.59 2.55 -10.30	61.76 3.37 -17.27	52.29 2.37 -21.43	45.61 2.19 -14.92	38.53 2.18 -7.27	35.76 1.99 -5.37	30.67 1.93 -0.36	29.26 1.68 0.00
ASTORIA_GT3_2 24099	32.05 2.07 0.00	30.63 1.84 0.00	29.91 1.56 0.00	29.86 1.39 0.00	30.96 1.82 -0.64	33.22 1.89 -0.35	45.62 2.43 -7.39	51.17 3.49 -3.00	44.97 2.64 -8.94	36.00 2.67 -1.86	32.39 2.48 -1.44	30.49 2.34 0.00	30.68 2.27 0.00	33.52 2.27 -2.83	35.09 2.13 -4.62	37.75 2.16 -7.19	45.59 2.55 -10.30	61.76 3.37 -17.27	52.29 2.37 -21.43	45.61 2.19 -14.92	38.53 2.18 -7.27	35.76 1.99 -5.37	30.67 1.93 -0.36	29.26 1.68 0.00
ASTORIA_GT3_3 24100	32.05 2.07 0.00	30.63 1.84 0.00	29.91 1.56 0.00	29.86 1.39 0.00	30.96 1.82 -0.64	33.22 1.89 -0.35	45.62 2.43 -7.39	51.17 3.49 -3.00	44.97 2.64 -8.94	36.00 2.67 -1.86	32.39 2.48 -1.44	30.49 2.34 0.00	30.68 2.27 0.00	33.52 2.27 -2.83	35.09 2.13 -4.62	37.75 2.16 -7.19	45.59 2.55 -10.30	61.76 3.37 -17.27	52.29 2.37 -21.43	45.61 2.19 -14.92	38.53 2.18 -7.27	35.76 1.99 -5.37	30.67 1.93 -0.36	29.26 1.68 0.00
ASTORIA_GT3_4 24101	32.05 2.07 0.00	30.63 1.84 0.00	29.91 1.56 0.00	29.86 1.39 0.00	30.96 1.82 -0.64	33.22 1.89 -0.35	45.62 2.43 -7.39	51.17 3.49 -3.00	44.97 2.64 -8.94	36.00 2.67 -1.86	32.39 2.48 -1.44	30.49 2.34 0.00	30.68 2.27 0.00	33.52 2.27 -2.83	35.09 2.13 -4.62	37.75 2.16 -7.19	45.59 2.55 -10.30	61.76 3.37 -17.27	52.29 2.37 -21.43	45.61 2.19 -14.92	38.53 2.18 -7.27	35.76 1.99 -5.37	30.67 1.93 -0.36	29.26 1.68 0.00
ASTORIA_GT4_1 24102	32.05 2.07 0.00	30.63 1.84 0.00	29.91 1.56 0.00	29.86 1.39 0.00	30.96 1.82 -0.64	33.22 1.89 -0.35	45.62 2.43 -7.39	51.17 3.49 -3.00	44.97 2.64 -8.94	36.00 2.67 -1.86	32.39 2.48 -1.44	30.49 2.34 0.00	30.68 2.27 0.00	33.52 2.27 -2.83	35.09 2.13 -4.62	37.75 2.16 -7.19	45.59 2.55 -10.30	61.76 3.37 -17.27	52.29 2.37 -21.43	45.61 2.19 -14.92	38.53 2.18 -7.27	35.76 1.99 -5.37	30.67 1.93 -0.36	29.26 1.68 0.00
ASTORIA_GT4_2 24103	32.05 2.07 0.00	30.63 1.84 0.00	29.91 1.56 0.00	29.86 1.39 0.00	30.96 1.82 -0.64	33.22 1.89 -0.35	45.62 2.43 -7.39	51.17 3.49 -3.00	44.97 2.64 -8.94	36.00 2.67 -1.86	32.39 2.48 -1.44	30.49 2.34 0.00	30.68 2.27 0.00	33.52 2.27 -2.83	35.09 2.13 -4.62	37.75 2.16 -7.19	45.59 2.55 -10.30	61.76 3.37 -17.27	52.29 2.37 -21.43	45.61 2.19 -14.92	38.53 2.18 -7.27	35.76 1.99 -5.37	30.67 1.93 -0.36	29.26 1.68 0.00
ASTORIA_GT4_3 24104	32.05 2.07 0.00	30.63 1.84 0.00	29.91 1.56 0.00	29.86 1.39 0.00	30.96 1.82 -0.64	33.22 1.89 -0.35	45.62 2.43 -7.39	51.17 3.49 -3.00	44.97 2.64 -8.94	36.00 2.67 -1.86	32.39 2.48 -1.44	30.49 2.34 0.00	30.68 2.27 0.00	33.52 2.27 -2.83	35.09 2.13 -4.62	37.75 2.16 -7.19	45.59 2.55 -10.30	61.76 3.37 -17.27	52.29 2.37 -21.43	45.61 2.19 -14.92	38.53 2.18 -7.27	35.76 1.99 -5.37	30.67 1.93 -0.36	29.26 1.68 0.00
ASTORIA_GT4_4 24105	32.05 2.07 0.00	30.63 1.84 0.00	29.91 1.56 0.00	29.86 1.39 0.00	30.96 1.82 -0.64	33.22 1.89 -0.35	45.62 2.43 -7.39	51.17 3.49 -3.00	44.97 2.64 -8.94	36.00 2.67 -1.86	32.39 2.48 -1.44	30.49 2.34 0.00	30.68 2.27 0.00	33.52 2.27 -2.83	35.09 2.13 -4.62	37.75 2.16 -7.19	45.59 2.55 -10.30	61.76 3.37 -17.27	52.29 2.37 -21.43	45.61 2.19 -14.92	38.53 2.18 -7.27	35.76 1.99 -5.37	30.67 1.93 -0.36	29.26 1.68 0.00
ASTORIA_GT_1 23523	32.08 2.10 0.00	30.69 1.90 0.00	29.94 1.59 0.00	30.23 1.77 0.00	31.01 1.88 -0.64	33.25 1.92 -0.35	45.68 2.50 -7.38	51.25 3.58 -2.99	44.91 2.70 -8.81	36.06 2.77 -1.83	32.42 2.53 -1.42	30.53 2.39 0.01	30.76 2.36 0.01	33.53 2.33 -2.79	35.05 2.15 -4.55	37.71 2.22 -7.09	45.52 2.62 -10.15	61.84 3.45 -17.28	52.06 2.42 -21.15	45.52 2.31 -14.72	38.49 2.24 -7.16	35.74 2.05 -5.29	30.71 1.99 -0.35	29.32 1.74 0.00

ASTORIA_GT_10 24110	32.11 2.13 0.00	30.72 1.93 0.00	30.00 1.64 0.00	29.98 1.51 0.00	31.07 1.94 -0.64	33.50 2.17 -0.35	45.91 2.72 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.22 2.89 -1.86	32.56 2.65 -1.44	30.63 2.48 0.00	30.82 2.41 0.00	33.69 2.44 -2.83	35.26 2.30 -4.62	37.95 2.36 -7.19	45.79 2.75 -10.30	62.04 3.66 -17.27	52.49 2.56 -21.43	45.78 2.37 -14.92	38.73 2.38 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.40 1.82 0.00
ASTORIA_GT_11 24225	32.11 2.13 0.00	30.72 1.93 0.00	30.00 1.64 0.00	29.98 1.51 0.00	31.07 1.94 -0.64	33.50 2.17 -0.35	45.91 2.72 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.22 2.89 -1.86	32.56 2.65 -1.44	30.63 2.48 0.00	30.82 2.41 0.00	33.69 2.44 -2.83	35.26 2.30 -4.62	37.95 2.36 -7.19	45.79 2.75 -10.30	62.04 3.66 -17.27	52.49 2.56 -21.43	45.78 2.37 -14.92	38.73 2.38 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.40 1.82 0.00
ASTORIA_GT_12 24226	32.11 2.13 0.00	30.72 1.93 0.00	30.00 1.64 0.00	29.98 1.51 0.00	31.07 1.94 -0.64	33.50 2.17 -0.35	45.91 2.72 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.22 2.89 -1.86	32.56 2.65 -1.44	30.63 2.48 0.00	30.82 2.41 0.00	33.69 2.44 -2.83	35.26 2.30 -4.62	37.95 2.36 -7.19	45.79 2.75 -10.30	62.04 3.66 -17.27	52.49 2.56 -21.43	45.78 2.37 -14.92	38.73 2.38 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.40 1.82 0.00
ASTORIA_GT_13 24227	32.11 2.13 0.00	30.72 1.93 0.00	30.00 1.64 0.00	29.98 1.51 0.00	31.07 1.94 -0.64	33.50 2.17 -0.35	45.91 2.72 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.22 2.89 -1.86	32.56 2.65 -1.44	30.63 2.48 0.00	30.82 2.41 0.00	33.69 2.44 -2.83	35.26 2.30 -4.62	37.95 2.36 -7.19	45.79 2.75 -10.30	62.04 3.66 -17.27	52.49 2.56 -21.43	45.78 2.37 -14.92	38.73 2.38 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.40 1.82 0.00
ASTORIA_GT_5 24106	32.08 2.10 0.00	30.69 1.90 0.00	29.94 1.59 0.00	30.23 1.77 0.00	31.01 1.88 -0.64	33.25 1.92 -0.35	45.68 2.50 -7.38	51.25 3.58 -2.99	44.91 2.70 -8.81	36.06 2.77 -1.83	32.42 2.53 -1.42	30.53 2.39 0.01	30.76 2.36 0.01	33.53 2.33 -2.79	35.05 2.15 -4.55	37.71 2.22 -7.09	45.52 2.62 -10.15	61.84 3.45 -17.28	52.06 2.42 -21.15	45.52 2.31 -14.72	38.49 2.24 -7.16	35.74 2.05 -5.29	30.71 1.99 -0.35	29.32 1.74 0.00
ASTORIA_GT_7 24107	32.08 2.10 0.00	30.69 1.90 0.00	29.94 1.59 0.00	30.23 1.77 0.00	31.01 1.88 -0.64	33.25 1.92 -0.35	45.68 2.50 -7.38	51.25 3.58 -2.99	44.91 2.70 -8.81	36.06 2.77 -1.83	32.42 2.53 -1.42	30.53 2.39 0.01	30.76 2.36 0.01	33.53 2.33 -2.79	35.05 2.15 -4.55	37.71 2.22 -7.09	45.52 2.62 -10.15	61.84 3.45 -17.28	52.06 2.42 -21.15	45.52 2.31 -14.72	38.49 2.24 -7.16	35.74 2.05 -5.29	30.71 1.99 -0.35	29.32 1.74 0.00
ASTORIA_GT_8 24108	32.08 2.10 0.00	30.69 1.90 0.00	29.94 1.59 0.00	29.92 1.45 0.00	31.01 1.88 -0.64	33.25 1.92 -0.35	45.69 2.51 -7.39	51.26 3.57 -3.00	45.00 2.67 -8.94	36.06 2.74 -1.86	32.44 2.53 -1.44	30.51 2.36 0.00	30.71 2.30 0.00	33.57 2.33 -2.83	35.12 2.15 -4.62	37.81 2.22 -7.19	45.66 2.62 -10.30	61.84 3.45 -17.27	52.35 2.42 -21.43	45.67 2.25 -14.92	38.59 2.24 -7.27	35.82 2.05 -5.37	30.72 1.99 -0.36	29.32 1.74 0.00
ASTORIA___2 24149	32.05 2.07 0.00	30.63 1.84 0.00	29.91 1.56 0.00	30.17 1.71 0.00	30.96 1.83 -0.64	33.22 1.89 -0.35	45.61 2.44 -7.38	51.17 3.49 -2.99	44.85 2.64 -8.81	36.00 2.71 -1.83	32.36 2.48 -1.42	30.48 2.34 0.01	30.73 2.33 0.01	33.47 2.27 -2.79	35.03 2.13 -4.55	37.65 2.16 -7.09	45.45 2.56 -10.15	61.76 3.37 -17.28	52.00 2.36 -21.15	45.46 2.25 -14.72	38.43 2.18 -7.16	35.68 1.99 -5.29	30.66 1.93 -0.35	29.26 1.68 0.00
ASTORIA___3 23516	32.11 2.13 0.00	30.72 1.93 0.00	29.99 1.64 0.00	30.29 1.82 0.00	31.07 1.94 -0.64	33.50 2.17 -0.35	45.91 2.72 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.23 2.93 -1.84	32.54 2.65 -1.42	30.65 2.50 0.00	30.88 2.47 0.00	33.65 2.44 -2.80	35.20 2.30 -4.56	37.83 2.33 -7.09	45.66 2.75 -10.16	62.05 3.66 -17.28	52.21 2.57 -21.15	45.64 2.42 -14.73	38.64 2.39 -7.17	35.92 2.22 -5.30	30.89 2.16 -0.35	29.40 1.82 0.00
ASTORIA___4 23517	32.11 2.13 0.00	30.72 1.93 0.00	30.00 1.64 0.00	29.98 1.51 0.00	31.07 1.94 -0.64	33.50 2.17 -0.35	45.91 2.72 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.22 2.89 -1.86	32.56 2.65 -1.44	30.63 2.48 0.00	30.82 2.41 0.00	33.69 2.44 -2.83	35.26 2.30 -4.62	37.95 2.36 -7.19	45.79 2.75 -10.30	62.04 3.66 -17.27	52.49 2.56 -21.43	45.78 2.37 -14.92	38.73 2.38 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.40 1.82 0.00
ASTORIA___5 23518	32.11 2.13 0.00	30.72 1.93 0.00	29.99 1.64 0.00	30.29 1.82 0.00	31.07 1.94 -0.64	33.50 2.17 -0.35	45.91 2.72 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.23 2.93 -1.84	32.54 2.65 -1.42	30.65 2.50 0.00	30.88 2.47 0.00	33.65 2.44 -2.80	35.20 2.30 -4.56	37.83 2.33 -7.09	45.66 2.75 -10.16	62.05 3.66 -17.28	52.21 2.57 -21.15	45.64 2.42 -14.73	38.64 2.39 -7.17	35.92 2.22 -5.30	30.89 2.16 -0.35	29.40 1.82 0.00
AST_ENERGY_2_CC3 323677	31.79 1.89 0.08	30.48 1.70 0.01	29.79 1.45 0.01	30.11 1.65 0.01	30.86 1.74 -0.63	31.79 2.11 1.30	31.79 2.72 6.73	43.16 3.71 5.24	37.41 2.77 -1.24	35.13 2.80 -0.87	32.41 2.53 -1.41	30.53 2.39 0.02	30.78 2.39 0.02	33.52 2.33 -2.78	35.07 2.18 -4.54	37.73 2.24 -7.08	39.84 2.65 -4.45	57.65 3.49 -13.04	47.84 2.45 -16.89	41.36 2.34 -10.53	38.55 2.35 -7.11	35.82 2.13 -5.28	30.76 2.04 -0.34	29.25 1.68 0.01
AST_ENERGY_2_CC4 323678	31.79 1.89 0.08	30.48 1.70 0.01	29.79 1.45 0.01	30.11 1.65 0.01	30.86 1.74 -0.63	31.79 2.11 1.30	31.79 2.72 6.73	43.16 3.71 5.24	37.41 2.77 -1.24	35.13 2.80 -0.87	32.41 2.53 -1.41	30.53 2.39 0.02	30.78 2.39 0.02	33.52 2.33 -2.78	35.07 2.18 -4.54	37.73 2.24 -7.08	39.84 2.65 -4.45	57.65 3.49 -13.04	47.84 2.45 -16.89	41.36 2.34 -10.53	38.55 2.35 -7.11	35.82 2.13 -5.28	30.76 2.04 -0.34	29.25 1.68 0.01
ATHENS_STG_1 23668	31.12 1.14 0.00	29.85 1.07 0.00	29.29 0.93 0.00	29.52 1.05 0.00	30.29 1.08 -0.72	32.73 1.36 -0.39	45.68 1.61 -8.27	50.06 2.01 -3.36	44.97 1.47 -10.11	35.02 1.45 -2.10	31.41 1.31 -1.63	29.33 1.18 0.00	29.66 1.25 0.00	32.86 1.25 -3.21	34.76 1.19 -5.22	37.75 1.22 -8.13	45.79 1.41 -11.64	62.67 1.77 -19.79	54.01 1.28 -24.23	46.65 1.28 -16.87	38.61 1.31 -8.21	35.64 1.17 -6.07	29.92 1.14 -0.40	28.49 0.91 0.00
ATHENS_STG_2 23670	31.12 1.14 0.00	29.85 1.07 0.00	29.29 0.93 0.00	29.52 1.05 0.00	30.29 1.08 -0.72	32.73 1.36 -0.39	45.68 1.61 -8.27	50.06 2.01 -3.36	44.97 1.47 -10.11	35.02 1.45 -2.10	31.41 1.31 -1.63	29.33 1.18 0.00	29.66 1.25 0.00	32.86 1.25 -3.21	34.76 1.19 -5.22	37.75 1.22 -8.13	45.79 1.41 -11.64	62.67 1.77 -19.79	54.01 1.28 -24.23	46.65 1.28 -16.87	38.61 1.31 -8.21	35.64 1.17 -6.07	29.92 1.14 -0.40	28.49 0.91 0.00

ATHENS_STG_3 23677	31.12 1.14 0.00	29.85 1.07 0.00	29.29 0.93 0.00	29.52 1.05 0.00	30.29 1.08 -0.72	32.73 1.36 -0.39	45.68 1.61 -8.27	50.06 2.01 -3.36	44.97 1.47 -10.11	35.02 1.45 -2.10	31.41 1.31 -1.63	29.33 1.18 0.00	29.66 1.25 0.00	32.86 1.25 -3.21	34.76 1.19 -5.22	37.75 1.22 -8.13	45.79 1.41 -11.64	62.67 1.77 -19.79	54.01 1.28 -24.23	46.65 1.28 -16.87	38.61 1.31 -8.21	35.64 1.17 -6.07	29.92 1.14 -0.40	28.49 0.91 0.00
AUBURN____LFGE 323710	30.22 0.24 0.00	29.02 0.23 0.00	28.46 0.11 0.00	28.58 0.11 0.00	28.81 0.17 -0.15	31.25 0.19 -0.08	37.77 0.25 -1.72	45.43 0.04 -0.69	35.87 0.40 -2.07	32.40 0.50 -0.43	29.20 0.40 -0.33	28.32 0.17 0.00	28.63 0.23 0.00	29.32 0.26 -0.66	29.62 0.20 -1.07	30.13 0.06 -1.67	35.26 0.13 -2.39	45.20 0.04 -4.04	33.66 0.20 -4.97	32.07 0.11 -3.46	31.00 0.23 -1.68	29.68 0.03 -1.24	28.41 -0.06 -0.08	27.52 -0.06 0.00
BABYLON_RES_REC 323704	40.46 2.52 -7.96	39.95 2.33 -8.83	38.08 2.10 -7.63	38.08 2.28 -7.33	39.09 2.36 -8.23	41.06 2.85 -7.24	50.08 3.15 -11.13	65.26 3.80 -16.77	46.83 3.07 -10.37	41.60 3.12 -7.02	42.31 2.79 -11.05	41.67 2.65 -10.88	42.14 2.67 -11.06	42.46 2.64 -11.41	42.87 2.50 -12.03	44.45 2.47 -13.57	64.04 2.98 -28.32	77.31 3.66 -32.54	70.59 2.62 -39.48	63.29 2.54 -32.26	51.42 2.67 -19.66	47.25 2.41 -16.43	43.78 2.64 -12.76	41.64 2.26 -11.80
BABYLON__69_KV_BK2 356345	40.76 2.82 -7.96	40.24 2.62 -8.83	38.33 2.35 -7.63	38.08 2.28 -7.33	39.37 2.65 -8.23	41.41 3.19 -7.24	50.59 3.65 -11.14	68.13 4.60 -18.84	47.49 3.61 -10.49	42.19 3.68 -7.05	42.84 3.30 -11.07	42.15 3.12 -10.88	42.59 3.12 -11.06	42.98 3.12 -11.45	43.44 3.01 -12.09	44.91 2.84 -13.66	64.80 3.60 -28.45	77.92 4.28 -32.53	71.31 3.05 -39.77	63.98 3.02 -32.46	52.07 3.23 -19.76	47.73 2.81 -16.51	44.06 2.92 -12.76	41.88 2.51 -11.80
BALL_HILL_WT_PWR 323825	29.14 -0.84 0.00	28.10 -0.69 0.00	27.33 -1.02 0.00	27.47 -1.00 0.00	27.31 -1.37 -0.18	29.71 -1.36 -0.10	36.17 -1.68 -2.05	42.27 -3.17 -0.76	33.91 -1.94 -2.46	30.59 -1.38 -0.51	27.44 -1.42 -0.40	26.63 -1.52 0.00	26.87 -1.53 0.00	27.20 -1.99 -0.78	27.38 -2.24 -1.27	28.39 -1.99 -1.97	32.92 -2.39 -2.57	42.32 -3.45 -4.66	32.81 -1.57 -5.89	31.11 -1.48 -4.10	29.74 -1.34 -2.00	28.04 -1.85 -1.47	26.55 -1.93 -0.10	26.03 -1.54 0.00
BARON_WINDS____WT_PWR 323822	29.89 -0.09 0.00	28.73 -0.06 0.00	28.04 -0.31 0.00	28.21 -0.26 0.00	28.14 -0.57 -0.21	30.63 -0.46 -0.11	37.58 -0.64 -2.43	44.12 -1.52 -0.95	35.41 -0.90 -2.92	31.51 -0.57 -0.61	28.28 -0.65 -0.47	27.36 -0.79 0.00	27.64 -0.77 0.00	28.23 -1.11 -0.93	28.53 -1.33 -1.51	29.56 -1.19 -2.35	34.57 -1.41 -3.24	44.75 -2.05 -5.70	34.64 -0.85 -7.00	32.57 -0.80 -4.87	30.76 -0.70 -2.37	29.08 -1.08 -1.75	27.33 -1.16 -0.12	26.64 -0.94 0.00
BARRETT_IC_1 23704	40.19 2.25 -7.96	39.69 2.07 -8.83	37.82 1.84 -7.63	37.82 2.02 -7.33	38.83 2.11 -8.23	40.72 2.51 -7.24	50.08 3.15 -11.13	64.61 4.16 -15.77	46.87 3.11 -10.37	41.54 3.05 -7.02	42.25 2.73 -11.05	41.62 2.59 -10.88	42.08 2.61 -11.06	42.41 2.58 -11.41	42.82 2.44 -12.03	44.47 2.50 -13.57	64.04 2.98 -28.32	77.43 3.78 -32.54	70.64 2.68 -39.47	63.41 2.65 -32.26	51.42 2.67 -19.66	47.28 2.44 -16.43	43.49 2.35 -12.76	41.36 1.99 -11.80
BARRETT_IC_10 23701	40.19 2.25 -7.96	39.69 2.07 -8.83	37.82 1.84 -7.63	37.82 2.02 -7.33	38.83 2.11 -8.23	40.72 2.51 -7.24	50.08 3.15 -11.13	64.61 4.16 -15.77	46.87 3.11 -10.37	41.54 3.05 -7.02	42.25 2.73 -11.05	41.62 2.59 -10.88	42.08 2.61 -11.06	42.41 2.58 -11.41	42.82 2.44 -12.03	44.47 2.50 -13.57	64.04 2.98 -28.32	77.43 3.78 -32.54	70.64 2.68 -39.47	63.41 2.65 -32.26	51.42 2.67 -19.66	47.28 2.44 -16.43	43.49 2.35 -12.76	41.36 1.99 -11.80
BARRETT_IC_11 23702	40.19 2.25 -7.96	39.69 2.07 -8.83	37.82 1.84 -7.63	37.82 2.02 -7.33	38.83 2.11 -8.23	40.72 2.51 -7.24	50.08 3.15 -11.13	64.61 4.16 -15.77	46.87 3.11 -10.37	41.54 3.05 -7.02	42.25 2.73 -11.05	41.62 2.59 -10.88	42.08 2.61 -11.06	42.41 2.58 -11.41	42.82 2.44 -12.03	44.47 2.50 -13.57	64.04 2.98 -28.32	77.43 3.78 -32.54	70.64 2.68 -39.47	63.41 2.65 -32.26	51.42 2.67 -19.66	47.28 2.44 -16.43	43.49 2.35 -12.76	41.36 1.99 -11.80
BARRETT_IC_12 23703	40.19 2.25 -7.96	39.69 2.07 -8.83	37.82 1.84 -7.63	37.82 2.02 -7.33	38.83 2.11 -8.23	40.72 2.51 -7.24	50.08 3.15 -11.13	64.61 4.16 -15.77	46.87 3.11 -10.37	41.54 3.05 -7.02	42.25 2.73 -11.05	41.62 2.59 -10.88	42.08 2.61 -11.06	42.41 2.58 -11.41	42.82 2.44 -12.03	44.47 2.50 -13.57	64.04 2.98 -28.32	77.43 3.78 -32.54	70.64 2.68 -39.47	63.41 2.65 -32.26	51.42 2.67 -19.66	47.28 2.44 -16.43	43.49 2.35 -12.76	41.36 1.99 -11.80
BARRETT_IC_2 23705	40.19 2.25 -7.96	39.69 2.07 -8.83	37.82 1.84 -7.63	37.82 2.02 -7.33	38.83 2.11 -8.23	40.72 2.51 -7.24	50.08 3.15 -11.13	64.61 4.16 -15.77	46.87 3.11 -10.37	41.54 3.05 -7.02	42.25 2.73 -11.05	41.62 2.59 -10.88	42.08 2.61 -11.06	42.41 2.58 -11.41	42.82 2.44 -12.03	44.47 2.50 -13.57	64.04 2.98 -28.32	77.43 3.78 -32.54	70.64 2.68 -39.47	63.41 2.65 -32.26	51.42 2.67 -19.66	47.28 2.44 -16.43	43.49 2.35 -12.76	41.36 1.99 -11.80
BARRETT_IC_3 23706	40.19 2.25 -7.96	39.69 2.07 -8.83	37.82 1.84 -7.63	37.82 2.02 -7.33	38.83 2.11 -8.23	40.72 2.51 -7.24	50.08 3.15 -11.13	64.61 4.16 -15.77	46.87 3.11 -10.37	41.54 3.05 -7.02	42.25 2.73 -11.05	41.62 2.59 -10.88	42.08 2.61 -11.06	42.41 2.58 -11.41	42.82 2.44 -12.03	44.47 2.50 -13.57	64.04 2.98 -28.32	77.43 3.78 -32.54	70.64 2.68 -39.47	63.41 2.65 -32.26	51.42 2.67 -19.66	47.28 2.44 -16.43	43.49 2.35 -12.76	41.36 1.99 -11.80
BARRETT_IC_4 23707	40.19 2.25 -7.96	39.69 2.07 -8.83	37.82 1.84 -7.63	37.82 2.02 -7.33	38.83 2.11 -8.23	40.72 2.51 -7.24	50.08 3.15 -11.13	64.61 4.16 -15.77	46.87 3.11 -10.37	41.54 3.05 -7.02	42.25 2.73 -11.05	41.62 2.59 -10.88	42.08 2.61 -11.06	42.41 2.58 -11.41	42.82 2.44 -12.03	44.47 2.50 -13.57	64.04 2.98 -28.32	77.43 3.78 -32.54	70.64 2.68 -39.47	63.41 2.65 -32.26	51.42 2.67 -19.66	47.28 2.44 -16.43	43.49 2.35 -12.76	41.36 1.99 -11.80
BARRETT_IC_5 23708	40.19 2.25 -7.96	39.69 2.07 -8.83	37.82 1.84 -7.63	37.82 2.02 -7.33	38.83 2.11 -8.23	40.72 2.51 -7.24	50.08 3.15 -11.13	64.61 4.16 -15.77	46.87 3.11 -10.37	41.54 3.05 -7.02	42.25 2.73 -11.05	41.62 2.59 -10.88	42.08 2.61 -11.06	42.41 2.58 -11.41	42.82 2.44 -12.03	44.47 2.50 -13.57	64.04 2.98 -28.32	77.43 3.78 -32.54	70.64 2.68 -39.47	63.41 2.65 -32.26	51.42 2.67 -19.66	47.28 2.44 -16.43	43.49 2.35 -12.76	41.36 1.99 -11.80
BARRETT_IC_6 23709	40.19 2.25 -7.96	39.69 2.07 -8.83	37.82 1.84 -7.63	37.82 2.02 -7.33	38.83 2.11 -8.23	40.72 2.51 -7.24	50.08 3.15 -11.13	64.61 4.16 -15.77	46.87 3.11 -10.37	41.54 3.05 -7.02	42.25 2.73 -11.05	41.62 2.59 -10.88	42.08 2.61 -11.06	42.41 2.58 -11.41	42.82 2.44 -12.03	44.47 2.50 -13.57	64.04 2.98 -28.32	77.43 3.78 -32.54	70.64 2.68 -39.47	63.41 2.65 -32.26	51.42 2.67 -19.66	47.28 2.44 -16.43	43.49 2.35 -12.76	41.36 1.99 -11.80

BARRETT_IC_7 23710	40.19 2.25 -7.96	39.69 2.07 -8.83	37.82 1.84 -7.63	37.56 1.76 -7.33	38.83 2.11 -8.23	40.72 2.51 -7.24	50.08 3.15 -11.13	64.56 4.11 -15.77	46.95 3.07 -10.48	41.53 3.02 -7.05	42.27 2.73 -11.07	41.59 2.56 -10.88	42.03 2.56 -11.06	42.44 2.59 -11.45	42.88 2.44 -12.09	44.57 2.50 -13.66	64.18 2.98 -28.45	77.38 3.74 -32.53	70.89 2.65 -39.75	63.54 2.59 -32.46	51.51 2.68 -19.75	47.35 2.44 -16.50	43.50 2.36 -12.76	41.36 1.99 -11.80
BARRETT_IC_8 23711	40.19 2.25 -7.96	39.69 2.07 -8.83	37.82 1.84 -7.63	37.82 2.02 -7.33	38.83 2.11 -8.23	40.72 2.51 -7.24	50.08 3.15 -11.13	64.61 4.16 -15.77	46.87 3.11 -10.37	41.54 3.05 -7.02	42.25 2.73 -11.05	41.62 2.59 -10.88	42.08 2.61 -11.06	42.41 2.58 -11.41	42.82 2.44 -12.03	44.47 2.50 -13.57	64.04 2.98 -28.32	77.43 3.78 -32.54	70.64 2.68 -39.47	63.41 2.65 -32.26	51.42 2.67 -19.66	47.28 2.44 -16.43	43.49 2.35 -12.76	41.36 1.99 -11.80
BARRETT_IC_9 23700	40.19 2.25 -7.96	39.69 2.07 -8.83	37.82 1.84 -7.63	37.82 2.02 -7.33	38.83 2.11 -8.23	40.72 2.51 -7.24	50.08 3.15 -11.13	64.61 4.16 -15.77	46.87 3.11 -10.37	41.54 3.05 -7.02	42.25 2.73 -11.05	41.62 2.59 -10.88	42.08 2.61 -11.06	42.41 2.58 -11.41	42.82 2.44 -12.03	44.47 2.50 -13.57	64.04 2.98 -28.32	77.43 3.78 -32.54	70.64 2.68 -39.47	63.41 2.65 -32.26	51.42 2.67 -19.66	47.28 2.44 -16.43	43.49 2.35 -12.76	41.36 1.99 -11.80
BARRETT___1 23545	40.19 2.25 -7.96	39.69 2.07 -8.83	37.82 1.84 -7.63	37.82 2.02 -7.33	38.83 2.11 -8.23	40.72 2.51 -7.24	50.08 3.15 -11.13	64.61 4.16 -15.77	46.87 3.11 -10.37	41.54 3.05 -7.02	42.25 2.73 -11.05	41.62 2.59 -10.88	42.08 2.61 -11.06	42.41 2.58 -11.41	42.82 2.44 -12.03	44.47 2.50 -13.57	64.04 2.98 -28.32	77.43 3.78 -32.54	70.64 2.68 -39.47	63.41 2.65 -32.26	51.42 2.67 -19.66	47.28 2.44 -16.43	43.49 2.35 -12.76	41.36 1.99 -11.80
BARRETT___2 23546	40.19 2.25 -7.96	39.69 2.07 -8.83	37.82 1.84 -7.63	37.82 2.02 -7.33	38.83 2.11 -8.23	40.72 2.51 -7.24	50.08 3.15 -11.13	64.61 4.16 -15.77	46.87 3.11 -10.37	41.54 3.05 -7.02	42.25 2.73 -11.05	41.62 2.59 -10.88	42.08 2.61 -11.06	42.41 2.58 -11.41	42.82 2.44 -12.03	44.47 2.50 -13.57	64.04 2.98 -28.32	77.43 3.78 -32.54	70.64 2.68 -39.47	63.41 2.65 -32.26	51.42 2.67 -19.66	47.28 2.44 -16.43	43.49 2.35 -12.76	41.36 1.99 -11.80
BATAVIA___115KV_TB1 55881	29.11 -0.87 0.00	28.10 -0.69 0.00	27.39 -0.96 0.00	27.53 -0.94 0.00	27.75 -0.91 -0.16	30.23 -0.84 -0.09	36.56 -1.11 -1.88	42.85 -2.55 -0.71	34.33 -1.34 -2.27	31.02 -0.91 -0.47	27.81 -1.02 -0.37	26.60 -1.55 0.00	26.82 -1.59 0.00	27.62 -1.51 -0.72	27.88 -1.64 -1.17	28.90 -1.34 -1.82	33.48 -1.70 -2.43	42.46 -2.80 -4.14	32.82 -1.11 -5.44	30.80 -1.48 -3.79	30.06 -0.87 -1.84	28.32 -1.45 -1.36	26.99 -1.48 -0.09	26.09 -1.49 0.00
BAYONEEC___CTG1 323682	31.96 1.98 0.00	30.55 1.76 0.00	29.85 1.50 0.00	30.17 1.71 0.00	30.96 1.83 -0.64	33.53 2.20 -0.35	46.01 2.83 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.19 2.89 -1.84	32.51 2.62 -1.42	30.63 2.48 0.00	30.88 2.47 0.00	33.62 2.41 -2.80	35.18 2.27 -4.56	37.80 2.30 -7.09	45.62 2.72 -10.16	61.97 3.58 -17.28	52.16 2.51 -21.15	45.61 2.39 -14.72	38.70 2.44 -7.17	35.92 2.22 -5.30	30.86 2.13 -0.35	29.34 1.77 0.00
BAYONEEC___CTG10 323750	31.96 1.98 0.00	30.55 1.76 0.00	29.85 1.50 0.00	30.17 1.71 0.00	30.96 1.83 -0.64	33.53 2.20 -0.35	46.01 2.83 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.19 2.89 -1.84	32.51 2.62 -1.42	30.63 2.48 0.00	30.88 2.47 0.00	33.62 2.41 -2.80	35.18 2.27 -4.56	37.80 2.30 -7.09	45.62 2.72 -10.16	61.97 3.58 -17.28	52.16 2.51 -21.15	45.61 2.39 -14.72	38.70 2.44 -7.17	35.92 2.22 -5.30	30.86 2.13 -0.35	29.34 1.77 0.00
BAYONEEC___CTG2 323683	31.96 1.98 0.00	30.55 1.76 0.00	29.85 1.50 0.00	30.17 1.71 0.00	30.96 1.83 -0.64	33.53 2.20 -0.35	46.01 2.83 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.19 2.89 -1.84	32.51 2.62 -1.42	30.63 2.48 0.00	30.88 2.47 0.00	33.62 2.41 -2.80	35.18 2.27 -4.56	37.80 2.30 -7.09	45.62 2.72 -10.16	61.97 3.58 -17.28	52.16 2.51 -21.15	45.61 2.39 -14.72	38.70 2.44 -7.17	35.92 2.22 -5.30	30.86 2.13 -0.35	29.34 1.77 0.00
BAYONEEC___CTG3 323684	31.96 1.98 0.00	30.55 1.76 0.00	29.85 1.50 0.00	30.17 1.71 0.00	30.96 1.83 -0.64	33.53 2.20 -0.35	46.01 2.83 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.19 2.89 -1.84	32.51 2.62 -1.42	30.63 2.48 0.00	30.88 2.47 0.00	33.62 2.41 -2.80	35.18 2.27 -4.56	37.80 2.30 -7.09	45.62 2.72 -10.16	61.97 3.58 -17.28	52.16 2.51 -21.15	45.61 2.39 -14.72	38.70 2.44 -7.17	35.92 2.22 -5.30	30.86 2.13 -0.35	29.34 1.77 0.00
BAYONEEC___CTG4 323685	31.96 1.98 0.00	30.55 1.76 0.00	29.85 1.50 0.00	30.17 1.71 0.00	30.96 1.83 -0.64	33.53 2.20 -0.35	46.01 2.83 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.19 2.89 -1.84	32.51 2.62 -1.42	30.63 2.48 0.00	30.88 2.47 0.00	33.62 2.41 -2.80	35.18 2.27 -4.56	37.80 2.30 -7.09	45.62 2.72 -10.16	61.97 3.58 -17.28	52.16 2.51 -21.15	45.61 2.39 -14.72	38.70 2.44 -7.17	35.92 2.22 -5.30	30.86 2.13 -0.35	29.34 1.77 0.00
BAYONEEC___CTG5 323686	31.96 1.98 0.00	30.55 1.76 0.00	29.85 1.50 0.00	30.17 1.71 0.00	30.96 1.83 -0.64	33.53 2.20 -0.35	46.01 2.83 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.19 2.89 -1.84	32.51 2.62 -1.42	30.63 2.48 0.00	30.88 2.47 0.00	33.62 2.41 -2.80	35.18 2.27 -4.56	37.80 2.30 -7.09	45.62 2.72 -10.16	61.97 3.58 -17.28	52.16 2.51 -21.15	45.61 2.39 -14.72	38.70 2.44 -7.17	35.92 2.22 -5.30	30.86 2.13 -0.35	29.34 1.77 0.00
BAYONEEC___CTG6 323687	31.96 1.98 0.00	30.55 1.76 0.00	29.85 1.50 0.00	30.17 1.71 0.00	30.96 1.83 -0.64	33.53 2.20 -0.35	46.01 2.83 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.19 2.89 -1.84	32.51 2.62 -1.42	30.63 2.48 0.00	30.88 2.47 0.00	33.62 2.41 -2.80	35.18 2.27 -4.56	37.80 2.30 -7.09	45.62 2.72 -10.16	61.97 3.58 -17.28	52.16 2.51 -21.15	45.61 2.39 -14.72	38.70 2.44 -7.17	35.92 2.22 -5.30	30.86 2.13 -0.35	29.34 1.77 0.00
BAYONEEC___CTG7 323688	31.96 1.98 0.00	30.55 1.76 0.00	29.85 1.50 0.00	30.17 1.71 0.00	30.96 1.83 -0.64	33.53 2.20 -0.35	46.01 2.83 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.19 2.89 -1.84	32.51 2.62 -1.42	30.63 2.48 0.00	30.88 2.47 0.00	33.62 2.41 -2.80	35.18 2.27 -4.56	37.80 2.30 -7.09	45.62 2.72 -10.16	61.97 3.58 -17.28	52.16 2.51 -21.15	45.61 2.39 -14.72	38.70 2.44 -7.17	35.92 2.22 -5.30	30.86 2.13 -0.35	29.34 1.77 0.00
BAYONEEC___CTG8 323689	31.96 1.98 0.00	30.55 1.76 0.00	29.85 1.50 0.00	30.17 1.71 0.00	30.96 1.83 -0.64	33.53 2.20 -0.35	46.01 2.83 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.19 2.89 -1.84	32.51 2.62 -1.42	30.63 2.48 0.00	30.88 2.47 0.00	33.62 2.41 -2.80	35.18 2.27 -4.56	37.80 2.30 -7.09	45.62 2.72 -10.16	61.97 3.58 -17.28	52.16 2.51 -21.15	45.61 2.39 -14.72	38.70 2.44 -7.17	35.92 2.22 -5.30	30.86 2.13 -0.35	29.34 1.77 0.00

BAYONEEC___CTG9 323749	31.96 1.98 0.00	30.55 1.76 0.00	29.85 1.50 0.00	30.17 1.71 0.00	30.96 1.83 -0.64	33.53 2.20 -0.35	46.01 2.83 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.19 2.89 -1.84	32.51 2.62 -1.42	30.63 2.48 0.00	30.88 2.47 0.00	33.62 2.41 -2.80	35.18 2.27 -4.56	37.80 2.30 -7.09	45.62 2.72 -10.16	61.97 3.58 -17.28	52.16 2.51 -21.15	45.61 2.39 -14.72	38.70 2.44 -7.17	35.92 2.22 -5.30	30.86 2.13 -0.35	29.34 1.77 0.00
BEACON___LESR 323632	31.12 1.14 0.00	29.88 1.09 0.00	29.32 0.96 0.00	29.55 1.08 0.00	30.46 1.17 -0.80	32.93 1.52 -0.44	46.74 1.72 -9.23	50.39 1.96 -3.74	46.09 1.50 -11.20	35.21 1.42 -2.33	31.56 1.28 -1.81	29.33 1.18 0.00	29.71 1.31 0.00	33.27 1.31 -3.55	35.46 1.33 -5.78	38.80 1.39 -9.00	47.21 1.57 -12.89	65.09 2.05 -21.92	56.79 1.45 -26.84	48.58 1.40 -18.69	39.61 1.42 -9.10	36.41 1.28 -6.72	30.16 1.33 -0.45	28.65 1.07 0.00
BEAVER RIVER___HYD 24048	30.01 0.03 0.00	28.90 0.12 0.00	28.44 0.09 0.00	28.55 0.09 0.00	28.63 0.09 -0.05	31.04 0.03 -0.03	36.53 0.18 -0.55	45.00 0.09 -0.23	34.06 0.00 -0.67	31.45 -0.16 -0.14	28.63 0.06 -0.11	28.12 -0.03 0.00	28.41 0.00 0.00	28.59 -0.03 -0.21	28.73 0.03 -0.35	29.09 0.14 -0.54	33.58 0.07 -0.77	42.43 0.00 -1.32	30.62 0.51 -1.61	30.04 0.43 -1.12	30.01 0.38 -0.55	29.01 0.20 -0.40	28.52 0.11 -0.03	27.63 0.06 0.00
BEEBEE_GT_13 23619	29.32 -0.66 0.00	28.24 -0.55 0.00	27.59 -0.77 0.00	27.73 -0.74 0.00	28.08 -0.57 -0.15	30.50 -0.56 -0.08	36.79 -0.75 -1.75	43.70 -1.70 -0.71	34.64 -0.87 -2.11	31.31 -0.60 -0.44	28.18 -0.63 -0.34	27.02 -1.13 0.00	27.27 -1.14 0.00	28.14 -0.94 -0.67	28.39 -1.05 -1.09	29.25 -0.85 -1.70	34.11 -1.08 -2.45	43.21 -2.06 -4.15	32.87 -0.68 -5.06	31.08 -0.94 -3.52	30.25 -0.55 -1.72	28.71 -0.97 -1.27	27.47 -0.99 -0.08	26.45 -1.13 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.48 2.49 -0.01	31.03 2.25 0.00	30.28 1.93 0.00	30.26 1.79 0.00	31.36 2.22 -0.64	33.78 2.45 -0.35	46.16 2.97 -7.39	51.84 4.16 -3.00	45.44 3.11 -8.94	36.44 3.11 -1.86	32.78 2.88 -1.44	30.85 2.70 0.00	31.05 2.64 0.00	33.91 2.67 -2.83	35.52 2.55 -4.62	38.18 2.59 -7.19	46.12 3.08 -10.30	62.45 4.07 -17.27	52.78 2.85 -21.43	46.06 2.65 -14.92	38.97 2.62 -7.27	36.24 2.47 -5.37	31.15 2.41 -0.36	29.67 2.10 0.00
BETHLEHEM___GRP 23843	30.61 0.63 0.00	29.39 0.60 0.00	28.83 0.48 0.00	28.92 0.46 0.00	29.95 0.66 -0.80	32.31 0.90 -0.44	45.96 0.93 -9.24	49.51 1.07 -3.75	45.43 0.87 -11.17	34.64 0.85 -2.33	31.01 0.74 -1.80	28.83 0.68 0.00	29.15 0.74 0.00	32.72 0.77 -3.54	34.89 0.77 -5.77	38.19 0.80 -8.98	46.53 0.92 -12.87	64.17 1.11 -21.94	56.08 0.80 -26.79	47.91 0.77 -18.65	38.98 0.81 -9.08	35.85 0.74 -6.71	29.62 0.79 -0.45	28.16 0.58 0.00
BETHLEHEM___GS1 323560	30.61 0.63 0.00	29.39 0.61 0.00	28.83 0.48 0.00	29.09 0.63 0.00	29.95 0.66 -0.80	32.31 0.90 -0.44	45.96 0.93 -9.24	49.51 1.07 -3.75	45.47 0.87 -11.21	34.61 0.82 -2.33	31.01 0.74 -1.81	28.82 0.67 0.00	29.20 0.79 0.00	32.73 0.77 -3.55	34.90 0.77 -5.79	38.21 0.79 -9.01	46.57 0.92 -12.91	64.17 1.11 -21.95	56.17 0.80 -26.88	48.00 0.80 -18.71	39.01 0.81 -9.11	35.87 0.74 -6.73	29.62 0.79 -0.45	28.16 0.58 0.00
BETHLEHEM___GS2 323561	30.61 0.63 0.00	29.39 0.61 0.00	28.83 0.48 0.00	29.09 0.63 0.00	29.95 0.66 -0.80	32.31 0.90 -0.44	45.96 0.93 -9.24	49.51 1.07 -3.75	45.47 0.87 -11.21	34.61 0.82 -2.33	31.01 0.74 -1.81	28.82 0.67 0.00	29.20 0.79 0.00	32.73 0.77 -3.55	34.90 0.77 -5.79	38.21 0.79 -9.01	46.57 0.92 -12.91	64.17 1.11 -21.95	56.17 0.80 -26.88	48.00 0.80 -18.71	39.01 0.81 -9.11	35.87 0.74 -6.73	29.62 0.79 -0.45	28.16 0.58 0.00
BETHLEHEM___GS3 323562	30.61 0.63 0.00	29.39 0.61 0.00	28.83 0.48 0.00	29.09 0.63 0.00	29.95 0.66 -0.80	32.31 0.90 -0.44	45.96 0.93 -9.24	49.51 1.07 -3.75	45.47 0.87 -11.21	34.61 0.82 -2.33	31.01 0.74 -1.81	28.82 0.67 0.00	29.20 0.79 0.00	32.73 0.77 -3.55	34.90 0.77 -5.79	38.21 0.79 -9.01	46.57 0.92 -12.91	64.17 1.11 -21.95	56.17 0.80 -26.88	48.00 0.80 -18.71	39.01 0.81 -9.11	35.87 0.74 -6.73	29.62 0.79 -0.45	28.16 0.58 0.00
BETHLEHEM___STEEL 23779	28.99 -0.99 0.00	27.95 -0.83 0.00	27.22 -1.13 0.00	27.30 -1.17 0.00	27.22 -1.45 -0.17	29.59 -1.49 -0.10	35.99 -1.83 -2.02	41.94 -3.49 -0.74	33.70 -2.14 -2.44	30.49 -1.48 -0.51	27.30 -1.57 -0.39	26.40 -1.75 0.00	26.62 -1.79 0.00	27.11 -2.07 -0.78	27.32 -2.30 -1.26	28.33 -2.05 -1.97	32.77 -2.52 -2.54	41.74 -3.70 -4.33	32.62 -1.74 -5.86	30.49 -2.08 -4.08	29.62 -1.45 -1.99	27.91 -1.96 -1.47	26.46 -2.01 -0.10	25.90 -1.68 0.00
BETHLHEM_115KV_TB1 79974	30.70 0.72 0.00	29.48 0.69 0.00	28.92 0.57 0.00	29.01 0.54 0.00	30.03 0.74 -0.80	32.41 0.99 -0.44	46.07 1.04 -9.23	49.64 1.21 -3.75	45.53 0.97 -11.17	34.73 0.94 -2.32	31.09 0.83 -1.80	28.91 0.76 0.00	29.23 0.82 0.00	32.80 0.85 -3.54	34.97 0.85 -5.77	38.27 0.88 -8.98	46.58 0.98 -12.86	64.24 1.19 -21.93	56.15 0.88 -26.77	47.98 0.85 -18.63	39.06 0.90 -9.07	35.93 0.82 -6.70	29.71 0.88 -0.45	28.24 0.66 0.00
BETHPAGE_CC_5 323564	40.28 2.34 -7.96	39.75 2.13 -8.83	37.88 1.90 -7.63	37.88 2.08 -7.33	38.92 2.19 -8.23	40.82 2.60 -7.24	50.11 3.18 -11.13	64.61 4.16 -15.77	46.90 3.14 -10.37	41.63 3.15 -7.02	42.37 2.85 -11.05	41.70 2.68 -10.88	42.17 2.70 -11.06	42.49 2.67 -11.41	42.93 2.55 -12.03	44.53 2.56 -13.57	64.07 3.01 -28.32	77.60 3.95 -32.54	70.76 2.79 -39.47	63.43 2.68 -32.26	51.45 2.71 -19.66	47.34 2.50 -16.43	43.58 2.44 -12.76	41.47 2.09 -11.80
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.05 -0.93 0.00	28.01 -0.78 0.00	27.27 -1.08 0.00	27.36 -1.11 0.00	27.16 -1.51 -0.18	29.56 -1.52 -0.10	35.97 -1.86 -2.03	41.99 -3.44 -0.75	33.71 -2.14 -2.46	30.46 -1.51 -0.51	27.27 -1.59 -0.40	26.46 -1.69 0.00	26.67 -1.73 0.00	27.08 -2.10 -0.78	27.27 -2.35 -1.27	28.28 -2.10 -1.98	32.79 -2.52 -2.57	41.82 -3.66 -4.36	32.62 -1.77 -5.89	30.49 -2.11 -4.10	29.60 -1.48 -2.00	27.89 -1.99 -1.48	26.43 -2.04 -0.10	25.95 -1.63 0.00
BINGHAMTON___COGEN 23790	30.40 0.42 0.00	29.22 0.43 0.00	28.63 0.28 0.00	28.69 0.23 0.00	28.96 0.20 -0.27	31.40 0.28 -0.15	39.30 0.39 -3.11	46.12 0.18 -1.25	37.47 0.30 -3.77	32.66 0.41 -0.79	29.39 0.31 -0.61	28.35 0.20 0.00	28.63 0.23 0.00	29.75 0.14 -1.20	30.36 0.06 -1.95	31.55 0.11 -3.03	37.21 0.16 -4.31	48.65 0.16 -7.37	37.85 0.31 -9.04	34.99 0.20 -6.30	32.50 0.35 -3.07	30.79 0.11 -2.26	28.59 0.06 -0.15	27.66 0.08 0.00
BIXINCNT_115KV_LOAD 355685	29.08 -0.90 0.00	27.90 -0.89 0.00	27.10 -1.25 0.00	27.16 -1.31 0.00	26.74 -1.94 -0.18	29.16 -1.92 -0.10	35.80 -2.08 -2.08	41.93 -3.53 -0.78	33.68 -2.24 -2.52	30.10 -1.89 -0.52	27.02 -1.85 -0.41	26.24 -1.91 0.00	26.50 -1.90 0.00	26.48 -2.73 -0.80	26.51 -3.15 -1.30	27.48 -2.95 -2.03	32.13 -3.27 -2.66	41.35 -4.28 -4.51	32.23 -2.31 -6.04	30.11 -2.59 -4.21	29.27 -1.86 -2.05	27.65 -2.27 -1.51	26.12 -2.36 -0.10	25.90 -1.68 0.00

BLACK RIVER___HYD 24047	30.19 0.21 0.00	29.11 0.32 0.00	28.55 0.20 0.00	28.69 0.23 0.00	28.80 0.23 -0.08	31.30 0.28 -0.04	37.32 0.57 -0.95	45.43 0.36 -0.39	34.71 0.17 -1.15	31.55 -0.16 -0.24	28.54 -0.11 -0.19	27.87 -0.28 0.00	28.15 -0.26 0.00	28.52 -0.26 -0.36	28.80 -0.14 -0.59	29.39 0.06 -0.92	34.26 0.20 -1.32	43.74 0.37 -2.26	31.99 0.74 -2.76	31.07 0.66 -1.92	30.60 0.58 -0.93	29.41 0.31 -0.69	28.60 0.17 -0.05	27.66 0.08 0.00
BLACKRVR_115KV_TB2 79977	30.19 0.21 0.00	29.11 0.32 0.00	28.55 0.20 0.00	28.67 0.20 0.00	28.81 0.23 -0.08	31.30 0.28 -0.04	37.32 0.57 -0.95	45.43 0.36 -0.39	34.71 0.17 -1.15	31.55 -0.16 -0.24	28.54 -0.11 -0.19	27.87 -0.28 0.00	28.15 -0.26 0.00	28.52 -0.26 -0.37	28.80 -0.14 -0.60	29.39 0.06 -0.93	34.27 0.20 -1.33	43.74 0.37 -2.25	32.00 0.74 -2.77	31.02 0.60 -1.93	30.60 0.58 -0.94	29.41 0.31 -0.69	28.60 0.17 -0.05	27.66 0.08 0.00
BLISS_WT_PWR 323608	29.02 -0.96 0.00	27.75 -1.04 0.00	26.99 -1.36 0.00	27.10 -1.37 0.00	26.57 -2.11 -0.18	29.00 -2.08 -0.10	35.69 -2.18 -2.08	41.75 -3.71 -0.78	33.58 -2.30 -2.49	29.90 -2.08 -0.52	26.90 -1.96 -0.40	26.12 -2.03 0.00	26.47 -1.93 0.00	26.24 -2.96 -0.79	26.20 -3.43 -1.29	27.17 -3.24 -2.00	31.83 -3.54 -2.63	41.30 -4.56 -4.75	31.93 -2.54 -5.97	30.26 -2.39 -4.15	29.10 -2.01 -2.02	27.52 -2.39 -1.49	26.01 -2.47 -0.10	25.76 -1.82 0.00
BLUESTONE___WT_PWR 323821	32.05 2.07 0.00	30.92 2.13 0.00	30.22 1.87 0.00	30.40 1.94 0.00	30.60 1.83 -0.28	33.30 2.17 -0.15	41.80 2.79 -3.21	49.06 3.08 -1.29	39.62 2.34 -3.89	34.35 2.08 -0.81	30.86 1.77 -0.63	29.75 1.60 0.00	30.17 1.76 0.00	31.26 1.62 -1.23	31.98 1.62 -2.01	33.33 1.79 -3.13	39.45 2.26 -4.45	51.53 2.80 -7.62	40.10 2.28 -9.33	37.15 2.16 -6.49	34.37 2.12 -3.16	32.45 1.70 -2.34	30.07 1.53 -0.16	28.98 1.41 0.00
BLUE_CIRC_CHEM_DRP 24182	30.94 0.96 0.00	29.71 0.92 0.00	29.17 0.82 0.00	29.24 0.77 0.00	30.23 0.94 -0.79	32.62 1.21 -0.43	46.32 1.32 -9.19	49.98 1.56 -3.73	45.72 1.20 -11.12	34.94 1.16 -2.32	31.31 1.05 -1.79	29.11 0.96 0.00	29.40 0.99 0.00	32.96 1.02 -3.53	35.11 1.02 -5.74	38.40 1.05 -8.94	46.73 1.18 -12.81	64.40 1.44 -21.85	56.21 1.05 -26.66	48.11 1.05 -18.56	39.23 1.11 -9.04	36.11 1.02 -6.68	29.85 1.02 -0.45	28.41 0.83 0.00
BOC_GAS_DRP 24189	30.88 0.90 0.00	29.65 0.86 0.00	29.12 0.77 0.00	29.21 0.74 0.00	30.20 0.91 -0.80	32.56 1.15 -0.43	46.25 1.25 -9.20	49.89 1.47 -3.73	45.69 1.17 -11.13	34.91 1.13 -2.32	31.29 1.02 -1.80	29.08 0.93 0.00	29.37 0.97 0.00	32.93 0.99 -3.53	35.09 0.99 -5.74	38.35 0.99 -8.95	46.70 1.15 -12.81	64.37 1.40 -21.86	56.19 1.03 -26.67	48.06 1.00 -18.57	39.20 1.08 -9.04	36.05 0.97 -6.68	29.82 0.99 -0.45	28.38 0.80 0.00
BOONVILLE_115KV_TB1 79983	30.64 0.66 0.00	29.48 0.69 0.00	28.97 0.62 0.00	29.09 0.63 0.00	29.19 0.66 -0.04	31.72 0.71 -0.02	37.19 0.89 -0.50	45.87 0.98 -0.20	34.70 0.70 -0.60	32.16 0.57 -0.13	29.19 0.63 -0.10	28.68 0.53 0.00	28.98 0.57 0.00	29.14 0.54 -0.19	29.26 0.60 -0.31	29.57 0.68 -0.49	34.19 0.75 -0.69	43.11 0.82 -1.18	30.88 0.94 -1.45	30.36 0.85 -1.01	30.42 0.84 -0.49	29.42 0.65 -0.36	29.00 0.60 -0.02	28.10 0.52 0.00
BORALEX_4TH_BRANCH 23824	31.57 1.59 0.00	30.31 1.53 0.00	29.71 1.36 0.00	29.80 1.34 0.00	30.83 1.54 -0.80	33.34 1.92 -0.44	47.12 2.08 -9.25	50.85 2.41 -3.75	46.55 1.97 -11.19	35.68 1.89 -2.33	32.01 1.74 -1.80	29.75 1.60 0.00	30.06 1.65 0.00	33.66 1.70 -3.55	35.86 1.73 -5.78	39.13 1.73 -8.99	47.62 2.00 -12.88	65.44 2.38 -21.94	57.05 1.74 -26.82	48.87 1.71 -18.67	40.01 1.83 -9.09	36.85 1.73 -6.71	30.59 1.76 -0.45	29.07 1.49 0.00
BOWLINE___1 23526	31.72 1.74 0.00	30.37 1.58 0.00	29.71 1.36 0.00	30.00 1.54 0.00	30.74 1.62 -0.62	33.30 1.98 -0.34	45.46 2.50 -7.16	50.90 3.31 -2.90	44.40 2.47 -8.53	35.70 2.46 -1.78	32.07 2.22 -1.38	30.23 2.08 0.00	30.51 2.10 0.00	33.22 2.10 -2.71	34.71 1.95 -4.41	37.23 1.96 -6.86	44.93 2.36 -9.83	60.95 3.12 -16.72	51.18 2.22 -20.46	44.88 2.14 -14.24	38.14 2.12 -6.94	35.46 1.93 -5.12	30.56 1.84 -0.34	29.09 1.52 0.00
BOWLINE___2 23595	31.72 1.74 0.00	30.37 1.58 0.00	29.71 1.36 0.00	30.00 1.54 0.00	30.74 1.62 -0.62	33.30 1.98 -0.34	45.64 2.69 -7.16	51.15 3.58 -2.88	44.51 2.64 -8.48	35.84 2.61 -1.76	32.17 2.33 -1.37	30.35 2.20 0.00	30.65 2.24 0.00	33.34 2.24 -2.69	34.83 2.10 -4.38	37.32 2.10 -6.81	45.06 2.56 -9.76	61.04 3.33 -16.60	51.21 2.39 -20.32	44.92 2.28 -14.15	38.24 2.27 -6.89	35.54 2.05 -5.09	30.68 1.96 -0.34	29.20 1.63 0.00
BRADY___115KV_TB2 356060	30.16 0.18 0.00	28.96 0.17 0.00	28.72 0.37 0.00	28.89 0.43 0.00	28.67 0.17 0.00	31.26 0.28 0.00	36.19 0.39 0.00	45.72 1.03 0.00	34.03 0.63 0.00	31.84 0.38 0.00	28.78 0.31 0.00	28.60 0.45 0.00	28.89 0.48 0.00	28.81 0.40 0.00	28.80 0.45 0.00	28.86 0.45 0.00	33.27 0.52 0.00	41.89 0.78 0.00	29.01 0.51 0.00	29.01 0.51 0.00	29.46 0.38 0.00	28.75 0.34 0.00	28.69 0.31 0.00	27.91 0.33 0.00
BRANSCOMB___SOLAR 323811	31.54 1.56 0.00	30.31 1.52 0.00	29.71 1.36 0.00	29.97 1.51 0.00	30.94 1.62 -0.82	33.44 2.01 -0.45	47.70 2.40 -9.50	51.31 2.77 -3.86	46.93 2.00 -11.53	35.72 1.86 -2.40	31.92 1.59 -1.86	29.58 1.43 0.00	29.97 1.56 0.00	33.65 1.59 -3.66	35.92 1.62 -5.95	39.30 1.62 -9.27	47.89 1.87 -13.28	66.11 2.43 -22.57	57.87 1.74 -27.64	49.39 1.65 -19.24	40.11 1.66 -9.37	36.78 1.45 -6.92	30.40 1.56 -0.46	28.96 1.38 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	40.61 2.67 -7.96	40.12 2.50 -8.83	38.19 2.21 -7.63	37.93 2.13 -7.33	39.23 2.51 -8.23	41.25 3.04 -7.24	50.27 3.33 -11.14	66.88 4.11 -18.08	47.22 3.34 -10.49	42.03 3.52 -7.05	42.70 3.16 -11.07	42.01 2.98 -10.88	42.45 2.98 -11.06	42.84 2.98 -11.45	43.30 2.86 -12.09	44.60 2.53 -13.66	64.50 3.31 -28.45	77.47 3.82 -32.53	70.96 2.71 -39.76	63.72 2.76 -32.46	51.86 3.02 -19.76	47.50 2.59 -16.51	43.89 2.75 -12.76	41.77 2.40 -11.80
BRISTLHL_115KV_TB1 79998	29.62 -0.36 0.00	28.47 -0.32 0.00	27.93 -0.43 0.00	28.04 -0.43 0.00	28.24 -0.37 -0.12	30.52 -0.53 -0.06	36.53 -0.61 -1.34	44.29 -0.94 -0.54	34.38 -0.63 -1.62	31.23 -0.57 -0.34	28.22 -0.51 -0.26	27.50 -0.65 0.00	27.78 -0.62 0.00	28.33 -0.60 -0.51	28.56 -0.62 -0.84	29.14 -0.57 -1.30	33.96 -0.65 -1.87	43.50 -0.78 -3.17	31.90 -0.48 -3.89	30.66 -0.54 -2.71	29.97 -0.44 -1.32	28.84 -0.54 -0.97	27.88 -0.57 -0.06	27.05 -0.52 0.00
BROOKHAVEN___DRP 24191	40.61 2.67 -7.96	40.12 2.50 -8.83	38.22 2.24 -7.63	37.96 2.16 -7.33	39.26 2.54 -8.23	41.22 3.00 -7.24	50.84 3.79 -11.25	88.12 4.78 -38.65	47.59 3.67 -10.52	42.10 3.59 -7.05	42.76 3.22 -11.07	42.04 3.01 -10.88	42.48 3.01 -11.06	42.90 3.04 -11.45	43.39 2.95 -12.09	45.06 2.95 -13.70	64.70 3.50 -28.45	78.20 4.52 -32.57	71.56 3.19 -39.87	64.07 3.08 -32.50	52.05 3.17 -19.79	47.88 2.93 -16.54	43.92 2.78 -12.76	41.72 2.34 -11.80

