

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										11/20/2023	
Generator Data		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		
Name	PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
59TH STREET_GT_1 24138		30.51	29.06	28.70	28.93	30.35	34.80	48.51	54.88	43.57	36.27	34.58	32.51	32.35	32.44	35.05	39.02	50.79	72.08	61.31	51.85	45.42	41.65	36.99	35.28		
		1.28	1.28	1.16	1.17	1.31	1.50	2.70	3.01	2.54	2.28	2.08	2.10	2.14	2.07	2.29	2.43	3.20	4.12	3.55	3.07	2.63	2.34	2.24	1.71		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.29	-1.90	-9.86	-3.95	-2.22	-1.69	-3.79	-0.21	-0.04		
74TH STREET_GT_1 24260		30.51	29.06	28.76	28.98	30.38	34.80	48.46	54.83	43.49	36.23	34.55	32.48	32.29	32.41	35.05	39.02	50.75	72.02	61.31	51.85	45.38	41.65	36.99	35.28		
		1.29	1.28	1.21	1.22	1.34	1.50	2.66	2.96	2.46	2.24	2.05	2.07	2.08	2.04	2.29	2.43	3.15	4.07	3.55	3.07	2.59	2.34	2.24	1.71		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.29	-1.90	-9.86	-3.96	-2.22	-1.69	-3.79	-0.21	-0.04		
74TH STREET_GT_2 24261		30.51	29.06	28.76	28.98	30.38	34.80	48.46	54.83	43.49	36.23	34.55	32.48	32.29	32.41	35.05	39.02	50.75	72.02	61.31	51.85	45.38	41.65	36.99	35.28		
		1.29	1.28	1.21	1.22	1.34	1.50	2.66	2.96	2.46	2.24	2.05	2.07	2.08	2.04	2.29	2.43	3.15	4.07	3.55	3.07	2.59	2.34	2.24	1.71		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.29	-1.90	-9.86	-3.96	-2.22	-1.69	-3.79	-0.21	-0.04		
ADK HUDSON___FALLS 24011		31.33	29.78	29.53	29.79	31.22	36.03	49.88	56.39	44.52	36.50	34.91	32.54	32.38	32.56	35.28	39.18	51.01	74.03	62.28	52.27	45.73	42.25	36.83	36.29		
		2.10	2.00	1.98	2.03	2.18	2.73	4.08	4.51	3.49	2.52	2.41	2.13	2.17	2.19	2.52	2.06	2.97	3.78	3.60	2.98	2.55	2.06	2.04	2.72		
		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	-2.83	-2.34	-12.16	-4.87	-2.74	-2.08	-4.67	-0.26	-0.04		
ADK RESOURCE___RCVRY 23798		31.56	30.00	29.72	30.04	31.48	36.39	50.48	56.96	45.05	36.88	35.20	32.82	32.65	32.81	35.60	39.45	51.47	74.61	62.88	52.74	46.14	42.53	37.11	36.63		
		2.34	2.22	2.18	2.28	2.44	3.10	4.67	5.09	4.02	2.89	2.70	2.40	2.45	2.43	2.85	2.33	3.43	4.36	4.20	3.44	2.96	2.34	2.31	3.05		
		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	-2.83	-2.34	-12.16	-4.88	-2.74	-2.08	-4.67	-0.26	-0.04		
ADK S GLENS___FALLS 24028		31.33	29.78	29.53	29.79	31.22	36.03	49.88	56.39	44.52	36.50	34.91	32.54	32.38	32.56	35.28	39.18	51.01	74.03	62.28	52.27	45.73	42.25	36.83	36.29		
		2.10	2.00	1.98	2.03	2.18	2.73	4.08	4.51	3.49	2.52	2.41	2.13	2.17	2.19	2.52	2.06	2.97	3.78	3.60	2.98	2.55	2.06	2.04	2.72		
		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	-2.83	-2.34	-12.16	-4.87	-2.74	-2.08	-4.67	-0.26	-0.04		
ADK_NYS___DAM 23527		30.62	29.14	28.76	29.15	30.55	34.96	48.23	54.88	43.24	35.62	34.19	32.02	31.96	32.17	34.75	39.05	50.79	73.34	61.91	52.09	45.62	42.13	36.89	35.35		
		1.40	1.36	1.21	1.39	1.51	1.66	2.43	3.01	2.21	1.63	1.69	1.61	1.75	1.79	2.00	2.02	2.83	3.49	3.39	2.89	2.51	2.10	2.11	1.78		
		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	-2.74	-2.26	-11.77	-4.72	-2.65	-2.01	-4.52	-0.25	-0.04		
AIR_PRODUCTS___DRP 24190		29.43	28.00	27.77	28.01	29.31	33.60	46.45	52.55	41.52	34.30	32.83	30.75	30.66	30.83	33.34	37.72	48.93	71.07	59.67	50.15	43.90	40.73	35.41	33.98		
		0.20	0.22	0.22	0.25	0.26	0.30	0.64	0.67	0.49	0.31	0.33	0.33	0.45	0.46	0.59	0.69	0.96	1.16	1.13	0.93	0.78	0.67	0.62	0.40		
		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	-2.75	-2.27	-11.81	-4.74	-2.66	-2.02	-4.54	-0.25	-0.04		
AKWESSNE_115KV_BK 355683		27.18	25.81	25.81	26.12	27.39	32.83	46.17	51.87	41.77	34.30	33.05	30.32	30.15	30.38	32.98	35.41	46.77	60.61	55.89	48.26	43.55	36.90	35.23	34.41		
		-2.05	-1.97	-1.74	-1.64	-1.66	-0.47	0.37	0.00	0.74	0.31	0.55	-0.09	-0.06	0.00	0.23	1.03	1.01	2.15	1.94	1.63	2.38	1.24	0.69	0.87		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.07	-0.37	-0.15	-0.08	-0.06	-0.14	-0.01	0.00		
ALBANY___1 23571		29.43	28.00	27.77	28.01	29.31	33.60	46.45	52.55	41.52	34.30	32.83	30.75	30.66	30.83	33.34	37.72	48.93	71.07	59.67	50.15	43.90	40.73	35.41	33.98		
		0.20	0.22	0.22	0.25	0.26	0.30	0.64	0.67	0.49	0.31	0.33	0.33	0.45	0.46	0.59	0.69	0.96	1.16	1.13	0.93	0.78	0.67	0.62	0.40		
		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	-2.75	-2.27	-11.81	-4.74	-2.66	-2.02	-4.54	-0.25	-0.04		
ALBANY___2 23572		29.43	28.00	27.77	28.01	29.31	33.60	46.45	52.55	41.52	34.30	32.83	30.75	30.66	30.83	33.34	37.72	48.93	71.07	59.67	50.15	43.90	40.73	35.41	33.98		
		0.20	0.22	0.22	0.25	0.26	0.30	0.64	0.67	0.49	0.31	0.33	0.33	0.45	0.46	0.59	0.69	0.96	1.16	1.13	0.93	0.78	0.67	0.62	0.40		
		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	-2.75	-2.27	-11.81	-4.74	-2.66	-2.02	-4.54	-0.25	-0.04		
ALBANY___3 23573		29.43	28.00	27.77	28.01	29.31	33.60	46.45	52.55	41.52	34.30	32.83	30.75	30.66	30.83	33.34	37.72	48.93	71.07	59.67	50.15	43.90	40.73	35.41	33.98		
		0.20	0.22	0.22	0.25	0.26	0.30	0.64	0.67	0.49	0.31	0.33	0.33	0.45	0.46	0.59	0.69	0.96	1.16	1.13	0.93	0.78	0.67	0.62	0.40		
		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	-2.75	-2.27	-11.81	-4.74	-2.66	-2.02	-4.54	-0.25	-0.04		

ALBANY___4 23574	29.43 0.20 0.00	28.00 0.22 0.00	27.77 0.22 0.00	28.01 0.25 0.00	29.31 0.26 0.00	33.60 0.30 0.00	46.45 0.64 0.00	52.55 0.67 0.00	41.52 0.49 0.00	34.30 0.31 0.00	32.83 0.33 0.00	30.75 0.33 0.00	30.66 0.45 0.00	30.83 0.46 0.00	33.34 0.59 0.00	37.72 0.69 -2.75	48.93 0.96 -2.27	71.07 1.16 -11.81	59.67 1.13 -4.74	50.15 0.93 -2.66	43.90 0.78 -2.02	40.73 0.67 -4.54	35.41 0.62 -0.25	33.98 0.40 -0.04
ALBANY___LFGE 323615	29.75 0.53 0.00	28.31 0.53 0.00	28.01 0.47 0.00	28.29 0.53 0.00	29.62 0.58 0.00	34.00 0.70 0.00	46.95 1.15 0.00	53.17 1.30 0.00	42.01 0.98 0.00	34.67 0.68 0.00	33.22 0.71 0.00	31.11 0.70 0.00	30.99 0.78 0.00	31.16 0.79 0.00	33.74 0.98 0.00	38.16 1.10 -2.77	49.54 1.55 -2.29	71.92 1.91 -11.91	60.41 1.83 -4.78	50.73 1.49 -2.69	44.45 1.31 -2.04	41.16 1.06 -4.58	35.79 1.00 -0.25	34.35 0.77 -0.04
ALCOA_PA_115KV_PL-6C 55860	27.41 -1.81 0.00	26.03 -1.75 0.00	26.03 -1.51 0.00	26.35 -1.42 0.00	27.62 -1.42 0.00	33.10 -0.20 0.00	46.54 0.73 0.00	52.24 0.36 0.00	42.18 1.15 0.00	34.64 0.65 0.00	33.35 0.85 0.00	30.57 0.15 0.00	30.39 0.18 0.00	30.62 0.24 0.00	33.25 0.49 0.00	35.69 1.30 -0.09	47.05 1.28 -0.08	61.04 2.56 -0.39	56.33 2.37 -0.16	48.64 2.00 -0.09	44.00 2.84 -0.07	37.23 1.56 -0.15	35.51 0.97 -0.01	34.74 1.21 0.00
ALCOA_RYNLDS___DRP 24188	27.41 -1.81 0.00	26.03 -1.75 0.00	26.03 -1.51 0.00	26.35 -1.42 0.00	27.62 -1.42 0.00	33.10 -0.20 0.00	46.54 0.73 0.00	52.24 0.36 0.00	42.18 1.15 0.00	34.64 0.65 0.00	33.35 0.85 0.00	30.57 0.15 0.00	30.39 0.18 0.00	30.62 0.24 0.00	33.25 0.49 0.00	35.69 1.30 -0.09	47.05 1.28 -0.08	61.04 2.56 -0.39	56.33 2.37 -0.16	48.64 2.00 -0.09	44.00 2.84 -0.07	37.23 1.56 -0.15	35.51 0.97 -0.01	34.74 1.21 0.00
ALCOA___DSASP 323711	27.41 -1.81 0.00	26.03 -1.75 0.00	26.00 -1.54 0.00	26.04 -1.72 0.00	27.62 -1.42 0.00	33.10 -0.20 0.00	46.54 0.73 0.00	52.24 0.37 0.00	42.18 1.15 0.00	34.63 0.64 0.00	33.34 0.84 0.00	30.57 0.15 0.00	30.39 0.18 0.00	30.62 0.24 0.00	33.25 0.49 0.00	35.69 1.30 -0.09	47.05 1.28 -0.08	61.04 2.55 -0.39	56.32 2.36 -0.16	48.64 2.00 -0.09	44.00 2.83 -0.07	37.23 1.56 -0.15	35.37 0.83 -0.01	34.61 1.07 0.00
ALLEGHENY___COGEN 23514	31.06 1.84 0.00	29.36 1.58 0.00	29.23 1.68 0.00	29.23 1.47 0.00	30.44 1.39 0.00	34.76 1.46 0.00	47.73 1.92 0.00	54.93 3.06 0.00	43.33 2.30 0.00	35.59 1.60 0.00	33.64 1.14 0.00	31.20 0.79 0.00	30.33 0.12 0.00	30.77 0.39 0.00	33.05 0.29 0.00	34.96 0.03 -0.63	46.85 0.64 -0.51	61.86 1.10 -2.66	56.22 1.35 -1.07	48.50 1.35 -0.60	42.50 0.95 -0.46	37.24 0.67 -1.05	35.07 0.48 -0.06	34.15 0.60 -0.01
ALTAMONT_115KV_TB 2 55880	29.84 0.61 0.00	28.39 0.61 0.00	28.15 0.61 0.00	28.40 0.64 0.00	29.71 0.67 0.00	34.06 0.77 0.00	47.04 1.24 0.00	53.27 1.40 0.00	42.10 1.07 0.00	34.81 0.82 0.00	33.28 0.78 0.00	31.17 0.76 0.00	31.05 0.85 0.00	31.23 0.85 0.00	33.74 0.98 0.00	38.07 1.03 -2.75	49.39 1.42 -2.27	71.71 1.80 -11.82	60.21 1.67 -4.74	50.66 1.44 -2.67	44.39 1.27 -2.02	41.12 1.07 -4.54	35.82 1.04 -0.25	34.41 0.84 -0.04
ALTONA_WT_PWR 323606	27.41 -1.81 0.00	26.08 -1.70 0.00	26.08 -1.46 0.00	26.12 -1.64 0.00	27.80 -1.25 0.00	33.36 0.07 0.00	47.14 1.33 0.00	52.81 0.93 0.00	42.46 1.44 0.00	34.87 0.88 0.00	33.64 1.14 0.00	30.84 0.43 0.00	30.63 0.42 0.00	30.89 0.52 0.00	33.57 0.82 0.00	35.99 1.61 -0.08	47.68 1.92 -0.07	61.81 3.37 -0.35	57.01 3.07 -0.14	49.23 2.61 -0.08	44.37 3.21 -0.06	37.60 1.95 -0.14	35.68 1.14 -0.01	35.01 1.47 0.00
AMERICAN_REF_FUEL 24010	28.93 -0.29 0.00	27.39 -0.39 0.00	27.27 -0.28 0.00	27.21 -0.56 0.00	28.20 -0.84 0.00	32.00 -1.30 0.00	42.78 -3.02 0.00	49.33 -2.54 0.00	39.51 -1.52 0.00	32.59 -1.40 0.00	31.14 -1.36 0.00	29.20 -1.22 0.00	28.57 -1.63 0.00	28.76 -1.61 0.00	30.63 -2.13 0.00	31.81 -3.05 -0.57	42.34 -3.79 -0.43	54.45 -5.87 -2.22	49.69 -5.00 -0.90	42.87 -4.19 -0.51	37.70 -3.78 -0.39	33.33 -3.16 -0.97	31.51 -3.07 -0.05	30.83 -2.72 -0.01
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.65 1.43 0.00	29.00 1.22 0.00	28.81 1.27 0.00	28.79 1.03 0.00	29.95 0.90 0.00	34.06 0.77 0.00	46.08 0.28 0.00	53.17 1.30 0.00	42.22 1.19 0.00	34.94 0.95 0.00	33.38 0.88 0.00	31.26 0.85 0.00	30.54 0.33 0.00	30.74 0.37 0.00	32.72 -0.03 0.00	33.87 -1.03 -0.61	45.07 -1.10 -0.47	58.20 -2.33 -2.43	52.73 -2.04 -0.98	45.24 -1.86 -0.55	39.55 -1.97 -0.42	34.78 -1.77 -1.04	33.04 -1.55 -0.06	32.10 -1.44 -0.01
ARTHUR_KILL_GT_1 23520	30.74 1.52 0.00	29.22 1.44 0.00	28.87 1.32 0.00	29.04 1.28 0.00	30.52 1.48 0.00	34.80 1.50 0.00	47.55 1.74 0.00	53.78 1.92 0.01	42.70 1.68 0.01	35.89 1.90 0.00	34.19 1.69 0.00	32.15 1.73 0.00	32.02 1.81 0.00	32.08 1.70 0.00	34.72 1.97 0.00	38.71 2.13 -2.29	50.01 2.42 -1.89	71.20 3.25 -9.86	60.49 2.74 -3.95	51.14 2.37 -2.22	44.75 1.97 -1.68	41.33 2.02 -3.79	37.06 2.31 -0.21	35.45 1.88 -0.04
ARTHUR_KILL_2 23512	30.65 1.43 0.00	29.17 1.39 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.44 1.39 0.00	34.69 1.40 0.00	47.41 1.60 0.00	53.57 1.71 0.01	42.58 1.56 0.01	35.79 1.80 0.00	34.09 1.59 0.00	32.05 1.64 0.00	31.93 1.72 0.00	31.98 1.61 0.00	34.62 1.87 0.00	38.61 2.02 -2.29	49.87 2.28 -1.89	70.97 3.02 -9.86	60.28 2.53 -3.95	50.95 2.19 -2.22	44.63 1.85 -1.68	41.22 1.92 -3.79	36.96 2.21 -0.21	35.34 1.78 -0.04
ARTHUR_KILL_3 23513	30.22 0.99 0.00	28.78 1.00 0.00	28.43 0.88 0.00	28.68 0.91 0.00	30.09 1.04 0.00	34.43 1.13 0.00	48.05 2.24 0.00	54.21 2.34 0.00	43.04 2.01 0.00	35.89 1.90 0.00	34.22 1.72 0.00	32.18 1.76 0.00	32.02 1.81 0.00	32.14 1.76 0.00	34.72 1.97 0.00	38.68 2.09 -2.29	50.20 2.60 -1.90	71.32 3.37 -9.86	60.66 2.90 -3.95	51.29 2.51 -2.22	44.96 2.18 -1.69	41.33 2.02 -3.79	36.64 1.90 -0.21	34.94 1.38 -0.04
ARTHUR_KILL_COGEN 323718	30.74 1.52 0.00	29.22 1.44 0.00	28.87 1.32 0.00	29.04 1.28 0.00	30.52 1.48 0.00	34.80 1.50 0.00	47.55 1.74 0.00	53.78 1.92 0.01	42.70 1.68 0.01	35.89 1.90 0.00	34.19 1.69 0.00	32.15 1.73 0.00	32.02 1.81 0.00	32.08 1.70 0.00	34.72 1.97 0.00	38.71 2.13 -2.29	50.01 2.42 -1.89	71.20 3.25 -9.86	60.49 2.74 -3.95	51.14 2.37 -2.22	44.75 1.97 -1.68	41.33 2.02 -3.79	37.06 2.31 -0.21	35.45 1.88 -0.04
ASHOKAN____ 23654	30.51 1.28 0.00	29.00 1.22 0.00	28.73 1.18 0.00	29.01 1.25 0.00	30.47 1.42 0.00	34.83 1.53 0.00	48.14 2.33 0.00	54.41 2.54 0.00	42.71 1.68 0.00	34.98 0.99 0.00	33.09 0.59 0.00	30.96 0.55 0.00	30.93 0.72 0.00	31.22 0.85 0.00	33.90 1.15 0.00	38.34 1.54 -2.51	50.38 2.60 -2.08	72.54 3.66 -10.79	61.57 3.45 -4.33	51.68 2.70 -2.43	45.08 2.14 -1.85	41.37 1.70 -4.14	36.46 1.69 -0.23	34.85 1.27 -0.04

ASTORIA_EAST_ENERGY_CC1 323581	30.54 1.32 0.00	29.03 1.25 0.00	28.65 1.10 0.00	28.82 1.05 0.00	30.24 1.19 0.00	34.36 1.07 0.00	47.68 1.88 0.00	53.84 1.97 0.01	42.78 1.76 0.01	35.75 1.77 0.01	34.09 1.59 0.01	32.05 1.64 0.01	31.92 1.72 0.01	31.98 1.61 0.01	34.58 1.83 0.01	38.50 1.92 -2.28	50.01 2.42 -1.89	71.14 3.19 -9.86	60.44 2.69 -3.95	51.05 2.28 -2.22	44.71 1.93 -1.68	41.14 1.85 -3.78	36.71 1.97 -0.21	35.08 1.51 -0.04
ASTORIA_EAST_ENERGY_CC2 323582	30.54 1.32 0.00	29.03 1.25 0.00	28.65 1.10 0.00	28.82 1.05 0.00	30.24 1.19 0.00	34.36 1.07 0.00	47.68 1.88 0.00	53.84 1.97 0.01	42.78 1.76 0.01	35.75 1.77 0.01	34.09 1.59 0.01	32.05 1.64 0.01	31.92 1.72 0.01	31.98 1.61 0.01	34.58 1.83 0.01	38.50 1.92 -2.28	50.01 2.42 -1.89	71.14 3.19 -9.86	60.44 2.69 -3.95	51.05 2.28 -2.22	44.71 1.93 -1.68	41.14 1.85 -3.78	36.71 1.97 -0.21	35.08 1.51 -0.04
ASTORIA_GT2_1 24094	30.54 1.31 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.87 1.11 0.00	30.23 1.19 0.00	34.40 1.10 0.00	47.68 1.88 0.00	53.95 2.07 0.00	42.83 1.81 0.00	35.76 1.77 0.00	34.13 1.63 0.00	32.09 1.67 0.00	31.93 1.72 0.00	32.02 1.64 0.00	34.62 1.87 0.00	38.54 1.95 -2.29	50.02 2.42 -1.90	71.15 3.20 -9.86	60.50 2.74 -3.96	51.06 2.28 -2.22	44.72 1.93 -1.69	41.15 1.85 -3.79	36.71 1.97 -0.21	35.08 1.51 -0.04
ASTORIA_GT2_2 24095	30.54 1.31 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.87 1.11 0.00	30.23 1.19 0.00	34.40 1.10 0.00	47.68 1.88 0.00	53.95 2.07 0.00	42.83 1.81 0.00	35.76 1.77 0.00	34.13 1.63 0.00	32.09 1.67 0.00	31.93 1.72 0.00	32.02 1.64 0.00	34.62 1.87 0.00	38.54 1.95 -2.29	50.02 2.42 -1.90	71.15 3.20 -9.86	60.50 2.74 -3.96	51.06 2.28 -2.22	44.72 1.93 -1.69	41.15 1.85 -3.79	36.71 1.97 -0.21	35.08 1.51 -0.04
ASTORIA_GT2_3 24096	30.54 1.31 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.87 1.11 0.00	30.23 1.19 0.00	34.40 1.10 0.00	47.68 1.88 0.00	53.95 2.07 0.00	42.83 1.81 0.00	35.76 1.77 0.00	34.13 1.63 0.00	32.09 1.67 0.00	31.93 1.72 0.00	32.02 1.64 0.00	34.62 1.87 0.00	38.54 1.95 -2.29	50.02 2.42 -1.90	71.15 3.20 -9.86	60.50 2.74 -3.96	51.06 2.28 -2.22	44.72 1.93 -1.69	41.15 1.85 -3.79	36.71 1.97 -0.21	35.08 1.51 -0.04
ASTORIA_GT2_4 24097	30.54 1.31 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.87 1.11 0.00	30.23 1.19 0.00	34.40 1.10 0.00	47.68 1.88 0.00	53.95 2.07 0.00	42.83 1.81 0.00	35.76 1.77 0.00	34.13 1.63 0.00	32.09 1.67 0.00	31.93 1.72 0.00	32.02 1.64 0.00	34.62 1.87 0.00	38.54 1.95 -2.29	50.02 2.42 -1.90	71.15 3.20 -9.86	60.50 2.74 -3.96	51.06 2.28 -2.22	44.72 1.93 -1.69	41.15 1.85 -3.79	36.71 1.97 -0.21	35.08 1.51 -0.04
ASTORIA_GT3_1 24098	30.54 1.31 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.87 1.11 0.00	30.23 1.19 0.00	34.40 1.10 0.00	47.68 1.88 0.00	53.95 2.07 0.00	42.83 1.81 0.00	35.76 1.77 0.00	34.13 1.63 0.00	32.09 1.67 0.00	31.93 1.72 0.00	32.02 1.64 0.00	34.62 1.87 0.00	38.54 1.95 -2.29	50.02 2.42 -1.90	71.15 3.20 -9.86	60.50 2.74 -3.96	51.06 2.28 -2.22	44.72 1.93 -1.69	41.15 1.85 -3.79	36.71 1.97 -0.21	35.08 1.51 -0.04
ASTORIA_GT3_2 24099	30.54 1.31 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.87 1.11 0.00	30.23 1.19 0.00	34.40 1.10 0.00	47.68 1.88 0.00	53.95 2.07 0.00	42.83 1.81 0.00	35.76 1.77 0.00	34.13 1.63 0.00	32.09 1.67 0.00	31.93 1.72 0.00	32.02 1.64 0.00	34.62 1.87 0.00	38.54 1.95 -2.29	50.02 2.42 -1.90	71.15 3.20 -9.86	60.50 2.74 -3.96	51.06 2.28 -2.22	44.72 1.93 -1.69	41.15 1.85 -3.79	36.71 1.97 -0.21	35.08 1.51 -0.04
ASTORIA_GT3_3 24100	30.54 1.31 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.87 1.11 0.00	30.23 1.19 0.00	34.40 1.10 0.00	47.68 1.88 0.00	53.95 2.07 0.00	42.83 1.81 0.00	35.76 1.77 0.00	34.13 1.63 0.00	32.09 1.67 0.00	31.93 1.72 0.00	32.02 1.64 0.00	34.62 1.87 0.00	38.54 1.95 -2.29	50.02 2.42 -1.90	71.15 3.20 -9.86	60.50 2.74 -3.96	51.06 2.28 -2.22	44.72 1.93 -1.69	41.15 1.85 -3.79	36.71 1.97 -0.21	35.08 1.51 -0.04
ASTORIA_GT3_4 24101	30.54 1.31 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.87 1.11 0.00	30.23 1.19 0.00	34.40 1.10 0.00	47.68 1.88 0.00	53.95 2.07 0.00	42.83 1.81 0.00	35.76 1.77 0.00	34.13 1.63 0.00	32.09 1.67 0.00	31.93 1.72 0.00	32.02 1.64 0.00	34.62 1.87 0.00	38.54 1.95 -2.29	50.02 2.42 -1.90	71.15 3.20 -9.86	60.50 2.74 -3.96	51.06 2.28 -2.22	44.72 1.93 -1.69	41.15 1.85 -3.79	36.71 1.97 -0.21	35.08 1.51 -0.04
ASTORIA_GT4_1 24102	30.54 1.31 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.87 1.11 0.00	30.23 1.19 0.00	34.40 1.10 0.00	47.68 1.88 0.00	53.95 2.07 0.00	42.83 1.81 0.00	35.76 1.77 0.00	34.13 1.63 0.00	32.09 1.67 0.00	31.93 1.72 0.00	32.02 1.64 0.00	34.62 1.87 0.00	38.54 1.95 -2.29	50.02 2.42 -1.90	71.15 3.20 -9.86	60.50 2.74 -3.96	51.06 2.28 -2.22	44.72 1.93 -1.69	41.15 1.85 -3.79	36.71 1.97 -0.21	35.08 1.51 -0.04
ASTORIA_GT4_2 24103	30.54 1.31 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.87 1.11 0.00	30.23 1.19 0.00	34.40 1.10 0.00	47.68 1.88 0.00	53.95 2.07 0.00	42.83 1.81 0.00	35.76 1.77 0.00	34.13 1.63 0.00	32.09 1.67 0.00	31.93 1.72 0.00	32.02 1.64 0.00	34.62 1.87 0.00	38.54 1.95 -2.29	50.02 2.42 -1.90	71.15 3.20 -9.86	60.50 2.74 -3.96	51.06 2.28 -2.22	44.72 1.93 -1.69	41.15 1.85 -3.79	36.71 1.97 -0.21	35.08 1.51 -0.04
ASTORIA_GT4_3 24104	30.54 1.31 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.87 1.11 0.00	30.23 1.19 0.00	34.40 1.10 0.00	47.68 1.88 0.00	53.95 2.07 0.00	42.83 1.81 0.00	35.76 1.77 0.00	34.13 1.63 0.00	32.09 1.67 0.00	31.93 1.72 0.00	32.02 1.64 0.00	34.62 1.87 0.00	38.54 1.95 -2.29	50.02 2.42 -1.90	71.15 3.20 -9.86	60.50 2.74 -3.96	51.06 2.28 -2.22	44.72 1.93 -1.69	41.15 1.85 -3.79	36.71 1.97 -0.21	35.08 1.51 -0.04
ASTORIA_GT4_4 24105	30.54 1.31 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.87 1.11 0.00	30.23 1.19 0.00	34.40 1.10 0.00	47.68 1.88 0.00	53.95 2.07 0.00	42.83 1.81 0.00	35.76 1.77 0.00	34.13 1.63 0.00	32.09 1.67 0.00	31.93 1.72 0.00	32.02 1.64 0.00	34.62 1.87 0.00	38.54 1.95 -2.29	50.02 2.42 -1.90	71.15 3.20 -9.86	60.50 2.74 -3.96	51.06 2.28 -2.22	44.72 1.93 -1.69	41.15 1.85 -3.79	36.71 1.97 -0.21	35.08 1.51 -0.04
ASTORIA_GT_1 23523	30.60 1.37 0.00	29.09 1.31 0.00	28.70 1.16 0.00	28.87 1.11 0.00	30.29 1.25 0.00	34.46 1.16 0.00	47.77 1.97 0.00	53.99 2.13 0.01	42.91 1.89 0.01	35.82 1.83 0.01	34.18 1.69 0.01	32.14 1.73 0.01	31.98 1.78 0.01	32.07 1.70 0.01	34.68 1.93 0.01	38.60 2.02 -2.28	50.14 2.56 -1.89	71.32 3.37 -9.86	60.60 2.85 -3.95	51.19 2.42 -2.22	44.79 2.01 -1.68	41.21 1.92 -3.78	36.78 2.04 -0.21	35.18 1.61 -0.04