BROOKLYN_NAVY_YARD 23515	31.93 1.95 0.00	30.52 1.73 0.00	29.82 1.47 0.00	30.15 1.68 0.00	30.93 1.80 -0.64	33.50 2.17 -0.35	45.98 2.79 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.19 2.89 -1.84	32.51 2.62 -1.42	30.63 2.48 0.00	30.85 2.44 0.00	33.62 2.41 -2.80	35.18 2.27 -4.56	37.80 2.30 -7.09	45.65 2.75 -10.16	62.01 3.62 -17.28	52.18 2.54 -21.15	45.64 2.42 -14.72	38.70 2.44 -7.17	35.92 2.22 -5.30	30.86 2.13 -0.35	29.32 1.74 0.00
BROOKLYN___ARMY_DRP 323595	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.17 1.71 0.00	31.27 2.14 -0.64	33.68 2.35 -0.35	46.02 2.83 -7.39	51.66 3.98 -3.00	45.30 2.97 -8.94	36.31 2.99 -1.86	32.64 2.73 -1.44	30.74 2.59 0.00	30.94 2.53 0.00	33.80 2.56 -2.83	35.41 2.44 -4.62	38.04 2.44 -7.19	45.95 2.91 -10.30	62.25 3.86 -17.27	52.63 2.71 -21.43	45.92 2.51 -14.92	38.85 2.50 -7.27	36.13 2.36 -5.37	31.06 2.33 -0.36	29.56 1.99 0.00
BROOKVLE_69_KV_TB1 55790	40.55 2.61 -7.96	40.01 2.39 -8.83	38.10 2.13 -7.63	37.85 2.05 -7.33	39.12 2.39 -8.23	41.10 2.88 -7.24	50.54 3.62 -11.13	65.23 4.78 -15.77	47.41 3.54 -10.48	41.97 3.46 -7.05	42.67 3.13 -11.07	41.98 2.96 -10.88	42.42 2.95 -11.06	42.84 2.98 -11.45	43.27 2.84 -12.09	44.99 2.93 -13.66	64.67 3.47 -28.45	78.16 4.52 -32.53	71.44 3.19 -39.75	63.97 3.02 -32.46	51.95 3.11 -19.75	47.75 2.84 -16.50	43.86 2.72 -12.76	41.69 2.32 -11.80
BROOME_2_LFGE 323671	30.40 0.42 0.00	29.22 0.43 0.00	28.63 0.28 0.00	28.81 0.34 0.00	28.96 0.20 -0.27	31.40 0.28 -0.15	39.30 0.39 -3.11	46.12 0.18 -1.25	37.52 0.33 -3.79	32.66 0.41 -0.79	29.39 0.31 -0.61	28.37 0.22 0.00	28.69 0.28 0.00	29.75 0.14 -1.20	30.37 0.06 -1.96	31.54 0.09 -3.05	37.24 0.16 -4.33	48.71 0.17 -7.43	37.91 0.31 -9.10	35.17 0.34 -6.33	32.52 0.35 -3.08	30.83 0.14 -2.28	28.59 0.06 -0.15	27.66 0.08 0.00
BROOME___LFGE 323600	30.40 0.42 0.00	29.22 0.43 0.00	28.63 0.28 0.00	28.81 0.34 0.00	28.96 0.20 -0.27	31.40 0.28 -0.15	39.30 0.39 -3.11	46.12 0.18 -1.25	37.52 0.33 -3.79	32.66 0.41 -0.79	29.39 0.31 -0.61	28.37 0.22 0.00	28.69 0.28 0.00	29.75 0.14 -1.20	30.37 0.06 -1.96	31.54 0.09 -3.05	37.24 0.16 -4.33	48.71 0.17 -7.43	37.91 0.31 -9.10	35.17 0.34 -6.33	32.52 0.35 -3.08	30.83 0.14 -2.28	28.59 0.06 -0.15	27.66 0.08 0.00
BROWNFLS_115KV_TB_3_5 80003	29.86 -0.12 0.00	28.70 -0.09 0.00	28.35 0.00 0.00	28.50 0.03 0.00	28.44 -0.09 -0.03	30.90 -0.09 -0.02	36.19 0.00 -0.39	44.98 0.13 -0.16	33.87 0.00 -0.48	31.41 -0.16 -0.10	28.52 -0.03 -0.08	28.15 0.00 0.00	28.41 0.00 0.00	28.50 -0.06 -0.15	28.60 0.00 -0.25	28.85 0.06 -0.38	33.29 0.00 -0.55	42.05 0.00 -0.93	29.90 0.26 -1.14	29.52 0.23 -0.80	29.65 0.17 -0.39	28.75 0.06 -0.29	28.37 -0.03 -0.02	27.52 -0.06 0.00
BROWNSV1_27_KV_LOAD 356125	32.20 2.22 0.00	30.78 1.99 0.00	30.08 1.73 0.00	30.06 1.59 0.00	31.16 2.02 -0.64	33.74 2.42 -0.35	46.30 3.11 -7.39	51.93 4.25 -3.00	45.47 3.14 -8.94	36.47 3.15 -1.86	32.76 2.85 -1.44	30.82 2.67 0.00	31.02 2.61 0.00	33.88 2.64 -2.83	35.46 2.49 -4.62	38.15 2.56 -7.19	46.05 3.01 -10.29	62.33 3.95 -17.27	52.72 2.79 -21.43	46.03 2.62 -14.92	39.03 2.68 -7.26	36.22 2.44 -5.37	31.09 2.36 -0.36	29.54 1.96 0.00
BURROWS___LYONSDAL 23803	30.52 0.54 0.00	29.36 0.58 0.00	28.89 0.54 0.00	29.01 0.54 0.00	29.08 0.54 -0.04	31.56 0.56 -0.02	37.02 0.72 -0.51	45.61 0.71 -0.21	34.51 0.50 -0.62	31.97 0.38 -0.13	29.08 0.51 -0.10	28.54 0.39 0.00	28.86 0.45 0.00	29.03 0.43 -0.20	29.12 0.45 -0.32	29.47 0.57 -0.50	34.01 0.56 -0.71	42.94 0.62 -1.21	30.83 0.85 -1.48	30.29 0.77 -1.03	30.34 0.76 -0.50	29.35 0.57 -0.37	28.89 0.48 -0.02	27.99 0.41 0.00
CAITHNESS_CC_1 323624	40.52 2.58 -7.96	40.07 2.45 -8.83	38.13 2.15 -7.63	38.13 2.33 -7.33	39.17 2.45 -8.23	41.13 2.91 -7.24	50.74 3.69 -11.25	87.97 4.60 -38.68	47.38 3.57 -10.41	42.01 3.52 -7.02	42.68 3.16 -11.05	41.98 2.95 -10.88	42.48 3.01 -11.06	42.80 2.98 -11.41	43.24 2.86 -12.03	44.88 2.87 -13.61	64.44 3.37 -28.32	78.09 4.40 -32.58	71.22 3.13 -39.59	63.79 2.99 -32.30	51.81 3.02 -19.70	47.67 2.79 -16.47	43.83 2.70 -12.76	41.64 2.26 -11.80
CALPINE BETH_PAGE_GT4 24209	40.19 2.25 -7.96	39.69 2.07 -8.83	37.79 1.81 -7.63	37.54 1.74 -7.33	38.83 2.11 -8.23	40.76 2.54 -7.24	50.08 3.15 -11.13	64.61 4.16 -15.77	46.98 3.11 -10.48	41.59 3.08 -7.05	42.33 2.79 -11.07	41.65 2.62 -10.88	42.08 2.61 -11.06	42.50 2.64 -11.45	42.93 2.49 -12.09	44.60 2.53 -13.66	64.21 3.01 -28.45	77.50 3.86 -32.53	71.01 2.76 -39.75	63.54 2.59 -32.46	51.51 2.68 -19.75	47.38 2.47 -16.50	43.52 2.38 -12.76	41.39 2.01 -11.80
CALPINE_BETH_PAGE_GT_4 323586	40.19 2.25 -7.96	39.69 2.07 -8.83	37.79 1.82 -7.63	37.82 2.02 -7.33	38.83 2.11 -8.23	40.76 2.54 -7.24	50.08 3.15 -11.13	64.56 4.11 -15.77	46.87 3.11 -10.37	41.57 3.09 -7.02	42.31 2.79 -11.05	41.65 2.62 -10.88	42.11 2.64 -11.06	42.43 2.61 -11.41	42.87 2.50 -12.03	44.50 2.53 -13.57	64.07 3.01 -28.32	77.56 3.91 -32.54	70.73 2.76 -39.47	63.41 2.65 -32.26	51.42 2.67 -19.66	47.28 2.44 -16.43	43.52 2.38 -12.76	41.39 2.01 -11.80
CALPINE_BP_GT1 23823	40.19 2.25 -7.96	39.69 2.07 -8.83	37.79 1.82 -7.63	37.82 2.02 -7.33	38.83 2.11 -8.23	40.76 2.54 -7.24	50.08 3.15 -11.13	64.56 4.11 -15.77	46.87 3.11 -10.37	41.57 3.09 -7.02	42.31 2.79 -11.05	41.65 2.62 -10.88	42.11 2.64 -11.06	42.43 2.61 -11.41	42.87 2.50 -12.03	44.50 2.53 -13.57	64.07 3.01 -28.32	77.56 3.91 -32.54	70.73 2.76 -39.47	63.41 2.65 -32.26	51.42 2.67 -19.66	47.28 2.44 -16.43	43.52 2.38 -12.76	41.39 2.01 -11.80
CALSPAN___DRP 24200	28.99 -0.99 0.00	27.95 -0.83 0.00	27.22 -1.13 0.00	27.30 -1.17 0.00	27.22 -1.45 -0.17	29.59 -1.49 -0.10	35.99 -1.83 -2.02	41.94 -3.49 -0.74	33.70 -2.14 -2.44	30.49 -1.48 -0.51	27.30 -1.57 -0.39	26.40 -1.75 0.00	26.62 -1.79 0.00	27.11 -2.07 -0.78	27.32 -2.30 -1.26	28.33 -2.05 -1.97	32.77 -2.52 -2.54	41.74 -3.70 -4.33	32.62 -1.74 -5.86	30.49 -2.08 -4.08	29.62 -1.45 -1.99	27.91 -1.96 -1.47	26.46 -2.01 -0.10	25.90 -1.68 0.00
CALVERTON___SOLAR 323806	40.73 2.79 -7.96	40.24 2.62 -8.83	38.30 2.33 -7.63	38.33 2.53 -7.33	39.34 2.62 -8.23	41.34 3.13 -7.24	51.02 3.97 -11.25	88.31 4.96 -38.66	47.61 3.81 -10.41	42.23 3.74 -7.02	42.85 3.33 -11.05	42.15 3.12 -10.88	42.62 3.15 -11.06	42.97 3.15 -11.41	43.41 3.04 -12.03	45.08 3.07 -13.61	64.73 3.67 -28.32	78.50 4.81 -32.58	71.51 3.42 -39.59	64.05 3.25 -32.30	52.10 3.31 -19.70	47.92 3.04 -16.47	44.03 2.90 -12.76	41.83 2.45 -11.80
CANDIGU_WT_PWR 323617	29.89 -0.09 0.00	28.73 -0.06 0.00	28.04 -0.31 0.00	28.21 -0.26 0.00	28.14 -0.57 -0.21	30.63 -0.46 -0.11	37.58 -0.64 -2.43	44.12 -1.52 -0.95	35.41 -0.90 -2.92	31.51 -0.57 -0.61	28.28 -0.65 -0.47	27.36 -0.79 0.00	27.64 -0.77 0.00	28.23 -1.11 -0.93	28.53 -1.33 -1.51	29.56 -1.19 -2.35	34.57 -1.41 -3.24	44.75 -2.05 -5.70	34.64 -0.85 -7.00	32.57 -0.80 -4.87	30.76 -0.70 -2.37	29.08 -1.08 -1.75	27.33 -1.16 -0.12	26.64 -0.94 0.00

CARR STREET_E_SYR 24060	29.80 -0.18 0.00	28.65 -0.14 0.00	28.10 -0.26 0.00	28.27 -0.20 0.00	28.42 -0.20 -0.12	30.64 -0.40 -0.07	36.66 -0.57 -1.44	44.38 -0.89 -0.58	34.52 -0.60 -1.73	31.35 -0.47 -0.36	28.41 -0.34 -0.28	27.67 -0.48 0.00	27.98 -0.43 0.00	28.53 -0.43 -0.55	28.76 -0.48 -0.89	29.37 -0.43 -1.39	34.11 -0.62 -1.99	43.73 -0.78 -3.40	32.19 -0.46 -4.15	31.04 -0.34 -2.89	30.23 -0.26 -1.41	29.08 -0.37 -1.04	28.05 -0.40 -0.07	27.19 -0.39 0.00
CARTHAGE___PAPER 23857	30.04 0.06 0.00	28.93 0.14 0.00	28.46 0.11 0.00	28.55 0.09 0.00	28.68 0.11 -0.07	31.14 0.12 -0.04	36.92 0.32 -0.80	45.28 0.27 -0.32	34.42 0.07 -0.96	31.51 -0.16 -0.20	28.59 -0.03 -0.16	28.01 -0.14 0.00	28.29 -0.11 0.00	28.57 -0.14 -0.31	28.79 -0.06 -0.50	29.27 0.09 -0.78	33.99 0.13 -1.11	43.17 0.17 -1.90	31.43 0.63 -2.31	30.64 0.54 -1.61	30.33 0.46 -0.78	29.24 0.26 -0.58	28.56 0.14 -0.04	27.63 0.06 0.00
CASSADAGA_WT_PWR 323784	29.29 -0.69 0.00	28.18 -0.61 0.00	27.33 -1.02 0.00	27.47 -1.00 0.00	27.19 -1.48 -0.18	29.59 -1.49 -0.10	36.16 -1.72 -2.08	42.33 -3.13 -0.77	33.88 -2.00 -2.49	30.50 -1.48 -0.52	27.30 -1.57 -0.40	26.46 -1.69 0.00	26.53 -1.88 0.00	26.67 -2.53 -0.79	26.86 -2.78 -1.28	27.93 -2.47 -2.00	32.54 -2.82 -2.62	42.11 -3.74 -4.74	32.69 -1.77 -5.96	30.96 -1.68 -4.15	29.62 -1.48 -2.02	27.88 -2.02 -1.49	26.32 -2.16 -0.10	25.81 -1.77 0.00
CE_DUNWOOD___DRP 24194	31.87 1.89 0.00	30.52 1.73 0.00	29.83 1.47 0.00	29.86 1.39 0.00	30.90 1.77 -0.64	33.50 2.17 -0.35	45.90 2.72 -7.38	51.30 3.62 -2.99	45.02 2.70 -8.92	36.00 2.67 -1.86	32.33 2.42 -1.44	30.40 2.25 0.00	30.65 2.24 0.00	33.51 2.27 -2.83	35.11 2.15 -4.61	37.77 2.19 -7.18	45.61 2.59 -10.28	61.73 3.37 -17.24	52.29 2.39 -21.40	45.64 2.25 -14.90	38.64 2.30 -7.25	35.87 2.10 -5.36	30.75 2.01 -0.36	29.26 1.68 0.00
CE_MILLWOOD___DRP 24193	31.81 1.83 0.00	30.46 1.67 0.00	29.80 1.45 0.00	29.83 1.37 0.00	30.84 1.71 -0.64	33.43 2.11 -0.35	45.80 2.65 -7.35	51.16 3.49 -2.98	44.89 2.60 -8.89	35.90 2.58 -1.85	32.24 2.33 -1.44	30.32 2.17 0.00	30.59 2.19 0.00	33.44 2.22 -2.82	35.01 2.07 -4.59	37.66 2.10 -7.15	45.47 2.49 -10.24	61.55 3.25 -17.18	52.15 2.34 -21.32	45.53 2.19 -14.84	38.55 2.24 -7.23	35.76 2.02 -5.34	30.67 1.93 -0.36	29.18 1.60 0.00
CE_NYC2_DRP 24202	32.11 2.13 0.00	30.72 1.93 0.00	30.02 1.67 0.00	30.00 1.54 0.00	31.07 1.94 -0.64	33.53 2.20 -0.35	45.98 2.79 -7.39	51.57 3.89 -3.00	45.24 2.91 -8.94	36.25 2.93 -1.86	32.56 2.65 -1.44	30.66 2.51 0.00	30.85 2.44 0.00	33.71 2.47 -2.83	35.29 2.32 -4.62	37.95 2.36 -7.19	45.82 2.78 -10.30	62.08 3.70 -17.27	52.52 2.59 -21.43	45.81 2.39 -14.92	38.76 2.41 -7.27	36.02 2.24 -5.37	30.89 2.16 -0.36	29.43 1.85 0.00
CE_NYC_DRP 24195	31.95 1.98 0.00	30.57 1.78 0.00	29.88 1.53 0.00	29.89 1.42 0.00	30.96 1.82 -0.64	33.45 2.23 -0.24	45.15 2.86 -6.49	51.05 3.89 -2.47	44.75 2.91 -8.46	36.16 2.89 -1.80	32.56 2.65 -1.44	30.63 2.48 0.00	30.82 2.41 0.00	33.69 2.44 -2.83	35.26 2.30 -4.62	37.95 2.36 -7.19	45.42 2.75 -9.93	61.73 3.62 -17.00	52.22 2.56 -21.16	45.54 2.39 -14.65	38.79 2.44 -7.26	35.99 2.22 -5.37	30.89 2.16 -0.36	29.34 1.76 0.00
CHAFFEE___LFGE 323603	29.05 -0.93 0.00	28.04 -0.75 0.00	27.27 -1.08 0.00	27.44 -1.02 0.00	27.25 -1.42 -0.18	29.65 -1.42 -0.10	36.13 -1.72 -2.05	42.19 -3.26 -0.76	33.88 -1.97 -2.45	30.53 -1.45 -0.51	27.38 -1.48 -0.40	26.60 -1.55 0.00	26.87 -1.53 0.00	27.20 -1.99 -0.78	27.41 -2.21 -1.27	28.45 -1.93 -1.97	32.96 -2.36 -2.57	42.32 -3.45 -4.66	32.75 -1.62 -5.88	31.05 -1.54 -4.10	29.71 -1.37 -1.99	28.00 -1.88 -1.47	26.49 -1.99 -0.10	25.98 -1.60 0.00
CHATEAUG_35_KV_LOAD 355732	30.52 0.54 0.00	29.25 0.46 0.00	28.97 0.62 0.00	29.15 0.68 0.00	28.92 0.43 0.00	31.51 0.53 0.00	36.44 0.64 0.00	45.63 0.94 0.00	33.96 0.57 0.00	31.90 0.44 0.00	28.89 0.43 0.00	28.74 0.59 0.00	28.98 0.57 0.00	28.83 0.43 0.00	28.72 0.37 0.00	28.63 0.23 0.00	32.91 0.16 0.00	41.40 0.29 0.00	28.49 0.00 0.00	28.55 0.06 0.00	29.08 0.00 0.00	28.44 0.03 0.00	28.27 -0.11 0.00	27.47 -0.11 0.00
CHATEAUG_WT_PWR 323614	30.52 0.54 0.00	29.25 0.46 0.00	28.97 0.62 0.00	28.98 0.51 0.00	28.92 0.43 0.00	31.51 0.53 0.00	36.44 0.65 0.00	45.72 1.03 0.00	34.10 0.70 0.00	32.00 0.53 0.00	28.95 0.48 0.00	28.77 0.62 0.00	28.98 0.57 0.00	28.89 0.48 0.00	28.75 0.40 0.00	28.69 0.28 0.00	32.97 0.23 0.00	41.44 0.33 0.00	28.55 0.06 0.00	28.52 0.03 0.00	29.17 0.09 0.00	28.49 0.09 0.00	28.29 -0.08 0.00	27.47 -0.11 0.00
CHAT_HIGH_FALL_HYD 323578	30.52 0.54 0.00	29.25 0.46 0.00	28.97 0.62 0.00	28.98 0.51 0.00	28.92 0.43 0.00	31.51 0.53 0.00	36.44 0.65 0.00	45.63 0.94 0.00	34.00 0.60 0.00	31.90 0.44 0.00	28.89 0.43 0.00	28.71 0.56 0.00	28.89 0.48 0.00	28.83 0.43 0.00	28.72 0.37 0.00	28.63 0.23 0.00	32.91 0.16 0.00	41.40 0.29 0.00	28.49 0.00 0.00	28.47 -0.03 0.00	29.08 0.00 0.00	28.44 0.03 0.00	28.27 -0.11 0.00	27.47 -0.11 0.00
CHAUTAUQUA___LFGE 323629	29.26 -0.72 0.00	28.21 -0.58 0.00	27.42 -0.93 0.00	27.55 -0.91 0.00	27.39 -1.28 -0.18	29.81 -1.27 -0.10	36.32 -1.54 -2.06	42.46 -2.99 -0.76	34.06 -1.80 -2.47	30.72 -1.26 -0.51	27.56 -1.31 -0.40	26.69 -1.47 0.00	26.90 -1.51 0.00	27.23 -1.96 -0.78	27.41 -2.21 -1.27	28.43 -1.96 -1.98	33.01 -2.32 -2.59	42.52 -3.29 -4.69	32.96 -1.45 -5.92	31.25 -1.37 -4.12	29.90 -1.19 -2.01	28.15 -1.73 -1.48	26.63 -1.84 -0.10	26.06 -1.52 0.00
CHERRYST_13_KV_LD 356241	32.04 2.07 0.00	30.63 1.84 0.00	29.94 1.59 0.00	29.95 1.48 0.00	31.04 1.91 -0.64	33.52 2.29 -0.24	45.22 2.94 -6.49	51.18 4.02 -2.47	44.85 3.01 -8.46	36.25 2.99 -1.80	32.64 2.73 -1.44	30.71 2.56 0.00	30.91 2.50 0.00	33.77 2.53 -2.83	35.35 2.38 -4.62	38.04 2.44 -7.19	45.52 2.85 -9.93	61.85 3.74 -17.00	52.28 2.62 -21.16	45.60 2.45 -14.65	38.88 2.53 -7.26	36.05 2.27 -5.37	30.95 2.21 -0.36	29.40 1.82 0.00
CHESTROR_138KV_BK263 355645	31.48 1.50 0.00	30.17 1.38 0.00	29.54 1.19 0.00	29.58 1.11 0.00	30.51 1.42 -0.59	33.04 1.73 -0.32	44.81 2.18 -6.83	50.27 2.82 -2.77	43.75 2.10 -8.26	35.26 2.08 -1.72	31.65 1.85 -1.33	29.87 1.72 0.00	30.11 1.70 0.00	32.82 1.79 -2.62	34.29 1.67 -4.26	36.72 1.68 -6.64	44.28 2.03 -9.51	59.66 2.63 -15.92	50.20 1.91 -19.80	44.07 1.80 -13.78	37.60 1.80 -6.71	34.98 1.62 -4.96	30.27 1.56 -0.33	28.87 1.30 0.00
CH_MIDHUDSON___DRP 24192	31.81 1.83 0.00	30.49 1.70 0.00	29.83 1.47 0.00	29.89 1.42 0.00	30.89 1.74 -0.65	33.44 2.11 -0.36	45.94 2.58 -7.57	51.02 3.26 -3.07	44.95 2.40 -9.16	35.70 2.33 -1.91	32.02 2.08 -1.48	30.06 1.91 0.00	30.37 1.96 0.00	33.33 2.02 -2.90	35.04 1.96 -4.73	37.76 1.99 -7.36	45.65 2.36 -10.55	62.03 3.04 -17.87	52.61 2.17 -21.95	45.83 2.05 -15.28	38.62 2.09 -7.44	35.81 1.90 -5.50	30.56 1.82 -0.37	29.09 1.52 0.00

CH_MISC_IPPS 23765	31.93 1.95 0.00	30.60 1.81 0.00	29.94 1.59 0.00	30.23 1.77 0.00	31.02 1.88 -0.64	33.56 2.23 -0.35	46.02 2.79 -7.43	51.23 3.53 -3.01	44.90 2.57 -8.93	35.78 2.46 -1.86	32.07 2.16 -1.44	30.15 2.00 0.00	30.48 2.07 0.00	33.37 2.13 -2.83	35.00 2.04 -4.61	37.66 2.07 -7.18	45.52 2.49 -10.29	61.85 3.25 -17.49	52.24 2.34 -21.41	45.62 2.22 -14.90	38.53 2.18 -7.26	35.76 1.99 -5.36	30.61 1.87 -0.36	29.15 1.57 0.00
CH_RES_BVR_FALLS 23983	29.74 -0.24 0.00	28.53 -0.26 0.00	28.18 -0.17 0.00	28.18 -0.28 0.00	28.18 -0.31 0.00	30.61 -0.37 0.00	35.33 -0.47 0.00	44.20 -0.49 0.00	32.96 -0.44 0.00	31.02 -0.44 0.00	28.10 -0.37 0.00	27.87 -0.28 0.00	28.07 -0.34 0.00	28.10 -0.31 0.00	28.07 -0.28 0.00	28.10 -0.31 0.00	32.35 -0.39 0.00	40.66 -0.45 0.00	28.10 -0.40 0.00	28.07 -0.43 0.00	28.62 -0.47 0.00	28.01 -0.40 0.00	27.98 -0.40 0.00	27.25 -0.33 0.00
CH_RES_NIAGARA 23895	28.09 -1.89 0.00	27.09 -1.70 0.00	26.40 -1.96 0.00	26.53 -1.94 0.00	26.72 -1.94 -0.17	29.03 -2.05 -0.09	35.13 -2.61 -1.94	40.64 -4.74 -0.70	32.81 -2.91 -2.33	29.65 -2.30 -0.48	26.59 -2.25 -0.38	25.56 -2.59 0.00	25.82 -2.58 0.00	26.45 -2.70 -0.74	26.66 -2.89 -1.20	27.69 -2.58 -1.87	31.80 -3.31 -2.36	40.56 -4.89 -4.34	31.62 -2.45 -5.58	30.10 -2.28 -3.88	28.85 -2.12 -1.89	27.19 -2.61 -1.40	25.89 -2.58 -0.09	25.10 -2.48 0.00
CH_RES_SYRACUSE 23985	30.04 0.06 0.00	28.85 0.06 0.00	28.32 -0.03 0.00	28.50 0.03 0.00	28.63 0.00 -0.13	30.96 -0.09 -0.07	37.22 -0.11 -1.53	45.00 -0.31 -0.62	35.03 -0.20 -1.83	31.72 -0.13 -0.38	28.65 -0.11 -0.30	27.90 -0.25 0.00	28.21 -0.20 0.00	28.79 -0.20 -0.58	29.07 -0.23 -0.95	29.71 -0.17 -1.47	34.66 -0.20 -2.11	44.47 -0.29 -3.64	32.78 -0.11 -4.40	31.47 -0.09 -3.06	30.55 -0.03 -1.49	29.34 -0.17 -1.10	28.22 -0.23 -0.07	27.39 -0.19 0.00
CLINTON_WT_PWR 323605	30.52 0.54 0.00	29.25 0.46 0.00	28.97 0.62 0.00	28.98 0.51 0.00	28.92 0.43 0.00	31.51 0.53 0.00	36.44 0.65 0.00	45.72 1.03 0.00	34.10 0.70 0.00	32.00 0.53 0.00	28.95 0.48 0.00	28.77 0.62 0.00	28.98 0.57 0.00	28.89 0.48 0.00	28.75 0.40 0.00	28.69 0.28 0.00	32.97 0.23 0.00	41.44 0.33 0.00	28.55 0.06 0.00	28.52 0.03 0.00	29.17 0.09 0.00	28.49 0.09 0.00	28.29 -0.08 0.00	27.47 -0.11 0.00
CLINTON__LFGE 323618	30.88 0.90 0.00	29.59 0.80 0.00	29.32 0.96 0.00	29.32 0.85 0.00	29.23 0.74 0.00	31.91 0.93 0.00	36.94 1.15 0.00	46.61 1.92 0.00	34.76 1.37 0.00	32.56 1.10 0.00	29.44 0.97 0.00	29.22 1.07 0.00	29.43 1.02 0.00	29.34 0.94 0.00	29.23 0.88 0.00	29.17 0.77 0.00	33.56 0.82 0.00	42.26 1.15 0.00	29.15 0.66 0.00	29.06 0.57 0.00	29.72 0.64 0.00	28.92 0.51 0.00	28.69 0.31 0.00	27.83 0.25 0.00
COBBLENY_34_KV_TB1 80064	29.05 -0.93 0.00	28.04 -0.75 0.00	27.30 -1.05 0.00	27.38 -1.08 0.00	27.25 -1.42 -0.18	29.65 -1.43 -0.10	36.09 -1.75 -2.05	42.18 -3.26 -0.76	33.87 -2.00 -2.48	30.60 -1.38 -0.52	27.39 -1.48 -0.40	26.52 -1.63 0.00	26.73 -1.68 0.00	27.21 -1.99 -0.79	27.42 -2.21 -1.28	28.47 -1.93 -2.00	32.99 -2.36 -2.60	42.08 -3.45 -4.42	32.82 -1.62 -5.95	30.64 -1.99 -4.14	29.73 -1.37 -2.02	27.99 -1.90 -1.49	26.49 -1.99 -0.10	25.98 -1.60 0.00
COFFEEN__115KV_TB3 355620	30.34 0.36 0.00	29.28 0.49 0.00	28.69 0.34 0.00	28.84 0.37 0.00	28.98 0.40 -0.08	31.49 0.46 -0.05	37.59 0.82 -0.97	45.75 0.67 -0.39	34.93 0.37 -1.17	31.71 0.00 -0.24	28.66 0.00 -0.19	27.95 -0.20 0.00	28.24 -0.17 0.00	28.61 -0.17 -0.37	28.90 -0.06 -0.60	29.52 0.17 -0.94	34.48 0.39 -1.35	44.06 0.66 -2.28	32.27 0.97 -2.80	31.27 0.83 -1.95	30.82 0.79 -0.95	29.59 0.48 -0.70	28.77 0.34 -0.05	27.80 0.22 0.00
COLDSPRG_115KV_BK1 355956	29.77 -0.21 0.00	28.70 -0.09 0.00	27.87 -0.48 0.00	27.95 -0.51 0.00	27.54 -1.14 -0.18	29.99 -1.08 -0.10	36.75 -1.15 -2.10	43.24 -2.23 -0.79	34.50 -1.44 -2.54	31.11 -0.88 -0.53	27.85 -1.02 -0.41	27.19 -0.96 0.00	27.30 -1.11 0.00	27.45 -1.76 -0.81	27.57 -2.10 -1.31	28.58 -1.87 -2.05	33.38 -2.06 -2.70	42.93 -2.75 -4.57	33.37 -1.23 -6.10	31.17 -1.57 -4.25	30.13 -1.02 -2.07	28.40 -1.53 -1.53	26.75 -1.73 -0.10	26.47 -1.10 0.00
COLONIE_LFGE__ 323577	31.27 1.29 0.00	30.03 1.24 0.00	29.46 1.10 0.00	29.72 1.25 0.00	30.62 1.31 -0.81	33.06 1.64 -0.44	47.01 1.82 -9.38	50.64 2.14 -3.81	46.44 1.67 -11.38	35.41 1.57 -2.37	31.70 1.39 -1.84	29.42 1.27 0.00	29.80 1.39 0.00	33.41 1.39 -3.61	35.62 1.39 -5.88	38.98 1.42 -9.15	47.46 1.60 -13.11	65.41 2.01 -22.29	57.24 1.45 -27.29	48.91 1.42 -19.00	39.82 1.48 -9.25	36.60 1.36 -6.83	30.23 1.39 -0.46	28.74 1.16 0.00
COOPERNY_115KV_TB1 80082	31.12 1.14 0.00	29.83 1.04 0.00	29.23 0.88 0.00	29.29 0.83 0.00	30.01 1.05 -0.46	32.53 1.30 -0.25	42.81 1.65 -5.37	48.97 2.10 -2.18	41.49 1.60 -6.49	34.39 1.57 -1.35	30.94 1.42 -1.05	29.45 1.29 0.00	29.71 1.31 0.00	31.80 1.34 -2.06	32.92 1.22 -3.35	34.88 1.25 -5.22	41.73 1.51 -7.48	55.62 1.93 -12.57	45.49 1.42 -15.57	40.67 1.34 -10.84	35.76 1.40 -5.28	33.53 1.22 -3.90	29.80 1.16 -0.26	28.54 0.97 0.00
COPENHAGEN_WT_PWR 323753	30.10 0.12 0.00	29.02 0.23 0.00	28.49 0.14 0.00	28.61 0.14 0.00	28.75 0.17 -0.09	31.21 0.19 -0.05	37.22 0.43 -0.99	45.31 0.22 -0.40	34.66 0.07 -1.19	31.52 -0.19 -0.25	28.49 -0.17 -0.19	27.81 -0.34 0.00	28.12 -0.28 0.00	28.47 -0.31 -0.38	28.74 -0.23 -0.62	29.34 -0.03 -0.96	34.22 0.10 -1.38	43.71 0.25 -2.35	31.96 0.60 -2.86	31.03 0.54 -1.99	30.52 0.46 -0.97	29.32 0.20 -0.72	28.51 0.09 -0.05	27.58 0.00 0.00
CORNELL____ 23752	30.79 0.81 0.00	29.62 0.83 0.00	29.03 0.68 0.00	29.12 0.65 0.00	29.36 0.66 -0.21	31.87 0.77 -0.11	39.16 0.97 -2.40	46.67 1.03 -0.96	37.17 0.90 -2.87	32.94 0.88 -0.60	29.64 0.71 -0.46	28.66 0.51 0.00	28.98 0.57 0.00	29.89 0.57 -0.91	30.35 0.51 -1.48	31.26 0.54 -2.31	36.78 0.75 -3.28	47.56 0.86 -5.58	36.21 0.83 -6.89	34.01 0.71 -4.80	32.26 0.84 -2.34	30.70 0.57 -1.73	28.95 0.45 -0.12	27.99 0.41 0.00
CORONAAV_69_KV_TB1 355595	40.46 2.52 -7.96	39.92 2.30 -8.83	38.02 2.04 -7.63	37.76 1.96 -7.33	39.03 2.31 -8.23	40.97 2.76 -7.24	50.40 3.47 -11.13	65.01 4.56 -15.77	47.25 3.37 -10.48	41.81 3.30 -7.05	42.53 2.99 -11.07	41.84 2.82 -10.88	42.28 2.81 -11.06	42.70 2.84 -11.45	43.13 2.69 -12.09	44.85 2.78 -13.66	64.47 3.27 -28.45	77.91 4.28 -32.53	71.26 3.02 -39.75	63.86 2.91 -32.46	51.80 2.97 -19.75	47.61 2.70 -16.50	43.75 2.61 -12.76	41.61 2.23 -11.80
CORTLAND_115KV_TB3 80093	30.52 0.54 0.00	29.34 0.55 0.00	28.78 0.43 0.00	28.87 0.40 0.00	29.07 0.40 -0.18	31.54 0.46 -0.10	38.46 0.61 -2.05	46.09 0.58 -0.83	36.37 0.50 -2.47	32.51 0.53 -0.51	29.29 0.43 -0.40	28.43 0.28 0.00	28.72 0.31 0.00	29.50 0.31 -0.78	29.88 0.26 -1.28	30.68 0.28 -1.99	35.97 0.39 -2.83	46.42 0.49 -4.82	34.91 0.48 -5.93	33.02 0.40 -4.13	31.62 0.52 -2.01	30.20 0.31 -1.48	28.71 0.23 -0.10	27.80 0.22 0.00

COXSACKIE___GT 23611	32.47 2.49 0.00	31.23 2.45 0.00	30.59 2.24 0.00	30.88 2.42 0.00	31.55 2.31 -0.75	34.21 2.82 -0.41	47.61 3.15 -8.66	51.64 3.44 -3.51	46.53 2.61 -10.53	35.70 2.04 -2.19	31.67 1.51 -1.70	29.50 1.35 0.00	29.97 1.56 0.00	33.51 1.76 -3.34	35.69 1.90 -5.44	38.92 2.05 -8.47	47.40 2.52 -12.13	65.24 3.49 -20.63	56.32 2.57 -25.26	48.44 2.36 -17.58	39.83 2.18 -8.56	36.66 1.93 -6.32	30.79 1.99 -0.42	29.29 1.71 0.00
CPV_VALLEY___CC1 323721	31.24 1.26 0.00	29.94 1.15 0.00	29.32 0.96 0.00	29.58 1.11 0.00	30.21 1.17 -0.55	32.73 1.46 -0.30	43.97 1.86 -6.31	49.66 2.41 -2.56	42.74 1.84 -7.51	34.85 1.82 -1.56	31.33 1.65 -1.21	29.67 1.52 0.00	29.97 1.56 0.00	32.35 1.56 -2.38	33.67 1.45 -3.88	35.92 1.48 -6.04	43.16 1.77 -8.65	58.13 2.30 -14.72	48.16 1.65 -18.01	42.63 1.59 -12.54	36.76 1.57 -6.11	34.31 1.39 -4.51	30.01 1.33 -0.30	28.68 1.10 0.00
CPV_VALLEY___CC2 323722	31.24 1.26 0.00	29.94 1.15 0.00	29.32 0.96 0.00	29.58 1.11 0.00	30.21 1.17 -0.55	32.73 1.46 -0.30	43.97 1.86 -6.31	49.66 2.41 -2.56	42.74 1.84 -7.51	34.85 1.82 -1.56	31.33 1.65 -1.21	29.67 1.52 0.00	29.97 1.56 0.00	32.35 1.56 -2.38	33.67 1.45 -3.88	35.92 1.48 -6.04	43.16 1.77 -8.65	58.13 2.30 -14.72	48.16 1.65 -18.01	42.63 1.59 -12.54	36.76 1.57 -6.11	34.31 1.39 -4.51	30.01 1.33 -0.30	28.68 1.10 0.00
CRESCENT___HYD 24018	31.27 1.29 0.00	30.03 1.24 0.00	29.46 1.10 0.00	29.72 1.25 0.00	30.62 1.31 -0.81	33.06 1.64 -0.44	47.01 1.82 -9.38	50.64 2.14 -3.81	46.44 1.67 -11.38	35.41 1.57 -2.37	31.70 1.39 -1.84	29.42 1.27 0.00	29.80 1.39 0.00	33.41 1.39 -3.61	35.62 1.39 -5.88	38.98 1.42 -9.15	47.46 1.60 -13.11	65.41 2.01 -22.29	57.24 1.45 -27.29	48.91 1.42 -19.00	39.82 1.48 -9.25	36.60 1.36 -6.83	30.23 1.39 -0.46	28.74 1.16 0.00
CRICKET___VALLEY_CC1 323756	31.63 1.65 0.00	30.34 1.55 0.00	29.71 1.36 0.00	30.00 1.54 0.00	30.77 1.59 -0.68	33.30 1.95 -0.37	45.94 2.29 -7.85	50.69 2.82 -3.19	45.05 2.24 -9.42	35.59 2.17 -1.96	31.98 1.99 -1.52	30.04 1.89 0.00	30.34 1.93 0.00	33.33 1.93 -2.99	35.09 1.87 -4.86	37.86 1.87 -7.58	45.79 2.19 -10.85	62.32 2.75 -18.46	53.05 1.96 -22.59	46.16 1.94 -15.72	38.75 2.01 -7.66	35.91 1.85 -5.65	30.57 1.82 -0.38	29.09 1.52 0.00
CRICKET___VALLEY_CC2 323757	31.63 1.65 0.00	30.34 1.55 0.00	29.71 1.36 0.00	30.00 1.54 0.00	30.77 1.59 -0.68	33.30 1.95 -0.37	45.94 2.29 -7.85	50.69 2.82 -3.19	45.05 2.24 -9.42	35.59 2.17 -1.96	31.98 1.99 -1.52	30.04 1.89 0.00	30.34 1.93 0.00	33.33 1.93 -2.99	35.09 1.87 -4.86	37.86 1.87 -7.58	45.79 2.19 -10.85	62.32 2.75 -18.46	53.05 1.96 -22.59	46.16 1.94 -15.72	38.75 2.01 -7.66	35.91 1.85 -5.65	30.57 1.82 -0.38	29.09 1.52 0.00
CRICKET___VALLEY_CC3 323758	31.63 1.65 0.00	30.34 1.55 0.00	29.71 1.36 0.00	30.00 1.54 0.00	30.77 1.59 -0.68	33.30 1.95 -0.37	45.94 2.29 -7.85	50.69 2.82 -3.19	45.05 2.24 -9.42	35.59 2.17 -1.96	31.98 1.99 -1.52	30.04 1.89 0.00	30.34 1.93 0.00	33.33 1.93 -2.99	35.09 1.87 -4.86	37.86 1.87 -7.58	45.79 2.19 -10.85	62.32 2.75 -18.46	53.05 1.96 -22.59	46.16 1.94 -15.72	38.75 2.01 -7.66	35.91 1.85 -5.65	30.57 1.82 -0.38	29.09 1.52 0.00
CRUCIBLE_METL_DRP 24180	30.04 0.06 0.00	28.85 0.06 0.00	28.32 -0.03 0.00	28.44 -0.03 0.00	28.63 0.00 -0.13	30.96 -0.09 -0.07	37.22 -0.11 -1.53	44.99 -0.31 -0.62	35.04 -0.20 -1.84	31.72 -0.13 -0.38	28.65 -0.11 -0.30	27.87 -0.28 0.00	28.18 -0.23 0.00	28.79 -0.20 -0.58	29.08 -0.23 -0.95	29.72 -0.17 -1.48	34.67 -0.20 -2.12	44.43 -0.29 -3.60	32.80 -0.11 -4.42	31.40 -0.17 -3.08	30.55 -0.03 -1.50	29.34 -0.17 -1.11	28.23 -0.23 -0.07	27.38 -0.19 0.00
DAHOWA___HYDRO 323763	31.60 1.62 0.00	30.37 1.58 0.00	29.77 1.42 0.00	30.03 1.56 0.00	31.03 1.71 -0.82	33.56 2.14 -0.45	47.86 2.54 -9.52	51.50 2.95 -3.86	47.09 2.14 -11.55	35.82 1.95 -2.41	32.01 1.68 -1.86	29.64 1.49 0.00	30.05 1.65 0.00	33.72 1.65 -3.66	35.99 1.67 -5.97	39.37 1.68 -9.29	47.95 1.90 -13.31	66.29 2.55 -22.62	58.02 1.83 -27.70	49.49 1.71 -19.28	40.19 1.72 -9.39	36.79 1.45 -6.94	30.46 1.62 -0.46	28.98 1.41 0.00
DANC___LFGE 323619	29.89 -0.09 0.00	28.79 0.00 0.00	28.24 -0.11 0.00	28.38 -0.09 0.00	28.54 -0.06 -0.10	30.94 -0.09 -0.05	36.92 0.00 -1.12	44.88 -0.27 -0.46	34.48 -0.27 -1.35	31.37 -0.38 -0.28	28.34 -0.34 -0.22	27.64 -0.51 0.00	27.95 -0.46 0.00	28.35 -0.48 -0.43	28.63 -0.42 -0.70	29.18 -0.31 -1.09	34.04 -0.26 -1.56	43.53 -0.25 -2.66	31.88 0.14 -3.25	30.84 0.09 -2.26	30.24 0.06 -1.10	29.11 -0.11 -0.81	28.26 -0.17 -0.05	27.36 -0.22 0.00
DANSKAMMER___1 23586	31.93 1.95 0.00	30.60 1.81 0.00	29.94 1.59 0.00	30.23 1.77 0.00	31.02 1.88 -0.64	33.56 2.23 -0.35	46.02 2.79 -7.43	51.23 3.53 -3.01	44.90 2.57 -8.93	35.78 2.46 -1.86	32.07 2.16 -1.44	30.15 2.00 0.00	30.48 2.07 0.00	33.37 2.13 -2.83	35.00 2.04 -4.61	37.66 2.07 -7.18	45.52 2.49 -10.29	61.85 3.25 -17.49	52.24 2.34 -21.41	45.62 2.22 -14.90	38.53 2.18 -7.26	35.76 1.99 -5.36	30.61 1.87 -0.36	29.15 1.57 0.00
DANSKAMMER___2 23589	31.93 1.95 0.00	30.60 1.81 0.00	29.94 1.59 0.00	30.23 1.77 0.00	31.02 1.88 -0.64	33.56 2.23 -0.35	46.02 2.79 -7.43	51.23 3.53 -3.01	44.90 2.57 -8.93	35.78 2.46 -1.86	32.07 2.16 -1.44	30.15 2.00 0.00	30.48 2.07 0.00	33.37 2.13 -2.83	35.00 2.04 -4.61	37.66 2.07 -7.18	45.52 2.49 -10.29	61.85 3.25 -17.49	52.24 2.34 -21.41	45.62 2.22 -14.90	38.53 2.18 -7.26	35.76 1.99 -5.36	30.61 1.87 -0.36	29.15 1.57 0.00
DANSKAMMER___3 23590	31.93 1.95 0.00	30.60 1.81 0.00	29.94 1.59 0.00	30.23 1.77 0.00	31.02 1.88 -0.64	33.56 2.23 -0.35	46.02 2.79 -7.43	51.23 3.53 -3.01	44.90 2.57 -8.93	35.78 2.46 -1.86	32.07 2.16 -1.44	30.15 2.00 0.00	30.48 2.07 0.00	33.37 2.13 -2.83	35.00 2.04 -4.61	37.66 2.07 -7.18	45.52 2.49 -10.29	61.85 3.25 -17.49	52.24 2.34 -21.41	45.62 2.22 -14.90	38.53 2.18 -7.26	35.76 1.99 -5.36	30.61 1.87 -0.36	29.15 1.57 0.00
DANSKAMMER___4 23591	31.93 1.95 0.00	30.60 1.81 0.00	29.94 1.59 0.00	30.23 1.77 0.00	31.02 1.88 -0.64	33.56 2.23 -0.35	46.02 2.79 -7.43	51.23 3.53 -3.01	44.90 2.57 -8.93	35.78 2.46 -1.86	32.07 2.16 -1.44	30.15 2.00 0.00	30.48 2.07 0.00	33.37 2.13 -2.83	35.00 2.04 -4.61	37.66 2.07 -7.18	45.52 2.49 -10.29	61.85 3.25 -17.49	52.24 2.34 -21.41	45.62 2.22 -14.90	38.53 2.18 -7.26	35.76 1.99 -5.36	30.61 1.87 -0.36	29.15 1.57 0.00
DANSKAMMER___DIESEL 23592	31.93 1.95 0.00	30.60 1.81 0.00	29.94 1.59 0.00	30.00 1.54 0.00	31.02 1.88 -0.64	33.56 2.23 -0.35	46.02 2.79 -7.43	51.23 3.53 -3.01	44.95 2.57 -8.98	35.79 2.45 -1.87	32.08 2.16 -1.45	30.15 2.00 0.00	30.42 2.02 0.00	33.39 2.13 -2.85	35.03 2.04 -4.64	37.70 2.07 -7.22	45.58 2.49 -10.35	61.84 3.25 -17.48	52.37 2.34 -21.54	45.68 2.19 -14.99	38.57 2.18 -7.30	35.79 1.99 -5.39	30.61 1.87 -0.36	29.15 1.57 0.00

DARBY___SOLAR 323810	31.54 1.56 0.00	30.31 1.52 0.00	29.74 1.39 0.00	29.97 1.51 0.00	30.94 1.62 -0.82	33.47 2.04 -0.45	47.74 2.44 -9.50	51.32 2.77 -3.86	46.99 2.07 -11.53	35.75 1.89 -2.40	31.98 1.65 -1.86	29.61 1.46 0.00	30.03 1.62 0.00	33.68 1.62 -3.66	35.95 1.64 -5.95	39.30 1.62 -9.27	47.85 1.83 -13.28	66.11 2.43 -22.58	57.88 1.74 -27.64	49.39 1.65 -19.24	40.11 1.66 -9.37	36.75 1.42 -6.92	30.40 1.56 -0.46	28.96 1.38 0.00
DASHVILLE___HYD 23610	31.75 1.77 0.00	30.43 1.64 0.00	29.77 1.42 0.00	29.83 1.37 0.00	30.35 1.20 -0.66	33.04 1.70 -0.36	45.41 1.97 -7.64	50.33 2.55 -3.10	44.71 2.07 -9.24	35.34 1.95 -1.92	31.69 1.74 -1.49	29.73 1.58 0.00	29.97 1.56 0.00	33.04 1.70 -2.93	34.74 1.62 -4.77	37.49 1.65 -7.43	45.35 1.96 -10.64	62.00 2.59 -18.30	52.50 1.85 -22.16	45.69 1.77 -15.42	38.37 1.77 -7.51	35.57 1.62 -5.55	30.28 1.53 -0.37	28.87 1.30 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	41.27 3.33 -7.96	40.79 3.17 -8.83	38.81 2.84 -7.63	38.56 2.76 -7.33	39.86 3.13 -8.23	41.93 3.72 -7.24	51.77 4.73 -11.25	89.22 5.90 -38.63	48.46 4.54 -10.52	42.85 4.34 -7.05	43.41 3.87 -11.07	42.63 3.60 -10.88	43.11 3.64 -11.06	43.52 3.66 -11.45	44.01 3.57 -12.09	45.74 3.64 -13.70	65.62 4.42 -28.45	79.44 5.76 -32.57	72.47 4.10 -39.87	64.90 3.90 -32.50	52.83 3.96 -19.79	48.59 3.64 -16.54	44.57 3.43 -12.76	42.30 2.92 -11.80
DELAWARE___LFGE 323621	31.09 1.11 0.00	29.88 1.09 0.00	29.31 0.96 0.00	29.38 0.91 0.00	29.81 1.00 -0.32	32.39 1.24 -0.17	41.05 1.58 -3.68	47.96 1.79 -1.49	39.25 1.40 -4.45	33.74 1.35 -0.93	30.38 1.20 -0.72	29.19 1.04 0.00	29.49 1.08 0.00	30.90 1.08 -1.41	31.67 1.02 -2.30	33.06 1.08 -3.58	39.16 1.31 -5.11	51.41 1.60 -8.69	40.44 1.28 -10.67	37.12 1.20 -7.43	33.95 1.25 -3.62	32.13 1.05 -2.67	29.52 0.96 -0.18	28.41 0.83 0.00
DERFIELD_115KV_TB7 355931	30.16 0.18 0.00	28.96 0.17 0.00	28.49 0.14 0.00	28.61 0.14 0.00	28.68 0.17 -0.02	31.17 0.19 -0.01	36.21 0.21 -0.19	44.99 0.22 -0.08	33.83 0.20 -0.24	31.67 0.16 -0.05	28.65 0.14 -0.04	28.29 0.14 0.00	28.55 0.14 0.00	28.62 0.14 -0.07	28.61 0.14 -0.12	28.77 0.17 -0.19	33.21 0.20 -0.27	41.82 0.25 -0.46	29.26 0.20 -0.56	29.06 0.17 -0.39	29.45 0.17 -0.19	28.69 0.14 -0.14	28.53 0.14 -0.01	27.69 0.11 0.00
DOGLEVILLE___HYD 23807	31.54 1.56 0.00	30.31 1.52 0.00	29.80 1.45 0.00	29.92 1.45 0.00	29.94 1.42 -0.02	32.57 1.58 -0.01	37.82 1.82 -0.19	46.87 2.10 -0.08	35.20 1.57 -0.24	32.99 1.48 -0.05	29.84 1.34 -0.04	29.42 1.27 0.00	29.71 1.31 0.00	29.73 1.25 -0.07	29.66 1.19 -0.12	29.82 1.22 -0.19	34.49 1.47 -0.27	43.38 1.81 -0.46	30.37 1.31 -0.56	30.11 1.22 -0.39	30.41 1.13 -0.19	29.57 1.02 -0.14	29.35 0.97 -0.01	28.46 0.88 0.00
DUNKIRK___115KV_TB_200 55889	29.26 -0.72 0.00	28.21 -0.58 0.00	27.42 -0.94 0.00	27.50 -0.97 0.00	27.42 -1.25 -0.18	29.84 -1.24 -0.10	36.36 -1.50 -2.06	42.50 -2.95 -0.76	34.09 -1.80 -2.49	30.79 -1.20 -0.52	27.56 -1.31 -0.40	26.63 -1.52 0.00	26.79 -1.62 0.00	27.30 -1.90 -0.79	27.48 -2.15 -1.29	28.51 -1.90 -2.01	33.10 -2.26 -2.62	42.27 -3.29 -4.45	33.02 -1.45 -5.98	30.86 -1.80 -4.16	29.92 -1.19 -2.03	28.20 -1.70 -1.50	26.69 -1.79 -0.10	26.09 -1.49 0.00
DUNKIRK___1 23563	29.26 -0.72 0.00	28.21 -0.58 0.00	27.42 -0.94 0.00	27.50 -0.97 0.00	27.42 -1.25 -0.18	29.84 -1.24 -0.10	36.36 -1.50 -2.06	42.50 -2.95 -0.76	34.09 -1.80 -2.49	30.79 -1.20 -0.52	27.56 -1.31 -0.40	26.63 -1.52 0.00	26.79 -1.62 0.00	27.30 -1.90 -0.79	27.48 -2.15 -1.29	28.51 -1.90 -2.01	33.10 -2.26 -2.62	42.27 -3.29 -4.45	33.02 -1.45 -5.98	30.86 -1.80 -4.16	29.92 -1.19 -2.03	28.20 -1.70 -1.50	26.69 -1.79 -0.10	26.09 -1.49 0.00
DUNKIRK___2 23564	29.26 -0.72 0.00	28.21 -0.58 0.00	27.42 -0.94 0.00	27.50 -0.97 0.00	27.42 -1.25 -0.18	29.84 -1.24 -0.10	36.36 -1.50 -2.06	42.50 -2.95 -0.76	34.09 -1.80 -2.49	30.79 -1.20 -0.52	27.56 -1.31 -0.40	26.63 -1.52 0.00	26.79 -1.62 0.00	27.30 -1.90 -0.79	27.48 -2.15 -1.29	28.51 -1.90 -2.01	33.10 -2.26 -2.62	42.27 -3.29 -4.45	33.02 -1.45 -5.98	30.86 -1.80 -4.16	29.92 -1.19 -2.03	28.20 -1.70 -1.50	26.69 -1.79 -0.10	26.09 -1.49 0.00
DUNKIRK___3 23565	29.23 -0.75 0.00	28.16 -0.63 0.00	27.39 -0.96 0.00	27.47 -1.00 0.00	27.36 -1.31 -0.18	29.78 -1.30 -0.10	36.25 -1.61 -2.06	42.41 -3.04 -0.77	34.02 -1.87 -2.50	30.73 -1.26 -0.52	27.50 -1.37 -0.40	26.63 -1.52 0.00	26.82 -1.59 0.00	27.30 -1.90 -0.79	27.46 -2.18 -1.29	28.46 -1.96 -2.01	33.05 -2.32 -2.63	42.24 -3.33 -4.46	32.98 -1.51 -5.99	30.84 -1.82 -4.17	29.87 -1.25 -2.03	28.15 -1.76 -1.50	26.63 -1.84 -0.10	26.12 -1.46 0.00
DUNKIRK___4 23566	29.17 -0.81 0.00	28.13 -0.66 0.00	27.33 -1.02 0.00	27.41 -1.05 0.00	27.33 -1.34 -0.18	29.71 -1.36 -0.10	36.19 -1.65 -2.04	42.27 -3.17 -0.75	33.93 -1.94 -2.47	30.66 -1.32 -0.51	27.44 -1.42 -0.40	26.55 -1.60 0.00	26.73 -1.68 0.00	27.20 -1.99 -0.78	27.39 -2.24 -1.27	28.40 -1.99 -1.98	32.93 -2.39 -2.58	42.04 -3.45 -4.38	32.85 -1.57 -5.92	30.71 -1.91 -4.12	29.78 -1.31 -2.01	28.07 -1.82 -1.48	26.58 -1.90 -0.10	26.01 -1.57 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.90 1.92 0.00	30.54 1.76 0.00	29.88 1.53 0.00	29.89 1.42 0.00	30.96 1.82 -0.64	33.56 2.23 -0.35	46.05 2.86 -7.39	51.48 3.80 -3.00	45.14 2.81 -8.94	36.12 2.80 -1.86	32.44 2.53 -1.44	30.51 2.36 0.00	30.77 2.36 0.00	33.63 2.39 -2.83	35.21 2.24 -4.62	37.90 2.30 -7.19	45.75 2.72 -10.29	61.92 3.54 -17.27	52.43 2.51 -21.43	45.78 2.37 -14.92	38.76 2.41 -7.26	35.96 2.19 -5.36	30.84 2.10 -0.36	29.32 1.74 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.69 1.71 0.00	30.34 1.55 0.00	29.71 1.36 0.00	29.75 1.28 0.00	30.71 1.60 -0.62	33.24 1.92 -0.34	45.41 2.43 -7.18	50.73 3.13 -2.91	44.38 2.30 -8.68	35.50 2.23 -1.81	31.83 1.96 -1.40	29.98 1.83 0.00	30.23 1.82 0.00	33.06 1.90 -2.75	34.65 1.81 -4.48	37.23 1.85 -6.98	44.97 2.23 -10.00	60.85 2.88 -16.86	51.39 2.08 -20.81	44.92 1.94 -14.49	38.12 1.98 -7.05	35.41 1.79 -5.21	30.40 1.67 -0.35	28.98 1.41 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.17 2.19 0.00	30.75 1.96 0.00	30.02 1.67 0.00	29.98 1.51 0.00	31.07 1.94 -0.64	33.37 2.04 -0.35	45.76 2.58 -7.39	51.35 3.66 -3.00	45.07 2.74 -8.94	36.09 2.77 -1.86	32.41 2.51 -1.44	30.51 2.36 0.00	30.71 2.30 0.00	33.57 2.33 -2.83	35.15 2.18 -4.62	37.81 2.22 -7.19	45.66 2.62 -10.30	61.88 3.49 -17.27	52.35 2.42 -21.43	45.67 2.25 -14.92	38.62 2.27 -7.27	35.88 2.10 -5.37	30.75 2.01 -0.36	29.34 1.76 0.00
E179THST_13_KV_LOAD 356214	32.29 2.31 0.00	30.86 2.07 0.00	30.11 1.76 0.00	30.09 1.62 0.00	31.19 2.05 -0.64	33.47 2.14 -0.35	45.94 2.76 -7.39	51.57 3.89 -3.00	45.24 2.91 -8.94	36.25 2.93 -1.86	32.56 2.65 -1.44	30.66 2.51 0.00	30.82 2.41 0.00	33.69 2.44 -2.83	35.26 2.30 -4.62	37.95 2.36 -7.19	45.82 2.78 -10.30	62.08 3.70 -17.27	52.52 2.59 -21.43	45.81 2.39 -14.92	38.73 2.38 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.45 1.88 0.00