ASTORIA_GT_10 24110	30.48 1.26 0.00	29.00 1.22 0.00	28.67 1.13 0.00	28.90 1.14 0.00	30.26 1.22 0.00	34.60 1.30 0.00	48.00 2.20 0.00	54.36 2.49 0.00	43.12 2.09 0.00	35.99 2.01 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.20 1.82 0.00	34.82 2.06 0.00	38.78 2.19 -2.29	50.34 2.74 -1.90	71.56 3.60 -9.86	60.82 3.07 -3.96	51.43 2.65 -2.22	45.05 2.26 -1.69	41.37 2.06 -3.79	36.85 2.11 -0.21	35.15 1.58 -0.04
ASTORIA_GT_11 24225	30.48 1.26 0.00	29.00 1.22 0.00	28.67 1.13 0.00	28.90 1.14 0.00	30.26 1.22 0.00	34.60 1.30 0.00	48.00 2.20 0.00	54.36 2.49 0.00	43.12 2.09 0.00	35.99 2.01 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.20 1.82 0.00	34.82 2.06 0.00	38.78 2.19 -2.29	50.34 2.74 -1.90	71.56 3.60 -9.86	60.82 3.07 -3.96	51.43 2.65 -2.22	45.05 2.26 -1.69	41.37 2.06 -3.79	36.85 2.11 -0.21	35.15 1.58 -0.04
ASTORIA_GT_12 24226	30.48 1.26 0.00	29.00 1.22 0.00	28.67 1.13 0.00	28.90 1.14 0.00	30.26 1.22 0.00	34.60 1.30 0.00	48.00 2.20 0.00	54.36 2.49 0.00	43.12 2.09 0.00	35.99 2.01 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.20 1.82 0.00	34.82 2.06 0.00	38.78 2.19 -2.29	50.34 2.74 -1.90	71.56 3.60 -9.86	60.82 3.07 -3.96	51.43 2.65 -2.22	45.05 2.26 -1.69	41.37 2.06 -3.79	36.85 2.11 -0.21	35.15 1.58 -0.04
ASTORIA_GT_13 24227	30.48 1.26 0.00	29.00 1.22 0.00	28.67 1.13 0.00	28.90 1.14 0.00	30.26 1.22 0.00	34.60 1.30 0.00	48.00 2.20 0.00	54.36 2.49 0.00	43.12 2.09 0.00	35.99 2.01 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.20 1.82 0.00	34.82 2.06 0.00	38.78 2.19 -2.29	50.34 2.74 -1.90	71.56 3.60 -9.86	60.82 3.07 -3.96	51.43 2.65 -2.22	45.05 2.26 -1.69	41.37 2.06 -3.79	36.85 2.11 -0.21	35.15 1.58 -0.04
ASTORIA_GT_5 24106	30.60 1.37 0.00	29.09 1.31 0.00	28.70 1.16 0.00	28.87 1.11 0.00	30.29 1.25 0.00	34.46 1.16 0.00	47.77 1.97 0.00	53.99 2.13 0.01	42.91 1.89 0.01	35.82 1.83 0.01	34.18 1.69 0.01	32.14 1.73 0.01	31.98 1.78 0.01	32.07 1.70 0.01	34.68 1.93 0.01	38.60 2.02 -2.28	50.14 2.56 -1.89	71.32 3.37 -9.86	60.60 2.85 -3.95	51.19 2.42 -2.22	44.79 2.01 -1.68	41.21 1.92 -3.78	36.78 2.04 -0.21	35.18 1.61 -0.04
ASTORIA_GT_7 24107	30.60 1.37 0.00	29.09 1.31 0.00	28.70 1.16 0.00	28.87 1.11 0.00	30.29 1.25 0.00	34.46 1.16 0.00	47.77 1.97 0.00	53.99 2.13 0.01	42.91 1.89 0.01	35.82 1.83 0.01	34.18 1.69 0.01	32.14 1.73 0.01	31.98 1.78 0.01	32.07 1.70 0.01	34.68 1.93 0.01	38.60 2.02 -2.28	50.14 2.56 -1.89	71.32 3.37 -9.86	60.60 2.85 -3.95	51.19 2.42 -2.22	44.79 2.01 -1.68	41.21 1.92 -3.78	36.78 2.04 -0.21	35.18 1.61 -0.04
ASTORIA_GT_8 24108	30.59 1.37 0.00	29.08 1.31 0.00	28.73 1.18 0.00	28.90 1.14 0.00	30.29 1.25 0.00	34.46 1.17 0.00	47.78 1.97 0.00	54.05 2.18 0.00	42.92 1.89 0.00	35.82 1.84 0.00	34.19 1.69 0.00	32.15 1.73 0.00	31.99 1.78 0.00	32.08 1.70 0.00	34.69 1.93 0.00	38.61 2.02 -2.29	50.15 2.56 -1.90	71.32 3.37 -9.86	60.61 2.85 -3.96	51.19 2.42 -2.22	44.80 2.01 -1.69	41.22 1.92 -3.79	36.78 2.04 -0.21	35.11 1.54 -0.04
ASTORIA___2 24149	30.54 1.32 0.00	29.03 1.25 0.00	28.65 1.10 0.00	28.82 1.05 0.00	30.24 1.19 0.00	34.39 1.10 0.00	47.68 1.88 0.00	53.89 2.02 0.01	42.78 1.76 0.01	35.75 1.77 0.01	34.12 1.62 0.01	32.08 1.67 0.01	31.92 1.72 0.01	32.01 1.64 0.01	34.61 1.87 0.01	38.53 1.95 -2.28	50.01 2.42 -1.89	71.20 3.25 -9.86	60.49 2.74 -3.95	51.05 2.28 -2.22	44.75 1.97 -1.68	41.14 1.85 -3.78	36.71 1.97 -0.21	35.11 1.54 -0.04
ASTORIA___3 23516	30.48 1.26 0.00	29.00 1.22 0.00	28.65 1.10 0.00	28.84 1.08 0.00	30.26 1.22 0.00	34.59 1.30 0.00	48.00 2.20 0.00	54.31 2.44 0.00	43.12 2.09 0.00	35.99 2.00 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.20 1.82 0.00	34.82 2.06 0.00	38.75 2.16 -2.29	50.34 2.74 -1.90	71.56 3.60 -9.86	60.82 3.07 -3.96	51.43 2.65 -2.22	45.04 2.26 -1.69	41.37 2.06 -3.79	36.85 2.11 -0.21	35.18 1.61 -0.04
ASTORIA___4 23517	30.48 1.26 0.00	29.00 1.22 0.00	28.67 1.13 0.00	28.90 1.14 0.00	30.26 1.22 0.00	34.60 1.30 0.00	48.00 2.20 0.00	54.36 2.49 0.00	43.12 2.09 0.00	35.99 2.01 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.20 1.82 0.00	34.82 2.06 0.00	38.78 2.19 -2.29	50.34 2.74 -1.90	71.56 3.60 -9.86	60.82 3.07 -3.96	51.43 2.65 -2.22	45.05 2.26 -1.69	41.37 2.06 -3.79	36.85 2.11 -0.21	35.15 1.58 -0.04
ASTORIA___5 23518	30.48 1.26 0.00	29.00 1.22 0.00	28.65 1.10 0.00	28.84 1.08 0.00	30.26 1.22 0.00	34.59 1.30 0.00	48.00 2.20 0.00	54.31 2.44 0.00	43.12 2.09 0.00	35.99 2.00 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.20 1.82 0.00	34.82 2.06 0.00	38.75 2.16 -2.29	50.34 2.74 -1.90	71.56 3.60 -9.86	60.82 3.07 -3.96	51.43 2.65 -2.22	45.04 2.26 -1.69	41.37 2.06 -3.79	36.85 2.11 -0.21	35.18 1.61 -0.04
AST_ENERGY_2_CC3 323677	30.24 1.02 0.01	28.80 1.03 0.01	28.44 0.91 0.01	28.70 0.94 0.01	30.11 1.08 0.01	34.49 1.20 0.01	38.83 2.24 9.22	47.89 2.44 6.43	40.99 2.09 2.13	35.88 1.90 0.02	34.24 1.75 0.02	32.19 1.79 0.02	32.00 1.81 0.02	32.12 1.76 0.02	34.74 2.00 0.02	38.70 2.13 -2.28	43.91 2.70 4.49	65.82 3.49 -4.24	55.93 3.01 0.88	46.53 2.61 2.62	45.03 2.26 -1.67	41.31 2.02 -3.77	36.67 1.93 -0.20	35.00 1.44 -0.03
AST_ENERGY_2_CC4 323678	30.24 1.02 0.01	28.80 1.03 0.01	28.44 0.91 0.01	28.70 0.94 0.01	30.11 1.08 0.01	34.49 1.20 0.01	38.83 2.24 9.22	47.89 2.44 6.43	40.99 2.09 2.13	35.88 1.90 0.02	34.24 1.75 0.02	32.19 1.79 0.02	32.00 1.81 0.02	32.12 1.76 0.02	34.74 2.00 0.02	38.70 2.13 -2.28	43.91 2.70 4.49	65.82 3.49 -4.24	55.93 3.01 0.88	46.53 2.61 2.62	45.03 2.26 -1.67	41.31 2.02 -3.77	36.67 1.93 -0.20	35.00 1.44 -0.03
ATHENS_STG_1 23668	29.84 0.61 0.00	28.39 0.61 0.00	28.12 0.58 0.00	28.40 0.64 0.00	29.71 0.67 0.00	34.00 0.70 0.00	47.09 1.28 0.00	53.27 1.40 0.00	42.09 1.06 0.00	34.87 0.88 0.00	33.38 0.88 0.00	31.30 0.88 0.00	31.14 0.94 0.00	31.29 0.91 0.00	33.80 1.05 0.00	37.91 1.10 -2.52	49.20 1.42 -2.08	70.72 1.80 -10.83	59.76 1.61 -4.34	50.39 1.40 -2.44	44.18 1.23 -1.85	40.78 1.10 -4.16	35.84 1.07 -0.23	34.38 0.80 -0.04
ATHENS_STG_2 23670	29.84 0.61 0.00	28.39 0.61 0.00	28.12 0.58 0.00	28.40 0.64 0.00	29.71 0.67 0.00	34.00 0.70 0.00	47.09 1.28 0.00	53.27 1.40 0.00	42.09 1.06 0.00	34.87 0.88 0.00	33.38 0.88 0.00	31.30 0.88 0.00	31.14 0.94 0.00	31.29 0.91 0.00	33.80 1.05 0.00	37.91 1.10 -2.52	49.20 1.42 -2.08	70.72 1.80 -10.83	59.76 1.61 -4.34	50.39 1.40 -2.44	44.18 1.23 -1.85	40.78 1.10 -4.16	35.84 1.07 -0.23	34.38 0.80 -0.04

ATHENS_STG_3 23677	29.84 0.61 0.00	28.39 0.61 0.00	28.12 0.58 0.00	28.40 0.64 0.00	29.71 0.67 0.00	34.00 0.70 0.00	47.09 1.28 0.00	53.27 1.40 0.00	42.09 1.06 0.00	34.87 0.88 0.00	33.38 0.88 0.00	31.30 0.88 0.00	31.14 0.94 0.00	31.29 0.91 0.00	33.80 1.05 0.00	37.91 1.10 -2.52	49.20 1.42 -2.08	70.72 1.80 -10.83	59.76 1.61 -4.34	50.39 1.40 -2.44	44.18 1.23 -1.85	40.78 1.10 -4.16	35.84 1.07 -0.23	34.38 0.80 -0.04
AUBURN____LFGE 323710	29.75 0.53 0.00	28.22 0.44 0.00	27.96 0.41 0.00	28.09 0.33 0.00	29.39 0.35 0.00	33.66 0.37 0.00	46.49 0.69 0.00	52.49 0.62 0.00	41.44 0.41 0.00	34.40 0.41 0.00	32.83 0.33 0.00	30.66 0.24 0.00	30.36 0.15 0.00	30.56 0.18 0.00	32.92 0.16 0.00	34.89 0.07 -0.53	46.31 0.18 -0.43	60.58 0.23 -2.26	54.92 0.22 -0.91	47.20 0.14 -0.51	41.57 0.08 -0.39	36.70 0.32 -0.87	34.58 0.00 -0.05	33.64 0.10 -0.01
BABYLON_RES_REC 323704	31.44 2.22 0.00	29.53 1.75 0.00	29.14 1.60 0.00	29.48 1.72 0.00	31.08 2.03 0.00	36.28 2.60 -0.39	49.31 3.48 -0.03	55.56 3.68 0.00	44.47 3.32 -0.12	37.22 3.23 0.00	36.05 2.96 -0.59	34.28 2.95 -0.92	33.92 2.93 -0.79	34.22 2.92 -0.92	37.03 3.21 -1.06	42.64 3.36 -4.99	52.22 4.43 -2.09	73.60 5.63 -9.87	63.03 5.17 -4.06	54.38 4.51 -3.31	49.37 3.82 -4.45	47.24 3.52 -8.20	40.05 3.32 -2.20	37.08 2.98 -0.56
BABYLON__69_KV_BK2 356345	31.91 2.69 0.00	29.92 2.14 0.00	29.56 2.01 0.00	29.90 2.14 0.00	31.51 2.47 0.00	36.55 2.86 -0.39	49.64 3.76 -0.08	56.18 4.31 -0.01	44.88 3.53 -0.33	37.60 3.60 0.00	36.28 3.19 -0.59	34.50 3.16 -0.92	34.13 3.14 -0.79	34.46 3.16 -0.92	37.42 3.41 -1.26	43.65 3.57 -5.79	52.93 4.75 -2.48	74.07 6.10 -9.88	63.61 5.54 -4.26	55.64 4.98 -4.11	50.45 4.19 -5.16	48.23 3.80 -8.91	41.00 3.52 -2.94	37.08 2.98 -0.56
BALL_HILL_WT_PWR 323825	30.16 0.93 0.00	28.53 0.75 0.00	28.37 0.83 0.00	28.35 0.58 0.00	29.45 0.41 0.00	33.46 0.17 0.00	45.16 -0.64 0.00	52.03 0.16 0.00	41.40 0.37 0.00	34.23 0.24 0.00	32.70 0.20 0.00	30.66 0.24 0.00	29.93 -0.27 0.00	30.16 -0.21 0.00	32.13 -0.62 0.00	33.25 -1.65 -0.60	44.29 -1.88 -0.47	57.29 -3.19 -2.39	52.02 -2.74 -0.96	44.77 -2.33 -0.54	39.21 -2.30 -0.41	34.59 -1.95 -1.02	33.00 -1.59 -0.06	32.14 -1.41 -0.01
BARON_WINDS____WT_PWR 323822	30.16 0.93 0.00	28.59 0.81 0.00	28.40 0.85 0.00	28.46 0.69 0.00	29.68 0.64 0.00	33.83 0.53 0.00	46.04 0.23 0.00	52.81 0.93 0.00	41.81 0.78 0.00	34.60 0.61 0.00	32.96 0.45 0.00	30.84 0.43 0.00	30.27 0.06 0.00	30.50 0.12 0.00	32.66 -0.10 0.00	34.31 -0.72 -0.74	45.56 -0.73 -0.60	59.84 -1.33 -3.08	53.91 -1.13 -1.24	46.32 -0.93 -0.70	40.56 -1.07 -0.53	35.80 -0.96 -1.24	33.88 -0.73 -0.07	32.84 -0.71 -0.01
BARRETT_IC_1 23704	31.18 1.87 -0.08	29.32 1.47 -0.07	28.94 1.32 -0.07	29.29 1.44 -0.08	30.84 1.71 -0.08	39.96 2.13 -4.53	48.69 2.89 0.00	54.93 3.06 0.00	43.94 2.91 0.00	36.86 2.79 -0.08	41.87 2.50 -6.87	43.55 2.46 -10.67	41.87 2.54 -9.13	43.55 2.46 -10.72	46.15 2.72 -10.68	47.96 2.88 -10.78	51.36 3.75 -1.91	72.79 4.76 -9.94	62.13 4.36 -3.97	55.23 3.63 -5.04	55.49 3.08 -11.30	50.76 2.91 -12.33	46.15 2.80 -8.82	41.87 2.35 -5.99
BARRETT_IC_10 23701	31.18 1.87 -0.08	29.32 1.47 -0.07	28.94 1.32 -0.07	29.29 1.44 -0.08	30.84 1.71 -0.08	39.96 2.13 -4.53	48.69 2.89 0.00	54.93 3.06 0.00	43.94 2.91 0.00	36.86 2.79 -0.08	41.87 2.50 -6.87	43.55 2.46 -10.67	41.87 2.54 -9.13	43.55 2.46 -10.72	46.15 2.72 -10.68	47.96 2.88 -10.78	51.36 3.75 -1.91	72.79 4.76 -9.94	62.13 4.36 -3.97	55.23 3.63 -5.04	55.49 3.08 -11.30	50.76 2.91 -12.33	46.15 2.80 -8.82	41.87 2.35 -5.99
BARRETT_IC_11 23702	31.18 1.87 -0.08	29.32 1.47 -0.07	28.94 1.32 -0.07	29.29 1.44 -0.08	30.84 1.71 -0.08	39.96 2.13 -4.53	48.69 2.89 0.00	54.93 3.06 0.00	43.94 2.91 0.00	36.86 2.79 -0.08	41.87 2.50 -6.87	43.55 2.46 -10.67	41.87 2.54 -9.13	43.55 2.46 -10.72	46.15 2.72 -10.68	47.96 2.88 -10.78	51.36 3.75 -1.91	72.79 4.76 -9.94	62.13 4.36 -3.97	55.23 3.63 -5.04	55.49 3.08 -11.30	50.76 2.91 -12.33	46.15 2.80 -8.82	41.87 2.35 -5.99
BARRETT_IC_12 23703	31.18 1.87 -0.08	29.32 1.47 -0.07	28.94 1.32 -0.07	29.29 1.44 -0.08	30.84 1.71 -0.08	39.96 2.13 -4.53	48.69 2.89 0.00	54.93 3.06 0.00	43.94 2.91 0.00	36.86 2.79 -0.08	41.87 2.50 -6.87	43.55 2.46 -10.67	41.87 2.54 -9.13	43.55 2.46 -10.72	46.15 2.72 -10.68	47.96 2.88 -10.78	51.36 3.75 -1.91	72.79 4.76 -9.94	62.13 4.36 -3.97	55.23 3.63 -5.04	55.49 3.08 -11.30	50.76 2.91 -12.33	46.15 2.80 -8.82	41.87 2.35 -5.99
BARRETT_IC_2 23705	31.18 1.87 -0.08	29.32 1.47 -0.07	28.94 1.32 -0.07	29.29 1.44 -0.08	30.84 1.71 -0.08	39.96 2.13 -4.53	48.69 2.89 0.00	54.93 3.06 0.00	43.94 2.91 0.00	36.86 2.79 -0.08	41.87 2.50 -6.87	43.55 2.46 -10.67	41.87 2.54 -9.13	43.55 2.46 -10.72	46.15 2.72 -10.68	47.96 2.88 -10.78	51.36 3.75 -1.91	72.79 4.76 -9.94	62.13 4.36 -3.97	55.23 3.63 -5.04	55.49 3.08 -11.30	50.76 2.91 -12.33	46.15 2.80 -8.82	41.87 2.35 -5.99
BARRETT_IC_3 23706	31.18 1.87 -0.08	29.32 1.47 -0.07	28.94 1.32 -0.07	29.29 1.44 -0.08	30.84 1.71 -0.08	39.96 2.13 -4.53	48.69 2.89 0.00	54.93 3.06 0.00	43.94 2.91 0.00	36.86 2.79 -0.08	41.87 2.50 -6.87	43.55 2.46 -10.67	41.87 2.54 -9.13	43.55 2.46 -10.72	46.15 2.72 -10.68	47.96 2.88 -10.78	51.36 3.75 -1.91	72.79 4.76 -9.94	62.13 4.36 -3.97	55.23 3.63 -5.04	55.49 3.08 -11.30	50.76 2.91 -12.33	46.15 2.80 -8.82	41.87 2.35 -5.99
BARRETT_IC_4 23707	31.18 1.87 -0.08	29.32 1.47 -0.07	28.94 1.32 -0.07	29.29 1.44 -0.08	30.84 1.71 -0.08	39.96 2.13 -4.53	48.69 2.89 0.00	54.93 3.06 0.00	43.94 2.91 0.00	36.86 2.79 -0.08	41.87 2.50 -6.87	43.55 2.46 -10.67	41.87 2.54 -9.13	43.55 2.46 -10.72	46.15 2.72 -10.68	47.96 2.88 -10.78	51.36 3.75 -1.91	72.79 4.76 -9.94	62.13 4.36 -3.97	55.23 3.63 -5.04	55.49 3.08 -11.30	50.76 2.91 -12.33	46.15 2.80 -8.82	41.87 2.35 -5.99
BARRETT_IC_5 23708	31.18 1.87 -0.08	29.32 1.47 -0.07	28.94 1.32 -0.07	29.29 1.44 -0.08	30.84 1.71 -0.08	39.96 2.13 -4.53	48.69 2.89 0.00	54.93 3.06 0.00	43.94 2.91 0.00	36.86 2.79 -0.08	41.87 2.50 -6.87	43.55 2.46 -10.67	41.87 2.54 -9.13	43.55 2.46 -10.72	46.15 2.72 -10.68	47.96 2.88 -10.78	51.36 3.75 -1.91	72.79 4.76 -9.94	62.13 4.36 -3.97	55.23 3.63 -5.04	55.49 3.08 -11.30	50.76 2.91 -12.33	46.15 2.80 -8.82	41.87 2.35 -5.99
BARRETT_IC_6 23709	31.18 1.87 -0.08	29.32 1.47 -0.07	28.94 1.32 -0.07	29.29 1.44 -0.08	30.84 1.71 -0.08	39.96 2.13 -4.53	48.69 2.89 0.00	54.93 3.06 0.00	43.94 2.91 0.00	36.86 2.79 -0.08	41.87 2.50 -6.87	43.55 2.46 -10.67	41.87 2.54 -9.13	43.55 2.46 -10.72	46.15 2.72 -10.68	47.96 2.88 -10.78	51.36 3.75 -1.91	72.79 4.76 -9.94	62.13 4.36 -3.97	55.23 3.63 -5.04	55.49 3.08 -11.30	50.76 2.91 -12.33	46.15 2.80 -8.82	41.87 2.35 -5.99

BARRETT_IC_7 23710	31.18 1.87 -0.08	29.32 1.47 -0.07	28.97 1.35 -0.07	29.32 1.47 -0.08	30.84 1.71 -0.08	39.96 2.13 -4.53	48.69 2.89 0.00	54.98 3.11 0.00	43.94 2.91 0.00	36.86 2.79 -0.08	41.87 2.50 -6.87	43.55 2.46 -10.67	41.87 2.54 -9.13	43.55 2.46 -10.72	46.15 2.72 -10.68	47.96 2.88 -10.78	51.34 3.75 -1.90	72.79 4.76 -9.94	62.11 4.36 -3.96	55.22 3.63 -5.04	55.48 3.08 -11.30	50.72 2.88 -12.33	46.15 2.80 -8.82	41.74 2.21 -5.99
BARRETT_IC_8 23711	31.18 1.87 -0.08	29.32 1.47 -0.07	28.94 1.32 -0.07	29.29 1.44 -0.08	30.84 1.71 -0.08	39.96 2.13 -4.53	48.69 2.89 0.00	54.93 3.06 0.00	43.94 2.91 0.00	36.86 2.79 -0.08	41.87 2.50 -6.87	43.55 2.46 -10.67	41.87 2.54 -9.13	43.55 2.46 -10.72	46.15 2.72 -10.68	47.96 2.88 -10.78	51.36 3.75 -1.91	72.79 4.76 -9.94	62.13 4.36 -3.97	55.23 3.63 -5.04	55.49 3.08 -11.30	50.76 2.91 -12.33	46.15 2.80 -8.82	41.87 2.35 -5.99
BARRETT_IC_9 23700	31.18 1.87 -0.08	29.32 1.47 -0.07	28.94 1.32 -0.07	29.29 1.44 -0.08	30.84 1.71 -0.08	39.96 2.13 -4.53	48.69 2.89 0.00	54.93 3.06 0.00	43.94 2.91 0.00	36.86 2.79 -0.08	41.87 2.50 -6.87	43.55 2.46 -10.67	41.87 2.54 -9.13	43.55 2.46 -10.72	46.15 2.72 -10.68	47.96 2.88 -10.78	51.36 3.75 -1.91	72.79 4.76 -9.94	62.13 4.36 -3.97	55.23 3.63 -5.04	55.49 3.08 -11.30	50.76 2.91 -12.33	46.15 2.80 -8.82	41.87 2.35 -5.99
BARRETT___1 23545	31.18 1.87 -0.08	29.32 1.47 -0.07	28.94 1.32 -0.07	29.29 1.44 -0.08	30.84 1.71 -0.08	39.96 2.13 -4.53	48.69 2.89 0.00	54.93 3.06 0.00	43.94 2.91 0.00	36.86 2.79 -0.08	41.87 2.50 -6.87	43.55 2.46 -10.67	41.87 2.54 -9.13	43.55 2.46 -10.72	46.15 2.72 -10.68	47.96 2.88 -10.78	51.36 3.75 -1.91	72.79 4.76 -9.94	62.13 4.36 -3.97	55.23 3.63 -5.04	55.49 3.08 -11.30	50.76 2.91 -12.33	46.15 2.80 -8.82	41.87 2.35 -5.99
BARRETT___2 23546	31.18 1.87 -0.08	29.32 1.47 -0.07	28.94 1.32 -0.07	29.29 1.44 -0.08	30.84 1.71 -0.08	39.96 2.13 -4.53	48.69 2.89 0.00	54.93 3.06 0.00	43.94 2.91 0.00	36.86 2.79 -0.08	41.87 2.50 -6.87	43.55 2.46 -10.67	41.87 2.54 -9.13	43.55 2.46 -10.72	46.15 2.72 -10.68	47.96 2.88 -10.78	51.36 3.75 -1.91	72.79 4.76 -9.94	62.13 4.36 -3.97	55.23 3.63 -5.04	55.49 3.08 -11.30	50.76 2.91 -12.33	46.15 2.80 -8.82	41.87 2.35 -5.99
BATAVIA___115KV_TB1 55881	29.95 0.73 0.00	28.33 0.56 0.00	27.99 0.44 0.00	27.98 0.22 0.00	29.25 0.20 0.00	33.26 -0.03 0.00	44.94 -0.87 0.00	51.87 0.00 0.00	41.40 0.37 0.00	34.19 0.20 0.00	32.60 0.10 0.00	30.47 0.06 0.00	29.87 -0.33 0.00	30.04 -0.33 0.00	32.03 -0.72 0.00	33.54 -1.30 -0.55	44.58 -1.55 -0.43	57.83 -2.50 -2.24	52.66 -2.04 -0.90	45.43 -1.63 -0.51	39.92 -1.56 -0.39	35.03 -1.42 -0.93	33.07 -1.52 -0.05	32.40 -1.14 -0.01
BAYONEEC___CTG1 323682	30.33 1.11 0.00	28.89 1.11 0.00	28.54 0.99 0.00	28.79 1.03 0.00	30.21 1.16 0.00	34.56 1.26 0.00	48.19 2.38 0.00	54.46 2.59 0.00	43.20 2.17 0.00	35.99 2.00 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.82 2.06 0.00	38.78 2.20 -2.29	50.38 2.79 -1.90	71.56 3.60 -9.86	60.87 3.12 -3.95	51.47 2.70 -2.22	45.13 2.34 -1.69	41.44 2.13 -3.79	36.78 2.04 -0.21	35.08 1.51 -0.04
BAYONEEC___CTG10 323750	30.33 1.11 0.00	28.89 1.11 0.00	28.54 0.99 0.00	28.79 1.03 0.00	30.21 1.16 0.00	34.56 1.26 0.00	48.19 2.38 0.00	54.46 2.59 0.00	43.20 2.17 0.00	35.99 2.00 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.82 2.06 0.00	38.78 2.20 -2.29	50.38 2.79 -1.90	71.56 3.60 -9.86	60.87 3.12 -3.95	51.47 2.70 -2.22	45.13 2.34 -1.69	41.44 2.13 -3.79	36.78 2.04 -0.21	35.08 1.51 -0.04
BAYONEEC___CTG2 323683	30.33 1.11 0.00	28.89 1.11 0.00	28.54 0.99 0.00	28.79 1.03 0.00	30.21 1.16 0.00	34.56 1.26 0.00	48.19 2.38 0.00	54.46 2.59 0.00	43.20 2.17 0.00	35.99 2.00 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.82 2.06 0.00	38.78 2.20 -2.29	50.38 2.79 -1.90	71.56 3.60 -9.86	60.87 3.12 -3.95	51.47 2.70 -2.22	45.13 2.34 -1.69	41.44 2.13 -3.79	36.78 2.04 -0.21	35.08 1.51 -0.04
BAYONEEC___CTG3 323684	30.33 1.11 0.00	28.89 1.11 0.00	28.54 0.99 0.00	28.79 1.03 0.00	30.21 1.16 0.00	34.56 1.26 0.00	48.19 2.38 0.00	54.46 2.59 0.00	43.20 2.17 0.00	35.99 2.00 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.82 2.06 0.00	38.78 2.20 -2.29	50.38 2.79 -1.90	71.56 3.60 -9.86	60.87 3.12 -3.95	51.47 2.70 -2.22	45.13 2.34 -1.69	41.44 2.13 -3.79	36.78 2.04 -0.21	35.08 1.51 -0.04
BAYONEEC___CTG4 323685	30.33 1.11 0.00	28.89 1.11 0.00	28.54 0.99 0.00	28.79 1.03 0.00	30.21 1.16 0.00	34.56 1.26 0.00	48.19 2.38 0.00	54.46 2.59 0.00	43.20 2.17 0.00	35.99 2.00 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.82 2.06 0.00	38.78 2.20 -2.29	50.38 2.79 -1.90	71.56 3.60 -9.86	60.87 3.12 -3.95	51.47 2.70 -2.22	45.13 2.34 -1.69	41.44 2.13 -3.79	36.78 2.04 -0.21	35.08 1.51 -0.04
BAYONEEC___CTG5 323686	30.33 1.11 0.00	28.89 1.11 0.00	28.54 0.99 0.00	28.79 1.03 0.00	30.21 1.16 0.00	34.56 1.26 0.00	48.19 2.38 0.00	54.46 2.59 0.00	43.20 2.17 0.00	35.99 2.00 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.82 2.06 0.00	38.78 2.20 -2.29	50.38 2.79 -1.90	71.56 3.60 -9.86	60.87 3.12 -3.95	51.47 2.70 -2.22	45.13 2.34 -1.69	41.44 2.13 -3.79	36.78 2.04 -0.21	35.08 1.51 -0.04
BAYONEEC___CTG6 323687	30.33 1.11 0.00	28.89 1.11 0.00	28.54 0.99 0.00	28.79 1.03 0.00	30.21 1.16 0.00	34.56 1.26 0.00	48.19 2.38 0.00	54.46 2.59 0.00	43.20 2.17 0.00	35.99 2.00 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.82 2.06 0.00	38.78 2.20 -2.29	50.38 2.79 -1.90	71.56 3.60 -9.86	60.87 3.12 -3.95	51.47 2.70 -2.22	45.13 2.34 -1.69	41.44 2.13 -3.79	36.78 2.04 -0.21	35.08 1.51 -0.04
BAYONEEC___CTG7 323688	30.33 1.11 0.00	28.89 1.11 0.00	28.54 0.99 0.00	28.79 1.03 0.00	30.21 1.16 0.00	34.56 1.26 0.00	48.19 2.38 0.00	54.46 2.59 0.00	43.20 2.17 0.00	35.99 2.00 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.82 2.06 0.00	38.78 2.20 -2.29	50.38 2.79 -1.90	71.56 3.60 -9.86	60.87 3.12 -3.95	51.47 2.70 -2.22	45.13 2.34 -1.69	41.44 2.13 -3.79	36.78 2.04 -0.21	35.08 1.51 -0.04
BAYONEEC___CTG8 323689	30.33 1.11 0.00	28.89 1.11 0.00	28.54 0.99 0.00	28.79 1.03 0.00	30.21 1.16 0.00	34.56 1.26 0.00	48.19 2.38 0.00	54.46 2.59 0.00	43.20 2.17 0.00	35.99 2.00 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.82 2.06 0.00	38.78 2.20 -2.29	50.38 2.79 -1.90	71.56 3.60 -9.86	60.87 3.12 -3.95	51.47 2.70 -2.22	45.13 2.34 -1.69	41.44 2.13 -3.79	36.78 2.04 -0.21	35.08 1.51 -0.04