EAST HAMPTON___GT 23717	41.60 3.66 -7.96	41.07 3.45 -8.83	39.12 3.15 -7.63	39.16 3.36 -7.33	40.14 3.42 -8.23	42.27 4.06 -7.24	52.27 5.23 -11.25	89.79 6.48 -38.63	48.78 4.98 -10.41	43.24 4.75 -7.02	43.73 4.21 -11.05	42.97 3.94 -10.88	43.45 3.98 -11.06	43.80 3.98 -11.41	44.26 3.88 -12.03	46.02 4.01 -13.61	65.94 4.88 -28.32	80.07 6.37 -32.58	72.62 4.53 -39.59	65.13 4.33 -32.30	53.14 4.36 -19.70	48.86 3.98 -16.47	44.88 3.75 -12.76	42.57 3.20 -11.80
EAST RIVER___6 23660	31.74 1.77 0.00	30.40 1.61 0.00	29.71 1.36 0.00	30.03 1.56 0.00	30.79 1.65 -0.64	33.21 1.98 -0.24	44.90 2.61 -6.49	50.83 3.67 -2.47	44.47 2.74 -8.34	36.01 2.77 -1.78	32.42 2.53 -1.42	30.57 2.42 0.00	30.79 2.39 0.00	33.51 2.30 -2.80	35.06 2.15 -4.56	37.72 2.22 -7.09	45.16 2.62 -9.80	61.58 3.45 -17.01	51.80 2.42 -20.88	45.23 2.28 -14.46	38.52 2.27 -7.17	35.78 2.07 -5.30	30.75 2.02 -0.35	29.20 1.63 0.00
EAST RIVER___7 23524	31.74 1.77 0.00	30.40 1.61 0.00	29.71 1.36 0.00	30.03 1.56 0.00	30.79 1.65 -0.64	33.21 1.98 -0.24	44.90 2.61 -6.49	50.83 3.67 -2.47	44.47 2.74 -8.34	36.01 2.77 -1.78	32.42 2.53 -1.42	30.57 2.42 0.00	30.79 2.39 0.00	33.51 2.30 -2.80	35.06 2.15 -4.56	37.72 2.22 -7.09	45.16 2.62 -9.80	61.58 3.45 -17.01	51.80 2.42 -20.88	45.23 2.28 -14.46	38.52 2.27 -7.17	35.78 2.07 -5.30	30.75 2.02 -0.35	29.20 1.63 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.87 1.89 0.00	30.52 1.73 0.00	29.83 1.47 0.00	29.86 1.39 0.00	30.90 1.77 -0.64	33.50 2.17 -0.35	45.90 2.72 -7.38	51.30 3.62 -2.99	45.02 2.70 -8.92	36.00 2.67 -1.86	32.33 2.42 -1.44	30.40 2.25 0.00	30.65 2.24 0.00	33.51 2.27 -2.83	35.11 2.15 -4.61	37.77 2.19 -7.18	45.61 2.59 -10.28	61.73 3.37 -17.24	52.29 2.39 -21.40	45.64 2.25 -14.90	38.64 2.30 -7.25	35.87 2.10 -5.36	30.75 2.01 -0.36	29.26 1.68 0.00
EAST_HAMPTON___DIESEL 23722	41.63 3.69 -7.96	41.10 3.48 -8.83	39.12 3.15 -7.63	39.16 3.36 -7.33	40.17 3.45 -8.23	42.30 4.09 -7.24	52.27 5.23 -11.25	89.79 6.48 -38.63	48.78 4.98 -10.41	43.24 4.75 -7.02	43.73 4.21 -11.05	42.97 3.94 -10.88	43.48 4.01 -11.06	43.80 3.98 -11.41	44.26 3.88 -12.03	46.02 4.01 -13.61	65.94 4.88 -28.32	80.10 6.41 -32.58	72.65 4.56 -39.59	65.16 4.36 -32.30	53.14 4.36 -19.70	48.89 4.01 -16.47	44.88 3.75 -12.76	42.57 3.20 -11.80
EAST_PULASKI___ESR 323781	29.74 -0.24 0.00	28.62 -0.17 0.00	28.07 -0.28 0.00	28.18 -0.28 0.00	28.37 -0.23 -0.11	30.70 -0.34 -0.06	36.72 -0.32 -1.25	44.52 -0.67 -0.51	34.43 -0.47 -1.51	31.27 -0.50 -0.31	28.25 -0.46 -0.24	27.53 -0.62 0.00	27.81 -0.60 0.00	28.32 -0.57 -0.48	28.56 -0.57 -0.78	29.11 -0.51 -1.21	33.95 -0.52 -1.74	43.44 -0.62 -2.94	31.85 -0.26 -3.61	30.70 -0.31 -2.52	30.05 -0.26 -1.22	28.94 -0.37 -0.90	28.04 -0.40 -0.06	27.19 -0.39 0.00
EAST_RIVER___1 323558	31.95 1.98 0.00	30.57 1.79 0.00	29.88 1.53 0.00	30.20 1.74 0.00	30.96 1.83 -0.64	33.42 2.20 -0.24	45.11 2.83 -6.49	51.05 3.89 -2.47	44.64 2.90 -8.34	36.17 2.93 -1.78	32.54 2.65 -1.42	30.65 2.50 0.00	30.88 2.47 0.00	33.65 2.44 -2.80	35.20 2.30 -4.56	37.83 2.33 -7.09	45.29 2.75 -9.80	61.74 3.62 -17.01	51.91 2.54 -20.88	45.37 2.42 -14.46	38.70 2.44 -7.17	35.92 2.22 -5.30	30.89 2.16 -0.35	29.34 1.77 0.00
EAST_RIVER___2 323559	31.74 1.77 0.00	30.40 1.61 0.00	29.71 1.36 0.00	30.03 1.56 0.00	30.79 1.65 -0.64	33.21 1.98 -0.24	44.90 2.61 -6.49	50.83 3.67 -2.47	44.47 2.74 -8.34	36.01 2.77 -1.78	32.42 2.53 -1.42	30.57 2.42 0.00	30.79 2.39 0.00	33.51 2.30 -2.80	35.06 2.15 -4.56	37.72 2.22 -7.09	45.16 2.62 -9.80	61.58 3.45 -17.01	51.80 2.42 -20.88	45.23 2.28 -14.46	38.52 2.27 -7.17	35.78 2.07 -5.30	30.75 2.02 -0.35	29.20 1.63 0.00
EAST___DELAWARE_HYD 23607	31.36 1.38 0.00	30.05 1.27 0.00	29.40 1.05 0.00	29.66 1.20 0.00	30.40 1.34 -0.57	32.90 1.61 -0.31	44.56 2.18 -6.58	50.08 2.73 -2.67	43.19 1.84 -7.96	34.82 1.70 -1.66	31.20 1.45 -1.28	29.45 1.30 0.00	29.20 0.79 0.00	31.81 0.88 -2.52	33.28 0.82 -4.11	35.69 0.88 -6.40	43.09 1.18 -9.17	58.35 1.65 -15.59	48.80 1.22 -19.08	42.89 1.11 -13.29	37.36 1.80 -6.47	34.78 1.59 -4.78	30.12 1.42 -0.32	28.76 1.19 0.00
EIGHT_POINT___WT_PWR 323820	30.16 0.18 0.00	28.99 0.20 0.00	28.24 -0.11 0.00	28.41 -0.06 0.00	28.33 -0.37 -0.20	30.81 -0.28 -0.11	37.72 -0.43 -2.35	44.30 -1.30 -0.91	35.48 -0.70 -2.79	31.67 -0.38 -0.58	28.43 -0.48 -0.45	27.45 -0.70 0.00	27.73 -0.68 0.00	28.24 -1.05 -0.88	28.52 -1.28 -1.44	29.54 -1.11 -2.24	34.49 -1.37 -3.12	44.51 -2.10 -5.49	34.36 -0.83 -6.69	32.41 -0.74 -4.66	30.71 -0.64 -2.27	29.06 -1.02 -1.67	27.33 -1.16 -0.11	26.61 -0.97 0.00
ELBRIDGE_115KV_TB2 80188	29.86 -0.12 0.00	28.70 -0.09 0.00	28.18 -0.17 0.00	28.27 -0.20 0.00	28.49 -0.14 -0.14	30.81 -0.25 -0.07	37.09 -0.29 -1.57	44.74 -0.58 -0.64	34.89 -0.40 -1.90	31.58 -0.28 -0.40	28.49 -0.28 -0.31	27.70 -0.45 0.00	27.98 -0.43 0.00	28.61 -0.40 -0.60	28.91 -0.43 -0.98	29.59 -0.34 -1.53	34.54 -0.39 -2.19	44.29 -0.53 -3.71	32.80 -0.26 -4.56	31.35 -0.31 -3.17	30.43 -0.20 -1.54	29.21 -0.34 -1.14	28.09 -0.37 -0.08	27.25 -0.33 0.00
ELEC_TRO_TEK 24086	40.31 2.37 -7.96	39.81 2.19 -8.83	37.91 1.93 -7.63	37.65 1.85 -7.33	38.92 2.19 -8.23	40.85 2.63 -7.24	50.22 3.29 -11.13	64.79 4.33 -15.77	47.11 3.24 -10.48	41.69 3.18 -7.05	42.44 2.90 -11.07	41.76 2.73 -10.88	42.17 2.70 -11.06	42.58 2.73 -11.45	43.02 2.58 -12.09	44.71 2.64 -13.66	64.34 3.14 -28.45	77.71 4.07 -32.53	71.12 2.88 -39.75	63.69 2.74 -32.46	51.63 2.79 -19.75	47.46 2.56 -16.50	43.61 2.47 -12.76	41.50 2.12 -11.80
ELLENBURG_WT_PWR 323604	30.52 0.54 0.00	29.25 0.46 0.00	28.97 0.62 0.00	28.98 0.51 0.00	28.92 0.43 0.00	31.51 0.53 0.00	36.44 0.65 0.00	45.72 1.03 0.00	34.10 0.70 0.00	32.00 0.53 0.00	28.95 0.48 0.00	28.77 0.62 0.00	28.98 0.57 0.00	28.89 0.48 0.00	28.75 0.40 0.00	28.69 0.28 0.00	32.97 0.23 0.00	41.44 0.33 0.00	28.55 0.06 0.00	28.52 0.03 0.00	29.17 0.09 0.00	28.49 0.09 0.00	28.29 -0.08 0.00	27.47 -0.11 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.78 -1.20 0.00	27.78 -1.01 0.00	27.05 -1.30 0.00	27.13 -1.34 0.00	27.16 -1.51 -0.17	29.52 -1.55 -0.09	35.83 -1.97 -2.00	41.71 -3.71 -0.73	33.58 -2.24 -2.42	30.36 -1.60 -0.50	27.18 -1.68 -0.39	26.21 -1.94 0.00	26.42 -1.99 0.00	27.02 -2.16 -0.77	27.22 -2.38 -1.25	28.25 -2.10 -1.95	32.62 -2.62 -2.50	41.46 -3.91 -4.26	32.45 -1.85 -5.80	30.34 -2.19 -4.04	29.48 -1.57 -1.97	27.79 -2.07 -1.45	26.38 -2.10 -0.10	25.73 -1.85 0.00
EMPIRE_CC_1 323656	31.03 1.05 0.00	29.82 1.03 0.00	29.26 0.91 0.00	29.49 1.02 0.00	30.32 1.05 -0.77	32.73 1.33 -0.42	45.96 1.29 -8.88	49.76 1.47 -3.60	45.39 1.24 -10.76	34.87 1.16 -2.24	31.28 1.08 -1.74	29.13 0.98 0.00	29.49 1.08 0.00	32.90 1.08 -3.41	34.98 1.08 -5.55	38.14 1.08 -8.65	46.38 1.24 -12.39	63.58 1.40 -21.06	55.28 1.00 -25.79	47.53 1.08 -17.95	38.96 1.13 -8.74	36.06 1.19 -6.46	30.03 1.22 -0.43	28.57 0.99 0.00

EMPIRE_CC_2 323658	31.03 1.05 0.00	29.82 1.03 0.00	29.26 0.91 0.00	29.49 1.02 0.00	30.32 1.05 -0.77	32.73 1.33 -0.42	45.96 1.29 -8.88	49.76 1.47 -3.60	45.39 1.24 -10.76	34.87 1.16 -2.24	31.28 1.08 -1.74	29.13 0.98 0.00	29.49 1.08 0.00	32.90 1.08 -3.41	34.98 1.08 -5.55	38.14 1.08 -8.65	46.38 1.24 -12.39	63.58 1.40 -21.06	55.28 1.00 -25.79	47.53 1.08 -17.95	38.96 1.13 -8.74	36.06 1.19 -6.46	30.03 1.22 -0.43	28.57 0.99 0.00
ENORWICH_115KV_TB1 80156	32.62 2.64 0.00	31.49 2.71 0.00	30.73 2.38 0.00	30.80 2.33 0.00	31.09 2.34 -0.26	33.88 2.76 -0.14	42.26 3.51 -2.95	49.72 3.84 -1.19	39.80 2.84 -3.57	34.63 2.42 -0.74	31.06 2.02 -0.58	29.95 1.80 0.00	30.34 1.93 0.00	31.41 1.87 -1.13	32.12 1.93 -1.84	33.44 2.16 -2.87	39.61 2.78 -4.08	51.56 3.49 -6.96	39.84 2.79 -8.55	36.93 2.48 -5.95	34.54 2.56 -2.90	32.57 2.02 -2.14	30.34 1.82 -0.14	29.23 1.65 0.00
ERIE_ST__34_KV_TB1-2 80199	29.11 -0.87 0.00	28.10 -0.69 0.00	27.33 -1.02 0.00	27.41 -1.05 0.00	26.96 -1.71 -0.18	29.34 -1.73 -0.10	35.79 -2.04 -2.03	41.91 -3.53 -0.75	33.61 -2.24 -2.46	30.37 -1.60 -0.51	27.21 -1.65 -0.40	26.66 -1.49 0.00	26.85 -1.56 0.00	27.03 -2.16 -0.78	27.18 -2.44 -1.27	28.17 -2.22 -1.98	32.72 -2.59 -2.57	41.86 -3.62 -4.36	32.59 -1.80 -5.89	30.43 -2.17 -4.10	29.48 -1.60 -2.00	27.78 -2.10 -1.47	26.29 -2.19 -0.10	26.06 -1.52 0.00
ERIE_WT_PWR 323693	28.99 -0.99 0.00	27.98 -0.81 0.00	27.24 -1.11 0.00	27.36 -1.11 0.00	27.22 -1.45 -0.17	29.62 -1.46 -0.10	36.03 -1.79 -2.02	41.99 -3.44 -0.74	33.74 -2.07 -2.42	30.46 -1.51 -0.50	27.32 -1.54 -0.39	26.52 -1.63 0.00	26.79 -1.62 0.00	27.13 -2.05 -0.77	27.30 -2.30 -1.25	28.34 -2.02 -1.94	32.77 -2.49 -2.51	42.03 -3.66 -4.58	32.58 -1.71 -5.80	30.94 -1.60 -4.04	29.60 -1.45 -1.97	27.90 -1.96 -1.45	26.46 -2.01 -0.10	25.92 -1.65 0.00
ESPRGFLD_115KV_TB1 80157	31.12 1.14 0.00	29.94 1.15 0.00	29.34 0.99 0.00	29.43 0.97 0.00	29.56 1.14 0.07	32.43 1.49 0.04	37.05 2.08 0.83	46.76 2.41 0.34	34.13 1.74 1.00	32.80 1.54 0.21	29.59 1.28 0.16	29.25 1.10 0.00	29.60 1.19 0.00	29.26 1.16 0.32	28.91 1.08 0.51	28.83 1.22 0.80	33.12 1.54 1.16	41.30 2.10 1.91	27.73 1.62 2.39	28.29 1.66 1.66	29.73 1.45 0.81	28.97 1.16 0.60	29.36 1.02 0.04	28.41 0.83 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.76 0.78 0.00	29.57 0.78 0.00	28.97 0.62 0.00	29.09 0.63 0.00	29.33 0.63 -0.21	31.80 0.71 -0.11	39.12 0.93 -2.39	46.58 0.94 -0.96	37.10 0.83 -2.87	32.88 0.82 -0.60	29.58 0.65 -0.46	28.63 0.48 0.00	28.92 0.51 0.00	29.83 0.51 -0.91	30.29 0.45 -1.48	31.23 0.51 -2.31	36.71 0.69 -3.28	47.51 0.82 -5.58	36.15 0.77 -6.88	33.94 0.66 -4.79	32.20 0.79 -2.33	30.64 0.51 -1.72	28.92 0.43 -0.11	27.96 0.39 0.00
ETNA_____115KV_TB2 80207	30.76 0.78 0.00	29.57 0.78 0.00	28.97 0.62 0.00	29.09 0.63 0.00	29.33 0.63 -0.21	31.80 0.71 -0.11	39.12 0.93 -2.39	46.58 0.94 -0.96	37.10 0.83 -2.87	32.88 0.82 -0.60	29.58 0.65 -0.46	28.63 0.48 0.00	28.92 0.51 0.00	29.83 0.51 -0.91	30.29 0.45 -1.48	31.23 0.51 -2.31	36.71 0.69 -3.28	47.51 0.82 -5.58	36.15 0.77 -6.88	33.94 0.66 -4.79	32.20 0.79 -2.33	30.64 0.51 -1.72	28.92 0.43 -0.11	27.96 0.39 0.00
EUCLID__115KV_TB2 356179	29.65 -0.33 0.00	28.47 -0.32 0.00	27.95 -0.40 0.00	28.07 -0.40 0.00	28.28 -0.34 -0.12	30.55 -0.50 -0.07	36.57 -0.64 -1.42	44.28 -0.98 -0.57	34.47 -0.63 -1.71	31.28 -0.53 -0.36	28.26 -0.48 -0.28	27.53 -0.62 0.00	27.81 -0.60 0.00	28.38 -0.57 -0.54	28.64 -0.60 -0.88	29.24 -0.54 -1.38	34.06 -0.65 -1.97	43.63 -0.82 -3.34	32.09 -0.51 -4.10	30.81 -0.54 -2.86	30.07 -0.41 -1.39	28.92 -0.51 -1.03	27.91 -0.54 -0.07	27.08 -0.50 0.00
E_CANADA_CAP_HY 24051	31.00 1.02 0.00	29.85 1.07 0.00	29.26 0.91 0.00	29.49 1.02 0.00	30.69 1.17 -1.02	33.12 1.58 -0.56	49.87 2.22 -11.86	52.13 2.64 -4.81	49.63 1.87 -14.37	36.06 1.60 -2.99	32.04 1.25 -2.32	29.22 1.07 0.00	29.63 1.22 0.00	34.16 1.19 -4.56	36.85 1.08 -7.42	41.18 1.22 -11.55	50.83 1.54 -16.55	71.43 2.18 -28.14	64.60 1.65 -34.45	53.99 1.51 -23.98	42.19 1.42 -11.68	38.22 1.19 -8.62	30.03 1.08 -0.58	28.38 0.80 0.00
E_CANADA_MHWK_HY 24050	31.54 1.56 0.00	30.31 1.52 0.00	29.80 1.45 0.00	29.92 1.45 0.00	29.94 1.42 -0.02	32.57 1.58 -0.01	37.82 1.82 -0.19	46.87 2.10 -0.08	35.20 1.57 -0.24	32.99 1.48 -0.05	29.84 1.34 -0.04	29.42 1.27 0.00	29.71 1.31 0.00	29.73 1.25 -0.07	29.66 1.19 -0.12	29.82 1.22 -0.19	34.49 1.47 -0.27	43.38 1.81 -0.46	30.37 1.31 -0.56	30.11 1.22 -0.39	30.41 1.13 -0.19	29.57 1.02 -0.14	29.35 0.97 -0.01	28.46 0.88 0.00
E_FISHKILL__LBMP 23776	31.63 1.65 0.00	30.31 1.53 0.00	29.68 1.33 0.00	29.72 1.25 0.00	30.72 1.57 -0.66	33.26 1.92 -0.36	45.78 2.36 -7.62	50.82 3.04 -3.09	44.91 2.30 -9.21	35.65 2.27 -1.92	32.03 2.08 -1.49	30.06 1.91 0.00	30.34 1.93 0.00	33.29 1.96 -2.92	34.98 1.87 -4.76	37.72 1.90 -7.41	45.58 2.23 -10.61	61.75 2.88 -17.76	52.63 2.05 -22.09	45.81 1.94 -15.38	38.58 2.01 -7.49	35.76 1.82 -5.53	30.51 1.76 -0.37	29.04 1.46 0.00
FALCON__SEABRD_CC1 323796	30.91 0.93 0.00	29.59 0.80 0.00	29.32 0.96 0.00	29.35 0.88 0.00	29.26 0.77 0.00	31.91 0.93 0.00	36.91 1.11 0.00	46.34 1.65 0.00	34.53 1.14 0.00	32.41 0.94 0.00	29.32 0.85 0.00	29.11 0.96 0.00	29.32 0.91 0.00	29.23 0.82 0.00	29.12 0.77 0.00	29.06 0.65 0.00	33.40 0.65 0.00	42.02 0.90 0.00	28.95 0.45 0.00	28.89 0.40 0.00	29.55 0.46 0.00	28.81 0.40 0.00	28.61 0.23 0.00	27.77 0.19 0.00
FALCON__SEABRD_CC2 323797	30.91 0.93 0.00	29.59 0.80 0.00	29.32 0.96 0.00	29.35 0.88 0.00	29.26 0.77 0.00	31.91 0.93 0.00	36.91 1.11 0.00	46.34 1.65 0.00	34.53 1.14 0.00	32.41 0.94 0.00	29.32 0.85 0.00	29.11 0.96 0.00	29.32 0.91 0.00	29.23 0.82 0.00	29.12 0.77 0.00	29.06 0.65 0.00	33.40 0.65 0.00	42.02 0.90 0.00	28.95 0.45 0.00	28.89 0.40 0.00	29.55 0.46 0.00	28.81 0.40 0.00	28.61 0.23 0.00	27.77 0.19 0.00
FAR ROCKAWAY__4 23548	40.82 2.88 -7.96	40.27 2.65 -8.83	38.33 2.35 -7.63	38.08 2.28 -7.33	39.34 2.62 -8.23	41.34 3.13 -7.24	50.90 3.97 -11.13	65.59 5.14 -15.77	47.72 3.84 -10.48	42.19 3.68 -7.05	42.90 3.36 -11.07	42.18 3.15 -10.88	42.62 3.15 -11.06	43.04 3.18 -11.45	43.50 3.06 -12.09	45.22 3.15 -13.66	64.83 3.63 -28.45	78.37 4.73 -32.53	71.61 3.36 -39.75	64.17 3.22 -32.46	52.09 3.26 -19.75	47.86 2.95 -16.50	44.12 2.98 -12.76	41.91 2.54 -11.80
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.02 2.04 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.92 1.45 0.00	31.01 1.88 -0.64	33.59 2.26 -0.35	46.09 2.90 -7.39	51.62 3.93 -3.00	45.27 2.94 -8.94	36.25 2.93 -1.86	32.58 2.68 -1.44	30.66 2.51 0.00	30.85 2.44 0.00	33.71 2.47 -2.83	35.29 2.32 -4.62	37.98 2.39 -7.19	45.82 2.78 -10.29	62.04 3.66 -17.27	52.52 2.59 -21.43	45.84 2.42 -14.92	38.85 2.50 -7.26	36.02 2.24 -5.37	30.92 2.19 -0.36	29.37 1.79 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.02 2.04 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.92 1.45 0.00	31.01 1.88 -0.64	33.59 2.26 -0.35	46.09 2.90 -7.39	51.62 3.93 -3.00	45.27 2.94 -8.94	36.25 2.93 -1.86	32.58 2.68 -1.44	30.66 2.51 0.00	30.85 2.44 0.00	33.71 2.47 -2.83	35.29 2.32 -4.62	37.98 2.39 -7.19	45.82 2.78 -10.29	62.04 3.66 -17.27	52.52 2.59 -21.43	45.84 2.42 -14.92	38.85 2.50 -7.26	36.05 2.27 -5.37	30.92 2.19 -0.36	29.37 1.79 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.99 2.01 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.56 2.23 -0.35	46.05 2.86 -7.39	51.57 3.89 -3.00	45.24 2.91 -8.94	36.25 2.93 -1.86	32.56 2.65 -1.44	30.66 2.51 0.00	30.85 2.44 0.00	33.69 2.44 -2.83	35.26 2.30 -4.62	37.95 2.36 -7.19	45.82 2.78 -10.29	62.00 3.62 -17.27	52.49 2.56 -21.43	45.81 2.39 -14.92	38.82 2.47 -7.26	36.02 2.24 -5.37	30.89 2.16 -0.36	29.37 1.79 0.00
FARRAGUT___LBMP 323566	31.99 2.01 0.00	30.57 1.78 0.00	29.88 1.53 0.00	29.89 1.42 0.00	30.99 1.85 -0.64	33.56 2.23 -0.35	46.01 2.83 -7.39	51.57 3.89 -3.00	45.20 2.87 -8.94	36.22 2.89 -1.86	32.56 2.65 -1.44	30.63 2.48 0.00	30.82 2.41 0.00	33.69 2.44 -2.83	35.23 2.27 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.29	62.00 3.62 -17.27	52.46 2.54 -21.43	45.78 2.37 -14.92	38.79 2.44 -7.26	35.99 2.22 -5.37	30.89 2.16 -0.36	29.34 1.76 0.00
FENNER___WINDPWR 24204	30.73 0.75 0.00	29.57 0.78 0.00	29.00 0.65 0.00	29.18 0.71 0.00	29.30 0.68 -0.13	31.79 0.74 -0.07	38.19 0.93 -1.46	46.31 1.03 -0.59	35.96 0.80 -1.76	32.56 0.72 -0.37	29.41 0.66 -0.28	28.68 0.53 0.00	29.01 0.60 0.00	29.51 0.54 -0.56	29.80 0.54 -0.91	30.42 0.60 -1.42	35.53 0.75 -2.03	45.49 0.90 -3.48	33.50 0.77 -4.23	32.18 0.74 -2.95	31.27 0.75 -1.43	30.03 0.57 -1.06	28.96 0.51 -0.07	28.05 0.47 0.00
FIBERTEK___ENERGY 23856	30.04 0.06 0.00	28.85 0.06 0.00	28.32 -0.03 0.00	28.44 -0.03 0.00	28.63 0.00 -0.13	30.96 -0.09 -0.07	37.22 -0.11 -1.53	44.99 -0.31 -0.62	35.04 -0.20 -1.84	31.72 -0.13 -0.38	28.65 -0.11 -0.30	27.87 -0.28 0.00	28.18 -0.23 0.00	28.79 -0.20 -0.58	29.08 -0.23 -0.95	29.72 -0.17 -1.48	34.67 -0.20 -2.12	44.43 -0.29 -3.60	32.80 -0.11 -4.42	31.40 -0.17 -3.08	30.55 -0.03 -1.50	29.34 -0.17 -1.11	28.23 -0.23 -0.07	27.38 -0.19 0.00
FITZPATRICK____ 23598	29.20 -0.78 0.00	28.07 -0.72 0.00	27.56 -0.79 0.00	27.73 -0.74 0.00	27.85 -0.74 -0.10	30.04 -0.99 -0.05	35.74 -1.18 -1.12	43.49 -1.65 -0.46	33.61 -1.14 -1.36	30.71 -1.04 -0.28	27.75 -0.94 -0.22	27.11 -1.04 0.00	27.41 -1.00 0.00	27.84 -1.00 -0.43	28.03 -1.02 -0.70	28.50 -1.00 -1.09	33.16 -1.15 -1.56	42.32 -1.44 -2.65	30.80 -0.94 -3.25	29.84 -0.91 -2.26	29.28 -0.90 -1.10	28.28 -0.94 -0.81	27.50 -0.94 -0.05	26.72 -0.86 0.00
FLOWRFLD_69_KV_BK1 356044	40.64 2.70 -7.96	40.15 2.53 -8.83	38.25 2.27 -7.63	37.96 2.16 -7.33	39.26 2.54 -8.23	41.25 3.04 -7.24	50.83 3.76 -11.27	92.61 4.87 -43.05	47.56 3.64 -10.53	42.10 3.59 -7.05	42.78 3.25 -11.07	42.10 3.07 -10.88	42.54 3.07 -11.06	42.95 3.10 -11.45	43.39 2.95 -12.09	45.10 2.98 -13.71	64.63 3.44 -28.45	78.21 4.52 -32.58	71.61 3.22 -39.90	64.02 3.02 -32.51	52.00 3.11 -19.80	47.83 2.87 -16.55	43.92 2.78 -12.76	41.77 2.40 -11.80
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.99 2.01 0.00	30.66 1.87 0.00	30.00 1.64 0.00	30.06 1.59 0.00	31.08 1.94 -0.64	33.62 2.29 -0.35	46.15 2.90 -7.45	51.33 3.62 -3.02	45.05 2.64 -9.02	35.83 2.49 -1.88	32.11 2.19 -1.45	30.18 2.03 0.00	30.48 2.07 0.00	33.45 2.19 -2.86	35.11 2.10 -4.66	37.82 2.16 -7.25	45.68 2.55 -10.39	61.98 3.33 -17.54	52.51 2.39 -21.62	45.77 2.22 -15.05	38.65 2.24 -7.33	35.87 2.05 -5.41	30.64 1.90 -0.36	29.20 1.63 0.00
FORT ORANGE____ 23900	31.03 1.05 0.00	29.82 1.03 0.00	29.26 0.91 0.00	29.49 1.02 0.00	30.34 1.05 -0.79	32.77 1.36 -0.43	46.18 1.22 -9.17	49.70 1.30 -3.72	45.62 1.10 -11.13	34.76 0.98 -2.32	31.12 0.85 -1.80	28.91 0.76 0.00	29.29 0.88 0.00	32.82 0.88 -3.53	35.00 0.91 -5.74	38.32 0.97 -8.95	46.67 1.11 -12.81	64.25 1.35 -21.79	56.17 1.00 -26.67	48.03 0.97 -18.57	39.14 1.02 -9.04	35.99 0.91 -6.68	29.96 1.14 -0.45	28.49 0.91 0.00
FORT_DRUM_COGEN 23780	30.19 0.21 0.00	29.11 0.32 0.00	28.55 0.20 0.00	28.67 0.20 0.00	28.81 0.23 -0.08	31.30 0.28 -0.04	37.32 0.57 -0.95	45.43 0.36 -0.39	34.71 0.17 -1.15	31.55 -0.16 -0.24	28.54 -0.11 -0.19	27.87 -0.28 0.00	28.15 -0.26 0.00	28.52 -0.26 -0.37	28.80 -0.14 -0.60	29.39 0.06 -0.93	34.27 0.20 -1.33	43.74 0.37 -2.25	32.00 0.74 -2.77	31.02 0.60 -1.93	30.60 0.58 -0.94	29.41 0.31 -0.69	28.60 0.17 -0.05	27.66 0.08 0.00
FOX_HILLS___ESR 323835	32.42 2.43 -0.01	31.01 2.22 0.00	30.25 1.90 0.00	30.23 1.76 0.00	31.33 2.19 -0.64	33.74 2.42 -0.35	45.94 2.76 -7.39	51.62 3.93 -3.00	45.24 2.91 -8.94	36.25 2.93 -1.86	32.64 2.73 -1.44	30.74 2.59 0.00	30.91 2.50 0.00	33.77 2.53 -2.83	35.38 2.41 -4.62	38.01 2.41 -7.19	45.92 2.88 -10.30	62.21 3.82 -17.27	52.61 2.68 -21.43	45.89 2.48 -14.92	38.79 2.44 -7.27	36.13 2.36 -5.37	31.09 2.36 -0.36	29.62 2.04 0.00
FPL_FAR_ROCK_GT1 24212	40.82 2.88 -7.96	40.27 2.65 -8.83	38.33 2.35 -7.63	38.33 2.53 -7.33	39.34 2.62 -8.23	41.34 3.13 -7.24	50.90 3.97 -11.13	65.63 5.18 -15.77	47.60 3.84 -10.37	42.20 3.71 -7.02	42.88 3.36 -11.05	42.21 3.18 -10.88	42.68 3.21 -11.06	43.00 3.18 -11.41	43.44 3.06 -12.03	45.13 3.15 -13.57	64.70 3.63 -28.32	78.34 4.69 -32.54	71.30 3.33 -39.47	64.00 3.25 -32.26	52.00 3.26 -19.66	47.99 3.15 -16.43	44.11 2.98 -12.76	41.91 2.54 -11.80
FPL_FAR_ROCK_GT2 23815	40.82 2.88 -7.96	40.27 2.65 -8.83	38.33 2.35 -7.63	38.33 2.53 -7.33	39.34 2.62 -8.23	41.34 3.13 -7.24	50.90 3.97 -11.13	65.63 5.18 -15.77	47.60 3.84 -10.37	42.20 3.71 -7.02	42.88 3.36 -11.05	42.21 3.18 -10.88	42.68 3.21 -11.06	43.00 3.18 -11.41	43.44 3.06 -12.03	45.13 3.15 -13.57	64.70 3.63 -28.32	78.34 4.69 -32.54	71.30 3.33 -39.47	64.00 3.25 -32.26	52.00 3.26 -19.66	47.99 3.15 -16.43	44.11 2.98 -12.76	41.91 2.54 -11.80
FRANKLIN_FALL_HYD 24054	30.58 0.60 0.00	29.31 0.52 0.00	29.06 0.71 0.00	29.26 0.80 0.00	29.01 0.51 0.00	31.63 0.65 0.00	36.62 0.82 0.00	46.07 1.39 0.00	34.36 0.97 0.00	32.22 0.76 0.00	29.12 0.65 0.00	28.97 0.82 0.00	29.20 0.80 0.00	29.06 0.65 0.00	28.97 0.62 0.00	28.95 0.54 0.00	33.30 0.56 0.00	41.89 0.78 0.00	28.89 0.40 0.00	28.92 0.43 0.00	29.46 0.38 0.00	28.72 0.31 0.00	28.52 0.14 0.00	27.72 0.14 0.00
FREEPORT_EQUS_GT1 23764	40.43 2.49 -7.96	39.92 2.30 -8.83	38.02 2.04 -7.63	38.02 2.22 -7.33	39.03 2.31 -8.23	41.00 2.79 -7.24	50.40 3.47 -11.13	64.96 4.51 -15.77	47.17 3.41 -10.37	41.82 3.33 -7.02	42.43 2.91 -11.05	41.79 2.76 -10.88	42.26 2.79 -11.06	42.58 2.75 -11.41	42.98 2.61 -12.03	44.64 2.67 -13.57	64.31 3.24 -28.32	77.85 4.20 -32.54	70.93 2.96 -39.47	63.63 2.88 -32.26	51.62 2.88 -19.66	47.57 2.73 -16.43	43.75 2.61 -12.76	41.61 2.23 -11.80

FREEPORT___CT2 23818	40.43 2.49 -7.96	39.92 2.30 -8.83	38.02 2.04 -7.63	38.02 2.22 -7.33	39.03 2.31 -8.23	41.00 2.79 -7.24	50.40 3.47 -11.13	64.96 4.51 -15.77	47.17 3.41 -10.37	41.82 3.33 -7.02	42.43 2.91 -11.05	41.79 2.76 -10.88	42.26 2.79 -11.06	42.58 2.75 -11.41	42.98 2.61 -12.03	44.64 2.67 -13.57	64.31 3.24 -28.32	77.85 4.20 -32.54	70.93 2.96 -39.47	63.63 2.88 -32.26	51.62 2.88 -19.66	47.57 2.73 -16.43	43.75 2.61 -12.76	41.61 2.23 -11.80
FRESHKLS_33_KV_LOAD 356253	32.60 2.61 -0.01	31.18 2.39 0.00	30.45 2.10 0.00	30.40 1.94 0.00	31.50 2.37 -0.64	33.84 2.51 -0.35	45.73 2.54 -7.39	51.35 3.66 -3.00	45.04 2.70 -8.94	36.06 2.74 -1.86	32.56 2.65 -1.44	30.63 2.48 0.00	30.82 2.41 0.00	33.69 2.44 -2.83	35.32 2.35 -4.62	37.84 2.24 -7.19	45.72 2.68 -10.30	62.00 3.62 -17.27	52.46 2.54 -21.43	45.75 2.34 -14.92	38.62 2.27 -7.27	36.13 2.36 -5.37	31.15 2.41 -0.36	29.73 2.15 0.00
FULTON COGEN____ 23766	29.62 -0.36 0.00	28.47 -0.32 0.00	27.93 -0.43 0.00	28.04 -0.43 0.00	28.24 -0.37 -0.12	30.52 -0.53 -0.06	36.53 -0.61 -1.34	44.29 -0.94 -0.54	34.38 -0.63 -1.62	31.23 -0.57 -0.34	28.22 -0.51 -0.26	27.50 -0.65 0.00	27.78 -0.62 0.00	28.33 -0.60 -0.51	28.56 -0.62 -0.84	29.14 -0.57 -1.30	33.96 -0.65 -1.87	43.50 -0.78 -3.17	31.90 -0.48 -3.89	30.66 -0.54 -2.71	29.97 -0.44 -1.32	28.84 -0.54 -0.97	27.88 -0.57 -0.06	27.05 -0.52 0.00
FULTON___LFGE 323630	32.26 2.28 0.00	31.06 2.27 0.00	30.42 2.07 0.00	30.69 2.22 0.00	31.97 2.51 -0.96	34.60 3.10 -0.53	51.03 4.08 -11.15	54.13 4.92 -4.53	50.49 3.57 -13.52	37.55 3.27 -2.82	33.27 2.62 -2.18	30.40 2.25 0.00	31.02 2.61 0.00	35.40 2.70 -4.29	37.97 2.64 -6.98	42.15 2.87 -10.87	51.66 3.34 -15.57	72.12 4.52 -26.48	64.13 3.22 -32.42	54.00 2.94 -22.57	42.89 2.82 -10.99	38.88 2.36 -8.12	31.16 2.24 -0.54	29.43 1.85 0.00
G.F.CEMENT___DRP 24184	31.69 1.71 0.00	30.46 1.67 0.00	29.88 1.53 0.00	29.98 1.51 0.00	31.17 1.85 -0.83	33.72 2.29 -0.45	48.18 2.83 -9.56	51.83 3.26 -3.88	47.36 2.40 -11.56	36.04 2.17 -2.41	32.15 1.82 -1.87	29.70 1.55 0.00	30.11 1.70 0.00	33.84 1.76 -3.67	36.11 1.79 -5.97	39.41 1.70 -9.30	47.99 1.93 -13.31	66.44 2.63 -22.70	58.09 1.88 -27.72	49.47 1.68 -19.30	40.17 1.69 -9.40	36.71 1.36 -6.94	30.49 1.65 -0.46	29.07 1.49 0.00
GARDENVILLE___LBMP 24039	28.90 -1.08 0.00	27.87 -0.92 0.00	27.13 -1.22 0.00	27.21 -1.25 0.00	27.16 -1.51 -0.17	29.53 -1.55 -0.10	35.92 -1.90 -2.02	41.85 -3.57 -0.74	33.63 -2.20 -2.44	30.40 -1.57 -0.51	27.24 -1.62 -0.39	26.32 -1.83 0.00	26.53 -1.87 0.00	27.05 -2.13 -0.78	27.26 -2.35 -1.26	28.27 -2.10 -1.97	32.70 -2.59 -2.54	41.65 -3.78 -4.32	32.56 -1.80 -5.86	30.44 -2.14 -4.08	29.56 -1.51 -1.99	27.86 -2.02 -1.47	26.41 -2.07 -0.10	25.81 -1.76 0.00
GARDNVLA_35_KV_LD 355827	29.02 -0.96 0.00	28.01 -0.78 0.00	27.27 -1.08 0.00	27.36 -1.11 0.00	27.27 -1.40 -0.17	29.65 -1.43 -0.10	36.03 -1.79 -2.02	42.03 -3.40 -0.74	33.77 -2.07 -2.44	30.56 -1.42 -0.51	27.35 -1.51 -0.39	26.46 -1.69 0.00	26.67 -1.73 0.00	27.17 -2.02 -0.78	27.37 -2.24 -1.26	28.38 -1.99 -1.97	32.83 -2.46 -2.55	41.83 -3.62 -4.33	32.67 -1.68 -5.86	30.55 -2.02 -4.08	29.67 -1.40 -1.99	27.97 -1.90 -1.47	26.49 -1.99 -0.10	25.95 -1.63 0.00
GELCKHM___115KV_LOAD 80723	29.77 -0.21 0.00	28.62 -0.17 0.00	28.10 -0.26 0.00	28.21 -0.26 0.00	28.39 -0.23 -0.13	30.71 -0.34 -0.07	36.83 -0.43 -1.46	44.57 -0.71 -0.59	34.69 -0.47 -1.77	31.45 -0.38 -0.37	28.41 -0.34 -0.29	27.64 -0.51 0.00	27.95 -0.45 0.00	28.54 -0.43 -0.56	28.81 -0.45 -0.91	29.43 -0.40 -1.42	34.29 -0.49 -2.04	43.95 -0.62 -3.45	32.39 -0.34 -4.24	31.05 -0.40 -2.95	30.23 -0.29 -1.44	29.07 -0.40 -1.06	28.02 -0.43 -0.07	27.19 -0.39 0.00
GENERAL___MILLS 23808	28.99 -0.99 0.00	27.95 -0.83 0.00	27.22 -1.13 0.00	27.30 -1.17 0.00	27.22 -1.45 -0.17	29.59 -1.49 -0.10	35.99 -1.83 -2.02	41.94 -3.49 -0.74	33.70 -2.14 -2.44	30.49 -1.48 -0.51	27.30 -1.57 -0.39	26.40 -1.75 0.00	26.62 -1.79 0.00	27.11 -2.07 -0.78	27.32 -2.30 -1.26	28.33 -2.05 -1.97	32.77 -2.52 -2.54	41.74 -3.70 -4.33	32.62 -1.74 -5.86	30.49 -2.08 -4.08	29.62 -1.45 -1.99	27.91 -1.96 -1.47	26.46 -2.01 -0.10	25.90 -1.68 0.00
GE_PLASTICS___DRP 24183	30.91 0.93 0.00	29.68 0.89 0.00	29.14 0.79 0.00	29.21 0.74 0.00	30.20 0.91 -0.79	32.59 1.18 -0.43	46.27 1.29 -9.19	49.89 1.47 -3.73	45.67 1.17 -11.11	34.91 1.13 -2.31	31.26 1.00 -1.79	29.05 0.90 0.00	29.37 0.97 0.00	32.93 0.99 -3.52	35.08 0.99 -5.74	38.36 1.02 -8.93	46.72 1.18 -12.80	64.38 1.44 -21.83	56.16 1.03 -26.64	48.06 1.03 -18.54	39.19 1.08 -9.03	36.07 0.99 -6.67	29.85 1.02 -0.44	28.38 0.80 0.00
GILBOA___1 23756	30.94 0.96 0.00	29.71 0.92 0.00	29.23 0.88 0.00	29.46 1.00 0.00	30.05 0.91 -0.65	32.48 1.15 -0.35	44.63 1.36 -7.47	49.28 1.56 -3.03	43.71 1.24 -9.08	34.58 1.23 -1.89	31.04 1.11 -1.47	29.13 0.98 0.00	29.46 1.05 0.00	32.34 1.05 -2.88	34.03 0.99 -4.69	36.73 1.02 -7.30	44.35 1.15 -10.46	60.26 1.35 -17.79	51.27 1.00 -21.78	44.74 1.08 -15.16	37.57 1.10 -7.38	34.85 0.99 -5.45	29.71 0.97 -0.36	28.35 0.77 0.00
GILBOA___2 23757	30.94 0.96 0.00	29.71 0.92 0.00	29.23 0.88 0.00	29.46 1.00 0.00	30.05 0.91 -0.65	32.48 1.15 -0.35	44.63 1.36 -7.47	49.28 1.56 -3.03	43.71 1.24 -9.08	34.58 1.23 -1.89	31.04 1.11 -1.47	29.13 0.98 0.00	29.46 1.05 0.00	32.34 1.05 -2.88	34.03 0.99 -4.69	36.73 1.02 -7.30	44.35 1.15 -10.46	60.26 1.35 -17.79	51.27 1.00 -21.78	44.74 1.08 -15.16	37.57 1.10 -7.38	34.85 0.99 -5.45	29.71 0.97 -0.36	28.35 0.77 0.00
GILBOA___3 23758	30.94 0.96 0.00	29.71 0.92 0.00	29.23 0.88 0.00	29.46 1.00 0.00	30.05 0.91 -0.65	32.48 1.15 -0.35	44.63 1.36 -7.47	49.28 1.56 -3.03	43.71 1.24 -9.08	34.58 1.23 -1.89	31.04 1.11 -1.47	29.13 0.98 0.00	29.46 1.05 0.00	32.34 1.05 -2.88	34.03 0.99 -4.69	36.73 1.02 -7.30	44.35 1.15 -10.46	60.26 1.35 -17.79	51.27 1.00 -21.78	44.74 1.08 -15.16	37.57 1.10 -7.38	34.85 0.99 -5.45	29.71 0.97 -0.36	28.35 0.77 0.00
GILBOA___4 23759	30.94 0.96 0.00	29.71 0.92 0.00	29.23 0.88 0.00	29.46 1.00 0.00	30.05 0.91 -0.65	32.48 1.15 -0.35	44.63 1.36 -7.47	49.28 1.56 -3.03	43.71 1.24 -9.08	34.58 1.23 -1.89	31.04 1.11 -1.47	29.13 0.98 0.00	29.46 1.05 0.00	32.34 1.05 -2.88	34.03 0.99 -4.69	36.73 1.02 -7.30	44.35 1.15 -10.46	60.26 1.35 -17.79	51.27 1.00 -21.78	44.74 1.08 -15.16	37.57 1.10 -7.38	34.85 0.99 -5.45	29.71 0.97 -0.36	28.35 0.77 0.00
GILBOA____ 23599	30.94 0.96 0.00	29.71 0.92 0.00	29.23 0.88 0.00	29.32 0.85 0.00	30.05 0.91 -0.65	32.48 1.15 -0.35	44.63 1.36 -7.47	49.28 1.56 -3.03	43.67 1.24 -9.04	34.57 1.23 -1.88	31.04 1.11 -1.46	29.14 0.99 0.00	29.43 1.02 0.00	32.32 1.05 -2.87	34.01 0.99 -4.67	36.70 1.02 -7.27	44.30 1.15 -10.41	60.25 1.36 -17.78	51.16 1.00 -21.67	44.63 1.05 -15.08	37.54 1.11 -7.35	34.83 0.99 -5.42	29.71 0.96 -0.36	28.35 0.77 0.00

GINNA____ 23603	28.03 -1.95 0.00	26.98 -1.81 0.00	26.40 -1.96 0.00	26.62 -1.85 0.00	26.88 -1.77 -0.15	29.17 -1.89 -0.08	35.24 -2.25 -1.70	42.07 -3.31 -0.69	33.27 -2.17 -2.04	29.94 -1.95 -0.43	27.00 -1.79 -0.33	26.01 -2.14 0.00	26.28 -2.13 0.00	27.04 -2.02 -0.65	27.34 -2.07 -1.05	28.12 -1.93 -1.64	32.86 -2.26 -2.37	41.96 -3.49 -4.34	31.54 -1.85 -4.90	30.08 -1.82 -3.41	28.94 -1.80 -1.66	27.56 -2.07 -1.23	26.33 -2.13 -0.08	25.40 -2.18 0.00
GLEN PARK____ 23778	30.25 0.27 0.00	29.19 0.40 0.00	28.63 0.28 0.00	28.78 0.31 0.00	28.89 0.31 -0.08	31.40 0.37 -0.05	37.48 0.72 -0.96	45.62 0.54 -0.39	34.82 0.27 -1.16	31.64 -0.06 -0.24	28.57 -0.09 -0.19	27.90 -0.25 0.00	28.21 -0.20 0.00	28.55 -0.23 -0.37	28.84 -0.11 -0.60	29.46 0.11 -0.93	34.41 0.33 -1.34	43.93 0.53 -2.28	32.13 0.85 -2.79	31.23 0.80 -1.94	30.73 0.70 -0.94	29.50 0.40 -0.70	28.68 0.25 -0.05	27.72 0.14 0.00
GLENDALE_27_KV_LOAD 356172	32.23 2.25 0.00	30.80 2.02 0.00	30.11 1.76 0.00	30.09 1.62 0.00	31.16 2.02 -0.64	33.65 2.32 -0.35	46.12 2.94 -7.39	51.80 4.11 -3.00	45.40 3.07 -8.94	36.41 3.08 -1.86	32.70 2.79 -1.44	30.80 2.65 0.00	30.99 2.59 0.00	33.83 2.59 -2.83	35.41 2.44 -4.62	38.10 2.50 -7.19	45.99 2.95 -10.30	62.29 3.91 -17.27	52.66 2.74 -21.43	45.95 2.54 -14.92	38.91 2.56 -7.27	36.13 2.36 -5.37	31.04 2.30 -0.36	29.51 1.93 0.00
GLENWOOD_IC_1_G5 23712	40.46 2.52 -7.96	39.92 2.30 -8.83	38.05 2.07 -7.63	37.76 1.96 -7.33	39.06 2.34 -8.23	41.03 2.82 -7.24	50.43 3.51 -11.13	65.10 4.65 -15.77	47.31 3.44 -10.48	41.88 3.37 -7.05	42.61 3.07 -11.07	41.90 2.87 -10.88	42.34 2.87 -11.06	42.75 2.90 -11.45	43.19 2.75 -12.09	44.91 2.84 -13.66	64.57 3.37 -28.45	78.04 4.40 -32.53	71.35 3.11 -39.75	63.89 2.93 -32.46	51.83 3.00 -19.75	47.66 2.76 -16.50	43.78 2.64 -12.76	41.63 2.26 -11.80
GLENWOOD_IC_2_G1 23688	40.40 2.46 -7.96	39.87 2.25 -8.83	37.96 1.98 -7.63	37.99 2.19 -7.33	39.00 2.28 -8.23	40.94 2.73 -7.24	50.33 3.40 -11.13	64.96 4.51 -15.77	47.13 3.37 -10.37	41.79 3.30 -7.02	42.51 2.99 -11.05	41.84 2.81 -10.88	42.34 2.87 -11.06	42.63 2.81 -11.41	43.07 2.69 -12.03	44.70 2.73 -13.57	64.34 3.27 -28.32	77.89 4.24 -32.54	70.96 2.99 -39.47	63.63 2.88 -32.26	51.65 2.91 -19.66	47.51 2.67 -16.43	43.69 2.56 -12.76	41.55 2.18 -11.80
GLENWOOD_IC_3_G1 23689	40.40 2.46 -7.96	39.87 2.25 -8.83	37.96 1.98 -7.63	37.99 2.19 -7.33	39.00 2.28 -8.23	40.94 2.73 -7.24	50.33 3.40 -11.13	64.96 4.51 -15.77	47.13 3.37 -10.37	41.79 3.30 -7.02	42.51 2.99 -11.05	41.84 2.81 -10.88	42.34 2.87 -11.06	42.63 2.81 -11.41	43.07 2.69 -12.03	44.70 2.73 -13.57	64.34 3.27 -28.32	77.89 4.24 -32.54	70.96 2.99 -39.47	63.63 2.88 -32.26	51.65 2.91 -19.66	47.51 2.67 -16.43	43.69 2.56 -12.76	41.55 2.18 -11.80
GLENWOOD____4 23550	40.46 2.52 -7.96	39.92 2.30 -8.83	38.05 2.07 -7.63	37.76 1.96 -7.33	39.06 2.34 -8.23	41.03 2.82 -7.24	50.43 3.51 -11.13	65.10 4.65 -15.77	47.31 3.44 -10.48	41.88 3.37 -7.05	42.61 3.07 -11.07	41.90 2.87 -10.88	42.34 2.87 -11.06	42.75 2.90 -11.45	43.19 2.75 -12.09	44.91 2.84 -13.66	64.57 3.37 -28.45	78.04 4.40 -32.53	71.35 3.11 -39.75	63.89 2.93 -32.46	51.83 3.00 -19.75	47.66 2.76 -16.50	43.78 2.64 -12.76	41.63 2.26 -11.80
GLENWOOD____5 23614	40.46 2.52 -7.96	39.92 2.30 -8.83	38.05 2.07 -7.63	37.76 1.96 -7.33	39.06 2.34 -8.23	41.03 2.82 -7.24	50.43 3.51 -11.13	65.10 4.65 -15.77	47.31 3.44 -10.48	41.88 3.37 -7.05	42.61 3.07 -11.07	41.90 2.87 -10.88	42.34 2.87 -11.06	42.75 2.90 -11.45	43.19 2.75 -12.09	44.91 2.84 -13.66	64.57 3.37 -28.45	78.04 4.40 -32.53	71.35 3.11 -39.75	63.89 2.93 -32.46	51.83 3.00 -19.75	47.66 2.76 -16.50	43.78 2.64 -12.76	41.63 2.26 -11.80
GLOBAL GREEN_PORT_GT1 23814	41.54 3.60 -7.96	41.02 3.40 -8.83	39.07 3.09 -7.63	39.07 3.27 -7.33	40.08 3.36 -8.23	42.21 4.00 -7.24	52.17 5.12 -11.25	89.70 6.39 -38.62	48.71 4.91 -10.41	43.18 4.69 -7.02	43.68 4.16 -11.05	42.91 3.89 -10.88	43.42 3.95 -11.06	43.74 3.92 -11.41	44.20 3.83 -12.03	45.96 3.95 -13.61	65.88 4.81 -28.32	79.98 6.29 -32.58	72.56 4.47 -39.59	65.07 4.27 -32.30	53.09 4.30 -19.70	48.83 3.95 -16.47	44.82 3.69 -12.76	42.52 3.14 -11.80
GLOBE____DSASP 323697	28.03 -1.95 0.00	27.03 -1.76 0.00	26.34 -2.01 0.00	26.45 -2.02 0.00	26.67 -1.99 -0.17	28.96 -2.11 -0.09	35.05 -2.68 -1.94	40.55 -4.83 -0.69	32.74 -3.01 -2.35	29.66 -2.30 -0.49	26.54 -2.31 -0.38	25.39 -2.76 0.00	25.62 -2.78 0.00	26.40 -2.76 -0.74	26.64 -2.92 -1.21	27.65 -2.64 -1.89	31.75 -3.37 -2.38	40.16 -5.02 -4.06	31.62 -2.51 -5.63	29.56 -2.85 -3.92	28.81 -2.18 -1.91	27.15 -2.67 -1.41	25.83 -2.64 -0.09	25.04 -2.54 0.00
GOETHSLN____LBMP 323567	31.84 1.86 0.00	30.43 1.64 0.00	29.74 1.39 0.00	29.75 1.28 0.00	30.84 1.71 -0.64	33.43 2.11 -0.35	45.87 2.68 -7.39	51.39 3.71 -3.00	45.07 2.74 -8.94	36.09 2.77 -1.86	32.47 2.56 -1.44	30.54 2.39 0.00	30.71 2.30 0.00	33.57 2.33 -2.83	35.12 2.15 -4.62	37.81 2.22 -7.19	45.62 2.59 -10.29	61.80 3.41 -17.27	52.32 2.39 -21.43	45.66 2.25 -14.92	38.71 2.36 -7.26	35.87 2.10 -5.37	30.78 2.04 -0.36	29.23 1.65 0.00
GOLAH____69_KV_TB 1_2 80279	29.26 -0.72 0.00	28.18 -0.60 0.00	27.53 -0.82 0.00	27.67 -0.80 0.00	28.02 -0.63 -0.15	30.47 -0.59 -0.08	36.66 -0.89 -1.76	43.43 -1.97 -0.71	34.45 -1.07 -2.12	31.18 -0.72 -0.44	28.04 -0.77 -0.34	26.86 -1.29 0.00	27.07 -1.34 0.00	27.92 -1.16 -0.67	28.14 -1.30 -1.10	29.01 -1.11 -1.71	33.78 -1.41 -2.44	42.79 -2.47 -4.14	32.64 -0.94 -5.09	30.93 -1.11 -3.54	30.11 -0.70 -1.73	28.55 -1.14 -1.27	27.27 -1.19 -0.08	26.31 -1.27 0.00
GOODYEAR_LAKE_HYD 323669	31.24 1.26 0.00	30.06 1.27 0.00	29.49 1.13 0.00	29.55 1.08 0.00	29.90 1.20 -0.20	32.58 1.49 -0.11	40.10 1.93 -2.37	47.88 2.23 -0.96	37.96 1.70 -2.87	33.63 1.57 -0.60	30.30 1.37 -0.46	29.36 1.21 0.00	29.69 1.28 0.00	30.57 1.25 -0.91	31.02 1.19 -1.48	31.99 1.28 -2.30	37.60 1.57 -3.28	48.73 2.01 -5.60	36.93 1.57 -6.87	34.73 1.45 -4.78	32.90 1.48 -2.33	31.35 1.22 -1.72	29.60 1.11 -0.11	28.52 0.94 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.40 0.42 0.00	29.22 0.43 0.00	28.63 0.28 0.00	28.69 0.23 0.00	28.93 0.17 -0.27	31.37 0.25 -0.15	39.25 0.36 -3.10	46.07 0.13 -1.25	37.45 0.30 -3.75	32.65 0.41 -0.78	29.39 0.31 -0.61	28.32 0.17 0.00	28.61 0.20 0.00	29.74 0.14 -1.19	30.32 0.03 -1.94	31.51 0.09 -3.02	37.19 0.16 -4.28	48.59 0.12 -7.35	37.81 0.31 -9.00	34.96 0.20 -6.27	32.48 0.35 -3.05	30.77 0.11 -2.25	28.59 0.06 -0.15	27.66 0.08 0.00
GOUDEY____7 23579	30.43 0.45 0.00	29.25 0.46 0.00	28.63 0.28 0.00	28.72 0.26 0.00	28.96 0.20 -0.27	31.40 0.28 -0.15	39.29 0.39 -3.10	46.11 0.18 -1.25	37.48 0.33 -3.75	32.69 0.44 -0.78	29.41 0.34 -0.61	28.38 0.23 0.00	28.66 0.26 0.00	29.77 0.17 -1.19	30.35 0.06 -1.94	31.54 0.11 -3.02	37.22 0.20 -4.28	48.63 0.16 -7.35	37.84 0.34 -9.00	34.99 0.23 -6.27	32.51 0.38 -3.05	30.80 0.14 -2.25	28.61 0.09 -0.15	27.69 0.11 0.00

GOUDEY___8 23580	30.40 0.42 0.00	29.22 0.43 0.00	28.63 0.28 0.00	28.69 0.23 0.00	28.93 0.17 -0.27	31.37 0.25 -0.15	39.25 0.36 -3.10	46.07 0.13 -1.25	37.45 0.30 -3.75	32.65 0.41 -0.78	29.39 0.31 -0.61	28.32 0.17 0.00	28.61 0.20 0.00	29.74 0.14 -1.19	30.32 0.03 -1.94	31.51 0.09 -3.02	37.19 0.16 -4.28	48.59 0.12 -7.35	37.81 0.31 -9.00	34.96 0.20 -6.27	32.48 0.35 -3.05	30.77 0.11 -2.25	28.59 0.06 -0.15	27.66 0.08 0.00
GOWANUS_GT1_1 24077	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.17 1.71 0.00	31.27 2.14 -0.64	33.68 2.35 -0.35	46.02 2.83 -7.39	51.66 3.98 -3.00	45.30 2.97 -8.94	36.31 2.99 -1.86	32.64 2.73 -1.44	30.74 2.59 0.00	30.94 2.53 0.00	33.80 2.56 -2.83	35.41 2.44 -4.62	38.04 2.44 -7.19	45.95 2.91 -10.30	62.25 3.86 -17.27	52.63 2.71 -21.43	45.92 2.51 -14.92	38.85 2.50 -7.27	36.13 2.36 -5.37	31.06 2.33 -0.36	29.56 1.99 0.00
GOWANUS_GT1_2 24078	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.17 1.71 0.00	31.27 2.14 -0.64	33.68 2.35 -0.35	46.02 2.83 -7.39	51.66 3.98 -3.00	45.30 2.97 -8.94	36.31 2.99 -1.86	32.64 2.73 -1.44	30.74 2.59 0.00	30.94 2.53 0.00	33.80 2.56 -2.83	35.41 2.44 -4.62	38.04 2.44 -7.19	45.95 2.91 -10.30	62.25 3.86 -17.27	52.63 2.71 -21.43	45.92 2.51 -14.92	38.85 2.50 -7.27	36.13 2.36 -5.37	31.06 2.33 -0.36	29.56 1.99 0.00
GOWANUS_GT1_3 24079	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.17 1.71 0.00	31.27 2.14 -0.64	33.68 2.35 -0.35	46.02 2.83 -7.39	51.66 3.98 -3.00	45.30 2.97 -8.94	36.31 2.99 -1.86	32.64 2.73 -1.44	30.74 2.59 0.00	30.94 2.53 0.00	33.80 2.56 -2.83	35.41 2.44 -4.62	38.04 2.44 -7.19	45.95 2.91 -10.30	62.25 3.86 -17.27	52.63 2.71 -21.43	45.92 2.51 -14.92	38.85 2.50 -7.27	36.13 2.36 -5.37	31.06 2.33 -0.36	29.56 1.99 0.00
GOWANUS_GT1_4 24080	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.17 1.71 0.00	31.27 2.14 -0.64	33.68 2.35 -0.35	46.02 2.83 -7.39	51.66 3.98 -3.00	45.30 2.97 -8.94	36.31 2.99 -1.86	32.64 2.73 -1.44	30.74 2.59 0.00	30.94 2.53 0.00	33.80 2.56 -2.83	35.41 2.44 -4.62	38.04 2.44 -7.19	45.95 2.91 -10.30	62.25 3.86 -17.27	52.63 2.71 -21.43	45.92 2.51 -14.92	38.85 2.50 -7.27	36.13 2.36 -5.37	31.06 2.33 -0.36	29.56 1.99 0.00
GOWANUS_GT1_5 24084	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.17 1.71 0.00	31.27 2.14 -0.64	33.68 2.35 -0.35	46.02 2.83 -7.39	51.66 3.98 -3.00	45.30 2.97 -8.94	36.31 2.99 -1.86	32.64 2.73 -1.44	30.74 2.59 0.00	30.94 2.53 0.00	33.80 2.56 -2.83	35.41 2.44 -4.62	38.04 2.44 -7.19	45.95 2.91 -10.30	62.25 3.86 -17.27	52.63 2.71 -21.43	45.92 2.51 -14.92	38.85 2.50 -7.27	36.13 2.36 -5.37	31.06 2.33 -0.36	29.56 1.99 0.00
GOWANUS_GT1_6 24111	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.17 1.71 0.00	31.27 2.14 -0.64	33.68 2.35 -0.35	46.02 2.83 -7.39	51.66 3.98 -3.00	45.30 2.97 -8.94	36.31 2.99 -1.86	32.64 2.73 -1.44	30.74 2.59 0.00	30.94 2.53 0.00	33.80 2.56 -2.83	35.41 2.44 -4.62	38.04 2.44 -7.19	45.95 2.91 -10.30	62.25 3.86 -17.27	52.63 2.71 -21.43	45.92 2.51 -14.92	38.85 2.50 -7.27	36.13 2.36 -5.37	31.06 2.33 -0.36	29.56 1.99 0.00
GOWANUS_GT1_7 24112	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00																					

GOWANUS_GT2_7 24120	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
GOWANUS_GT2_8 24121	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
GOWANUS_GT3_1 24122	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
GOWANUS_GT3_2 24123	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
GOWANUS_GT3_3 24124	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
GOWANUS_GT3_4 24125	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
GOWANUS_GT3_5 24126	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
GOWANUS_GT3_6 24127	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.																					