BAYONEEC___CTG9 323749	30.33 1.11 0.00	28.89 1.11 0.00	28.54 0.99 0.00	28.79 1.03 0.00	30.21 1.16 0.00	34.56 1.26 0.00	48.19 2.38 0.00	54.46 2.59 0.00	43.20 2.17 0.00	35.99 2.00 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.82 2.06 0.00	38.78 2.20 -2.29	50.38 2.79 -1.90	71.56 3.60 -9.86	60.87 3.12 -3.95	51.47 2.70 -2.22	45.13 2.34 -1.69	41.44 2.13 -3.79	36.78 2.04 -0.21	35.08 1.51 -0.04
BEACON___LESR 323632	29.92 0.70 0.00	28.47 0.69 0.00	28.18 0.63 0.00	28.48 0.72 0.00	29.83 0.78 0.00	34.26 0.97 0.00	47.36 1.56 0.00	53.64 1.76 0.00	42.38 1.35 0.00	34.94 0.95 0.00	33.44 0.94 0.00	31.33 0.91 0.00	31.20 1.00 0.00	31.41 1.03 0.00	34.00 1.24 0.00	38.44 1.41 -2.74	50.03 2.06 -2.27	72.57 2.67 -11.80	61.06 2.53 -4.73	51.26 2.05 -2.66	44.92 1.81 -2.02	41.51 1.46 -4.53	36.17 1.38 -0.25	34.65 1.07 -0.04
BEAVER RIVER___HYD 24048	28.61 -0.62 0.00	27.14 -0.64 0.00	27.02 -0.52 0.00	27.18 -0.58 0.00	28.58 -0.47 0.00	33.30 0.00 0.00	46.49 0.69 0.00	52.86 0.98 0.00	42.05 1.03 0.00	34.60 0.61 0.00	33.05 0.55 0.00	30.47 0.06 0.00	30.21 0.00 0.00	30.41 0.03 0.00	32.92 0.16 0.00	35.24 0.75 -0.19	47.18 1.33 -0.16	61.08 2.15 -0.83	56.50 2.36 -0.33	48.60 1.86 -0.19	43.01 1.77 -0.14	36.80 0.96 -0.32	35.00 0.45 -0.02	34.01 0.47 0.00
BEEBEE_GT_13 23619	29.54 0.32 0.00	27.97 0.19 0.00	27.68 0.14 0.00	27.73 -0.03 0.00	28.96 -0.09 0.00	33.03 -0.27 0.00	44.89 -0.92 0.00	51.35 -0.52 0.00	40.91 -0.12 0.00	33.85 -0.14 0.00	32.31 -0.20 0.00	30.23 -0.18 0.00	29.78 -0.42 0.00	29.95 -0.43 0.00	32.07 -0.69 0.00	33.86 -0.96 -0.52	44.94 -1.19 -0.44	58.44 -1.92 -2.26	53.09 -1.61 -0.91	45.76 -1.30 -0.51	40.25 -1.23 -0.39	35.35 -1.03 -0.86	33.37 -1.21 -0.05	32.54 -1.01 -0.01
BENSHRST_27_KV_BENSHRST_1 355998	30.71 1.49 0.00	29.22 1.44 0.00	28.89 1.35 0.00	29.07 1.30 0.00	30.50 1.45 0.00	34.83 1.53 0.00	48.10 2.29 0.00	54.47 2.59 0.00	43.29 2.26 0.00	36.20 2.21 0.00	34.48 1.98 0.00	32.42 2.01 0.00	32.26 2.05 0.00	32.35 1.97 0.00	35.01 2.26 0.00	38.98 2.40 -2.29	50.56 2.97 -1.90	71.91 3.95 -9.86	61.15 3.39 -3.96	51.71 2.93 -2.22	45.25 2.47 -1.69	41.58 2.27 -3.79	37.16 2.42 -0.21	35.48 1.91 -0.04
BETHLEHEM___GRP 23843	29.43 0.20 0.00	28.00 0.22 0.00	27.77 0.22 0.00	28.01 0.25 0.00	29.31 0.26 0.00	33.60 0.30 0.00	46.45 0.64 0.00	52.55 0.67 0.00	41.52 0.49 0.00	34.30 0.31 0.00	32.83 0.33 0.00	30.75 0.33 0.00	30.66 0.45 0.00	30.83 0.46 0.00	33.34 0.59 0.00	37.72 0.69 -2.75	48.93 0.96 -2.27	71.07 1.16 -11.81	59.67 1.13 -4.74	50.15 0.93 -2.66	43.90 0.78 -2.02	40.73 0.67 -4.54	35.41 0.62 -0.25	33.98 0.40 -0.04
BETHLEHEM___GS1 323560	29.43 0.21 0.00	28.00 0.22 0.00	27.71 0.17 0.00	28.01 0.25 0.00	29.30 0.26 0.00	33.60 0.30 0.00	46.45 0.64 0.00	52.54 0.67 0.00	41.52 0.49 0.00	34.29 0.31 0.00	32.83 0.32 0.00	30.75 0.34 0.00	30.66 0.45 0.00	30.83 0.46 0.00	33.34 0.59 0.00	37.72 0.69 -2.75	48.93 0.96 -2.27	71.07 1.16 -11.81	59.67 1.13 -4.74	50.14 0.93 -2.66	43.90 0.78 -2.02	40.73 0.67 -4.54	35.41 0.62 -0.25	33.98 0.40 -0.04
BETHLEHEM___GS2 323561	29.43 0.21 0.00	28.00 0.22 0.00	27.71 0.17 0.00	28.01 0.25 0.00	29.30 0.26 0.00	33.60 0.30 0.00	46.45 0.64 0.00	52.54 0.67 0.00	41.52 0.49 0.00	34.29 0.31 0.00	32.83 0.32 0.00	30.75 0.34 0.00	30.66 0.45 0.00	30.83 0.46 0.00	33.34 0.59 0.00	37.72 0.69 -2.75	48.93 0.96 -2.27	71.07 1.16 -11.81	59.67 1.13 -4.74	50.14 0.93 -2.66	43.90 0.78 -2.02	40.73 0.67 -4.54	35.41 0.62 -0.25	33.98 0.40 -0.04
BETHLEHEM___GS3 323562	29.43 0.21 0.00	28.00 0.22 0.00	27.71 0.17 0.00	28.01 0.25 0.00	29.30 0.26 0.00	33.60 0.30 0.00	46.45 0.64 0.00	52.54 0.67 0.00	41.52 0.49 0.00	34.29 0.31 0.00	32.83 0.32 0.00	30.75 0.34 0.00	30.66 0.45 0.00	30.83 0.46 0.00	33.34 0.59 0.00	37.72 0.69 -2.75	48.93 0.96 -2.27	71.07 1.16 -11.81	59.67 1.13 -4.74	50.14 0.93 -2.66	43.90 0.78 -2.02	40.73 0.67 -4.54	35.41 0.62 -0.25	33.98 0.40 -0.04
BETHLEHEM___STEEL 23779	29.98 0.76 0.00	28.36 0.58 0.00	27.99 0.44 0.00	27.98 0.22 0.00	29.25 0.20 0.00	33.23 -0.07 0.00	44.71 -1.10 0.00	51.56 -0.31 0.00	41.15 0.12 0.00	34.02 0.03 0.00	32.47 -0.03 0.00	30.44 0.03 0.00	29.75 -0.45 0.00	29.98 -0.39 0.00	31.94 -0.82 0.00	33.03 -1.85 -0.59	43.91 -2.24 -0.45	56.83 -3.60 -2.34	51.73 -3.01 -0.94	44.52 -2.56 -0.53	39.00 -2.51 -0.41	34.39 -2.13 -1.01	32.66 -1.93 -0.06	32.03 -1.51 -0.01
BETHLHEM_115KV_TB1 79974	29.51 0.29 0.00	28.08 0.31 0.00	27.85 0.30 0.00	28.09 0.33 0.00	29.39 0.35 0.00	33.70 0.40 0.00	46.54 0.73 0.00	52.70 0.83 0.00	41.60 0.57 0.00	34.40 0.41 0.00	32.92 0.42 0.00	30.84 0.43 0.00	30.72 0.51 0.00	30.92 0.55 0.00	33.41 0.66 0.00	37.79 0.75 -2.74	49.02 1.05 -2.27	71.18 1.28 -11.81	59.77 1.24 -4.73	50.24 1.02 -2.66	44.02 0.90 -2.02	40.80 0.75 -4.54	35.48 0.69 -0.25	34.08 0.50 -0.04
BETHPAGE_CC_5 323564	31.27 2.04 0.00	29.36 1.58 0.00	28.98 1.43 0.00	29.32 1.55 0.00	30.91 1.86 0.00	36.23 2.43 -0.51	49.06 3.25 0.00	55.40 3.53 0.00	44.21 3.16 -0.03	37.02 3.02 0.00	36.10 2.83 -0.77	34.41 2.80 -1.20	34.04 2.81 -1.03	34.38 2.79 -1.21	37.08 3.08 -1.25	42.23 3.19 -4.75	51.76 4.16 -1.91	73.24 5.29 -9.87	62.55 4.79 -3.96	53.73 4.19 -2.99	48.93 3.53 -4.29	46.63 3.23 -7.88	39.69 3.14 -2.01	37.00 2.75 -0.72
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.07 0.85 0.00	28.45 0.67 0.00	28.04 0.50 0.00	28.07 0.31 0.00	29.33 0.29 0.00	33.33 0.03 0.00	44.89 -0.92 0.00	51.82 -0.05 0.00	41.32 0.29 0.00	34.16 0.17 0.00	32.60 0.10 0.00	30.57 0.15 0.00	29.87 -0.33 0.00	30.07 -0.30 0.00	32.03 -0.72 0.00	33.07 -1.82 -0.59	44.01 -2.15 -0.46	56.96 -3.49 -2.36	51.84 -2.91 -0.95	44.62 -2.47 -0.54	39.04 -2.47 -0.41	34.44 -2.10 -1.01	32.72 -1.86 -0.06	32.13 -1.41 -0.01
BINGHAMTON___COGEN 23790	29.89 0.67 0.00	28.39 0.61 0.00	28.10 0.55 0.00	28.29 0.53 0.00	29.57 0.52 0.00	33.80 0.50 0.00	46.40 0.60 0.00	52.86 0.99 0.00	41.69 0.66 0.00	34.57 0.58 0.00	32.99 0.49 0.00	30.87 0.46 0.00	30.51 0.30 0.00	30.71 0.33 0.00	33.05 0.29 0.00	35.38 0.10 -0.98	46.74 0.23 -0.81	62.53 0.23 -4.21	55.65 0.16 -1.69	47.68 0.19 -0.95	41.90 0.08 -0.72	37.22 0.07 -1.63	34.73 0.10 -0.09	33.68 0.13 -0.02
BIXINCNT_115KV_LOAD 355685	30.42 1.20 0.00	28.81 1.03 0.00	28.40 0.85 0.00	28.46 0.69 0.00	29.80 0.76 0.00	33.90 0.60 0.00	45.85 0.05 0.00	52.96 1.09 0.00	42.10 1.07 0.00	34.81 0.82 0.00	33.18 0.68 0.00	31.05 0.64 0.00	30.27 0.06 0.00	30.50 0.12 0.00	32.49 -0.26 0.00	33.36 -1.54 -0.61	44.44 -1.74 -0.48	57.69 -2.85 -2.45	52.31 -2.47 -0.99	45.06 -2.05 -0.56	39.30 -2.22 -0.42	34.50 -2.06 -1.04	33.00 -1.59 -0.06	32.30 -1.24 -0.01

BLACK RIVER___HYD 24047	29.08 -0.15 0.00	27.59 -0.19 0.00	27.44 -0.11 0.00	27.62 -0.14 0.00	28.96 -0.09 0.00	33.46 0.17 0.00	46.58 0.78 0.00	53.07 1.19 0.00	41.77 0.74 0.00	34.33 0.34 0.00	32.63 0.13 0.00	30.14 -0.27 0.00	29.81 -0.39 0.00	30.01 -0.36 0.00	32.46 -0.30 0.00	34.84 0.24 -0.30	46.81 0.87 -0.25	60.96 1.57 -1.30	56.32 1.99 -0.52	48.38 1.53 -0.29	42.64 1.31 -0.22	36.73 0.71 -0.50	34.87 0.31 -0.03	33.87 0.34 0.00
BLACKRVR_115KV_TB2 79977	29.08 -0.15 0.00	27.58 -0.19 0.00	27.41 -0.14 0.00	27.65 -0.11 0.00	28.96 -0.09 0.00	33.46 0.17 0.00	46.58 0.78 0.00	53.07 1.19 0.00	41.77 0.74 0.00	34.33 0.34 0.00	32.63 0.13 0.00	30.14 -0.27 0.00	29.81 -0.39 0.00	30.01 -0.36 0.00	32.46 -0.29 0.00	34.83 0.24 -0.30	46.81 0.87 -0.25	60.96 1.57 -1.30	56.31 1.99 -0.52	48.38 1.54 -0.29	42.64 1.32 -0.22	36.73 0.71 -0.50	34.91 0.35 -0.03	33.97 0.44 0.00
BLISS_WT_PWR 323608	30.45 1.23 0.00	28.81 1.03 0.00	28.62 1.07 0.00	28.65 0.89 0.00	29.83 0.78 0.00	33.93 0.63 0.00	45.90 0.09 0.00	53.01 1.14 0.00	42.14 1.11 0.00	34.84 0.85 0.00	33.22 0.71 0.00	31.08 0.67 0.00	30.27 0.06 0.00	30.50 0.12 0.00	32.49 -0.26 0.00	33.36 -1.54 -0.61	44.53 -1.64 -0.48	57.70 -2.85 -2.45	52.26 -2.53 -0.99	45.06 -2.05 -0.56	39.26 -2.26 -0.42	34.50 -2.06 -1.04	33.31 -1.28 -0.06	32.20 -1.34 -0.01
BLUESTONE___WT_PWR 323821	31.35 2.13 0.00	29.78 2.00 0.00	29.55 2.01 0.00	29.76 2.00 0.00	31.11 2.06 0.00	35.63 2.33 0.00	49.38 3.58 0.00	56.54 4.67 0.00	44.31 3.28 0.00	36.61 2.62 0.00	34.71 2.21 0.00	32.30 1.89 0.00	31.96 1.75 0.00	32.14 1.76 0.00	34.69 1.93 0.00	37.44 2.13 -1.02	49.92 3.38 -0.84	66.82 4.36 -4.37	59.80 4.25 -1.75	51.03 3.49 -0.99	44.76 2.92 -0.75	39.59 2.38 -1.69	36.87 2.24 -0.09	35.56 2.01 -0.02
BLUE_CIRC_CHEM_DRP 24182	29.75 0.53 0.00	28.31 0.53 0.00	28.07 0.52 0.00	28.32 0.56 0.00	29.62 0.58 0.00	33.93 0.63 0.00	46.91 1.10 0.00	53.07 1.19 0.00	41.93 0.90 0.00	34.67 0.68 0.00	33.18 0.68 0.00	31.08 0.67 0.00	30.96 0.76 0.00	31.13 0.76 0.00	33.64 0.88 0.00	37.99 0.96 -2.74	49.24 1.28 -2.26	71.43 1.57 -11.77	60.03 1.51 -4.72	50.51 1.30 -2.65	44.22 1.11 -2.01	41.00 0.96 -4.52	35.72 0.93 -0.25	34.28 0.70 -0.04
BOC_GAS_DRP 24189	29.69 0.47 0.00	28.25 0.47 0.00	28.04 0.50 0.00	28.29 0.53 0.00	29.60 0.55 0.00	33.86 0.57 0.00	46.81 1.01 0.00	52.96 1.09 0.00	41.85 0.82 0.00	34.64 0.65 0.00	33.15 0.65 0.00	31.05 0.64 0.00	30.93 0.72 0.00	31.10 0.73 0.00	33.61 0.85 0.00	37.92 0.89 -2.74	49.15 1.19 -2.27	71.32 1.45 -11.77	59.87 1.35 -4.72	50.42 1.21 -2.66	44.14 1.03 -2.01	40.96 0.92 -4.52	35.65 0.86 -0.25	34.25 0.67 -0.04
BOONVILLE_115KV_TB1 79983	29.57 0.35 0.00	28.08 0.31 0.00	27.90 0.36 0.00	28.15 0.39 0.00	29.48 0.44 0.00	34.00 0.70 0.00	47.04 1.24 0.00	53.64 1.76 0.00	42.46 1.44 0.00	35.04 1.05 0.00	33.41 0.91 0.00	30.99 0.58 0.00	30.75 0.54 0.00	30.92 0.55 0.00	33.41 0.66 0.00	35.45 0.99 -0.17	47.43 1.60 -0.14	61.01 2.21 -0.71	56.40 2.31 -0.29	48.57 1.86 -0.16	42.78 1.56 -0.12	36.75 0.96 -0.27	35.38 0.83 -0.02	34.44 0.91 0.00
BORALEX_4TH_BRANCH 23824	30.62 1.40 0.00	29.14 1.36 0.00	28.84 1.29 0.00	29.15 1.39 0.00	30.55 1.51 0.00	34.96 1.66 0.00	48.23 2.43 0.00	54.88 3.01 0.00	43.24 2.22 0.00	35.62 1.63 0.00	34.19 1.69 0.00	32.03 1.61 0.00	31.96 1.75 0.00	32.17 1.79 0.00	34.75 2.00 0.00	39.05 2.02 -2.74	50.79 2.83 -2.26	73.34 3.49 -11.77	61.91 3.39 -4.72	52.09 2.89 -2.65	45.62 2.51 -2.01	42.13 2.10 -4.52	36.86 2.07 -0.25	35.42 1.84 -0.04
BOWLINE___1 23526	30.30 1.08 0.00	28.86 1.08 0.00	28.51 0.96 0.00	28.79 1.03 0.00	30.18 1.13 0.00	34.56 1.26 0.00	48.14 2.33 0.00	54.31 2.44 0.00	42.79 1.76 0.00	35.65 1.67 0.00	34.13 1.62 0.00	32.05 1.64 0.00	31.90 1.69 0.00	32.05 1.67 0.00	34.62 1.87 0.00	38.50 1.92 -2.29	49.97 2.37 -1.89	71.01 3.08 -9.85	60.44 2.69 -3.95	51.10 2.33 -2.22	44.76 1.97 -1.68	41.18 1.88 -3.78	36.54 1.79 -0.21	34.81 1.24 -0.03
BOWLINE___2 23595	30.30 1.08 0.00	28.86 1.08 0.00	28.51 0.96 0.00	28.79 1.03 0.00	30.18 1.13 0.00	34.56 1.26 0.00	48.14 2.33 0.00	54.31 2.44 0.00	42.83 1.80 0.00	35.69 1.70 0.00	34.13 1.62 0.00	32.09 1.67 0.00	31.90 1.69 0.00	32.05 1.67 0.00	34.62 1.87 0.00	38.50 1.92 -2.29	50.06 2.47 -1.90	71.15 3.19 -9.86	60.50 2.74 -3.95	51.15 2.37 -2.22	44.84 2.05 -1.69	41.22 1.92 -3.79	36.54 1.79 -0.21	34.81 1.24 -0.03
BRADY___115KV_TB2 356060	27.70 -1.52 0.00	26.31 -1.47 0.00	26.31 -1.24 0.00	26.65 -1.11 0.00	27.94 -1.10 0.00	33.46 0.17 0.00	47.18 1.37 0.00	53.12 1.24 0.00	45.05 4.02 0.00	36.71 2.72 0.00	35.10 2.60 0.00	31.90 1.49 0.00	31.66 1.45 0.00	31.86 1.49 0.00	34.65 1.90 0.00	37.44 3.05 -0.10	50.03 4.25 -0.08	62.06 3.54 -0.43	57.31 3.34 -0.17	49.44 2.79 -0.10	44.71 3.53 -0.07	37.78 2.10 -0.16	35.96 1.42 -0.01	35.15 1.61 0.00
BRANSCOMB___SOLAR 323811	30.80 1.58 0.00	29.31 1.53 0.00	29.00 1.46 0.00	29.32 1.55 0.00	30.73 1.68 0.00	35.33 2.03 0.00	48.83 3.02 0.00	55.24 3.37 0.00	43.57 2.54 0.00	35.82 1.83 0.00	34.26 1.75 0.00	32.02 1.61 0.00	31.90 1.69 0.00	32.05 1.67 0.00	34.72 1.97 0.00	38.95 1.85 -2.81	50.72 2.70 -2.33	73.55 3.37 -12.09	61.88 3.23 -4.85	51.98 2.70 -2.73	45.51 2.34 -2.07	42.08 1.92 -4.64	36.65 1.86 -0.26	35.62 2.05 -0.04
BRENTWOD_69_KV_W. BRTWOOD 56703	31.85 2.63 0.00	29.89 2.11 0.00	29.53 1.98 0.00	29.84 2.08 0.00	31.48 2.44 0.00	36.17 2.66 -0.21	49.21 3.34 -0.06	55.92 4.05 0.00	44.40 3.12 -0.25	37.49 3.50 0.00	35.85 3.02 -0.32	33.93 3.01 -0.51	33.63 2.99 -0.43	33.89 3.01 -0.51	36.67 3.14 -0.77	42.77 3.22 -5.25	52.28 4.25 -2.33	73.37 5.40 -9.87	62.88 4.90 -4.19	54.80 4.52 -3.74	49.54 3.82 -4.62	47.57 3.48 -8.57	40.18 3.25 -2.40	36.68 2.82 -0.33
BRISTLHL_115KV_TB1 79998	29.02 -0.20 0.00	27.53 -0.25 0.00	27.30 -0.25 0.00	27.46 -0.31 0.00	28.72 -0.32 0.00	32.86 -0.43 0.00	44.75 -1.05 0.00	50.99 -0.88 0.00	40.25 -0.78 0.00	33.38 -0.61 0.00	31.92 -0.59 0.00	29.84 -0.58 0.00	29.57 -0.63 0.00	29.77 -0.61 0.00	32.07 -0.69 0.00	33.91 -0.79 -0.41	45.03 -1.01 -0.34	58.57 -1.28 -1.76	53.32 -1.18 -0.71	45.92 -1.02 -0.40	40.45 -0.95 -0.30	35.31 -0.89 -0.68	33.85 -0.73 -0.04	32.94 -0.60 -0.01
BROOKHAVEN___DRP 24191	31.76 2.54 0.00	29.78 2.00 0.00	29.41 1.87 0.00	29.73 1.97 0.00	31.36 2.32 0.00	36.55 3.10 -0.16	50.56 4.17 -0.59	56.43 4.51 -0.04	47.00 3.69 -2.28	37.65 3.64 -0.03	36.16 3.41 -0.25	34.15 3.35 -0.39	33.83 3.29 -0.33	34.11 3.34 -0.39	38.93 3.57 -2.60	51.13 3.74 -13.10	56.87 4.94 -6.24	74.29 6.22 -9.98	65.73 5.65 -6.28	63.11 4.98 -11.58	56.78 4.23 -11.44	54.80 3.94 -15.34	47.83 3.70 -9.60	36.98 3.19 -0.27

BROOKLYN_NAVY_YARD 23515	30.27 1.05 0.00	28.83 1.06 0.00	28.48 0.94 0.00	28.73 0.97 0.00	30.15 1.10 0.00	34.53 1.23 0.00	48.19 2.38 0.00	54.46 2.59 0.00	43.20 2.17 0.00	35.99 2.00 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.20 1.82 0.00	34.82 2.06 0.00	38.78 2.20 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.95	51.52 2.75 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.78 2.04 -0.21	35.08 1.51 -0.04
BROOKLYN___ARMY_DRP 323595	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
BROOKVLE_69_KV_TB1 55790	31.01 1.78 -0.01	29.29 1.50 -0.01	28.96 1.40 -0.01	29.24 1.47 -0.01	30.74 1.68 -0.01	36.28 2.13 -0.85	48.92 3.11 0.00	55.19 3.32 0.00	44.03 3.00 -0.01	36.72 2.72 -0.01	36.36 2.57 -1.29	34.98 2.55 -2.01	34.49 2.57 -1.72	34.94 2.55 -2.02	37.61 2.82 -2.04	42.25 2.98 -4.97	51.52 3.93 -1.90	72.84 4.88 -9.87	62.17 4.41 -3.96	53.46 3.82 -3.09	49.05 3.33 -4.62	45.89 2.98 -7.39	39.64 2.83 -2.28	36.95 2.25 -1.17
BROOME_2_LFGE 323671	29.89 0.67 0.00	28.39 0.61 0.00	28.15 0.61 0.00	28.32 0.56 0.00	29.57 0.52 0.00	33.80 0.50 0.00	46.40 0.59 0.00	52.86 0.98 0.00	41.68 0.65 0.00	34.57 0.58 0.00	32.99 0.49 0.00	30.87 0.46 0.00	30.51 0.30 0.00	30.71 0.33 0.00	33.05 0.29 0.00	35.38 0.10 -0.98	46.74 0.23 -0.81	62.53 0.23 -4.21	55.65 0.16 -1.69	47.69 0.19 -0.95	41.90 0.08 -0.72	37.22 0.07 -1.63	34.80 0.17 -0.09	33.65 0.10 -0.02
BROOME___LFGE 323600	29.89 0.67 0.00	28.39 0.61 0.00	28.15 0.61 0.00	28.32 0.56 0.00	29.57 0.52 0.00	33.80 0.50 0.00	46.40 0.59 0.00	52.86 0.98 0.00	41.68 0.65 0.00	34.57 0.58 0.00	32.99 0.49 0.00	30.87 0.46 0.00	30.51 0.30 0.00	30.71 0.33 0.00	33.05 0.29 0.00	35.38 0.10 -0.98	46.74 0.23 -0.81	62.53 0.23 -4.21	55.65 0.16 -1.69	47.69 0.19 -0.95	41.90 0.08 -0.72	37.22 0.07 -1.63	34.80 0.17 -0.09	33.65 0.10 -0.02
BROWNFLS_115KV_TB_3_5 80003	27.99 -1.23 0.00	26.58 -1.19 0.00	26.50 -1.05 0.00	26.79 -0.97 0.00	28.09 -0.96 0.00	33.10 -0.20 0.00	46.49 0.69 0.00	52.70 0.83 0.00	42.38 1.35 0.00	34.77 0.78 0.00	33.31 0.81 0.00	30.60 0.18 0.00	30.33 0.12 0.00	30.56 0.18 0.00	33.15 0.39 0.00	35.58 1.13 -0.16	47.38 1.55 -0.13	61.26 2.50 -0.67	56.60 2.53 -0.27	48.75 2.05 -0.15	43.56 2.34 -0.11	37.09 1.31 -0.26	35.27 0.73 -0.01	34.44 0.91 0.00
BROWNSV1_27_KV_LOAD 356125	30.54 1.31 0.00	29.08 1.31 0.00	28.76 1.21 0.00	28.98 1.22 0.00	30.38 1.34 0.00	34.83 1.53 0.00	48.55 2.75 0.00	54.93 3.06 0.00	43.57 2.54 0.00	36.30 2.31 0.00	34.61 2.11 0.00	32.54 2.13 0.00	32.35 2.14 0.00	32.47 2.10 0.00	35.08 2.33 0.00	39.09 2.50 -2.29	50.84 3.24 -1.90	72.14 4.18 -9.86	61.41 3.66 -3.95	51.94 3.17 -2.22	45.50 2.71 -1.69	41.76 2.45 -3.79	37.06 2.31 -0.21	35.31 1.74 -0.04
BURROWS___LYONSDAL 23803	29.37 0.15 0.00	27.89 0.11 0.00	27.71 0.17 0.00	27.96 0.19 0.00	29.31 0.26 0.00	33.86 0.57 0.00	46.95 1.15 0.00	53.53 1.66 0.00	42.38 1.35 0.00	34.94 0.95 0.00	33.35 0.85 0.00	30.90 0.49 0.00	30.63 0.42 0.00	30.80 0.43 0.00	33.28 0.52 0.00	35.39 0.93 -0.17	47.39 1.55 -0.14	61.03 2.21 -0.74	56.41 2.31 -0.29	48.58 1.86 -0.17	42.79 1.56 -0.13	36.72 0.92 -0.28	35.24 0.69 -0.02	34.34 0.80 0.00
CAITHNESS_CC_1 323624	31.64 2.42 0.00	29.69 1.92 0.00	29.28 1.74 0.00	29.65 1.89 0.00	31.28 2.24 0.00	36.42 2.96 -0.16	50.33 3.94 -0.59	55.91 3.99 -0.04	46.88 3.57 -2.28	37.55 3.53 -0.03	36.06 3.32 -0.25	34.06 3.26 -0.39	33.74 3.20 -0.33	34.02 3.25 -0.39	38.83 3.47 -2.60	51.03 3.63 -13.10	56.66 4.71 -6.25	74.00 5.93 -9.98	65.52 5.43 -6.29	62.89 4.75 -11.59	56.62 4.07 -11.45	54.67 3.80 -15.35	47.73 3.59 -9.61	37.22 3.42 -0.26
CALPINE BETH_PAGE_GT4 24209	31.16 1.93 -0.01	29.28 1.50 0.00	28.93 1.38 0.00	29.24 1.47 -0.01	30.82 1.77 -0.01	36.28 2.33 -0.65	48.97 3.16 0.00	55.24 3.37 0.00	44.13 3.08 -0.03	36.92 2.92 -0.01	36.23 2.73 -0.99	34.67 2.71 -1.55	34.25 2.72 -1.32	34.63 2.70 -1.56	37.33 2.98 -1.59	42.35 3.12 -4.94	51.57 3.98 -1.90	72.96 5.00 -9.87	62.33 4.57 -3.96	53.56 3.96 -3.05	48.98 3.37 -4.51	46.48 3.05 -7.91	39.80 3.04 -2.22	36.89 2.45 -0.91
CALPINE_BETH_PAGE_GT_4 323586	31.16 1.93 -0.01	29.28 1.50 0.00	28.90 1.35 0.00	29.24 1.47 -0.01	30.82 1.77 -0.01	36.28 2.33 -0.65	48.96 3.16 0.00	55.24 3.37 0.00	44.13 3.08 -0.03	36.92 2.92 -0.01	36.23 2.73 -0.99	34.67 2.71 -1.55	34.25 2.72 -1.32	34.63 2.70 -1.56	37.33 2.98 -1.59	42.25 3.02 -4.94	51.58 3.97 -1.91	72.96 5.00 -9.87	62.34 4.57 -3.96	53.56 3.95 -3.05	48.98 3.37 -4.51	46.52 3.09 -7.91	39.80 3.04 -2.22	37.06 2.62 -0.91
CALPINE_BP_GT1 23823	31.16 1.93 -0.01	29.28 1.50 0.00	28.90 1.35 0.00	29.24 1.47 -0.01	30.82 1.77 -0.01	36.28 2.33 -0.65	48.96 3.16 0.00	55.24 3.37 0.00	44.13 3.08 -0.03	36.92 2.92 -0.01	36.23 2.73 -0.99	34.67 2.71 -1.55	34.25 2.72 -1.32	34.63 2.70 -1.56	37.33 2.98 -1.59	42.25 3.02 -4.94	51.58 3.97 -1.91	72.96 5.00 -9.87	62.34 4.57 -3.96	53.56 3.95 -3.05	48.98 3.37 -4.51	46.52 3.09 -7.91	39.80 3.04 -2.22	37.06 2.62 -0.91
CALSPAN___DRP 24200	29.98 0.76 0.00	28.36 0.58 0.00	27.99 0.44 0.00	27.98 0.22 0.00	29.25 0.20 0.00	33.23 -0.07 0.00	44.71 -1.10 0.00	51.56 -0.31 0.00	41.15 0.12 0.00	34.02 0.03 0.00	32.47 -0.03 0.00	30.44 0.03 0.00	29.75 -0.45 0.00	29.98 -0.39 0.00	31.94 -0.82 0.00	33.03 -1.85 -0.59	43.91 -2.24 -0.45	56.83 -3.60 -2.34	51.73 -3.01 -0.94	44.52 -2.56 -0.53	39.00 -2.51 -0.41	34.39 -2.13 -1.01	32.66 -1.93 -0.06	32.03 -1.51 -0.01
CALVERTON___SOLAR 323806	31.88 2.66 0.00	29.89 2.11 0.00	29.50 1.96 0.00	29.84 2.08 0.00	31.48 2.44 0.00	36.69 3.23 -0.16	50.79 4.40 -0.59	56.32 4.41 -0.04	47.21 3.90 -2.28	37.79 3.77 -0.03	36.29 3.54 -0.25	34.27 3.47 -0.39	33.95 3.41 -0.33	34.23 3.46 -0.39	39.09 3.73 -2.60	51.33 3.94 -13.10	57.11 5.16 -6.25	74.64 6.56 -9.98	66.06 5.97 -6.29	63.39 5.26 -11.58	57.02 4.48 -11.45	55.01 4.15 -15.34	48.00 3.87 -9.60	37.52 3.72 -0.27
CANDIGU_WT_PWR 323617	30.16 0.93 0.00	28.59 0.81 0.00	28.40 0.85 0.00	28.46 0.69 0.00	29.68 0.64 0.00	33.83 0.53 0.00	46.04 0.23 0.00	52.81 0.93 0.00	41.81 0.78 0.00	34.60 0.61 0.00	32.96 0.45 0.00	30.84 0.43 0.00	30.27 0.06 0.00	30.50 0.12 0.00	32.66 -0.10 0.00	34.31 -0.72 -0.74	45.56 -0.73 -0.60	59.84 -1.33 -3.08	53.91 -1.13 -1.24	46.32 -0.93 -0.70	40.56 -1.07 -0.53	35.80 -0.96 -1.24	33.88 -0.73 -0.07	32.84 -0.71 -0.01

CARR STREET_E__SYR 24060	29.25 0.03 0.00	27.75 -0.03 0.00	27.55 0.00 0.00	27.71 -0.06 0.00	28.93 -0.12 0.00	33.03 -0.27 0.00	44.98 -0.82 0.00	51.10 -0.78 0.00	40.37 -0.66 0.00	33.62 -0.37 0.00	32.21 -0.29 0.00	30.11 -0.30 0.00	29.84 -0.36 0.00	30.04 -0.33 0.00	32.36 -0.39 0.00	34.11 -0.62 -0.44	45.10 -0.96 -0.36	58.76 -1.22 -1.89	53.37 -1.18 -0.76	45.95 -1.02 -0.43	40.48 -0.94 -0.32	35.57 -0.68 -0.73	34.06 -0.52 -0.04	33.10 -0.44 -0.01
CARTHAGE__PAPER 23857	28.72 -0.50 0.00	27.25 -0.53 0.00	27.10 -0.44 0.00	27.29 -0.47 0.00	28.70 -0.35 0.00	33.36 0.07 0.00	46.58 0.78 0.00	52.96 1.09 0.00	41.97 0.94 0.00	34.50 0.51 0.00	32.89 0.39 0.00	30.32 -0.09 0.00	30.03 -0.18 0.00	30.22 -0.15 0.00	32.72 -0.03 0.00	35.10 0.55 -0.26	47.10 1.19 -0.22	61.19 1.98 -1.12	56.56 2.31 -0.45	48.62 1.81 -0.25	42.98 1.69 -0.19	36.87 0.92 -0.43	34.97 0.42 -0.02	33.94 0.40 0.00
CASSADAGA_WT_PWR 323784	30.92 1.69 0.00	29.25 1.47 0.00	29.06 1.51 0.00	29.01 1.25 0.00	30.24 1.19 0.00	34.43 1.13 0.00	46.58 0.78 0.00	53.84 1.97 0.00	42.67 1.64 0.00	35.31 1.32 0.00	33.74 1.23 0.00	31.57 1.16 0.00	30.81 0.60 0.00	31.01 0.64 0.00	32.98 0.23 0.00	34.08 -0.82 -0.61	45.35 -0.82 -0.47	58.67 -1.86 -2.44	53.06 -1.72 -0.98	45.52 -1.58 -0.55	39.71 -1.81 -0.42	34.96 -1.60 -1.04	33.31 -1.28 -0.06	32.27 -1.27 -0.01
CE_DUNWOOD__DRP 24194	30.33 1.11 0.00	28.89 1.11 0.00	28.56 1.02 0.00	28.82 1.05 0.00	30.21 1.16 0.00	34.60 1.30 0.00	48.19 2.38 0.00	54.47 2.59 0.00	43.08 2.05 0.00	35.86 1.87 0.00	34.22 1.72 0.00	32.15 1.73 0.00	31.99 1.78 0.00	32.11 1.73 0.00	34.72 1.97 0.00	38.67 2.09 -2.29	50.29 2.70 -1.90	71.43 3.49 -9.85	60.82 3.07 -3.95	51.43 2.65 -2.22	45.04 2.26 -1.69	41.36 2.06 -3.78	36.68 1.93 -0.21	35.01 1.44 -0.04
CE_MILLWOOD__DRP 24193	30.27 1.05 0.00	28.83 1.06 0.00	28.54 0.99 0.00	28.79 1.03 0.00	30.15 1.10 0.00	34.53 1.23 0.00	48.10 2.29 0.00	54.36 2.49 0.00	42.96 1.93 0.00	35.76 1.77 0.00	34.13 1.63 0.00	32.06 1.64 0.00	31.90 1.69 0.00	32.05 1.67 0.00	34.62 1.87 0.00	38.56 1.99 -2.28	50.14 2.56 -1.89	71.21 3.31 -9.81	60.64 2.91 -3.93	51.28 2.51 -2.21	44.96 2.18 -1.68	41.24 1.95 -3.77	36.61 1.86 -0.21	34.94 1.37 -0.04
CE_NYC2_DRP 24202	30.48 1.26 0.00	29.00 1.22 0.00	28.70 1.16 0.00	28.90 1.14 0.00	30.29 1.25 0.00	34.63 1.33 0.00	48.05 2.24 0.00	54.41 2.54 0.00	43.16 2.13 0.00	36.03 2.04 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.09 2.30 -1.69	41.40 2.10 -3.79	36.85 2.11 -0.21	35.18 1.61 -0.04
CE_NYC_DRP 24195	30.33 1.11 0.00	28.92 1.14 0.00	28.59 1.05 0.00	28.82 1.05 0.00	30.21 1.16 0.00	34.60 1.30 0.00	47.64 2.43 0.59	54.11 2.65 0.41	43.15 2.26 0.14	36.03 2.04 0.00	34.39 1.89 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.26 1.88 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.07 2.88 -1.49	71.31 3.72 -9.50	60.68 3.23 -3.65	51.26 2.79 -1.92	45.17 2.38 -1.69	41.47 2.17 -3.79	36.78 2.04 -0.21	35.08 1.51 -0.04
CHAFFEE__LFGE 323603	30.01 0.79 0.00	28.39 0.61 0.00	28.23 0.69 0.00	28.20 0.44 0.00	29.30 0.26 0.00	33.30 0.00 0.00	44.89 -0.92 0.00	51.82 -0.05 0.00	41.32 0.29 0.00	34.13 0.14 0.00	32.60 0.10 0.00	30.54 0.12 0.00	29.84 -0.36 0.00	30.04 -0.33 0.00	32.03 -0.72 0.00	33.11 -1.78 -0.60	44.15 -2.01 -0.47	57.18 -3.31 -2.39	51.96 -2.80 -0.96	44.72 -2.37 -0.54	39.21 -2.30 -0.41	34.52 -2.02 -1.02	33.00 -1.59 -0.06	32.10 -1.44 -0.01
CHATEAUG_35_KV_LOAD 355732	27.29 -1.93 0.00	25.95 -1.83 0.00	25.98 -1.57 0.00	26.35 -1.42 0.00	27.65 -1.39 0.00	33.20 -0.10 0.00	46.86 1.05 0.00	52.39 0.52 0.00	42.14 1.11 0.00	34.60 0.61 0.00	33.35 0.85 0.00	30.60 0.18 0.00	30.39 0.18 0.00	30.65 0.27 0.00	33.28 0.52 0.00	35.72 1.34 -0.09	47.32 1.55 -0.07	61.38 2.90 -0.38	56.59 2.64 -0.15	48.87 2.23 -0.09	44.08 2.92 -0.07	37.33 1.67 -0.15	35.61 1.07 -0.01	34.81 1.27 0.00
CHATEAUG_WT_PWR 323614	27.29 -1.93 0.00	25.97 -1.81 0.00	25.98 -1.57 0.00	26.01 -1.75 0.00	27.65 -1.39 0.00	33.16 -0.13 0.00	46.86 1.05 0.00	52.50 0.62 0.00	42.22 1.19 0.00	34.63 0.64 0.00	33.41 0.91 0.00	30.66 0.24 0.00	30.45 0.24 0.00	30.71 0.33 0.00	33.34 0.59 0.00	35.78 1.41 -0.08	47.36 1.60 -0.07	61.40 2.96 -0.35	56.63 2.69 -0.14	48.91 2.28 -0.08	44.08 2.92 -0.06	37.39 1.74 -0.14	35.47 0.93 -0.01	34.78 1.24 0.00
CHAT_HIGH_FALL_HYD 323578	27.29 -1.93 0.00	25.94 -1.83 0.00	25.95 -1.60 0.00	26.01 -1.75 0.00	27.65 -1.39 0.00	33.20 -0.10 0.00	46.86 1.05 0.00	52.39 0.52 0.00	42.14 1.11 0.00	34.60 0.61 0.00	33.34 0.84 0.00	30.60 0.18 0.00	30.39 0.18 0.00	30.65 0.27 0.00	33.28 0.52 0.00	35.71 1.34 -0.08	47.32 1.55 -0.07	61.35 2.90 -0.35	56.58 2.64 -0.14	48.86 2.23 -0.08	44.08 2.92 -0.06	37.32 1.67 -0.14	35.44 0.90 -0.01	34.74 1.21 0.00
CHAUTAUQUA__LFGE 323629	30.48 1.26 0.00	28.83 1.06 0.00	28.67 1.13 0.00	28.65 0.89 0.00	29.77 0.73 0.00	33.86 0.57 0.00	45.76 -0.05 0.00	52.75 0.88 0.00	41.97 0.94 0.00	34.70 0.71 0.00	33.15 0.65 0.00	31.05 0.64 0.00	30.33 0.12 0.00	30.53 0.15 0.00	32.53 -0.23 0.00	33.70 -1.20 -0.60	44.89 -1.28 -0.47	58.01 -2.50 -2.41	52.67 -2.10 -0.97	45.23 -1.86 -0.55	39.63 -1.89 -0.42	34.91 -1.63 -1.03	33.21 -1.38 -0.06	32.30 -1.24 -0.01
CHERRYST_13_KV_LD 356241	30.42 1.20 0.00	28.97 1.19 0.00	28.65 1.10 0.00	28.87 1.11 0.00	30.26 1.22 0.00	34.66 1.37 0.00	47.78 2.57 0.59	54.26 2.80 0.41	43.27 2.38 0.14	36.16 2.18 0.00	34.48 1.98 0.00	32.39 1.98 0.00	32.23 2.02 0.00	32.32 1.94 0.00	34.95 2.19 0.00	38.92 2.33 -2.29	50.20 3.02 -1.49	71.49 3.89 -9.50	60.84 3.39 -3.65	51.35 2.89 -1.92	45.25 2.47 -1.69	41.54 2.24 -3.79	36.88 2.14 -0.21	35.15 1.58 -0.04
CHESTROR_138KV_BK263 355645	29.98 0.76 0.00	28.56 0.78 0.00	28.23 0.69 0.00	28.51 0.75 0.00	29.86 0.81 0.00	34.16 0.87 0.00	47.50 1.69 0.00	53.69 1.82 0.00	42.34 1.31 0.00	35.18 1.19 0.00	33.57 1.07 0.00	31.54 1.13 0.00	31.35 1.15 0.00	31.53 1.15 0.00	34.03 1.28 0.00	37.80 1.41 -2.11	49.31 1.87 -1.74	69.59 2.44 -9.06	59.53 2.10 -3.63	50.41 1.82 -2.04	44.17 1.52 -1.55	40.42 1.42 -3.48	36.04 1.31 -0.19	34.61 1.04 -0.03
CH_MIDHUDSON__DRP 24192	30.24 1.02 0.00	28.83 1.06 0.00	28.54 0.99 0.00	28.79 1.03 0.00	30.18 1.13 0.00	34.50 1.20 0.00	48.00 2.20 0.00	54.26 2.39 0.00	42.88 1.85 0.00	35.55 1.56 0.00	33.93 1.43 0.00	31.84 1.43 0.00	31.72 1.51 0.00	31.86 1.49 0.00	34.46 1.70 0.00	38.47 1.85 -2.33	50.09 2.47 -1.93	71.30 3.20 -10.01	60.67 2.85 -4.02	51.23 2.42 -2.26	44.87 2.05 -1.71	41.21 1.85 -3.85	36.47 1.73 -0.21	34.88 1.31 -0.04

CH_MISC_IPPS 23765	30.33 1.11 0.00	28.89 1.11 0.00	28.56 1.02 0.00	28.84 1.08 0.00	30.24 1.19 0.00	34.59 1.30 0.00	48.19 2.38 0.00	54.41 2.54 0.00	42.96 1.93 0.00	35.65 1.67 0.00	33.93 1.43 0.00	31.87 1.46 0.00	31.72 1.51 0.00	31.89 1.52 0.00	34.49 1.73 0.00	38.50 1.92 -2.28	50.24 2.65 -1.89	71.35 3.43 -9.83	60.81 3.07 -3.94	51.32 2.56 -2.22	44.96 2.18 -1.68	41.24 1.95 -3.77	36.54 1.79 -0.21	34.98 1.41 -0.04
CH_RES_BVR_FALLS 23983	28.05 -1.17 0.00	26.70 -1.08 0.00	26.55 -0.99 0.00	26.71 -1.05 0.00	28.14 -0.90 0.00	32.96 -0.33 0.00	45.90 0.09 0.00	51.77 -0.10 0.00	41.32 0.29 0.00	34.06 0.07 0.00	32.70 0.20 0.00	30.29 -0.12 0.00	30.12 -0.09 0.00	30.31 -0.06 0.00	32.79 0.03 0.00	34.76 0.41 -0.06	46.16 0.41 -0.05	59.27 0.93 -0.25	54.76 0.86 -0.10	47.31 0.70 -0.06	42.21 1.07 -0.04	36.15 0.53 -0.10	34.71 0.17 -0.01	33.80 0.27 0.00
CH_RES_NIAGARA 23895	28.81 -0.41 0.00	27.25 -0.53 0.00	27.13 -0.41 0.00	27.10 -0.67 0.00	28.09 -0.96 0.00	31.83 -1.46 0.00	42.51 -3.30 0.00	48.97 -2.90 0.00	39.22 -1.80 0.00	32.39 -1.60 0.00	30.94 -1.56 0.00	29.05 -1.37 0.00	28.39 -1.81 0.00	28.61 -1.76 0.00	30.46 -2.29 0.00	31.66 -3.19 -0.56	42.10 -4.02 -0.42	54.05 -6.21 -2.18	49.35 -5.33 -0.88	42.58 -4.47 -0.50	37.49 -3.99 -0.38	33.14 -3.34 -0.97	31.34 -3.25 -0.05	30.66 -2.88 -0.01
CH_RES_SYRACUSE 23985	29.45 0.23 0.00	27.97 0.20 0.00	27.74 0.19 0.00	27.90 0.14 0.00	29.16 0.12 0.00	33.33 0.03 0.00	45.53 -0.27 0.00	51.77 -0.10 0.00	40.91 -0.12 0.00	33.96 -0.03 0.00	32.44 -0.06 0.00	30.32 -0.09 0.00	30.06 -0.15 0.00	30.22 -0.15 0.00	32.59 -0.16 0.00	34.48 -0.28 -0.47	45.76 -0.32 -0.39	59.63 -0.47 -2.01	54.17 -0.43 -0.80	46.63 -0.37 -0.45	41.07 -0.37 -0.34	35.93 -0.36 -0.77	34.34 -0.24 -0.04	33.34 -0.20 -0.01
CLINTON_WT_PWR 323605	27.29 -1.93 0.00	25.97 -1.81 0.00	25.98 -1.57 0.00	26.01 -1.75 0.00	27.65 -1.39 0.00	33.16 -0.13 0.00	46.86 1.05 0.00	52.50 0.62 0.00	42.22 1.19 0.00	34.63 0.64 0.00	33.41 0.91 0.00	30.66 0.24 0.00	30.45 0.24 0.00	30.71 0.33 0.00	33.34 0.59 0.00	35.78 1.41 -0.08	47.36 1.60 -0.07	61.40 2.96 -0.35	56.63 2.69 -0.14	48.91 2.28 -0.08	44.08 2.92 -0.06	37.39 1.74 -0.14	35.47 0.93 -0.01	34.78 1.24 0.00
CLINTON__LFGE 323618	27.70 -1.52 0.00	26.33 -1.45 0.00	26.33 -1.21 0.00	26.35 -1.41 0.00	28.03 -1.02 0.00	33.63 0.33 0.00	47.59 1.78 0.00	53.38 1.51 0.00	42.92 1.89 0.00	35.18 1.19 0.00	33.93 1.43 0.00	31.08 0.67 0.00	30.87 0.66 0.00	31.16 0.79 0.00	33.83 1.08 0.00	36.33 1.95 -0.08	48.18 2.42 -0.07	62.57 4.12 -0.35	57.65 3.71 -0.14	49.80 3.17 -0.08	44.86 3.70 -0.06	37.96 2.31 -0.14	35.99 1.45 -0.01	35.31 1.78 0.00
COBBLENY_34_KV_TB1 80064	30.01 0.79 0.00	28.39 0.61 0.00	28.01 0.47 0.00	28.01 0.25 0.00	29.31 0.26 0.00	33.30 0.00 0.00	44.89 -0.92 0.00	51.77 -0.10 0.00	41.32 0.29 0.00	34.13 0.14 0.00	32.60 0.10 0.00	30.54 0.12 0.00	29.84 -0.36 0.00	30.07 -0.30 0.00	32.03 -0.72 0.00	33.14 -1.75 -0.60	44.11 -2.06 -0.47	57.17 -3.31 -2.39	51.97 -2.80 -0.96	44.72 -2.37 -0.54	39.21 -2.30 -0.41	34.55 -1.99 -1.02	32.76 -1.83 -0.06	32.13 -1.41 -0.01
COFFEEN__115KV_TB3 355620	29.25 0.03 0.00	27.75 -0.03 0.00	27.57 0.03 0.00	27.82 0.06 0.00	29.13 0.09 0.00	33.66 0.37 0.00	46.86 1.05 0.00	53.43 1.56 0.00	42.01 0.98 0.00	34.50 0.51 0.00	32.73 0.23 0.00	30.23 -0.18 0.00	29.90 -0.30 0.00	30.07 -0.30 0.00	32.56 -0.20 0.00	34.94 0.34 -0.31	47.05 1.10 -0.25	61.32 1.92 -1.32	56.75 2.42 -0.53	48.71 1.86 -0.30	42.93 1.60 -0.23	36.95 0.92 -0.51	35.08 0.52 -0.03	34.14 0.60 0.00
COLDSPRG_115KV_BK1 355956	31.12 1.90 0.00	29.45 1.67 0.00	29.03 1.49 0.00	29.07 1.30 0.00	30.47 1.42 0.00	34.70 1.40 0.00	47.13 1.33 0.00	54.47 2.59 0.00	43.12 2.09 0.00	35.65 1.67 0.00	34.03 1.53 0.00	31.87 1.46 0.00	31.05 0.85 0.00	31.26 0.88 0.00	33.28 0.52 0.00	34.22 -0.69 -0.62	45.59 -0.59 -0.48	59.24 -1.34 -2.48	53.56 -1.24 -1.00	46.09 -1.02 -0.56	40.17 -1.36 -0.43	35.32 -1.24 -1.05	33.66 -0.93 -0.06	32.97 -0.57 -0.01
COLONIE_LFGE__ 323577	30.30 1.08 0.00	28.81 1.03 0.00	28.51 0.96 0.00	28.82 1.05 0.00	30.21 1.16 0.00	34.63 1.33 0.00	47.82 2.01 0.00	54.21 2.34 0.00	42.79 1.76 0.00	35.28 1.29 0.00	33.77 1.27 0.00	31.63 1.22 0.00	31.50 1.30 0.00	31.71 1.34 0.00	34.29 1.54 0.00	38.61 1.54 -2.78	50.19 2.19 -2.30	72.71 2.67 -11.95	61.17 2.58 -4.79	51.43 2.19 -2.70	45.03 1.89 -2.04	41.71 1.60 -4.59	36.34 1.56 -0.26	34.98 1.41 -0.04
COOPERNY_115KV_TB1 80082	29.84 0.61 0.00	28.39 0.61 0.00	28.12 0.58 0.00	28.37 0.61 0.00	29.68 0.64 0.00	33.96 0.67 0.00	47.09 1.28 0.00	53.27 1.40 0.00	42.05 1.03 0.00	34.94 0.95 0.00	33.35 0.85 0.00	31.33 0.91 0.00	31.08 0.88 0.00	31.26 0.88 0.00	33.70 0.95 0.00	37.10 1.03 -1.78	48.50 1.33 -1.47	67.49 1.74 -7.66	58.38 1.51 -3.07	49.58 1.30 -1.73	43.56 1.15 -1.31	39.49 1.03 -2.94	35.66 0.97 -0.16	34.33 0.77 -0.03
COPENHAGEN_WT_PWR 323753	29.08 -0.15 0.00	27.59 -0.19 0.00	27.41 -0.14 0.00	27.60 -0.17 0.00	28.93 -0.12 0.00	33.40 0.10 0.00	46.40 0.59 0.00	52.81 0.93 0.00	41.60 0.57 0.00	34.23 0.24 0.00	32.53 0.03 0.00	30.11 -0.30 0.00	29.78 -0.42 0.00	29.95 -0.43 0.00	32.43 -0.33 0.00	34.71 0.10 -0.31	46.60 0.64 -0.26	60.72 1.28 -1.35	56.01 1.67 -0.54	48.11 1.26 -0.30	42.40 1.07 -0.23	36.60 0.57 -0.52	34.77 0.21 -0.03	33.78 0.24 0.00
CORNELL____ 23752	30.30 1.08 0.00	28.75 0.97 0.00	28.48 0.94 0.00	28.62 0.86 0.00	29.97 0.93 0.00	34.30 1.00 0.00	47.09 1.28 0.00	53.79 1.92 0.00	42.38 1.35 0.00	35.08 1.09 0.00	33.41 0.91 0.00	31.17 0.76 0.00	30.84 0.63 0.00	31.04 0.67 0.00	33.47 0.72 0.00	35.72 0.69 -0.74	47.40 1.10 -0.61	62.76 1.51 -3.16	56.47 1.40 -1.27	48.43 1.16 -0.71	42.58 0.95 -0.54	37.49 0.75 -1.22	35.33 0.73 -0.07	34.25 0.70 -0.01
CORONAAV_69_KV_TB1 355595	31.26 1.99 -0.05	29.41 1.58 -0.04	29.08 1.49 -0.04	29.39 1.58 -0.05	30.92 1.83 -0.05	38.48 2.33 -2.86	48.97 3.16 0.00	55.35 3.48 0.00	44.15 3.12 0.00	36.96 2.92 -0.05	39.53 2.70 -4.33	39.82 2.68 -6.73	38.65 2.69 -5.76	39.78 2.64 -6.76	42.42 2.92 -6.75	45.39 3.05 -8.04	51.66 4.07 -1.90	73.17 5.17 -9.91	62.49 4.73 -3.96	54.68 4.00 -4.13	52.72 3.45 -8.17	48.43 3.13 -9.79	43.27 3.00 -5.74	39.75 2.41 -3.80
CORTLAND_115KV_TB3 80093	29.92 0.70 0.00	28.39 0.61 0.00	28.15 0.61 0.00	28.32 0.56 0.00	29.62 0.58 0.00	33.90 0.60 0.00	46.54 0.73 0.00	53.01 1.14 0.00	41.81 0.78 0.00	34.67 0.68 0.00	33.05 0.55 0.00	30.87 0.46 0.00	30.57 0.36 0.00	30.77 0.39 0.00	33.18 0.43 0.00	35.27 0.34 -0.64	46.77 0.55 -0.52	61.57 0.76 -2.72	55.59 0.70 -1.09	47.77 0.61 -0.61	42.02 0.45 -0.47	36.92 0.36 -1.05	34.94 0.35 -0.06	33.91 0.37 -0.01