GOWANUS_GT4_6 24135	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.17 1.71 0.00	31.27 2.14 -0.64	33.68 2.35 -0.35	46.02 2.83 -7.39	51.66 3.98 -3.00	45.30 2.97 -8.94	36.31 2.99 -1.86	32.64 2.73 -1.44	30.74 2.59 0.00	30.94 2.53 0.00	33.80 2.56 -2.83	35.41 2.44 -4.62	38.04 2.44 -7.19	45.95 2.91 -10.30	62.25 3.86 -17.27	52.63 2.71 -21.43	45.92 2.51 -14.92	38.85 2.50 -7.27	36.13 2.36 -5.37	31.06 2.33 -0.36	29.56 1.99 0.00
GOWANUS_GT4_7 24136	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.17 1.71 0.00	31.27 2.14 -0.64	33.68 2.35 -0.35	46.02 2.83 -7.39	51.66 3.98 -3.00	45.30 2.97 -8.94	36.31 2.99 -1.86	32.64 2.73 -1.44	30.74 2.59 0.00	30.94 2.53 0.00	33.80 2.56 -2.83	35.41 2.44 -4.62	38.04 2.44 -7.19	45.95 2.91 -10.30	62.25 3.86 -17.27	52.63 2.71 -21.43	45.92 2.51 -14.92	38.85 2.50 -7.27	36.13 2.36 -5.37	31.06 2.33 -0.36	29.56 1.99 0.00
GOWANUS_GT4_8 24137	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.17 1.71 0.00	31.27 2.14 -0.64	33.68 2.35 -0.35	46.02 2.83 -7.39	51.66 3.98 -3.00	45.30 2.97 -8.94	36.31 2.99 -1.86	32.64 2.73 -1.44	30.74 2.59 0.00	30.94 2.53 0.00	33.80 2.56 -2.83	35.41 2.44 -4.62	38.04 2.44 -7.19	45.95 2.91 -10.30	62.25 3.86 -17.27	52.63 2.71 -21.43	45.92 2.51 -14.92	38.85 2.50 -7.27	36.13 2.36 -5.37	31.06 2.33 -0.36	29.56 1.99 0.00
GREENBSH_115KV_TB3 55895	30.79 0.81 0.00	29.57 0.78 0.00	29.00 0.65 0.00	29.09 0.63 0.00	30.12 0.83 -0.80	32.50 1.08 -0.44	46.13 1.11 -9.23	49.73 1.30 -3.74	45.59 1.04 -11.16	34.76 0.98 -2.32	31.15 0.88 -1.80	28.94 0.79 0.00	29.26 0.85 0.00	32.86 0.91 -3.54	35.02 0.91 -5.76	38.32 0.94 -8.97	46.68 1.08 -12.85	64.30 1.27 -21.92	56.19 0.94 -26.76	48.03 0.91 -18.63	39.11 0.96 -9.07	35.99 0.88 -6.70	29.79 0.96 -0.45	28.32 0.74 0.00
GREENDGE_115KV_TB5 80291	30.28 0.30 0.00	29.11 0.32 0.00	28.46 0.11 0.00	28.58 0.11 0.00	28.75 0.06 -0.19	31.30 0.22 -0.11	38.01 -0.04 -2.25	45.21 -0.36 -0.88	36.09 0.03 -2.66	32.36 0.35 -0.55	29.07 0.17 -0.43	28.04 -0.11 0.00	28.32 -0.09 0.00	29.11 -0.14 -0.84	29.47 -0.26 -1.37	30.38 -0.17 -2.14	35.66 -0.10 -3.01	45.45 -0.78 -5.12	35.04 0.17 -6.38	32.91 -0.03 -4.44	31.48 0.23 -2.16	29.83 -0.17 -1.60	28.20 -0.28 -0.11	27.30 -0.28 0.00
GREENIDGE___3 23582	30.28 0.30 0.00	29.11 0.32 0.00	28.46 0.11 0.00	28.58 0.11 0.00	28.75 0.06 -0.19	31.30 0.22 -0.11	38.01 -0.04 -2.25	45.21 -0.36 -0.88	36.09 0.03 -2.66	32.36 0.35 -0.55	29.07 0.17 -0.43	28.04 -0.11 0.00	28.32 -0.09 0.00	29.11 -0.14 -0.84	29.47 -0.26 -1.37	30.38 -0.17 -2.14	35.66 -0.10 -3.01	45.45 -0.78 -5.12	35.04 0.17 -6.38	32.91 -0.03 -4.44	31.48 0.23 -2.16	29.83 -0.17 -1.60	28.20 -0.28 -0.11	27.30 -0.28 0.00
GREENIDGE___4 23583	30.28 0.30 0.00	29.11 0.32 0.00	28.46 0.11 0.00	28.64 0.17 0.00	28.75 0.06 -0.19	31.30 0.22 -0.11	38.01 -0.04 -2.25	45.21 -0.36 -0.88	36.11 0.07 -2.65	32.36 0.35 -0.55	29.07 0.17 -0.43	28.09 -0.06 0.00	28.41 0.00 0.00	29.11 -0.14 -0.84	29.46 -0.26 -1.37	30.37 -0.17 -2.13	35.65 -0.10 -3.00	45.61 -0.78 -5.28	35.02 0.17 -6.35	33.12 0.20 -4.42	31.47 0.23 -2.15	29.83 -0.17 -1.59	28.20 -0.28 -0.11	27.30 -0.28 0.00
GREENLWN_69_KV_BK 3 55738	40.34 2.40 -7.96	39.84 2.22 -8.83	37.99 2.01 -7.63	37.71 1.91 -7.33	39.00 2.28 -8.23	40.85 2.63 -7.24	50.02 3.11 -11.11	62.10 4.60 -12.81	46.94 3.07 -10.48	41.66 3.15 -7.05	42.44 2.90 -11.07	41.81 2.79 -10.88	42.20 2.73 -11.06	42.61 2.76 -11.45	43.02 2.58 -12.09	44.79 2.73 -13.65	64.14 2.95 -28.45	77.83 4.19 -32.52	71.22 2.99 -39.73	63.54 2.59 -32.45	51.48 2.65 -19.75	47.32 2.41 -16.50	43.52 2.38 -12.76	41.52 2.15 -11.80
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.17 1.71 0.00	31.27 2.14 -0.64	33.68 2.35 -0.35	46.02 2.83 -7.39	51.66 3.98 -3.00	45.30 2.97 -8.94	36.31 2.99 -1.86	32.64 2.73 -1.44	30.74 2.59 0.00	30.94 2.53 0.00	33.80 2.56 -2.83	35.41 2.44 -4.62	38.04 2.44 -7.19	45.95 2.91 -10.30	62.25 3.86 -17.27	52.63 2.71 -21.43	45.92 2.51 -14.92	38.85 2.50 -7.27	36.13 2.36 -5.37	31.06 2.33 -0.36	29.56 1.99 0.00
GRISSOM___SOLAR 323813	32.26 2.28 0.00	31.06 2.27 0.00	30.42 2.07 0.00	30.69 2.22 0.00	31.97 2.51 -0.96	34.60 3.10 -0.53	51.03 4.08 -11.15	54.13 4.92 -4.53	50.49 3.57 -13.52	37.55 3.27 -2.82	33.27 2.62 -2.18	30.40 2.25 0.00	31.02 2.61 0.00	35.40 2.70 -4.29	37.97 2.64 -6.98	42.15 2.87 -10.87	51.66 3.34 -15.57	72.12 4.52 -26.48	64.13 3.22 -32.42	54.00 2.94 -22.57	42.89 2.82 -10.99	38.88 2.36 -8.12	31.16 2.24 -0.54	29.43 1.85 0.00
GROVEVILLE___HYD 323602	31.99 2.01 0.00	30.66 1.87 0.00	30.00 1.64 0.00	30.06 1.59 0.00	31.08 1.94 -0.64	33.62 2.29 -0.35	46.15 2.90 -7.45	51.33 3.62 -3.02	45.05 2.64 -9.02	35.83 2.49 -1.88	32.11 2.19 -1.45	30.18 2.03 0.00	30.48 2.07 0.00	33.45 2.19 -2.86	35.11 2.10 -4.66	37.82 2.16 -7.25	45.68 2.55 -10.39	61.98 3.33 -17.54	52.51 2.39 -21.62	45.77 2.22 -15.05	38.65 2.24 -7.33	35.87 2.05 -5.41	30.64 1.90 -0.36	29.20 1.63 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.04 0.06 0.00	28.85 0.06 0.00	28.32 -0.03 0.00	28.44 -0.03 0.00	28.63 0.00 -0.13	30.96 -0.09 -0.07	37.22 -0.11 -1.53	44.99 -0.31 -0.62	35.04 -0.20 -1.84	31.72 -0.13 -0.38	28.65 -0.11 -0.30	27.87 -0.28 0.00	28.18 -0.23 0.00	28.79 -0.20 -0.58	29.08 -0.23 -0.95	29.72 -0.17 -1.48	34.67 -0.20 -2.12	44.43 -0.29 -3.60	32.80 -0.11 -4.42	31.40 -0.17 -3.08	30.55 -0.03 -1.50	29.34 -0.17 -1.11	28.23 -0.23 -0.07	27.38 -0.19 0.00
HAMLTNNY_34_KV_TB 80303	30.04 0.06 0.00	28.88 0.09 0.00	28.32 -0.03 0.00	28.44 -0.03 0.00	28.66 0.03 -0.14	31.02 -0.03 -0.07	37.31 -0.07 -1.58	45.01 -0.31 -0.64	35.13 -0.17 -1.91	31.77 -0.09 -0.40	28.66 -0.11 -0.31	27.87 -0.28 0.00	28.15 -0.26 0.00	28.81 -0.20 -0.60	29.08 -0.26 -0.98	29.77 -0.17 -1.53	34.78 -0.16 -2.20	44.55 -0.29 -3.72	33.01 -0.06 -4.57	31.54 -0.14 -3.18	30.63 0.00 -1.55	29.38 -0.17 -1.14	28.23 -0.23 -0.08	27.36 -0.22 0.00
HAMPSHIRE___PAPER_HYD 323593	29.86 -0.12 0.00	28.70 -0.09 0.00	28.35 0.00 0.00	28.41 -0.06 0.00	28.44 -0.09 -0.03	30.90 -0.09 -0.02	36.19 0.00 -0.39	44.98 0.13 -0.16	33.87 0.00 -0.48	31.41 -0.16 -0.10	28.52 -0.03 -0.08	28.12 -0.03 0.00	28.38 -0.03 0.00	28.50 -0.06 -0.15	28.60 0.00 -0.25	28.85 0.06 -0.38	33.29 0.00 -0.55	42.05 0.00 -0.94	29.89 0.26 -1.14	29.46 0.17 -0.79	29.65 0.18 -0.39	28.75 0.06 -0.29	28.37 -0.03 -0.02	27.52 -0.06 0.00
HARDSCRABBLE_WT_PWR 323673	31.30 1.32 0.00	30.09 1.30 0.00	29.57 1.22 0.00	29.69 1.22 0.00	29.71 1.20 -0.02	32.29 1.30 -0.01	37.50 1.50 -0.19	46.46 1.70 -0.08	34.90 1.27 -0.24	32.71 1.20 -0.05	29.61 1.11 -0.04	29.19 1.04 0.00	29.46 1.05 0.00	29.50 1.02 -0.07	29.44 0.96 -0.12	29.59 0.99 -0.19	34.19 1.18 -0.27	43.05 1.48 -0.46	30.11 1.05 -0.56	29.83 0.94 -0.39	30.09 0.81 -0.19	29.26 0.71 -0.14	29.01 0.62 -0.01	28.13 0.55 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.78 1.80 0.00	30.43 1.64 0.00	29.77 1.42 0.00	29.83 1.37 0.00	30.80 1.71 -0.60	33.35 2.04 -0.33	45.32 2.61 -6.91	50.84 3.35 -2.80	44.22 2.47 -8.36	35.60 2.39 -1.74	31.95 2.13 -1.35	30.12 1.97 0.00	30.40 1.99 0.00	33.13 2.07 -2.65	34.62 1.96 -4.32	37.12 1.99 -6.72	44.76 2.39 -9.63	60.40 3.17 -16.12	50.82 2.28 -20.04	44.56 2.11 -13.95	38.00 2.12 -6.79	35.33 1.90 -5.02	30.50 1.79 -0.33	29.09 1.52 0.00
HARSNRAD_115KV_TB1 81005	28.45 -1.53 0.00	27.46 -1.32 0.00	26.73 -1.62 0.00	26.84 -1.62 0.00	26.98 -1.68 -0.17	29.34 -1.73 -0.09	35.54 -2.18 -1.93	41.24 -4.16 -0.71	33.22 -2.50 -2.33	30.09 -1.86 -0.48	26.96 -1.88 -0.38	25.84 -2.31 0.00	26.05 -2.36 0.00	26.79 -2.36 -0.74	27.00 -2.55 -1.20	28.01 -2.27 -1.87	32.29 -2.88 -2.43	40.94 -4.32 -4.14	32.00 -2.08 -5.58	29.96 -2.42 -3.89	29.20 -1.77 -1.89	27.53 -2.27 -1.40	26.17 -2.30 -0.09	25.43 -2.15 0.00
HARZA MOOSE__RIVER 24016	30.52 0.54 0.00	29.36 0.58 0.00	28.89 0.54 0.00	29.01 0.54 0.00	29.08 0.54 -0.04	31.56 0.56 -0.02	37.02 0.72 -0.51	45.61 0.71 -0.21	34.51 0.50 -0.62	31.97 0.38 -0.13	29.08 0.51 -0.10	28.54 0.39 0.00	28.86 0.45 0.00	29.03 0.43 -0.20	29.12 0.45 -0.32	29.47 0.57 -0.50	34.01 0.56 -0.71	42.94 0.62 -1.21	30.83 0.85 -1.48	30.29 0.77 -1.03	30.34 0.76 -0.50	29.35 0.57 -0.37	28.89 0.48 -0.02	27.99 0.41 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.80 -0.18 0.00	28.62 -0.17 0.00	28.10 -0.26 0.00	28.21 -0.26 0.00	28.39 -0.23 -0.13	30.68 -0.37 -0.07	36.74 -0.50 -1.45	44.47 -0.80 -0.59	34.64 -0.50 -1.75	31.42 -0.41 -0.36	28.41 -0.34 -0.28	27.67 -0.48 0.00	27.95 -0.45 0.00	28.54 -0.43 -0.56	28.80 -0.45 -0.90	29.42 -0.40 -1.41	34.23 -0.52 -2.02	43.87 -0.66 -3.42	32.29 -0.40 -4.20	31.02 -0.40 -2.92	30.25 -0.26 -1.42	29.09 -0.37 -1.05	28.02 -0.43 -0.07	27.19 -0.39 0.00
HELLGATE_13_KV_LD 55870	32.14 2.16 0.00	30.72 1.93 0.00	30.02 1.67 0.00	29.98 1.51 0.00	31.07 1.94 -0.64	33.50 2.17 -0.35	45.94 2.76 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.22 2.89 -1.86	32.56 2.65 -1.44	30.63 2.48 0.00	30.85 2.44 0.00	33.69 2.44 -2.83	35.26 2.30 -4.62	37.95 2.36 -7.19	45.79 2.75 -10.30	62.04 3.66 -17.27	52.49 2.56 -21.43	45.81 2.39 -14.92	38.73 2.38 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.40 1.82 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.14 2.16 0.00	30.72 1.93 0.00	30.02 1.67 0.00	29.98 1.51 0.00	31.07 1.94 -0.64	33.50 2.17 -0.35	45.94 2.76 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.22 2.89 -1.86	32.56 2.65 -1.44	30.63 2.48 0.00	30.85 2.44 0.00	33.69 2.44 -2.83	35.26 2.30 -4.62	37.95 2.36 -7.19	45.79 2.75 -10.30	62.04 3.66 -17.27	52.49 2.56 -21.43	45.81 2.39 -14.92	38.73 2.38 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.40 1.82 0.00
HEMPSTEAD____ 23647	40.28 2.34 -7.96	39.78 2.16 -8.83	37.88 1.90 -7.63	37.88 2.08 -7.33	38.89 2.16 -8.23	40.85 2.63 -7.24	50.22 3.29 -11.13	64.79 4.33 -15.77	47.00 3.24 -10.37	41.70 3.21 -7.02	42.39 2.87 -11.05	41.73 2.70 -10.88	42.20 2.73 -11.06	42.52 2.70 -11.41	42.96 2.58 -12.03	44.59 2.61 -13.57	64.21 3.14 -28.32	77.72 4.07 -32.54	70.84 2.88 -39.47	63.52 2.76 -32.26	51.53 2.79 -19.66	47.40 2.56 -16.43	43.60 2.47 -12.76	41.47 2.09 -11.80
HEWLETT__69_KV_BK3 55828	40.58 2.64 -7.96	40.04 2.42 -8.83	38.13 2.15 -7.63	37.88 2.08 -7.33	39.17 2.45 -8.23	41.13 2.91 -7.24	50.58 3.65 -11.13	65.23 4.78 -15.77	47.45 3.57 -10.48	41.97 3.46 -7.05	42.67 3.13 -11.07	41.98 2.96 -10.88	42.42 2.95 -11.06	42.84 2.98 -11.45	43.27 2.84 -12.09	44.99 2.93 -13.66	64.63 3.44 -28.45	78.08 4.44 -32.53	71.41 3.16 -39.75	63.97 3.02 -32.46	51.92 3.08 -19.75	47.72 2.81 -16.50	43.89 2.75 -12.76	41.72 2.34 -11.80
HICKLING____1 23621	30.43 0.45 0.00	29.28 0.49 0.00	28.58 0.23 0.00	28.67 0.20 0.00	28.72 0.00 -0.23	31.26 0.15 -0.12	38.58 0.14 -2.64	45.43 -0.31 -1.05	36.46 -0.13 -3.20	32.32 0.19 -0.67	28.98 0.00 -0.52	28.01 -0.14 0.00	28.27 -0.14 0.00	29.05 -0.37 -1.02	29.44 -0.57 -1.65	30.50 -0.48 -2.57	35.86 -0.49 -3.61	46.41 -0.82 -6.12	36.05 -0.11 -7.67	33.52 -0.31 -5.34	31.69 0.00 -2.60	29.93 -0.40 -1.92	28.02 -0.48 -0.13	27.30 -0.28 0.00
HICKLING____2 23622	30.43 0.45 0.00	29.28 0.49 0.00	28.58 0.23 0.00	28.67 0.20 0.00	28.72 0.00 -0.23	31.26 0.15 -0.12	38.58 0.14 -2.64	45.43 -0.31 -1.05	36.46 -0.13 -3.20	32.32 0.19 -0.67	28.98 0.00 -0.52	28.01 -0.14 0.00	28.27 -0.14 0.00	29.05 -0.37 -1.02	29.44 -0.57 -1.65	30.50 -0.48 -2.57	35.86 -0.49 -3.61	46.41 -0.82 -6.12	36.05 -0.11 -7.67	33.52 -0.31 -5.34	31.69 0.00 -2.60	29.93 -0.40 -1.92	28.02 -0.48 -0.13	27.30 -0.28 0.00
HIGH FALLS____HY 23754	31.87 1.89 0.00	30.52 1.73 0.00	29.85 1.50 0.00	29.92 1.45 0.00	30.90 1.77 -0.63	33.40 2.08 -0.35	45.86 2.72 -7.34	51.15 3.49 -2.98	44.64 2.37 -8.88	35.55 2.23 -1.85	31.84 1.94 -1.43	29.92 1.77 0.00	30.03 1.62 0.00	32.96 1.73 -2.82	34.61 1.67 -4.59	37.25 1.70 -7.14	45.07 2.10 -10.23	61.44 2.80 -17.53	51.84 2.05 -21.29	45.22 1.91 -14.82	38.37 2.07 -7.22	35.61 1.87 -5.33	30.44 1.70 -0.36	29.01 1.43 0.00
HILLBURN____GT 23639	31.78 1.80 0.00	30.43 1.64 0.00	29.77 1.42 0.00	30.06 1.59 0.00	30.78 1.68 -0.61	33.35 2.04 -0.33	45.43 2.61 -7.02	51.02 3.49 -2.85	44.32 2.57 -8.36	35.75 2.55 -1.74	32.12 2.30 -1.35	30.32 2.17 0.00	30.60 2.19 0.00	33.25 2.19 -2.65	34.71 2.04 -4.32	37.18 2.05 -6.72	44.86 2.49 -9.63	60.74 3.25 -16.38	50.87 2.34 -20.04	44.67 2.22 -13.95	38.09 2.21 -6.79	35.41 1.99 -5.02	30.62 1.90 -0.33	29.15 1.57 0.00
HILLSIDE_115KV_TB1 80332	30.07 0.09 0.00	28.90 0.12 0.00	28.24 -0.11 0.00	28.30 -0.17 0.00	28.36 -0.37 -0.23	30.83 -0.28 -0.13	38.17 -0.32 -2.70	44.88 -0.89 -1.09	36.07 -0.63 -3.31	31.87 -0.28 -0.69	28.60 -0.40 -0.53	27.70 -0.45 0.00	27.95 -0.45 0.00	28.75 -0.71 -1.05	29.12 -0.94 -1.71	30.19 -0.88 -2.66	35.57 -0.92 -3.74	46.18 -1.27 -6.34	35.94 -0.48 -7.93	33.36 -0.66 -5.52	31.37 -0.41 -2.69	29.65 -0.74 -1.99	27.72 -0.79 -0.13	27.03 -0.55 0.00
HISHELDN_WT_PWR 323625	29.08 -0.90 0.00	28.01 -0.78 0.00	27.30 -1.05 0.00	27.44 -1.02 0.00	27.37 -1.31 -0.18	29.78 -1.30 -0.10	36.24 -1.68 -2.12	42.26 -3.22 -0.79	33.96 -1.97 -2.54	30.58 -1.42 -0.53	27.43 -1.45 -0.41	26.52 -1.63 0.00	26.79 -1.62 0.00	27.25 -1.96 -0.81	27.48 -2.18 -1.31	28.49 -1.96 -2.04	32.98 -2.46 -2.69	42.34 -3.62 -4.85	32.88 -1.71 -6.09	31.20 -1.54 -4.24	29.75 -1.40 -2.06	28.09 -1.85 -1.52	26.58 -1.90 -0.10	25.92 -1.65 0.00
HOLTSVILLE_IC_1 23690	40.52 2.58 -7.96	40.04 2.42 -8.83	38.11 2.13 -7.63	38.13 2.33 -7.33	39.14 2.42 -8.23	41.13 2.91 -7.24	50.70 3.65 -11.25	87.92 4.51 -38.72	47.34 3.54 -10.41	41.98 3.49 -7.02	42.65 3.13 -11.05	41.98 2.95 -10.88	42.45 2.98 -11.06	42.77 2.95 -11.41	43.21 2.83 -12.03	44.83 2.81 -13.61	64.37 3.31 -28.32	78.01 4.32 -32.58	71.17 3.08 -39.59	63.71 2.91 -32.30	51.75 2.97 -19.70	47.64 2.75 -16.47	43.80 2.67 -12.76	41.64 2.26 -11.80

HOLTSVILLE_IC_10 23699	40.67 2.73 -7.96	40.18 2.56 -8.83	38.25 2.27 -7.63	38.27 2.48 -7.33	39.29 2.57 -8.23	41.28 3.07 -7.24	50.88 3.83 -11.25	87.27 4.78 -37.80	47.51 3.71 -10.41	42.17 3.68 -7.02	42.79 3.27 -11.05	42.12 3.10 -10.88	42.62 3.15 -11.06	42.95 3.12 -11.41	43.38 3.00 -12.03	45.00 2.98 -13.61	64.60 3.54 -28.32	78.25 4.56 -32.58	71.33 3.25 -39.59	63.90 3.11 -32.30	51.95 3.17 -19.70	47.78 2.90 -16.47	43.97 2.84 -12.76	41.77 2.40 -11.80
HOLTSVILLE_IC_2 23691	40.52 2.58 -7.96	40.04 2.42 -8.83	38.11 2.13 -7.63	38.13 2.33 -7.33	39.14 2.42 -8.23	41.13 2.91 -7.24	50.70 3.65 -11.25	87.92 4.51 -38.72	47.34 3.54 -10.41	41.98 3.49 -7.02	42.65 3.13 -11.05	41.98 2.95 -10.88	42.45 2.98 -11.06	42.77 2.95 -11.41	43.21 2.83 -12.03	44.83 2.81 -13.61	64.37 3.31 -28.32	78.01 4.32 -32.58	71.17 3.08 -39.59	63.71 2.91 -32.30	51.75 2.97 -19.70	47.64 2.75 -16.47	43.80 2.67 -12.76	41.64 2.26 -11.80
HOLTSVILLE_IC_3 23692	40.52 2.58 -7.96	40.04 2.42 -8.83	38.11 2.13 -7.63	38.13 2.33 -7.33	39.14 2.42 -8.23	41.13 2.91 -7.24	50.70 3.65 -11.25	87.92 4.51 -38.72	47.34 3.54 -10.41	41.98 3.49 -7.02	42.65 3.13 -11.05	41.98 2.95 -10.88	42.45 2.98 -11.06	42.77 2.95 -11.41	43.21 2.83 -12.03	44.83 2.81 -13.61	64.37 3.31 -28.32	78.01 4.32 -32.58	71.17 3.08 -39.59	63.71 2.91 -32.30	51.75 2.97 -19.70	47.64 2.75 -16.47	43.80 2.67 -12.76	41.64 2.26 -11.80
HOLTSVILLE_IC_4 23693	40.52 2.58 -7.96	40.04 2.42 -8.83	38.11 2.13 -7.63	38.13 2.33 -7.33	39.14 2.42 -8.23	41.13 2.91 -7.24	50.70 3.65 -11.25	87.92 4.51 -38.72	47.34 3.54 -10.41	41.98 3.49 -7.02	42.65 3.13 -11.05	41.98 2.95 -10.88	42.45 2.98 -11.06	42.77 2.95 -11.41	43.21 2.83 -12.03	44.83 2.81 -13.61	64.37 3.31 -28.32	78.01 4.32 -32.58	71.17 3.08 -39.59	63.71 2.91 -32.30	51.75 2.97 -19.70	47.64 2.75 -16.47	43.80 2.67 -12.76	41.64 2.26 -11.80
HOLTSVILLE_IC_5 23694	40.52 2.58 -7.96	40.04 2.42 -8.83	38.11 2.13 -7.63	38.13 2.33 -7.33	39.14 2.42 -8.23	41.13 2.91 -7.24	50.70 3.65 -11.25	87.92 4.51 -38.72	47.34 3.54 -10.41	41.98 3.49 -7.02	42.65 3.13 -11.05	41.98 2.95 -10.88	42.45 2.98 -11.06	42.77 2.95 -11.41	43.21 2.83 -12.03	44.83 2.81 -13.61	64.37 3.31 -28.32	78.01 4.32 -32.58	71.17 3.08 -39.59	63.71 2.91 -32.30	51.75 2.97 -19.70	47.64 2.75 -16.47	43.80 2.67 -12.76	41.64 2.26 -11.80
HOLTSVILLE_IC_6 23695	40.67 2.73 -7.96	40.18 2.56 -8.83	38.25 2.27 -7.63	38.27 2.48 -7.33	39.29 2.57 -8.23	41.28 3.07 -7.24	50.88 3.83 -11.25	87.27 4.78 -37.80	47.51 3.71 -10.41	42.17 3.68 -7.02	42.79 3.27 -11.05	42.12 3.10 -10.88	42.62 3.15 -11.06	42.95 3.12 -11.41	43.38 3.00 -12.03	45.00 2.98 -13.61	64.60 3.54 -28.32	78.25 4.56 -32.58	71.33 3.25 -39.59	63.90 3.11 -32.30	51.95 3.17 -19.70	47.78 2.90 -16.47	43.97 2.84 -12.76	41.77 2.40 -11.80
HOLTSVILLE_IC_7 23696	40.67 2.73 -7.96	40.18 2.56 -8.83	38.25 2.27 -7.63	38.27 2.48 -7.33	39.29 2.57 -8.23	41.28 3.07 -7.24	50.88 3.83 -11.25	87.27 4.78 -37.80	47.51 3.71 -10.41	42.17 3.68 -7.02	42.79 3.27 -11.05	42.12 3.10 -10.88	42.62 3.15 -11.06	42.95 3.12 -11.41	43.38 3.00 -12.03	45.00 2.98 -13.61	64.60 3.54 -28.32	78.25 4.56 -32.58	71.33 3.25 -39.59	63.90 3.11 -32.30	51.95 3.17 -19.70	47.78 2.90 -16.47	43.97 2.84 -12.76	41.77 2.40 -11.80
HOLTSVILLE_IC_8 23697	40.67 2.73 -7.96	40.18 2.56 -8.83	38.25 2.27 -7.63	38.27 2.48 -7.33	39.29 2.57 -8.23	41.28 3.07 -7.24	50.88 3.83 -11.25	87.27 4.78 -37.80	47.51 3.71 -10.41	42.17 3.68 -7.02	42.79 3.27 -11.05	42.12 3.10 -10.88	42.62 3.15 -11.06	42.95 3.12 -11.41	43.38 3.00 -12.03	45.00 2.98 -13.61	64.60 3.54 -28.32	78.25 4.56 -32.58	71.33 3.25 -39.59	63.90 3.11 -32.30	51.95 3.17 -19.70	47.78 2.90 -16.47	43.97 2.84 -12.76	41.77 2.40 -11.80
HOLTSVILLE_IC_9 23698	40.67 2.73 -7.96	40.18 2.56 -8.83	38.25 2.27 -7.63	38.27 2.48 -7.33	39.29 2.57 -8.23	41.28 3.07 -7.24	50.88 3.83 -11.25	87.27 4.78 -37.80	47.51 3.71 -10.41	42.17 3.68 -7.02	42.79 3.27 -11.05	42.12 3.10 -10.88	42.62 3.15 -11.06	42.95 3.12 -11.41	43.38 3.00 -12.03	45.00 2.98 -13.61	64.60 3.54 -28.32	78.25 4.56 -32.58	71.33 3.25 -39.59	63.90 3.11 -32.30	51.95 3.17 -19.70	47.78 2.90 -16.47	43.97 2.84 -12.76	41.77 2.40 -11.80
HOMER_HL_115KV_TB2 355744	29.47 -0.51 0.00	28.39 -0.40 0.00	27.61 -0.74 0.00	27.67 -0.80 0.00	26.97 -1.71 -0.18	29.38 -1.70 -0.10	36.02 -1.90 -2.12	42.45 -3.04 -0.80	33.89 -2.07 -2.57	30.52 -1.48 -0.54	27.34 -1.54 -0.41	27.08 -1.07 0.00	27.27 -1.14 0.00	27.15 -2.07 -0.81	27.24 -2.44 -1.33	28.14 -2.33 -2.07	32.96 -2.52 -2.74	42.54 -3.21 -4.63	33.00 -1.65 -6.16	30.79 -1.99 -4.29	29.63 -1.54 -2.09	27.96 -1.99 -1.54	26.38 -2.10 -0.10	26.45 -1.13 0.00
HOWARD_WT_PWR 323690	30.22 0.24 0.00	29.05 0.26 0.00	28.29 -0.06 0.00	28.44 -0.03 0.00	28.36 -0.34 -0.20	30.88 -0.22 -0.11	37.81 -0.36 -2.37	44.40 -1.20 -0.92	35.56 -0.64 -2.80	31.73 -0.31 -0.58	28.49 -0.43 -0.45	27.47 -0.68 0.00	27.76 -0.65 0.00	28.28 -1.02 -0.89	28.55 -1.25 -1.45	29.58 -1.08 -2.25	34.54 -1.34 -3.14	44.58 -2.05 -5.52	34.42 -0.80 -6.72	32.46 -0.71 -4.68	30.72 -0.64 -2.28	29.07 -1.02 -1.68	27.33 -1.16 -0.11	26.61 -0.97 0.00
HQ_GEN_CEDARS 23644	29.89 -0.09 0.00	28.67 -0.12 0.00	28.44 0.09 0.00	28.58 0.11 0.00	28.41 -0.09 0.00	30.92 -0.06 0.00	35.73 -0.07 0.00	45.13 0.45 0.00	33.63 0.23 0.00	31.56 0.09 0.00	28.55 0.09 0.00	28.38 0.23 0.00	28.63 0.23 0.00	28.58 0.17 0.00	28.55 0.20 0.00	28.58 0.17 0.00	32.91 0.16 0.00	41.40 0.29 0.00	28.58 0.09 0.00	28.61 0.11 0.00	29.14 0.06 0.00	28.46 0.06 0.00	28.44 0.06 0.00	27.69 0.11 0.00
HQ_GEN_CEDARS_PROXY 323590	29.89 -0.09 0.00	28.67 -0.11 0.00	28.44 0.09 0.00	28.44 -0.03 0.00	28.41 -0.09 0.00	30.92 -0.06 0.00	35.73 -0.07 0.00	45.13 0.45 0.00	33.63 0.24 0.00	31.56 0.09 0.00	28.55 0.09 0.00	28.35 0.20 0.00	28.58 0.17 0.00	28.58 0.17 0.00	28.55 0.20 0.00	28.58 0.17 0.00	32.91 0.16 0.00	41.40 0.29 0.00	28.58 0.09 0.00	28.52 0.03 0.00	29.14 0.06 0.00	28.46 0.06 0.00	28.44 0.06 0.00	27.69 0.11 0.00
HQ_GEN_IMPORT 323601	29.68 -0.30 0.00	28.50 -0.29 0.00	28.21 -0.14 0.00	28.21 -0.26 0.00	28.21 -0.28 0.00	30.70 -0.28 0.00	35.47 -0.32 0.00	44.46 -0.22 0.00	33.13 -0.27 0.00	31.15 -0.31 0.00	28.21 -0.26 0.00	28.01 -0.14 0.00	28.21 -0.20 0.00	28.21 -0.20 0.00	28.21 -0.14 0.00	28.21 -0.20 0.00	32.52 -0.23 0.00	40.83 -0.29 0.00	28.21 -0.28 0.00	28.21 -0.28 0.00	28.77 -0.32 0.00	28.21 -0.20 0.00	28.21 -0.17 0.00	27.47 -0.11 0.00
HQ_GEN_WHEEL 23651	29.68 -0.30 0.00	28.50 -0.29 0.00	28.21 -0.14 0.00	28.21 -0.26 0.00	28.21 -0.28 0.00	30.70 -0.28 0.00	35.47 -0.32 0.00	44.46 -0.22 0.00	33.13 -0.27 0.00	31.15 -0.31 0.00	28.21 -0.26 0.00	28.01 -0.14 0.00	28.21 -0.20 0.00	28.21 -0.20 0.00	28.21 -0.14 0.00	28.21 -0.20 0.00	32.52 -0.23 0.00	40.83 -0.29 0.00	28.21 -0.28 0.00	28.21 -0.28 0.00	28.77 -0.32 0.00	28.21 -0.20 0.00	28.21 -0.17 0.00	27.47 -0.11 0.00

HUDSON AVE_GT_3 23810	32.02 2.04 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.59 2.26 -0.35	46.05 2.86 -7.39	51.62 3.93 -3.00	45.24 2.91 -8.94	36.25 2.93 -1.86	32.58 2.68 -1.44	30.66 2.51 0.00	30.85 2.44 0.00	33.71 2.47 -2.83	35.29 2.32 -4.62	37.95 2.36 -7.19	45.82 2.78 -10.29	62.04 3.66 -17.27	52.52 2.59 -21.43	45.84 2.42 -14.92	38.85 2.50 -7.26	36.05 2.27 -5.37	30.92 2.19 -0.36	29.37 1.79 0.00
HUDSON AVE_GT_4 23540	32.02 2.04 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.59 2.26 -0.35	46.05 2.86 -7.39	51.62 3.93 -3.00	45.24 2.91 -8.94	36.25 2.93 -1.86	32.58 2.68 -1.44	30.66 2.51 0.00	30.85 2.44 0.00	33.71 2.47 -2.83	35.29 2.32 -4.62	37.95 2.36 -7.19	45.82 2.78 -10.29	62.04 3.66 -17.27	52.52 2.59 -21.43	45.84 2.42 -14.92	38.85 2.50 -7.26	36.05 2.27 -5.37	30.92 2.19 -0.36	29.37 1.79 0.00
HUDSON AVE_GT_5 23657	32.02 2.04 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.59 2.26 -0.35	46.05 2.86 -7.39	51.62 3.93 -3.00	45.24 2.91 -8.94	36.25 2.93 -1.86	32.58 2.68 -1.44	30.66 2.51 0.00	30.85 2.44 0.00	33.71 2.47 -2.83	35.29 2.32 -4.62	37.95 2.36 -7.19	45.82 2.78 -10.29	62.04 3.66 -17.27	52.52 2.59 -21.43	45.84 2.42 -14.92	38.85 2.50 -7.26	36.05 2.27 -5.37	30.92 2.19 -0.36	29.37 1.79 0.00
HUDSON_AVE_10 24168	31.93 1.95 0.00	30.52 1.73 0.00	29.83 1.47 0.00	29.83 1.37 0.00	30.93 1.80 -0.64	33.50 2.17 -0.35	46.01 2.83 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.19 2.86 -1.86	32.53 2.62 -1.44	30.60 2.45 0.00	30.79 2.39 0.00	33.66 2.41 -2.83	35.23 2.27 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.29	62.00 3.62 -17.27	52.46 2.54 -21.43	45.81 2.39 -14.92	38.79 2.44 -7.26	35.99 2.22 -5.37	30.87 2.13 -0.36	29.32 1.74 0.00
HUDSON___115KV_TB 4 355613	31.78 1.80 0.00	30.54 1.76 0.00	29.94 1.59 0.00	30.06 1.59 0.00	30.95 1.68 -0.77	33.51 2.11 -0.42	46.90 2.18 -8.91	50.72 2.41 -3.62	46.11 1.94 -10.78	35.38 1.67 -2.25	31.52 1.31 -1.74	29.33 1.18 0.00	29.71 1.31 0.00	33.25 1.42 -3.42	35.42 1.50 -5.57	38.67 1.59 -8.67	47.06 1.90 -12.42	64.83 2.51 -21.21	56.17 1.82 -25.85	48.20 1.71 -18.00	39.54 1.69 -8.76	36.39 1.51 -6.47	30.49 1.67 -0.43	28.98 1.41 0.00
HUNTER MOUNT___DRP 323613	31.93 1.95 0.00	30.72 1.93 0.00	30.11 1.76 0.00	30.23 1.76 0.00	30.98 1.74 -0.75	33.62 2.23 -0.41	46.75 2.29 -8.66	50.70 2.50 -3.51	45.94 2.07 -10.47	35.34 1.70 -2.18	31.44 1.28 -1.69	29.30 1.15 0.00	29.71 1.31 0.00	33.21 1.48 -3.32	35.32 1.56 -5.41	38.50 1.68 -8.42	46.83 2.03 -12.06	64.45 2.71 -20.62	55.60 1.99 -25.11	47.80 1.82 -17.48	39.37 1.77 -8.51	36.26 1.56 -6.29	30.50 1.70 -0.42	29.01 1.43 0.00
HUNTINGTON_RES_REC 323705	40.46 2.52 -7.96	39.95 2.33 -8.83	38.08 2.10 -7.63	38.08 2.28 -7.33	39.09 2.36 -8.23	41.00 2.79 -7.24	50.24 3.36 -11.08	55.40 4.69 -6.03	47.08 3.34 -10.35	41.82 3.33 -7.02	42.57 3.05 -11.05	41.93 2.90 -10.88	42.40 2.93 -11.06	42.69 2.87 -11.41	43.10 2.72 -12.03	44.74 2.79 -13.55	64.24 3.18 -28.32	77.83 4.20 -32.52	70.88 2.96 -39.42	63.56 2.82 -32.24	51.58 2.85 -19.64	47.43 2.61 -16.41	43.69 2.56 -12.76	41.61 2.23 -11.80
HUNTLEY___63 23557	28.69 -1.29 0.00	27.72 -1.07 0.00	26.99 -1.36 0.00	27.07 -1.39 0.00	27.18 -1.48 -0.17	29.55 -1.52 -0.09	35.82 -1.93 -1.96	41.65 -3.75 -0.71	33.53 -2.24 -2.37	30.38 -1.57 -0.49	27.20 -1.65 -0.38	26.12 -2.03 0.00	26.33 -2.07 0.00	27.03 -2.13 -0.75	27.22 -2.35 -1.22	28.27 -2.05 -1.91	32.57 -2.62 -2.45	41.34 -3.95 -4.17	32.32 -1.85 -5.68	30.23 -2.22 -3.95	29.47 -1.54 -1.93	27.78 -2.05 -1.42	26.37 -2.10 -0.09	25.65 -1.93 0.00
HUNTLEY___64 23558	28.69 -1.29 0.00	27.72 -1.07 0.00	26.99 -1.36 0.00	27.07 -1.39 0.00	27.18 -1.48 -0.17	29.55 -1.52 -0.09	35.82 -1.93 -1.96	41.65 -3.75 -0.71	33.53 -2.24 -2.37	30.38 -1.57 -0.49	27.20 -1.65 -0.38	26.12 -2.03 0.00	26.33 -2.07 0.00	27.03 -2.13 -0.75	27.22 -2.35 -1.22	28.27 -2.05 -1.91	32.57 -2.62 -2.45	41.34 -3.95 -4.17	32.32 -1.85 -5.68	30.23 -2.22 -3.95	29.47 -1.54 -1.93	27.78 -2.05 -1.42	26.37 -2.10 -0.09	25.65 -1.93 0.00
HUNTLEY___65 23559	28.69 -1.29 0.00	27.72 -1.07 0.00	26.99 -1.36 0.00	27.07 -1.39 0.00	27.18 -1.48 -0.17	29.55 -1.52 -0.09	35.82 -1.93 -1.96	41.65 -3.75 -0.71	33.53 -2.24 -2.37	30.38 -1.57 -0.49	27.20 -1.65 -0.38	26.12 -2.03 0.00	26.33 -2.07 0.00	27.03 -2.13 -0.75	27.22 -2.35 -1.22	28.27 -2.05 -1.91	32.57 -2.62 -2.45	41.34 -3.95 -4.17	32.32 -1.85 -5.68	30.23 -2.22 -3.95	29.47 -1.54 -1.93	27.78 -2.05 -1.42	26.37 -2.10 -0.09	25.65 -1.93 0.00
HUNTLEY___66 23560	28.69 -1.29 0.00	27.72 -1.07 0.00	26.99 -1.36 0.00	27.07 -1.39 0.00	27.18 -1.48 -0.17	29.55 -1.52 -0.09	35.82 -1.93 -1.96	41.65 -3.75 -0.71	33.53 -2.24 -2.37	30.38 -1.57 -0.49	27.20 -1.65 -0.38	26.12 -2.03 0.00	26.33 -2.07 0.00	27.03 -2.13 -0.75	27.22 -2.35 -1.22	28.27 -2.05 -1.91	32.57 -2.62 -2.45	41.34 -3.95 -4.17	32.32 -1.85 -5.68	30.23 -2.22 -3.95	29.47 -1.54 -1.93	27.78 -2.05 -1.42	26.37 -2.10 -0.09	25.65 -1.93 0.00
HUNTLEY___67 23561	28.60 -1.38 0.00	27.61 -1.18 0.00	26.88 -1.47 0.00	26.96 -1.51 0.00	27.04 -1.62 -0.17	29.40 -1.67 -0.09	35.67 -2.11 -1.98	41.43 -3.98 -0.72	33.35 -2.44 -2.40	30.20 -1.76 -0.50	27.03 -1.82 -0.39	26.01 -2.14 0.00	26.22 -2.19 0.00	26.87 -2.30 -0.76	27.09 -2.49 -1.24	28.12 -2.22 -1.93	32.42 -2.78 -2.46	41.16 -4.15 -4.19	32.25 -1.99 -5.75	30.16 -2.34 -4.00	29.32 -1.72 -1.95	27.66 -2.19 -1.44	26.26 -2.21 -0.10	25.56 -2.01 0.00
HUNTLEY___68 23562	28.60 -1.38 0.00	27.61 -1.18 0.00	26.88 -1.47 0.00	26.96 -1.51 0.00	27.04 -1.62 -0.17	29.40 -1.67 -0.09	35.67 -2.11 -1.98	41.43 -3.98 -0.72	33.35 -2.44 -2.40	30.20 -1.76 -0.50	27.03 -1.82 -0.39	26.01 -2.14 0.00	26.22 -2.19 0.00	26.87 -2.30 -0.76	27.09 -2.49 -1.24	28.12 -2.22 -1.93	32.42 -2.78 -2.46	41.16 -4.15 -4.19	32.25 -1.99 -5.75	30.16 -2.34 -4.00	29.32 -1.72 -1.95	27.66 -2.19 -1.44	26.26 -2.21 -0.10	25.56 -2.01 0.00
HYLAND___LFGE 323620	30.64 0.66 0.00	29.54 0.75 0.00	28.78 0.43 0.00	29.04 0.57 0.00	29.13 0.45 -0.18	31.82 0.74 -0.10	38.82 0.93 -2.10	46.09 0.58 -0.83	36.50 0.60 -2.51	32.46 0.47 -0.52	28.96 0.09 -0.40	27.70 -0.45 0.00	27.64 -0.77 0.00	28.58 -0.63 -0.80	28.97 -0.68 -1.30	30.09 -0.34 -2.02	35.44 -0.13 -2.82	45.82 -0.33 -5.04	35.05 0.54 -6.02	33.31 0.63 -4.19	31.85 0.73 -2.04	30.00 0.09 -1.51	28.45 -0.03 -0.10	27.44 -0.14 0.00
INDECK___CORINTH 23802	31.24 1.26 0.00	30.03 1.24 0.00	29.49 1.14 0.00	29.72 1.25 0.00	30.75 1.42 -0.83	33.26 1.83 -0.45	47.70 2.33 -9.58	51.16 2.59 -3.89	46.91 1.90 -11.62	35.58 1.70 -2.42	31.74 1.39 -1.87	29.30 1.15 0.00	29.71 1.31 0.00	33.43 1.34 -3.68	35.71 1.36 -6.00	38.94 1.19 -9.34	47.47 1.34 -13.38	65.75 1.89 -22.75	57.69 1.34 -27.85	49.08 1.20 -19.39	39.66 1.13 -9.44	36.23 0.85 -6.97	30.06 1.22 -0.46	28.71 1.13 0.00

INDECK___ILION 23567	30.79 0.81 0.00	29.57 0.78 0.00	29.09 0.74 0.00	29.18 0.71 0.00	29.25 0.74 -0.02	31.79 0.81 -0.01	36.96 0.97 -0.19	45.84 1.07 -0.08	34.43 0.80 -0.24	32.27 0.76 -0.05	29.19 0.68 -0.04	28.80 0.65 0.00	29.06 0.65 0.00	29.14 0.65 -0.07	29.10 0.62 -0.12	29.25 0.65 -0.19	33.80 0.79 -0.27	42.56 0.99 -0.46	29.80 0.74 -0.56	29.54 0.66 -0.39	29.92 0.64 -0.19	29.12 0.57 -0.14	28.90 0.51 -0.01	28.05 0.47 0.00
INDECK___OLEAN 23982	29.47 -0.51 0.00	28.39 -0.40 0.00	27.61 -0.74 0.00	27.78 -0.68 0.00	26.94 -1.74 -0.18	29.38 -1.70 -0.10	36.02 -1.90 -2.12	42.44 -3.04 -0.80	33.93 -2.00 -2.54	30.48 -1.51 -0.53	27.34 -1.54 -0.41	27.14 -1.01 0.00	27.41 -1.00 0.00	27.14 -2.07 -0.80	27.22 -2.44 -1.31	28.12 -2.33 -2.04	32.92 -2.52 -2.70	42.77 -3.21 -4.86	32.92 -1.65 -6.08	31.07 -1.65 -4.23	29.60 -1.54 -2.06	27.94 -1.99 -1.52	26.38 -2.10 -0.10	26.45 -1.13 0.00
INDECK___OSWEGO 23783	29.44 -0.54 0.00	28.30 -0.49 0.00	27.78 -0.57 0.00	27.96 -0.51 0.00	28.09 -0.51 -0.11	30.33 -0.71 -0.06	36.27 -0.82 -1.30	44.01 -1.20 -0.53	34.09 -0.87 -1.56	31.00 -0.79 -0.33	28.01 -0.71 -0.25	27.33 -0.82 0.00	27.61 -0.80 0.00	28.11 -0.80 -0.50	28.33 -0.82 -0.81	28.90 -0.77 -1.26	33.69 -0.85 -1.80	43.11 -1.07 -3.07	31.58 -0.65 -3.74	30.45 -0.65 -2.61	29.71 -0.64 -1.27	28.64 -0.71 -0.94	27.73 -0.71 -0.06	26.94 -0.63 0.00
INDECK___YERKES 23781	28.72 -1.26 0.00	27.75 -1.04 0.00	27.02 -1.33 0.00	27.13 -1.34 0.00	27.21 -1.45 -0.17	29.59 -1.49 -0.09	35.86 -1.90 -1.96	41.69 -3.71 -0.71	33.60 -2.14 -2.35	30.38 -1.57 -0.49	27.22 -1.62 -0.38	26.23 -1.92 0.00	26.50 -1.90 0.00	27.05 -2.10 -0.74	27.24 -2.32 -1.21	28.28 -2.02 -1.89	32.58 -2.59 -2.42	41.68 -3.87 -4.44	32.33 -1.79 -5.62	30.70 -1.71 -3.92	29.48 -1.51 -1.91	27.80 -2.02 -1.41	26.37 -2.10 -0.09	25.65 -1.93 0.00
INDIAN POINT_GT_1 24139	31.78 1.80 0.00	30.43 1.64 0.00	29.77 1.42 0.00	29.80 1.34 0.00	30.81 1.68 -0.63	33.40 2.08 -0.35	45.73 2.61 -7.32	51.14 3.49 -2.97	44.82 2.57 -8.85	35.85 2.55 -1.84	32.20 2.31 -1.43	30.29 2.14 0.00	30.57 2.16 0.00	33.40 2.19 -2.81	34.96 2.04 -4.57	37.60 2.07 -7.12	45.39 2.46 -10.19	61.46 3.25 -17.10	52.02 2.31 -21.22	45.43 2.17 -14.77	38.49 2.21 -7.19	35.71 1.99 -5.31	30.63 1.90 -0.35	29.15 1.57 0.00
INDIAN POINT_GT_2 23659	31.78 1.80 0.00	30.43 1.64 0.00	29.77 1.42 0.00	29.80 1.34 0.00	30.81 1.68 -0.63	33.40 2.08 -0.35	45.73 2.61 -7.32	51.14 3.49 -2.97	44.82 2.57 -8.85	35.85 2.55 -1.84	32.20 2.31 -1.43	30.29 2.14 0.00	30.57 2.16 0.00	33.40 2.19 -2.81	34.96 2.04 -4.57	37.60 2.07 -7.12	45.39 2.46 -10.19	61.46 3.25 -17.10	52.02 2.31 -21.22	45.43 2.17 -14.77	38.49 2.21 -7.19	35.71 1.99 -5.31	30.63 1.90 -0.35	29.15 1.57 0.00
INDIAN POINT_GT_3 24019	31.78 1.80 0.00	30.43 1.64 0.00	29.77 1.42 0.00	29.80 1.34 0.00	30.81 1.68 -0.63	33.40 2.08 -0.35	45.73 2.61 -7.32	51.14 3.49 -2.97	44.82 2.57 -8.85	35.85 2.55 -1.84	32.20 2.31 -1.43	30.29 2.14 0.00	30.57 2.16 0.00	33.40 2.19 -2.81	34.96 2.04 -4.57	37.60 2.07 -7.12	45.39 2.46 -10.19	61.46 3.25 -17.10	52.02 2.31 -21.22	45.43 2.17 -14.77	38.49 2.21 -7.19	35.71 1.99 -5.31	30.63 1.90 -0.35	29.15 1.57 0.00
INDIAN POINT___2 23530	31.75 1.77 0.00	30.40 1.61 0.00	29.74 1.39 0.00	30.03 1.56 0.00	30.77 1.65 -0.62	33.36 2.04 -0.34	45.58 2.58 -7.21	51.01 3.39 -2.92	44.52 2.54 -8.59	35.80 2.55 -1.79	32.13 2.28 -1.39	30.29 2.14 0.00	30.57 2.16 0.00	33.29 2.16 -2.73	34.80 2.01 -4.44	37.34 2.02 -6.91	45.06 2.42 -9.90	61.16 3.21 -16.84	51.38 2.28 -20.61	45.03 2.19 -14.34	38.25 2.18 -6.99	35.52 1.96 -5.16	30.60 1.87 -0.34	29.15 1.57 0.00
INDIAN POINT___3 23531	31.75 1.77 0.00	30.40 1.61 0.00	29.74 1.39 0.00	29.78 1.31 0.00	30.78 1.65 -0.63	33.37 2.04 -0.35	45.70 2.58 -7.32	51.05 3.40 -2.97	44.79 2.54 -8.86	35.82 2.52 -1.84	32.17 2.28 -1.43	30.26 2.11 0.00	30.51 2.10 0.00	33.38 2.16 -2.81	34.94 2.01 -4.57	37.58 2.05 -7.12	45.37 2.42 -10.20	61.39 3.17 -17.11	52.01 2.28 -21.24	45.42 2.14 -14.78	38.47 2.18 -7.20	35.68 1.96 -5.32	30.64 1.90 -0.35	29.15 1.57 0.00
INGHAM_C_115KV_TB7 356103	31.54 1.56 0.00	30.31 1.53 0.00	29.80 1.45 0.00	29.89 1.42 0.00	29.96 1.45 -0.02	32.57 1.58 -0.01	37.82 1.83 -0.19	46.87 2.10 -0.08	35.20 1.57 -0.24	32.99 1.48 -0.05	29.84 1.34 -0.04	29.42 1.27 0.00	29.69 1.28 0.00	29.73 1.25 -0.07	29.66 1.19 -0.12	29.82 1.22 -0.19	34.49 1.47 -0.27	43.38 1.81 -0.46	30.37 1.31 -0.56	30.08 1.20 -0.39	30.41 1.13 -0.19	29.57 1.02 -0.14	29.35 0.96 -0.01	28.46 0.88 0.00
IP CORINTH___1 23988	31.42 1.44 0.00	30.20 1.41 0.00	29.63 1.28 0.00	29.72 1.25 0.00	30.92 1.60 -0.83	33.45 2.01 -0.45	47.88 2.51 -9.58	51.39 2.82 -3.89	47.05 2.07 -11.58	35.76 1.89 -2.41	31.90 1.57 -1.87	29.45 1.29 0.00	29.83 1.42 0.00	33.56 1.48 -3.67	35.83 1.50 -5.98	39.08 1.36 -9.31	47.59 1.51 -13.34	65.95 2.10 -22.74	57.78 1.51 -27.77	49.14 1.31 -19.33	39.81 1.31 -9.41	36.38 1.02 -6.95	30.21 1.36 -0.46	28.85 1.27 0.00
IP___TICONDEROGA 23804	33.01 3.03 0.00	31.75 2.97 0.00	31.10 2.75 0.00	31.20 2.73 0.00	32.54 3.22 -0.83	35.33 3.90 -0.45	50.30 4.94 -9.56	54.33 5.76 -3.88	49.17 4.21 -11.57	37.71 3.84 -2.41	33.52 3.19 -1.87	30.99 2.84 0.00	31.48 3.07 0.00	35.20 3.12 -3.67	37.50 3.18 -5.97	40.89 3.18 -9.30	49.70 3.63 -13.32	68.80 4.97 -22.71	59.73 3.50 -27.73	50.96 3.16 -19.31	41.63 3.14 -9.40	37.94 2.59 -6.94	31.65 2.81 -0.46	30.17 2.59 0.00
ISLIP_RES_REC 323679	40.79 2.85 -7.96	40.30 2.68 -8.83	38.36 2.38 -7.63	38.36 2.56 -7.33	39.40 2.68 -8.23	41.44 3.22 -7.24	51.04 4.01 -11.23	85.07 5.00 -35.38	47.67 3.87 -10.40	42.32 3.84 -7.02	42.93 3.41 -11.05	42.26 3.24 -10.88	42.74 3.27 -11.06	43.09 3.27 -11.41	43.52 3.15 -12.03	45.11 3.10 -13.60	64.79 3.73 -28.32	78.49 4.81 -32.57	71.49 3.42 -39.58	64.10 3.30 -32.30	52.12 3.34 -19.69	47.92 3.04 -16.47	44.11 2.98 -12.76	41.88 2.51 -11.80
JAMAICA__27_KV_LOAD 355505	32.05 2.07 0.00	30.63 1.84 0.00	29.94 1.59 0.00	29.92 1.45 0.00	31.01 1.88 -0.64	33.62 2.29 -0.35	46.23 3.04 -7.39	51.84 4.16 -3.00	45.40 3.07 -8.94	36.38 3.05 -1.86	32.70 2.79 -1.44	30.77 2.62 0.00	30.96 2.56 0.00	33.80 2.56 -2.83	35.38 2.41 -4.62	38.09 2.50 -7.19	46.02 2.98 -10.29	62.33 3.95 -17.27	52.72 2.79 -21.43	46.03 2.62 -14.92	39.00 2.65 -7.26	36.19 2.41 -5.37	31.01 2.27 -0.36	29.43 1.85 0.00
JANIS___SOLAR 323808	31.66 1.68 0.00	30.52 1.73 0.00	29.82 1.47 0.00	30.00 1.54 0.00	30.18 1.45 -0.23	32.81 1.70 -0.13	40.72 2.22 -2.70	48.14 2.37 -1.08	38.39 1.74 -3.26	33.62 1.48 -0.68	30.19 1.20 -0.53	29.13 0.98 0.00	29.51 1.11 0.00	30.49 1.05 -1.03	31.11 1.08 -1.68	32.25 1.22 -2.62	38.17 1.70 -3.73	49.65 2.14 -6.40	38.08 1.77 -7.82	35.65 1.71 -5.44	33.42 1.69 -2.65	31.65 1.28 -1.96	29.62 1.11 -0.13	28.60 1.02 0.00

JARVIS____ 23743	30.16 0.18 0.00	28.96 0.17 0.00	28.49 0.14 0.00	28.64 0.17 0.00	28.68 0.17 -0.02	31.18 0.19 -0.01	36.21 0.22 -0.19	44.99 0.22 -0.08	33.83 0.20 -0.24	31.67 0.16 -0.05	28.65 0.14 -0.04	28.29 0.14 0.00	28.55 0.14 0.00	28.62 0.14 -0.07	28.61 0.14 -0.12	28.77 0.17 -0.19	33.21 0.20 -0.27	41.82 0.25 -0.46	29.26 0.20 -0.56	29.06 0.17 -0.39	29.45 0.18 -0.19	28.69 0.14 -0.14	28.53 0.14 -0.01	27.69 0.11 0.00
JENNISON____1 23625	31.90 1.92 0.00	30.75 1.96 0.00	30.05 1.70 0.00	30.12 1.65 0.00	30.42 1.65 -0.28	33.11 1.98 -0.15	41.55 2.54 -3.21	48.75 2.77 -1.29	39.41 2.14 -3.88	34.16 1.89 -0.81	30.69 1.59 -0.63	29.56 1.41 0.00	29.91 1.51 0.00	31.11 1.48 -1.23	31.80 1.45 -2.00	33.12 1.59 -3.12	39.21 2.03 -4.44	51.24 2.55 -7.57	39.85 2.05 -9.30	36.82 1.85 -6.47	34.19 1.95 -3.15	32.27 1.53 -2.33	29.93 1.39 -0.16	28.85 1.27 0.00
JENNISON____2 23626	31.90 1.92 0.00	30.75 1.96 0.00	30.05 1.70 0.00	30.12 1.65 0.00	30.42 1.65 -0.28	33.11 1.98 -0.15	41.55 2.54 -3.21	48.75 2.77 -1.29	39.41 2.14 -3.88	34.16 1.89 -0.81	30.69 1.59 -0.63	29.56 1.41 0.00	29.91 1.51 0.00	31.11 1.48 -1.23	31.80 1.45 -2.00	33.12 1.59 -3.12	39.21 2.03 -4.44	51.24 2.55 -7.57	39.85 2.05 -9.30	36.82 1.85 -6.47	34.19 1.95 -3.15	32.27 1.53 -2.33	29.93 1.39 -0.16	28.85 1.27 0.00
JERICHO_RISE_WT_PWR 323719	30.43 0.45 0.00	29.16 0.37 0.00	28.89 0.54 0.00	28.89 0.43 0.00	28.84 0.34 0.00	31.41 0.43 0.00	36.34 0.54 0.00	45.63 0.94 0.00	34.00 0.60 0.00	31.90 0.44 0.00	28.89 0.43 0.00	28.71 0.56 0.00	28.89 0.48 0.00	28.83 0.43 0.00	28.72 0.37 0.00	28.63 0.23 0.00	32.91 0.16 0.00	41.40 0.29 0.00	28.49 0.00 0.00	28.47 -0.03 0.00	29.08 0.00 0.00	28.44 0.03 0.00	28.27 -0.11 0.00	27.47 -0.11 0.00
KATONAH____115KV_46KV_TB4 355592	31.96 1.98 0.00	30.63 1.84 0.00	29.94 1.59 0.00	30.00 1.54 0.00	31.03 1.88 -0.65	33.66 2.32 -0.36	46.26 2.94 -7.53	51.63 3.89 -3.05	45.30 2.81 -9.10	36.06 2.71 -1.90	32.38 2.45 -1.47	30.37 2.22 0.00	30.74 2.33 0.00	33.65 2.36 -2.89	35.32 2.27 -4.70	38.03 2.30 -7.32	45.85 2.62 -10.49	62.18 3.45 -17.61	52.77 2.45 -21.83	46.00 2.31 -15.20	38.84 2.36 -7.40	36.00 2.13 -5.46	30.70 1.96 -0.36	29.23 1.65 0.00
KCE_NY_1 323755	31.66 1.68 0.00	30.40 1.61 0.00	29.82 1.47 0.00	30.06 1.59 0.00	31.06 1.74 -0.83	33.54 2.11 -0.45	47.85 2.50 -9.55	51.46 2.90 -3.87	47.15 2.17 -11.58	35.89 2.02 -2.41	32.07 1.74 -1.87	29.73 1.58 0.00	30.11 1.70 0.00	33.79 1.70 -3.67	36.06 1.73 -5.98	39.46 1.73 -9.31	48.08 2.00 -13.34	66.39 2.59 -22.68	58.12 1.85 -27.77	49.60 1.77 -19.33	40.27 1.77 -9.42	36.92 1.56 -6.95	30.49 1.65 -0.46	29.01 1.43 0.00
KCE_NY_6_ESR 323823	28.99 -0.99 0.00	27.98 -0.81 0.00	27.24 -1.11 0.00	27.36 -1.11 0.00	27.22 -1.45 -0.17	29.62 -1.46 -0.10	36.03 -1.79 -2.02	41.99 -3.44 -0.74	33.74 -2.07 -2.42	30.46 -1.51 -0.50	27.32 -1.54 -0.39	26.52 -1.63 0.00	26.79 -1.62 0.00	27.13 -2.05 -0.77	27.30 -2.30 -1.25	28.34 -2.02 -1.94	32.77 -2.49 -2.51	42.03 -3.66 -4.58	32.58 -1.71 -5.80	30.94 -1.60 -4.04	29.60 -1.45 -1.97	27.90 -1.96 -1.45	26.46 -2.01 -0.10	25.92 -1.65 0.00
KEDC_PORT_JEFF_GT2 24210	40.61 2.67 -7.96	40.15 2.53 -8.83	38.22 2.24 -7.63	38.22 2.42 -7.33	39.26 2.54 -8.23	41.22 3.00 -7.24	50.85 3.79 -11.26	89.78 4.78 -40.30	47.48 3.67 -10.41	42.10 3.62 -7.02	42.76 3.24 -11.05	42.10 3.07 -10.88	42.57 3.10 -11.06	42.89 3.07 -11.41	43.33 2.95 -12.03	44.94 2.93 -13.61	64.44 3.37 -28.32	78.10 4.40 -32.58	71.20 3.11 -39.60	63.76 2.96 -32.31	51.81 3.02 -19.70	47.72 2.84 -16.48	43.89 2.75 -12.76	41.72 2.34 -11.80
KEDC_PORT_JEFF_GT3 24211	40.61 2.67 -7.96	40.15 2.53 -8.83	38.22 2.24 -7.63	38.22 2.42 -7.33	39.26 2.54 -8.23	41.22 3.00 -7.24	50.85 3.79 -11.26	89.78 4.78 -40.30	47.48 3.67 -10.41	42.10 3.62 -7.02	42.76 3.24 -11.05	42.10 3.07 -10.88	42.57 3.10 -11.06	42.89 3.07 -11.41	43.33 2.95 -12.03	44.94 2.93 -13.61	64.44 3.37 -28.32	78.10 4.40 -32.58	71.20 3.11 -39.60	63.76 2.96 -32.31	51.81 3.02 -19.70	47.72 2.84 -16.48	43.89 2.75 -12.76	41.72 2.34 -11.80
KEDC_GLWD_GT4 24219	40.46 2.52 -7.96	39.92 2.30 -8.83	38.05 2.07 -7.63	38.05 2.25 -7.33	39.06 2.34 -8.23	41.03 2.82 -7.24	50.44 3.51 -11.13	65.10 4.65 -15.77	47.23 3.47 -10.37	41.89 3.40 -7.02	42.60 3.08 -11.05	41.93 2.90 -10.88	42.40 2.93 -11.06	42.72 2.90 -11.41	43.13 2.75 -12.03	44.79 2.81 -13.57	64.44 3.37 -28.32	78.01 4.36 -32.54	71.07 3.11 -39.47	63.75 2.99 -32.26	51.74 3.00 -19.66	47.59 2.75 -16.43	43.78 2.64 -12.76	41.64 2.26 -11.80
KEDC_GLWD_GT5 24220	40.46 2.52 -7.96	39.92 2.30 -8.83	38.05 2.07 -7.63	38.05 2.25 -7.33	39.06 2.34 -8.23	41.03 2.82 -7.24	50.44 3.51 -11.13	65.10 4.65 -15.77	47.23 3.47 -10.37	41.89 3.40 -7.02	42.60 3.08 -11.05	41.93 2.90 -10.88	42.40 2.93 -11.06	42.72 2.90 -11.41	43.13 2.75 -12.03	44.79 2.81 -13.57	64.44 3.37 -28.32	78.01 4.36 -32.54	71.07 3.11 -39.47	63.75 2.99 -32.26	51.74 3.00 -19.66	47.59 2.75 -16.43	43.78 2.64 -12.76	41.64 2.26 -11.80
KENSICO____ 23655	31.87 1.89 0.00	30.52 1.73 0.00	29.83 1.47 0.00	29.86 1.39 0.00	30.90 1.77 -0.64	33.50 2.17 -0.35	45.90 2.72 -7.38	51.30 3.62 -2.99	45.02 2.70 -8.92	36.00 2.67 -1.86	32.33 2.42 -1.44	30.40 2.25 0.00	30.65 2.24 0.00	33.51 2.27 -2.83	35.11 2.15 -4.61	37.77 2.19 -7.18	45.61 2.59 -10.28	61.73 3.37 -17.24	52.29 2.39 -21.40	45.64 2.25 -14.90	38.64 2.30 -7.25	35.87 2.10 -5.36	30.75 2.01 -0.36	29.26 1.68 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.87 1.89 0.00	30.54 1.76 0.00	29.88 1.53 0.00	29.92 1.45 0.00	30.89 1.80 -0.60	33.44 2.14 -0.33	45.47 2.76 -6.91	50.98 3.49 -2.81	44.16 2.40 -8.36	35.44 2.23 -1.74	31.78 1.96 -1.35	29.92 1.77 0.00	30.00 1.59 0.00	32.79 1.73 -2.65	34.31 1.64 -4.32	36.84 1.70 -6.73	44.47 2.10 -9.63	60.38 2.84 -16.43	50.60 2.05 -20.05	44.36 1.91 -13.96	38.01 2.12 -6.80	35.33 1.90 -5.02	30.47 1.76 -0.33	29.07 1.49 0.00
KIAC_JFK_GT1 23816	31.96 1.98 0.00	30.54 1.76 0.00	29.85 1.50 0.00	29.86 1.39 0.00	30.93 1.80 -0.64	33.56 2.23 -0.35	46.12 2.94 -7.39	51.71 4.02 -3.00	45.30 2.97 -8.94	36.28 2.96 -1.86	32.61 2.70 -1.44	30.68 2.53 0.00	30.88 2.47 0.00	33.71 2.47 -2.83	35.32 2.35 -4.62	38.01 2.41 -7.19	45.92 2.88 -10.29	62.17 3.78 -17.27	52.60 2.68 -21.43	45.92 2.51 -14.92	38.88 2.53 -7.26	36.07 2.30 -5.37	30.92 2.19 -0.36	29.34 1.76 0.00
KIAC_JFK_GT2 23817	31.96 1.98 0.00	30.54 1.76 0.00	29.85 1.50 0.00	29.86 1.39 0.00	30.93 1.80 -0.64	33.56 2.23 -0.35	46.12 2.94 -7.39	51.71 4.02 -3.00	45.30 2.97 -8.94	36.28 2.96 -1.86	32.61 2.70 -1.44	30.68 2.53 0.00	30.88 2.47 0.00	33.71 2.47 -2.83	35.32 2.35 -4.62	38.01 2.41 -7.19	45.92 2.88 -10.29	62.17 3.78 -17.27	52.60 2.68 -21.43	45.92 2.51 -14.92	38.88 2.53 -7.26	36.07 2.30 -5.37	30.92 2.19 -0.36	29.34 1.76 0.00