COXSACKIE___GT 23611	31.03 1.81 0.00	29.45 1.67 0.00	29.20 1.65 0.00	29.51 1.75 0.00	30.96 1.92 0.00	35.53 2.23 0.00	49.38 3.58 0.00	55.71 3.84 0.00	43.78 2.75 0.00	35.65 1.67 0.00	33.77 1.27 0.00	31.54 1.13 0.00	31.53 1.33 0.00	31.83 1.46 0.00	34.59 1.83 0.00	39.20 2.30 -2.61	51.60 3.75 -2.16	74.43 5.11 -11.22	63.25 4.95 -4.50	53.04 3.95 -2.53	46.26 3.25 -1.92	42.53 2.70 -4.31	37.15 2.38 -0.24	35.65 2.08 -0.04
CPV_VALLEY___CC1 323721	29.84 0.61 0.00	28.39 0.61 0.00	28.07 0.52 0.00	28.35 0.58 0.00	29.71 0.67 0.00	33.96 0.67 0.00	47.18 1.37 0.00	53.32 1.45 0.00	42.09 1.06 0.00	34.98 0.99 0.00	33.41 0.91 0.00	31.39 0.97 0.00	31.20 1.00 0.00	31.35 0.97 0.00	33.83 1.08 0.00	37.45 1.17 -1.99	48.85 1.51 -1.65	68.68 2.03 -8.56	58.90 1.67 -3.43	49.92 1.44 -1.93	43.79 1.23 -1.46	39.97 1.17 -3.29	35.82 1.10 -0.18	34.40 0.84 -0.03
CPV_VALLEY___CC2 323722	29.84 0.61 0.00	28.39 0.61 0.00	28.07 0.52 0.00	28.35 0.58 0.00	29.71 0.67 0.00	33.96 0.67 0.00	47.18 1.37 0.00	53.32 1.45 0.00	42.09 1.06 0.00	34.98 0.99 0.00	33.41 0.91 0.00	31.39 0.97 0.00	31.20 1.00 0.00	31.35 0.97 0.00	33.83 1.08 0.00	37.45 1.17 -1.99	48.85 1.51 -1.65	68.68 2.03 -8.56	58.90 1.67 -3.43	49.92 1.44 -1.93	43.79 1.23 -1.46	39.97 1.17 -3.29	35.82 1.10 -0.18	34.40 0.84 -0.03
CRESCENT___HYD 24018	30.30 1.08 0.00	28.81 1.03 0.00	28.51 0.96 0.00	28.82 1.05 0.00	30.21 1.16 0.00	34.63 1.33 0.00	47.82 2.01 0.00	54.21 2.34 0.00	42.79 1.76 0.00	35.28 1.29 0.00	33.77 1.27 0.00	31.63 1.22 0.00	31.50 1.30 0.00	31.71 1.34 0.00	34.29 1.54 0.00	38.61 1.54 -2.78	50.19 2.19 -2.30	72.71 2.67 -11.95	61.17 2.58 -4.79	51.43 2.19 -2.70	45.03 1.89 -2.04	41.71 1.60 -4.59	36.34 1.56 -0.26	34.98 1.41 -0.04
CRICKET___VALLEY_CC1 323756	30.10 0.88 0.00	28.72 0.95 0.00	28.34 0.80 0.00	28.68 0.91 0.00	30.06 1.02 0.00	34.33 1.03 0.00	47.68 1.88 0.00	53.95 2.08 0.00	42.55 1.52 0.00	35.28 1.29 0.00	33.77 1.27 0.00	31.72 1.31 0.00	31.60 1.39 0.00	31.74 1.37 0.00	34.29 1.54 0.00	38.30 1.61 -2.39	49.87 2.19 -1.98	71.12 2.73 -10.30	60.41 2.48 -4.13	51.02 2.14 -2.32	44.75 1.89 -1.76	41.18 1.70 -3.96	36.34 1.59 -0.22	34.84 1.27 -0.04
CRICKET___VALLEY_CC2 323757	30.10 0.88 0.00	28.72 0.95 0.00	28.34 0.80 0.00	28.68 0.91 0.00	30.06 1.02 0.00	34.33 1.03 0.00	47.68 1.88 0.00	53.95 2.08 0.00	42.55 1.52 0.00	35.28 1.29 0.00	33.77 1.27 0.00	31.72 1.31 0.00	31.60 1.39 0.00	31.74 1.37 0.00	34.29 1.54 0.00	38.30 1.61 -2.39	49.87 2.19 -1.98	71.12 2.73 -10.30	60.41 2.48 -4.13	51.02 2.14 -2.32	44.75 1.89 -1.76	41.18 1.70 -3.96	36.34 1.59 -0.22	34.84 1.27 -0.04
CRICKET___VALLEY_CC3 323758	30.10 0.88 0.00	28.72 0.95 0.00	28.34 0.80 0.00	28.68 0.91 0.00	30.06 1.02 0.00	34.33 1.03 0.00	47.68 1.88 0.00	53.95 2.08 0.00	42.55 1.52 0.00	35.28 1.29 0.00	33.77 1.27 0.00	31.72 1.31 0.00	31.60 1.39 0.00	31.74 1.37 0.00	34.29 1.54 0.00	38.30 1.61 -2.39	49.87 2.19 -1.98	71.12 2.73 -10.30	60.41 2.48 -4.13	51.02 2.14 -2.32	44.75 1.89 -1.76	41.18 1.70 -3.96	36.34 1.59 -0.22	34.84 1.27 -0.04
CRUCIBLE_METL_DRP 24180	29.46 0.23 0.00	27.97 0.19 0.00	27.71 0.17 0.00	27.87 0.11 0.00	29.16 0.12 0.00	33.33 0.03 0.00	45.53 -0.27 0.00	51.77 -0.10 0.00	40.91 -0.12 0.00	33.96 -0.03 0.00	32.44 -0.07 0.00	30.32 -0.09 0.00	30.06 -0.15 0.00	30.22 -0.15 0.00	32.59 -0.16 0.00	34.48 -0.27 -0.47	45.76 -0.32 -0.39	59.63 -0.46 -2.01	54.17 -0.43 -0.80	46.63 -0.37 -0.45	41.07 -0.37 -0.34	35.93 -0.36 -0.77	34.33 -0.24 -0.04	33.41 -0.13 -0.01
DAHOWA___HYDRO 323763	30.97 1.75 0.00	29.45 1.67 0.00	29.17 1.62 0.00	29.46 1.69 0.00	30.87 1.83 0.00	35.56 2.27 0.00	49.20 3.39 0.00	55.61 3.74 0.00	43.90 2.87 0.00	36.03 2.04 0.00	34.45 1.95 0.00	32.18 1.76 0.00	32.05 1.84 0.00	32.23 1.85 0.00	34.92 2.16 0.00	39.03 1.92 -2.82	50.86 2.83 -2.33	73.75 3.54 -12.12	62.11 3.45 -4.86	52.12 2.84 -2.73	45.64 2.47 -2.07	42.16 1.99 -4.65	36.76 1.97 -0.26	35.82 2.25 -0.04
DANC___LFGE 323619	28.99 -0.23 0.00	27.50 -0.28 0.00	27.32 -0.22 0.00	27.51 -0.25 0.00	28.81 -0.23 0.00	33.13 -0.17 0.00	45.76 -0.05 0.00	52.03 0.16 0.00	40.99 -0.04 0.00	33.85 -0.14 0.00	32.24 -0.26 0.00	29.96 -0.46 0.00	29.66 -0.54 0.00	29.83 -0.55 0.00	32.23 -0.53 0.00	34.37 -0.28 -0.35	45.89 -0.09 -0.29	59.77 0.17 -1.50	54.89 0.48 -0.60	47.22 0.33 -0.34	41.60 0.25 -0.26	36.10 0.00 -0.58	34.36 -0.21 -0.03	33.41 -0.13 -0.01
DANSKAMMER___1 23586	30.33 1.11 0.00	28.89 1.11 0.00	28.56 1.02 0.00	28.84 1.08 0.00	30.24 1.19 0.00	34.59 1.30 0.00	48.19 2.38 0.00	54.41 2.54 0.00	42.96 1.93 0.00	35.65 1.67 0.00	33.93 1.43 0.00	31.87 1.46 0.00	31.72 1.51 0.00	31.89 1.52 0.00	34.49 1.73 0.00	38.50 1.92 -2.28	50.24 2.65 -1.89	71.35 3.43 -9.83	60.81 3.07 -3.94	51.32 2.56 -2.22	44.96 2.18 -1.68	41.24 1.95 -3.77	36.54 1.79 -0.21	34.98 1.41 -0.04
DANSKAMMER___2 23589	30.33 1.11 0.00	28.89 1.11 0.00	28.56 1.02 0.00	28.84 1.08 0.00	30.24 1.19 0.00	34.59 1.30 0.00	48.19 2.38 0.00	54.41 2.54 0.00	42.96 1.93 0.00	35.65 1.67 0.00	33.93 1.43 0.00	31.87 1.46 0.00	31.72 1.51 0.00	31.89 1.52 0.00	34.49 1.73 0.00	38.50 1.92 -2.28	50.24 2.65 -1.89	71.35 3.43 -9.83	60.81 3.07 -3.94	51.32 2.56 -2.22	44.96 2.18 -1.68	41.24 1.95 -3.77	36.54 1.79 -0.21	34.98 1.41 -0.04
DANSKAMMER___3 23590	30.33 1.11 0.00	28.89 1.11 0.00	28.56 1.02 0.00	28.84 1.08 0.00	30.24 1.19 0.00	34.59 1.30 0.00	48.19 2.38 0.00	54.41 2.54 0.00	42.96 1.93 0.00	35.65 1.67 0.00	33.93 1.43 0.00	31.87 1.46 0.00	31.72 1.51 0.00	31.89 1.52 0.00	34.49 1.73 0.00	38.50 1.92 -2.28	50.24 2.65 -1.89	71.35 3.43 -9.83	60.81 3.07 -3.94	51.32 2.56 -2.22	44.96 2.18 -1.68	41.24 1.95 -3.77	36.54 1.79 -0.21	34.98 1.41 -0.04
DANSKAMMER___4 23591	30.33 1.11 0.00	28.89 1.11 0.00	28.56 1.02 0.00	28.84 1.08 0.00	30.24 1.19 0.00	34.59 1.30 0.00	48.19 2.38 0.00	54.41 2.54 0.00	42.96 1.93 0.00	35.65 1.67 0.00	33.93 1.43 0.00	31.87 1.46 0.00	31.72 1.51 0.00	31.89 1.52 0.00	34.49 1.73 0.00	38.50 1.92 -2.28	50.24 2.65 -1.89	71.35 3.43 -9.83	60.81 3.07 -3.94	51.32 2.56 -2.22	44.96 2.18 -1.68	41.24 1.95 -3.77	36.54 1.79 -0.21	34.98 1.41 -0.04
DANSKAMMER___DIESEL 23592	30.33 1.11 0.00	28.89 1.11 0.00	28.59 1.05 0.00	28.87 1.11 0.00	30.23 1.19 0.00	34.60 1.30 0.00	48.19 2.38 0.00	54.41 2.54 0.00	42.96 1.93 0.00	35.65 1.67 0.00	33.93 1.43 0.00	31.87 1.46 0.00	31.72 1.51 0.00	31.89 1.52 0.00	34.49 1.74 0.00	38.50 1.92 -2.28	50.24 2.65 -1.89	71.35 3.43 -9.83	60.81 3.07 -3.94	51.33 2.56 -2.22	44.96 2.18 -1.68	41.25 1.95 -3.77	36.54 1.80 -0.21	34.94 1.37 -0.04

DARBY___SOLAR 323810	30.83 1.61 0.00	29.33 1.55 0.00	29.03 1.49 0.00	29.34 1.58 0.00	30.76 1.71 0.00	35.40 2.10 0.00	48.92 3.12 0.00	55.35 3.48 0.00	43.69 2.67 0.00	35.89 1.90 0.00	34.35 1.85 0.00	32.09 1.67 0.00	31.96 1.75 0.00	32.14 1.76 0.00	34.79 2.03 0.00	38.95 1.85 -2.81	50.72 2.70 -2.33	73.55 3.37 -12.09	61.88 3.23 -4.85	51.98 2.70 -2.73	45.51 2.34 -2.07	42.08 1.92 -4.64	36.65 1.86 -0.26	35.66 2.08 -0.04
DASHVILLE___HYD 23610	30.01 0.79 0.00	28.58 0.81 0.00	28.32 0.77 0.00	28.57 0.81 0.00	29.92 0.87 0.00	34.16 0.87 0.00	47.45 1.65 0.00	53.53 1.66 0.00	42.26 1.23 0.00	35.04 1.05 0.00	33.41 0.91 0.00	31.36 0.94 0.00	31.20 1.00 0.00	31.38 1.00 0.00	33.93 1.18 0.00	38.00 1.34 -2.37	49.39 1.74 -1.96	70.60 2.32 -10.18	59.93 2.04 -4.08	50.57 1.72 -2.30	44.32 1.48 -1.74	40.78 1.35 -3.91	36.06 1.31 -0.22	34.51 0.94 -0.04
DEERFIELD_69_KV_DEERFIELD LD 355887	32.46 3.24 0.00	30.41 2.64 0.00	30.05 2.51 0.00	30.39 2.64 0.00	32.06 3.02 0.00	37.39 3.93 -0.16	52.03 5.63 -0.59	57.88 5.97 -0.04	48.15 4.84 -2.28	38.50 4.49 -0.03	36.98 4.23 -0.25	34.91 4.11 -0.39	34.56 4.02 -0.33	34.87 4.10 -0.39	39.75 4.39 -2.60	52.04 4.66 -13.09	58.24 6.31 -6.23	76.15 8.07 -9.98	67.50 7.42 -6.27	64.59 6.47 -11.57	58.00 5.47 -11.44	55.97 5.11 -15.34	48.68 4.56 -9.59	37.79 3.99 -0.27
DELAWARE___LFGE 323621	30.13 0.91 0.00	28.67 0.89 0.00	28.43 0.88 0.00	28.65 0.89 0.00	29.94 0.90 0.00	34.30 1.00 0.00	47.45 1.65 0.00	53.79 1.92 0.00	42.46 1.44 0.00	35.18 1.19 0.00	33.54 1.04 0.00	31.39 0.97 0.00	31.14 0.94 0.00	31.29 0.91 0.00	33.77 1.02 0.00	36.54 1.06 -1.19	48.18 1.51 -0.98	65.10 1.92 -5.09	57.62 1.78 -2.04	49.23 1.54 -1.15	43.29 1.32 -0.87	38.62 1.14 -1.96	35.68 1.04 -0.11	34.46 0.91 -0.02
DERFIELD_115KV_TB7 355931	29.16 -0.06 0.00	27.75 -0.03 0.00	27.52 -0.03 0.00	27.76 0.00 0.00	29.04 0.00 0.00	33.36 0.07 0.00	45.99 0.18 0.00	52.08 0.21 0.00	41.23 0.21 0.00	34.13 0.14 0.00	32.60 0.10 0.00	30.47 0.06 0.00	30.30 0.09 0.00	30.44 0.06 0.00	32.82 0.07 0.00	34.50 0.14 -0.07	45.98 0.23 -0.06	58.74 0.35 -0.30	54.24 0.32 -0.12	46.90 0.28 -0.07	41.40 0.25 -0.05	35.81 0.18 -0.12	34.71 0.17 -0.01	33.70 0.17 0.00
DOGLEVILLE___HYD 23807	30.01 0.79 0.00	28.50 0.72 0.00	28.29 0.74 0.00	28.54 0.78 0.00	29.89 0.84 0.00	34.33 1.03 0.00	47.09 1.28 0.00	53.79 1.92 0.00	42.55 1.52 0.00	35.25 1.26 0.00	33.57 1.07 0.00	31.36 0.94 0.00	31.14 0.94 0.00	31.29 0.91 0.00	33.74 0.98 0.00	35.46 1.10 -0.07	47.35 1.60 -0.06	60.43 2.03 -0.30	55.97 2.04 -0.12	48.34 1.72 -0.07	42.71 1.56 -0.05	36.77 1.14 -0.12	35.78 1.24 -0.01	34.47 0.94 0.00
DUNKIRK___115KV_TB_200 55889	30.42 1.20 0.00	28.78 1.00 0.00	28.37 0.83 0.00	28.40 0.64 0.00	29.71 0.67 0.00	33.76 0.47 0.00	45.62 -0.18 0.00	52.60 0.73 0.00	41.85 0.82 0.00	34.60 0.61 0.00	33.02 0.52 0.00	30.96 0.55 0.00	30.24 0.03 0.00	30.47 0.09 0.00	32.43 -0.33 0.00	33.63 -1.27 -0.60	44.75 -1.42 -0.47	57.89 -2.61 -2.41	52.56 -2.21 -0.97	45.19 -1.91 -0.55	39.58 -1.93 -0.42	34.88 -1.67 -1.03	33.00 -1.59 -0.06	32.30 -1.24 -0.01
DUNKIRK___1 23563	30.42 1.20 0.00	28.78 1.00 0.00	28.37 0.83 0.00	28.40 0.64 0.00	29.71 0.67 0.00	33.76 0.47 0.00	45.62 -0.18 0.00	52.60 0.73 0.00	41.85 0.82 0.00	34.60 0.61 0.00	33.02 0.52 0.00	30.96 0.55 0.00	30.24 0.03 0.00	30.47 0.09 0.00	32.43 -0.33 0.00	33.63 -1.27 -0.60	44.75 -1.42 -0.47	57.89 -2.61 -2.41	52.56 -2.21 -0.97	45.19 -1.91 -0.55	39.58 -1.93 -0.42	34.88 -1.67 -1.03	33.00 -1.59 -0.06	32.30 -1.24 -0.01
DUNKIRK___2 23564	30.42 1.20 0.00	28.78 1.00 0.00	28.37 0.83 0.00	28.40 0.64 0.00	29.71 0.67 0.00	33.76 0.47 0.00	45.62 -0.18 0.00	52.60 0.73 0.00	41.85 0.82 0.00	34.60 0.61 0.00	33.02 0.52 0.00	30.96 0.55 0.00	30.24 0.03 0.00	30.47 0.09 0.00	32.43 -0.33 0.00	33.63 -1.27 -0.60	44.75 -1.42 -0.47	57.89 -2.61 -2.41	52.56 -2.21 -0.97	45.19 -1.91 -0.55	39.58 -1.93 -0.42	34.88 -1.67 -1.03	33.00 -1.59 -0.06	32.30 -1.24 -0.01
DUNKIRK___3 23565	30.27 1.05 0.00	28.64 0.86 0.00	28.23 0.69 0.00	28.26 0.50 0.00	29.57 0.52 0.00	33.60 0.30 0.00	45.39 -0.41 0.00	52.29 0.41 0.00	41.56 0.53 0.00	34.40 0.41 0.00	32.83 0.33 0.00	30.78 0.36 0.00	30.06 -0.15 0.00	30.28 -0.09 0.00	32.26 -0.49 0.00	33.39 -1.51 -0.61	44.43 -1.74 -0.47	57.55 -2.96 -2.42	52.24 -2.53 -0.97	44.96 -2.14 -0.55	39.34 -2.18 -0.42	34.70 -1.85 -1.03	32.93 -1.66 -0.06	32.24 -1.31 -0.01
DUNKIRK___4 23566	30.27 1.05 0.00	28.64 0.86 0.00	28.26 0.72 0.00	28.26 0.50 0.00	29.57 0.52 0.00	33.60 0.30 0.00	45.35 -0.46 0.00	52.29 0.41 0.00	41.64 0.62 0.00	34.43 0.44 0.00	32.86 0.36 0.00	30.81 0.40 0.00	30.09 -0.12 0.00	30.31 -0.06 0.00	32.26 -0.49 0.00	33.41 -1.47 -0.60	44.47 -1.69 -0.46	57.56 -2.90 -2.37	52.28 -2.47 -0.95	44.95 -2.14 -0.54	39.37 -2.14 -0.41	34.69 -1.85 -1.02	32.90 -1.69 -0.06	32.20 -1.34 -0.01
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.36 1.14 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.66 1.37 0.00	48.28 2.47 0.00	54.57 2.70 0.00	43.20 2.17 0.00	35.93 1.94 0.00	34.29 1.79 0.00	32.24 1.82 0.00	32.08 1.87 0.00	32.20 1.82 0.00	34.78 2.03 0.00	38.78 2.19 -2.29	50.43 2.83 -1.90	71.56 3.60 -9.86	60.93 3.17 -3.95	51.57 2.79 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.78 2.04 -0.21	35.11 1.54 -0.04
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.13 0.91 0.00	28.67 0.89 0.00	28.37 0.83 0.00	28.65 0.89 0.00	30.00 0.96 0.00	34.33 1.03 0.00	47.78 1.97 0.00	53.95 2.07 0.00	42.59 1.56 0.00	35.35 1.36 0.00	33.70 1.20 0.00	31.66 1.25 0.00	31.50 1.30 0.00	31.65 1.28 0.00	34.20 1.44 0.00	38.12 1.61 -2.21	49.68 2.15 -1.83	70.46 2.85 -9.52	60.04 2.42 -3.82	50.79 2.09 -2.15	44.50 1.77 -1.63	40.81 1.63 -3.66	36.26 1.52 -0.20	34.71 1.14 -0.03
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.54 1.31 0.00	29.06 1.28 0.00	28.70 1.16 0.00	28.90 1.14 0.00	30.26 1.22 0.00	34.50 1.20 0.00	47.82 2.02 0.00	54.10 2.23 0.00	42.96 1.93 0.00	35.82 1.84 0.00	34.16 1.66 0.00	32.15 1.73 0.00	31.99 1.78 0.00	32.08 1.70 0.00	34.65 1.90 0.00	38.61 2.02 -2.29	50.15 2.56 -1.90	71.32 3.37 -9.86	60.61 2.85 -3.96	51.24 2.47 -2.22	44.88 2.10 -1.69	41.22 1.92 -3.79	36.78 2.04 -0.21	35.15 1.58 -0.04
E179THST_13_KV_LOAD 356214	30.65 1.43 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.38 1.34 0.00	34.60 1.30 0.00	48.00 2.20 0.00	54.36 2.49 0.00	43.16 2.13 0.00	35.99 2.01 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.20 1.82 0.00	34.82 2.06 0.00	38.78 2.19 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.40 2.10 -3.79	36.92 2.18 -0.21	35.28 1.71 -0.04

EAST HAMPTON___GT 23717	32.81 3.59 0.00	30.72 2.94 0.00	30.35 2.81 0.00	30.70 2.94 0.00	32.41 3.37 0.00	37.82 4.36 -0.16	52.67 6.28 -0.59	58.19 6.27 -0.04	48.68 5.37 -2.28	38.91 4.90 -0.03	37.36 4.61 -0.25	35.31 4.50 -0.39	34.89 4.35 -0.33	35.24 4.47 -0.39	40.17 4.82 -2.60	52.52 5.14 -13.09	58.93 6.99 -6.24	77.02 8.94 -9.98	68.31 8.23 -6.28	65.33 7.22 -11.57	58.62 6.08 -11.44	56.50 5.65 -15.33	49.10 4.97 -9.59	38.83 5.03 -0.27
EAST RIVER___6 23660	30.16 0.93 0.00	28.75 0.97 0.00	28.40 0.85 0.00	28.62 0.86 0.00	30.03 0.99 0.00	34.39 1.10 0.00	47.46 2.24 0.59	53.90 2.44 0.41	42.98 2.09 0.14	35.93 1.94 0.00	34.26 1.75 0.00	32.18 1.76 0.00	32.02 1.81 0.00	32.11 1.73 0.00	34.72 1.97 0.00	38.71 2.13 -2.29	49.93 2.74 -1.49	71.20 3.60 -9.50	60.46 3.01 -3.65	50.98 2.51 -1.92	44.92 2.14 -1.69	41.36 2.06 -3.79	36.64 1.90 -0.21	35.01 1.44 -0.04
EAST RIVER___7 23524	30.16 0.93 0.00	28.75 0.97 0.00	28.40 0.85 0.00	28.62 0.86 0.00	30.03 0.99 0.00	34.39 1.10 0.00	47.46 2.24 0.59	53.90 2.44 0.41	42.98 2.09 0.14	35.93 1.94 0.00	34.26 1.75 0.00	32.18 1.76 0.00	32.02 1.81 0.00	32.11 1.73 0.00	34.72 1.97 0.00	38.71 2.13 -2.29	49.93 2.74 -1.49	71.20 3.60 -9.50	60.46 3.01 -3.65	50.98 2.51 -1.92	44.92 2.14 -1.69	41.36 2.06 -3.79	36.64 1.90 -0.21	35.01 1.44 -0.04
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.33 1.11 0.00	28.89 1.11 0.00	28.56 1.02 0.00	28.82 1.05 0.00	30.21 1.16 0.00	34.60 1.30 0.00	48.19 2.38 0.00	54.47 2.59 0.00	43.08 2.05 0.00	35.86 1.87 0.00	34.22 1.72 0.00	32.15 1.73 0.00	31.99 1.78 0.00	32.11 1.73 0.00	34.72 1.97 0.00	38.67 2.09 -2.29	50.29 2.70 -1.90	71.43 3.49 -9.85	60.82 3.07 -3.95	51.43 2.65 -2.22	45.04 2.26 -1.69	41.36 2.06 -3.78	36.68 1.93 -0.21	35.01 1.44 -0.04
EAST_HAMPTON___DIESEL 23722	32.81 3.59 0.00	30.72 2.94 0.00	30.35 2.81 0.00	30.73 2.97 0.00	32.41 3.37 0.00	37.82 4.36 -0.16	52.67 6.28 -0.59	58.19 6.27 -0.04	48.68 5.37 -2.28	38.91 4.90 -0.03	37.36 4.61 -0.25	35.31 4.50 -0.39	34.89 4.35 -0.33	35.24 4.47 -0.39	40.17 4.82 -2.60	52.52 5.14 -13.09	58.93 6.99 -6.24	77.08 9.00 -9.98	68.36 8.28 -6.28	65.33 7.22 -11.57	58.62 6.08 -11.44	56.50 5.65 -15.33	49.13 5.01 -9.59	38.83 5.03 -0.27
EAST_PULASKI___ESR 323781	28.99 -0.23 0.00	27.53 -0.25 0.00	27.30 -0.25 0.00	27.48 -0.28 0.00	28.75 -0.29 0.00	33.00 -0.30 0.00	45.21 -0.60 0.00	51.35 -0.52 0.00	40.54 -0.49 0.00	33.58 -0.41 0.00	32.05 -0.46 0.00	29.87 -0.55 0.00	29.60 -0.60 0.00	29.77 -0.61 0.00	32.10 -0.66 0.00	34.09 -0.58 -0.38	45.33 -0.69 -0.32	58.98 -0.76 -1.65	53.92 -0.54 -0.66	46.41 -0.51 -0.37	40.93 -0.45 -0.28	35.65 -0.50 -0.63	34.05 -0.52 -0.04	33.14 -0.40 -0.01
EAST_RIVER___1 323558	30.33 1.11 0.00	28.92 1.14 0.00	28.56 1.02 0.00	28.79 1.03 0.00	30.21 1.16 0.00	34.59 1.30 0.00	47.64 2.43 0.59	54.11 2.64 0.41	43.11 2.21 0.14	36.03 2.04 0.00	34.39 1.88 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.26 1.88 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.07 2.88 -1.49	71.32 3.72 -9.50	60.68 3.23 -3.65	51.26 2.79 -1.92	45.17 2.38 -1.69	41.47 2.17 -3.79	36.82 2.07 -0.21	35.11 1.54 -0.04
EAST_RIVER___2 323559	30.16 0.93 0.00	28.75 0.97 0.00	28.40 0.85 0.00	28.62 0.86 0.00	30.03 0.99 0.00	34.39 1.10 0.00	47.46 2.24 0.59	53.90 2.44 0.41	42.98 2.09 0.14	35.93 1.94 0.00	34.26 1.75 0.00	32.18 1.76 0.00	32.02 1.81 0.00	32.11 1.73 0.00	34.72 1.97 0.00	38.71 2.13 -2.29	49.93 2.74 -1.49	71.20 3.60 -9.50	60.46 3.01 -3.65	50.98 2.51 -1.92	44.92 2.14 -1.69	41.36 2.06 -3.79	36.64 1.90 -0.21	35.01 1.44 -0.04
EAST___DELAWARE_HYD 23607	29.66 0.44 0.00	28.25 0.47 0.00	27.93 0.39 0.00	28.20 0.44 0.00	29.57 0.52 0.00	33.80 0.50 0.00	47.36 1.56 0.00	53.22 1.35 0.00	41.97 0.94 0.00	34.80 0.81 0.00	33.09 0.59 0.00	31.05 0.64 0.00	30.06 -0.15 0.00	30.22 -0.15 0.00	32.69 -0.07 0.00	36.52 0.14 -2.09	47.75 0.32 -1.73	67.65 0.58 -8.98	57.78 0.38 -3.60	48.81 0.23 -2.03	43.87 1.23 -1.54	40.21 1.24 -3.45	35.73 1.00 -0.19	34.34 0.77 -0.03
EIGHT_POINT___WT_PWR 323820	30.68 1.46 0.00	29.06 1.28 0.00	28.89 1.35 0.00	28.93 1.17 0.00	30.15 1.10 0.00	34.39 1.10 0.00	46.77 0.96 0.00	53.84 1.97 0.00	42.63 1.60 0.00	35.25 1.26 0.00	33.54 1.04 0.00	31.33 0.91 0.00	30.69 0.48 0.00	30.95 0.58 0.00	33.15 0.39 0.00	34.72 -0.28 -0.71	46.18 -0.09 -0.57	60.59 -0.47 -2.97	54.67 -0.32 -1.19	46.90 -0.32 -0.67	41.07 -0.54 -0.51	36.13 -0.57 -1.18	34.22 -0.38 -0.07	33.08 -0.47 -0.01
ELBRIDGE_115KV_TB2 80188	29.34 0.12 0.00	27.83 0.06 0.00	27.57 0.03 0.00	27.73 -0.03 0.00	29.01 -0.03 0.00	33.20 -0.10 0.00	45.39 -0.41 0.00	51.51 -0.36 0.00	40.70 -0.33 0.00	33.79 -0.20 0.00	32.27 -0.23 0.00	30.17 -0.24 0.00	29.90 -0.30 0.00	30.07 -0.30 0.00	32.39 -0.36 0.00	34.29 -0.48 -0.48	45.50 -0.59 -0.40	59.40 -0.76 -2.07	53.88 -0.75 -0.83	46.36 -0.65 -0.47	40.84 -0.62 -0.35	35.85 -0.46 -0.79	34.13 -0.45 -0.04	33.21 -0.34 -0.01
ELEC_TRO_TEK 24086	31.02 1.78 -0.02	29.18 1.39 -0.02	28.86 1.29 -0.02	29.17 1.39 -0.02	30.69 1.63 -0.02	36.77 2.13 -1.34	48.74 2.93 0.00	54.98 3.11 0.00	43.86 2.83 0.00	36.73 2.72 -0.02	37.07 2.54 -2.03	36.07 2.49 -3.17	35.45 2.54 -2.71	36.04 2.49 -3.18	38.69 2.75 -3.19	42.76 2.85 -5.62	51.34 3.75 -1.90	72.74 4.76 -9.88	62.06 4.30 -3.96	53.55 3.68 -3.32	49.67 3.16 -5.40	46.10 2.88 -7.70	40.31 2.76 -3.01	37.56 2.21 -1.81
ELLENBURG_WT_PWR 323604	27.29 -1.93 0.00	25.97 -1.81 0.00	25.98 -1.57 0.00	26.01 -1.75 0.00	27.65 -1.39 0.00	33.16 -0.13 0.00	46.86 1.05 0.00	52.50 0.62 0.00	42.22 1.19 0.00	34.63 0.64 0.00	33.41 0.91 0.00	30.66 0.24 0.00	30.45 0.24 0.00	30.71 0.33 0.00	33.34 0.59 0.00	35.78 1.41 -0.08	47.36 1.60 -0.07	61.40 2.96 -0.35	56.63 2.69 -0.14	48.91 2.28 -0.08	44.08 2.92 -0.06	37.39 1.74 -0.14	35.47 0.93 -0.01	34.78 1.24 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.75 0.53 0.00	28.17 0.39 0.00	27.77 0.22 0.00	27.79 0.03 0.00	29.01 -0.03 0.00	32.96 -0.33 0.00	44.29 -1.51 0.00	51.04 -0.83 0.00	40.78 -0.25 0.00	33.68 -0.31 0.00	32.18 -0.33 0.00	30.17 -0.24 0.00	29.48 -0.72 0.00	29.71 -0.67 0.00	31.64 -1.11 0.00	32.82 -2.06 -0.58	43.63 -2.51 -0.45	56.32 -4.07 -2.29	51.28 -3.44 -0.92	44.19 -2.89 -0.52	38.78 -2.71 -0.40	34.21 -2.31 -1.00	32.38 -2.21 -0.06	31.77 -1.78 -0.01
EMPIRE_CC_1 323656	29.86 0.64 0.00	28.42 0.64 0.00	28.10 0.55 0.00	28.43 0.67 0.00	29.77 0.73 0.00	34.03 0.73 0.00	46.86 1.05 0.00	53.12 1.24 0.00	41.93 0.90 0.00	34.67 0.68 0.00	33.28 0.78 0.00	31.17 0.76 0.00	31.08 0.88 0.00	31.26 0.88 0.00	33.77 1.02 0.00	38.01 1.06 -2.66	49.26 1.37 -2.20	71.14 1.62 -11.43	59.99 1.61 -4.58	50.52 1.40 -2.58	44.25 1.19 -1.96	40.94 1.03 -4.39	35.85 1.07 -0.24	34.48 0.91 -0.04

EMPIRE_CC_2 323658	29.86 0.64 0.00	28.42 0.64 0.00	28.10 0.55 0.00	28.43 0.67 0.00	29.77 0.73 0.00	34.03 0.73 0.00	46.86 1.05 0.00	53.12 1.24 0.00	41.93 0.90 0.00	34.67 0.68 0.00	33.28 0.78 0.00	31.17 0.76 0.00	31.08 0.88 0.00	31.26 0.88 0.00	33.77 1.02 0.00	38.01 1.06 -2.66	49.26 1.37 -2.20	71.14 1.62 -11.43	59.99 1.61 -4.58	50.52 1.40 -2.58	44.25 1.19 -1.96	40.94 1.03 -4.39	35.85 1.07 -0.24	34.48 0.91 -0.04
ENORWICH_115KV_TB1 80156	31.91 2.69 0.00	30.28 2.50 0.00	30.02 2.48 0.00	30.26 2.50 0.00	31.69 2.64 0.00	36.33 3.03 0.00	50.39 4.58 0.00	57.84 5.97 0.00	45.21 4.18 0.00	37.25 3.26 0.00	35.26 2.76 0.00	32.72 2.31 0.00	32.38 2.17 0.00	32.53 2.16 0.00	35.15 2.39 0.00	37.97 2.74 -0.93	50.94 4.48 -0.77	67.90 5.81 -4.00	61.16 5.76 -1.60	52.15 4.70 -0.90	45.73 3.95 -0.68	40.15 3.09 -1.55	37.52 2.90 -0.09	36.33 2.78 -0.01
ERIE_ST__34_KV_TB1-2 80199	30.19 0.96 0.00	28.56 0.78 0.00	28.15 0.61 0.00	28.15 0.39 0.00	29.45 0.41 0.00	33.46 0.17 0.00	45.21 -0.60 0.00	52.18 0.31 0.00	41.56 0.53 0.00	34.36 0.37 0.00	32.83 0.33 0.00	30.75 0.33 0.00	30.02 -0.18 0.00	30.25 -0.12 0.00	32.23 -0.52 0.00	32.97 -1.92 -0.59	43.96 -2.19 -0.46	57.02 -3.43 -2.36	51.79 -2.96 -0.95	44.62 -2.47 -0.54	38.96 -2.55 -0.41	34.29 -2.24 -1.01	32.79 -1.80 -0.06	32.30 -1.24 -0.01
ERIE_WT_PWR 323693	30.01 0.79 0.00	28.39 0.61 0.00	28.23 0.69 0.00	28.20 0.44 0.00	29.28 0.23 0.00	33.26 -0.03 0.00	44.75 -1.05 0.00	51.67 -0.21 0.00	41.23 0.21 0.00	34.06 0.07 0.00	32.50 0.00 0.00	30.47 0.06 0.00	29.78 -0.42 0.00	30.01 -0.36 0.00	31.94 -0.82 0.00	33.03 -1.85 -0.59	44.00 -2.15 -0.45	56.88 -3.55 -2.34	51.78 -2.96 -0.94	44.57 -2.51 -0.53	39.04 -2.46 -0.41	34.43 -2.10 -1.01	32.86 -1.73 -0.06	32.03 -1.51 -0.01
ESPRGFLD_115KV_TB1 80157	30.45 1.23 0.00	28.95 1.17 0.00	28.73 1.18 0.00	28.96 1.19 0.00	30.32 1.28 0.00	34.86 1.56 0.00	48.55 2.75 0.00	55.09 3.22 0.00	43.33 2.30 0.00	35.76 1.77 0.00	33.90 1.40 0.00	31.63 1.22 0.00	31.38 1.18 0.00	31.53 1.15 0.00	34.06 1.31 0.00	35.79 1.58 0.08	48.14 2.51 0.07	61.04 3.31 0.36	56.88 3.23 0.14	49.12 2.65 0.08	43.26 2.22 0.06	37.27 1.88 0.13	36.11 1.59 0.01	34.91 1.37 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.24 1.02 0.00	28.70 0.92 0.00	28.43 0.88 0.00	28.59 0.83 0.00	29.92 0.87 0.00	34.26 0.97 0.00	47.00 1.19 0.00	53.64 1.76 0.00	42.26 1.23 0.00	35.01 1.02 0.00	33.35 0.85 0.00	31.11 0.70 0.00	30.78 0.57 0.00	30.98 0.61 0.00	33.41 0.66 0.00	35.65 0.62 -0.74	47.31 1.01 -0.61	62.58 1.34 -3.16	56.36 1.29 -1.27	48.33 1.07 -0.71	42.50 0.86 -0.54	37.41 0.67 -1.22	35.26 0.66 -0.07	34.22 0.67 -0.01
ETNA____115KV_TB2 80207	30.24 1.02 0.00	28.70 0.92 0.00	28.43 0.88 0.00	28.59 0.83 0.00	29.92 0.87 0.00	34.26 0.97 0.00	47.00 1.19 0.00	53.64 1.76 0.00	42.26 1.23 0.00	35.01 1.02 0.00	33.35 0.85 0.00	31.11 0.70 0.00	30.78 0.57 0.00	30.98 0.61 0.00	33.41 0.66 0.00	35.65 0.62 -0.74	47.31 1.01 -0.61	62.58 1.34 -3.16	56.36 1.29 -1.27	48.33 1.07 -0.71	42.50 0.86 -0.54	37.41 0.67 -1.22	35.26 0.66 -0.07	34.22 0.67 -0.01
EUCLID__115KV_TB2 356179	29.08 -0.15 0.00	27.61 -0.17 0.00	27.35 -0.19 0.00	27.51 -0.25 0.00	28.78 -0.26 0.00	32.90 -0.40 0.00	44.89 -0.92 0.00	50.99 -0.88 0.00	40.29 -0.74 0.00	33.45 -0.54 0.00	31.98 -0.52 0.00	29.93 -0.49 0.00	29.66 -0.54 0.00	29.86 -0.52 0.00	32.13 -0.62 0.00	33.97 -0.75 -0.43	45.05 -1.01 -0.36	58.61 -1.34 -1.86	53.31 -1.24 -0.74	45.90 -1.07 -0.42	40.43 -0.99 -0.32	35.41 -0.82 -0.71	33.85 -0.73 -0.04	32.97 -0.57 -0.01
E_CANADA_CAP_HY 24051	30.45 1.23 0.00	28.97 1.19 0.00	28.76 1.21 0.00	29.01 1.25 0.00	30.41 1.37 0.00	35.09 1.80 0.00	48.92 3.12 0.00	55.35 3.48 0.00	43.62 2.59 0.00	35.79 1.80 0.00	33.87 1.36 0.00	31.63 1.22 0.00	31.42 1.21 0.00	31.56 1.18 0.00	34.23 1.48 0.00	39.55 1.78 -3.48	51.50 2.93 -2.88	76.94 3.89 -14.95	63.56 3.76 -6.00	52.99 3.07 -3.37	46.25 2.59 -2.56	43.50 2.24 -5.74	36.75 1.90 -0.32	35.30 1.71 -0.05
E_CANADA_MHWK_HY 24050	30.01 0.79 0.00	28.50 0.72 0.00	28.29 0.74 0.00	28.54 0.78 0.00	29.89 0.84 0.00	34.33 1.03 0.00	47.09 1.28 0.00	53.79 1.92 0.00	42.55 1.52 0.00	35.25 1.26 0.00	33.57 1.07 0.00	31.36 0.94 0.00	31.14 0.94 0.00	31.29 0.91 0.00	33.74 0.98 0.00	35.46 1.10 -0.07	47.35 1.60 -0.06	60.43 2.03 -0.30	55.97 2.04 -0.12	48.34 1.72 -0.07	42.71 1.56 -0.05	36.77 1.14 -0.12	35.78 1.24 -0.01	34.47 0.94 0.00
E_FISHKILL__LBMP 23776	30.19 0.96 0.00	28.75 0.97 0.00	28.45 0.91 0.00	28.71 0.94 0.00	30.09 1.05 0.00	34.43 1.13 0.00	47.87 2.06 0.00	54.10 2.23 0.00	42.79 1.76 0.00	35.55 1.56 0.00	33.96 1.46 0.00	31.87 1.46 0.00	31.72 1.51 0.00	31.86 1.49 0.00	34.42 1.67 0.00	38.39 1.78 -2.32	49.95 2.33 -1.92	71.09 3.02 -9.97	60.44 2.64 -4.00	51.08 2.28 -2.25	44.78 1.97 -1.71	41.16 1.81 -3.83	36.44 1.69 -0.21	34.84 1.27 -0.04
FALCON__SEABRD_CC1 323796	27.64 -1.58 0.00	26.28 -1.50 0.00	26.31 -1.24 0.00	26.35 -1.41 0.00	28.00 -1.04 0.00	33.60 0.30 0.00	47.50 1.70 0.00	53.27 1.40 0.00	42.79 1.76 0.00	35.11 1.12 0.00	33.90 1.40 0.00	31.05 0.64 0.00	30.87 0.66 0.00	31.14 0.76 0.00	33.80 1.05 0.00	36.26 1.88 -0.08	48.05 2.28 -0.07	62.34 3.89 -0.35	57.44 3.50 -0.14	49.61 2.98 -0.08	44.73 3.57 -0.06	37.89 2.24 -0.14	35.92 1.38 -0.01	35.24 1.71 0.00
FALCON__SEABRD_CC2 323797	27.64 -1.58 0.00	26.28 -1.50 0.00	26.31 -1.24 0.00	26.35 -1.41 0.00	28.00 -1.04 0.00	33.60 0.30 0.00	47.50 1.70 0.00	53.27 1.40 0.00	42.79 1.76 0.00	35.11 1.12 0.00	33.90 1.40 0.00	31.05 0.64 0.00	30.87 0.66 0.00	31.14 0.76 0.00	33.80 1.05 0.00	36.26 1.88 -0.08	48.05 2.28 -0.07	62.34 3.89 -0.35	57.44 3.50 -0.14	49.61 2.98 -0.08	44.73 3.57 -0.06	37.89 2.24 -0.14	35.92 1.38 -0.01	35.24 1.71 0.00
FAR ROCKAWAY__4 23548	31.53 2.25 -0.05	29.63 1.81 -0.05	29.30 1.71 -0.05	29.62 1.80 -0.05	31.19 2.09 -0.05	38.96 2.63 -3.03	49.33 3.53 0.00	55.81 3.94 0.00	44.52 3.49 0.00	37.27 3.23 -0.05	40.12 3.02 -4.59	40.51 2.95 -7.14	39.27 2.96 -6.11	40.49 2.95 -7.17	43.15 3.24 -7.16	46.02 3.39 -8.33	52.21 4.62 -1.90	73.70 5.69 -9.91	62.97 5.22 -3.96	55.20 4.42 -4.22	53.50 3.90 -8.50	49.10 3.52 -10.07	43.91 3.32 -6.06	40.27 2.72 -4.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.39 1.17 0.00	28.95 1.17 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.28 2.47 0.00	54.57 2.70 0.00	43.33 2.30 0.00	36.06 2.07 0.00	34.42 1.92 0.00	32.33 1.92 0.00	32.17 1.96 0.00	32.29 1.91 0.00	34.88 2.13 0.00	38.85 2.26 -2.29	50.52 2.92 -1.90	71.73 3.78 -9.86	60.98 3.23 -3.95	51.61 2.84 -2.22	45.21 2.42 -1.69	41.51 2.20 -3.79	36.85 2.11 -0.21	35.11 1.54 -0.04

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.39 1.17 0.00	28.95 1.17 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.28 2.47 0.00	54.57 2.70 0.00	43.33 2.30 0.00	36.06 2.07 0.00	34.42 1.92 0.00	32.33 1.92 0.00	32.17 1.96 0.00	32.26 1.88 0.00	34.88 2.13 0.00	38.85 2.26 -2.29	50.52 2.92 -1.90	71.73 3.78 -9.86	61.04 3.28 -3.95	51.61 2.84 -2.22	45.21 2.42 -1.69	41.51 2.20 -3.79	36.85 2.11 -0.21	35.11 1.54 -0.04
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.36 1.14 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.28 2.47 0.00	54.57 2.70 0.00	43.29 2.26 0.00	36.06 2.07 0.00	34.39 1.89 0.00	32.33 1.92 0.00	32.14 1.93 0.00	32.26 1.88 0.00	34.88 2.13 0.00	38.85 2.26 -2.29	50.47 2.88 -1.90	71.67 3.72 -9.86	60.98 3.23 -3.95	51.57 2.79 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.82 2.07 -0.21	35.11 1.54 -0.04
FARRAGUT___LBMP 323566	30.36 1.14 0.00	28.92 1.14 0.00	28.59 1.05 0.00	28.82 1.05 0.00	30.21 1.16 0.00	34.60 1.30 0.00	48.23 2.43 0.00	54.52 2.65 0.00	43.24 2.22 0.00	36.03 2.04 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.61 3.66 -9.86	60.93 3.17 -3.95	51.52 2.75 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.78 2.04 -0.21	35.08 1.51 -0.04
FENNER___WINDPWR 24204	29.95 0.73 0.00	28.44 0.67 0.00	28.23 0.69 0.00	28.43 0.67 0.00	29.74 0.70 0.00	34.13 0.83 0.00	46.90 1.10 0.00	53.53 1.66 0.00	42.22 1.19 0.00	34.94 0.95 0.00	33.34 0.84 0.00	31.05 0.64 0.00	30.78 0.57 0.00	30.95 0.58 0.00	33.37 0.62 0.00	35.47 0.72 -0.46	47.22 1.14 -0.38	61.56 1.51 -1.96	56.09 1.50 -0.79	48.20 1.21 -0.44	42.42 0.98 -0.34	36.98 0.71 -0.75	35.27 0.69 -0.04	34.15 0.60 -0.01
FIBERTEK___ENERGY 23856	29.46 0.23 0.00	27.97 0.19 0.00	27.71 0.17 0.00	27.87 0.11 0.00	29.16 0.12 0.00	33.33 0.03 0.00	45.53 -0.27 0.00	51.77 -0.10 0.00	40.91 -0.12 0.00	33.96 -0.03 0.00	32.44 -0.07 0.00	30.32 -0.09 0.00	30.06 -0.15 0.00	30.22 -0.15 0.00	32.59 -0.16 0.00	34.48 -0.27 -0.47	45.76 -0.32 -0.39	59.63 -0.46 -2.01	54.17 -0.43 -0.80	46.63 -0.37 -0.45	41.07 -0.37 -0.34	35.93 -0.36 -0.77	34.33 -0.24 -0.04	33.41 -0.13 -0.01
FITZPATRICK____ 23598	28.61 -0.62 0.00	27.17 -0.61 0.00	26.94 -0.61 0.00	27.12 -0.64 0.00	28.35 -0.70 0.00	32.47 -0.83 0.00	44.25 -1.56 0.00	50.16 -1.71 0.00	39.68 -1.35 0.00	32.90 -1.09 0.00	31.46 -1.04 0.00	29.47 -0.94 0.00	29.21 -1.00 0.00	29.37 -1.00 0.00	31.64 -1.11 0.00	33.40 -1.23 -0.34	44.34 -1.64 -0.28	57.41 -2.15 -1.47	52.40 -1.99 -0.59	45.16 -1.72 -0.33	39.83 -1.52 -0.25	34.80 -1.28 -0.56	33.39 -1.17 -0.03	32.53 -1.01 -0.01
FLOWRFLD_69_KV_BK1 356044	31.70 2.48 0.00	29.72 1.94 0.00	29.36 1.82 0.00	29.67 1.92 0.00	31.31 2.27 0.00	36.47 3.00 -0.17	50.77 4.26 -0.70	56.07 4.15 -0.05	47.57 3.82 -2.73	37.59 3.57 -0.03	36.11 3.35 -0.27	34.12 3.28 -0.42	33.82 3.26 -0.36	34.08 3.28 -0.42	39.48 3.67 -3.06	52.96 3.81 -14.86	57.71 4.94 -7.07	74.14 6.04 -10.01	66.12 5.60 -6.72	64.70 4.89 -13.26	58.31 4.27 -12.93	56.45 4.08 -16.85	49.49 3.73 -11.23	36.90 3.09 -0.28
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.39 1.17 0.00	28.95 1.17 0.00	28.65 1.10 0.00	28.90 1.14 0.00	30.29 1.25 0.00	34.63 1.33 0.00	48.28 2.47 0.00	54.52 2.65 0.00	43.04 2.01 0.00	35.72 1.73 0.00	34.00 1.50 0.00	31.90 1.49 0.00	31.78 1.57 0.00	31.96 1.58 0.00	34.56 1.80 0.00	38.61 2.02 -2.29	50.33 2.74 -1.90	71.55 3.60 -9.86	60.93 3.17 -3.95	51.47 2.70 -2.22	45.04 2.26 -1.69	41.33 2.02 -3.79	36.61 1.86 -0.21	35.01 1.44 -0.04
FORT ORANGE____ 23900	29.84 0.61 0.00	28.39 0.61 0.00	28.10 0.55 0.00	28.40 0.64 0.00	29.74 0.70 0.00	34.09 0.80 0.00	47.09 1.28 0.00	53.32 1.45 0.00	42.09 1.06 0.00	34.67 0.68 0.00	33.15 0.65 0.00	31.05 0.64 0.00	30.96 0.76 0.00	31.14 0.76 0.00	33.70 0.95 0.00	38.12 1.10 -2.73	49.60 1.64 -2.26	71.92 2.09 -11.74	60.50 1.99 -4.71	50.87 1.67 -2.65	44.54 1.44 -2.01	41.20 1.17 -4.51	35.89 1.10 -0.25	34.45 0.87 -0.04
FORT_DRUM_COGEN 23780	29.08 -0.15 0.00	27.58 -0.19 0.00	27.41 -0.14 0.00	27.65 -0.11 0.00	28.96 -0.09 0.00	33.46 0.17 0.00	46.58 0.78 0.00	53.07 1.19 0.00	41.77 0.74 0.00	34.33 0.34 0.00	32.63 0.13 0.00	30.14 -0.27 0.00	29.81 -0.39 0.00	30.01 -0.36 0.00	32.46 -0.29 0.00	34.83 0.24 -0.30	46.81 0.87 -0.25	60.96 1.57 -1.30	56.31 1.99 -0.52	48.38 1.54 -0.29	42.64 1.32 -0.22	36.73 0.71 -0.50	34.91 0.35 -0.03	33.97 0.44 0.00
FOX_HILLS___ESR 323835	30.65 1.43 0.00	29.17 1.39 0.00	28.84 1.29 0.00	29.01 1.25 0.00	30.44 1.39 0.00	34.73 1.43 0.00	47.73 1.92 0.00	54.00 2.13 0.00	42.92 1.89 0.00	35.96 1.97 0.00	34.26 1.76 0.00	32.21 1.79 0.00	32.05 1.84 0.00	32.14 1.76 0.00	34.78 2.03 0.00	38.78 2.19 -2.29	50.11 2.51 -1.90	71.32 3.37 -9.86	60.61 2.85 -3.96	51.24 2.47 -2.22	44.88 2.10 -1.69	41.33 2.02 -3.79	36.99 2.24 -0.21	35.38 1.81 -0.04
FPL_FAR_ROCK_GT1 24212	31.53 2.25 -0.05	29.63 1.80 -0.05	29.24 1.65 -0.05	29.59 1.78 -0.05	31.19 2.09 -0.05	38.96 2.63 -3.03	49.29 3.48 0.00	55.76 3.89 0.00	44.52 3.49 0.00	37.27 3.23 -0.05	40.12 3.02 -4.59	40.51 2.95 -7.14	39.27 2.96 -6.11	40.49 2.95 -7.17	43.15 3.24 -7.16	46.05 3.43 -8.33	52.22 4.61 -1.91	73.70 5.70 -9.91	62.99 5.22 -3.97	55.20 4.42 -4.22	53.55 3.95 -8.50	49.11 3.52 -10.07	43.95 3.35 -6.06	40.37 2.82 -4.02
FPL_FAR_ROCK_GT2 23815	31.53 2.25 -0.05	29.63 1.80 -0.05	29.24 1.65 -0.05	29.59 1.78 -0.05	31.19 2.09 -0.05	38.96 2.63 -3.03	49.29 3.48 0.00	55.76 3.89 0.00	44.52 3.49 0.00	37.27 3.23 -0.05	40.12 3.02 -4.59	40.51 2.95 -7.14	39.27 2.96 -6.11	40.49 2.95 -7.17	43.15 3.24 -7.16	46.05 3.43 -8.33	52.22 4.61 -1.91	73.70 5.70 -9.91	62.99 5.22 -3.97	55.20 4.42 -4.22	53.55 3.95 -8.50	49.11 3.52 -10.07	43.95 3.35 -6.06	40.37 2.82 -4.02
FRANKLIN_FALL_HYD 24054	27.59 -1.64 0.00	26.22 -1.56 0.00	26.22 -1.32 0.00	26.60 -1.17 0.00	27.88 -1.16 0.00	33.43 0.13 0.00	47.27 1.47 0.00	56.07 4.20 0.00	45.62 4.60 0.00	37.29 3.30 0.00	35.85 3.35 0.00	32.54 2.13 0.00	32.29 2.08 0.00	32.53 2.16 0.00	35.37 2.62 0.00	38.09 3.70 -0.10	50.71 4.94 -0.08	65.71 7.20 -0.41	60.69 6.73 -0.17	52.41 5.77 -0.09	47.17 6.00 -0.07	39.51 3.84 -0.16	37.37 2.83 -0.01	36.65 3.12 0.00
FREEPORT_EQUS_GT1 23764	31.28 2.04 -0.02	29.40 1.61 -0.01	29.02 1.46 -0.01	29.33 1.55 -0.02	30.92 1.86 -0.02	36.92 2.43 -1.19	49.11 3.30 0.00	55.40 3.53 0.00	44.20 3.16 -0.01	37.00 2.99 -0.02	37.10 2.80 -1.81	35.99 2.77 -2.81	35.38 2.78 -2.40	35.96 2.76 -2.82	38.64 3.05 -2.84	43.12 3.19 -5.64	51.67 4.07 -1.91	73.20 5.23 -9.88	62.50 4.74 -3.97	53.96 4.10 -3.31	49.97 3.49 -5.38	47.05 3.27 -8.27	40.67 3.11 -3.03	37.86 2.72 -1.61

FREEPORT___CT2 23818	31.28 2.04 -0.02	29.40 1.61 -0.01	29.02 1.46 -0.01	29.33 1.55 -0.02	30.92 1.86 -0.02	36.92 2.43 -1.19	49.11 3.30 0.00	55.40 3.53 0.00	44.20 3.16 -0.01	37.00 2.99 -0.02	37.10 2.80 -1.81	35.99 2.77 -2.81	35.38 2.78 -2.40	35.96 2.76 -2.82	38.64 3.05 -2.84	43.12 3.19 -5.64	51.67 4.07 -1.91	73.20 5.23 -9.88	62.50 4.74 -3.97	53.96 4.10 -3.31	49.97 3.49 -5.38	47.05 3.27 -8.27	40.67 3.11 -3.03	37.86 2.72 -1.61
FRESHKLS_33_KV_LOAD 356253	30.74 1.52 0.00	29.22 1.44 0.00	28.92 1.38 0.00	29.09 1.33 0.00	30.53 1.48 0.00	34.80 1.50 0.00	47.55 1.74 0.00	53.78 1.92 0.01	42.74 1.72 0.01	35.93 1.94 0.00	34.19 1.69 0.00	32.15 1.73 0.00	32.02 1.81 0.00	32.08 1.70 0.00	34.72 1.97 0.00	38.74 2.16 -2.29	50.02 2.42 -1.90	71.21 3.25 -9.86	60.50 2.74 -3.96	51.15 2.37 -2.22	44.75 1.97 -1.68	41.26 1.95 -3.79	37.06 2.31 -0.21	35.45 1.88 -0.04
FULTON COGEN____ 23766	29.02 -0.20 0.00	27.53 -0.25 0.00	27.30 -0.25 0.00	27.46 -0.31 0.00	28.72 -0.32 0.00	32.86 -0.43 0.00	44.75 -1.05 0.00	50.99 -0.88 0.00	40.25 -0.78 0.00	33.38 -0.61 0.00	31.92 -0.59 0.00	29.84 -0.58 0.00	29.57 -0.63 0.00	29.77 -0.61 0.00	32.07 -0.69 0.00	33.91 -0.79 -0.41	45.03 -1.01 -0.34	58.57 -1.28 -1.76	53.32 -1.18 -0.71	45.92 -1.02 -0.40	40.45 -0.95 -0.30	35.31 -0.89 -0.68	33.85 -0.73 -0.04	32.94 -0.60 -0.01
FULTON___LFGE 323630	31.56 2.34 0.00	30.03 2.25 0.00	29.80 2.26 0.00	30.06 2.30 0.00	31.54 2.50 0.00	36.59 3.30 0.00	50.30 4.49 0.00	57.68 5.81 0.00	45.58 4.55 0.00	37.29 3.30 0.00	35.33 2.83 0.00	32.85 2.43 0.00	32.77 2.57 0.00	32.99 2.61 0.00	35.83 3.08 0.00	41.24 3.67 -3.28	54.12 5.71 -2.71	79.39 7.20 -14.10	66.18 6.72 -5.65	55.22 5.49 -3.18	48.23 4.72 -2.41	44.20 3.27 -5.42	38.25 3.42 -0.30	36.20 2.62 -0.05
G.F.CEMENT___DRP 24184	31.33 2.10 0.00	29.78 2.00 0.00	29.53 1.98 0.00	29.79 2.03 0.00	31.22 2.18 0.00	36.03 2.73 0.00	49.88 4.08 0.00	56.39 4.51 0.00	44.52 3.49 0.00	36.50 2.52 0.00	34.91 2.41 0.00	32.54 2.13 0.00	32.38 2.17 0.00	32.56 2.19 0.00	35.28 2.52 0.00	39.18 2.06 -2.83	51.01 2.97 -2.34	74.03 3.78 -12.16	62.28 3.60 -4.87	52.27 2.98 -2.74	45.73 2.55 -2.08	42.25 2.06 -4.67	36.83 2.04 -0.26	36.29 2.72 -0.04
GARDENVILLE___LBMP 24039	29.86 0.64 0.00	28.28 0.50 0.00	27.88 0.33 0.00	27.90 0.14 0.00	29.16 0.12 0.00	33.13 -0.17 0.00	44.57 -1.24 0.00	51.35 -0.52 0.00	41.03 0.00 0.00	33.89 -0.10 0.00	32.37 -0.13 0.00	30.32 -0.09 0.00	29.63 -0.57 0.00	29.86 -0.52 0.00	31.80 -0.95 0.00	32.93 -1.95 -0.59	43.77 -2.38 -0.45	56.65 -3.78 -2.33	51.51 -3.23 -0.94	44.38 -2.70 -0.53	38.91 -2.59 -0.40	34.32 -2.20 -1.01	32.52 -2.07 -0.06	31.90 -1.64 -0.01
GARDNVLA_35_KV_LD 355827	30.04 0.82 0.00	28.42 0.64 0.00	28.04 0.50 0.00	28.04 0.28 0.00	29.31 0.26 0.00	33.30 0.00 0.00	44.80 -1.01 0.00	51.66 -0.21 0.00	41.27 0.25 0.00	34.09 0.10 0.00	32.57 0.07 0.00	30.50 0.09 0.00	29.81 -0.39 0.00	30.04 -0.33 0.00	32.00 -0.75 0.00	33.10 -1.78 -0.59	44.05 -2.10 -0.45	57.00 -3.43 -2.34	51.84 -2.91 -0.94	44.61 -2.47 -0.53	39.12 -2.38 -0.41	34.46 -2.06 -1.01	32.72 -1.86 -0.06	32.10 -1.44 -0.01
GELCKHM___115KV_LOAD 80723	29.19 -0.03 0.00	27.72 -0.06 0.00	27.46 -0.08 0.00	27.65 -0.11 0.00	28.90 -0.15 0.00	33.06 -0.23 0.00	45.16 -0.64 0.00	51.30 -0.57 0.00	40.54 -0.49 0.00	33.65 -0.34 0.00	32.14 -0.36 0.00	30.08 -0.33 0.00	29.81 -0.39 0.00	29.98 -0.39 0.00	32.30 -0.46 0.00	34.15 -0.58 -0.45	45.33 -0.73 -0.37	59.02 -0.99 -1.92	53.65 -0.91 -0.77	46.19 -0.79 -0.43	40.69 -0.74 -0.33	35.65 -0.60 -0.74	34.02 -0.55 -0.04	33.10 -0.44 -0.01
GENERAL___MILLS 23808	29.98 0.76 0.00	28.36 0.58 0.00	27.99 0.44 0.00	27.98 0.22 0.00	29.25 0.20 0.00	33.23 -0.07 0.00	44.71 -1.10 0.00	51.56 -0.31 0.00	41.15 0.12 0.00	34.02 0.03 0.00	32.47 -0.03 0.00	30.44 0.03 0.00	29.75 -0.45 0.00	29.98 -0.39 0.00	31.94 -0.82 0.00	33.03 -1.85 -0.59	43.91 -2.24 -0.45	56.83 -3.60 -2.34	51.73 -3.01 -0.94	44.52 -2.56 -0.53	39.00 -2.51 -0.41	34.39 -2.13 -1.01	32.66 -1.93 -0.06	32.03 -1.51 -0.01
GE_PLASTICS___DRP 24183	29.72 0.50 0.00	28.28 0.50 0.00	28.04 0.50 0.00	28.29 0.53 0.00	29.60 0.55 0.00	33.90 0.60 0.00	46.86 1.05 0.00	53.01 1.14 0.00	41.89 0.86 0.00	34.64 0.65 0.00	33.12 0.62 0.00	31.05 0.64 0.00	30.90 0.69 0.00	31.10 0.73 0.00	33.61 0.85 0.00	37.95 0.93 -2.73	49.24 1.28 -2.26	71.42 1.57 -11.76	60.02 1.51 -4.72	50.51 1.30 -2.65	44.22 1.11 -2.01	40.99 0.96 -4.52	35.68 0.90 -0.25	34.28 0.70 -0.04
GILBOA___1 23756	29.81 0.58 0.00	28.36 0.58 0.00	28.18 0.63 0.00	28.46 0.69 0.00	29.65 0.61 0.00	33.96 0.67 0.00	46.95 1.15 0.00	53.07 1.19 0.00	41.97 0.94 0.00	34.77 0.78 0.00	33.25 0.75 0.00	31.17 0.76 0.00	30.99 0.78 0.00	31.16 0.79 0.00	33.64 0.88 0.00	37.49 0.93 -2.27	48.63 1.05 -1.88	69.15 1.28 -9.79	58.91 1.18 -3.92	49.87 1.12 -2.21	43.80 1.03 -1.67	40.20 0.92 -3.76	35.64 0.90 -0.21	34.27 0.71 -0.04
GILBOA___2 23757	29.81 0.58 0.00	28.36 0.58 0.00	28.18 0.63 0.00	28.46 0.69 0.00	29.65 0.61 0.00	33.96 0.67 0.00	46.95 1.15 0.00	53.07 1.19 0.00	41.97 0.94 0.00	34.77 0.78 0.00	33.25 0.75 0.00	31.17 0.76 0.00	30.99 0.78 0.00	31.16 0.79 0.00	33.64 0.88 0.00	37.49 0.93 -2.27	48.63 1.05 -1.88	69.15 1.28 -9.79	58.91 1.18 -3.92	49.87 1.12 -2.21	43.80 1.03 -1.67	40.20 0.92 -3.76	35.64 0.90 -0.21	34.27 0.71 -0.04
GILBOA___3 23758	29.81 0.58 0.00	28.36 0.58 0.00	28.18 0.63 0.00	28.46 0.69 0.00	29.65 0.61 0.00	33.96 0.67 0.00	46.95 1.15 0.00	53.07 1.19 0.00	41.97 0.94 0.00	34.77 0.78 0.00	33.25 0.75 0.00	31.17 0.76 0.00	30.99 0.78 0.00	31.16 0.79 0.00	33.64 0.88 0.00	37.49 0.93 -2.27	48.63 1.05 -1.88	69.15 1.28 -9.79	58.91 1.18 -3.92	49.87 1.12 -2.21	43.80 1.03 -1.67	40.20 0.92 -3.76	35.64 0.90 -0.21	34.27 0.71 -0.04
GILBOA___4 23759	29.81 0.58 0.00	28.36 0.58 0.00	28.18 0.63 0.00	28.46 0.69 0.00	29.65 0.61 0.00	33.96 0.67 0.00	46.95 1.15 0.00	53.07 1.19 0.00	41.97 0.94 0.00	34.77 0.78 0.00	33.25 0.75 0.00	31.17 0.76 0.00	30.99 0.78 0.00	31.16 0.79 0.00	33.64 0.88 0.00	37.49 0.93 -2.27	48.63 1.05 -1.88	69.15 1.28 -9.79	58.91 1.18 -3.92	49.87 1.12 -2.21	43.80 1.03 -1.67	40.20 0.92 -3.76	35.64 0.90 -0.21	34.27 0.71 -0.04
GILBOA____ 23599	29.81 0.58 0.00	28.36 0.58 0.00	28.21 0.66 0.00	28.46 0.69 0.00	29.65 0.61 0.00	33.96 0.67 0.00	46.95 1.15 0.00	53.07 1.19 0.00	41.97 0.94 0.00	34.77 0.78 0.00	33.25 0.75 0.00	31.17 0.76 0.00	30.99 0.79 0.00	31.17 0.79 0.00	33.64 0.88 0.00	37.49 0.93 -2.27	48.63 1.05 -1.88	69.16 1.28 -9.79	58.91 1.18 -3.92	49.87 1.12 -2.21	43.80 1.03 -1.67	40.20 0.92 -3.76	35.64 0.90 -0.21	34.27 0.70 -0.04