KIAC_JFK____ 323774	31.96 1.98 0.00	30.55 1.76 0.00	29.85 1.50 0.00	30.15 1.68 0.00	30.93 1.80 -0.64	33.56 2.23 -0.35	46.09 2.90 -7.39	51.71 4.02 -3.00	45.19 2.97 -8.82	36.29 2.99 -1.84	32.60 2.71 -1.42	30.68 2.53 0.00	30.93 2.53 0.00	33.68 2.47 -2.80	35.26 2.35 -4.56	37.91 2.41 -7.09	45.79 2.88 -10.16	62.18 3.78 -17.28	52.32 2.68 -21.15	45.79 2.57 -14.72	38.78 2.53 -7.17	36.00 2.30 -5.30	30.92 2.19 -0.35	29.34 1.77 0.00
KINTIGH____ 23543	28.60 -1.38 0.00	27.58 -1.21 0.00	26.91 -1.45 0.00	27.01 -1.45 0.00	27.37 -1.28 -0.16	29.73 -1.33 -0.09	35.92 -1.72 -1.84	42.08 -3.40 -0.79	33.62 -2.00 -2.23	30.48 -1.45 -0.46	27.35 -1.48 -0.36	26.12 -2.03 0.00	26.33 -2.07 0.00	27.24 -1.87 -0.71	27.46 -2.04 -1.15	28.41 -1.79 -1.79	33.15 -2.29 -2.70	42.04 -3.62 -4.54	32.21 -1.62 -5.34	30.30 -1.91 -3.72	29.53 -1.37 -1.81	27.93 -1.82 -1.34	26.65 -1.82 -0.09	25.68 -1.90 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.88 0.90 0.00	29.59 0.81 0.00	29.31 0.96 0.00	29.49 1.02 0.00	29.24 0.74 0.00	31.91 0.93 0.00	36.94 1.15 0.00	46.61 1.92 0.00	34.73 1.34 0.00	32.56 1.10 0.00	29.43 0.97 0.00	29.25 1.10 0.00	29.49 1.08 0.00	29.34 0.94 0.00	29.23 0.88 0.00	29.17 0.77 0.00	33.56 0.82 0.00	42.26 1.15 0.00	29.15 0.66 0.00	29.12 0.63 0.00	29.72 0.64 0.00	28.92 0.51 0.00	28.69 0.31 0.00	27.83 0.25 0.00
LACHUTE____HYDRO 323717	33.01 3.03 0.00	31.75 2.97 0.00	31.10 2.75 0.00	31.34 2.87 0.00	32.54 3.22 -0.83	35.33 3.90 -0.45	50.30 4.94 -9.56	54.33 5.77 -3.88	49.20 4.21 -11.60	37.72 3.84 -2.42	33.53 3.19 -1.87	30.99 2.84 0.00	31.50 3.10 0.00	35.21 3.12 -3.68	37.52 3.17 -5.99	40.92 3.18 -9.33	49.74 3.63 -13.36	68.80 4.97 -22.72	59.81 3.50 -27.81	51.08 3.22 -19.36	41.66 3.14 -9.43	37.96 2.58 -6.96	31.65 2.81 -0.46	30.17 2.59 0.00
LAWRNCV_115KV_TB1 80681	29.95 -0.03 0.00	28.73 -0.06 0.00	28.49 0.14 0.00	28.67 0.20 0.00	28.48 -0.03 -0.02	30.99 0.00 -0.01	36.06 0.07 -0.19	45.30 0.54 -0.08	33.93 0.30 -0.24	31.64 0.13 -0.05	28.62 0.11 -0.04	28.40 0.25 0.00	28.69 0.28 0.00	28.68 0.20 -0.08	28.70 0.23 -0.12	28.80 0.20 -0.19	33.22 0.20 -0.28	41.91 0.33 -0.47	29.27 0.20 -0.57	29.09 0.20 -0.40	29.40 0.12 -0.19	28.66 0.11 -0.14	28.45 0.06 -0.01	27.66 0.08 0.00
LEDERLE____ 23769	31.87 1.89 0.00	30.52 1.73 0.00	29.85 1.50 0.00	29.89 1.42 0.00	30.88 1.77 -0.61	33.48 2.17 -0.34	45.69 2.79 -7.10	51.23 3.66 -2.88	44.67 2.70 -8.57	35.92 2.67 -1.79	32.24 2.39 -1.38	30.40 2.25 0.00	30.65 2.24 0.00	33.43 2.30 -2.72	34.93 2.15 -4.43	37.46 2.16 -6.89	45.24 2.62 -9.87	61.10 3.45 -16.54	51.53 2.48 -20.56	45.11 2.31 -14.31	38.38 2.33 -6.97	35.66 2.10 -5.15	30.74 2.01 -0.34	29.26 1.68 0.00
LIGHTHSE_115KV_TB6 355974	29.80 -0.18 0.00	28.64 -0.14 0.00	28.12 -0.23 0.00	28.24 -0.23 0.00	28.43 -0.17 -0.11	30.76 -0.28 -0.06	36.77 -0.25 -1.23	44.60 -0.58 -0.50	34.44 -0.43 -1.48	31.30 -0.47 -0.31	28.28 -0.43 -0.24	27.56 -0.59 0.00	27.84 -0.57 0.00	28.34 -0.54 -0.47	28.58 -0.54 -0.77	29.15 -0.45 -1.19	33.99 -0.46 -1.71	43.48 -0.53 -2.90	31.88 -0.17 -3.56	30.72 -0.26 -2.48	30.09 -0.20 -1.21	28.99 -0.31 -0.89	28.10 -0.34 -0.06	27.25 -0.33 0.00
LINDEN COGEN____ 23786	31.84 1.86 0.00	30.40 1.61 0.00	29.71 1.36 0.00	30.06 1.59 0.00	30.84 1.71 -0.64	33.40 2.08 -0.35	45.87 2.69 -7.39	51.35 3.67 -3.00	44.95 2.74 -8.82	36.07 2.77 -1.84	32.42 2.53 -1.42	30.54 2.39 0.00	30.76 2.36 0.00	33.51 2.30 -2.80	35.06 2.15 -4.56	37.69 2.19 -7.09	45.46 2.56 -10.16	61.77 3.37 -17.28	52.04 2.39 -21.15	45.50 2.28 -14.72	38.58 2.33 -7.17	35.81 2.10 -5.30	30.78 2.04 -0.35	29.23 1.65 0.00
LINDHRST_69_KV_BK1 356055	40.64 2.70 -7.96	40.10 2.48 -8.83	38.19 2.21 -7.63	37.93 2.13 -7.33	39.23 2.51 -8.23	41.22 3.00 -7.24	50.55 3.62 -11.13	66.42 4.65 -17.09	47.42 3.54 -10.48	42.07 3.56 -7.05	42.73 3.19 -11.07	42.04 3.01 -10.88	42.48 3.01 -11.06	42.87 3.01 -11.45	43.33 2.89 -12.09	44.91 2.84 -13.66	64.67 3.47 -28.45	77.96 4.32 -32.53	71.30 3.05 -39.76	63.92 2.96 -32.46	51.95 3.11 -19.75	47.69 2.78 -16.50	43.95 2.81 -12.76	41.77 2.40 -11.80
LIPA_MISC_IPP 23656	40.61 2.67 -7.96	40.12 2.50 -8.83	38.22 2.24 -7.63	37.96 2.16 -7.33	39.26 2.54 -8.23	41.22 3.00 -7.24	50.84 3.79 -11.25	88.12 4.78 -38.65	47.59 3.67 -10.52	42.10 3.59 -7.05	42.76 3.22 -11.07	42.04 3.01 -10.88	42.48 3.01 -11.06	42.90 3.04 -11.45	43.39 2.95 -12.09	45.06 2.95 -13.70	64.70 3.50 -28.45	78.20 4.52 -32.57	71.56 3.19 -39.87	64.07 3.08 -32.50	52.05 3.17 -19.79	47.88 2.93 -16.54	43.92 2.78 -12.76	41.72 2.34 -11.80
LISF____SOLAR 323691	40.64 2.70 -7.96	40.18 2.56 -8.83	38.25 2.27 -7.63	38.27 2.48 -7.33	39.29 2.57 -8.23	41.28 3.07 -7.24	50.95 3.90 -11.25	88.04 4.87 -38.48	47.54 3.74 -10.41	42.17 3.68 -7.02	42.79 3.27 -11.05	42.10 3.07 -10.88	42.59 3.12 -11.06	42.92 3.10 -11.41	43.38 3.00 -12.03	45.06 3.04 -13.61	64.63 3.57 -28.32	78.38 4.69 -32.58	71.42 3.33 -39.59	63.99 3.19 -32.30	52.01 3.23 -19.70	47.86 2.98 -16.47	43.97 2.84 -12.76	41.77 2.40 -11.80
LITTLE FALLS____HYD 24013	31.54 1.56 0.00	30.31 1.53 0.00	29.80 1.45 0.00	29.89 1.42 0.00	29.96 1.45 -0.02	32.57 1.58 -0.01	37.82 1.83 -0.19	46.87 2.10 -0.08	35.20 1.57 -0.24	32.99 1.48 -0.05	29.84 1.34 -0.04	29.42 1.27 0.00	29.69 1.28 0.00	29.73 1.25 -0.07	29.66 1.19 -0.12	29.82 1.22 -0.19	34.49 1.47 -0.27	43.38 1.81 -0.46	30.37 1.31 -0.56	30.08 1.20 -0.39	30.41 1.13 -0.19	29.57 1.02 -0.14	29.35 0.96 -0.01	28.46 0.88 0.00
LITTLRIV_115KV_TB1 356100	30.25 0.27 0.00	29.08 0.29 0.00	28.83 0.48 0.00	29.01 0.54 0.00	28.80 0.28 -0.02	31.39 0.40 -0.01	36.57 0.57 -0.20	45.89 1.12 -0.09	34.35 0.70 -0.26	31.96 0.44 -0.05	28.91 0.40 -0.04	28.68 0.53 0.00	28.98 0.57 0.00	28.97 0.48 -0.08	29.02 0.54 -0.13	29.13 0.51 -0.21	33.63 0.59 -0.30	42.44 0.82 -0.51	29.71 0.60 -0.62	29.50 0.57 -0.43	29.82 0.52 -0.21	29.02 0.45 -0.16	28.76 0.37 -0.01	27.96 0.39 0.00
LI_NEWBRDGE____DRP 323616	40.28 2.34 -7.96	39.78 2.16 -8.83	37.91 1.93 -7.63	37.65 1.85 -7.33	38.92 2.19 -8.23	40.85 2.63 -7.24	50.18 3.26 -11.13	64.74 4.29 -15.77	47.08 3.21 -10.48	41.69 3.18 -7.05	42.41 2.88 -11.07	41.73 2.70 -10.88	42.17 2.70 -11.06	42.58 2.73 -11.45	43.02 2.58 -12.09	44.68 2.61 -13.66	64.27 3.08 -28.45	77.63 3.99 -32.53	71.06 2.82 -39.75	63.63 2.68 -32.46	51.57 2.73 -19.75	47.44 2.53 -16.50	43.58 2.44 -12.76	41.47 2.10 -11.80
LOCKPORT_115KV_TB60_63_64 80432	28.42 -1.56 0.00	27.44 -1.35 0.00	26.71 -1.64 0.00	26.82 -1.65 0.00	26.98 -1.68 -0.17	29.33 -1.73 -0.09	35.53 -2.18 -1.92	41.24 -4.16 -0.71	33.21 -2.50 -2.32	30.09 -1.86 -0.48	26.96 -1.88 -0.37	25.84 -2.31 0.00	26.05 -2.36 0.00	26.78 -2.36 -0.74	27.00 -2.55 -1.20	28.03 -2.24 -1.86	32.29 -2.88 -2.43	40.98 -4.28 -4.14	31.97 -2.08 -5.56	29.94 -2.42 -3.87	29.19 -1.77 -1.88	27.53 -2.27 -1.39	26.17 -2.30 -0.09	25.40 -2.18 0.00

LOCKPORT___CC1 323769	28.45 -1.53 0.00	27.46 -1.32 0.00	26.74 -1.61 0.00	26.87 -1.59 0.00	26.98 -1.68 -0.17	29.34 -1.73 -0.09	35.54 -2.18 -1.93	41.24 -4.15 -0.71	33.23 -2.47 -2.31	30.06 -1.89 -0.48	26.96 -1.88 -0.37	25.95 -2.20 0.00	26.22 -2.19 0.00	26.78 -2.36 -0.73	26.99 -2.55 -1.19	28.02 -2.24 -1.85	32.27 -2.88 -2.41	41.25 -4.28 -4.41	31.95 -2.08 -5.53	30.41 -1.94 -3.85	29.18 -1.78 -1.87	27.52 -2.27 -1.38	26.17 -2.30 -0.09	25.43 -2.15 0.00
LOCKPORT___CC2 323770	28.45 -1.53 0.00	27.46 -1.32 0.00	26.74 -1.61 0.00	26.87 -1.59 0.00	26.98 -1.68 -0.17	29.34 -1.73 -0.09	35.54 -2.18 -1.93	41.24 -4.15 -0.71	33.23 -2.47 -2.31	30.06 -1.89 -0.48	26.96 -1.88 -0.37	25.95 -2.20 0.00	26.22 -2.19 0.00	26.78 -2.36 -0.73	26.99 -2.55 -1.19	28.02 -2.24 -1.85	32.27 -2.88 -2.41	41.25 -4.28 -4.41	31.95 -2.08 -5.53	30.41 -1.94 -3.85	29.18 -1.78 -1.87	27.52 -2.27 -1.38	26.17 -2.30 -0.09	25.43 -2.15 0.00
LOCKPORT___CC3 323771	28.45 -1.53 0.00	27.46 -1.32 0.00	26.74 -1.61 0.00	26.87 -1.59 0.00	26.98 -1.68 -0.17	29.34 -1.73 -0.09	35.54 -2.18 -1.93	41.24 -4.15 -0.71	33.23 -2.47 -2.31	30.06 -1.89 -0.48	26.96 -1.88 -0.37	25.95 -2.20 0.00	26.22 -2.19 0.00	26.78 -2.36 -0.73	26.99 -2.55 -1.19	28.02 -2.24 -1.85	32.27 -2.88 -2.41	41.25 -4.28 -4.41	31.95 -2.08 -5.53	30.41 -1.94 -3.85	29.18 -1.78 -1.87	27.52 -2.27 -1.38	26.17 -2.30 -0.09	25.43 -2.15 0.00
LONG LAKE PHOENIX 24014	29.62 -0.36 0.00	28.47 -0.32 0.00	27.93 -0.43 0.00	28.04 -0.43 0.00	28.24 -0.37 -0.12	30.52 -0.53 -0.06	36.53 -0.61 -1.34	44.29 -0.94 -0.54	34.38 -0.63 -1.62	31.23 -0.57 -0.34	28.22 -0.51 -0.26	27.50 -0.65 0.00	27.78 -0.62 0.00	28.33 -0.60 -0.51	28.56 -0.62 -0.84	29.14 -0.57 -1.30	33.96 -0.65 -1.87	43.50 -0.78 -3.17	31.90 -0.48 -3.89	30.66 -0.54 -2.71	29.97 -0.44 -1.32	28.84 -0.54 -0.97	27.88 -0.57 -0.06	27.05 -0.52 0.00
LOVETT___3 23632	31.75 1.77 0.00	30.40 1.61 0.00	29.71 1.36 0.00	29.75 1.28 0.00	30.74 1.62 -0.62	33.33 2.01 -0.34	45.54 2.61 -7.13	51.06 3.49 -2.89	44.57 2.57 -8.60	35.80 2.55 -1.79	32.16 2.31 -1.39	30.29 2.14 0.00	30.54 2.13 0.00	33.32 2.19 -2.73	34.83 2.04 -4.44	37.37 2.05 -6.92	45.14 2.49 -9.91	60.96 3.25 -16.59	51.46 2.34 -20.62	45.05 2.19 -14.36	38.29 2.21 -6.99	35.56 1.99 -5.16	30.63 1.90 -0.34	29.18 1.60 0.00
LOVETT___4 23642	31.75 1.77 0.00	30.40 1.61 0.00	29.71 1.36 0.00	29.75 1.28 0.00	30.74 1.62 -0.62	33.33 2.01 -0.34	45.54 2.61 -7.13	51.06 3.49 -2.89	44.57 2.57 -8.60	35.80 2.55 -1.79	32.16 2.31 -1.39	30.29 2.14 0.00	30.54 2.13 0.00	33.32 2.19 -2.73	34.83 2.04 -4.44	37.37 2.05 -6.92	45.14 2.49 -9.91	60.96 3.25 -16.59	51.46 2.34 -20.62	45.05 2.19 -14.36	38.29 2.21 -6.99	35.56 1.99 -5.16	30.63 1.90 -0.34	29.18 1.60 0.00
LOVETT___5 23593	31.75 1.77 0.00	30.40 1.61 0.00	29.71 1.36 0.00	29.75 1.28 0.00	30.74 1.62 -0.62	33.33 2.01 -0.34	45.54 2.61 -7.13	51.06 3.49 -2.89	44.57 2.57 -8.60	35.80 2.55 -1.79	32.16 2.31 -1.39	30.29 2.14 0.00	30.54 2.13 0.00	33.32 2.19 -2.73	34.83 2.04 -4.44	37.37 2.05 -6.92	45.14 2.49 -9.91	60.96 3.25 -16.59	51.46 2.34 -20.62	45.05 2.19 -14.36	38.29 2.21 -6.99	35.56 1.99 -5.16	30.63 1.90 -0.34	29.18 1.60 0.00
LOWER RAQUET___HYD 24057	29.95 -0.03 0.00	28.76 -0.03 0.00	28.52 0.17 0.00	28.52 0.06 0.00	28.51 0.00 -0.02	31.02 0.03 -0.01	36.12 0.11 -0.21	45.36 0.58 -0.09	34.00 0.33 -0.27	31.65 0.13 -0.06	28.65 0.14 -0.04	28.40 0.25 0.00	28.61 0.20 0.00	28.69 0.20 -0.08	28.74 0.25 -0.14	28.85 0.23 -0.22	33.28 0.23 -0.31	41.97 0.33 -0.53	29.36 0.23 -0.64	29.08 0.14 -0.45	29.45 0.15 -0.22	28.68 0.11 -0.16	28.45 0.06 -0.01	27.66 0.08 0.00
LOWER___HUDSON 24059	31.27 1.29 0.00	30.03 1.24 0.00	29.46 1.10 0.00	29.72 1.25 0.00	30.62 1.31 -0.81	33.06 1.64 -0.44	47.01 1.82 -9.38	50.64 2.14 -3.81	46.44 1.67 -11.38	35.41 1.57 -2.37	31.70 1.39 -1.84	29.42 1.27 0.00	29.80 1.39 0.00	33.41 1.39 -3.61	35.62 1.39 -5.88	38.98 1.42 -9.15	47.46 1.60 -13.11	65.41 2.01 -22.29	57.24 1.45 -27.29	48.91 1.42 -19.00	39.82 1.48 -9.25	36.60 1.36 -6.83	30.23 1.39 -0.46	28.74 1.16 0.00
LOWVILLE_115KV_TB2 356335	30.34 0.36 0.00	29.22 0.43 0.00	28.75 0.40 0.00	28.87 0.40 0.00	28.94 0.40 -0.05	31.35 0.34 -0.03	36.76 0.43 -0.53	45.31 0.40 -0.22	34.24 0.20 -0.65	31.69 0.09 -0.13	28.91 0.34 -0.10	28.40 0.25 0.00	28.69 0.28 0.00	28.87 0.26 -0.20	29.00 0.31 -0.33	29.35 0.43 -0.52	33.81 0.33 -0.74	42.58 0.21 -1.26	30.84 0.80 -1.55	30.26 0.68 -1.08	30.28 0.67 -0.52	29.25 0.45 -0.39	28.77 0.37 -0.03	27.88 0.30 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.63 1.65 0.00	30.40 1.61 0.00	29.80 1.45 0.00	29.92 1.45 0.00	31.03 1.71 -0.83	33.51 2.08 -0.45	47.82 2.47 -9.55	51.47 2.90 -3.87	47.11 2.17 -11.55	35.85 1.98 -2.41	32.04 1.71 -1.86	29.70 1.55 0.00	30.06 1.65 0.00	33.78 1.70 -3.66	36.04 1.73 -5.96	39.43 1.73 -9.29	48.01 1.96 -13.30	66.34 2.55 -22.68	58.01 1.82 -27.69	49.48 1.71 -19.28	40.22 1.75 -9.39	36.87 1.53 -6.93	30.46 1.62 -0.46	29.01 1.43 0.00
LUTHERNY_35_KV_BK2 355980	31.66 1.68 0.00	30.40 1.61 0.00	29.83 1.47 0.00	29.92 1.45 0.00	31.06 1.74 -0.83	33.54 2.11 -0.45	47.85 2.51 -9.55	51.47 2.90 -3.87	47.11 2.17 -11.55	35.88 2.01 -2.41	32.07 1.74 -1.86	29.70 1.55 0.00	30.08 1.68 0.00	33.78 1.70 -3.66	36.04 1.73 -5.96	39.43 1.73 -9.29	48.04 2.00 -13.30	66.38 2.59 -22.68	58.04 1.85 -27.69	49.51 1.74 -19.28	40.25 1.77 -9.39	36.90 1.56 -6.93	30.49 1.65 -0.46	29.01 1.43 0.00
LWR___OSWEGATCHIE_HYD 23850	29.86 -0.12 0.00	28.70 -0.09 0.00	28.35 0.00 0.00	28.50 0.03 0.00	28.44 -0.09 -0.03	30.90 -0.09 -0.02	36.19 0.00 -0.39	44.98 0.13 -0.16	33.87 0.00 -0.48	31.41 -0.16 -0.10	28.52 -0.03 -0.08	28.15 0.00 0.00	28.41 0.00 0.00	28.50 -0.06 -0.15	28.60 0.00 -0.25	28.85 0.06 -0.38	33.29 0.00 -0.55	42.05 0.00 -0.93	29.90 0.26 -1.14	29.52 0.23 -0.80	29.65 0.17 -0.39	28.75 0.06 -0.29	28.37 -0.03 -0.02	27.52 -0.06 0.00
LYONS_FALL_HYD 23570	30.52 0.54 0.00	29.36 0.58 0.00	28.89 0.54 0.00	29.01 0.54 0.00	29.08 0.54 -0.04	31.56 0.56 -0.02	37.02 0.72 -0.51	45.61 0.71 -0.21	34.51 0.50 -0.62	31.97 0.38 -0.13	29.08 0.51 -0.10	28.57 0.42 0.00	28.86 0.45 0.00	29.03 0.43 -0.20	29.12 0.45 -0.32	29.47 0.57 -0.49	34.01 0.56 -0.71	42.94 0.62 -1.21	30.82 0.85 -1.48	30.32 0.80 -1.03	30.34 0.75 -0.50	29.34 0.57 -0.37	28.89 0.48 -0.02	27.99 0.41 0.00
MADISON___COUNTY_LFGE 323628	30.91 0.93 0.00	29.77 0.98 0.00	29.23 0.88 0.00	29.32 0.85 0.00	29.45 0.88 -0.07	32.04 1.02 -0.04	37.91 1.25 -0.86	46.42 1.39 -0.35	35.50 1.07 -1.04	32.62 0.94 -0.22	29.49 0.85 -0.17	28.85 0.70 0.00	29.17 0.77 0.00	29.48 0.74 -0.33	29.65 0.77 -0.54	30.07 0.82 -0.84	34.92 0.98 -1.20	44.34 1.19 -2.03	32.02 1.03 -2.50	31.14 0.91 -1.74	30.89 0.96 -0.85	29.80 0.77 -0.62	29.13 0.71 -0.04	28.24 0.66 0.00

MALONE___115KV_TB1 356076	30.58 0.60 0.00	29.31 0.52 0.00	29.06 0.71 0.00	29.26 0.80 0.00	29.01 0.51 0.00	31.63 0.65 0.00	36.62 0.82 0.00	46.07 1.39 0.00	34.36 0.97 0.00	32.22 0.76 0.00	29.12 0.65 0.00	28.97 0.82 0.00	29.20 0.80 0.00	29.06 0.65 0.00	28.97 0.62 0.00	28.95 0.54 0.00	33.30 0.56 0.00	41.89 0.78 0.00	28.89 0.40 0.00	28.92 0.43 0.00	29.46 0.38 0.00	28.72 0.31 0.00	28.52 0.14 0.00	27.72 0.14 0.00
MAPLEWOD_115KV_TB3 80458	31.15 1.17 0.00	29.94 1.15 0.00	29.37 1.02 0.00	29.43 0.97 0.00	30.50 1.20 -0.81	32.94 1.52 -0.44	46.76 1.65 -9.31	50.43 1.97 -3.78	46.19 1.54 -11.26	35.26 1.45 -2.35	31.57 1.28 -1.82	29.33 1.18 0.00	29.66 1.25 0.00	33.29 1.31 -3.57	35.47 1.30 -5.82	38.80 1.34 -9.06	47.25 1.54 -12.97	65.12 1.89 -22.11	56.87 1.37 -27.00	48.63 1.34 -18.80	39.64 1.40 -9.15	36.45 1.28 -6.76	30.14 1.31 -0.45	28.65 1.08 0.00
MAPLE_RIDGE_WT_1 323574	29.71 -0.27 0.00	28.50 -0.29 0.00	28.15 -0.20 0.00	28.15 -0.31 0.00	28.12 -0.37 0.00	30.52 -0.46 0.00	35.19 -0.61 0.00	44.02 -0.67 0.00	32.83 -0.57 0.00	30.90 -0.57 0.00	27.98 -0.48 0.00	27.76 -0.39 0.00	27.98 -0.43 0.00	27.98 -0.43 0.00	27.98 -0.37 0.00	28.01 -0.40 0.00	32.25 -0.49 0.00	40.54 -0.58 0.00	28.01 -0.48 0.00	27.95 -0.54 0.00	28.50 -0.58 0.00	27.90 -0.51 0.00	27.87 -0.51 0.00	27.11 -0.47 0.00
MAPLE_RIDGE_WT_2 323611	29.71 -0.27 0.00	28.50 -0.29 0.00	28.15 -0.20 0.00	28.15 -0.31 0.00	28.12 -0.37 0.00	30.52 -0.46 0.00	35.19 -0.61 0.00	44.02 -0.67 0.00	32.83 -0.57 0.00	30.90 -0.57 0.00	27.98 -0.48 0.00	27.76 -0.39 0.00	27.98 -0.43 0.00	27.98 -0.43 0.00	27.98 -0.37 0.00	28.01 -0.40 0.00	32.25 -0.49 0.00	40.54 -0.58 0.00	28.01 -0.48 0.00	27.95 -0.54 0.00	28.50 -0.58 0.00	27.90 -0.51 0.00	27.87 -0.51 0.00	27.11 -0.47 0.00
MARBLE_RIVER_WT_PWR 323696	30.52 0.54 0.00	29.25 0.46 0.00	28.97 0.62 0.00	28.98 0.51 0.00	28.92 0.43 0.00	31.51 0.53 0.00	36.44 0.65 0.00	45.72 1.03 0.00	34.10 0.70 0.00	32.00 0.53 0.00	28.95 0.48 0.00	28.77 0.62 0.00	28.98 0.57 0.00	28.89 0.48 0.00	28.78 0.43 0.00	28.69 0.28 0.00	33.00 0.26 0.00	41.48 0.37 0.00	28.58 0.09 0.00	28.52 0.03 0.00	29.17 0.09 0.00	28.49 0.09 0.00	28.32 -0.06 0.00	27.52 -0.06 0.00
MARSHVLE_115KV_TB1 80742	31.09 1.11 0.00	29.94 1.15 0.00	29.34 0.99 0.00	29.46 1.00 0.00	30.79 1.28 -1.02	33.24 1.70 -0.55	49.90 2.36 -11.74	52.27 2.82 -4.76	49.57 1.97 -14.20	36.15 1.73 -2.96	32.10 1.34 -2.29	29.30 1.15 0.00	29.69 1.28 0.00	34.22 1.31 -4.50	36.88 1.19 -7.33	41.16 1.34 -11.42	50.77 1.67 -16.36	71.35 2.38 -27.86	64.34 1.80 -34.05	53.80 1.60 -23.70	42.17 1.54 -11.54	38.24 1.31 -8.53	30.11 1.16 -0.57	28.46 0.88 0.00
MARSH_HILL_WT_PWR 323713	30.16 0.18 0.00	28.99 0.20 0.00	28.24 -0.11 0.00	28.41 -0.06 0.00	28.33 -0.37 -0.20	30.81 -0.28 -0.11	37.72 -0.43 -2.35	44.30 -1.30 -0.91	35.48 -0.70 -2.79	31.67 -0.38 -0.58	28.43 -0.48 -0.45	27.45 -0.70 0.00	27.73 -0.68 0.00	28.24 -1.05 -0.88	28.52 -1.28 -1.44	29.54 -1.11 -2.24	34.49 -1.37 -3.12	44.51 -2.10 -5.49	34.36 -0.83 -6.69	32.41 -0.74 -4.66	30.71 -0.64 -2.27	29.06 -1.02 -1.67	27.33 -1.16 -0.11	26.61 -0.97 0.00
MCINTYRE_115KV_TB2 80467	30.37 0.39 0.00	29.19 0.40 0.00	28.95 0.60 0.00	29.12 0.65 0.00	28.91 0.40 -0.02	31.51 0.53 -0.01	36.73 0.75 -0.18	46.27 1.52 -0.07	34.56 0.97 -0.20	32.13 0.63 -0.04	29.04 0.54 -0.03	28.80 0.65 0.00	29.09 0.68 0.00	29.07 0.60 -0.06	29.14 0.68 -0.10	29.25 0.68 -0.16	33.83 0.85 -0.23	42.74 1.23 -0.40	29.81 0.83 -0.49	29.66 0.83 -0.34	29.89 0.64 -0.16	29.10 0.57 -0.12	28.90 0.51 -0.01	28.10 0.52 0.00
MECO___69_KV_BK1 80468	32.26 2.28 0.00	31.06 2.27 0.00	30.42 2.07 0.00	30.54 2.08 0.00	31.97 2.51 -0.96	34.60 3.10 -0.53	51.03 4.08 -11.15	54.13 4.92 -4.53	50.46 3.57 -13.49	37.54 3.27 -2.81	33.26 2.62 -2.18	30.40 2.25 0.00	30.99 2.59 0.00	35.38 2.70 -4.28	37.95 2.64 -6.97	42.15 2.90 -10.85	51.62 3.34 -15.54	72.10 4.52 -26.47	64.06 3.22 -32.35	53.89 2.88 -22.52	42.87 2.82 -10.97	38.86 2.36 -8.10	31.16 2.24 -0.54	29.43 1.85 0.00
MENANDS__115KV_TB5 355628	31.00 1.02 0.00	29.77 0.98 0.00	29.20 0.85 0.00	29.29 0.83 0.00	30.35 1.05 -0.80	32.75 1.33 -0.44	46.52 1.43 -9.29	50.11 1.65 -3.77	45.97 1.34 -11.24	35.06 1.26 -2.34	31.42 1.14 -1.81	29.19 1.04 0.00	29.52 1.11 0.00	33.11 1.14 -3.56	35.32 1.16 -5.80	38.61 1.16 -9.04	47.03 1.34 -12.94	64.83 1.64 -22.07	56.61 1.17 -26.95	48.39 1.14 -18.76	39.44 1.22 -9.14	36.29 1.14 -6.75	29.99 1.16 -0.45	28.52 0.94 0.00
MG INDUSTRY___DRP 24185	30.94 0.96 0.00	29.71 0.92 0.00	29.17 0.82 0.00	29.24 0.77 0.00	30.23 0.94 -0.79	32.62 1.21 -0.43	46.32 1.32 -9.19	49.98 1.56 -3.73	45.72 1.20 -11.12	34.94 1.16 -2.32	31.31 1.05 -1.79	29.11 0.96 0.00	29.40 0.99 0.00	32.96 1.02 -3.53	35.11 1.02 -5.74	38.40 1.05 -8.94	46.73 1.18 -12.81	64.40 1.44 -21.85	56.21 1.05 -26.66	48.11 1.05 -18.56	39.23 1.11 -9.04	36.11 1.02 -6.68	29.85 1.02 -0.45	28.41 0.83 0.00
MID___OSWEGATCHIE_HYD 23849	29.86 -0.12 0.00	28.70 -0.09 0.00	28.35 0.00 0.00	28.50 0.03 0.00	28.44 -0.09 -0.03	30.90 -0.09 -0.02	36.19 0.00 -0.39	44.98 0.13 -0.16	33.87 0.00 -0.48	31.41 -0.16 -0.10	28.52 -0.03 -0.08	28.15 0.00 0.00	28.41 0.00 0.00	28.50 -0.06 -0.15	28.60 0.00 -0.25	28.85 0.06 -0.38	33.29 0.00 -0.55	42.05 0.00 -0.93	29.90 0.26 -1.14	29.52 0.23 -0.80	29.65 0.17 -0.39	28.75 0.06 -0.29	28.37 -0.03 -0.02	27.52 -0.06 0.00
MID___RAQUETTE_HYD 23851	29.95 -0.03 0.00	28.76 -0.03 0.00	28.52 0.17 0.00	28.69 0.23 0.00	28.51 0.00 -0.02	31.02 0.03 -0.01	36.12 0.11 -0.21	45.36 0.58 -0.09	34.00 0.33 -0.27	31.65 0.13 -0.06	28.65 0.14 -0.04	28.43 0.28 0.00	28.69 0.28 0.00	28.69 0.20 -0.09	28.74 0.26 -0.14	28.85 0.23 -0.22	33.28 0.23 -0.31	41.97 0.33 -0.52	29.37 0.23 -0.64	29.17 0.23 -0.45	29.45 0.15 -0.22	28.68 0.11 -0.16	28.45 0.06 -0.01	27.66 0.08 0.00
MILLIKEN___1 23584	30.76 0.78 0.00	29.57 0.78 0.00	28.97 0.62 0.00	29.09 0.63 0.00	29.32 0.63 -0.19	31.80 0.71 -0.11	38.97 0.93 -2.24	46.52 0.94 -0.90	36.95 0.87 -2.69	32.90 0.88 -0.56	29.61 0.71 -0.43	28.66 0.51 0.00	28.98 0.57 0.00	29.83 0.57 -0.85	30.25 0.51 -1.39	31.08 0.51 -2.16	36.51 0.69 -3.08	47.16 0.82 -5.23	35.71 0.77 -6.45	33.64 0.66 -4.49	32.05 0.79 -2.18	30.53 0.51 -1.61	28.91 0.43 -0.11	27.96 0.39 0.00
MILLIKEN___2 23585	30.76 0.78 0.00	29.57 0.78 0.00	28.97 0.62 0.00	29.09 0.63 0.00	29.32 0.63 -0.19	31.80 0.71 -0.11	38.97 0.93 -2.24	46.52 0.94 -0.90	36.95 0.87 -2.69	32.90 0.88 -0.56	29.61 0.71 -0.43	28.66 0.51 0.00	28.98 0.57 0.00	29.83 0.57 -0.85	30.25 0.51 -1.39	31.08 0.51 -2.16	36.51 0.69 -3.08	47.16 0.82 -5.23	35.71 0.77 -6.45	33.64 0.66 -4.49	32.05 0.79 -2.18	30.53 0.51 -1.61	28.91 0.43 -0.11	27.96 0.39 0.00

MILLIKEN___DIESEL 23629	30.76 0.78 0.00	29.57 0.78 0.00	28.97 0.62 0.00	29.09 0.63 0.00	29.32 0.63 -0.19	31.80 0.71 -0.11	38.97 0.93 -2.24	46.52 0.94 -0.90	36.95 0.87 -2.69	32.90 0.88 -0.56	29.61 0.71 -0.43	28.66 0.51 0.00	28.98 0.57 0.00	29.83 0.57 -0.85	30.25 0.51 -1.39	31.08 0.51 -2.16	36.51 0.69 -3.08	47.16 0.82 -5.23	35.71 0.77 -6.45	33.64 0.66 -4.49	32.05 0.79 -2.18	30.53 0.51 -1.61	28.91 0.43 -0.11	27.96 0.39 0.00
MILLSEAT___LFGE 323607	28.87 -1.11 0.00	27.87 -0.92 0.00	27.16 -1.19 0.00	27.33 -1.14 0.00	27.46 -1.20 -0.16	29.92 -1.15 -0.09	36.22 -1.47 -1.89	42.31 -3.08 -0.71	33.99 -1.67 -2.26	30.64 -1.29 -0.47	27.52 -1.31 -0.37	26.43 -1.72 0.00	26.70 -1.70 0.00	27.34 -1.79 -0.72	27.56 -1.96 -1.17	28.58 -1.65 -1.82	33.06 -2.10 -2.41	42.24 -3.29 -4.41	32.50 -1.42 -5.43	30.93 -1.34 -3.78	29.76 -1.16 -1.84	28.03 -1.73 -1.36	26.68 -1.79 -0.09	25.84 -1.74 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.81 1.83 0.00	30.46 1.67 0.00	29.80 1.45 0.00	29.83 1.37 0.00	30.84 1.71 -0.64	33.43 2.11 -0.35	45.80 2.65 -7.35	51.16 3.49 -2.98	44.89 2.60 -8.89	35.90 2.58 -1.85	32.24 2.33 -1.44	30.32 2.17 0.00	30.59 2.19 0.00	33.44 2.22 -2.82	35.01 2.07 -4.59	37.66 2.10 -7.15	45.47 2.49 -10.24	61.55 3.25 -17.18	52.15 2.34 -21.32	45.53 2.19 -14.84	38.55 2.24 -7.23	35.76 2.02 -5.34	30.67 1.93 -0.36	29.18 1.60 0.00
MILLWOOD_13_KV_LOAD 356217	31.87 1.89 0.00	30.54 1.76 0.00	29.85 1.50 0.00	29.89 1.42 0.00	30.93 1.80 -0.64	33.53 2.20 -0.35	45.91 2.76 -7.35	51.33 3.66 -2.98	44.99 2.70 -8.89	35.99 2.67 -1.85	32.32 2.42 -1.44	30.37 2.22 0.00	30.65 2.24 0.00	33.53 2.30 -2.82	35.10 2.15 -4.59	37.75 2.19 -7.15	45.57 2.59 -10.24	61.67 3.37 -17.18	52.21 2.39 -21.32	45.59 2.25 -14.84	38.61 2.30 -7.23	35.82 2.07 -5.34	30.69 1.96 -0.36	29.20 1.63 0.00
MODEL_CITY_ENERGY 24167	28.12 -1.86 0.00	27.15 -1.64 0.00	26.45 -1.90 0.00	26.56 -1.91 0.00	26.72 -1.94 -0.17	29.03 -2.05 -0.09	35.19 -2.54 -1.93	40.75 -4.65 -0.71	32.87 -2.84 -2.32	29.71 -2.23 -0.48	26.65 -2.19 -0.37	25.64 -2.51 0.00	25.91 -2.50 0.00	26.47 -2.67 -0.74	26.71 -2.83 -1.20	27.74 -2.53 -1.86	31.90 -3.24 -2.40	40.75 -4.77 -4.40	31.66 -2.39 -5.56	30.11 -2.25 -3.87	28.90 -2.06 -1.88	27.24 -2.56 -1.39	25.89 -2.58 -0.09	25.15 -2.43 0.00
MODERN_LFGE___ 323580	28.12 -1.86 0.00	27.15 -1.64 0.00	26.45 -1.90 0.00	26.56 -1.91 0.00	26.72 -1.94 -0.17	29.03 -2.05 -0.09	35.19 -2.54 -1.93	40.75 -4.65 -0.71	32.87 -2.84 -2.32	29.71 -2.23 -0.48	26.65 -2.19 -0.37	25.64 -2.51 0.00	25.91 -2.50 0.00	26.47 -2.67 -0.74	26.71 -2.83 -1.20	27.74 -2.53 -1.86	31.90 -3.24 -2.40	40.75 -4.77 -4.40	31.66 -2.39 -5.56	30.11 -2.25 -3.87	28.90 -2.06 -1.88	27.24 -2.56 -1.39	25.89 -2.58 -0.09	25.15 -2.43 0.00
MOHAWK_PAPER___DRP 24187	31.15 1.17 0.00	29.94 1.15 0.00	29.37 1.02 0.00	29.43 0.97 0.00	30.50 1.20 -0.81	32.94 1.52 -0.44	46.76 1.65 -9.31	50.43 1.97 -3.78	46.19 1.54 -11.26	35.26 1.45 -2.35	31.57 1.28 -1.82	29.33 1.18 0.00	29.66 1.25 0.00	33.29 1.31 -3.57	35.47 1.30 -5.82	38.80 1.34 -9.06	47.25 1.54 -12.97	65.12 1.89 -22.11	56.87 1.37 -27.00	48.63 1.34 -18.80	39.64 1.40 -9.15	36.45 1.28 -6.76	30.14 1.31 -0.45	28.65 1.08 0.00
MOHICAN___35_KV_115KV_LD 80490	31.69 1.71 0.00	30.46 1.67 0.00	29.88 1.53 0.00	29.98 1.51 0.00	31.17 1.85 -0.83	33.72 2.29 -0.45	48.18 2.83 -9.56	51.83 3.26 -3.88	47.36 2.40 -11.56	36.04 2.17 -2.41	32.15 1.82 -1.87	29.70 1.55 0.00	30.11 1.70 0.00	33.84 1.76 -3.67	36.11 1.79 -5.97	39.41 1.70 -9.30	47.99 1.93 -13.31	66.44 2.63 -22.70	58.09 1.88 -27.72	49.47 1.68 -19.30	40.17 1.69 -9.40	36.71 1.36 -6.94	30.49 1.65 -0.46	29.07 1.49 0.00
MONGAUP___HYD 23641	31.66 1.68 0.00	30.34 1.55 0.00	29.71 1.36 0.00	29.97 1.51 0.00	30.70 1.62 -0.58	33.22 1.92 -0.32	44.89 2.40 -6.70	50.40 2.99 -2.72	43.47 2.11 -7.97	35.07 1.95 -1.66	31.49 1.74 -1.29	29.70 1.55 0.00	30.05 1.65 0.00	32.67 1.73 -2.53	34.14 1.67 -4.12	36.49 1.68 -6.41	44.02 2.10 -9.18	59.08 2.34 -15.62	49.66 2.05 -19.12	43.74 1.94 -13.31	37.40 1.83 -6.48	34.87 1.68 -4.79	30.26 1.56 -0.32	28.90 1.32 0.00
MONTAUK___DIESEL 23721	41.60 3.66 -7.96	41.07 3.45 -8.83	39.13 3.15 -7.63	38.87 3.07 -7.33	40.14 3.42 -8.23	42.27 4.06 -7.24	52.24 5.19 -11.25	89.79 6.48 -38.63	48.89 4.98 -10.52	43.23 4.72 -7.05	43.72 4.18 -11.07	42.94 3.91 -10.88	43.39 3.92 -11.06	43.83 3.98 -11.45	44.32 3.88 -12.09	46.09 3.98 -13.70	66.08 4.88 -28.45	80.05 6.37 -32.57	72.87 4.50 -39.87	65.32 4.33 -32.50	53.24 4.36 -19.79	48.96 4.01 -16.54	44.89 3.75 -12.76	42.57 3.20 -11.80
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.29 -0.69 0.00	28.18 -0.60 0.00	27.33 -1.02 0.00	27.38 -1.08 0.00	27.19 -1.48 -0.18	29.59 -1.49 -0.10	36.12 -1.75 -2.08	42.29 -3.17 -0.77	33.84 -2.07 -2.52	30.54 -1.45 -0.52	27.31 -1.57 -0.41	26.38 -1.77 0.00	26.39 -2.02 0.00	26.68 -2.53 -0.80	26.87 -2.78 -1.30	27.96 -2.47 -2.02	32.58 -2.82 -2.65	41.87 -3.74 -4.50	32.76 -1.77 -6.03	30.61 -2.08 -4.20	29.65 -1.48 -2.04	27.90 -2.02 -1.51	26.32 -2.16 -0.10	25.81 -1.76 0.00
MORTIMER_115KV_TB3 55949	29.26 -0.72 0.00	28.18 -0.60 0.00	27.56 -0.79 0.00	27.70 -0.77 0.00	28.05 -0.60 -0.15	30.47 -0.59 -0.08	36.72 -0.82 -1.75	43.56 -1.83 -0.71	34.54 -0.97 -2.11	31.24 -0.66 -0.44	28.12 -0.68 -0.34	26.97 -1.18 0.00	27.19 -1.22 0.00	28.08 -0.99 -0.67	28.34 -1.11 -1.09	29.20 -0.91 -1.70	34.03 -1.15 -2.43	43.12 -2.14 -4.14	32.79 -0.77 -5.07	31.02 -1.00 -3.53	30.19 -0.61 -1.72	28.65 -1.02 -1.27	27.41 -1.05 -0.08	26.42 -1.16 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.99 2.01 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.56 2.23 -0.35	46.02 2.83 -7.39	51.53 3.84 -3.00	45.17 2.84 -8.94	36.19 2.86 -1.86	32.50 2.59 -1.44	30.57 2.42 0.00	30.79 2.39 0.00	33.66 2.41 -2.84	35.24 2.27 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.30	61.96 3.58 -17.27	52.46 2.54 -21.43	45.78 2.37 -14.92	38.76 2.41 -7.27	35.99 2.22 -5.37	30.87 2.13 -0.36	29.34 1.76 0.00
MUNSVILLE_WIND_PWR 323609	32.83 2.85 0.00	31.73 2.94 0.00	30.93 2.58 0.00	31.11 2.65 0.00	31.26 2.51 -0.26	34.09 2.97 -0.14	42.51 3.76 -2.95	49.98 4.11 -1.19	40.01 3.04 -3.58	34.79 2.58 -0.74	31.21 2.16 -0.58	30.09 1.94 0.00	30.57 2.16 0.00	31.56 2.02 -1.13	32.30 2.10 -1.85	33.58 2.30 -2.88	39.85 3.01 -4.09	51.87 3.74 -7.01	40.04 2.96 -8.58	37.26 2.79 -5.97	34.70 2.71 -2.91	32.69 2.13 -2.15	30.45 1.93 -0.14	29.32 1.74 0.00
N SALMON___HYD 24042	30.58 0.60 0.00	29.31 0.52 0.00	29.06 0.71 0.00	29.09 0.63 0.00	29.01 0.51 0.00	31.63 0.65 0.00	36.62 0.82 0.00	46.07 1.39 0.00	34.39 1.00 0.00	32.22 0.75 0.00	29.12 0.66 0.00	28.94 0.79 0.00	29.14 0.74 0.00	29.06 0.65 0.00	28.97 0.62 0.00	28.95 0.54 0.00	33.30 0.56 0.00	41.89 0.78 0.00	28.89 0.40 0.00	28.81 0.31 0.00	29.46 0.38 0.00	28.72 0.31 0.00	28.55 0.17 0.00	27.72 0.14 0.00

N.AKRON__115KV_KNAPP 355671	28.87 -1.11 0.00	27.87 -0.92 0.00	27.13 -1.22 0.00	27.27 -1.20 0.00	27.46 -1.20 -0.16	29.89 -1.18 -0.09	36.19 -1.50 -1.89	42.27 -3.13 -0.71	33.91 -1.77 -2.29	30.68 -1.26 -0.48	27.50 -1.34 -0.37	26.35 -1.80 0.00	26.53 -1.87 0.00	27.32 -1.82 -0.73	27.55 -1.98 -1.18	28.57 -1.68 -1.84	33.05 -2.13 -2.43	41.89 -3.37 -4.14	32.51 -1.48 -5.49	30.49 -1.82 -3.82	29.75 -1.19 -1.86	28.02 -1.76 -1.38	26.68 -1.79 -0.09	25.84 -1.74 0.00
N.BELMOR_69_KV_BK1 55787	40.40 2.46 -7.96	39.89 2.27 -8.83	37.99 2.01 -7.63	37.73 1.94 -7.33	39.00 2.28 -8.23	40.97 2.76 -7.24	50.36 3.44 -11.13	64.92 4.47 -15.77	47.21 3.34 -10.48	41.78 3.27 -7.05	42.47 2.93 -11.07	41.79 2.76 -10.88	42.20 2.73 -11.06	42.61 2.76 -11.45	43.07 2.64 -12.09	44.77 2.70 -13.66	64.44 3.24 -28.45	77.75 4.11 -32.53	71.15 2.91 -39.75	63.71 2.76 -32.46	51.71 2.88 -19.75	47.61 2.70 -16.50	43.72 2.58 -12.76	41.58 2.21 -11.80
N.E_GEN_SANDY PD 24062	31.48 1.50 0.00	30.23 1.44 0.00	29.60 1.25 0.00	29.86 1.39 0.00	30.67 1.45 -0.72	33.17 1.80 -0.39	46.16 2.00 -8.36	50.49 2.41 -3.39	45.41 1.94 -10.08	35.45 1.89 -2.10	31.83 1.74 -1.63	29.75 1.60 0.00	30.08 1.68 0.00	33.28 1.68 -3.20	35.20 1.64 -5.21	38.16 1.65 -8.11	46.28 1.93 -11.61	63.18 2.34 -19.72	54.34 1.68 -24.17	47.00 1.68 -16.82	39.05 1.77 -8.19	36.11 1.65 -6.05	32.55 1.65 -2.53	28.96 1.38 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.78 1.80 0.00	30.43 1.64 0.00	29.77 1.42 0.00	29.80 1.34 0.00	30.79 1.68 -0.61	33.36 2.04 -0.34	45.56 2.65 -7.11	51.05 3.49 -2.88	44.56 2.57 -8.59	35.80 2.55 -1.79	32.16 2.31 -1.39	30.29 2.14 0.00	30.54 2.13 0.00	33.32 2.19 -2.72	34.83 2.04 -4.44	37.39 2.07 -6.91	45.13 2.49 -9.90	60.98 3.29 -16.57	51.46 2.37 -20.60	45.03 2.19 -14.34	38.28 2.21 -6.98	35.58 2.02 -5.16	30.62 1.90 -0.34	29.18 1.60 0.00
N.QUEENS_27_KV_LOAD 356247	32.08 2.10 0.00	30.69 1.90 0.00	29.94 1.59 0.00	29.92 1.45 0.00	31.01 1.88 -0.64	33.25 1.92 -0.35	45.69 2.51 -7.39	51.26 3.57 -3.00	45.00 2.67 -8.94	36.06 2.74 -1.86	32.44 2.53 -1.44	30.51 2.36 0.00	30.71 2.30 0.00	33.57 2.33 -2.83	35.12 2.15 -4.62	37.81 2.22 -7.19	45.66 2.62 -10.30	61.84 3.45 -17.27	52.35 2.42 -21.43	45.67 2.25 -14.92	38.59 2.24 -7.27	35.82 2.05 -5.37	30.72 1.99 -0.36	29.32 1.74 0.00
N.TROY___115KV_TB1 355778	31.27 1.29 0.00	30.03 1.24 0.00	29.46 1.11 0.00	29.55 1.08 0.00	30.62 1.31 -0.81	33.06 1.64 -0.44	47.01 1.83 -9.38	50.64 2.14 -3.81	46.41 1.67 -11.35	35.40 1.57 -2.36	31.69 1.39 -1.83	29.42 1.27 0.00	29.74 1.34 0.00	33.40 1.39 -3.60	35.60 1.39 -5.86	38.95 1.42 -9.13	47.42 1.60 -13.07	65.41 2.01 -22.28	57.16 1.45 -27.21	48.83 1.40 -18.94	39.79 1.48 -9.22	36.58 1.36 -6.81	30.22 1.39 -0.45	28.74 1.16 0.00
NARROWS_GT1_1 24228	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NARROWS_GT1_2 24229	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NARROWS_GT1_3 24230	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NARROWS_GT1_4 24231	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NARROWS_GT1_5 24232	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NARROWS_GT1_6 24233	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NARROWS_GT1_7 24234	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NARROWS_GT1_8 24235	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NARROWS_GT2_1 24236	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00

NARROWS_GT2_2 24237	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NARROWS_GT2_3 24238	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NARROWS_GT2_4 24239	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NARROWS_GT2_5 24240	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NARROWS_GT2_6 24241	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NARROWS_GT2_7 24242	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NARROWS_GT2_8 24243	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.93 1.95 0.00	30.72 1.93 0.00	30.11 1.76 0.00	30.23 1.76 0.00	30.98 1.74 -0.75	33.62 2.23 -0.41	46.75 2.29 -8.66	50.70 2.50 -3.51	45.94 2.07 -10.47	35.34 1.70 -2.18	31.44 1.28 -1.69	29.30 1.15 0.00	29.71 1.31 0.00	33.21 1.48 -3.32	35.32 1.56 -5.41	38.50 1.68 -8.42	46.83 2.03 -12.06	64.45 2.71 -20.62	55.60 1.99 -25.11	47.80 1.82 -17.48	39.37 1.77 -8.51	36.26 1.56 -6.29	30.50 1.70 -0.42	29.01 1.43 0.00
NCHELSEA_115KV_TR2 355582	31.96 1.98 0.00	30.63 1.84 0.00	29.97 1.62 0.00	30.03 1.57 0.00	31.05 1.91 -0.64	33.59 2.26 -0.35	46.06 2.83 -7.44	51.28 3.57 -3.02	44.96 2.57 -9.00	35.79 2.45 -1.87	32.08 2.16 -1.45	30.15 2.00 0.00	30.45 2.05 0.00	33.42 2.16 -2.85	35.07 2.07 -4.65	37.74 2.10 -7.23	45.59 2.49 -10.36	61.91 3.29 -17.51	52.40 2.34 -21.57	45.71 2.19 -15.02	38.61 2.21 -7.31	35.80 1.99 -5.40	30.61 1.87 -0.36	29.18 1.60 0.00
NEG CAPITAL___MECHNVIL 23645	31.63 1.65 0.00	30.40 1.61 0.00	29.80 1.45 0.00	30.06 1.59 0.00	31.03 1.71 -0.82	33.54 2.11 -0.45	47.76 2.47 -9.50	51.44 2.90 -3.85	47.09 2.17 -11.52	35.88 2.02 -2.40	32.06 1.74 -1.86	29.73 1.58 0.00	30.14 1.73 0.00	33.79 1.73 -3.65	36.06 1.76 -5.95	39.43 1.76 -9.27	48.04 2.03 -13.27	66.31 2.63 -22.56	58.03 1.91 -27.63	49.52 1.80 -19.23	40.25 1.80 -9.37	36.91 1.59 -6.92	30.49 1.65 -0.46	29.01 1.43 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.90 -1.08 0.00	27.81 -0.98 0.00	27.22 -1.13 0.00	27.41 -1.05 0.00	27.67 -0.97 -0.15	30.04 -1.02 -0.08	36.28 -1.22 -1.70	43.33 -2.05 -0.69	34.24 -1.20 -2.05	30.88 -1.01 -0.43	27.83 -0.97 -0.33	26.83 -1.32 0.00	27.10 -1.31 0.00	27.86 -1.19 -0.65	28.13 -1.28 -1.06	28.89 -1.17 -1.65	33.74 -1.37 -2.38	43.03 -2.39 -4.31	32.35 -1.05 -4.91	30.89 -1.02 -3.42	29.76 -0.99 -1.66	28.36 -1.28 -1.23	27.13 -1.33 -0.08	26.17 -1.41 0.00
NEG CENTRAL___DRP 24199	30.10 0.12 0.00	28.93 0.14 0.00	28.35 0.00 0.00	28.47 0.00 0.00	28.68 0.03 -0.15	31.16 0.09 -0.08	37.59 0.04 -1.76	45.17 -0.22 -0.71	35.54 0.03 -2.11	32.09 0.19 -0.44	28.89 0.09 -0.34	27.98 -0.17 0.00	28.24 -0.17 0.00	28.93 -0.14 -0.67	29.21 -0.23 -1.09	29.93 -0.17 -1.70	35.04 -0.13 -2.43	44.73 -0.49 -4.11	33.61 0.06 -5.06	31.93 -0.09 -3.52	30.89 0.09 -1.71	29.50 -0.17 -1.27	28.18 -0.28 -0.08	27.30 -0.28 0.00
NEG CENTRAL___INDECK 23768	30.37 0.39 0.00	29.25 0.46 0.00	28.52 0.17 0.00	28.75 0.28 0.00	28.88 0.20 -0.18	31.48 0.40 -0.10	38.36 0.46 -2.10	45.38 -0.13 -0.83	36.07 0.17 -2.51	32.24 0.25 -0.52	28.87 0.00 -0.41	27.70 -0.45 0.00	27.84 -0.57 0.00	28.64 -0.57 -0.80	28.97 -0.68 -1.30	30.00 -0.43 -2.02	35.18 -0.39 -2.82	45.34 -0.82 -5.04	34.66 0.14 -6.02	32.91 0.23 -4.19	31.42 0.29 -2.04	29.66 -0.26 -1.51	28.14 -0.34 -0.10	27.16 -0.41 0.00
NEG CENTRAL___SENECA 23627	30.22 0.24 0.00	29.08 0.29 0.00	28.44 0.09 0.00	28.55 0.09 0.00	28.77 0.11 -0.16	31.32 0.25 -0.09	37.81 0.14 -1.87	45.26 -0.18 -0.75	35.77 0.13 -2.24	32.28 0.35 -0.47	29.03 0.20 -0.36	28.04 -0.11 0.00	28.32 -0.09 0.00	29.03 -0.09 -0.71	29.31 -0.20 -1.16	30.10 -0.11 -1.80	35.29 -0.03 -2.58	44.90 -0.58 -4.37	34.04 0.17 -5.38	32.24 0.00 -3.74	31.11 0.20 -1.82	29.61 -0.14 -1.35	28.21 -0.26 -0.09	27.30 -0.28 0.00
NEG CENTRAL___STATE_STREET 24147	30.22 0.24 0.00	29.02 0.23 0.00	28.46 0.11 0.00	28.58 0.11 0.00	28.81 0.17 -0.15	31.25 0.19 -0.08	37.77 0.25 -1.72	45.43 0.04 -0.69	35.87 0.40 -2.07	32.40 0.50 -0.43	29.20 0.40 -0.33	28.32 0.17 0.00	28.63 0.23 0.00	29.32 0.26 -0.66	29.62 0.20 -1.07	30.13 0.06 -1.67	35.26 0.13 -2.39	45.20 0.04 -4.04	33.66 0.20 -4.97	32.07 0.11 -3.46	31.00 0.23 -1.68	29.68 0.03 -1.24	28.41 -0.06 -0.08	27.52 -0.06 0.00