GINNA____ 23603	28.05 -1.17 0.00	26.59 -1.19 0.00	26.44 -1.10 0.00	26.49 -1.28 0.00	27.59 -1.45 0.00	31.50 -1.80 0.00	42.92 -2.88 0.00	49.07 -2.80 0.00	39.02 -2.01 0.00	32.29 -1.70 0.00	30.84 -1.66 0.00	28.83 -1.58 0.00	28.49 -1.72 0.00	28.61 -1.76 0.00	30.66 -2.10 0.00	32.51 -2.30 -0.52	43.11 -3.02 -0.43	56.32 -4.01 -2.23	51.04 -3.66 -0.90	43.93 -3.12 -0.50	38.68 -2.80 -0.38	33.92 -2.45 -0.85	31.99 -2.59 -0.05	31.23 -2.31 -0.01
GLEN PARK____ 23778	29.16 -0.06 0.00	27.67 -0.11 0.00	27.49 -0.05 0.00	27.71 -0.06 0.00	29.04 0.00 0.00	33.56 0.27 0.00	46.77 0.96 0.00	53.27 1.40 0.00	41.89 0.86 0.00	34.40 0.41 0.00	32.66 0.16 0.00	30.17 -0.24 0.00	29.84 -0.36 0.00	30.01 -0.36 0.00	32.49 -0.26 0.00	34.87 0.27 -0.31	46.95 1.00 -0.25	61.15 1.74 -1.32	56.53 2.21 -0.53	48.57 1.72 -0.30	42.76 1.44 -0.23	36.84 0.82 -0.51	34.98 0.42 -0.03	33.94 0.40 0.00
GLENDALÉ_27_KV_LOAD 356172	30.57 1.34 0.00	29.11 1.33 0.00	28.78 1.24 0.00	28.98 1.22 0.00	30.38 1.34 0.00	34.73 1.43 0.00	48.23 2.43 0.00	54.67 2.80 0.00	43.37 2.34 0.00	36.20 2.21 0.00	34.48 1.98 0.00	32.42 2.01 0.00	32.29 2.08 0.00	32.35 1.97 0.00	34.98 2.23 0.00	38.95 2.37 -2.29	50.66 3.06 -1.90	71.91 3.95 -9.86	61.20 3.44 -3.96	51.71 2.93 -2.22	45.29 2.51 -1.69	41.58 2.27 -3.79	37.02 2.28 -0.21	35.31 1.74 -0.04
GLENWOOD_IC_1_G5 23712	30.84 1.61 -0.01	29.15 1.36 -0.01	28.82 1.27 -0.01	29.13 1.36 -0.01	30.59 1.54 -0.01	36.03 1.93 -0.80	48.74 2.93 0.00	54.83 2.96 0.00	43.79 2.75 -0.01	36.51 2.52 -0.01	36.09 2.37 -1.22	34.65 2.34 -1.89	34.21 2.39 -1.62	34.61 2.34 -1.90	37.30 2.62 -1.92	41.88 2.74 -4.85	51.20 3.61 -1.90	72.38 4.41 -9.87	61.74 3.98 -3.96	53.00 3.40 -3.05	48.62 3.04 -4.48	45.43 2.73 -7.18	39.26 2.59 -2.14	36.68 2.05 -1.10
GLENWOOD_IC_2_G1 23688	30.65 1.43 0.00	29.03 1.25 0.00	28.67 1.13 0.00	28.95 1.19 0.00	30.44 1.39 0.00	35.38 1.70 -0.39	48.46 2.66 0.00	54.72 2.85 0.00	43.49 2.46 0.00	36.27 2.28 0.00	35.20 2.11 -0.59	33.46 2.13 -0.92	33.14 2.14 -0.79	33.39 2.09 -0.92	36.05 2.36 -0.94	40.67 2.47 -3.91	50.85 3.24 -1.91	72.08 4.12 -9.86	61.43 3.66 -3.96	52.47 3.17 -2.76	47.28 2.71 -3.47	43.80 2.49 -5.80	37.97 2.35 -1.09	36.00 1.91 -0.56
GLENWOOD_IC_3_G1 23689	30.65 1.43 0.00	29.03 1.25 0.00	28.67 1.13 0.00	28.95 1.19 0.00	30.44 1.39 0.00	35.38 1.70 -0.39	48.46 2.66 0.00	54.72 2.85 0.00	43.49 2.46 0.00	36.27 2.28 0.00	35.20 2.11 -0.59	33.46 2.13 -0.92	33.14 2.14 -0.79	33.39 2.09 -0.92	36.05 2.36 -0.94	40.67 2.47 -3.91	50.85 3.24 -1.91	72.08 4.12 -9.86	61.43 3.66 -3.96	52.47 3.17 -2.76	47.28 2.71 -3.47	43.80 2.49 -5.80	37.97 2.35 -1.09	36.00 1.91 -0.56
GLENWOOD____4 23550	30.84 1.61 -0.01	29.15 1.36 -0.01	28.82 1.27 -0.01	29.13 1.36 -0.01	30.59 1.54 -0.01	36.03 1.93 -0.80	48.74 2.93 0.00	54.88 3.01 0.00	43.79 2.75 -0.01	36.51 2.52 -0.01	36.09 2.37 -1.22	34.65 2.34 -1.89	34.21 2.39 -1.62	34.61 2.34 -1.90	37.30 2.62 -1.92	41.88 2.74 -4.85	51.20 3.61 -1.90	72.44 4.47 -9.87	61.79 4.04 -3.96	53.09 3.49 -3.05	48.62 3.04 -4.48	45.43 2.73 -7.18	39.26 2.59 -2.14	36.68 2.05 -1.10
GLENWOOD____5 23614	30.84 1.61 -0.01	29.15 1.36 -0.01	28.82 1.27 -0.01	29.13 1.36 -0.01	30.59 1.54 -0.01	36.03 1.93 -0.80	48.74 2.93 0.00	54.88 3.01 0.00	43.79 2.75 -0.01	36.51 2.52 -0.01	36.09 2.37 -1.22	34.65 2.34 -1.89	34.21 2.39 -1.62	34.61 2.34 -1.90	37.30 2.62 -1.92	41.88 2.74 -4.85	51.20 3.61 -1.90	72.44 4.47 -9.87	61.79 4.04 -3.96	53.09 3.49 -3.05	48.62 3.04 -4.48	45.43 2.73 -7.18	39.26 2.59 -2.14	36.68 2.05 -1.10
GLOBAL GREEN_PORT_GT1 23814	32.72 3.51 0.00	30.66 2.89 0.00	30.27 2.73 0.00	30.64 2.89 0.00	32.35 3.31 0.00	37.76 4.30 -0.16	52.39 6.00 -0.59	58.08 6.17 -0.04	48.60 5.29 -2.28	38.84 4.82 -0.03	37.30 4.55 -0.25	35.25 4.44 -0.39	34.83 4.29 -0.33	35.17 4.40 -0.39	40.10 4.75 -2.60	52.45 5.07 -13.09	58.84 6.90 -6.24	76.90 8.83 -9.98	68.15 8.07 -6.28	65.19 7.07 -11.56	58.53 6.00 -11.43	56.32 5.47 -15.33	49.06 4.94 -9.59	38.63 4.83 -0.27
GLOBE____DSASP 323697	28.72 -0.50 0.00	27.20 -0.58 0.00	26.83 -0.72 0.00	26.82 -0.94 0.00	28.00 -1.05 0.00	31.73 -1.56 0.00	42.37 -3.44 0.00	48.81 -3.06 0.00	39.10 -1.93 0.00	32.29 -1.70 0.00	30.84 -1.66 0.00	28.95 -1.46 0.00	28.30 -1.90 0.00	28.52 -1.85 0.00	30.36 -2.39 0.00	31.59 -3.26 -0.56	41.96 -4.16 -0.42	53.87 -6.39 -2.17	49.19 -5.49 -0.87	42.44 -4.61 -0.50	37.41 -4.07 -0.38	33.07 -3.41 -0.97	31.20 -3.38 -0.05	30.59 -2.95 -0.01
GOETHSLN____LBMP 323567	30.22 0.99 0.00	28.78 1.00 0.00	28.45 0.91 0.00	28.71 0.94 0.00	30.09 1.05 0.00	34.43 1.13 0.00	48.00 2.20 0.00	54.21 2.33 0.00	43.04 2.01 0.00	35.89 1.90 0.00	34.22 1.72 0.00	32.18 1.76 0.00	32.02 1.81 0.00	32.11 1.73 0.00	34.72 1.97 0.00	38.68 2.09 -2.29	50.20 2.60 -1.90	71.32 3.37 -9.86	60.61 2.85 -3.95	51.29 2.51 -2.22	44.96 2.18 -1.69	41.29 1.99 -3.79	36.64 1.90 -0.21	34.91 1.34 -0.04
GOLAH____69_KV_TB 1_2 80279	29.63 0.41 0.00	28.03 0.25 0.00	27.71 0.17 0.00	27.76 0.00 0.00	29.04 0.00 0.00	33.10 -0.20 0.00	44.80 -1.01 0.00	51.41 -0.47 0.00	40.91 -0.12 0.00	33.85 -0.14 0.00	32.31 -0.20 0.00	30.17 -0.24 0.00	29.69 -0.51 0.00	29.83 -0.55 0.00	31.90 -0.85 0.00	33.58 -1.23 -0.53	44.53 -1.60 -0.44	57.98 -2.38 -2.27	52.72 -1.99 -0.91	45.52 -1.54 -0.51	40.09 -1.40 -0.39	35.22 -1.17 -0.87	33.17 -1.42 -0.05	32.40 -1.14 -0.01
GOODYEAR_LAKE_HYD 323669	30.39 1.17 0.00	28.89 1.11 0.00	28.65 1.10 0.00	28.90 1.14 0.00	30.21 1.16 0.00	34.63 1.33 0.00	48.05 2.24 0.00	54.52 2.65 0.00	42.96 1.93 0.00	35.55 1.56 0.00	33.83 1.33 0.00	31.60 1.19 0.00	31.35 1.15 0.00	31.50 1.12 0.00	34.00 1.24 0.00	36.48 1.37 -0.82	48.43 2.06 -0.68	64.28 2.67 -3.51	57.74 2.53 -1.41	49.48 2.14 -0.79	43.51 1.81 -0.60	38.40 1.53 -1.36	35.96 1.35 -0.08	34.75 1.21 -0.01
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.89 0.67 0.00	28.39 0.61 0.00	28.12 0.58 0.00	28.29 0.53 0.00	29.57 0.52 0.00	33.80 0.50 0.00	46.40 0.60 0.00	52.86 0.99 0.00	41.69 0.66 0.00	34.57 0.58 0.00	32.96 0.46 0.00	30.87 0.46 0.00	30.51 0.30 0.00	30.71 0.33 0.00	33.05 0.29 0.00	35.38 0.10 -0.98	46.69 0.18 -0.81	62.46 0.17 -4.19	55.64 0.16 -1.68	47.68 0.19 -0.95	41.86 0.04 -0.72	37.18 0.04 -1.63	34.73 0.10 -0.09	33.68 0.13 -0.02
GOUDEY____7 23579	29.92 0.70 0.00	28.42 0.64 0.00	28.15 0.61 0.00	28.32 0.56 0.00	29.60 0.55 0.00	33.83 0.53 0.00	46.45 0.64 0.00	52.91 1.04 0.00	41.77 0.74 0.00	34.60 0.61 0.00	33.02 0.52 0.00	30.90 0.49 0.00	30.54 0.33 0.00	30.74 0.36 0.00	33.08 0.33 0.00	35.41 0.14 -0.98	46.78 0.27 -0.81	62.57 0.29 -4.19	55.70 0.22 -1.68	47.73 0.23 -0.95	41.90 0.08 -0.72	37.21 0.07 -1.63	34.76 0.14 -0.09	33.72 0.17 -0.02

GOUDEY___8 23580	29.89 0.67 0.00	28.39 0.61 0.00	28.12 0.58 0.00	28.29 0.53 0.00	29.57 0.52 0.00	33.80 0.50 0.00	46.40 0.60 0.00	52.86 0.99 0.00	41.69 0.66 0.00	34.57 0.58 0.00	32.96 0.46 0.00	30.87 0.46 0.00	30.51 0.30 0.00	30.71 0.33 0.00	33.05 0.29 0.00	35.38 0.10 -0.98	46.69 0.18 -0.81	62.46 0.17 -4.19	55.64 0.16 -1.68	47.68 0.19 -0.95	41.86 0.04 -0.72	37.18 0.04 -1.63	34.73 0.10 -0.09	33.68 0.13 -0.02
GOWANUS_GT1_1 24077	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GOWANUS_GT1_2 24078	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GOWANUS_GT1_3 24079	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GOWANUS_GT1_4 24080	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GOWANUS_GT1_5 24084	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GOWANUS_GT1_6 24111	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GOWANUS_GT1_7 24112	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GOWANUS_GT1_8 24113	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GOWANUS_GT2_1 24114	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
GOWANUS_GT2_2 24115	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
GOWANUS_GT2_3 24116	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
GOWANUS_GT2_4 24117	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
GOWANUS_GT2_5 24118	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
GOWANUS_GT2_6 24119	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04

GOWANUS_GT2_7 24120	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
GOWANUS_GT2_8 24121	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
GOWANUS_GT3_1 24122	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
GOWANUS_GT3_2 24123	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
GOWANUS_GT3_3 24124	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
GOWANUS_GT3_4 24125	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
GOWANUS_GT3_5 24126	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
GOWANUS_GT3_6 24127	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
GOWANUS_GT3_7 24128	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
GOWANUS_GT3_8 24129	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
GOWANUS_GT4_1 24130	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GOWANUS_GT4_2 24131	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GOWANUS_GT4_3 24132	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GOWANUS_GT4_4 24133	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GOWANUS_GT4_5 24134	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04

GOWANUS_GT4_6 24135	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GOWANUS_GT4_7 24136	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GOWANUS_GT4_8 24137	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GREENBSH_115KV_TB3 55895	29.60 0.38 0.00	28.17 0.39 0.00	27.93 0.39 0.00	28.18 0.42 0.00	29.48 0.44 0.00	33.80 0.50 0.00	46.68 0.87 0.00	52.86 0.99 0.00	41.73 0.70 0.00	34.47 0.48 0.00	33.02 0.52 0.00	30.93 0.52 0.00	30.81 0.60 0.00	30.98 0.61 0.00	33.51 0.75 0.00	37.89 0.86 -2.74	49.20 1.23 -2.27	71.40 1.51 -11.80	59.99 1.45 -4.73	50.42 1.21 -2.66	44.14 1.03 -2.02	40.94 0.89 -4.53	35.61 0.83 -0.25	34.18 0.60 -0.04
GREENDGE_115KV_TB5 80291	30.30 1.08 0.00	28.70 0.92 0.00	28.37 0.83 0.00	28.48 0.72 0.00	29.86 0.81 0.00	34.13 0.83 0.00	46.22 0.41 0.00	53.07 1.19 0.00	42.14 1.11 0.00	35.01 1.02 0.00	33.31 0.81 0.00	31.11 0.70 0.00	30.63 0.42 0.00	30.86 0.49 0.00	33.15 0.39 0.00	35.07 0.10 -0.67	46.20 -0.05 -0.55	60.90 -0.06 -2.86	54.90 -0.05 -1.15	47.10 -0.09 -0.65	41.75 0.16 -0.49	36.64 0.00 -1.12	34.56 -0.03 -0.06	33.61 0.07 -0.01
GREENIDGE___3 23582	30.30 1.08 0.00	28.70 0.92 0.00	28.37 0.83 0.00	28.48 0.72 0.00	29.86 0.81 0.00	34.13 0.83 0.00	46.22 0.41 0.00	53.07 1.19 0.00	42.14 1.11 0.00	35.01 1.02 0.00	33.31 0.81 0.00	31.11 0.70 0.00	30.63 0.42 0.00	30.86 0.49 0.00	33.15 0.39 0.00	35.07 0.10 -0.67	46.20 -0.05 -0.55	60.90 -0.06 -2.86	54.90 -0.05 -1.15	47.10 -0.09 -0.65	41.75 0.16 -0.49	36.64 0.00 -1.12	34.56 -0.03 -0.06	33.61 0.07 -0.01
GREENIDGE___4 23583	30.30 1.08 0.00	28.69 0.92 0.00	28.48 0.94 0.00	28.57 0.81 0.00	29.86 0.81 0.00	34.13 0.83 0.00	46.22 0.41 0.00	53.07 1.19 0.00	42.09 1.06 0.00	35.01 1.02 0.00	33.31 0.81 0.00	31.11 0.70 0.00	30.63 0.42 0.00	30.86 0.48 0.00	33.15 0.39 0.00	35.07 0.10 -0.67	46.20 -0.05 -0.55	60.90 -0.06 -2.86	54.90 -0.05 -1.15	47.10 -0.09 -0.65	41.75 0.17 -0.49	36.64 0.00 -1.12	34.63 0.03 -0.06	33.51 -0.03 -0.01
GREENLWN_69_KV_BK 3 55738	31.09 1.87 0.00	29.19 1.42 0.00	28.84 1.29 0.00	29.15 1.39 0.00	30.72 1.68 0.00	35.76 2.26 -0.20	49.21 3.48 0.08	54.62 2.75 0.01	44.30 3.49 0.21	36.84 2.86 0.01	35.51 2.70 -0.31	33.58 2.68 -0.49	33.31 2.69 -0.42	33.54 2.67 -0.49	36.40 3.34 -0.31	41.17 3.43 -3.45	51.51 4.48 -1.33	73.34 5.40 -9.85	62.56 5.11 -3.65	52.69 4.42 -1.72	47.76 3.82 -2.84	46.01 3.48 -7.01	38.61 3.35 -0.73	36.23 2.38 -0.32
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.62 1.40 0.00	29.14 1.36 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.26 2.39 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.34 2.74 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.05 2.26 -1.69	41.44 2.13 -3.79	36.99 2.24 -0.21	35.35 1.78 -0.04
GRISSOM___SOLAR 323813	31.56 2.34 0.00	30.03 2.25 0.00	29.80 2.26 0.00	30.06 2.30 0.00	31.54 2.50 0.00	36.59 3.30 0.00	50.30 4.49 0.00	57.68 5.81 0.00	45.58 4.55 0.00	37.29 3.30 0.00	35.33 2.83 0.00	32.85 2.43 0.00	32.77 2.57 0.00	32.99 2.61 0.00	35.83 3.08 0.00	41.24 3.67 -3.28	54.12 5.71 -2.71	79.39 7.20 -14.10	66.18 6.72 -5.65	55.22 5.49 -3.18	48.23 4.72 -2.41	44.20 3.27 -5.42	38.25 3.42 -0.30	36.20 2.62 -0.05
GROVEVILLE___HYD 323602	30.39 1.17 0.00	28.95 1.17 0.00	28.65 1.10 0.00	28.90 1.14 0.00	30.29 1.25 0.00	34.63 1.33 0.00	48.28 2.47 0.00	54.52 2.65 0.00	43.04 2.01 0.00	35.72 1.73 0.00	34.00 1.50 0.00	31.90 1.49 0.00	31.78 1.57 0.00	31.96 1.58 0.00	34.56 1.80 0.00	38.61 2.02 -2.29	50.33 2.74 -1.90	71.55 3.60 -9.86	60.93 3.17 -3.95	51.47 2.70 -2.22	45.04 2.26 -1.69	41.33 2.02 -3.79	36.61 1.86 -0.21	35.01 1.44 -0.04
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.46 0.23 0.00	27.97 0.19 0.00	27.71 0.17 0.00	27.87 0.11 0.00	29.16 0.12 0.00	33.33 0.03 0.00	45.53 -0.27 0.00	51.77 -0.10 0.00	40.91 -0.12 0.00	33.96 -0.03 0.00	32.44 -0.07 0.00	30.32 -0.09 0.00	30.06 -0.15 0.00	30.22 -0.15 0.00	32.59 -0.16 0.00	34.48 -0.27 -0.47	45.76 -0.32 -0.39	59.63 -0.46 -2.01	54.17 -0.43 -0.80	46.63 -0.37 -0.45	41.07 -0.37 -0.34	35.93 -0.36 -0.77	34.33 -0.24 -0.04	33.41 -0.13 -0.01
HAMLTNNY_34_KV_TB 80303	29.54 0.32 0.00	28.03 0.25 0.00	27.77 0.22 0.00	27.93 0.17 0.00	29.22 0.17 0.00	33.43 0.13 0.00	45.71 -0.09 0.00	51.92 0.05 0.00	41.03 0.00 0.00	34.02 0.03 0.00	32.50 0.00 0.00	30.38 -0.03 0.00	30.09 -0.12 0.00	30.28 -0.09 0.00	32.62 -0.13 0.00	34.53 -0.24 -0.48	45.82 -0.27 -0.40	59.82 -0.35 -2.07	54.31 -0.32 -0.83	46.74 -0.28 -0.47	41.12 -0.33 -0.35	36.10 -0.21 -0.80	34.34 -0.24 -0.04	33.41 -0.13 -0.01
HAMPSHIRE___PAPER_HYD 323593	28.00 -1.23 0.00	26.59 -1.19 0.00	26.47 -1.07 0.00	26.60 -1.16 0.00	28.09 -0.96 0.00	33.10 -0.20 0.00	46.49 0.69 0.00	52.70 0.83 0.00	42.38 1.35 0.00	34.77 0.78 0.00	33.31 0.81 0.00	30.60 0.18 0.00	30.33 0.12 0.00	30.56 0.18 0.00	33.15 0.39 0.00	35.58 1.13 -0.16	47.38 1.55 -0.13	61.27 2.50 -0.68	56.60 2.53 -0.27	48.75 2.05 -0.15	43.56 2.34 -0.12	37.09 1.31 -0.26	35.17 0.62 -0.01	34.31 0.77 0.00
HARDSCRABBLE_WT_PWR 323673	29.78 0.55 0.00	28.31 0.53 0.00	28.10 0.55 0.00	28.32 0.56 0.00	29.65 0.61 0.00	34.09 0.80 0.00	46.81 1.01 0.00	53.48 1.61 0.00	42.30 1.27 0.00	35.08 1.09 0.00	33.44 0.94 0.00	31.20 0.79 0.00	30.99 0.78 0.00	31.14 0.76 0.00	33.60 0.85 0.00	35.32 0.96 -0.07	47.12 1.37 -0.06	60.13 1.74 -0.30	55.69 1.77 -0.12	48.11 1.49 -0.07	42.50 1.35 -0.05	36.59 0.96 -0.12	35.61 1.07 -0.01	34.31 0.77 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.16 0.94 0.00	28.72 0.94 0.00	28.40 0.85 0.00	28.68 0.92 0.00	30.06 1.02 0.00	34.36 1.07 0.00	47.78 1.97 0.00	54.05 2.18 0.00	42.63 1.60 0.00	35.42 1.43 0.00	33.77 1.27 0.00	31.72 1.31 0.00	31.57 1.36 0.00	31.71 1.34 0.00	34.26 1.51 0.00	38.13 1.71 -2.13	49.74 2.28 -1.76	70.26 3.02 -9.15	60.05 2.58 -3.67	50.80 2.19 -2.06	44.51 1.85 -1.57	40.63 1.60 -3.51	36.28 1.55 -0.20	34.77 1.21 -0.03
HARSNRAD_115KV_TB1 81005	29.40 0.18 0.00	27.83 0.06 0.00	27.46 -0.08 0.00	27.46 -0.31 0.00	28.67 -0.38 0.00	32.53 -0.77 0.00	43.61 -2.20 0.00	50.26 -1.61 0.00	40.25 -0.78 0.00	33.21 -0.78 0.00	31.72 -0.78 0.00	29.74 -0.67 0.00	29.09 -1.12 0.00	29.28 -1.09 0.00	31.18 -1.57 0.00	32.45 -2.40 -0.56	43.07 -3.06 -0.43	55.56 -4.76 -2.23	50.72 -3.98 -0.90	43.66 -3.40 -0.51	38.40 -3.08 -0.39	33.85 -2.63 -0.96	32.00 -2.59 -0.05	31.40 -2.15 -0.01
HARZA MOOSE__RIVER 24016	29.37 0.15 0.00	27.89 0.11 0.00	27.71 0.17 0.00	27.96 0.19 0.00	29.31 0.26 0.00	33.86 0.57 0.00	46.95 1.15 0.00	53.53 1.66 0.00	42.38 1.35 0.00	34.94 0.95 0.00	33.35 0.85 0.00	30.90 0.49 0.00	30.63 0.42 0.00	30.80 0.43 0.00	33.28 0.52 0.00	35.39 0.93 -0.17	47.39 1.55 -0.14	61.03 2.21 -0.74	56.41 2.31 -0.29	48.58 1.86 -0.17	42.79 1.56 -0.13	36.72 0.92 -0.28	35.24 0.69 -0.02	34.34 0.80 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.22 0.00 0.00	27.75 -0.03 0.00	27.49 -0.06 0.00	27.65 -0.11 0.00	28.93 -0.12 0.00	33.06 -0.23 0.00	45.07 -0.73 0.00	51.25 -0.62 0.00	40.50 -0.53 0.00	33.65 -0.34 0.00	32.18 -0.33 0.00	30.11 -0.30 0.00	29.84 -0.36 0.00	30.01 -0.36 0.00	32.33 -0.43 0.00	34.15 -0.58 -0.44	45.24 -0.82 -0.37	58.89 -1.10 -1.90	53.54 -1.02 -0.76	46.09 -0.88 -0.43	40.60 -0.82 -0.33	35.61 -0.64 -0.73	34.02 -0.55 -0.04	33.10 -0.44 -0.01
HELLGATE_13_KV_LD 55870	30.48 1.26 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.90 1.14 0.00	30.29 1.25 0.00	34.60 1.30 0.00	48.00 2.20 0.00	54.36 2.49 0.00	43.12 2.09 0.00	35.99 2.01 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.20 1.82 0.00	34.82 2.06 0.00	38.78 2.19 -2.29	50.38 2.79 -1.90	71.56 3.60 -9.86	60.82 3.07 -3.96	51.43 2.65 -2.22	45.05 2.26 -1.69	41.37 2.06 -3.79	36.85 2.11 -0.21	35.15 1.58 -0.04
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.48 1.26 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.90 1.14 0.00	30.29 1.25 0.00	34.60 1.30 0.00	48.00 2.20 0.00	54.36 2.49 0.00	43.12 2.09 0.00	35.99 2.01 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.20 1.82 0.00	34.82 2.06 0.00	38.78 2.19 -2.29	50.38 2.79 -1.90	71.56 3.60 -9.86	60.82 3.07 -3.96	51.43 2.65 -2.22	45.05 2.26 -1.69	41.37 2.06 -3.79	36.85 2.11 -0.21	35.15 1.58 -0.04
HEMPSTEAD____ 23647	30.96 1.72 -0.01	29.15 1.36 -0.01	28.77 1.21 -0.01	29.08 1.31 -0.01	30.65 1.60 -0.01	36.29 2.07 -0.93	48.74 2.93 0.00	54.93 3.06 0.00	43.83 2.79 -0.01	36.65 2.65 -0.01	36.38 2.47 -1.41	35.07 2.46 -2.20	34.56 2.48 -1.88	35.04 2.46 -2.20	37.70 2.72 -2.23	42.31 2.84 -5.17	51.30 3.70 -1.91	72.67 4.70 -9.87	62.01 4.25 -3.96	53.38 3.68 -3.16	49.07 3.12 -4.85	46.12 2.88 -7.73	39.79 2.76 -2.50	37.15 2.35 -1.27
HEWLETT__69_KV_BK3 55828	31.41 2.13 -0.05	29.52 1.69 -0.05	29.16 1.57 -0.05	29.48 1.67 -0.05	31.04 1.95 -0.05	38.79 2.46 -3.03	49.10 3.30 0.00	55.56 3.68 0.00	44.31 3.28 0.00	37.10 3.06 -0.05	39.96 2.86 -4.59	40.35 2.80 -7.14	39.15 2.84 -6.11	40.34 2.79 -7.17	42.99 3.08 -7.16	45.85 3.22 -8.33	51.94 4.34 -1.90	73.46 5.46 -9.91	62.71 4.95 -3.96	54.96 4.19 -4.22	53.26 3.66 -8.50	48.89 3.30 -10.07	43.74 3.14 -6.06	40.11 2.55 -4.02
HICKLING__1 23621	30.45 1.23 0.00	28.86 1.08 0.00	28.54 0.99 0.00	28.65 0.89 0.00	29.97 0.93 0.00	34.20 0.90 0.00	46.77 0.96 0.00	53.53 1.66 0.00	42.22 1.19 0.00	34.98 0.99 0.00	33.31 0.81 0.00	31.17 0.76 0.00	30.63 0.42 0.00	30.86 0.49 0.00	33.11 0.36 0.00	34.94 -0.17 -0.82	46.27 -0.09 -0.67	61.25 -0.29 -3.45	54.86 -0.32 -1.38	47.14 -0.19 -0.78	41.32 -0.37 -0.59	36.59 -0.28 -1.36	34.40 -0.21 -0.08	33.45 -0.10 -0.01
HICKLING__2 23622	30.45 1.23 0.00	28.86 1.08 0.00	28.54 0.99 0.00	28.65 0.89 0.00	29.97 0.93 0.00	34.20 0.90 0.00	46.77 0.96 0.00	53.53 1.66 0.00	42.22 1.19 0.00	34.98 0.99 0.00	33.31 0.81 0.00	31.17 0.76 0.00	30.63 0.42 0.00	30.86 0.49 0.00	33.11 0.36 0.00	34.94 -0.17 -0.82	46.27 -0.09 -0.67	61.25 -0.29 -3.45	54.86 -0.32 -1.38	47.14 -0.19 -0.78	41.32 -0.37 -0.59	36.59 -0.28 -1.36	34.40 -0.21 -0.08	33.45 -0.10 -0.01
HIGH FALLS__HY 23754	30.13 0.91 0.00	28.67 0.89 0.00	28.40 0.85 0.00	28.65 0.89 0.00	30.00 0.96 0.00	34.30 1.00 0.00	47.73 1.92 0.00	54.00 2.13 0.00	42.59 1.56 0.00	35.35 1.36 0.00	33.61 1.11 0.00	31.57 1.16 0.00	31.17 0.97 0.00	31.35 0.97 0.00	33.87 1.11 0.00	37.92 1.34 -2.29	49.42 1.83 -1.89	70.43 2.50 -9.84	59.90 2.15 -3.95	50.59 1.82 -2.22	44.59 1.81 -1.68	40.86 1.56 -3.78	36.23 1.48 -0.21	34.64 1.07 -0.04
HILLBURN__GT 23639	30.16 0.93 0.00	28.72 0.95 0.00	28.37 0.83 0.00	28.65 0.89 0.00	30.06 1.02 0.00	34.36 1.07 0.00	47.68 1.88 0.00	54.10 2.23 0.00	42.63 1.60 0.00	35.48 1.49 0.00	33.87 1.36 0.00	31.87 1.46 0.00	31.66 1.45 0.00	31.80 1.43 0.00	34.36 1.60 0.00	38.16 1.71 -2.15	49.72 2.24 -1.78	70.31 2.96 -9.26	59.99 2.48 -3.71	50.78 2.14 -2.09	44.53 1.85 -1.58	40.67 1.60 -3.56	36.35 1.62 -0.20	34.74 1.17 -0.03
HILLSIDE_115KV_TB1 80332	29.95 0.73 0.00	28.39 0.61 0.00	28.07 0.52 0.00	28.21 0.44 0.00	29.51 0.46 0.00	33.63 0.33 0.00	45.94 0.14 0.00	52.49 0.62 0.00	41.44 0.41 0.00	34.33 0.34 0.00	32.73 0.23 0.00	30.69 0.27 0.00	30.18 -0.03 0.00	30.38 0.00 0.00	32.59 -0.16 0.00	34.38 -0.75 -0.84	45.52 -0.87 -0.69	60.34 -1.34 -3.58	53.95 -1.29 -1.44	46.33 -1.02 -0.81	40.64 -1.07 -0.61	36.00 -0.92 -1.40	33.89 -0.73 -0.08	32.98 -0.57 -0.01
HISHELDN_WT_PWR 323625	29.89 0.67 0.00	28.28 0.50 0.00	28.12 0.58 0.00	28.12 0.36 0.00	29.22 0.18 0.00	33.23 -0.07 0.00	44.80 -1.01 0.00	51.61 -0.26 0.00	41.11 0.08 0.00	33.96 -0.03 0.00	32.40 -0.10 0.00	30.35 -0.06 0.00	29.72 -0.48 0.00	29.92 -0.45 0.00	31.94 -0.82 0.00	33.20 -1.71 -0.63	44.18 -2.01 -0.49	57.30 -3.31 -2.52	52.01 -2.80 -1.01	44.80 -2.33 -0.57	39.23 -2.30 -0.44	34.56 -2.02 -1.06	32.87 -1.73 -0.06	31.97 -1.58 -0.01
HOLTSVILLE_IC_1 23690	31.61 2.40 0.00	29.67 1.89 0.00	29.28 1.74 0.00	29.62 1.86 0.00	31.25 2.21 0.00	36.39 2.93 -0.16	50.20 3.80 -0.59	55.81 3.89 -0.04	46.80 3.49 -2.29	37.52 3.50 -0.03	36.03 3.28 -0.24	34.02 3.22 -0.38	33.73 3.20 -0.33	33.98 3.22 -0.39	38.79 3.44 -2.60	51.00 3.60 -13.11	56.57 4.61 -6.26	73.83 5.75 -9.98	65.37 5.28 -6.29	62.76 4.61 -11.60	56.51 3.95 -11.46	54.57 3.69 -15.36	47.67 3.52 -9.61	37.15 3.35 -0.26