NEG MILLWOOD___DRP 24198	32.05 2.07 0.00	30.75 1.96 0.00	30.05 1.70 0.00	30.12 1.65 0.00	31.14 1.99 -0.65	33.75 2.42 -0.35	46.39 3.08 -7.52	51.71 3.98 -3.05	45.33 2.84 -9.09	36.06 2.71 -1.89	32.35 2.42 -1.47	30.35 2.20 0.00	30.71 2.30 0.00	33.68 2.39 -2.88	35.34 2.30 -4.70	38.05 2.33 -7.31	45.90 2.68 -10.47	62.29 3.54 -17.64	52.80 2.51 -21.80	46.01 2.34 -15.18	38.86 2.38 -7.39	36.02 2.16 -5.46	30.70 1.96 -0.36	29.23 1.65 0.00
NEG NORTH_FLCN_SEA 23793	30.91 0.93 0.00	29.59 0.81 0.00	29.31 0.96 0.00	29.49 1.02 0.00	29.26 0.77 0.00	31.91 0.93 0.00	36.91 1.11 0.00	46.34 1.65 0.00	34.53 1.14 0.00	32.41 0.94 0.00	29.32 0.85 0.00	29.14 0.99 0.00	29.37 0.97 0.00	29.23 0.82 0.00	29.12 0.77 0.00	29.03 0.62 0.00	33.40 0.65 0.00	42.02 0.90 0.00	28.95 0.46 0.00	28.98 0.48 0.00	29.55 0.47 0.00	28.81 0.40 0.00	28.61 0.23 0.00	27.77 0.19 0.00
NEG NORTH_KES_CHATEGAY 23792	30.52 0.54 0.00	29.25 0.46 0.00	28.97 0.62 0.00	29.15 0.68 0.00	28.92 0.43 0.00	31.51 0.53 0.00	36.44 0.64 0.00	45.63 0.94 0.00	33.96 0.57 0.00	31.90 0.44 0.00	28.89 0.43 0.00	28.74 0.59 0.00	28.98 0.57 0.00	28.83 0.43 0.00	28.72 0.37 0.00	28.63 0.23 0.00	32.91 0.16 0.00	41.40 0.29 0.00	28.49 0.00 0.00	28.55 0.06 0.00	29.08 0.00 0.00	28.44 0.03 0.00	28.27 -0.11 0.00	27.47 -0.11 0.00
NEG NORTH___ALICE_FALLS 23915	30.88 0.90 0.00	29.59 0.81 0.00	29.31 0.96 0.00	29.49 1.02 0.00	29.24 0.74 0.00	31.91 0.93 0.00	36.94 1.15 0.00	46.61 1.92 0.00	34.73 1.34 0.00	32.56 1.10 0.00	29.43 0.97 0.00	29.25 1.10 0.00	29.49 1.08 0.00	29.34 0.94 0.00	29.23 0.88 0.00	29.17 0.77 0.00	33.56 0.82 0.00	42.26 1.15 0.00	29.15 0.66 0.00	29.12 0.63 0.00	29.72 0.64 0.00	28.92 0.51 0.00	28.69 0.31 0.00	27.83 0.25 0.00
NEG NORTH___LWR_SARANAC 23913	30.88 0.90 0.00	29.59 0.81 0.00	29.31 0.96 0.00	29.49 1.02 0.00	29.24 0.74 0.00	31.91 0.93 0.00	36.94 1.15 0.00	46.61 1.92 0.00	34.73 1.34 0.00	32.56 1.10 0.00	29.43 0.97 0.00	29.25 1.10 0.00	29.49 1.08 0.00	29.34 0.94 0.00	29.23 0.88 0.00	29.17 0.77 0.00	33.56 0.82 0.00	42.26 1.15 0.00	29.15 0.66 0.00	29.12 0.63 0.00	29.72 0.64 0.00	28.92 0.51 0.00	28.69 0.31 0.00	27.83 0.25 0.00
NEG NORTH___PLATTSBURG 23628	30.88 0.90 0.00	29.59 0.80 0.00	29.32 0.96 0.00	29.32 0.85 0.00	29.23 0.74 0.00	31.91 0.93 0.00	36.94 1.15 0.00	46.61 1.92 0.00	34.76 1.37 0.00	32.56 1.10 0.00	29.44 0.97 0.00	29.22 1.07 0.00	29.43 1.02 0.00	29.34 0.94 0.00	29.23 0.88 0.00	29.17 0.77 0.00	33.56 0.82 0.00	42.26 1.15 0.00	29.15 0.66 0.00	29.06 0.57 0.00	29.72 0.64 0.00	28.92 0.51 0.00	28.69 0.31 0.00	27.83 0.25 0.00
NEG WEST_LEA_LOCKPORT 23791	28.45 -1.53 0.00	27.46 -1.32 0.00	26.73 -1.62 0.00	26.84 -1.62 0.00	26.98 -1.68 -0.17	29.34 -1.73 -0.09	35.54 -2.18 -1.93	41.24 -4.16 -0.71	33.22 -2.50 -2.33	30.09 -1.86 -0.48	26.96 -1.88 -0.38	25.84 -2.31 0.00	26.05 -2.36 0.00	26.79 -2.36 -0.74	27.00 -2.55 -1.20	28.01 -2.27 -1.87	32.29 -2.88 -2.43	40.94 -4.32 -4.14	32.00 -2.08 -5.58	29.96 -2.42 -3.89	29.20 -1.77 -1.89	27.53 -2.27 -1.40	26.17 -2.30 -0.09	25.43 -2.15 0.00
NEG WEST___LANCASTR 23811	29.08 -0.90 0.00	28.04 -0.75 0.00	27.30 -1.05 0.00	27.36 -1.11 0.00	26.57 -2.11 -0.18	28.91 -2.17 -0.10	35.33 -2.54 -2.07	41.48 -3.98 -0.77	33.20 -2.70 -2.51	29.91 -2.08 -0.52	26.79 -2.08 -0.40	26.60 -1.55 0.00	26.82 -1.59 0.00	26.62 -2.59 -0.80	26.78 -2.86 -1.29	27.75 -2.67 -2.02	32.34 -3.05 -2.64	41.57 -4.03 -4.48	32.31 -2.19 -6.01	30.14 -2.54 -4.19	29.09 -2.04 -2.04	27.41 -2.50 -1.51	25.90 -2.58 -0.10	26.06 -1.52 0.00
NEG_PENN_ALLEGHNY 23528	30.49 0.51 0.00	29.31 0.52 0.00	28.69 0.34 0.00	28.89 0.43 0.00	29.02 0.26 -0.27	31.50 0.37 -0.15	39.37 0.46 -3.11	46.26 0.32 -1.25	37.62 0.43 -3.79	32.75 0.50 -0.79	29.48 0.40 -0.61	28.43 0.28 0.00	28.78 0.37 0.00	29.84 0.23 -1.20	30.45 0.14 -1.96	31.63 0.17 -3.05	37.33 0.26 -4.33	48.83 0.29 -7.43	37.99 0.40 -9.09	35.22 0.40 -6.33	32.60 0.44 -3.08	30.88 0.20 -2.28	28.65 0.11 -0.15	27.74 0.17 0.00
NEG___GEN_MONROE 24207	29.26 -0.72 0.00	28.18 -0.60 0.00	27.53 -0.82 0.00	27.67 -0.80 0.00	28.02 -0.63 -0.15	30.47 -0.59 -0.08	36.66 -0.89 -1.76	43.43 -1.97 -0.71	34.45 -1.07 -2.12	31.18 -0.72 -0.44	28.04 -0.77 -0.34	26.86 -1.29 0.00	27.07 -1.34 0.00	27.92 -1.16 -0.67	28.14 -1.30 -1.10	29.01 -1.11 -1.71	33.78 -1.41 -2.44	42.79 -2.47 -4.14	32.64 -0.94 -5.09	30.93 -1.11 -3.54	30.11 -0.70 -1.73	28.55 -1.14 -1.27	27.27 -1.19 -0.08	26.31 -1.27 0.00
NEPA___ENERGY 23901	29.41 -0.57 0.00	28.33 -0.46 0.00	27.56 -0.79 0.00	27.64 -0.83 0.00	27.48 -1.20 -0.18	29.90 -1.18 -0.10	36.46 -1.43 -2.10	42.75 -2.73 -0.78	34.23 -1.70 -2.54	30.89 -1.10 -0.53	27.68 -1.20 -0.41	26.88 -1.27 0.00	27.07 -1.34 0.00	27.48 -1.73 -0.81	27.62 -2.04 -1.31	28.57 -1.87 -2.04	33.31 -2.13 -2.69	42.67 -3.00 -4.56	33.27 -1.31 -6.09	31.08 -1.65 -4.24	30.04 -1.11 -2.06	28.31 -1.62 -1.52	26.81 -1.67 -0.10	26.34 -1.24 0.00
NEVERSINK___HYD 23608	31.51 1.53 0.00	30.23 1.44 0.00	29.57 1.22 0.00	29.83 1.37 0.00	30.54 1.48 -0.57	33.05 1.76 -0.31	44.70 2.36 -6.54	50.29 2.95 -2.65	43.34 2.04 -7.91	34.97 1.86 -1.65	31.34 1.59 -1.28	29.58 1.43 0.00	29.23 0.82 0.00	31.83 0.91 -2.51	33.29 0.85 -4.08	35.65 0.88 -6.36	43.03 1.18 -9.11	58.26 1.65 -15.50	48.69 1.22 -18.97	42.81 1.11 -13.20	37.40 1.89 -6.43	34.83 1.68 -4.75	30.23 1.53 -0.32	28.85 1.27 0.00
NEWKRMKL_115KV_TB1 55635	30.82 0.84 0.00	29.59 0.81 0.00	29.06 0.71 0.00	29.15 0.68 0.00	30.18 0.88 -0.80	32.56 1.15 -0.44	46.34 1.25 -9.29	49.89 1.43 -3.77	45.80 1.17 -11.24	34.91 1.10 -2.34	31.25 0.97 -1.81	29.02 0.87 0.00	29.37 0.97 0.00	32.97 0.99 -3.57	35.15 0.99 -5.81	38.47 1.02 -9.04	46.87 1.18 -12.95	64.63 1.44 -22.08	56.50 1.05 -26.95	48.26 1.00 -18.76	39.27 1.05 -9.14	36.12 0.97 -6.75	29.82 0.99 -0.45	28.35 0.77 0.00
NEWTON___FALLS_HYD 23847	29.86 -0.12 0.00	28.70 -0.09 0.00	28.35 0.00 0.00	28.50 0.03 0.00	28.44 -0.09 -0.03	30.90 -0.09 -0.02	36.19 0.00 -0.39	44.98 0.13 -0.16	33.87 0.00 -0.48	31.41 -0.16 -0.10	28.52 -0.03 -0.08	28.15 0.00 0.00	28.41 0.00 0.00	28.50 -0.06 -0.15	28.60 0.00 -0.25	28.85 0.06 -0.38	33.29 0.00 -0.55	42.05 0.00 -0.93	29.90 0.26 -1.14	29.52 0.23 -0.80	29.65 0.17 -0.39	28.75 0.06 -0.29	28.37 -0.03 -0.02	27.52 -0.06 0.00
NGRID_A1_DSASP 323792	28.09 -1.89 0.00	27.09 -1.70 0.00	26.40 -1.96 0.00	26.53 -1.94 0.00	26.72 -1.94 -0.17	29.03 -2.05 -0.09	35.13 -2.61 -1.94	40.64 -4.74 -0.70	32.81 -2.91 -2.33	29.65 -2.30 -0.48	26.59 -2.25 -0.38	25.56 -2.59 0.00	25.82 -2.58 0.00	26.45 -2.70 -0.74	26.66 -2.89 -1.20	27.69 -2.58 -1.87	31.80 -3.31 -2.36	40.56 -4.89 -5.58	31.62 -2.45 -3.88	30.10 -2.28 -1.89	28.85 -2.12 -1.89	27.19 -2.61 -1.40	25.89 -2.58 -0.09	25.10 -2.48 0.00

NGRID_A2_DSASP 323793	28.09 -1.89 0.00	27.09 -1.70 0.00	26.40 -1.96 0.00	26.53 -1.94 0.00	26.72 -1.94 -0.17	29.03 -2.05 -0.09	35.13 -2.61 -1.94	40.64 -4.74 -0.70	32.81 -2.91 -2.33	29.65 -2.30 -0.48	26.59 -2.25 -0.38	25.56 -2.59 0.00	25.82 -2.58 0.00	26.45 -2.70 -0.74	26.66 -2.89 -1.20	27.69 -2.58 -1.87	31.80 -3.31 -2.36	40.56 -4.89 -4.34	31.62 -2.45 -5.58	30.10 -2.28 -3.88	28.85 -2.12 -1.89	27.19 -2.61 -1.40	25.89 -2.58 -0.09	25.10 -2.48 0.00
NGRID_A4_DSASP 323807	28.09 -1.89 0.00	27.09 -1.70 0.00	26.40 -1.96 0.00	26.53 -1.94 0.00	26.72 -1.94 -0.17	29.03 -2.05 -0.09	35.13 -2.61 -1.94	40.64 -4.74 -0.70	32.81 -2.91 -2.33	29.65 -2.30 -0.48	26.59 -2.25 -0.38	25.56 -2.59 0.00	25.82 -2.58 0.00	26.45 -2.70 -0.74	26.66 -2.89 -1.20	27.69 -2.58 -1.87	31.80 -3.31 -2.36	40.56 -4.89 -4.34	31.62 -2.45 -5.58	30.10 -2.28 -3.88	28.85 -2.12 -1.89	27.19 -2.61 -1.40	25.89 -2.58 -0.09	25.10 -2.48 0.00
NIAGARA_115E_LBMP 323715	27.97 -2.01 0.00	27.00 -1.78 0.00	26.28 -2.07 0.00	26.42 -2.05 0.00	26.55 -2.11 -0.17	28.87 -2.20 -0.09	34.99 -2.76 -1.94	40.43 -4.96 -0.71	32.68 -3.04 -2.33	29.53 -2.42 -0.48	26.48 -2.36 -0.38	25.48 -2.67 0.00	25.74 -2.67 0.00	26.31 -2.84 -0.74	26.55 -3.01 -1.20	27.58 -2.70 -1.87	31.67 -3.47 -2.40	40.45 -5.06 -4.40	31.48 -2.59 -5.58	29.96 -2.42 -3.89	28.74 -2.24 -1.89	27.08 -2.73 -1.40	25.75 -2.72 -0.09	24.98 -2.59 0.00
NIAGARA_115W_LBMP 323714	28.03 -1.95 0.00	27.03 -1.76 0.00	26.34 -2.01 0.00	26.47 -1.99 0.00	26.67 -2.00 -0.17	28.96 -2.11 -0.09	35.05 -2.69 -1.94	40.60 -4.78 -0.69	32.75 -2.97 -2.32	29.59 -2.36 -0.48	26.54 -2.30 -0.38	25.50 -2.65 0.00	25.77 -2.64 0.00	26.39 -2.76 -0.74	26.63 -2.92 -1.20	27.64 -2.64 -1.87	31.72 -3.37 -2.35	40.47 -4.98 -4.33	31.56 -2.51 -5.57	30.04 -2.34 -3.88	28.79 -2.18 -1.89	27.13 -2.67 -1.40	25.83 -2.64 -0.09	25.04 -2.54 0.00
NIAGARA_230_LBMP 323716	28.30 -1.68 0.00	27.29 -1.50 0.00	26.59 -1.76 0.00	26.70 -1.76 0.00	26.89 -1.77 -0.17	29.21 -1.86 -0.09	35.33 -2.40 -1.93	40.94 -4.42 -0.68	33.00 -2.70 -2.31	29.87 -2.08 -0.48	26.76 -2.08 -0.37	25.76 -2.39 0.00	26.05 -2.36 0.00	26.64 -2.50 -0.73	26.85 -2.69 -1.19	27.88 -2.39 -1.86	32.00 -3.04 -2.30	40.80 -4.56 -4.25	31.81 -2.22 -5.54	30.30 -2.05 -3.86	29.01 -1.95 -1.88	27.38 -2.41 -1.39	26.06 -2.41 -0.09	25.29 -2.29 0.00
NIAGARA__115KV_198_GIBSON 55903	28.03 -1.95 0.00	27.03 -1.76 0.00	26.34 -2.01 0.00	26.45 -2.02 0.00	26.67 -1.99 -0.17	28.96 -2.11 -0.09	35.05 -2.68 -1.94	40.55 -4.83 -0.69	32.74 -3.01 -2.35	29.66 -2.30 -0.49	26.54 -2.31 -0.38	25.39 -2.76 0.00	25.62 -2.78 0.00	26.40 -2.76 -0.74	26.64 -2.92 -1.21	27.65 -2.64 -1.89	31.75 -3.37 -2.38	40.16 -5.02 -4.06	31.62 -2.51 -5.63	29.56 -2.85 -3.92	28.81 -2.18 -1.91	27.15 -2.67 -1.41	25.83 -2.64 -0.09	25.04 -2.54 0.00
NIAGARA____ 23760	28.30 -1.68 0.00	27.29 -1.50 0.00	26.59 -1.76 0.00	26.70 -1.76 0.00	26.90 -1.77 -0.17	29.21 -1.86 -0.09	35.34 -2.40 -1.94	40.95 -4.42 -0.69	33.01 -2.70 -2.32	29.87 -2.08 -0.48	26.76 -2.08 -0.37	25.76 -2.39 0.00	26.05 -2.36 0.00	26.64 -2.50 -0.74	26.85 -2.69 -1.20	27.89 -2.39 -1.87	32.04 -3.04 -2.34	40.86 -4.56 -4.31	31.83 -2.22 -5.56	30.32 -2.05 -3.87	29.02 -1.95 -1.89	27.39 -2.41 -1.39	26.06 -2.41 -0.09	25.29 -2.29 0.00
NINE_MILE_1 23575	29.20 -0.78 0.00	28.07 -0.72 0.00	27.56 -0.79 0.00	27.73 -0.74 0.00	27.85 -0.74 -0.10	30.04 -0.99 -0.05	35.78 -1.18 -1.16	43.51 -1.65 -0.47	33.66 -1.14 -1.40	30.72 -1.04 -0.29	27.75 -0.94 -0.23	27.11 -1.04 0.00	27.41 -1.00 0.00	27.86 -1.00 -0.44	28.05 -1.02 -0.72	28.54 -1.00 -1.12	33.21 -1.15 -1.61	42.40 -1.44 -2.73	30.91 -0.94 -3.35	29.92 -0.91 -2.33	29.32 -0.90 -1.14	28.31 -0.94 -0.84	27.50 -0.94 -0.06	26.72 -0.86 0.00
NINE_MILE_2 23744	29.20 -0.78 0.00	28.07 -0.72 0.00	27.59 -0.76 0.00	27.73 -0.74 0.00	27.85 -0.74 -0.10	30.07 -0.96 -0.05	35.77 -1.18 -1.16	43.50 -1.65 -0.47	33.65 -1.14 -1.39	30.72 -1.04 -0.29	27.75 -0.94 -0.22	27.11 -1.04 0.00	27.41 -1.00 0.00	27.85 -1.00 -0.44	28.05 -1.02 -0.72	28.53 -1.00 -1.12	33.20 -1.15 -1.61	42.40 -1.44 -2.72	30.90 -0.94 -3.34	29.91 -0.91 -2.33	29.32 -0.90 -1.13	28.31 -0.94 -0.84	27.50 -0.94 -0.06	26.72 -0.86 0.00
NM_CAPITAL____DRP 24208	30.94 0.96 0.00	29.71 0.92 0.00	29.14 0.79 0.00	29.24 0.77 0.00	30.26 0.97 -0.80	32.66 1.24 -0.44	46.39 1.32 -9.27	49.97 1.52 -3.76	45.84 1.24 -11.21	34.96 1.16 -2.33	31.33 1.05 -1.81	29.11 0.96 0.00	29.43 1.02 0.00	33.04 1.08 -3.56	35.22 1.08 -5.79	38.53 1.11 -9.01	46.90 1.24 -12.91	64.64 1.52 -22.01	56.45 1.08 -26.88	48.29 1.08 -18.71	39.33 1.13 -9.11	36.19 1.05 -6.73	29.93 1.11 -0.45	28.43 0.85 0.00
NM_CENTRAL____DRP 24181	29.83 -0.15 0.00	28.67 -0.12 0.00	28.12 -0.23 0.00	28.24 -0.23 0.00	28.45 -0.17 -0.12	30.71 -0.34 -0.07	36.78 -0.43 -1.41	44.54 -0.71 -0.57	34.66 -0.43 -1.70	31.44 -0.38 -0.35	28.46 -0.28 -0.27	27.70 -0.45 0.00	27.98 -0.43 0.00	28.58 -0.37 -0.54	28.80 -0.43 -0.88	29.41 -0.37 -1.37	34.21 -0.49 -1.96	43.82 -0.62 -3.32	32.23 -0.34 -4.08	30.97 -0.37 -2.84	30.24 -0.23 -1.38	29.09 -0.34 -1.02	28.08 -0.37 -0.07	27.22 -0.36 0.00
NM_FRONTIER____DRP 24179	28.03 -1.95 0.00	27.03 -1.76 0.00	26.34 -2.01 0.00	26.45 -2.02 0.00	26.67 -1.99 -0.17	28.96 -2.11 -0.09	35.05 -2.68 -1.94	40.55 -4.83 -0.69	32.74 -3.01 -2.35	29.66 -2.30 -0.49	26.54 -2.31 -0.38	25.39 -2.76 0.00	25.62 -2.78 0.00	26.40 -2.76 -0.74	26.64 -2.92 -1.21	27.65 -2.64 -1.89	31.75 -3.37 -2.38	40.16 -5.02 -4.06	31.62 -2.51 -5.63	29.56 -2.85 -3.92	28.81 -2.18 -1.91	27.15 -2.67 -1.41	25.83 -2.64 -0.09	25.04 -2.54 0.00
NM_ST_REGIS____HYD 24053	30.10 0.12 0.00	28.88 0.09 0.00	28.63 0.28 0.00	28.81 0.34 0.00	28.63 0.11 -0.02	31.17 0.19 -0.01	36.28 0.29 -0.19	45.53 0.76 -0.08	34.11 0.47 -0.25	31.80 0.28 -0.05	28.76 0.26 -0.04	28.54 0.39 0.00	28.81 0.40 0.00	28.80 0.31 -0.08	28.82 0.34 -0.13	28.89 0.28 -0.20	33.32 0.29 -0.28	42.05 0.45 -0.48	29.34 0.26 -0.59	29.16 0.26 -0.41	29.49 0.20 -0.20	28.70 0.14 -0.15	28.45 0.06 -0.01	27.66 0.08 0.00
NORTHPORT____1 23551	40.22 2.28 -7.96	39.75 2.13 -8.83	37.85 1.87 -7.63	37.85 2.05 -7.33	38.89 2.16 -8.23	40.82 2.60 -7.24	50.15 3.22 -11.13	62.68 3.71 -14.29	46.87 3.11 -10.37	41.60 3.12 -7.02	42.34 2.82 -11.05	41.73 2.70 -10.88	42.17 2.70 -11.06	42.49 2.67 -11.41	42.90 2.52 -12.03	44.33 2.36 -13.57	63.88 2.82 -28.32	77.39 3.74 -32.54	70.62 2.65 -39.47	63.26 2.51 -32.26	51.30 2.56 -19.66	47.17 2.33 -16.43	43.49 2.35 -12.76	41.41 2.04 -11.80
NORTHPORT____2 23552	40.22 2.28 -7.96	39.75 2.13 -8.83	37.85 1.87 -7.63	37.85 2.05 -7.33	38.89 2.16 -8.23	40.82 2.60 -7.24	50.15 3.22 -11.13	62.68 3.71 -14.29	46.87 3.11 -10.37	41.60 3.12 -7.02	42.34 2.82 -11.05	41.73 2.70 -10.88	42.17 2.70 -11.06	42.49 2.67 -11.41	42.90 2.52 -12.03	44.33 2.36 -13.57	63.88 2.82 -28.32	77.39 3.74 -32.54	70.62 2.65 -39.47	63.26 2.51 -32.26	51.30 2.56 -19.66	47.17 2.33 -16.43	43.49 2.35 -12.76	41.41 2.04 -11.80

NORTHPORT___3 23553	40.31 2.37 -7.96	39.78 2.16 -8.83	37.96 1.98 -7.63	37.96 2.16 -7.33	38.97 2.25 -8.23	40.79 2.57 -7.24	49.85 2.94 -11.12	63.85 4.56 -14.60	46.73 2.97 -10.36	41.57 3.09 -7.02	42.37 2.85 -11.05	41.76 2.73 -10.88	42.22 2.75 -11.06	42.49 2.67 -11.41	42.87 2.50 -12.03	44.58 2.61 -13.56	63.88 2.82 -28.32	77.31 3.66 -32.54	70.58 2.62 -39.46	63.23 2.48 -32.26	51.24 2.50 -19.65	47.11 2.27 -16.43	43.43 2.30 -12.76	41.47 2.09 -11.80
NORTHPORT___4 23650	40.31 2.37 -7.96	39.78 2.16 -8.83	37.96 1.98 -7.63	37.96 2.16 -7.33	38.97 2.25 -8.23	40.79 2.57 -7.24	49.85 2.94 -11.12	63.85 4.56 -14.60	46.73 2.97 -10.36	41.57 3.09 -7.02	42.37 2.85 -11.05	41.76 2.73 -10.88	42.22 2.75 -11.06	42.49 2.67 -11.41	42.87 2.50 -12.03	44.58 2.61 -13.56	63.88 2.82 -28.32	77.31 3.66 -32.54	70.58 2.62 -39.46	63.23 2.48 -32.26	51.24 2.50 -19.65	47.11 2.27 -16.43	43.43 2.30 -12.76	41.47 2.09 -11.80
NORTHPORT___IC 23718	40.22 2.28 -7.96	39.75 2.13 -8.83	37.85 1.87 -7.63	37.85 2.05 -7.33	38.89 2.16 -8.23	40.82 2.60 -7.24	50.15 3.22 -11.13	62.68 3.71 -14.29	46.87 3.11 -10.37	41.60 3.12 -7.02	42.34 2.82 -11.05	41.73 2.70 -10.88	42.17 2.70 -11.06	42.49 2.67 -11.41	42.90 2.52 -12.03	44.33 2.36 -13.57	63.88 2.82 -28.32	77.39 3.74 -32.54	70.62 2.65 -39.47	63.26 2.51 -32.26	51.30 2.56 -19.66	47.17 2.33 -16.43	43.49 2.35 -12.76	41.41 2.04 -11.80
NORTH___COUNTRY_ESR 323785	30.43 0.45 0.00	29.16 0.37 0.00	28.89 0.54 0.00	28.89 0.43 0.00	28.84 0.34 0.00	31.41 0.43 0.00	36.34 0.54 0.00	45.63 0.94 0.00	34.00 0.60 0.00	31.90 0.44 0.00	28.89 0.43 0.00	28.71 0.56 0.00	28.89 0.48 0.00	28.83 0.43 0.00	28.72 0.37 0.00	28.63 0.23 0.00	32.91 0.16 0.00	41.40 0.29 0.00	28.49 0.00 0.00	28.47 -0.03 0.00	29.08 0.00 0.00	28.44 0.03 0.00	28.27 -0.11 0.00	27.47 -0.11 0.00
NPX_GEN_1385_PROXY 323591	38.20 1.41 -6.81	38.00 1.30 -7.91	36.00 1.05 -6.60	36.28 1.22 -6.59	37.64 1.34 -7.81	40.29 2.08 -7.24	49.86 2.94 -11.13	62.15 3.17 -14.29	46.30 2.54 -10.37	40.85 2.36 -7.02	39.60 1.99 -9.14	37.03 1.89 -6.99	36.07 1.90 -5.76	36.38 1.87 -6.10	39.27 1.73 -9.19	43.62 1.65 -13.57	56.16 1.93 -21.49	74.00 2.59 -30.30	59.86 1.85 -29.51	53.12 1.68 -22.94	50.00 1.72 -19.20	46.40 1.56 -16.43	42.81 1.67 -12.76	38.50 1.27 -9.65
NPX_GEN_CSC 323557	40.73 2.79 -7.96	40.24 2.62 -8.83	38.33 2.35 -7.63	38.33 2.53 -7.33	39.34 2.62 -8.23	41.34 3.13 -7.24	51.02 3.97 -11.25	88.34 4.96 -38.70	47.64 3.84 -10.41	42.23 3.74 -7.02	42.85 3.33 -11.05	42.15 3.12 -10.88	42.65 3.18 -11.06	42.97 3.15 -11.41	43.44 3.06 -12.03	45.11 3.10 -13.61	64.73 3.67 -28.32	78.50 4.81 -32.58	71.51 3.42 -39.59	64.07 3.28 -32.30	52.10 3.31 -19.70	47.92 3.04 -16.47	44.06 2.92 -12.76	41.83 2.45 -11.80
NSINS_S_GLNS_FALLS 23858	31.66 1.68 0.00	30.43 1.64 0.00	29.85 1.50 0.00	29.95 1.48 0.00	31.15 1.82 -0.83	33.69 2.26 -0.45	48.19 2.83 -9.56	51.79 3.22 -3.88	47.33 2.37 -11.57	36.01 2.14 -2.41	32.10 1.76 -1.87	29.67 1.52 0.00	30.08 1.68 0.00	33.81 1.73 -3.67	36.08 1.76 -5.97	39.36 1.65 -9.30	47.90 1.83 -13.32	66.38 2.55 -22.71	58.03 1.80 -27.74	49.43 1.62 -19.31	40.09 1.60 -9.40	36.66 1.31 -6.94	30.43 1.59 -0.46	29.04 1.46 0.00
NUCOR_STEEL___DRP 24197	30.28 0.30 0.00	29.11 0.32 0.00	28.55 0.20 0.00	28.67 0.20 0.00	28.87 0.23 -0.15	31.28 0.22 -0.08	37.73 0.25 -1.68	45.41 0.04 -0.68	35.85 0.43 -2.02	32.42 0.53 -0.42	29.19 0.40 -0.33	28.32 0.17 0.00	28.63 0.23 0.00	29.33 0.28 -0.64	29.62 0.23 -1.05	30.06 0.03 -1.63	35.17 0.10 -2.33	45.06 0.00 -3.95	33.49 0.14 -4.85	31.93 0.06 -3.38	30.93 0.20 -1.65	29.65 0.03 -1.22	28.40 -0.06 -0.08	27.52 -0.06 0.00
NUMBER_THREE_WT_PWR 323818	30.31 0.33 0.00	29.16 0.37 0.00	28.69 0.34 0.00	28.81 0.34 0.00	28.88 0.34 -0.05	31.28 0.28 -0.03	36.69 0.36 -0.53	45.22 0.32 -0.22	34.17 0.13 -0.65	31.63 0.03 -0.13	28.86 0.28 -0.10	28.37 0.22 0.00	28.66 0.26 0.00	28.81 0.20 -0.21	28.94 0.25 -0.33	29.30 0.37 -0.52	33.75 0.26 -0.74	42.51 0.12 -1.27	30.78 0.74 -1.55	30.23 0.66 -1.08	30.22 0.61 -0.53	29.22 0.43 -0.39	28.75 0.34 -0.03	27.85 0.28 0.00
NYISO_LBMP_REFERENCE 24008	29.98 0.00 0.00	28.79 0.00 0.00	28.35 0.00 0.00	28.47 0.00 0.00	28.49 0.00 0.00	30.98 0.00 0.00	35.80 0.00 0.00	44.69 0.00 0.00	33.39 0.00 0.00	31.46 0.00 0.00	28.47 0.00 0.00	28.15 0.00 0.00	28.41 0.00 0.00	28.41 0.00 0.00	28.35 0.00 0.00	28.41 0.00 0.00	32.74 0.00 0.00	41.11 0.00 0.00	28.49 0.00 0.00	28.49 0.00 0.00	29.08 0.00 0.00	28.41 0.00 0.00	28.38 0.00 0.00	27.58 0.00 0.00
NYPA_BRENTWD___GT 24164	40.61 2.67 -7.96	40.12 2.50 -8.83	38.19 2.21 -7.63	38.22 2.42 -7.33	39.23 2.51 -8.23	41.25 3.04 -7.24	50.27 3.33 -11.14	66.83 4.07 -18.08	47.13 3.37 -10.37	42.04 3.55 -7.02	42.68 3.16 -11.05	42.04 3.01 -10.88	42.51 3.04 -11.06	42.80 2.98 -11.41	43.24 2.86 -12.03	44.54 2.56 -13.57	64.37 3.31 -28.32	77.64 3.99 -32.54	70.80 2.82 -39.48	63.70 2.94 -32.27	51.77 3.02 -19.66	47.40 2.56 -16.44	43.89 2.75 -12.76	41.77 2.40 -11.80
NYPA_GOWANUS___GT5 24156	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NYPA_GOWANUS___GT6 24157	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.49 2.02 0.00	31.24 2.11 -0.64	33.68 2.35 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.19 2.97 -8.82	36.35 3.05 -1.84	32.62 2.73 -1.42	30.77 2.62 0.00	30.99 2.58 0.00	33.76 2.56 -2.80	35.35 2.44 -4.56	37.95 2.44 -7.09	45.82 2.91 -10.16	62.26 3.86 -17.28	52.36 2.71 -21.15	45.79 2.57 -14.73	38.76 2.50 -7.17	36.06 2.36 -5.30	31.06 2.33 -0.35	29.56 1.99 0.00
NYPA_HARLEM___RVR_GT1 24160	32.08 2.10 0.00	30.69 1.90 0.00	29.94 1.59 0.00	30.20 1.74 0.00	30.98 1.85 -0.64	33.25 1.92 -0.35	45.65 2.47 -7.38	51.21 3.53 -2.99	44.88 2.67 -8.81	36.03 2.74 -1.83	32.36 2.48 -1.42	30.51 2.36 0.01	30.73 2.33 0.01	33.47 2.27 -2.79	35.03 2.13 -4.55	37.68 2.19 -7.09	45.45 2.56 -10.15	61.80 3.41 -17.28	52.03 2.39 -21.15	45.46 2.25 -14.72	38.46 2.21 -7.16	35.71 2.02 -5.29	30.68 1.96 -0.35	29.29 1.71 0.00
NYPA_HARLEM___RVR_GT2 24161	32.08 2.10 0.00	30.69 1.90 0.00	29.94 1.59 0.00	30.20 1.74 0.00	30.98 1.85 -0.64	33.25 1.92 -0.35	45.65 2.47 -7.38	51.21 3.53 -2.99	44.88 2.67 -8.81	36.03 2.74 -1.83	32.36 2.48 -1.42	30.51 2.36 0.01	30.73 2.33 0.01	33.47 2.27 -2.79	35.03 2.13 -4.55	37.68 2.19 -7.09	45.45 2.56 -10.15	61.80 3.41 -17.28	52.03 2.39 -21.15	45.46 2.25 -14.72	38.46 2.21 -7.16	35.71 2.02 -5.29	30.68 1.96 -0.35	29.29 1.71 0.00

NYPA_KENT____GT 24152	32.23 2.25 0.00	30.83 2.04 0.00	30.11 1.76 0.00	30.40 1.94 0.00	31.19 2.05 -0.64	33.62 2.29 -0.35	46.01 2.83 -7.39	51.66 3.98 -3.00	45.16 2.94 -8.82	36.32 3.02 -1.84	32.60 2.71 -1.42	30.74 2.59 0.00	30.97 2.56 0.00	33.73 2.53 -2.80	35.29 2.38 -4.56	37.92 2.41 -7.09	45.79 2.88 -10.16	62.18 3.78 -17.28	52.30 2.65 -21.15	45.73 2.51 -14.73	38.73 2.47 -7.17	36.00 2.30 -5.30	30.97 2.24 -0.35	29.51 1.93 0.00
NYPA_POUCH1____GT 24155	32.39 2.40 -0.01	30.95 2.16 0.00	30.22 1.87 0.00	30.52 2.05 0.00	31.30 2.16 -0.64	33.71 2.39 -0.35	46.05 2.86 -7.39	51.71 4.02 -3.00	45.22 3.01 -8.82	36.39 3.09 -1.84	32.68 2.79 -1.42	30.80 2.65 0.00	31.02 2.61 0.00	33.79 2.58 -2.80	35.37 2.47 -4.56	37.97 2.47 -7.09	45.85 2.95 -10.16	62.30 3.91 -17.28	52.38 2.74 -21.15	45.81 2.59 -14.73	38.78 2.53 -7.17	36.09 2.39 -5.30	31.09 2.35 -0.35	29.59 2.01 0.00
NYPA_VERNON____GT2 24162	32.14 2.16 0.00	30.75 1.96 0.00	30.02 1.67 0.00	30.32 1.85 0.00	31.10 1.96 -0.64	33.56 2.23 -0.35	45.98 2.79 -7.39	51.62 3.93 -3.00	45.16 2.94 -8.82	36.29 2.99 -1.84	32.57 2.68 -1.42	30.68 2.53 0.00	30.93 2.53 0.00	33.68 2.47 -2.80	35.26 2.35 -4.56	37.89 2.39 -7.09	45.72 2.82 -10.16	62.10 3.70 -17.28	52.24 2.59 -21.15	45.70 2.48 -14.73	38.70 2.44 -7.17	35.95 2.24 -5.30	30.92 2.19 -0.35	29.43 1.85 0.00
NYPA_VERNON____GT3 24163	32.14 2.16 0.00	30.75 1.96 0.00	30.02 1.67 0.00	30.32 1.85 0.00	31.10 1.96 -0.64	33.56 2.23 -0.35	45.98 2.79 -7.39	51.62 3.93 -3.00	45.16 2.94 -8.82	36.29 2.99 -1.84	32.57 2.68 -1.42	30.68 2.53 0.00	30.93 2.53 0.00	33.68 2.47 -2.80	35.26 2.35 -4.56	37.89 2.39 -7.09	45.72 2.82 -10.16	62.10 3.70 -17.28	52.24 2.59 -21.15	45.70 2.48 -14.73	38.70 2.44 -7.17	35.95 2.24 -5.30	30.92 2.19 -0.35	29.43 1.85 0.00
NYPA____ASTORIA_CC1 323568	32.11 2.13 0.00	30.72 1.93 0.00	29.99 1.64 0.00	30.29 1.82 0.00	31.07 1.94 -0.64	33.50 2.17 -0.35	45.91 2.72 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.23 2.93 -1.84	32.54 2.65 -1.42	30.65 2.50 0.00	30.88 2.47 0.00	33.65 2.44 -2.80	35.20 2.30 -4.56	37.83 2.33 -7.09	45.66 2.75 -10.16	62.05 3.66 -17.28	52.21 2.57 -21.15	45.64 2.42 -14.73	38.64 2.39 -7.17	35.92 2.22 -5.30	30.89 2.16 -0.35	29.40 1.82 0.00
NYPA____ASTORIA_CC2 323569	32.11 2.13 0.00	30.72 1.93 0.00	29.99 1.64 0.00	30.29 1.82 0.00	31.07 1.94 -0.64	33.50 2.17 -0.35	45.91 2.72 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.23 2.93 -1.84	32.54 2.65 -1.42	30.65 2.50 0.00	30.88 2.47 0.00	33.65 2.44 -2.80	35.20 2.30 -4.56	37.83 2.33 -7.09	45.66 2.75 -10.16	62.05 3.66 -17.28	52.21 2.57 -21.15	45.64 2.42 -14.73	38.64 2.39 -7.17	35.92 2.22 -5.30	30.89 2.16 -0.35	29.40 1.82 0.00
NYPA____HOLTSVILL 23794	40.52 2.58 -7.96	40.04 2.42 -8.83	38.11 2.13 -7.63	38.13 2.33 -7.33	39.14 2.42 -8.23	41.13 2.91 -7.24	50.70 3.65 -11.25	87.92 4.51 -38.72	47.34 3.54 -10.41	41.98 3.49 -7.02	42.65 3.13 -11.05	41.98 2.95 -10.88	42.45 2.98 -11.06	42.77 2.95 -11.41	43.21 2.83 -12.03	44.83 2.81 -13.61	64.37 3.31 -28.32	78.01 4.32 -32.58	71.17 3.08 -39.59	63.71 2.91 -32.30	51.75 2.97 -19.70	47.64 2.75 -16.47	43.80 2.67 -12.76	41.64 2.26 -11.80
NYPA____HELLGATE_GT1 24158	32.08 2.10 0.00	30.69 1.90 0.00	29.94 1.59 0.00	30.20 1.74 0.00	30.98 1.85 -0.64	33.25 1.92 -0.35	45.65 2.47 -7.38	51.21 3.53 -2.99	44.88 2.67 -8.81	36.03 2.74 -1.83	32.36 2.48 -1.42	30.51 2.36 0.01	30.73 2.33 0.01	33.47 2.27 -2.79	35.03 2.13 -4.55	37.68 2.19 -7.09	45.45 2.56 -10.15	61.80 3.41 -17.28	52.03 2.39 -21.15	45.46 2.25 -14.72	38.46 2.21 -7.16	35.71 2.02 -5.29	30.68 1.96 -0.35	29.29 1.71 0.00
NYPA____HELLGATE_GT2 24159	32.08 2.10 0.00	30.69 1.90 0.00	29.94 1.59 0.00	30.20 1.74 0.00	30.98 1.85 -0.64	33.25 1.92 -0.35	45.65 2.47 -7.38	51.21 3.53 -2.99	44.88 2.67 -8.81	36.03 2.74 -1.83	32.36 2.48 -1.42	30.51 2.36 0.01	30.73 2.33 0.01	33.47 2.27 -2.79	35.03 2.13 -4.55	37.68 2.19 -7.09	45.45 2.56 -10.15	61.80 3.41 -17.28	52.03 2.39 -21.15	45.46 2.25 -14.72	38.46 2.21 -7.16	35.71 2.02 -5.29	30.68 1.96 -0.35	29.29 1.71 0.00
NYS_BARGE____HYD 23848	28.42 -1.56 0.00	27.44 -1.35 0.00	26.71 -1.65 0.00	26.85 -1.62 0.00	26.98 -1.68 -0.17	29.34 -1.73 -0.09	35.53 -2.18 -1.92	41.24 -4.15 -0.71	33.25 -2.44 -2.30	30.05 -1.89 -0.48	26.96 -1.88 -0.37	25.93 -2.22 0.00	26.19 -2.22 0.00	26.78 -2.36 -0.73	26.99 -2.55 -1.19	28.01 -2.24 -1.85	32.30 -2.85 -2.41	41.25 -4.28 -4.41	31.95 -2.05 -5.51	30.39 -1.94 -3.83	29.21 -1.74 -1.87	27.51 -2.27 -1.38	26.17 -2.30 -0.09	25.40 -2.18 0.00
OAK ORCHARD____HYD 24046	29.26 -0.72 0.00	28.18 -0.61 0.00	27.53 -0.82 0.00	27.73 -0.74 0.00	28.05 -0.60 -0.15	30.47 -0.59 -0.08	36.76 -0.79 -1.75	43.56 -1.83 -0.71	34.56 -0.93 -2.10	31.21 -0.69 -0.44	28.12 -0.68 -0.34	27.02 -1.13 0.00	27.30 -1.11 0.00	28.08 -1.00 -0.67	28.33 -1.11 -1.08	29.19 -0.91 -1.69	34.01 -1.15 -2.42	43.40 -2.14 -4.43	32.76 -0.77 -5.03	31.32 -0.68 -3.50	30.18 -0.61 -1.71	28.65 -1.02 -1.26	27.41 -1.05 -0.08	26.42 -1.16 0.00
OAKDALE__35_KV_LOAD 356122	30.37 0.39 0.00	29.19 0.40 0.00	28.58 0.23 0.00	28.67 0.20 0.00	28.90 0.14 -0.27	31.34 0.22 -0.15	39.21 0.32 -3.09	46.02 0.09 -1.24	37.41 0.27 -3.75	32.62 0.38 -0.78	29.36 0.28 -0.60	28.29 0.14 0.00	28.58 0.17 0.00	29.71 0.11 -1.19	30.29 0.00 -1.93	31.48 0.06 -3.01	37.15 0.13 -4.27	48.52 0.08 -7.33	37.73 0.26 -8.98	34.92 0.17 -6.25	32.45 0.32 -3.04	30.74 0.09 -2.25	28.56 0.03 -0.15	27.63 0.06 0.00
OCC_CHEM____DRP 24175	28.09 -1.89 0.00	27.09 -1.70 0.00	26.39 -1.96 0.00	26.50 -1.96 0.00	26.73 -1.94 -0.17	29.03 -2.04 -0.09	35.13 -2.61 -1.94	40.65 -4.74 -0.70	32.80 -2.94 -2.35	29.72 -2.23 -0.49	26.60 -2.25 -0.38	25.45 -2.70 0.00	25.68 -2.73 0.00	26.45 -2.70 -0.75	26.67 -2.89 -1.21	27.71 -2.59 -1.89	31.82 -3.31 -2.38	40.25 -4.93 -4.07	31.68 -2.45 -5.63	29.62 -2.79 -3.92	28.87 -2.12 -1.91	27.20 -2.61 -1.41	25.89 -2.58 -0.09	25.10 -2.48 0.00
OH_GEN_PROXY 24063	28.33 -1.65 0.00	27.32 -1.47 0.00	26.62 -1.73 0.00	26.76 -1.71 0.00	26.92 -1.74 -0.17	29.27 -1.80 -0.09	35.40 -2.33 -1.93	41.20 -4.25 -0.76	33.10 -2.60 -2.31	29.93 -2.01 -0.48	26.85 -1.99 -0.37	25.84 -2.31 0.00	26.13 -2.27 0.00	26.73 -2.41 -0.73	26.94 -2.61 -1.19	27.94 -2.33 -1.86	32.37 -2.95 -2.58	41.40 -4.40 -4.68	31.90 -2.14 -5.54	30.35 -2.00 -3.86	29.10 -1.86 -1.88	27.47 -2.33 -1.39	26.15 -2.33 -0.09	25.37 -2.21 0.00
OLIN_CORP_DRP 24177	28.03 -1.95 0.00	27.06 -1.73 0.00	26.37 -1.98 0.00	26.45 -2.02 0.00	26.64 -2.02 -0.17	28.93 -2.14 -0.09	35.06 -2.68 -1.95	40.52 -4.87 -0.71	32.75 -3.01 -2.36	29.66 -2.30 -0.49	26.54 -2.31 -0.38	25.42 -2.73 0.00	25.65 -2.76 0.00	26.40 -2.76 -0.75	26.62 -2.95 -1.22	27.66 -2.64 -1.90	31.80 -3.37 -2.43	40.28 -4.97 -4.14	31.64 -2.51 -5.66	29.58 -2.85 -3.94	28.82 -2.18 -1.92	27.15 -2.67 -1.42	25.83 -2.64 -0.09	25.04 -2.54 0.00

OLIN_CORP_DSASP 323712	28.09 -1.89 0.00	27.09 -1.70 0.00	26.40 -1.96 0.00	26.53 -1.94 0.00	26.72 -1.94 -0.17	29.03 -2.05 -0.09	35.13 -2.61 -1.94	40.64 -4.74 -0.70	32.81 -2.91 -2.33	29.65 -2.30 -0.48	26.59 -2.25 -0.38	25.56 -2.59 0.00	25.82 -2.58 0.00	26.45 -2.70 -0.74	26.66 -2.89 -1.20	27.69 -2.58 -1.87	31.80 -3.31 -2.36	40.56 -4.89 -4.34	31.62 -2.45 -5.58	30.10 -2.28 -3.88	28.85 -2.12 -1.89	27.19 -2.61 -1.40	25.89 -2.58 -0.09	25.10 -2.48 0.00
ONEIDA_HERK_LFGE 323681	30.61 0.63 0.00	29.48 0.69 0.00	28.97 0.62 0.00	29.09 0.63 0.00	29.16 0.63 -0.04	31.68 0.68 -0.02	37.17 0.90 -0.48	45.82 0.94 -0.19	34.67 0.70 -0.58	32.15 0.57 -0.12	29.16 0.60 -0.09	28.66 0.51 0.00	28.98 0.57 0.00	29.13 0.54 -0.18	29.22 0.57 -0.30	29.53 0.65 -0.47	34.13 0.72 -0.67	43.07 0.82 -1.14	30.79 0.91 -1.39	30.31 0.85 -0.97	30.37 0.81 -0.47	29.41 0.65 -0.35	28.97 0.57 -0.02	28.07 0.50 0.00
ONEIDA___115KV_TB4 55905	30.91 0.93 0.00	29.77 0.98 0.00	29.23 0.88 0.00	29.32 0.85 0.00	29.45 0.88 -0.07	32.04 1.02 -0.04	37.91 1.25 -0.86	46.42 1.39 -0.35	35.50 1.07 -1.04	32.62 0.94 -0.22	29.49 0.85 -0.17	28.85 0.70 0.00	29.17 0.77 0.00	29.48 0.74 -0.33	29.65 0.77 -0.54	30.07 0.82 -0.84	34.92 0.98 -1.20	44.34 1.19 -2.03	32.02 1.03 -2.50	31.14 0.91 -1.74	30.89 0.96 -0.85	29.80 0.77 -0.62	29.13 0.71 -0.04	28.24 0.66 0.00
ONONDAGA_REF_OCCRA 23987	29.98 0.00 0.00	28.79 0.00 0.00	28.27 -0.09 0.00	28.35 -0.11 0.00	28.57 -0.06 -0.14	30.90 -0.15 -0.07	37.16 -0.21 -1.57	44.88 -0.45 -0.64	35.06 -0.23 -1.90	31.70 -0.16 -0.40	28.63 -0.14 -0.31	27.87 -0.28 0.00	28.15 -0.26 0.00	28.78 -0.23 -0.60	29.05 -0.28 -0.98	29.71 -0.23 -1.53	34.67 -0.26 -2.19	44.50 -0.33 -3.71	32.91 -0.14 -4.56	31.50 -0.17 -3.17	30.57 -0.06 -1.54	29.35 -0.20 -1.14	28.23 -0.23 -0.08	27.36 -0.22 0.00
ONONDAGA___COGEN 23986	30.04 0.06 0.00	28.85 0.06 0.00	28.32 -0.03 0.00	28.44 -0.03 0.00	28.63 0.00 -0.13	30.96 -0.09 -0.07	37.22 -0.11 -1.53	44.99 -0.31 -0.62	35.04 -0.20 -1.84	31.72 -0.13 -0.38	28.65 -0.11 -0.30	27.87 -0.28 0.00	28.18 -0.23 0.00	28.79 -0.20 -0.58	29.08 -0.23 -0.95	29.72 -0.17 -1.48	34.67 -0.20 -2.12	44.43 -0.29 -3.60	32.80 -0.11 -4.42	31.40 -0.17 -3.08	30.55 -0.03 -1.50	29.34 -0.17 -1.11	28.23 -0.23 -0.07	27.38 -0.19 0.00
ONTARIO___LFGE 23819	30.22 0.24 0.00	29.08 0.29 0.00	28.44 0.09 0.00	28.64 0.17 0.00	28.77 0.11 -0.16	31.31 0.25 -0.09	37.81 0.14 -1.87	45.26 0.18 -0.75	35.76 0.13 -2.23	32.28 0.35 -0.47	29.03 0.20 -0.36	28.07 -0.08 0.00	28.38 -0.03 0.00	29.03 -0.08 -0.71	29.31 -0.20 -1.15	30.09 -0.11 -1.80	35.28 -0.03 -2.57	45.10 -0.58 -4.56	34.02 0.17 -5.36	32.42 0.20 -3.73	31.13 0.23 -1.82	29.61 -0.14 -1.34	28.21 -0.26 -0.09	27.30 -0.28 0.00
ORANGEVILLE_WT_PWR 323706	29.23 -0.75 0.00	28.13 -0.66 0.00	27.42 -0.93 0.00	27.55 -0.91 0.00	27.49 -1.20 -0.19	29.90 -1.18 -0.10	36.42 -1.54 -2.16	42.55 -2.95 -0.81	34.15 -1.84 -2.59	30.71 -1.29 -0.54	27.55 -1.34 -0.42	26.63 -1.52 0.00	26.90 -1.51 0.00	27.38 -1.85 -0.82	27.59 -2.10 -1.34	28.62 -1.88 -2.09	33.16 -2.36 -2.77	42.63 -3.45 -4.97	33.09 -1.62 -6.22	31.37 -1.45 -4.33	29.89 -1.31 -2.11	28.23 -1.73 -1.56	26.67 -1.82 -0.10	26.03 -1.54 0.00
ORANGEVILLE___ESR 323794	29.23 -0.75 0.00	28.13 -0.66 0.00	27.42 -0.93 0.00	27.55 -0.91 0.00	27.49 -1.20 -0.19	29.90 -1.18 -0.10	36.42 -1.54 -2.16	42.55 -2.95 -0.81	34.15 -1.84 -2.59	30.71 -1.29 -0.54	27.55 -1.34 -0.42	26.63 -1.52 0.00	26.90 -1.51 0.00	27.38 -1.85 -0.82	27.59 -2.10 -1.34	28.62 -1.88 -2.09	33.16 -2.36 -2.77	42.63 -3.45 -4.97	33.09 -1.62 -6.22	31.37 -1.45 -4.33	29.89 -1.31 -2.11	28.23 -1.73 -1.56	26.67 -1.82 -0.10	26.03 -1.54 0.00
OSWEGATCHIE___HYD 24044	29.86 -0.12 0.00	28.70 -0.09 0.00	28.35 0.00 0.00	28.41 -0.06 0.00	28.44 -0.09 -0.03	30.90 -0.09 -0.02	36.19 0.00 -0.39	44.98 0.13 -0.16	33.87 0.00 -0.48	31.41 -0.16 -0.10	28.52 -0.03 -0.08	28.12 -0.03 0.00	28.38 -0.03 0.00	28.50 -0.06 -0.15	28.60 0.00 -0.25	28.85 0.06 -0.38	33.29 0.00 -0.55	42.05 0.00 -0.94	29.89 0.26 -1.14	29.46 0.17 -0.79	29.65 0.18 -0.39	28.75 0.06 -0.29	28.37 -0.03 -0.02	27.52 -0.06 0.00
OSWEGO___5 23606	29.44 -0.54 0.00	28.27 -0.52 0.00	27.78 -0.57 0.00	27.92 -0.54 0.00	28.06 -0.54 -0.11	30.33 -0.71 -0.06	36.18 -0.86 -1.24	43.94 -1.25 -0.50	34.02 -0.87 -1.49	30.99 -0.79 -0.31	28.00 -0.71 -0.24	27.36 -0.79 0.00	27.64 -0.77 0.00	28.11 -0.77 -0.47	28.33 -0.79 -0.77	28.84 -0.77 -1.20	33.58 -0.88 -1.72	42.92 -1.11 -2.92	31.36 -0.71 -3.57	30.30 -0.68 -2.49	29.63 -0.67 -1.21	28.56 -0.74 -0.89	27.70 -0.74 -0.06	26.92 -0.66 0.00
OSWEGO___6 23613	29.44 -0.54 0.00	28.27 -0.52 0.00	27.78 -0.57 0.00	27.92 -0.54 0.00	28.06 -0.54 -0.11	30.33 -0.71 -0.06	36.18 -0.86 -1.24	43.94 -1.25 -0.50	34.02 -0.87 -1.49	30.99 -0.79 -0.31	28.00 -0.71 -0.24	27.36 -0.79 0.00	27.64 -0.77 0.00	28.11 -0.77 -0.47	28.33 -0.79 -0.77	28.84 -0.77 -1.20	33.58 -0.88 -1.72	42.92 -1.11 -2.92	31.36 -0.71 -3.57	30.30 -0.68 -2.49	29.63 -0.67 -1.21	28.56 -0.74 -0.89	27.70 -0.74 -0.06	26.92 -0.66 0.00
OUTOKUMPU-AB___DRP 24206	28.69 -1.29 0.00	27.72 -1.07 0.00	26.99 -1.36 0.00	27.07 -1.39 0.00	27.18 -1.48 -0.17	29.55 -1.52 -0.09	35.82 -1.93 -1.96	41.65 -3.75 -0.71	33.53 -2.24 -2.37	30.38 -1.57 -0.49	27.20 -1.65 -0.38	26.12 -2.03 0.00	26.33 -2.07 0.00	27.03 -2.13 -0.75	27.22 -2.35 -1.22	28.27 -2.05 -1.91	32.57 -2.62 -2.45	41.34 -3.95 -4.17	32.32 -1.85 -5.68	30.23 -2.22 -3.95	29.47 -1.54 -1.93	27.78 -2.05 -1.42	26.37 -2.10 -0.09	25.65 -1.93 0.00
OXBOW____ 24026	28.45 -1.53 0.00	27.46 -1.32 0.00	26.74 -1.61 0.00	26.87 -1.59 0.00	27.01 -1.65 -0.17	29.37 -1.70 -0.09	35.56 -2.18 -1.95	41.28 -4.11 -0.70	33.26 -2.47 -2.34	30.06 -1.89 -0.49	26.96 -1.88 -0.38	25.95 -2.20 0.00	26.22 -2.19 0.00	26.79 -2.36 -0.74	27.01 -2.55 -1.21	28.04 -2.24 -1.88	32.25 -2.88 -2.39	41.23 -4.28 -4.39	32.04 -2.05 -5.60	30.46 -1.94 -3.90	29.24 -1.74 -1.90	27.54 -2.27 -1.40	26.18 -2.30 -0.09	25.43 -2.15 0.00
OXY_CHEM_DSASP 323612	28.09 -1.89 0.00	27.09 -1.70 0.00	26.39 -1.96 0.00	26.50 -1.96 0.00	26.73 -1.94 -0.17	29.03 -2.04 -0.09	35.13 -2.61 -1.94	40.65 -4.74 -0.70	32.80 -2.94 -2.35	29.72 -2.23 -0.49	26.60 -2.25 -0.38	25.45 -2.70 0.00	25.68 -2.73 0.00	26.45 -2.70 -0.75	26.67 -2.89 -1.21	27.71 -2.59 -1.89	31.82 -3.31 -2.38	40.25 -4.93 -4.07	31.68 -2.45 -5.63	29.62 -2.79 -3.92	28.87 -2.12 -1.91	27.20 -2.61 -1.41	25.89 -2.58 -0.09	25.10 -2.48 0.00
OZONE_PARK_ESR 323760	32.20 2.22 0.00	30.78 1.99 0.00	30.08 1.73 0.00	30.09 1.62 0.00	31.16 2.02 -0.64	33.74 2.42 -0.35	46.30 3.11 -7.39	51.93 4.25 -3.00	45.47 3.14 -8.94	36.47 3.15 -1.86	32.76 2.85 -1.44	30.82 2.67 0.00	31.02 2.61 0.00	33.88 2.64 -2.83	35.46 2.49 -4.62	38.15 2.56 -7.19	46.05 3.01 -10.29	62.37 3.99 -17.27	52.72 2.79 -21.43	46.03 2.62 -14.92	39.05 2.70 -7.26	36.22 2.44 -5.37	31.09 2.36 -0.36	29.54 1.96 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.09 -1.89 0.00	27.09 -1.70 0.00	26.39 -1.96 0.00	26.50 -1.96 0.00	26.73 -1.94 -0.17	29.03 -2.04 -0.09	35.13 -2.61 -1.94	40.65 -4.74 -0.70	32.80 -2.94 -2.35	29.72 -2.23 -0.49	26.60 -2.25 -0.38	25.45 -2.70 0.00	25.68 -2.73 0.00	26.45 -2.70 -0.75	26.67 -2.89 -1.21	27.71 -2.59 -1.89	31.82 -3.31 -2.38	40.25 -4.93 -4.07	31.68 -2.45 -5.63	29.62 -2.79 -3.92	28.87 -2.12 -1.91	27.20 -2.61 -1.41	25.89 -2.58 -0.09	25.10 -2.48 0.00
PACKARD__115KV_DUPONT_184 80571	28.09 -1.89 0.00	27.09 -1.70 0.00	26.39 -1.96 0.00	26.50 -1.96 0.00	26.73 -1.94 -0.17	29.03 -2.04 -0.09	35.13 -2.61 -1.94	40.65 -4.74 -0.70	32.80 -2.94 -2.35	29.72 -2.23 -0.49	26.60 -2.25 -0.38	25.45 -2.70 0.00	25.68 -2.73 0.00	26.45 -2.70 -0.75	26.67 -2.89 -1.21	27.71 -2.59 -1.89	31.82 -3.31 -2.38	40.25 -4.93 -4.07	31.68 -2.45 -5.63	29.62 -2.79 -3.92	28.87 -2.12 -1.91	27.20 -2.61 -1.41	25.89 -2.58 -0.09	25.10 -2.48 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.17 2.19 0.00	30.75 1.96 0.00	30.02 1.67 0.00	29.98 1.51 0.00	31.07 1.94 -0.64	33.37 2.04 -0.35	45.76 2.58 -7.39	51.35 3.66 -3.00	45.07 2.74 -8.94	36.09 2.77 -1.86	32.41 2.51 -1.44	30.51 2.36 0.00	30.71 2.30 0.00	33.54 2.30 -2.83	35.12 2.15 -4.62	37.81 2.22 -7.19	45.66 2.62 -10.30	61.84 3.45 -17.27	52.35 2.42 -21.43	45.67 2.25 -14.92	38.59 2.24 -7.27	35.85 2.07 -5.37	30.75 2.01 -0.36	29.34 1.76 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.47 2.49 0.00	31.03 2.25 0.00	30.31 1.96 0.00	30.26 1.79 0.00	31.33 2.19 -0.64	33.65 2.32 -0.35	46.09 2.90 -7.39	51.75 4.07 -3.00	45.34 3.01 -8.94	36.35 3.02 -1.86	32.61 2.70 -1.44	30.71 2.56 0.00	30.91 2.50 0.00	33.74 2.50 -2.83	35.32 2.35 -4.62	38.01 2.41 -7.19	45.89 2.85 -10.30	62.13 3.74 -17.27	52.58 2.65 -21.43	45.89 2.48 -14.92	38.82 2.47 -7.27	36.07 2.30 -5.37	30.98 2.24 -0.36	29.56 1.99 0.00
PATROON__115KV_TB1 80586	30.91 0.93 0.00	29.71 0.92 0.00	29.14 0.79 0.00	29.24 0.77 0.00	30.27 0.97 -0.81	32.69 1.27 -0.44	46.48 1.36 -9.33	50.08 1.61 -3.78	45.94 1.27 -11.28	35.01 1.20 -2.35	31.34 1.05 -1.82	29.14 0.99 0.00	29.46 1.05 0.00	33.06 1.08 -3.58	35.28 1.11 -5.82	38.61 1.14 -9.07	47.01 1.28 -12.99	64.87 1.60 -22.15	56.68 1.14 -27.04	48.43 1.11 -18.83	39.42 1.16 -9.17	36.23 1.05 -6.77	29.91 1.08 -0.45	28.43 0.85 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.08 -0.90 0.00	28.04 -0.75 0.00	27.27 -1.08 0.00	27.36 -1.11 0.00	26.82 -1.85 -0.18	29.22 -1.86 -0.10	35.62 -2.22 -2.04	41.73 -3.71 -0.75	33.46 -2.40 -2.47	30.22 -1.76 -0.51	27.04 -1.82 -0.40	26.57 -1.58 0.00	26.79 -1.62 0.00	26.86 -2.33 -0.78	27.05 -2.58 -1.28	28.01 -2.39 -1.99	32.58 -2.75 -2.59	41.72 -3.78 -4.39	32.45 -1.97 -5.92	30.31 -2.31 -4.12	29.35 -1.75 -2.01	27.65 -2.24 -1.48	26.15 -2.33 -0.10	26.03 -1.54 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.05 2.07 0.00	30.75 1.96 0.00	30.05 1.70 0.00	30.12 1.65 0.00	31.14 1.99 -0.65	33.75 2.42 -0.35	46.39 3.08 -7.52	51.71 3.98 -3.05	45.33 2.84 -9.09	36.06 2.71 -1.89	32.35 2.42 -1.47	30.35 2.20 0.00	30.71 2.30 0.00	33.68 2.39 -2.88	35.34 2.30 -4.70	38.05 2.33 -7.31	45.90 2.68 -10.47	62.29 3.54 -17.64	52.80 2.51 -21.80	46.01 2.34 -15.18	38.86 2.38 -7.39	36.02 2.16 -5.46	30.70 1.96 -0.36	29.23 1.65 0.00
PEEKSKILL____ 23653	31.78 1.80 0.00	30.43 1.64 0.00	29.77 1.42 0.00	30.06 1.59 0.00	30.81 1.68 -0.63	33.40 2.08 -0.35	45.73 2.61 -7.32	51.14 3.49 -2.97	44.70 2.57 -8.73	35.83 2.55 -1.82	32.18 2.30 -1.41	30.32 2.17 0.00	30.62 2.22 0.00	33.36 2.19 -2.77	34.90 2.04 -4.51	37.50 2.07 -7.02	45.26 2.46 -10.06	61.43 3.21 -17.11	51.74 2.31 -20.94	45.27 2.19 -14.58	38.39 2.21 -7.10	35.64 1.99 -5.24	30.63 1.90 -0.35	29.15 1.57 0.00
PGE MADISON__WINDPWR 24146	32.83 2.85 0.00	31.73 2.94 0.00	30.93 2.58 0.00	31.11 2.65 0.00	31.26 2.51 -0.26	34.09 2.97 -0.14	42.51 3.76 -2.95	49.98 4.11 -1.19	40.01 3.04 -3.58	34.79 2.58 -0.74	31.21 2.16 -0.58	30.09 1.94 0.00	30.57 2.16 0.00	31.56 2.02 -1.13	32.30 2.10 -1.85	33.58 2.30 -2.88	39.85 3.01 -4.09	51.87 3.74 -7.01	40.04 2.96 -8.58	37.26 2.79 -5.97	34.70 2.71 -2.91	32.69 2.13 -2.15	30.45 1.93 -0.14	29.32 1.74 0.00
PIERCEFIELD__HYD 23852	29.95 -0.03 0.00	28.76 -0.03 0.00	28.52 0.17 0.00	28.69 0.23 0.00	28.51 0.00 -0.02	31.02 0.03 -0.01	36.12 0.11 -0.21	45.36 0.58 -0.09	34.00 0.33 -0.27	31.65 0.13 -0.06	28.65 0.14 -0.04	28.43 0.28 0.00	28.69 0.28 0.00	28.69 0.20 -0.09	28.74 0.26 -0.14	28.85 0.23 -0.22	33.28 0.23 -0.31	41.97 0.33 -0.52	29.37 0.23 -0.64	29.17 0.23 -0.45	29.45 0.15 -0.22	28.68 0.11 -0.16	28.45 0.06 -0.01	27.66 0.08 0.00
PINELAWN_CC_1 323563	40.46 2.52 -7.96	39.95 2.33 -8.83	38.08 2.10 -7.63	38.08 2.28 -7.33	39.09 2.36 -8.23	41.06 2.85 -7.24	50.08 3.15 -11.13	65.26 3.80 -16.77	46.83 3.07 -10.37	41.60 3.12 -7.02	42.31 2.79 -11.05	41.67 2.65 -10.88	42.14 2.67 -11.06	42.46 2.64 -11.41	42.87 2.50 -12.03	44.45 2.47 -13.57	64.04 2.98 -28.32	77.31 3.66 -32.54	70.59 2.62 -39.48	63.29 2.54 -32.26	51.42 2.67 -19.66	47.25 2.41 -16.43	43.78 2.64 -12.76	41.64 2.26 -11.80
PJM_GEN_HTP_PROXY 323702	31.96 1.98 0.00	30.57 1.79 0.00	29.88 1.53 0.00	30.20 1.74 0.00	30.96 1.83 -0.64	33.56 2.23 -0.35	46.01 2.83 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.16 2.86 -1.84	32.51 2.62 -1.42	30.63 2.48 0.00	30.85 2.44 0.00	33.62 2.41 -2.80	35.15 2.24 -4.56	37.80 2.30 -7.09	45.62 2.72 -10.16	61.97 3.58 -17.28	52.15 2.51 -21.15	45.61 2.39 -14.72	38.70 2.44 -7.17	35.92 2.22 -5.30	30.86 2.13 -0.35	29.34 1.77 0.00
PJM_GEN_KEystone 24065	30.40 0.42 0.00	29.19 0.40 0.00	28.49 0.14 0.00	28.72 0.26 0.00	29.06 0.14 -0.42	31.55 0.34 -0.23	41.12 0.46 -4.86	46.91 0.27 -1.95	39.55 0.37 -5.79	33.27 0.60 -1.21	29.88 0.48 -0.93	28.54 0.39 0.00	28.81 0.40 0.00	30.44 0.20 -1.84	31.34 0.00 -2.99	33.15 0.09 -4.66	39.48 0.13 -6.61	52.55 0.08 -11.35	42.81 0.43 -13.89	38.56 0.40 -9.67	34.23 0.44 -4.71	32.03 0.14 -3.48	28.67 0.06 -0.23	27.66 0.08 0.00
PJM_GEN_NEPTUNE_PROXY 323594	40.28 2.34 -7.96	39.78 2.16 -8.83	37.91 1.93 -7.63	37.91 2.11 -7.33	38.92 2.19 -8.23	40.85 2.63 -7.24	50.18 3.26 -11.13	64.74 4.29 -15.77	46.97 3.21 -10.37	41.66 3.18 -7.02	42.39 2.87 -11.05	41.76 2.73 -10.88	42.22 2.75 -11.06	42.55 2.73 -11.41	42.96 2.58 -12.03	44.59 2.61 -13.57	64.14 3.08 -28.32	77.64 3.99 -32.54	70.79 2.82 -39.47	63.47 2.71 -32.26	51.47 2.73 -19.66	47.37 2.53 -16.43	43.58 2.44 -12.76	41.47 2.09 -11.80
PJM_GEN_VFT_PROXY 323633	31.84 1.86 0.00	30.40 1.61 0.00	29.71 1.36 0.00	30.06 1.59 0.00	30.84 1.71 -0.64	33.40 2.08 -0.35	45.87 2.69 -7.39	51.35 3.67 -3.00	44.95 2.74 -8.82	36.07 2.77 -1.84	32.42 2.53 -1.42	30.54 2.39 0.00	30.76 2.36 0.00	33.51 2.30 -2.80	35.06 2.15 -4.56	37.69 2.19 -7.09	45.46 2.56 -10.16	61.77 3.37 -17.28	52.04 2.39 -21.15	45.50 2.28 -14.72	38.58 2.33 -7.17	35.81 2.10 -5.30	30.78 2.04 -0.35	29.23 1.65 0.00

PLATSBRG_115KV_PMLD1 355749	30.88 0.90 0.00	29.57 0.78 0.00	29.29 0.94 0.00	29.46 1.00 0.00	29.24 0.74 0.00	31.88 0.90 0.00	36.87 1.07 0.00	46.30 1.61 0.00	34.50 1.10 0.00	32.38 0.91 0.00	29.29 0.83 0.00	29.11 0.96 0.00	29.34 0.94 0.00	29.20 0.80 0.00	29.09 0.74 0.00	29.00 0.60 0.00	33.37 0.62 0.00	41.94 0.82 0.00	28.92 0.43 0.00	28.95 0.46 0.00	29.52 0.44 0.00	28.78 0.37 0.00	28.58 0.20 0.00	27.74 0.17 0.00
PLEASANTVLY___LBMP 24000	31.63 1.65 0.00	30.31 1.53 0.00	29.68 1.33 0.00	29.72 1.25 0.00	30.74 1.57 -0.67	33.27 1.92 -0.37	45.91 2.33 -7.79	50.84 2.99 -3.16	45.08 2.27 -9.42	35.66 2.23 -1.96	32.04 2.05 -1.52	30.04 1.89 0.00	30.31 1.90 0.00	33.33 1.93 -2.99	35.06 1.84 -4.86	37.86 1.87 -7.57	45.82 2.23 -10.85	62.23 2.84 -18.28	53.10 2.02 -22.58	46.15 1.94 -15.72	38.72 1.98 -7.66	35.88 1.82 -5.65	30.52 1.76 -0.38	29.04 1.46 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.78 1.80 0.00	30.46 1.67 0.00	29.80 1.45 0.00	29.83 1.37 0.00	30.86 1.71 -0.65	33.44 2.11 -0.36	45.95 2.61 -7.54	51.19 3.44 -3.06	45.09 2.57 -9.12	35.88 2.52 -1.90	32.22 2.28 -1.47	30.29 2.14 0.00	30.54 2.13 0.00	33.46 2.16 -2.89	35.13 2.07 -4.71	37.84 2.10 -7.34	45.74 2.49 -10.51	61.92 3.21 -17.60	52.65 2.28 -21.87	45.89 2.17 -15.23	38.71 2.21 -7.41	35.90 2.02 -5.48	30.67 1.93 -0.37	29.18 1.60 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.78 1.80 0.00	30.46 1.67 0.00	29.80 1.45 0.00	29.83 1.37 0.00	30.86 1.71 -0.65	33.44 2.11 -0.36	45.95 2.61 -7.54	51.19 3.44 -3.06	45.09 2.57 -9.12	35.88 2.52 -1.90	32.22 2.28 -1.47	30.29 2.14 0.00	30.54 2.13 0.00	33.46 2.16 -2.89	35.13 2.07 -4.71	37.84 2.10 -7.34	45.74 2.49 -10.51	61.92 3.21 -17.60	52.65 2.28 -21.87	45.89 2.17 -15.23	38.71 2.21 -7.41	35.90 2.02 -5.48	30.67 1.93 -0.37	29.18 1.60 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.93 1.95 0.00	30.60 1.81 0.00	29.94 1.59 0.00	30.00 1.54 0.00	31.03 1.88 -0.65	33.57 2.23 -0.36	46.12 2.76 -7.56	51.24 3.49 -3.07	45.08 2.54 -9.15	35.76 2.39 -1.90	32.08 2.13 -1.48	30.12 1.97 0.00	30.40 1.99 0.00	33.41 2.10 -2.90	35.12 2.04 -4.72	37.84 2.07 -7.36	45.73 2.46 -10.54	62.17 3.21 -17.85	52.74 2.31 -21.93	45.93 2.17 -15.27	38.70 2.18 -7.44	35.89 1.99 -5.49	30.62 1.87 -0.37	29.15 1.57 0.00
POLETTI____ 23519	31.79 1.89 0.08	30.49 1.70 0.00	29.80 1.45 0.00	29.80 1.34 0.00	30.87 1.74 -0.64	31.82 2.14 1.30	31.79 2.72 6.73	43.21 3.75 5.24	37.52 2.77 -1.36	35.16 2.80 -0.89	32.43 2.53 -1.43	30.53 2.39 0.02	30.72 2.33 0.02	33.58 2.36 -2.82	35.16 2.21 -4.60	37.82 2.24 -7.17	39.98 2.65 -4.58	57.64 3.49 -13.03	48.11 2.45 -17.17	41.50 2.28 -10.73	38.65 2.36 -7.21	35.89 2.13 -5.35	30.79 2.07 -0.34	29.26 1.68 0.00
POMONA___ESR 323819	31.78 1.80 0.00	30.43 1.64 0.00	29.77 1.42 0.00	30.06 1.59 0.00	30.79 1.68 -0.61	33.36 2.04 -0.34	45.56 2.65 -7.11	51.06 3.49 -2.88	44.43 2.57 -8.47	35.81 2.58 -1.76	32.14 2.30 -1.37	30.32 2.17 0.00	30.60 2.19 0.00	33.28 2.19 -2.69	34.77 2.04 -4.37	37.26 2.05 -6.81	44.98 2.49 -9.75	60.99 3.29 -16.59	51.13 2.34 -20.30	44.88 2.25 -14.13	38.18 2.21 -6.88	35.51 2.02 -5.08	30.62 1.90 -0.34	29.18 1.60 0.00
PORT_JEFF_3 23555	40.58 2.64 -7.96	40.10 2.48 -8.83	38.19 2.21 -7.63	38.19 2.39 -7.33	39.20 2.48 -8.23	41.19 2.97 -7.24	50.77 3.72 -11.25	88.39 4.65 -39.06	47.41 3.61 -10.41	42.07 3.59 -7.02	42.71 3.19 -11.05	42.04 3.01 -10.88	42.54 3.07 -11.06	42.86 3.04 -11.41	43.30 2.92 -12.03	44.88 2.87 -13.61	64.31 3.24 -28.32	77.89 4.20 -32.58	71.08 2.99 -39.60	63.65 2.85 -32.30	51.72 2.94 -19.70	47.64 2.75 -16.47	43.83 2.70 -12.76	41.66 2.29 -11.80
PORT_JEFF_4 23616	40.58 2.64 -7.96	40.10 2.48 -8.83	38.19 2.21 -7.63	38.19 2.39 -7.33	39.20 2.48 -8.23	41.19 2.97 -7.24	50.77 3.72 -11.25	88.39 4.65 -39.06	47.41 3.61 -10.41	42.07 3.59 -7.02	42.71 3.19 -11.05	42.04 3.01 -10.88	42.54 3.07 -11.06	42.86 3.04 -11.41	43.30 2.92 -12.03	44.88 2.87 -13.61	64.31 3.24 -28.32	77.89 4.20 -32.58	71.08 2.99 -39.60	63.65 2.85 -32.30	51.72 2.94 -19.70	47.64 2.75 -16.47	43.83 2.70 -12.76	41.66 2.29 -11.80
PORT_JEFF_IC 23713	40.61 2.67 -7.96	40.15 2.53 -8.83	38.22 2.24 -7.63	38.22 2.42 -7.33	39.26 2.54 -8.23	41.22 3.00 -7.24	50.85 3.79 -11.26	89.78 4.78 -40.30	47.48 3.67 -10.41	42.10 3.62 -7.02	42.76 3.24 -11.05	42.10 3.07 -10.88	42.57 3.10 -11.06	42.89 3.07 -11.41	43.33 2.95 -12.03	44.94 2.93 -13.61	64.44 3.37 -28.32	78.10 4.40 -32.58	71.20 3.11 -39.60	63.76 2.96 -32.31	51.81 3.02 -19.70	47.72 2.84 -16.48	43.89 2.75 -12.76	41.72 2.34 -11.80
PPL PILGRIM_ST_GT1 24216	40.61 2.67 -7.96	40.12 2.50 -8.83	38.19 2.21 -7.63	38.22 2.42 -7.33	39.23 2.51 -8.23	41.25 3.04 -7.24	50.27 3.33 -11.14	66.83 4.07 -18.08	47.13 3.37 -10.37	42.04 3.55 -7.02	42.68 3.16 -11.05	42.04 3.01 -10.88	42.51 3.04 -11.06	42.80 2.98 -11.41	43.24 2.86 -12.03	44.54 2.56 -13.57	64.37 3.31 -28.32	77.64 3.99 -32.54	70.80 2.82 -39.48	63.70 2.94 -32.27	51.77 3.02 -19.66	47.40 2.56 -16.44	43.89 2.75 -12.76	41.77 2.40 -11.80
PPL PILGRIM_ST_GT2 24217	40.61 2.67 -7.96	40.12 2.50 -8.83	38.19 2.21 -7.63	38.22 2.42 -7.33	39.23 2.51 -8.23	41.25 3.04 -7.24	50.27 3.33 -11.14	66.83 4.07 -18.08	47.13 3.37 -10.37	42.04 3.55 -7.02	42.68 3.16 -11.05	42.04 3.01 -10.88	42.51 3.04 -11.06	42.80 2.98 -11.41	43.24 2.86 -12.03	44.54 2.56 -13.57	64.37 3.31 -28.32	77.64 3.99 -32.54	70.80 2.82 -39.48	63.70 2.94 -32.27	51.77 3.02 -19.66	47.40 2.56 -16.44	43.89 2.75 -12.76	41.77 2.40 -11.80
PPL_SHRM_GT3 24213	40.73 2.79 -7.96	40.27 2.65 -8.83	38.33 2.35 -7.63	38.33 2.53 -7.33	39.37 2.65 -8.23	41.38 3.16 -7.24	51.06 4.01 -11.25	88.59 5.00 -38.89	47.67 3.87 -10.41	42.26 3.77 -7.02	42.85 3.33 -11.05	42.15 3.12 -10.88	42.65 3.18 -11.06	43.00 3.18 -11.41	43.44 3.06 -12.03	45.14 3.12 -13.61	64.76 3.70 -28.32	78.54 4.85 -32.58	71.54 3.45 -39.60	64.07 3.28 -32.30	52.13 3.34 -19.70	47.95 3.07 -16.47	44.06 2.92 -12.76	41.86 2.48 -11.80
PPL_SHRM_GT4 24214	40.73 2.79 -7.96	40.27 2.65 -8.83	38.33 2.35 -7.63	38.33 2.53 -7.33	39.37 2.65 -8.23	41.38 3.16 -7.24	51.06 4.01 -11.25	88.59 5.00 -38.89	47.67 3.87 -10.41	42.26 3.77 -7.02	42.85 3.33 -11.05	42.15 3.12 -10.88	42.65 3.18 -11.06	43.00 3.18 -11.41	43.44 3.06 -12.03	45.14 3.12 -13.61	64.76 3.70 -28.32	78.54 4.85 -32.58	71.54 3.45 -39.60	64.07 3.28 -32.30	52.13 3.34 -19.70	47.95 3.07 -16.47	44.06 2.92 -12.76	41.86 2.48 -11.80
PROJECT___ORANGE I 24174	29.83 -0.15 0.00	28.67 -0.12 0.00	28.15 -0.20 0.00	28.24 -0.23 0.00	28.45 -0.17 -0.12	30.74 -0.31 -0.07	36.79 -0.43 -1.42	44.55 -0.71 -0.58	34.68 -0.43 -1.72	31.48 -0.35 -0.36	28.49 -0.26 -0.28	27.73 -0.42 0.00	28.01 -0.40 0.00	28.58 -0.37 -0.55	28.84 -0.40 -0.89	29.45 -0.34 -1.38	34.26 -0.46 -1.98	43.90 -0.58 -3.36	32.28 -0.34 -4.12	31.02 -0.34 -2.87	30.28 -0.20 -1.40	29.10 -0.34 -1.03	28.08 -0.37 -0.07	27.25 -0.33 0.00

PROJECT___ORANGE 2 24166	29.83 -0.15 0.00	28.67 -0.12 0.00	28.15 -0.20 0.00	28.24 -0.23 0.00	28.45 -0.17 -0.12	30.74 -0.31 -0.07	36.79 -0.43 -1.42	44.55 -0.71 -0.58	34.68 -0.43 -1.72	31.48 -0.35 -0.36	28.49 -0.26 -0.28	27.73 -0.42 0.00	28.01 -0.40 0.00	28.58 -0.37 -0.55	28.84 -0.40 -0.89	29.45 -0.34 -1.38	34.26 -0.46 -1.98	43.90 -0.58 -3.36	32.28 -0.34 -4.12	31.02 -0.34 -2.87	30.28 -0.20 -1.40	29.10 -0.34 -1.03	28.08 -0.37 -0.07	27.25 -0.33 0.00
PUCKETT___SOLAR 323809	30.97 0.99 0.00	29.80 1.01 0.00	29.17 0.82 0.00	29.38 0.91 0.00	29.54 0.77 -0.27	32.09 0.96 -0.15	40.19 1.25 -3.14	47.16 1.21 -1.27	38.19 0.97 -3.82	33.14 0.88 -0.80	29.77 0.68 -0.62	28.71 0.56 0.00	29.06 0.65 0.00	30.19 0.57 -1.21	30.84 0.51 -1.97	32.14 0.65 -3.08	38.00 0.88 -4.37	49.72 1.11 -7.49	38.66 1.00 -9.17	35.85 0.97 -6.38	33.18 0.99 -3.11	31.38 0.68 -2.30	29.10 0.57 -0.15	28.13 0.55 0.00
PYRITES___HYD 24023	30.37 0.39 0.00	29.19 0.40 0.00	28.95 0.60 0.00	29.12 0.65 0.00	28.91 0.40 -0.02	31.52 0.53 -0.01	36.78 0.79 -0.20	46.25 1.47 -0.08	34.58 0.94 -0.25	32.14 0.63 -0.05	29.08 0.57 -0.04	28.83 0.68 0.00	29.12 0.71 0.00	29.11 0.62 -0.08	29.19 0.71 -0.13	29.29 0.68 -0.20	33.85 0.82 -0.29	42.71 1.11 -0.49	29.89 0.80 -0.60	29.68 0.77 -0.42	29.93 0.64 -0.20	29.13 0.57 -0.15	28.87 0.48 -0.01	28.07 0.50 0.00
QUAKERRD_115KV_BK1 80622	28.75 -1.23 0.00	27.67 -1.12 0.00	27.08 -1.28 0.00	27.21 -1.25 0.00	27.53 -1.11 -0.15	29.88 -1.18 -0.08	36.03 -1.47 -1.70	43.01 -2.37 -0.69	33.98 -1.47 -2.05	30.66 -1.23 -0.43	27.63 -1.17 -0.33	26.60 -1.55 0.00	26.85 -1.56 0.00	27.67 -1.39 -0.65	27.94 -1.47 -1.06	28.72 -1.34 -1.65	33.52 -1.60 -2.38	42.49 -2.67 -4.05	32.19 -1.23 -4.92	30.50 -1.42 -3.43	29.59 -1.16 -1.67	28.22 -1.42 -1.23	27.01 -1.45 -0.08	26.03 -1.54 0.00
QUENSBRY_115KV_TB8 356137	31.75 1.77 0.00	30.52 1.73 0.00	29.94 1.59 0.00	30.03 1.57 0.00	31.26 1.94 -0.83	33.85 2.42 -0.45	48.41 3.04 -9.57	52.05 3.49 -3.88	47.50 2.54 -11.57	36.20 2.33 -2.41	32.24 1.91 -1.87	29.78 1.63 0.00	30.23 1.82 0.00	33.95 1.87 -3.67	36.23 1.90 -5.98	39.50 1.79 -9.31	48.07 2.00 -13.33	66.63 2.80 -22.72	58.21 1.97 -27.75	49.58 1.77 -19.32	40.24 1.75 -9.41	36.75 1.39 -6.95	30.55 1.70 -0.46	29.12 1.54 0.00
RAMAPO___LBMP 323565	31.66 1.68 0.00	30.34 1.55 0.00	29.66 1.30 0.00	29.72 1.25 0.00	30.67 1.57 -0.61	33.23 1.92 -0.33	45.32 2.43 -7.09	50.83 3.26 -2.88	44.37 2.40 -8.57	35.64 2.39 -1.79	32.01 2.16 -1.38	30.18 2.03 0.00	30.42 2.02 0.00	33.17 2.05 -2.72	34.68 1.90 -4.43	37.20 1.90 -6.89	44.94 2.32 -9.87	60.69 3.04 -16.53	51.25 2.19 -20.56	44.86 2.05 -14.31	38.15 2.09 -6.97	35.43 1.87 -5.15	30.51 1.79 -0.34	29.07 1.49 0.00
RANKINE____ 23646	28.99 -0.99 0.00	27.95 -0.83 0.00	27.22 -1.13 0.00	27.30 -1.17 0.00	27.22 -1.45 -0.17	29.59 -1.49 -0.10	35.99 -1.83 -2.02	41.94 -3.49 -0.74	33.70 -2.14 -2.44	30.49 -1.48 -0.51	27.30 -1.57 -0.39	26.40 -1.75 0.00	26.62 -1.79 0.00	27.11 -2.07 -0.78	27.32 -2.30 -1.26	28.33 -2.05 -1.97	32.77 -2.52 -2.54	41.74 -3.70 -4.33	32.62 -1.74 -5.86	30.49 -2.08 -4.08	29.62 -1.45 -1.99	27.91 -1.96 -1.47	26.46 -2.01 -0.10	25.90 -1.68 0.00
RAVENSWOOD_GT2_1 24244	31.99 2.01 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.56 2.23 -0.35	46.02 2.83 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.19 2.86 -1.86	32.53 2.62 -1.44	30.60 2.45 0.00	30.82 2.41 0.00	33.66 2.41 -2.83	35.23 2.27 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.30	61.96 3.58 -17.27	52.46 2.54 -21.43	45.78 2.37 -14.92	38.79 2.44 -7.27	35.99 2.22 -5.37	30.87 2.13 -0.36	29.37 1.79 0.00
RAVENSWOOD_GT2_2 24245	31.99 2.01 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.56 2.23 -0.35	46.02 2.83 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.19 2.86 -1.86	32.53 2.62 -1.44	30.60 2.45 0.00	30.82 2.41 0.00	33.66 2.41 -2.83	35.23 2.27 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.30	61.96 3.58 -17.27	52.46 2.54 -21.43	45.78 2.37 -14.92	38.79 2.44 -7.27	35.99 2.22 -5.37	30.87 2.13 -0.36	29.37 1.79 0.00
RAVENSWOOD_GT2_3 24246	32.02 2.04 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.95 1.48 0.00	31.01 1.88 -0.64	33.56 2.23 -0.35	46.05 2.86 -7.39	51.57 3.89 -3.00	45.20 2.87 -8.94	36.22 2.89 -1.86	32.53 2.62 -1.44	30.63 2.48 0.00	30.82 2.41 0.00	33.69 2.44 -2.83	35.26 2.30 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.30	62.00 3.62 -17.27	52.49 2.56 -21.43	45.81 2.39 -14.92	38.79 2.44 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.37 1.79 0.00
RAVENSWOOD_GT2_4 24247	32.02 2.04 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.95 1.48 0.00	31.01 1.88 -0.64	33.56 2.23 -0.35	46.05 2.86 -7.39	51.57 3.89 -3.00	45.20 2.87 -8.94	36.22 2.89 -1.86	32.53 2.62 -1.44	30.63 2.48 0.00	30.82 2.41 0.00	33.69 2.44 -2.83	35.26 2.30 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.30	62.00 3.62 -17.27	52.49 2.56 -21.43	45.81 2.39 -14.92	38.79 2.44 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.37 1.79 0.00
RAVENSWOOD_GT3_1 24248	31.99 2.01 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.56 2.23 -0.35	46.02 2.83 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.19 2.86 -1.86	32.53 2.62 -1.44	30.60 2.45 0.00	30.82 2.41 0.00	33.66 2.41 -2.83	35.23 2.27 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.30	62.00 3.62 -17.27	52.46 2.54 -21.43	45.78 2.37 -14.92	38.79 2.44 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.37 1.79 0.00
RAVENSWOOD_GT3_2 24249	31.99 2.01 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.56 2.23 -0.35	46.02 2.83 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.19 2.86 -1.86	32.53 2.62 -1.44	30.60 2.45 0.00	30.82 2.41 0.00	33.66 2.41 -2.83	35.23 2.27 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.30	62.00 3.62 -17.27	52.46 2.54 -21.43	45.78 2.37 -14.92	38.79 2.44 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.37 1.79 0.00
RAVENSWOOD_GT3_3 24250	32.02 2.04 0.00	30.63 1.84 0.00	29.94 1.59 0.00	29.95 1.48 0.00	31.01 1.88 -0.64	33.59 2.26 -0.35	46.05 2.86 -7.39	51.62 3.93 -3.00	45.24 2.91 -8.94	36.25 2.93 -1.86	32.56 2.65 -1.44	30.66 2.51 0.00	30.85 2.44 0.00	33.71 2.47 -2.83	35.29 2.32 -4.62	37.95 2.36 -7.19	45.82 2.78 -10.30	62.04 3.66 -17.27	52.52 2.59 -21.43	45.84 2.42 -14.92	38.82 2.47 -7.27	36.02 2.24 -5.37	30.92 2.19 -0.36	29.40 1.82 0.00
RAVENSWOOD_GT3_4 24251	32.02 2.04 0.00	30.63 1.84 0.00	29.94 1.59 0.00	29.95 1.48 0.00	31.01 1.88 -0.64	33.59 2.26 -0.35	46.05 2.86 -7.39	51.62 3.93 -3.00	45.24 2.91 -8.94	36.25 2.93 -1.86	32.56 2.65 -1.44	30.66 2.51 0.00	30.85 2.44 0.00	33.71 2.47 -2.83	35.29 2.32 -4.62	37.95 2.36 -7.19	45.82 2.78 -10.30	62.04 3.66 -17.27	52.52 2.59 -21.43	45.84 2.42 -14.92	38.82 2.47 -7.27	36.02 2.24 -5.37	30.92 2.19 -0.36	29.40 1.82 0.00

RAVENSWOOD_GT_1 23729	32.14 2.16 0.00	30.75 1.96 0.00	30.02 1.67 0.00	30.00 1.54 0.00	31.10 1.97 -0.64	33.56 2.23 -0.35	46.02 2.83 -7.39	51.62 3.93 -3.00	45.27 2.94 -8.94	36.28 2.96 -1.86	32.58 2.68 -1.44	30.68 2.53 0.00	30.88 2.47 0.00	33.71 2.47 -2.83	35.32 2.35 -4.62	37.98 2.39 -7.19	45.85 2.82 -10.30	62.13 3.74 -17.27	52.52 2.59 -21.43	45.84 2.42 -14.92	38.79 2.44 -7.27	36.02 2.24 -5.37	30.92 2.19 -0.36	29.43 1.85 0.00
RAVENSWOOD_GT_10 24258	31.99 2.01 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.56 2.23 -0.35	46.02 2.83 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.19 2.86 -1.86	32.53 2.62 -1.44	30.60 2.45 0.00	30.82 2.41 0.00	33.66 2.41 -2.83	35.23 2.27 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.30	62.00 3.62 -17.27	52.46 2.54 -21.43	45.78 2.37 -14.92	38.79 2.44 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.37 1.79 0.00
RAVENSWOOD_GT_11 24259	31.99 2.01 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.56 2.23 -0.35	46.02 2.83 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.19 2.86 -1.86	32.53 2.62 -1.44	30.60 2.45 0.00	30.82 2.41 0.00	33.66 2.41 -2.83	35.23 2.27 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.30	62.00 3.62 -17.27	52.46 2.54 -21.43	45.78 2.37 -14.92	38.79 2.44 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.37 1.79 0.00
RAVENSWOOD_GT_4 24252	31.99 2.01 0.00	30.57 1.78 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.56 2.23 -0.35	46.05 2.86 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.19 2.86 -1.86	32.53 2.62 -1.44	30.60 2.45 0.00	30.79 2.39 0.00	33.66 2.41 -2.83	35.23 2.27 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.30	61.96 3.58 -17.27	52.46 2.54 -21.43	45.78 2.37 -14.92	38.79 2.44 -7.27	35.99 2.22 -5.37	30.87 2.13 -0.36	29.34 1.76 0.00
RAVENSWOOD_GT_5 24254	31.99 2.01 0.00	30.57 1.78 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.56 2.23 -0.35	46.05 2.86 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.19 2.86 -1.86	32.53 2.62 -1.44	30.60 2.45 0.00	30.79 2.39 0.00	33.66 2.41 -2.83	35.23 2.27 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.30	61.96 3.58 -17.27	52.46 2.54 -21.43	45.78 2.37 -14.92	38.79 2.44 -7.27	35.99 2.22 -5.37	30.87 2.13 -0.36	29.34 1.76 0.00
RAVENSWOOD_GT_6 24253	31.99 2.01 0.00	30.57 1.78 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.56 2.23 -0.35	46.05 2.86 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.19 2.86 -1.86	32.53 2.62 -1.44	30.60 2.45 0.00	30.79 2.39 0.00	33.66 2.41 -2.83	35.23 2.27 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.30	61.96 3.58 -17.27	52.46 2.54 -21.43	45.78 2.37 -14.92	38.79 2.44 -7.27	35.99 2.22 -5.37	30.87 2.13 -0.36	29.34 1.76 0.00
RAVENSWOOD_GT_7 24255	31.99 2.01 0.00	30.57 1.78 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.56 2.23 -0.35	46.05 2.86 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.19 2.86 -1.86	32.53 2.62 -1.44	30.60 2.45 0.00	30.79 2.39 0.00	33.66 2.41 -2.83	35.23 2.27 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.30	61.96 3.58 -17.27	52.46 2.54 -21.43	45.78 2.37 -14.92	38.79 2.44 -7.27	35.99 2.22 -5.37	30.87 2.13 -0.36	29.34 1.76 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.99 2.01 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.56 2.23 -0.35	46.02 2.83 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.19 2.86 -1.86	32.53 2.62 -1.44	30.60 2.45 0.00	30.82 2.41 0.00	33.66 2.41 -2.83	35.23 2.27 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.30	62.00 3.62 -17.27	52.46 2.54 -21.43	45.78 2.37 -14.92	38.79 2.44 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.37 1.79 0.00
RAVENSWOOD_GT_9 24257	31.99 2.01 0.00	30.60 1.81 0.00	29.91 1.56 0.00	29.92 1.45 0.00	30.99 1.85 -0.64	33.56 2.23 -0.35	46.02 2.83 -7.39	51.53 3.84 -3.00	45.20 2.87 -8.94	36.19 2.86 -1.86	32.53 2.62 -1.44	30.60 2.45 0.00	30.82 2.41 0.00	33.66 2.41 -2.83	35.23 2.27 -4.62	37.92 2.33 -7.19	45.79 2.75 -10.30	62.00 3.62 -17.27	52.46 2.54 -21.43	45.78 2.37 -14.92	38.79 2.44 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.37 1.79 0.00
RAVENSWOOD___1 23533	32.11 2.13 0.00	30.72 1.93 0.00	30.02 1.67 0.00	30.32 1.85 0.00	31.07 1.94 -0.64	33.56 2.23 -0.35	45.98 2.79 -7.39	51.57 3.89 -3.00	45.12 2.90 -8.82	36.26 2.96 -1.84	32.57 2.68 -1.42	30.68 2.53 0.00	30.91 2.50 0.00	33.68 2.47 -2.80	35.23 2.33 -4.56	37.86 2.36 -7.09	45.72 2.82 -10.16	62.10 3.70 -17.28	52.24 2.59 -21.15	45.67 2.45 -14.73	38.67 2.41 -7.17	35.95 2.24 -5.30	30.92 2.19 -0.35	29.43 1.85 0.00
RAVENSWOOD___2 23534	32.11 2.13 0.00	30.72 1.93 0.00	29.99 1.64 0.00	30.29 1.82 0.00	31.07 1.94 -0.64	33.53 2.20 -0.35	45.94 2.76 -7.39	51.57 3.89 -3.00	45.12 2.90 -8.82	36.26 2.96 -1.84	32.54 2.65 -1.42	30.68 2.53 0.00	30.91 2.50 0.00	33.68 2.47 -2.80	35.23 2.33 -4.56	37.86 2.36 -7.09	45.69 2.78 -10.16	62.10 3.70 -17.28	52.24 2.59 -21.15	45.67 2.45 -14.73	38.67 2.41 -7.17	35.95 2.24 -5.30	30.89 2.16 -0.35	29.40 1.82 0.00
RAVENSWOOD___3 23535	31.99 2.01 0.00	30.60 1.81 0.00	29.91 1.56 0.00	30.23 1.77 0.00	30.98 1.85 -0.64	33.56 2.23 -0.35	46.01 2.83 -7.39	51.53 3.84 -3.00	45.09 2.87 -8.82	36.19 2.89 -1.84	32.51 2.62 -1.42	30.63 2.48 0.00	30.88 2.47 0.00	33.62 2.41 -2.80	35.18 2.27 -4.56	37.83 2.33 -7.09	45.66 2.75 -10.16	62.02 3.62 -17.28	52.18 2.54 -21.15	45.64 2.42 -14.73	38.70 2.44 -7.17	35.92 2.22 -5.30	30.86 2.13 -0.35	29.37 1.79 0.00
RAVENSWOOD___4 23820	32.11 2.13 0.00	30.69 1.90 0.00	29.99 1.64 0.00	30.29 1.82 0.00	31.07 1.94 -0.64	33.53 2.20 -0.35	45.94 2.76 -7.39	51.57 3.89 -3.00	45.12 2.90 -8.82	36.26 2.96 -1.84	32.54 2.65 -1.42	30.65 2.50 0.00	30.91 2.50 0.00	33.65 2.44 -2.80	35.23 2.33 -4.56	37.86 2.36 -7.09	45.69 2.78 -10.16	62.05 3.66 -17.28	52.21 2.57 -21.15	45.67 2.45 -14.73	38.67 2.41 -7.17	35.92 2.22 -5.30	30.89 2.16 -0.35	29.40 1.82 0.00
RCPI_TRUST___DRP 24196	32.14 2.16 0.00	30.80 2.02 0.00	30.11 1.76 0.00	30.12 1.65 0.00	31.21 2.08 -0.64	33.81 2.48 -0.35	46.41 3.22 -7.39	52.06 4.38 -3.00	45.60 3.27 -8.94	36.60 3.27 -1.86	32.87 2.96 -1.44	30.94 2.79 0.00	31.13 2.73 0.00	33.97 2.73 -2.83	35.55 2.58 -4.62	38.24 2.64 -7.19	46.15 3.11 -10.29	62.45 4.07 -17.27	52.77 2.85 -21.43	46.09 2.68 -14.92	39.05 2.70 -7.26	36.24 2.47 -5.36	31.12 2.38 -0.36	29.56 1.99 0.00
RED___ROCHESTER 323720	29.41 -0.57 0.00	28.33 -0.46 0.00	27.67 -0.68 0.00	27.87 -0.60 0.00	28.16 -0.48 -0.15	30.63 -0.43 -0.08	36.97 -0.57 -1.75	43.93 -1.47 -0.71	34.82 -0.67 -2.10	31.46 -0.44 -0.44	28.32 -0.48 -0.34	27.22 -0.93 0.00	27.50 -0.91 0.00	28.28 -0.80 -0.67	28.53 -0.91 -1.08	29.39 -0.71 -1.69	34.26 -0.92 -2.43	43.74 -1.81 -4.44	32.96 -0.57 -5.03	31.51 -0.48 -3.50	30.38 -0.41 -1.71	28.82 -0.85 -1.26	27.58 -0.88 -0.08	26.53 -1.05 0.00

REGAN___SOLAR 323812	32.26 2.28 0.00	31.06 2.27 0.00	30.42 2.07 0.00	30.69 2.22 0.00	31.97 2.51 -0.96	34.60 3.10 -0.53	51.03 4.08 -11.15	54.13 4.92 -4.53	50.49 3.57 -13.52	37.55 3.27 -2.82	33.27 2.62 -2.18	30.40 2.25 0.00	31.02 2.61 0.00	35.40 2.70 -4.29	37.97 2.64 -6.98	42.15 2.87 -10.87	51.66 3.34 -15.57	72.12 4.52 -26.48	64.13 3.22 -32.42	54.00 2.94 -22.57	42.89 2.82 -10.99	38.88 2.36 -8.12	31.16 2.24 -0.54	29.43 1.85 0.00
RENSSELAER___COGEN 23796	30.79 0.81 0.00	29.57 0.78 0.00	29.00 0.65 0.00	29.26 0.80 0.00	30.12 0.83 -0.80	32.50 1.08 -0.44	46.13 1.11 -9.23	49.73 1.30 -3.74	45.63 1.04 -11.20	34.77 0.98 -2.33	31.16 0.88 -1.81	28.97 0.82 0.00	29.32 0.91 0.00	32.87 0.91 -3.55	35.04 0.91 -5.78	38.35 0.94 -9.00	46.72 1.08 -12.89	64.31 1.28 -21.92	56.28 0.94 -26.84	48.12 0.94 -18.69	39.14 0.96 -9.10	36.01 0.88 -6.72	29.79 0.97 -0.45	28.32 0.74 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.19 3.21 0.00	31.93 3.14 0.00	31.27 2.92 0.00	31.34 2.88 0.00	32.71 3.39 -0.83	35.55 4.12 -0.45	50.55 5.19 -9.56	54.73 6.17 -3.88	49.44 4.47 -11.57	37.96 4.09 -2.41	33.75 3.42 -1.87	31.19 3.04 0.00	31.67 3.27 0.00	35.43 3.35 -3.67	37.73 3.40 -5.97	41.15 3.44 -9.30	49.99 3.93 -13.32	69.21 5.39 -22.71	60.02 3.79 -27.73	51.22 3.42 -19.31	41.86 3.37 -9.40	38.13 2.78 -6.94	31.85 3.01 -0.46	30.34 2.76 0.00
REVERE_CPPR_DRP 24186	31.12 1.14 0.00	29.97 1.18 0.00	29.43 1.08 0.00	29.55 1.08 0.00	29.64 1.08 -0.06	32.25 1.24 -0.03	38.08 1.54 -0.74	46.73 1.74 -0.30	35.59 1.30 -0.90	32.78 1.13 -0.19	29.66 1.05 -0.14	29.05 0.90 0.00	29.40 0.99 0.00	29.66 0.97 -0.28	29.81 0.99 -0.46	30.21 1.08 -0.72	35.05 1.28 -1.03	44.43 1.56 -1.75	32.01 1.37 -2.15	31.22 1.23 -1.50	31.06 1.25 -0.73	29.97 1.02 -0.54	29.35 0.94 -0.04	28.43 0.85 0.00
REYNOLDS_115KV_TB3 80639	31.03 1.05 0.00	29.83 1.04 0.00	29.26 0.91 0.00	29.35 0.88 0.00	30.38 1.08 -0.80	32.78 1.36 -0.44	46.47 1.43 -9.24	50.09 1.65 -3.75	45.91 1.34 -11.18	35.08 1.29 -2.33	31.41 1.14 -1.80	29.19 1.04 0.00	29.52 1.11 0.00	33.12 1.16 -3.55	35.29 1.16 -5.77	38.59 1.19 -8.99	46.96 1.34 -12.88	64.67 1.60 -21.95	56.47 1.17 -26.81	48.33 1.17 -18.66	39.39 1.22 -9.09	36.28 1.16 -6.71	30.05 1.22 -0.45	28.54 0.97 0.00
RIVERBAY____ 323610	32.47 2.49 0.00	31.03 2.25 0.00	30.31 1.96 0.00	30.26 1.79 0.00	31.33 2.19 -0.64	33.65 2.32 -0.35	46.09 2.90 -7.39	51.75 4.07 -3.00	45.34 3.01 -8.94	36.35 3.02 -1.86	32.61 2.70 -1.44	30.71 2.56 0.00	30.91 2.50 0.00	33.74 2.50 -2.83	35.32 2.35 -4.62	38.01 2.41 -7.19	45.89 2.85 -10.30	62.13 3.74 -17.27	52.58 2.65 -21.43	45.89 2.48 -14.92	38.82 2.47 -7.27	36.07 2.30 -5.37	30.98 2.24 -0.36	29.56 1.99 0.00
RIVERSDE_115KV_TB3 55908	30.94 0.96 0.00	29.71 0.92 0.00	29.14 0.79 0.00	29.24 0.77 0.00	30.26 0.97 -0.80	32.66 1.24 -0.44	46.39 1.32 -9.27	49.97 1.52 -3.76	45.84 1.24 -11.21	34.96 1.16 -2.33	31.33 1.05 -1.81	29.11 0.96 0.00	29.43 1.02 0.00	33.04 1.08 -3.56	35.22 1.08 -5.79	38.53 1.11 -9.01	46.90 1.24 -12.91	64.64 1.52 -22.01	56.45 1.08 -26.88	48.29 1.08 -18.71	39.33 1.13 -9.11	36.19 1.05 -6.73	29.93 1.11 -0.45	28.43 0.85 0.00
ROARING___BROOK_WT_PWR 323790	29.71 -0.27 0.00	28.50 -0.29 0.00	28.15 -0.20 0.00	28.15 -0.31 0.00	28.12 -0.37 0.00	30.52 -0.46 0.00	35.19 -0.61 0.00	44.02 -0.67 0.00	32.83 -0.57 0.00	30.90 -0.57 0.00	27.98 -0.48 0.00	27.76 -0.39 0.00	27.98 -0.43 0.00	27.98 -0.43 0.00	27.98 -0.37 0.00	28.01 -0.40 0.00	32.25 -0.49 0.00	40.54 -0.58 0.00	28.01 -0.48 0.00	27.95 -0.54 0.00	28.50 -0.58 0.00	27.90 -0.51 0.00	27.87 -0.51 0.00	27.11 -0.47 0.00
ROCHESRG_115KV_T4 355643	29.14 -0.84 0.00	28.07 -0.72 0.00	27.42 -0.94 0.00	27.56 -0.91 0.00	27.90 -0.74 -0.15	30.32 -0.74 -0.08	36.54 -1.00 -1.74	43.35 -2.06 -0.71	34.36 -1.14 -2.11	31.08 -0.82 -0.44	27.95 -0.85 -0.34	26.83 -1.32 0.00	27.04 -1.36 0.00	27.91 -1.16 -0.67	28.16 -1.28 -1.09	29.05 -1.05 -1.69	33.85 -1.34 -2.45	42.84 -2.43 -4.16	32.63 -0.91 -5.05	30.87 -1.14 -3.51	30.04 -0.76 -1.71	28.54 -1.14 -1.26	27.30 -1.16 -0.08	26.31 -1.27 0.00
ROCHESTER_9_IC 23652	29.32 -0.66 0.00	28.24 -0.55 0.00	27.59 -0.77 0.00	27.73 -0.74 0.00	28.08 -0.57 -0.15	30.50 -0.56 -0.08	36.79 -0.75 -1.75	43.70 -1.70 -0.71	34.64 -0.87 -2.11	31.31 -0.60 -0.44	28.18 -0.63 -0.34	27.02 -1.13 0.00	27.27 -1.14 0.00	28.14 -0.94 -0.67	28.39 -1.05 -1.09	29.25 -0.85 -1.70	34.11 -1.08 -2.45	43.21 -2.06 -4.15	32.87 -0.68 -5.06	31.08 -0.94 -3.52	30.25 -0.55 -1.72	28.71 -0.97 -1.27	27.47 -0.99 -0.08	26.45 -1.13 0.00
ROCKVIEW_13_KV_LD 356306	31.99 2.01 0.00	30.60 1.81 0.00	29.94 1.59 0.00	29.95 1.48 0.00	31.01 1.88 -0.64	33.68 2.35 -0.35	46.16 2.97 -7.39	51.66 3.98 -3.00	45.24 2.91 -8.94	36.22 2.89 -1.86	32.53 2.62 -1.44	30.60 2.45 0.00	30.85 2.44 0.00	33.71 2.47 -2.83	35.29 2.32 -4.62	37.98 2.39 -7.19	45.89 2.85 -10.29	62.08 3.70 -17.27	52.54 2.62 -21.43	45.86 2.45 -14.92	38.85 2.50 -7.26	36.04 2.27 -5.36	30.92 2.19 -0.36	29.40 1.82 0.00
ROME____115KV_TB2 80656	31.12 1.14 0.00	29.97 1.18 0.00	29.43 1.08 0.00	29.55 1.08 0.00	29.64 1.08 -0.06	32.25 1.24 -0.03	38.08 1.54 -0.74	46.73 1.74 -0.30	35.59 1.30 -0.90	32.78 1.13 -0.19	29.66 1.05 -0.14	29.05 0.90 0.00	29.40 0.99 0.00	29.66 0.97 -0.28	29.81 0.99 -0.46	30.21 1.08 -0.72	35.05 1.28 -1.03	44.43 1.56 -1.75	32.01 1.37 -2.15	31.22 1.23 -1.50	31.06 1.25 -0.73	29.97 1.02 -0.54	29.35 0.94 -0.04	28.43 0.85 0.00
ROSETON___1 23587	31.57 1.59 0.00	30.26 1.47 0.00	29.60 1.25 0.00	29.89 1.42 0.00	30.62 1.48 -0.64	33.16 1.83 -0.35	45.49 2.26 -7.43	50.61 2.90 -3.02	44.43 2.27 -8.77	35.52 2.23 -1.83	31.90 2.02 -1.41	30.04 1.89 0.00	30.34 1.93 0.00	33.12 1.93 -2.78	34.69 1.82 -4.53	37.30 1.85 -7.05	45.03 2.19 -10.10	61.08 2.80 -17.17	51.53 2.02 -21.02	45.06 1.94 -14.63	38.16 1.95 -7.12	35.46 1.79 -5.26	30.43 1.70 -0.35	29.01 1.43 0.00
ROSETON___2 23588	31.57 1.59 0.00	30.26 1.47 0.00	29.60 1.25 0.00	29.89 1.42 0.00	30.62 1.48 -0.64	33.16 1.83 -0.35	45.49 2.26 -7.43	50.61 2.90 -3.02	44.43 2.27 -8.77	35.52 2.23 -1.83	31.90 2.02 -1.41	30.04 1.89 0.00	30.34 1.93 0.00	33.12 1.93 -2.78	34.69 1.82 -4.53	37.30 1.85 -7.05	45.03 2.19 -10.10	61.08 2.80 -17.17	51.53 2.02 -21.02	45.06 1.94 -14.63	38.16 1.95 -7.12	35.46 1.79 -5.26	30.43 1.70 -0.35	29.01 1.43 0.00
ROTTDRAM_115KV_TB3 80664	31.18 1.20 0.00	29.97 1.18 0.00	29.40 1.05 0.00	29.49 1.02 0.00	30.56 1.23 -0.84	32.95 1.52 -0.46	47.26 1.79 -9.67	50.71 2.10 -3.92	46.70 1.60 -11.70	35.41 1.51 -2.44	31.66 1.31 -1.89	29.33 1.18 0.00	29.66 1.25 0.00	33.40 1.28 -3.71	35.67 1.28 -6.04	39.12 1.31 -9.41	47.72 1.51 -13.47	65.98 1.89 -22.97	57.91 1.37 -28.05	49.33 1.31 -19.53	39.96 1.37 -9.51	36.65 1.22 -7.02	30.10 1.25 -0.47	28.63 1.05 0.00

RUSSELL___1 23602	29.41 -0.57 0.00	28.36 -0.43 0.00	27.67 -0.68 0.00	27.84 -0.63 0.00	28.19 -0.46 -0.15	30.63 -0.43 -0.08	36.94 -0.61 -1.75	43.93 -1.47 -0.71	34.80 -0.70 -2.11	31.46 -0.44 -0.44	28.32 -0.48 -0.34	27.16 -0.99 0.00	27.38 -1.02 0.00	28.28 -0.80 -0.67	28.53 -0.91 -1.09	29.40 -0.71 -1.70	34.27 -0.92 -2.45	43.41 -1.85 -4.15	32.99 -0.57 -5.06	31.19 -0.83 -3.53	30.39 -0.41 -1.72	28.82 -0.85 -1.27	27.58 -0.88 -0.08	26.53 -1.05 0.00
RUSSELL___2 23532	29.41 -0.57 0.00	28.36 -0.43 0.00	27.67 -0.68 0.00	27.84 -0.63 0.00	28.19 -0.46 -0.15	30.63 -0.43 -0.08	36.94 -0.61 -1.75	43.93 -1.47 -0.71	34.80 -0.70 -2.11	31.46 -0.44 -0.44	28.32 -0.48 -0.34	27.16 -0.99 0.00	27.38 -1.02 0.00	28.28 -0.80 -0.67	28.53 -0.91 -1.09	29.40 -0.71 -1.70	34.27 -0.92 -2.45	43.41 -1.85 -4.15	32.99 -0.57 -5.06	31.19 -0.83 -3.53	30.39 -0.41 -1.72	28.82 -0.85 -1.27	27.58 -0.88 -0.08	26.53 -1.05 0.00
RUSSELL___3 23549	29.41 -0.57 0.00	28.36 -0.43 0.00	27.67 -0.68 0.00	27.84 -0.63 0.00	28.19 -0.46 -0.15	30.63 -0.43 -0.08	36.94 -0.61 -1.75	43.93 -1.47 -0.71	34.80 -0.70 -2.11	31.46 -0.44 -0.44	28.32 -0.48 -0.34	27.16 -0.99 0.00	27.38 -1.02 0.00	28.28 -0.80 -0.67	28.53 -0.91 -1.09	29.40 -0.71 -1.70	34.27 -0.92 -2.45	43.41 -1.85 -4.15	32.99 -0.57 -5.06	31.19 -0.83 -3.53	30.39 -0.41 -1.72	28.82 -0.85 -1.27	27.58 -0.88 -0.08	26.53 -1.05 0.00
RUSSELL___4 23556	29.41 -0.57 0.00	28.36 -0.43 0.00	27.67 -0.68 0.00	27.84 -0.63 0.00	28.19 -0.46 -0.15	30.63 -0.43 -0.08	36.94 -0.61 -1.75	43.93 -1.47 -0.71	34.80 -0.70 -2.11	31.46 -0.44 -0.44	28.32 -0.48 -0.34	27.16 -0.99 0.00	27.38 -1.02 0.00	28.28 -0.80 -0.67	28.53 -0.91 -1.09	29.40 -0.71 -1.70	34.27 -0.92 -2.45	43.41 -1.85 -4.15	32.99 -0.57 -5.06	31.19 -0.83 -3.53	30.39 -0.41 -1.72	28.82 -0.85 -1.27	27.58 -0.88 -0.08	26.53 -1.05 0.00
RUSSELL___STATION 23914	29.41 -0.57 0.00	28.36 -0.43 0.00	27.67 -0.68 0.00	27.84 -0.63 0.00	28.19 -0.46 -0.15	30.63 -0.43 -0.08	36.94 -0.61 -1.75	43.93 -1.47 -0.71	34.80 -0.70 -2.11	31.46 -0.44 -0.44	28.32 -0.48 -0.34	27.16 -0.99 0.00	27.38 -1.02 0.00	28.28 -0.80 -0.67	28.53 -0.91 -1.09	29.40 -0.71 -1.70	34.27 -0.92 -2.45	43.41 -1.85 -4.15	32.99 -0.57 -5.06	31.19 -0.83 -3.53	30.39 -0.41 -1.72	28.82 -0.85 -1.27	27.58 -0.88 -0.08	26.53 -1.05 0.00
S SALMON___HYD 24043	29.80 -0.18 0.00	28.65 -0.14 0.00	28.12 -0.23 0.00	28.30 -0.17 0.00	28.43 -0.17 -0.11	30.76 -0.28 -0.06	36.78 -0.25 -1.23	44.60 -0.58 -0.50	34.44 -0.44 -1.48	31.30 -0.47 -0.31	28.28 -0.43 -0.24	27.56 -0.59 0.00	27.87 -0.54 0.00	28.34 -0.54 -0.47	28.58 -0.54 -0.76	29.14 -0.46 -1.19	33.99 -0.46 -1.70	43.48 -0.54 -2.90	31.87 -0.17 -3.55	30.79 -0.17 -2.47	30.08 -0.20 -1.20	28.98 -0.31 -0.89	28.10 -0.34 -0.06	27.25 -0.33 0.00
S.PERRY___115KV_TB1 80734	30.37 0.39 0.00	29.25 0.46 0.00	28.52 0.17 0.00	28.69 0.23 0.00	28.88 0.20 -0.18	31.48 0.40 -0.10	38.36 0.47 -2.10	45.38 -0.13 -0.83	36.09 0.17 -2.53	32.24 0.25 -0.53	28.87 0.00 -0.41	27.62 -0.53 0.00	27.73 -0.68 0.00	28.64 -0.57 -0.80	28.98 -0.68 -1.30	30.01 -0.43 -2.03	35.19 -0.39 -2.84	45.07 -0.86 -4.82	34.69 0.14 -6.06	32.57 -0.14 -4.22	31.43 0.29 -2.05	29.67 -0.26 -1.52	28.14 -0.34 -0.10	27.16 -0.41 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.66 -1.32 0.00	27.67 -1.12 0.00	26.93 -1.42 0.00	27.01 -1.45 0.00	27.10 -1.57 -0.17	29.46 -1.61 -0.09	35.74 -2.04 -1.98	41.56 -3.84 -0.72	33.45 -2.34 -2.40	30.26 -1.70 -0.50	27.09 -1.76 -0.39	26.07 -2.08 0.00	26.28 -2.13 0.00	26.95 -2.22 -0.76	27.15 -2.44 -1.24	28.18 -2.16 -1.93	32.48 -2.72 -2.46	41.28 -4.03 -4.19	32.33 -1.91 -5.74	30.24 -2.25 -4.00	29.40 -1.63 -1.95	27.72 -2.13 -1.44	26.32 -2.16 -0.10	25.62 -1.96 0.00
SAWYER___23_KV_LOAD 55526	28.66 -1.32 0.00	27.67 -1.12 0.00	26.93 -1.42 0.00	27.01 -1.45 0.00	27.10 -1.57 -0.17	29.46 -1.61 -0.09	35.74 -2.04 -1.98	41.56 -3.84 -0.72	33.45 -2.34 -2.40	30.26 -1.70 -0.50	27.09 -1.76 -0.39	26.07 -2.08 0.00	26.28 -2.13 0.00	26.95 -2.22 -0.76	27.15 -2.44 -1.24	28.18 -2.16 -1.93	32.48 -2.72 -2.46	41.28 -4.03 -4.19	32.33 -1.91 -5.74	30.24 -2.25 -4.00	29.40 -1.63 -1.95	27.72 -2.13 -1.44	26.32 -2.16 -0.10	25.62 -1.96 0.00
SELKIRK___I 23801	30.94 0.96 0.00	29.71 0.92 0.00	29.17 0.82 0.00	29.40 0.94 0.00	30.23 0.94 -0.79	32.62 1.21 -0.43	46.32 1.33 -9.19	49.98 1.56 -3.73	45.76 1.20 -11.16	34.95 1.16 -2.32	31.32 1.05 -1.80	29.11 0.96 0.00	29.46 1.05 0.00	32.97 1.02 -3.54	35.13 1.02 -5.76	38.43 1.05 -8.98	46.78 1.18 -12.86	64.41 1.44 -21.86	56.31 1.05 -26.76	48.18 1.05 -18.63	39.26 1.10 -9.07	36.13 1.02 -6.70	29.85 1.02 -0.45	28.40 0.83 0.00
SELKIRK___II 23799	30.91 0.93 0.00	29.68 0.89 0.00	29.14 0.79 0.00	29.38 0.91 0.00	30.20 0.91 -0.79	32.59 1.18 -0.43	46.27 1.29 -9.19	49.89 1.47 -3.73	45.71 1.17 -11.15	34.89 1.10 -2.32	31.26 1.00 -1.80	29.05 0.90 0.00	29.40 0.99 0.00	32.94 0.99 -3.54	35.10 0.99 -5.76	38.39 1.02 -8.97	46.76 1.18 -12.84	64.39 1.44 -21.84	56.25 1.02 -26.74	48.13 1.02 -18.61	39.22 1.08 -9.06	36.09 0.99 -6.69	29.85 1.02 -0.45	28.38 0.80 0.00
SENECA OSWGO___HYD 24041	29.62 -0.36 0.00	28.47 -0.32 0.00	27.93 -0.42 0.00	28.10 -0.37 0.00	28.24 -0.37 -0.12	30.52 -0.53 -0.06	36.53 -0.61 -1.34	44.29 -0.94 -0.54	34.37 -0.64 -1.62	31.23 -0.57 -0.34	28.22 -0.51 -0.26	27.50 -0.65 0.00	27.81 -0.60 0.00	28.32 -0.60 -0.51	28.56 -0.62 -0.83	29.14 -0.57 -1.30	33.95 -0.65 -1.86	43.51 -0.78 -3.17	31.89 -0.48 -3.87	30.74 -0.46 -2.70	29.96 -0.44 -1.31	28.84 -0.54 -0.97	27.88 -0.57 -0.06	27.05 -0.52 0.00
SENECA___115KV_TB3 355854	29.02 -0.96 0.00	28.01 -0.78 0.00	27.25 -1.11 0.00	27.33 -1.14 0.00	27.24 -1.42 -0.17	29.65 -1.43 -0.10	36.03 -1.79 -2.02	42.03 -3.40 -0.74	33.77 -2.07 -2.44	30.52 -1.45 -0.51	27.35 -1.51 -0.39	26.46 -1.69 0.00	26.65 -1.76 0.00	27.17 -2.02 -0.78	27.35 -2.27 -1.26	28.36 -2.02 -1.97	32.83 -2.46 -2.54	41.82 -3.62 -4.33	32.67 -1.68 -5.86	30.52 -2.05 -4.08	29.65 -1.43 -1.99	27.94 -1.93 -1.47	26.49 -1.99 -0.10	25.92 -1.65 0.00
SENECA___ENERGY 23797	29.86 -0.12 0.00	28.70 -0.09 0.00	28.10 -0.26 0.00	28.30 -0.17 0.00	28.48 -0.17 -0.15	30.91 -0.15 -0.08	37.32 -0.21 -1.74	44.81 -0.58 -0.70	35.33 -0.17 -2.10	31.90 0.00 -0.44	28.72 -0.09 -0.34	27.84 -0.31 0.00	28.15 -0.26 0.00	28.76 -0.31 -0.67	29.04 -0.40 -1.09	29.73 -0.37 -1.69	34.81 -0.36 -2.42	44.57 -0.74 -4.20	33.37 -0.17 -5.04	31.86 -0.14 -3.51	30.68 -0.12 -1.71	29.27 -0.40 -1.26	27.98 -0.48 -0.08	27.11 -0.47 0.00
SHOEMAKER___GT 23640	31.36 1.38 0.00	30.09 1.30 0.00	29.46 1.10 0.00	29.72 1.25 0.00	30.39 1.31 -0.58	32.91 1.61 -0.32	44.50 2.00 -6.70	49.95 2.55 -2.72	43.30 1.94 -7.97	34.98 1.86 -1.66	31.40 1.65 -1.29	29.67 1.52 0.00	30.00 1.59 0.00	32.53 1.59 -2.53	33.97 1.50 -4.12	36.35 1.53 -6.41	43.79 1.87 -9.18	59.12 2.38 -15.62	49.35 1.74 -19.12	43.48 1.68 -13.31	37.22 1.66 -6.48	34.67 1.48 -4.79	30.09 1.39 -0.32	28.74 1.16 0.00

SHOEMAKR_138KV_BK 111 55601	31.36 1.38 0.00	30.08 1.30 0.00	29.46 1.11 0.00	29.52 1.05 0.00	30.38 1.31 -0.57	32.90 1.61 -0.31	44.45 2.00 -6.64	49.98 2.59 -2.70	43.37 1.94 -8.04	35.02 1.89 -1.67	31.44 1.68 -1.30	29.70 1.55 0.00	29.97 1.56 0.00	32.58 1.62 -2.55	34.03 1.53 -4.15	36.40 1.53 -6.46	43.87 1.87 -9.26	59.03 2.43 -15.49	49.53 1.77 -19.27	43.56 1.65 -13.41	37.27 1.66 -6.53	34.71 1.48 -4.82	30.12 1.42 -0.32	28.76 1.19 0.00
SHOREHAM_IC_1 23715	40.73 2.79 -7.96	40.27 2.65 -8.83	38.33 2.35 -7.63	38.33 2.53 -7.33	39.37 2.65 -8.23	41.38 3.16 -7.24	51.06 4.01 -11.25	88.59 5.00 -38.89	47.67 3.87 -10.41	42.26 3.77 -7.02	42.85 3.33 -11.05	42.15 3.12 -10.88	42.65 3.18 -11.06	43.00 3.18 -11.41	43.44 3.06 -12.03	45.14 3.12 -13.61	64.76 3.70 -28.32	78.54 4.85 -32.58	71.54 3.45 -39.60	64.07 3.28 -32.30	52.13 3.34 -19.70	47.95 3.07 -16.47	44.06 2.92 -12.76	41.86 2.48 -11.80
SHOREHAM_IC_2 23716	40.73 2.79 -7.96	40.27 2.65 -8.83	38.33 2.35 -7.63	38.33 2.53 -7.33	39.37 2.65 -8.23	41.38 3.16 -7.24	51.06 4.01 -11.25	88.59 5.00 -38.89	47.67 3.87 -10.41	42.26 3.77 -7.02	42.85 3.33 -11.05	42.15 3.12 -10.88	42.65 3.18 -11.06	43.00 3.18 -11.41	43.44 3.06 -12.03	45.14 3.12 -13.61	64.76 3.70 -28.32	78.54 4.85 -32.58	71.54 3.45 -39.60	64.07 3.28 -32.30	52.13 3.34 -19.70	47.95 3.07 -16.47	44.06 2.92 -12.76	41.86 2.48 -11.80
SISSONVILLE____ 23735	29.95 -0.03 0.00	28.76 -0.03 0.00	28.52 0.17 0.00	28.69 0.23 0.00	28.51 0.00 -0.02	31.02 0.03 -0.01	36.12 0.11 -0.21	45.36 0.58 -0.09	34.00 0.33 -0.27	31.65 0.13 -0.06	28.65 0.14 -0.04	28.43 0.28 0.00	28.69 0.28 0.00	28.69 0.20 -0.09	28.74 0.26 -0.14	28.85 0.23 -0.22	33.28 0.23 -0.31	41.97 0.33 -0.52	29.37 0.23 -0.64	29.17 0.23 -0.45	29.45 0.15 -0.22	28.68 0.11 -0.16	28.45 0.06 -0.01	27.66 0.08 0.00
SITHE_IND_GS1 24169	29.23 -0.75 0.00	28.07 -0.72 0.00	27.59 -0.76 0.00	27.73 -0.74 0.00	27.86 -0.74 -0.10	30.04 -0.99 -0.06	35.76 -1.22 -1.18	43.47 -1.70 -0.48	33.64 -1.17 -1.42	30.69 -1.07 -0.30	27.73 -0.97 -0.23	27.11 -1.04 0.00	27.39 -1.02 0.00	27.84 -1.02 -0.45	28.04 -1.05 -0.73	28.53 -1.02 -1.14	33.20 -1.18 -1.64	42.41 -1.48 -2.77	30.93 -0.97 -3.40	29.92 -0.94 -2.37	29.31 -0.93 -1.15	28.29 -0.97 -0.85	27.47 -0.96 -0.06	26.72 -0.86 0.00
SITHE_IND_GS2 24170	29.23 -0.75 0.00	28.07 -0.72 0.00	27.59 -0.76 0.00	27.73 -0.74 0.00	27.86 -0.74 -0.10	30.04 -0.99 -0.06	35.76 -1.22 -1.18	43.47 -1.70 -0.48	33.64 -1.17 -1.42	30.69 -1.07 -0.30	27.73 -0.97 -0.23	27.11 -1.04 0.00	27.39 -1.02 0.00	27.84 -1.02 -0.45	28.04 -1.05 -0.73	28.53 -1.02 -1.14	33.20 -1.18 -1.64	42.41 -1.48 -2.77	30.93 -0.97 -3.40	29.92 -0.94 -2.37	29.31 -0.93 -1.15	28.29 -0.97 -0.85	27.47 -0.96 -0.06	26.72 -0.86 0.00
SITHE_IND_GS3 24171	29.23 -0.75 0.00	28.07 -0.72 0.00	27.59 -0.76 0.00	27.73 -0.74 0.00	27.86 -0.74 -0.10	30.04 -0.99 -0.06	35.76 -1.22 -1.18	43.47 -1.70 -0.48	33.64 -1.17 -1.42	30.69 -1.07 -0.30	27.73 -0.97 -0.23	27.11 -1.04 0.00	27.39 -1.02 0.00	27.84 -1.02 -0.45	28.04 -1.05 -0.73	28.53 -1.02 -1.14	33.20 -1.18 -1.64	42.41 -1.48 -2.77	30.93 -0.97 -3.40	29.92 -0.94 -2.37	29.31 -0.93 -1.15	28.29 -0.97 -0.85	27.47 -0.96 -0.06	26.72 -0.86 0.00
SITHE_IND_GS4 24172	29.23 -0.75 0.00	28.07 -0.72 0.00	27.59 -0.76 0.00	27.73 -0.74 0.00	27.86 -0.74 -0.10	30.04 -0.99 -0.06	35.76 -1.22 -1.18	43.47 -1.70 -0.48	33.64 -1.17 -1.42	30.69 -1.07 -0.30	27.73 -0.97 -0.23	27.11 -1.04 0.00	27.39 -1.02 0.00	27.84 -1.02 -0.45	28.04 -1.05 -0.73	28.53 -1.02 -1.14	33.20 -1.18 -1.64	42.41 -1.48 -2.77	30.93 -0.97 -3.40	29.92 -0.94 -2.37	29.31 -0.93 -1.15	28.29 -0.97 -0.85	27.47 -0.96 -0.06	26.72 -0.86 0.00
SITHE____BATAVIA 24024	29.17 -0.81 0.00	28.16 -0.63 0.00	27.42 -0.93 0.00	27.61 -0.85 0.00	27.77 -0.88 -0.16	30.29 -0.77 -0.09	36.66 -1.00 -1.87	42.98 -2.41 -0.71	34.39 -1.23 -2.24	31.02 -0.91 -0.47	27.86 -0.97 -0.36	26.77 -1.38 0.00	27.02 -1.39 0.00	27.67 -1.45 -0.71	27.92 -1.59 -1.15	28.93 -1.28 -1.80	33.52 -1.64 -2.41	42.86 -2.67 -4.42	32.80 -1.05 -5.36	31.26 -0.97 -3.73	30.09 -0.81 -1.82	28.36 -1.39 -1.34	27.02 -1.45 -0.09	26.14 -1.44 0.00
SITHE____INDEPEND 23800	29.23 -0.75 0.00	28.07 -0.72 0.00	27.59 -0.77 0.00	27.70 -0.77 0.00	27.86 -0.74 -0.10	30.04 -0.99 -0.06	35.76 -1.22 -1.18	43.47 -1.70 -0.48	33.65 -1.17 -1.42	30.69 -1.07 -0.30	27.73 -0.97 -0.23	27.08 -1.07 0.00	27.36 -1.05 0.00	27.84 -1.02 -0.45	28.04 -1.05 -0.74	28.53 -1.02 -1.14	33.20 -1.18 -1.64	42.41 -1.48 -2.78	30.94 -0.97 -3.41	29.87 -1.00 -2.38	29.31 -0.93 -1.16	28.30 -0.97 -0.85	27.47 -0.96 -0.06	26.72 -0.85 0.00
SITHE____MASSENA 23902	29.89 -0.09 0.00	28.67 -0.11 0.00	28.44 0.09 0.00	28.44 -0.03 0.00	28.41 -0.09 0.00	30.92 -0.06 0.00	35.73 -0.07 0.00	45.13 0.45 0.00	33.63 0.24 0.00	31.56 0.09 0.00	28.55 0.09 0.00	28.35 0.20 0.00	28.58 0.17 0.00	28.58 0.17 0.00	28.55 0.20 0.00	28.58 0.17 0.00	32.91 0.16 0.00	41.40 0.29 0.00	28.58 0.09 0.00	28.52 0.03 0.00	29.11 0.03 0.00	28.46 0.06 0.00	28.44 0.06 0.00	27.69 0.11 0.00
SITHE____OGDNSBRG 24021	30.31 0.33 0.00	29.11 0.32 0.00	28.86 0.51 0.00	29.04 0.57 0.00	28.82 0.31 -0.01	31.42 0.43 -0.01	36.61 0.64 -0.17	46.14 1.39 -0.06	34.45 0.87 -0.19	32.04 0.53 -0.04	28.98 0.48 -0.03	28.74 0.59 0.00	29.03 0.62 0.00	29.01 0.54 -0.06	29.07 0.62 -0.10	29.19 0.62 -0.15	33.72 0.75 -0.22	42.55 1.07 -0.37	29.69 0.74 -0.46	29.55 0.74 -0.32	29.79 0.55 -0.15	29.03 0.51 -0.11	28.84 0.45 -0.01	28.05 0.47 0.00
SITHE____STERLING 23777	30.91 0.93 0.00	29.77 0.98 0.00	29.23 0.88 0.00	29.38 0.91 0.00	29.45 0.88 -0.07	32.04 1.02 -0.04	37.91 1.25 -0.86	46.42 1.39 -0.35	35.50 1.07 -1.04	32.62 0.94 -0.22	29.49 0.85 -0.17	28.85 0.70 0.00	29.20 0.79 0.00	29.47 0.74 -0.33	29.65 0.77 -0.54	30.07 0.82 -0.83	34.92 0.98 -1.20	44.35 1.19 -2.04	32.01 1.02 -2.49	31.20 0.97 -1.73	30.89 0.96 -0.84	29.80 0.77 -0.62	29.13 0.71 -0.04	28.24 0.66 0.00
SLEIGHT__34_KV_TB1 80719	29.44 -0.54 0.00	28.33 -0.46 0.00	27.73 -0.62 0.00	27.87 -0.60 0.00	28.19 -0.46 -0.15	30.59 -0.46 -0.08	36.92 -0.57 -1.70	44.22 -1.16 -0.69	34.91 -0.53 -2.05	31.54 -0.35 -0.43	28.40 -0.40 -0.33	27.39 -0.76 0.00	27.67 -0.74 0.00	28.46 -0.60 -0.65	28.73 -0.68 -1.06	29.43 -0.62 -1.65	34.39 -0.72 -2.37	43.66 -1.48 -4.03	32.89 -0.51 -4.91	31.23 -0.68 -3.41	30.28 -0.47 -1.66	28.87 -0.77 -1.23	27.67 -0.79 -0.08	26.67 -0.91 0.00
SOUTH CAIRO____GT 23612	32.26 2.28 0.00	31.01 2.22 0.00	30.39 2.04 0.00	30.66 2.19 0.00	31.32 2.08 -0.75	33.96 2.57 -0.41	47.25 2.79 -8.66	51.24 3.04 -3.51	46.30 2.37 -10.53	35.54 1.89 -2.19	31.59 1.42 -1.70	29.42 1.27 0.00	29.88 1.48 0.00	33.40 1.65 -3.34	35.55 1.76 -5.44	38.78 1.90 -8.47	47.17 2.29 -12.13	64.91 3.17 -20.63	56.06 2.31 -25.26	48.21 2.14 -17.58	39.65 2.01 -8.56	36.49 1.76 -6.32	30.67 1.87 -0.42	29.18 1.60 0.00

SOUTH HAMPTN___IC 23720	41.09 3.15 -7.96	40.59 2.97 -8.83	38.64 2.66 -7.63	38.67 2.87 -7.33	39.69 2.96 -8.23	41.75 3.53 -7.24	51.52 4.47 -11.25	88.90 5.59 -38.63	48.11 4.31 -10.41	42.64 4.15 -7.02	43.22 3.70 -11.05	42.49 3.46 -10.88	42.99 3.52 -11.06	43.31 3.49 -11.41	43.78 3.40 -12.03	45.48 3.46 -13.61	65.26 4.19 -28.32	79.16 5.47 -32.58	71.96 3.87 -39.59	64.50 3.70 -32.30	52.54 3.75 -19.70	48.32 3.44 -16.47	44.40 3.26 -12.76	42.13 2.76 -11.80
SOUTHDOW_115KV_TB1 355954	29.77 -0.21 0.00	28.70 -0.09 0.00	27.87 -0.48 0.00	27.93 -0.54 0.00	27.65 -1.03 -0.18	30.15 -0.93 -0.10	36.85 -1.04 -2.09	43.32 -2.14 -0.78	34.56 -1.37 -2.53	31.20 -0.79 -0.53	27.91 -0.97 -0.41	27.11 -1.04 0.00	27.19 -1.22 0.00	27.42 -1.79 -0.80	27.59 -2.07 -1.31	28.60 -1.85 -2.04	33.36 -2.06 -2.68	42.86 -2.80 -4.54	33.40 -1.17 -6.07	31.19 -1.54 -4.23	30.21 -0.93 -2.06	28.42 -1.51 -1.52	26.81 -1.67 -0.10	26.36 -1.21 0.00
SOUTHOLD_69_KV_BK 2 55809	41.54 3.60 -7.96	41.02 3.40 -8.83	39.07 3.09 -7.63	38.82 3.02 -7.33	40.08 3.36 -8.23	42.21 4.00 -7.24	52.17 5.12 -11.25	89.70 6.39 -38.62	48.83 4.91 -10.52	43.17 4.66 -7.05	43.67 4.13 -11.07	42.88 3.86 -10.88	43.36 3.89 -11.06	43.78 3.92 -11.45	44.26 3.83 -12.09	46.06 3.95 -13.70	66.01 4.81 -28.45	79.93 6.25 -32.57	72.78 4.42 -39.87	65.27 4.27 -32.50	53.18 4.30 -19.79	48.90 3.95 -16.54	44.83 3.69 -12.76	42.52 3.14 -11.80
SOUTHOLD___IC 23719	41.54 3.60 -7.96	41.02 3.40 -8.83	39.07 3.09 -7.63	39.07 3.27 -7.33	40.08 3.36 -8.23	42.21 4.00 -7.24	52.17 5.12 -11.25	89.70 6.39 -38.62	48.71 4.91 -10.41	43.18 4.69 -7.02	43.68 4.16 -11.05	42.91 3.89 -10.88	43.42 3.95 -11.06	43.74 3.92 -11.41	44.20 3.83 -12.03	45.96 3.95 -13.61	65.88 4.81 -28.32	79.98 6.29 -32.58	72.56 4.47 -39.59	65.07 4.27 -32.30	53.09 4.30 -19.70	48.83 3.95 -16.47	44.82 3.69 -12.76	42.52 3.14 -11.80
SOUTH_FORK_WT_PWR 323839	41.63 3.69 -7.96	41.10 3.48 -8.83	39.13 3.15 -7.63	38.87 3.07 -7.33	40.17 3.45 -8.23	42.30 4.09 -7.24	52.24 5.19 -11.25	89.84 6.52 -38.63	48.89 4.98 -10.52	43.23 4.72 -7.05	43.75 4.21 -11.07	42.94 3.91 -10.88	43.42 3.95 -11.06	43.83 3.98 -11.45	44.32 3.88 -12.09	46.11 4.01 -13.70	66.08 4.88 -28.45	80.05 6.37 -32.57	72.87 4.50 -39.87	65.32 4.33 -32.50	53.24 4.36 -19.79	48.96 4.01 -16.54	44.89 3.75 -12.76	42.57 3.20 -11.80
SPIERFLS_115KV_TB 1 80737	31.42 1.44 0.00	30.20 1.41 0.00	29.63 1.28 0.00	29.72 1.25 0.00	30.92 1.60 -0.83	33.45 2.01 -0.45	47.88 2.51 -9.58	51.39 2.82 -3.89	47.05 2.07 -11.58	35.76 1.89 -2.41	31.90 1.57 -1.87	29.45 1.29 0.00	29.83 1.42 0.00	33.56 1.48 -3.67	35.83 1.50 -5.98	39.08 1.36 -9.31	47.59 1.51 -13.34	65.95 2.10 -22.74	57.78 1.51 -27.77	49.14 1.31 -19.33	39.81 1.31 -9.41	36.38 1.02 -6.95	30.21 1.36 -0.46	28.85 1.27 0.00
ST LAWRENCE___ 23600	29.53 -0.45 0.00	28.36 -0.43 0.00	28.10 -0.26 0.00	28.07 -0.40 0.00	28.07 -0.43 0.00	30.55 -0.43 0.00	35.30 -0.50 0.00	44.28 -0.40 0.00	32.99 -0.40 0.00	31.02 -0.44 0.00	28.07 -0.40 0.00	27.90 -0.25 0.00	28.10 -0.31 0.00	28.10 -0.31 0.00	28.10 -0.26 0.00	28.10 -0.31 0.00	32.35 -0.39 0.00	40.66 -0.45 0.00	28.07 -0.43 0.00	28.04 -0.46 0.00	28.62 -0.47 0.00	28.07 -0.34 0.00	28.04 -0.34 0.00	27.30 -0.28 0.00
STATE_CA_115KV_115_LB 55624	30.91 0.93 0.00	29.71 0.92 0.00	29.14 0.79 0.00	29.24 0.77 0.00	30.27 0.97 -0.81	32.69 1.27 -0.44	46.53 1.40 -9.33	50.08 1.61 -3.79	45.95 1.27 -11.29	35.01 1.20 -2.35	31.37 1.08 -1.82	29.14 0.99 0.00	29.46 1.05 0.00	33.07 1.08 -3.58	35.29 1.11 -5.83	38.62 1.14 -9.08	47.02 1.28 -13.00	64.88 1.60 -22.17	56.70 1.14 -27.06	48.45 1.11 -18.84	39.42 1.16 -9.17	36.23 1.05 -6.78	29.91 1.08 -0.45	28.43 0.85 0.00
STATE_ST_34_KV_LOAD 55959	30.22 0.24 0.00	29.02 0.23 0.00	28.46 0.11 0.00	28.58 0.11 0.00	28.81 0.17 -0.15	31.25 0.19 -0.08	37.77 0.25 -1.72	45.43 0.04 -0.69	35.87 0.40 -2.07	32.40 0.50 -0.43	29.20 0.40 -0.33	28.32 0.17 0.00	28.63 0.23 0.00	29.32 0.26 -0.66	29.62 0.20 -1.07	30.13 0.06 -1.67	35.26 0.13 -2.39	45.20 0.04 -4.04	33.66 0.20 -4.97	32.07 0.11 -3.46	31.00 0.23 -1.68	29.68 0.03 -1.24	28.41 -0.06 -0.08	27.52 -0.06 0.00
STATION 5_MISC_HYD 23604	29.32 -0.66 0.00	28.24 -0.55 0.00	27.59 -0.76 0.00	27.78 -0.68 0.00	28.08 -0.57 -0.15	30.51 -0.56 -0.08	36.83 -0.72 -1.75	43.70 -1.70 -0.71	34.66 -0.83 -2.10	31.30 -0.60 -0.44	28.18 -0.63 -0.34	27.08 -1.07 0.00	27.36 -1.05 0.00	28.14 -0.94 -0.67	28.39 -1.05 -1.08	29.24 -0.85 -1.69	34.09 -1.08 -2.43	43.50 -2.05 -4.44	32.84 -0.68 -5.03	31.37 -0.63 -3.50	30.24 -0.55 -1.71	28.70 -0.97 -1.26	27.47 -0.99 -0.08	26.45 -1.13 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.74 -0.24 0.00	28.62 -0.17 0.00	28.01 -0.34 0.00	28.15 -0.31 0.00	28.44 -0.20 -0.15	30.94 -0.12 -0.08	37.30 -0.21 -1.72	44.62 -0.76 -0.70	35.17 -0.30 -2.08	31.77 -0.13 -0.43	28.60 -0.20 -0.33	27.56 -0.59 0.00	27.81 -0.60 0.00	28.61 -0.45 -0.66	28.88 -0.54 -1.07	29.68 -0.40 -1.67	34.67 -0.46 -2.39	44.07 -1.11 -4.07	33.24 -0.23 -4.98	31.53 -0.43 -3.46	30.63 -0.15 -1.69	29.14 -0.51 -1.25	27.89 -0.57 -0.08	26.92 -0.66 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.17 -0.81 0.00	28.10 -0.69 0.00	27.47 -0.88 0.00	27.61 -0.85 0.00	27.96 -0.68 -0.15	30.35 -0.71 -0.08	36.63 -0.89 -1.73	43.56 -1.83 -0.71	34.48 -1.00 -2.09	31.18 -0.72 -0.44	28.06 -0.74 -0.34	26.94 -1.21 0.00	27.19 -1.22 0.00	28.05 -1.02 -0.66	28.33 -1.11 -1.08	29.15 -0.94 -1.68	34.02 -1.15 -2.42	43.08 -2.14 -4.11	32.71 -0.80 -5.01	30.96 -1.03 -3.49	30.12 -0.67 -1.70	28.61 -1.05 -1.26	27.38 -1.08 -0.08	26.36 -1.21 0.00
STA_56___34_KV_BUS2 355983	29.17 -0.81 0.00	28.10 -0.69 0.00	27.47 -0.88 0.00	27.61 -0.85 0.00	27.96 -0.68 -0.15	30.35 -0.71 -0.08	36.63 -0.89 -1.73	43.56 -1.83 -0.71	34.48 -1.00 -2.09	31.18 -0.72 -0.44	28.06 -0.74 -0.34	26.94 -1.21 0.00	27.19 -1.22 0.00	28.05 -1.02 -0.66	28.33 -1.11 -1.08	29.15 -0.94 -1.68	34.02 -1.15 -2.42	43.08 -2.14 -4.11	32.71 -0.80 -5.01	30.96 -1.03 -3.49	30.12 -0.67 -1.70	28.61 -1.05 -1.26	27.38 -1.08 -0.08	26.36 -1.21 0.00
STA_67___115KV_BK2 355882	29.26 -0.72 0.00	28.21 -0.58 0.00	27.56 -0.79 0.00	27.70 -0.77 0.00	28.05 -0.60 -0.15	30.47 -0.59 -0.08	36.76 -0.79 -1.75	43.57 -1.83 -0.71	34.57 -0.94 -2.11	31.24 -0.66 -0.44	28.12 -0.68 -0.34	26.97 -1.18 0.00	27.21 -1.19 0.00	28.08 -0.99 -0.67	28.34 -1.11 -1.09	29.22 -0.88 -1.70	34.04 -1.15 -2.45	43.12 -2.14 -4.15	32.82 -0.74 -5.06	31.02 -1.00 -3.52	30.22 -0.58 -1.72	28.68 -0.99 -1.27	27.44 -1.02 -0.08	26.42 -1.16 0.00
STA_7___115KV_9TRANS 80674	29.41 -0.57 0.00	28.36 -0.43 0.00	27.67 -0.68 0.00	27.84 -0.63 0.00	28.19 -0.46 -0.15	30.63 -0.43 -0.08	36.94 -0.61 -1.75	43.93 -1.47 -0.71	34.80 -0.70 -2.11	31.46 -0.44 -0.44	28.32 -0.48 -0.34	27.16 -0.99 0.00	27.38 -1.02 0.00	28.28 -0.80 -0.67	28.53 -0.91 -1.09	29.40 -0.71 -1.70	34.27 -0.92 -2.45	43.41 -1.85 -4.15	32.99 -0.57 -5.06	31.19 -0.83 -3.53	30.39 -0.41 -1.72	28.82 -0.85 -1.27	27.58 -0.88 -0.08	26.53 -1.05 0.00

STA_82___115KV_TB1 80780	29.26 -0.72 0.00	28.18 -0.60 0.00	27.53 -0.82 0.00	27.67 -0.80 0.00	28.02 -0.63 -0.15	30.44 -0.62 -0.08	36.72 -0.82 -1.75	43.57 -1.83 -0.71	34.54 -0.97 -2.11	31.24 -0.66 -0.44	28.10 -0.71 -0.34	26.94 -1.21 0.00	27.19 -1.22 0.00	28.05 -1.02 -0.67	28.31 -1.13 -1.09	29.20 -0.91 -1.70	34.01 -1.18 -2.44	43.08 -2.18 -4.15	32.79 -0.77 -5.07	31.02 -1.00 -3.53	30.19 -0.61 -1.72	28.65 -1.02 -1.27	27.41 -1.05 -0.08	26.39 -1.19 0.00
STEEL___WIND 323596	28.99 -0.99 0.00	27.98 -0.81 0.00	27.24 -1.11 0.00	27.36 -1.11 0.00	27.22 -1.45 -0.17	29.62 -1.46 -0.10	36.03 -1.79 -2.02	41.99 -3.44 -0.74	33.74 -2.07 -2.42	30.46 -1.51 -0.50	27.32 -1.54 -0.39	26.52 -1.63 0.00	26.79 -1.62 0.00	27.13 -2.05 -0.77	27.30 -2.30 -1.25	28.34 -2.02 -1.94	32.77 -2.49 -2.51	42.03 -3.66 -4.58	32.58 -1.71 -5.80	30.94 -1.60 -4.04	29.60 -1.45 -1.97	27.90 -1.96 -1.45	26.46 -2.01 -0.10	25.92 -1.65 0.00
STEPHTWN_115KV_BK_2 55603	31.12 1.14 0.00	29.88 1.09 0.00	29.31 0.96 0.00	29.41 0.94 0.00	30.46 1.17 -0.80	32.93 1.52 -0.44	46.74 1.72 -9.23	50.40 1.97 -3.74	46.06 1.50 -11.16	35.23 1.45 -2.32	31.55 1.28 -1.80	29.30 1.15 0.00	29.66 1.25 0.00	33.25 1.31 -3.54	35.45 1.33 -5.76	38.77 1.39 -8.97	47.17 1.57 -12.85	65.08 2.06 -21.92	56.70 1.45 -26.76	48.49 1.37 -18.63	39.58 1.43 -9.07	36.38 1.28 -6.70	30.16 1.33 -0.45	28.65 1.08 0.00
STEBEN_REC_LFGE 323667	30.43 0.45 0.00	29.25 0.46 0.00	28.49 0.14 0.00	28.58 0.11 0.00	28.62 -0.09 -0.21	31.16 0.06 -0.11	38.21 0.00 -2.42	44.95 -0.67 -0.94	35.99 -0.27 -2.86	32.12 0.06 -0.60	28.81 -0.11 -0.46	27.70 -0.45 0.00	27.92 -0.48 0.00	28.63 -0.68 -0.91	28.92 -0.91 -1.48	29.97 -0.74 -2.30	35.04 -0.92 -3.22	45.05 -1.52 -5.46	34.92 -0.43 -6.86	32.58 -0.68 -4.77	31.12 -0.29 -2.32	29.41 -0.71 -1.72	27.67 -0.82 -0.11	26.89 -0.69 0.00
STILLWATER___SOLAR 323814	31.57 1.59 0.00	30.34 1.55 0.00	29.77 1.42 0.00	30.00 1.54 0.00	30.97 1.65 -0.82	33.47 2.04 -0.45	47.76 2.44 -9.53	51.37 2.82 -3.87	47.06 2.11 -11.56	35.82 1.95 -2.41	32.01 1.68 -1.86	29.67 1.52 0.00	30.05 1.65 0.00	33.72 1.65 -3.67	35.99 1.67 -5.97	39.38 1.68 -9.29	47.95 1.90 -13.31	66.25 2.51 -22.63	58.00 1.80 -27.71	49.49 1.71 -19.29	40.19 1.72 -9.39	36.85 1.50 -6.94	30.43 1.59 -0.46	28.96 1.38 0.00
STONY___BROOK 24151	40.64 2.70 -7.96	40.15 2.53 -8.83	38.22 2.24 -7.63	38.25 2.45 -7.33	39.26 2.54 -8.23	41.25 3.04 -7.24	50.82 3.76 -11.27	91.64 4.83 -42.13	47.48 3.67 -10.41	42.10 3.62 -7.02	42.76 3.24 -11.05	42.10 3.07 -10.88	42.59 3.12 -11.06	42.92 3.10 -11.41	43.35 2.98 -12.03	44.98 2.95 -13.61	64.50 3.44 -28.32	78.18 4.48 -32.59	71.30 3.19 -39.61	63.82 3.02 -32.31	51.87 3.08 -19.70	47.73 2.84 -16.48	43.92 2.78 -12.76	41.75 2.37 -11.80
STURGEON_POOL_HYD 23609	31.78 1.80 0.00	30.43 1.64 0.00	29.80 1.45 0.00	29.83 1.37 0.00	30.61 1.45 -0.66	33.20 1.86 -0.36	45.69 2.29 -7.61	50.72 2.95 -3.09	44.73 2.14 -9.20	35.46 2.08 -1.92	31.80 1.85 -1.48	29.84 1.69 0.00	30.08 1.68 0.00	33.11 1.79 -2.92	34.80 1.70 -4.75	37.54 1.73 -7.40	45.40 2.06 -10.60	62.01 2.67 -18.22	52.46 1.91 -22.06	45.67 1.82 -15.35	38.42 1.86 -7.48	35.63 1.70 -5.52	30.34 1.59 -0.37	28.90 1.32 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.54 1.56 0.00	30.23 1.44 0.00	29.57 1.22 0.00	29.63 1.17 0.00	30.57 1.48 -0.59	33.10 1.80 -0.32	44.92 2.26 -6.87	50.42 2.95 -2.79	43.90 2.20 -8.30	35.36 2.17 -1.73	31.74 1.94 -1.34	29.95 1.80 0.00	30.20 1.79 0.00	32.89 1.85 -2.63	34.37 1.73 -4.29	36.85 1.76 -6.68	44.44 2.13 -9.56	59.92 2.80 -16.01	50.40 1.99 -19.91	44.24 1.88 -13.86	37.72 1.89 -6.75	35.10 1.70 -4.98	30.33 1.62 -0.33	28.93 1.35 0.00
SWANROAD_115KV_TB1 355699	28.03 -1.95 0.00	27.06 -1.73 0.00	26.34 -2.01 0.00	26.45 -2.02 0.00	26.61 -2.05 -0.17	28.93 -2.14 -0.09	35.02 -2.72 -1.94	40.52 -4.87 -0.71	32.73 -3.01 -2.34	29.65 -2.30 -0.49	26.54 -2.31 -0.38	25.42 -2.73 0.00	25.62 -2.78 0.00	26.37 -2.78 -0.74	26.61 -2.95 -1.21	27.62 -2.67 -1.89	31.80 -3.37 -2.42	40.27 -4.97 -4.13	31.58 -2.54 -5.62	29.56 -2.85 -3.91	28.81 -2.18 -1.91	27.14 -2.67 -1.41	25.81 -2.67 -0.09	25.04 -2.54 0.00
SYNERGY___BIOGAS 323694	29.17 -0.81 0.00	28.16 -0.63 0.00	27.42 -0.93 0.00	27.61 -0.85 0.00	27.77 -0.88 -0.16	30.29 -0.77 -0.09	36.66 -1.00 -1.87	42.98 -2.41 -0.71	34.39 -1.23 -2.24	31.02 -0.91 -0.47	27.86 -0.97 -0.36	26.77 -1.38 0.00	27.02 -1.39 0.00	27.67 -1.45 -0.71	27.92 -1.59 -1.15	28.93 -1.28 -1.80	33.52 -1.64 -2.41	42.86 -2.67 -4.42	32.80 -1.05 -5.36	31.26 -0.97 -3.73	30.09 -0.81 -1.82	28.36 -1.39 -1.34	27.02 -1.45 -0.09	26.14 -1.44 0.00
SYRACUSE___ENERGY_ST1 323597	30.04 0.06 0.00	28.85 0.06 0.00	28.32 -0.03 0.00	28.44 -0.03 0.00	28.63 0.00 -0.13	30.96 -0.09 -0.07	37.22 -0.11 -1.53	44.99 -0.31 -0.62	35.04 -0.20 -1.84	31.72 -0.13 -0.38	28.65 -0.11 -0.30	27.87 -0.28 0.00	28.18 -0.23 0.00	28.79 -0.20 -0.58	29.08 -0.23 -0.95	29.72 -0.17 -1.48	34.67 -0.20 -2.12	44.43 -0.29 -3.60	32.80 -0.11 -4.42	31.40 -0.17 -3.08	30.55 -0.03 -1.50	29.34 -0.17 -1.11	28.23 -0.23 -0.07	27.38 -0.19 0.00
SYRACUSE___ENERGY_ST2 323598	30.04 0.06 0.00	28.85 0.06 0.00	28.32 -0.03 0.00	28.44 -0.03 0.00	28.63 0.00 -0.13	30.96 -0.09 -0.07	37.22 -0.11 -1.53	44.99 -0.31 -0.62	35.04 -0.20 -1.84	31.72 -0.13 -0.38	28.65 -0.11 -0.30	27.87 -0.28 0.00	28.18 -0.23 0.00	28.79 -0.20 -0.58	29.08 -0.23 -0.95	29.72 -0.17 -1.48	34.67 -0.20 -2.12	44.43 -0.29 -3.60	32.80 -0.11 -4.42	31.40 -0.17 -3.08	30.55 -0.03 -1.50	29.34 -0.17 -1.11	28.23 -0.23 -0.07	27.38 -0.19 0.00
SYRACUSE___POWER 24017	29.95 -0.03 0.00	28.79 0.00 0.00	28.24 -0.11 0.00	28.35 -0.11 0.00	28.54 -0.09 -0.13	30.87 -0.19 -0.07	37.10 -0.25 -1.55	44.87 -0.45 -0.63	35.00 -0.27 -1.87	31.66 -0.19 -0.39	28.63 -0.14 -0.30	27.84 -0.31 0.00	28.12 -0.28 0.00	28.75 -0.26 -0.59	29.03 -0.28 -0.97	29.69 -0.23 -1.51	34.61 -0.29 -2.16	44.40 -0.37 -3.66	32.81 -0.17 -4.49	31.42 -0.20 -3.13	30.52 -0.09 -1.52	29.33 -0.20 -1.12	28.20 -0.26 -0.07	27.33 -0.25 0.00
TALLMAN___138KV_BK151 55660	31.75 1.77 0.00	30.40 1.61 0.00	29.74 1.39 0.00	29.78 1.31 0.00	30.76 1.65 -0.61	33.36 2.04 -0.33	45.45 2.58 -7.07	51.00 3.44 -2.87	44.48 2.54 -8.55	35.76 2.52 -1.78	32.12 2.28 -1.38	30.26 2.11 0.00	30.54 2.13 0.00	33.28 2.16 -2.71	34.78 2.01 -4.41	37.30 2.02 -6.87	45.04 2.46 -9.84	60.80 3.21 -16.48	51.29 2.31 -20.49	44.92 2.17 -14.26	38.21 2.18 -6.95	35.53 1.99 -5.13	30.59 1.87 -0.34	29.15 1.57 0.00
TEALLAVE_115KV_TB7 355573	29.83 -0.15 0.00	28.67 -0.12 0.00	28.12 -0.23 0.00	28.24 -0.23 0.00	28.45 -0.17 -0.12	30.71 -0.34 -0.07	36.78 -0.43 -1.41	44.54 -0.71 -0.57	34.66 -0.43 -1.70	31.44 -0.38 -0.35	28.46 -0.28 -0.27	27.70 -0.45 0.00	27.98 -0.43 0.00	28.58 -0.37 -0.54	28.80 -0.43 -0.88	29.41 -0.37 -1.37	34.21 -0.49 -1.96	43.82 -0.62 -3.32	32.23 -0.34 -4.08	30.97 -0.37 -2.84	30.24 -0.23 -1.38	29.09 -0.34 -1.02	28.08 -0.37 -0.07	27.22 -0.36 0.00

TELGRAPH_34_KV_EAST 80808	28.72 -1.26 0.00	27.72 -1.07 0.00	27.02 -1.33 0.00	27.13 -1.34 0.00	27.32 -1.34 -0.16	29.74 -1.33 -0.09	35.97 -1.72 -1.89	41.96 -3.44 -0.71	33.71 -1.97 -2.29	30.49 -1.45 -0.48	27.36 -1.48 -0.37	26.21 -1.94 0.00	26.42 -1.99 0.00	27.17 -1.96 -0.73	27.41 -2.13 -1.18	28.43 -1.82 -1.84	32.85 -2.32 -2.43	41.64 -3.62 -4.14	32.33 -1.65 -5.49	30.32 -1.99 -3.82	29.58 -1.37 -1.86	27.88 -1.90 -1.37	26.54 -1.93 -0.09	25.73 -1.85 0.00
TEMPLE___115KV_TB 2 55572	29.83 -0.15 0.00	28.67 -0.12 0.00	28.15 -0.20 0.00	28.24 -0.23 0.00	28.45 -0.17 -0.12	30.74 -0.31 -0.07	36.79 -0.43 -1.42	44.55 -0.71 -0.58	34.68 -0.43 -1.72	31.48 -0.35 -0.36	28.49 -0.26 -0.28	27.73 -0.42 0.00	28.01 -0.40 0.00	28.58 -0.37 -0.55	28.84 -0.40 -0.89	29.45 -0.34 -1.38	34.26 -0.46 -1.98	43.90 -0.58 -3.36	32.28 -0.34 -4.12	31.02 -0.34 -2.87	30.28 -0.20 -1.40	29.10 -0.34 -1.03	28.08 -0.37 -0.07	27.25 -0.33 0.00
TIANA___69_KV_BK 1 55817	40.97 3.03 -7.96	40.47 2.85 -8.83	38.53 2.55 -7.63	38.28 2.48 -7.33	39.57 2.85 -8.23	41.62 3.41 -7.24	51.38 4.33 -11.25	88.72 5.41 -38.62	48.06 4.14 -10.52	42.51 4.00 -7.05	43.13 3.59 -11.07	42.35 3.32 -10.88	42.82 3.35 -11.06	43.24 3.38 -11.45	43.73 3.29 -12.09	45.46 3.35 -13.70	65.22 4.03 -28.45	78.90 5.22 -32.57	72.07 3.70 -39.87	64.55 3.56 -32.50	52.48 3.61 -19.79	48.27 3.32 -16.54	44.29 3.15 -12.76	42.05 2.68 -11.80
TILDEN___115KV_TB1 80814	29.95 -0.03 0.00	28.79 0.00 0.00	28.24 -0.11 0.00	28.35 -0.11 0.00	28.54 -0.09 -0.13	30.87 -0.19 -0.07	37.10 -0.25 -1.55	44.87 -0.45 -0.63	35.00 -0.27 -1.87	31.66 -0.19 -0.39	28.63 -0.14 -0.30	27.84 -0.31 0.00	28.12 -0.28 0.00	28.75 -0.26 -0.59	29.03 -0.28 -0.97	29.69 -0.23 -1.51	34.61 -0.29 -2.16	44.40 -0.37 -3.66	32.81 -0.17 -4.49	31.42 -0.20 -3.13	30.52 -0.09 -1.52	29.33 -0.20 -1.12	28.20 -0.26 -0.07	27.33 -0.25 0.00
TRIGEN___CC 323695	40.31 2.37 -7.96	39.81 2.19 -8.83	37.91 1.93 -7.63	37.65 1.85 -7.33	38.92 2.19 -8.23	40.85 2.63 -7.24	50.22 3.29 -11.13	64.79 4.33 -15.77	47.11 3.24 -10.48	41.69 3.18 -7.05	42.44 2.90 -11.07	41.76 2.73 -10.88	42.17 2.70 -11.06	42.58 2.73 -11.45	43.02 2.58 -12.09	44.71 2.64 -13.66	64.34 3.14 -28.45	77.71 4.07 -32.53	71.12 2.88 -39.75	63.69 2.74 -32.46	51.63 2.79 -19.75	47.46 2.56 -16.50	43.61 2.47 -12.76	41.50 2.12 -11.80
TRINITY___115KV__ 4 BK 55933	30.82 0.84 0.00	29.59 0.81 0.00	29.06 0.71 0.00	29.12 0.65 0.00	30.18 0.88 -0.80	32.56 1.15 -0.44	46.26 1.22 -9.25	49.83 1.39 -3.75	45.72 1.14 -11.19	34.86 1.07 -2.33	31.21 0.94 -1.81	29.02 0.87 0.00	29.34 0.94 0.00	32.92 0.97 -3.55	35.12 0.99 -5.78	38.40 0.99 -9.00	46.77 1.15 -12.88	64.48 1.40 -21.97	56.32 1.00 -26.82	48.14 0.97 -18.67	39.22 1.05 -9.09	36.09 0.97 -6.72	29.82 0.99 -0.45	28.35 0.77 0.00
UNION___PROCESSING_DRP 323587	29.26 -0.72 0.00	28.18 -0.60 0.00	27.56 -0.79 0.00	27.70 -0.77 0.00	28.05 -0.60 -0.15	30.47 -0.59 -0.08	36.72 -0.82 -1.75	43.56 -1.83 -0.71	34.54 -0.97 -2.11	31.24 -0.66 -0.44	28.12 -0.68 -0.34	26.97 -1.18 0.00	27.19 -1.22 0.00	28.08 -0.99 -0.67	28.34 -1.11 -1.09	29.20 -0.91 -1.70	34.03 -1.15 -2.43	43.12 -2.14 -4.14	32.79 -0.77 -5.07	31.02 -1.00 -3.53	30.19 -0.61 -1.72	28.65 -1.02 -1.27	27.41 -1.05 -0.08	26.42 -1.16 0.00
UPPER HUDSON___HYD 24058	31.42 1.44 0.00	30.20 1.41 0.00	29.63 1.28 0.00	29.89 1.42 0.00	30.92 1.59 -0.83	33.44 2.01 -0.45	47.88 2.50 -9.58	51.39 2.82 -3.89	47.08 2.07 -11.62	35.77 1.89 -2.42	31.91 1.56 -1.87	29.45 1.30 0.00	29.88 1.48 0.00	33.57 1.48 -3.68	35.85 1.50 -6.00	39.11 1.36 -9.34	47.63 1.51 -13.38	65.96 2.10 -22.75	57.86 1.51 -27.85	49.22 1.34 -19.39	39.84 1.31 -9.44	36.40 1.02 -6.97	30.21 1.36 -0.46	28.85 1.27 0.00
UPPER RAQUET___HYD 24056	29.95 -0.03 0.00	28.76 -0.03 0.00	28.52 0.17 0.00	28.52 0.06 0.00	28.51 0.00 -0.02	31.02 0.03 -0.01	36.12 0.11 -0.21	45.36 0.58 -0.09	34.00 0.33 -0.27	31.65 0.13 -0.06	28.65 0.14 -0.04	28.40 0.25 0.00	28.61 0.20 0.00	28.69 0.20 -0.08	28.74 0.25 -0.14	28.85 0.23 -0.22	33.28 0.23 -0.31	41.97 0.33 -0.53	29.36 0.23 -0.64	29.08 0.14 -0.45	29.45 0.15 -0.22	28.68 0.11 -0.16	28.45 0.06 -0.01	27.66 0.08 0.00
VALLEY44_115KV_TB2 355964	29.38 -0.60 0.00	28.33 -0.46 0.00	27.56 -0.79 0.00	27.61 -0.85 0.00	26.97 -1.71 -0.18	29.38 -1.70 -0.10	35.98 -1.93 -2.12	42.35 -3.13 -0.80	33.85 -2.10 -2.56	30.49 -1.51 -0.53	27.29 -1.59 -0.41	26.97 -1.18 0.00	27.19 -1.22 0.00	27.12 -2.10 -0.81	27.24 -2.44 -1.32	28.17 -2.30 -2.06	32.92 -2.55 -2.73	42.40 -3.33 -4.61	32.93 -1.71 -6.15	30.72 -2.05 -4.28	29.60 -1.57 -2.08	27.93 -2.02 -1.54	26.35 -2.13 -0.10	26.39 -1.19 0.00
VALLEY___115KV_TB 1-4 80826	31.09 1.11 0.00	29.91 1.12 0.00	29.40 1.05 0.00	29.49 1.02 0.00	29.54 1.03 -0.02	32.10 1.12 -0.01	37.28 1.29 -0.19	46.24 1.47 -0.08	34.73 1.10 -0.24	32.55 1.04 -0.05	29.47 0.97 -0.04	29.05 0.90 0.00	29.32 0.91 0.00	29.36 0.88 -0.07	29.32 0.85 -0.12	29.45 0.85 -0.19	34.06 1.05 -0.27	42.85 1.27 -0.46	30.00 0.94 -0.56	29.71 0.83 -0.39	30.03 0.76 -0.19	29.20 0.65 -0.14	28.96 0.57 -0.01	28.07 0.50 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.75 1.77 0.00	30.57 1.78 0.00	29.94 1.59 0.00	30.00 1.54 0.00	30.44 1.62 -0.32	33.10 1.95 -0.17	41.91 2.43 -3.68	48.99 2.82 -1.49	40.05 2.20 -4.45	34.40 2.01 -0.93	30.98 1.79 -0.72	29.75 1.60 0.00	30.08 1.68 0.00	31.49 1.68 -1.41	32.26 1.62 -2.30	33.69 1.70 -3.58	39.91 2.06 -5.11	52.35 2.55 -8.69	41.16 1.99 -10.67	37.77 1.85 -7.43	34.62 1.92 -3.62	32.70 1.62 -2.67	30.09 1.53 -0.18	28.93 1.35 0.00
VISCHER___FERRY HYD 24020	31.27 1.29 0.00	30.03 1.24 0.00	29.46 1.10 0.00	29.72 1.25 0.00	30.62 1.31 -0.81	33.06 1.64 -0.44	47.01 1.82 -9.38	50.64 2.14 -3.81	46.44 1.67 -11.38	35.41 1.57 -2.37	31.70 1.39 -1.84	29.42 1.27 0.00	29.80 1.39 0.00	33.41 1.39 -3.61	35.62 1.39 -5.88	38.98 1.42 -9.15	47.46 1.60 -13.11	65.41 2.01 -22.29	57.24 1.45 -27.29	48.91 1.42 -19.00	39.82 1.48 -9.25	36.60 1.36 -6.83	30.23 1.39 -0.46	28.74 1.16 0.00
V_A_10_SYNC_DSASP 323832	28.60 -1.38 0.00	27.58 -1.21 0.00	26.91 -1.44 0.00	27.04 -1.42 0.00	27.37 -1.28 -0.16	29.74 -1.33 -0.09	35.92 -1.72 -1.84	42.12 -3.35 -0.79	33.63 -1.97 -2.21	30.45 -1.48 -0.46	27.34 -1.48 -0.36	26.21 -1.94 0.00	26.47 -1.93 0.00	27.23 -1.88 -0.70	27.45 -2.04 -1.14	28.40 -1.79 -1.78	33.12 -2.29 -2.67	42.33 -3.62 -4.83	32.17 -1.62 -5.30	30.70 -1.48 -3.69	29.51 -1.37 -1.80	27.91 -1.82 -1.33	26.65 -1.82 -0.09	25.68 -1.90 0.00
V_CMM_10_SYNC_DSASP 323787	29.65 -0.33 0.00	28.44 -0.34 0.00	28.18 -0.17 0.00	28.18 -0.28 0.00	28.18 -0.31 0.00	30.64 -0.34 0.00	35.44 -0.36 0.00	44.46 -0.22 0.00	33.16 -0.23 0.00	31.12 -0.35 0.00	28.18 -0.28 0.00	28.01 -0.14 0.00	28.21 -0.20 0.00	28.21 -0.20 0.00	28.18 -0.17 0.00	28.21 -0.20 0.00	32.48 -0.26 0.00	40.83 -0.29 0.00	28.15 -0.34 0.00	28.15 -0.34 0.00	28.71 -0.38 0.00	28.15 -0.26 0.00	28.12 -0.26 0.00	27.39 -0.19 0.00

V_CMP_10_SYNC_DSASP 323788	30.88 0.90 0.00	29.57 0.78 0.00	29.29 0.93 0.00	29.32 0.85 0.00	29.23 0.74 0.00	31.88 0.90 0.00	36.87 1.07 0.00	46.29 1.61 0.00	34.49 1.10 0.00	32.38 0.91 0.00	29.29 0.83 0.00	29.08 0.93 0.00	29.29 0.88 0.00	29.20 0.79 0.00	29.09 0.74 0.00	29.03 0.62 0.00	33.36 0.62 0.00	41.94 0.82 0.00	28.92 0.43 0.00	28.86 0.37 0.00	29.52 0.44 0.00	28.78 0.37 0.00	28.58 0.20 0.00	27.74 0.17 0.00
V_E_10_SYNC_DSASP 323830	32.83 2.85 0.00	31.73 2.94 0.00	30.93 2.58 0.00	31.11 2.65 0.00	31.26 2.51 -0.26	34.09 2.97 -0.14	42.51 3.76 -2.95	49.98 4.11 -1.19	40.01 3.04 -3.58	34.79 2.58 -0.74	31.21 2.16 -0.58	30.09 1.94 0.00	30.57 2.16 0.00	31.56 2.02 -1.13	32.30 2.10 -1.85	33.58 2.30 -2.88	39.85 3.01 -4.09	51.87 3.74 -7.01	40.04 2.96 -8.58	37.26 2.79 -5.97	34.70 2.71 -2.91	32.69 2.13 -2.15	30.45 1.93 -0.14	29.32 1.74 0.00
V_F_30_NSYNC___DSASP 323816	31.63 1.65 0.00	30.40 1.61 0.00	29.80 1.45 0.00	30.06 1.59 0.00	31.03 1.71 -0.83	33.54 2.11 -0.45	47.81 2.47 -9.55	51.46 2.90 -3.87	47.15 2.17 -11.58	35.86 1.98 -2.41	32.04 1.71 -1.87	29.70 1.55 0.00	30.11 1.70 0.00	33.79 1.70 -3.67	36.06 1.73 -5.98	39.46 1.73 -9.31	48.05 1.96 -13.34	66.35 2.55 -22.68	58.09 1.83 -27.77	49.57 1.74 -19.33	40.24 1.74 -9.42	36.89 1.53 -6.95	30.46 1.62 -0.46	29.01 1.43 0.00
V_F_30_SYNC_DSASP 323786	30.91 0.93 0.00	29.71 0.92 0.00	29.14 0.79 0.00	29.24 0.77 0.00	30.27 0.97 -0.81	32.69 1.27 -0.44	46.48 1.36 -9.33	50.08 1.61 -3.78	45.94 1.27 -11.28	35.01 1.20 -2.35	31.34 1.05 -1.82	29.14 0.99 0.00	29.46 1.05 0.00	33.06 1.08 -3.58	35.28 1.11 -5.82	38.61 1.14 -9.07	47.01 1.28 -12.99	64.87 1.60 -22.15	56.68 1.14 -27.04	48.43 1.11 -18.83	39.42 1.16 -9.17	36.23 1.05 -6.77	29.91 1.08 -0.45	28.43 0.85 0.00
V_XM_10_SYNC_DSASP 323789	30.88 0.90 0.00	29.57 0.78 0.00	29.29 0.93 0.00	29.32 0.85 0.00	29.23 0.74 0.00	31.88 0.90 0.00	36.87 1.07 0.00	46.29 1.61 0.00	34.49 1.10 0.00	32.38 0.91 0.00	29.29 0.83 0.00	29.08 0.93 0.00	29.29 0.88 0.00	29.20 0.79 0.00	29.09 0.74 0.00	29.03 0.62 0.00	33.36 0.62 0.00	41.94 0.82 0.00	28.92 0.43 0.00	28.86 0.37 0.00	29.52 0.44 0.00	28.78 0.37 0.00	28.58 0.20 0.00	27.74 0.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.84 1.86 0.00	30.49 1.70 0.00	29.83 1.47 0.00	29.86 1.39 0.00	30.85 1.74 -0.62	33.45 2.14 -0.34	45.71 2.79 -7.12	51.23 3.66 -2.88	44.69 2.70 -8.59	35.93 2.67 -1.79	32.24 2.39 -1.39	30.37 2.22 0.00	30.65 2.24 0.00	33.43 2.30 -2.72	34.94 2.15 -4.43	37.47 2.16 -6.90	45.25 2.62 -9.89	61.13 3.45 -16.56	51.56 2.48 -20.59	45.13 2.31 -14.33	38.39 2.33 -6.98	35.66 2.10 -5.15	30.71 1.99 -0.34	29.26 1.68 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.02 2.04 0.00	30.80 2.02 0.00	30.11 1.76 0.00	30.12 1.65 0.00	31.21 2.08 -0.64	33.81 2.48 -0.35	46.41 3.22 -7.39	52.06 4.38 -3.00	45.60 3.27 -8.94	36.60 3.27 -1.86	32.87 2.96 -1.44	30.94 2.79 0.00	31.13 2.73 0.00	33.97 2.73 -2.83	35.55 2.58 -4.62	38.24 2.64 -7.19	46.15 3.11 -10.29	62.45 4.07 -17.27	52.77 2.85 -21.43	46.09 2.68 -14.92	39.05 2.70 -7.26	36.24 2.47 -5.36	31.12 2.38 -0.36	29.56 1.99 0.00
W50THST__13_KV_LOAD 356117	32.17 2.19 0.00	30.83 2.04 0.00	30.14 1.79 0.00	30.15 1.68 0.00	31.24 2.11 -0.64	33.84 2.51 -0.35	46.44 3.26 -7.39	52.11 4.42 -3.00	45.64 3.31 -8.94	36.60 3.27 -1.86	32.90 2.99 -1.44	30.97 2.82 0.00	31.16 2.76 0.00	34.00 2.76 -2.83	35.57 2.61 -4.62	38.26 2.67 -7.19	46.18 3.14 -10.29	62.45 4.07 -17.27	52.80 2.88 -21.43	46.09 2.68 -14.92	39.08 2.73 -7.26	36.24 2.47 -5.36	31.12 2.38 -0.36	29.59 2.01 0.00
WADING RIVER_IC_1 23522	40.73 2.79 -7.96	40.27 2.65 -8.83	38.33 2.35 -7.63	38.33 2.53 -7.33	39.37 2.65 -8.23	41.38 3.16 -7.24	51.06 4.01 -11.25	88.39 5.00 -38.70	47.64 3.84 -10.41	42.26 3.77 -7.02	42.88 3.36 -11.05	42.18 3.15 -10.88	42.65 3.18 -11.06	43.00 3.18 -11.41	43.44 3.06 -12.03	45.11 3.10 -13.61	64.76 3.70 -28.32	78.54 4.85 -32.58	71.54 3.45 -39.59	64.10 3.30 -32.30	52.13 3.34 -19.70	47.95 3.07 -16.47	44.06 2.92 -12.76	41.86 2.48 -11.80
WADING RIVER_IC_2 23547	40.73 2.79 -7.96	40.27 2.65 -8.83	38.33 2.35 -7.63	38.33 2.53 -7.33	39.37 2.65 -8.23	41.38 3.16 -7.24	51.06 4.01 -11.25	88.39 5.00 -38.70	47.64 3.84 -10.41	42.26 3.77 -7.02	42.88 3.36 -11.05	42.18 3.15 -10.88	42.65 3.18 -11.06	43.00 3.18 -11.41	43.44 3.06 -12.03	45.11 3.10 -13.61	64.76 3.70 -28.32	78.54 4.85 -32.58	71.54 3.45 -39.59	64.10 3.30 -32.30	52.13 3.34 -19.70	47.95 3.07 -16.47	44.06 2.92 -12.76	41.86 2.48 -11.80
WADING RIVER_IC_3 23601	40.73 2.79 -7.96	40.27 2.65 -8.83	38.33 2.35 -7.63	38.33 2.53 -7.33	39.37 2.65 -8.23	41.38 3.16 -7.24	51.06 4.01 -11.25	88.39 5.00 -38.70	47.64 3.84 -10.41	42.26 3.77 -7.02	42.88 3.36 -11.05	42.18 3.15 -10.88	42.65 3.18 -11.06	43.00 3.18 -11.41	43.44 3.06 -12.03	45.11 3.10 -13.61	64.76 3.70 -28.32	78.54 4.85 -32.58	71.54 3.45 -39.59	64.10 3.30 -32.30	52.13 3.34 -19.70	47.95 3.07 -16.47	44.06 2.92 -12.76	41.86 2.48 -11.80
WALDENNY_12_KV_BK2 80841	28.96 -1.02 0.00	27.95 -0.83 0.00	27.19 -1.16 0.00	27.30 -1.17 0.00	27.24 -1.42 -0.17	29.62 -1.46 -0.09	36.02 -1.79 -2.01	41.98 -3.44 -0.74	33.76 -2.07 -2.43	30.52 -1.45 -0.51	27.32 -1.54 -0.39	26.40 -1.75 0.00	26.62 -1.79 0.00	27.16 -2.02 -0.77	27.34 -2.27 -1.26	28.38 -1.99 -1.96	32.82 -2.46 -2.53	41.76 -3.66 -4.31	32.62 -1.71 -5.83	30.48 -2.08 -4.06	29.64 -1.43 -1.98	27.94 -1.93 -1.46	26.46 -2.01 -0.10	25.87 -1.71 0.00
WALDEN___HYDRO 24148	31.75 1.77 0.00	30.40 1.61 0.00	29.77 1.42 0.00	30.03 1.56 0.00	30.77 1.65 -0.62	33.33 2.01 -0.34	45.52 2.54 -7.18	50.86 3.26 -2.91	44.34 2.34 -8.61	35.52 2.27 -1.79	31.85 1.99 -1.39	30.01 1.86 0.00	30.31 1.90 0.00	33.10 1.96 -2.73	34.64 1.84 -4.45	37.24 1.90 -6.93	44.99 2.33 -9.92	61.03 3.04 -16.87	51.37 2.22 -20.65	44.98 2.11 -14.38	38.15 2.07 -7.00	35.42 1.85 -5.17	30.46 1.73 -0.34	29.04 1.46 0.00
WARRENSBURG____ 23737	31.42 1.44 0.00	30.20 1.41 0.00	29.63 1.28 0.00	29.89 1.42 0.00	30.92 1.59 -0.83	33.44 2.01 -0.45	47.88 2.50 -9.58	51.39 2.82 -3.89	47.08 2.07 -11.62	35.77 1.89 -2.42	31.91 1.56 -1.87	29.45 1.30 0.00	29.88 1.48 0.00	33.57 1.48 -3.68	35.85 1.50 -6.00	39.11 1.36 -9.34	47.63 1.51 -13.38	65.96 2.10 -22.75	57.86 1.51 -27.85	49.22 1.34 -19.39	39.84 1.31 -9.44	36.40 1.02 -6.97	30.21 1.36 -0.46	28.85 1.27 0.00
WATERSIDE____6 8 9 23538	32.11 2.13 0.00	30.69 1.90 0.00	30.00 1.64 0.00	29.98 1.51 0.00	31.07 1.94 -0.64	33.53 2.20 -0.35	45.94 2.76 -7.39	51.57 3.89 -3.00	45.24 2.91 -8.94	36.25 2.93 -1.86	32.56 2.65 -1.44	30.66 2.51 0.00	30.85 2.44 0.00	33.69 2.44 -2.83	35.29 2.32 -4.62	37.95 2.36 -7.19	45.82 2.78 -10.30	62.04 3.66 -17.27	52.49 2.56 -21.43	45.81 2.39 -14.92	38.76 2.41 -7.27	35.99 2.22 -5.37	30.89 2.16 -0.36	29.40 1.82 0.00

WATKINRD_115KV_LN8_ILLION 55919	30.79 0.81 0.00	29.57 0.78 0.00	29.09 0.74 0.00	29.18 0.71 0.00	29.25 0.74 -0.02	31.79 0.81 -0.01	36.96 0.97 -0.19	45.84 1.07 -0.08	34.43 0.80 -0.24	32.27 0.76 -0.05	29.19 0.68 -0.04	28.80 0.65 0.00	29.06 0.65 0.00	29.14 0.65 -0.07	29.10 0.62 -0.12	29.25 0.65 -0.19	33.80 0.79 -0.27	42.56 0.99 -0.46	29.80 0.74 -0.56	29.54 0.66 -0.39	29.92 0.64 -0.19	29.12 0.57 -0.14	28.90 0.51 -0.01	28.05 0.47 0.00
WATSON___69_KV_BK 1 55734	40.82 2.88 -7.96	40.30 2.68 -8.83	38.39 2.41 -7.63	38.13 2.33 -7.33	39.43 2.71 -8.23	41.50 3.28 -7.24	50.48 3.51 -11.17	72.84 4.42 -23.73	47.40 3.51 -10.50	42.29 3.78 -7.05	42.90 3.36 -11.07	42.18 3.15 -10.88	42.65 3.18 -11.06	43.04 3.18 -11.45	43.50 3.06 -12.09	44.78 2.70 -13.67	64.90 3.70 -28.45	77.85 4.19 -32.54	71.25 2.96 -39.79	64.01 3.05 -32.47	52.17 3.32 -19.77	47.65 2.73 -16.52	44.12 2.98 -12.76	41.94 2.56 -11.80
WDELAWARE___HYD 323627	31.36 1.38 0.00	30.09 1.30 0.00	29.43 1.08 0.00	29.69 1.22 0.00	30.40 1.34 -0.57	32.90 1.61 -0.31	44.55 2.18 -6.57	50.08 2.73 -2.67	43.21 1.87 -7.95	34.82 1.70 -1.66	31.20 1.45 -1.28	29.47 1.32 0.00	29.20 0.79 0.00	31.81 0.88 -2.52	33.31 0.85 -4.11	35.68 0.88 -6.39	43.08 1.18 -9.16	58.34 1.65 -15.58	48.78 1.22 -19.06	42.88 1.11 -13.27	37.35 1.80 -6.46	34.80 1.62 -4.77	30.14 1.45 -0.32	28.76 1.19 0.00
WEST BABYLON___IC 23714	40.70 2.76 -7.96	40.18 2.56 -8.83	38.27 2.30 -7.63	38.02 2.22 -7.33	39.32 2.59 -8.23	41.34 3.13 -7.24	50.59 3.65 -11.14	66.93 4.65 -17.60	47.49 3.61 -10.48	42.13 3.62 -7.05	42.81 3.27 -11.07	42.10 3.07 -10.88	42.57 3.10 -11.06	42.95 3.10 -11.45	43.41 2.98 -12.09	44.91 2.84 -13.66	64.73 3.54 -28.45	77.92 4.28 -32.53	71.30 3.05 -39.76	63.95 2.99 -32.46	52.01 3.17 -19.75	47.72 2.81 -16.50	44.04 2.89 -12.76	41.86 2.48 -11.80
WEST CANADA___HYD 24049	30.16 0.18 0.00	28.96 0.17 0.00	28.49 0.14 0.00	28.64 0.17 0.00	28.68 0.17 -0.02	31.18 0.19 -0.01	36.21 0.22 -0.19	44.99 0.22 -0.08	33.83 0.20 -0.24	31.67 0.16 -0.05	28.65 0.14 -0.04	28.29 0.14 0.00	28.55 0.14 0.00	28.62 0.14 -0.07	28.61 0.14 -0.12	28.77 0.17 -0.19	33.21 0.20 -0.27	41.82 0.25 -0.46	29.26 0.20 -0.56	29.06 0.17 -0.39	29.45 0.18 -0.19	28.69 0.14 -0.14	28.53 0.14 -0.01	27.69 0.11 0.00
WESTERN_NY_WIND 24143	29.11 -0.87 0.00	28.10 -0.69 0.00	27.39 -0.96 0.00	27.53 -0.94 0.00	27.75 -0.91 -0.16	30.23 -0.84 -0.09	36.56 -1.11 -1.88	42.85 -2.55 -0.71	34.33 -1.34 -2.27	31.02 -0.91 -0.47	27.81 -1.02 -0.37	26.60 -1.55 0.00	26.82 -1.59 0.00	27.62 -1.51 -0.72	27.88 -1.64 -1.17	28.90 -1.34 -1.82	33.48 -1.70 -2.43	42.46 -2.80 -4.14	32.82 -1.11 -5.44	30.80 -1.48 -3.79	30.06 -0.87 -1.84	28.32 -1.45 -1.36	26.99 -1.48 -0.09	26.09 -1.49 0.00
WESTOVER___LESR 323668	30.43 0.45 0.00	29.25 0.46 0.00	28.63 0.28 0.00	28.72 0.26 0.00	28.96 0.20 -0.27	31.40 0.28 -0.15	39.29 0.39 -3.10	46.11 0.18 -1.25	37.48 0.33 -3.75	32.69 0.44 -0.78	29.41 0.34 -0.61	28.38 0.23 0.00	28.66 0.26 0.00	29.77 0.17 -1.19	30.35 0.06 -1.94	31.54 0.11 -3.02	37.22 0.20 -4.28	48.63 0.16 -7.35	37.84 0.34 -9.00	34.99 0.23 -6.27	32.51 0.38 -3.05	30.80 0.14 -2.25	28.61 0.09 -0.15	27.69 0.11 0.00
WETHRSFD_WT_PWR 323626	29.26 -0.72 0.00	28.16 -0.63 0.00	27.44 -0.91 0.00	27.58 -0.88 0.00	27.51 -1.17 -0.19	29.94 -1.15 -0.10	36.47 -1.50 -2.18	42.60 -2.90 -0.82	34.23 -1.77 -2.61	30.75 -1.26 -0.54	27.58 -1.31 -0.42	26.66 -1.49 0.00	26.93 -1.48 0.00	27.42 -1.82 -0.83	27.63 -2.07 -1.35	28.63 -1.88 -2.10	33.21 -2.32 -2.79	42.71 -3.41 -5.01	33.15 -1.60 -6.25	31.42 -1.42 -4.35	29.93 -1.28 -2.12	28.27 -1.70 -1.57	26.70 -1.79 -0.10	26.06 -1.52 0.00
WHAVSTOR_138KV_BK127 55557	31.75 1.77 0.00	30.40 1.61 0.00	29.71 1.36 0.00	29.75 1.28 0.00	30.74 1.62 -0.62	33.33 2.01 -0.34	45.50 2.58 -7.13	50.97 3.40 -2.89	44.54 2.54 -8.60	35.77 2.52 -1.79	32.13 2.28 -1.39	30.26 2.11 0.00	30.51 2.10 0.00	33.30 2.16 -2.73	34.81 2.01 -4.44	37.34 2.02 -6.92	45.08 2.42 -9.91	60.92 3.21 -16.60	51.43 2.31 -20.63	44.99 2.14 -14.36	38.26 2.18 -6.99	35.53 1.96 -5.16	30.60 1.87 -0.34	29.15 1.57 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.75 1.77 0.00	30.40 1.61 0.00	29.71 1.36 0.00	29.75 1.28 0.00	30.74 1.62 -0.62	33.33 2.01 -0.34	45.50 2.58 -7.13	50.97 3.40 -2.89	44.54 2.54 -8.60	35.77 2.52 -1.79	32.13 2.28 -1.39	30.26 2.11 0.00	30.51 2.10 0.00	33.30 2.16 -2.73	34.81 2.01 -4.44	37.34 2.02 -6.92	45.08 2.42 -9.91	60.92 3.21 -16.60	51.43 2.31 -20.63	44.99 2.14 -14.36	38.26 2.18 -6.99	35.53 1.96 -5.16	30.60 1.87 -0.34	29.15 1.57 0.00
WHITEHAL_115KV_TB1 80871	32.23 2.25 0.00	31.01 2.22 0.00	30.36 2.01 0.00	30.49 2.02 0.00	31.74 2.42 -0.83	34.44 3.00 -0.45	49.16 3.79 -9.56	52.95 4.38 -3.88	48.17 3.21 -11.57	36.80 2.93 -2.41	32.75 2.42 -1.87	30.26 2.11 0.00	30.71 2.30 0.00	34.43 2.36 -3.67	36.73 2.41 -5.97	40.07 2.36 -9.30	48.75 2.68 -13.32	67.52 3.70 -22.71	58.85 2.62 -27.73	50.17 2.37 -19.31	40.81 2.33 -9.40	37.25 1.90 -6.94	31.00 2.16 -0.46	29.54 1.96 0.00
WHITEPLN_13_KV_LOAD 356215	32.08 2.10 0.00	30.75 1.96 0.00	30.05 1.70 0.00	30.09 1.62 0.00	31.18 2.05 -0.64	33.84 2.51 -0.35	46.40 3.22 -7.38	52.02 4.33 -2.99	45.42 3.11 -8.92	36.37 3.05 -1.86	32.67 2.76 -1.44	30.71 2.56 0.00	30.99 2.59 0.00	33.82 2.59 -2.83	35.40 2.44 -4.61	38.11 2.53 -7.18	46.03 3.01 -10.28	62.26 3.91 -17.24	52.66 2.76 -21.40	45.95 2.56 -14.90	38.96 2.62 -7.25	36.12 2.36 -5.36	31.01 2.27 -0.36	29.48 1.90 0.00
WM_FLOYD_69_KV_BK2 356380	40.70 2.76 -7.96	40.24 2.62 -8.83	38.30 2.32 -7.63	38.05 2.25 -7.33	39.34 2.62 -8.23	41.34 3.13 -7.24	51.02 3.97 -11.25	88.02 4.96 -38.37	47.72 3.81 -10.52	42.22 3.71 -7.05	42.84 3.30 -11.07	42.12 3.10 -10.88	42.59 3.12 -11.06	43.01 3.15 -11.45	43.50 3.06 -12.09	45.18 3.07 -13.70	64.86 3.67 -28.45	78.41 4.73 -32.57	71.73 3.36 -39.87	64.21 3.22 -32.50	52.16 3.29 -19.79	47.99 3.04 -16.54	44.04 2.89 -12.76	41.83 2.45 -11.80
WOODARD___115KV_TB2 355635	29.77 -0.21 0.00	28.62 -0.17 0.00	28.07 -0.28 0.00	28.18 -0.28 0.00	28.39 -0.23 -0.12	30.68 -0.37 -0.07	36.77 -0.47 -1.44	44.51 -0.76 -0.58	34.63 -0.50 -1.74	31.42 -0.41 -0.36	28.38 -0.37 -0.28	27.64 -0.51 0.00	27.92 -0.48 0.00	28.53 -0.43 -0.55	28.77 -0.48 -0.90	29.38 -0.43 -1.40	34.22 -0.52 -2.00	43.84 -0.66 -3.39	32.29 -0.37 -4.16	30.96 -0.43 -2.90	30.20 -0.29 -1.41	29.05 -0.40 -1.04	28.02 -0.43 -0.07	27.19 -0.39 0.00
YORK___WARBASSE 23770	32.36 2.37 -0.01	30.92 2.13 0.00	30.19 1.84 0.00	30.17 1.71 0.00	31.27 2.14 -0.64	33.68 2.35 -0.35	46.02 2.83 -7.39	51.66 3.98 -3.00	45.30 2.97 -8.94	36.31 2.99 -1.86	32.64 2.73 -1.44	30.74 2.59 0.00	30.94 2.53 0.00	33.80 2.56 -2.83	35.41 2.44 -4.62	38.04 2.44 -7.19	45.95 2.91 -10.30	62.25 3.86 -17.27	52.63 2.71 -21.43	45.92 2.51 -14.92	38.85 2.50 -7.27	36.13 2.36 -5.37	31.06 2.33 -0.36	29.56 1.99 0.00