HOLTSVILLE_IC_10 23699	31.79 2.57 0.00	29.83 2.06 0.00	29.42 1.87 0.00	29.76 2.00 0.00	31.42 2.38 0.00	36.57 3.10 -0.18	50.54 4.17 -0.57	56.11 4.20 -0.04	46.96 3.73 -2.20	37.72 3.71 -0.03	36.18 3.41 -0.27	34.21 3.38 -0.43	33.92 3.35 -0.36	34.17 3.37 -0.43	38.92 3.60 -2.56	50.90 3.81 -12.81	56.72 4.94 -6.09	74.23 6.15 -9.98	65.65 5.65 -6.20	62.79 4.98 -11.26	56.51 4.23 -11.18	54.61 4.01 -15.08	47.60 3.73 -9.34	37.41 3.59 -0.28
HOLTSVILLE_IC_2 23691	31.61 2.40 0.00	29.67 1.89 0.00	29.28 1.74 0.00	29.62 1.86 0.00	31.25 2.21 0.00	36.39 2.93 -0.16	50.20 3.80 -0.59	55.81 3.89 -0.04	46.80 3.49 -2.29	37.52 3.50 -0.03	36.03 3.28 -0.24	34.02 3.22 -0.38	33.73 3.20 -0.33	33.98 3.22 -0.39	38.79 3.44 -2.60	51.00 3.60 -13.11	56.57 4.61 -6.26	73.83 5.75 -9.98	65.37 5.28 -6.29	62.76 4.61 -11.60	56.51 3.95 -11.46	54.57 3.69 -15.36	47.67 3.52 -9.61	37.15 3.35 -0.26
HOLTSVILLE_IC_3 23692	31.61 2.40 0.00	29.67 1.89 0.00	29.28 1.74 0.00	29.62 1.86 0.00	31.25 2.21 0.00	36.39 2.93 -0.16	50.20 3.80 -0.59	55.81 3.89 -0.04	46.80 3.49 -2.29	37.52 3.50 -0.03	36.03 3.28 -0.24	34.02 3.22 -0.38	33.73 3.20 -0.33	33.98 3.22 -0.39	38.79 3.44 -2.60	51.00 3.60 -13.11	56.57 4.61 -6.26	73.83 5.75 -9.98	65.37 5.28 -6.29	62.76 4.61 -11.60	56.51 3.95 -11.46	54.57 3.69 -15.36	47.67 3.52 -9.61	37.15 3.35 -0.26
HOLTSVILLE_IC_4 23693	31.61 2.40 0.00	29.67 1.89 0.00	29.28 1.74 0.00	29.62 1.86 0.00	31.25 2.21 0.00	36.39 2.93 -0.16	50.20 3.80 -0.59	55.81 3.89 -0.04	46.80 3.49 -2.29	37.52 3.50 -0.03	36.03 3.28 -0.24	34.02 3.22 -0.38	33.73 3.20 -0.33	33.98 3.22 -0.39	38.79 3.44 -2.60	51.00 3.60 -13.11	56.57 4.61 -6.26	73.83 5.75 -9.98	65.37 5.28 -6.29	62.76 4.61 -11.60	56.51 3.95 -11.46	54.57 3.69 -15.36	47.67 3.52 -9.61	37.15 3.35 -0.26
HOLTSVILLE_IC_5 23694	31.61 2.40 0.00	29.67 1.89 0.00	29.28 1.74 0.00	29.62 1.86 0.00	31.25 2.21 0.00	36.39 2.93 -0.16	50.20 3.80 -0.59	55.81 3.89 -0.04	46.80 3.49 -2.29	37.52 3.50 -0.03	36.03 3.28 -0.24	34.02 3.22 -0.38	33.73 3.20 -0.33	33.98 3.22 -0.39	38.79 3.44 -2.60	51.00 3.60 -13.11	56.57 4.61 -6.26	73.83 5.75 -9.98	65.37 5.28 -6.29	62.76 4.61 -11.60	56.51 3.95 -11.46	54.57 3.69 -15.36	47.67 3.52 -9.61	37.15 3.35 -0.26
HOLTSVILLE_IC_6 23695	31.79 2.57 0.00	29.83 2.06 0.00	29.42 1.87 0.00	29.76 2.00 0.00	31.42 2.38 0.00	36.57 3.10 -0.18	50.54 4.17 -0.57	56.11 4.20 -0.04	46.96 3.73 -2.20	37.72 3.71 -0.03	36.18 3.41 -0.27	34.21 3.38 -0.43	33.92 3.35 -0.36	34.17 3.37 -0.43	38.92 3.60 -2.56	50.90 3.81 -12.81	56.72 4.94 -6.09	74.23 6.15 -9.98	65.65 5.65 -6.20	62.79 4.98 -11.26	56.51 4.23 -11.18	54.61 4.01 -15.08	47.60 3.73 -9.34	37.41 3.59 -0.28
HOLTSVILLE_IC_7 23696	31.79 2.57 0.00	29.83 2.06 0.00	29.42 1.87 0.00	29.76 2.00 0.00	31.42 2.38 0.00	36.57 3.10 -0.18	50.54 4.17 -0.57	56.11 4.20 -0.04	46.96 3.73 -2.20	37.72 3.71 -0.03	36.18 3.41 -0.27	34.21 3.38 -0.43	33.92 3.35 -0.36	34.17 3.37 -0.43	38.92 3.60 -2.56	50.90 3.81 -12.81	56.72 4.94 -6.09	74.23 6.15 -9.98	65.65 5.65 -6.20	62.79 4.98 -11.26	56.51 4.23 -11.18	54.61 4.01 -15.08	47.60 3.73 -9.34	37.41 3.59 -0.28
HOLTSVILLE_IC_8 23697	31.79 2.57 0.00	29.83 2.06 0.00	29.42 1.87 0.00	29.76 2.00 0.00	31.42 2.38 0.00	36.57 3.10 -0.18	50.54 4.17 -0.57	56.11 4.20 -0.04	46.96 3.73 -2.20	37.72 3.71 -0.03	36.18 3.41 -0.27	34.21 3.38 -0.43	33.92 3.35 -0.36	34.17 3.37 -0.43	38.92 3.60 -2.56	50.90 3.81 -12.81	56.72 4.94 -6.09	74.23 6.15 -9.98	65.65 5.65 -6.20	62.79 4.98 -11.26	56.51 4.23 -11.18	54.61 4.01 -15.08	47.60 3.73 -9.34	37.41 3.59 -0.28
HOLTSVILLE_IC_9 23698	31.79 2.57 0.00	29.83 2.06 0.00	29.42 1.87 0.00	29.76 2.00 0.00	31.42 2.38 0.00	36.57 3.10 -0.18	50.54 4.17 -0.57	56.11 4.20 -0.04	46.96 3.73 -2.20	37.72 3.71 -0.03	36.18 3.41 -0.27	34.21 3.38 -0.43	33.92 3.35 -0.36	34.17 3.37 -0.43	38.92 3.60 -2.56	50.90 3.81 -12.81	56.72 4.94 -6.09	74.23 6.15 -9.98	65.65 5.65 -6.20	62.79 4.98 -11.26	56.51 4.23 -11.18	54.61 4.01 -15.08	47.60 3.73 -9.34	37.41 3.59 -0.28
HOMER_HL_115KV_TB2 355744	30.39 1.17 0.00	28.75 0.97 0.00	28.34 0.80 0.00	28.43 0.67 0.00	29.74 0.70 0.00	33.83 0.53 0.00	45.99 0.18 0.00	52.86 0.99 0.00	41.77 0.74 0.00	34.60 0.61 0.00	32.99 0.49 0.00	30.96 0.55 0.00	30.21 0.00 0.00	30.44 0.06 0.00	32.39 -0.36 0.00	33.00 -1.92 -0.63	43.95 -2.24 -0.49	57.42 -3.20 -2.52	51.86 -2.96 -1.01	44.75 -2.37 -0.57	38.94 -2.59 -0.44	34.34 -2.24 -1.06	33.07 -1.52 -0.06	32.57 -0.97 -0.01
HOWARD_WT_PWR 323690	30.71 1.49 0.00	29.11 1.33 0.00	28.92 1.38 0.00	28.95 1.19 0.00	30.21 1.16 0.00	34.49 1.20 0.00	46.86 1.05 0.00	54.00 2.13 0.00	42.71 1.68 0.00	35.31 1.32 0.00	33.61 1.11 0.00	31.39 0.97 0.00	30.75 0.54 0.00	31.01 0.64 0.00	33.21 0.46 0.00	34.83 -0.17 -0.71	46.32 0.05 -0.58	60.79 -0.29 -2.99	54.84 -0.16 -1.20	47.04 -0.19 -0.68	41.20 -0.41 -0.51	36.21 -0.50 -1.19	34.29 -0.31 -0.07	33.11 -0.44 -0.01
HQ_GEN_CEDARS 23644	27.41 -1.81 0.00	26.03 -1.75 0.00	26.03 -1.51 0.00	26.37 -1.39 0.00	27.62 -1.42 0.00	33.10 -0.20 0.00	46.54 0.73 0.00	52.18 0.31 0.00	42.30 1.27 0.00	34.70 0.71 0.00	33.41 0.91 0.00	30.60 0.18 0.00	30.42 0.21 0.00	30.65 0.27 0.00	33.31 0.56 0.00	35.76 1.37 -0.09	47.10 1.33 -0.08	61.06 2.56 -0.41	56.28 2.31 -0.16	48.60 1.96 -0.09	44.09 2.92 -0.07	37.27 1.60 -0.16	35.54 1.00 -0.01	34.78 1.24 0.00
HQ_GEN_CEDARS_PROXY 323590	27.41 -1.81 0.00	26.03 -1.75 0.00	26.00 -1.54 0.00	26.04 -1.72 0.00	27.62 -1.42 0.00	33.10 -0.20 0.00	46.54 0.73 0.00	52.19 0.31 0.00	42.30 1.27 0.00	34.70 0.71 0.00	33.41 0.91 0.00	30.60 0.18 0.00	30.42 0.21 0.00	30.65 0.27 0.00	33.31 0.56 0.00	35.76 1.37 -0.10	47.33 1.28 -0.36	60.78 2.55 -0.13	56.28 2.31 -0.16	48.60 1.95 -0.09	44.09 2.92 -0.07	37.27 1.60 -0.16	35.41 0.86 -0.01	34.64 1.10 0.00
HQ_GEN_IMPORT 323601	29.22 0.00 0.00	27.78 0.00 0.00	27.55 0.00 0.00	27.76 0.00 0.00	29.04 0.00 0.00	33.30 0.00 0.00	45.81 0.00 0.00	51.87 0.00 0.00	41.03 0.00 0.00	33.99 0.00 0.00	32.50 0.00 0.00	30.41 0.00 0.00	30.21 0.00 0.00	30.38 0.00 0.00	32.75 0.00 0.00	34.29 0.00 0.00	45.97 0.00 -0.28	57.81 0.00 0.28	53.80 0.00 0.00	46.55 0.00 0.00	41.10 0.00 0.00	35.52 0.00 0.00	34.53 0.00 0.00	33.53 0.00 0.00
HQ_GEN_WHEEL 23651	29.22 0.00 0.00	27.78 0.00 0.00	27.55 0.00 0.00	27.76 0.00 0.00	29.04 0.00 0.00	33.30 0.00 0.00	45.81 0.00 0.00	51.87 0.00 0.00	41.03 0.00 0.00	33.99 0.00 0.00	32.50 0.00 0.00	30.41 0.00 0.00	30.21 0.00 0.00	30.38 0.00 0.00	32.75 0.00 0.00	34.29 0.00 0.00	45.97 0.00 -0.28	57.81 0.00 0.28	53.80 0.00 0.00	46.55 0.00 0.00	41.10 0.00 0.00	35.52 0.00 0.00	34.53 0.00 0.00	33.53 0.00 0.00

HUDSON AVE_GT_3 23810	30.36 1.14 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.28 2.47 0.00	54.57 2.70 0.00	43.33 2.30 0.00	36.06 2.07 0.00	34.39 1.89 0.00	32.33 1.92 0.00	32.17 1.96 0.00	32.26 1.88 0.00	34.88 2.13 0.00	38.85 2.26 -2.29	50.52 2.92 -1.90	71.73 3.78 -9.86	61.04 3.28 -3.95	51.61 2.84 -2.22	45.21 2.42 -1.69	41.51 2.20 -3.79	36.85 2.11 -0.21	35.11 1.54 -0.04
HUDSON AVE_GT_4 23540	30.36 1.14 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.28 2.47 0.00	54.57 2.70 0.00	43.33 2.30 0.00	36.06 2.07 0.00	34.39 1.89 0.00	32.33 1.92 0.00	32.17 1.96 0.00	32.26 1.88 0.00	34.88 2.13 0.00	38.85 2.26 -2.29	50.52 2.92 -1.90	71.73 3.78 -9.86	61.04 3.28 -3.95	51.61 2.84 -2.22	45.21 2.42 -1.69	41.51 2.20 -3.79	36.85 2.11 -0.21	35.11 1.54 -0.04
HUDSON AVE_GT_5 23657	30.36 1.14 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.28 2.47 0.00	54.57 2.70 0.00	43.33 2.30 0.00	36.06 2.07 0.00	34.39 1.89 0.00	32.33 1.92 0.00	32.17 1.96 0.00	32.26 1.88 0.00	34.88 2.13 0.00	38.85 2.26 -2.29	50.52 2.92 -1.90	71.73 3.78 -9.86	61.04 3.28 -3.95	51.61 2.84 -2.22	45.21 2.42 -1.69	41.51 2.20 -3.79	36.85 2.11 -0.21	35.11 1.54 -0.04
HUDSON_AVE_10 24168	30.27 1.05 0.00	28.83 1.06 0.00	28.54 0.99 0.00	28.76 1.00 0.00	30.15 1.10 0.00	34.53 1.23 0.00	48.19 2.38 0.00	54.47 2.59 0.00	43.24 2.22 0.00	35.99 2.01 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.20 1.82 0.00	34.82 2.06 0.00	38.78 2.19 -2.29	50.43 2.83 -1.90	71.61 3.66 -9.86	60.93 3.17 -3.95	51.52 2.75 -2.22	45.17 2.38 -1.69	41.44 2.13 -3.79	36.78 2.04 -0.21	35.04 1.48 -0.04
HUDSON___115KV_TB 4 355613	30.54 1.31 0.00	29.00 1.22 0.00	28.78 1.24 0.00	29.07 1.30 0.00	30.44 1.39 0.00	34.93 1.63 0.00	48.33 2.52 0.00	54.67 2.80 0.00	43.08 2.05 0.00	35.31 1.33 0.00	33.64 1.14 0.00	31.45 1.03 0.00	31.38 1.18 0.00	31.62 1.25 0.00	34.29 1.54 0.00	38.81 1.85 -2.67	50.79 2.88 -2.21	73.35 3.78 -11.48	62.06 3.66 -4.60	52.12 2.98 -2.59	45.57 2.51 -1.97	41.99 2.06 -4.41	36.64 1.86 -0.25	35.18 1.61 -0.04
HUNTER MOUNT___DRP 323613	30.65 1.43 0.00	29.14 1.36 0.00	28.92 1.38 0.00	29.21 1.44 0.00	30.58 1.54 0.00	35.09 1.80 0.00	48.60 2.79 0.00	54.93 3.06 0.00	43.20 2.17 0.00	35.35 1.36 0.00	33.61 1.11 0.00	31.39 0.97 0.00	31.35 1.15 0.00	31.62 1.25 0.00	34.29 1.54 0.00	38.79 1.89 -2.61	50.92 3.06 -2.16	73.38 4.07 -11.22	62.28 3.98 -4.50	52.25 3.17 -2.53	45.69 2.67 -1.92	42.03 2.20 -4.31	36.74 1.97 -0.24	35.28 1.71 -0.04
HUNTINGTON_RES_REC 323705	31.35 2.13 0.00	29.41 1.64 0.00	29.03 1.49 0.00	29.37 1.61 0.00	30.99 1.95 0.00	36.08 2.60 -0.18	49.40 3.85 0.25	55.80 3.94 0.02	43.73 3.61 0.91	37.13 3.16 0.02	35.77 2.99 -0.28	33.80 2.95 -0.43	33.51 2.93 -0.37	33.76 2.95 -0.44	35.81 3.47 0.41	38.63 3.63 -0.71	50.50 4.75 -0.05	73.71 5.81 -9.81	62.15 5.38 -2.97	50.36 4.70 0.88	45.70 4.07 -0.54	44.04 3.84 -4.69	36.30 3.56 1.79	36.87 3.05 -0.29
HUNTLEY___63 23557	29.69 0.47 0.00	28.08 0.31 0.00	27.71 0.17 0.00	27.68 -0.08 0.00	28.93 -0.12 0.00	32.83 -0.47 0.00	44.02 -1.79 0.00	50.83 -1.04 0.00	40.70 -0.33 0.00	33.62 -0.37 0.00	32.11 -0.39 0.00	30.08 -0.33 0.00	29.39 -0.82 0.00	29.62 -0.76 0.00	31.51 -1.24 0.00	32.77 -2.09 -0.57	43.57 -2.56 -0.44	56.15 -4.18 -2.24	51.21 -3.50 -0.90	44.08 -2.98 -0.51	38.77 -2.71 -0.39	34.18 -2.31 -0.98	32.31 -2.28 -0.05	31.70 -1.84 -0.01
HUNTLEY___64 23558	29.69 0.47 0.00	28.08 0.31 0.00	27.71 0.17 0.00	27.68 -0.08 0.00	28.93 -0.12 0.00	32.83 -0.47 0.00	44.02 -1.79 0.00	50.83 -1.04 0.00	40.70 -0.33 0.00	33.62 -0.37 0.00	32.11 -0.39 0.00	30.08 -0.33 0.00	29.39 -0.82 0.00	29.62 -0.76 0.00	31.51 -1.24 0.00	32.77 -2.09 -0.57	43.57 -2.56 -0.44	56.15 -4.18 -2.24	51.21 -3.50 -0.90	44.08 -2.98 -0.51	38.77 -2.71 -0.39	34.18 -2.31 -0.98	32.31 -2.28 -0.05	31.70 -1.84 -0.01
HUNTLEY___65 23559	29.69 0.47 0.00	28.08 0.31 0.00	27.71 0.17 0.00	27.68 -0.08 0.00	28.93 -0.12 0.00	32.83 -0.47 0.00	44.02 -1.79 0.00	50.83 -1.04 0.00	40.70 -0.33 0.00	33.62 -0.37 0.00	32.11 -0.39 0.00	30.08 -0.33 0.00	29.39 -0.82 0.00	29.62 -0.76 0.00	31.51 -1.24 0.00	32.77 -2.09 -0.57	43.57 -2.56 -0.44	56.15 -4.18 -2.24	51.21 -3.50 -0.90	44.08 -2.98 -0.51	38.77 -2.71 -0.39	34.18 -2.31 -0.98	32.31 -2.28 -0.05	31.70 -1.84 -0.01
HUNTLEY___66 23560	29.69 0.47 0.00	28.08 0.31 0.00	27.71 0.17 0.00	27.68 -0.08 0.00	28.93 -0.12 0.00	32.83 -0.47 0.00	44.02 -1.79 0.00	50.83 -1.04 0.00	40.70 -0.33 0.00	33.62 -0.37 0.00	32.11 -0.39 0.00	30.08 -0.33 0.00	29.39 -0.82 0.00	29.62 -0.76 0.00	31.51 -1.24 0.00	32.77 -2.09 -0.57	43.57 -2.56 -0.44	56.15 -4.18 -2.24	51.21 -3.50 -0.90	44.08 -2.98 -0.51	38.77 -2.71 -0.39	34.18 -2.31 -0.98	32.31 -2.28 -0.05	31.70 -1.84 -0.01
HUNTLEY___67 23561	29.51 0.29 0.00	27.92 0.14 0.00	27.55 0.00 0.00	27.57 -0.19 0.00	28.78 -0.26 0.00	32.66 -0.63 0.00	43.79 -2.02 0.00	50.47 -1.40 0.00	40.37 -0.66 0.00	33.34 -0.65 0.00	31.85 -0.65 0.00	29.87 -0.55 0.00	29.21 -1.00 0.00	29.43 -0.94 0.00	31.35 -1.41 0.00	32.54 -2.33 -0.58	43.21 -2.92 -0.44	55.75 -4.59 -2.25	50.83 -3.87 -0.91	43.76 -3.31 -0.51	38.45 -3.04 -0.39	33.95 -2.56 -0.99	32.14 -2.45 -0.05	31.50 -2.05 -0.01
HUNTLEY___68 23562	29.51 0.29 0.00	27.92 0.14 0.00	27.55 0.00 0.00	27.57 -0.19 0.00	28.78 -0.26 0.00	32.66 -0.63 0.00	43.79 -2.02 0.00	50.47 -1.40 0.00	40.37 -0.66 0.00	33.34 -0.65 0.00	31.85 -0.65 0.00	29.87 -0.55 0.00	29.21 -1.00 0.00	29.43 -0.94 0.00	31.35 -1.41 0.00	32.54 -2.33 -0.58	43.21 -2.92 -0.44	55.75 -4.59 -2.25	50.83 -3.87 -0.91	43.76 -3.31 -0.51	38.45 -3.04 -0.39	33.95 -2.56 -0.99	32.14 -2.45 -0.05	31.50 -2.05 -0.01
HYLAND___LFGE 323620	31.18 1.96 0.00	29.47 1.69 0.00	29.33 1.79 0.00	29.32 1.55 0.00	30.52 1.48 0.00	34.89 1.60 0.00	48.00 2.20 0.00	55.24 3.37 0.00	43.53 2.50 0.00	35.69 1.70 0.00	33.70 1.20 0.00	31.23 0.82 0.00	30.24 0.03 0.00	30.74 0.37 0.00	33.05 0.29 0.00	35.03 0.10 -0.63	46.99 0.78 -0.51	62.15 1.39 -2.66	56.54 1.67 -1.07	48.83 1.67 -0.60	42.75 1.19 -0.46	37.49 0.92 -1.05	35.25 0.65 -0.06	34.35 0.80 -0.01
INDECK___CORINTH 23802	31.24 2.01 0.00	29.69 1.92 0.00	29.42 1.87 0.00	29.70 1.94 0.00	31.14 2.09 0.00	35.93 2.63 0.00	49.75 3.94 0.00	56.18 4.30 0.00	44.39 3.37 0.00	36.40 2.41 0.00	34.78 2.27 0.00	32.42 2.01 0.00	32.26 2.06 0.00	32.41 2.04 0.00	35.14 2.39 0.00	38.60 1.47 -2.83	50.10 2.06 -2.34	72.95 2.67 -12.18	61.27 2.58 -4.88	51.34 2.05 -2.75	44.95 1.77 -2.08	41.62 1.42 -4.68	36.28 1.48 -0.26	36.19 2.62 -0.04

INDECK___ILION 23567	29.57 0.35 0.00	28.11 0.33 0.00	27.90 0.36 0.00	28.12 0.36 0.00	29.45 0.41 0.00	33.83 0.53 0.00	46.54 0.73 0.00	52.91 1.04 0.00	41.85 0.82 0.00	34.67 0.68 0.00	33.09 0.59 0.00	30.90 0.49 0.00	30.69 0.48 0.00	30.86 0.49 0.00	33.28 0.52 0.00	34.98 0.62 -0.07	46.67 0.91 -0.06	59.61 1.22 -0.30	55.11 1.18 -0.12	47.60 0.98 -0.07	42.05 0.90 -0.05	36.27 0.64 -0.12	35.23 0.69 -0.01	34.17 0.64 0.00
INDECK___OLEAN 23982	30.39 1.17 0.00	28.75 0.97 0.00	28.54 0.99 0.00	28.57 0.81 0.00	29.74 0.70 0.00	33.80 0.50 0.00	45.99 0.18 0.00	52.86 0.98 0.00	41.77 0.74 0.00	34.60 0.61 0.00	32.99 0.49 0.00	30.96 0.55 0.00	30.21 0.00 0.00	30.44 0.06 0.00	32.39 -0.36 0.00	32.96 -1.95 -0.63	43.99 -2.19 -0.49	57.42 -3.19 -2.52	51.86 -2.96 -1.01	44.75 -2.37 -0.57	38.95 -2.59 -0.44	34.34 -2.24 -1.06	33.56 -1.04 -0.06	32.54 -1.01 -0.01
INDECK___OSWEGO 23783	28.81 -0.41 0.00	27.36 -0.42 0.00	27.13 -0.41 0.00	27.32 -0.45 0.00	28.55 -0.49 0.00	32.66 -0.63 0.00	44.61 -1.19 0.00	50.63 -1.25 0.00	40.00 -1.02 0.00	33.17 -0.82 0.00	31.69 -0.81 0.00	29.62 -0.79 0.00	29.39 -0.81 0.00	29.56 -0.82 0.00	31.84 -0.92 0.00	33.69 -1.00 -0.40	44.75 -1.28 -0.33	58.17 -1.63 -1.70	53.03 -1.45 -0.68	45.63 -1.30 -0.38	40.20 -1.19 -0.29	35.18 -0.99 -0.65	33.64 -0.93 -0.04	32.77 -0.77 -0.01
INDECK___YERKES 23781	29.72 0.50 0.00	28.11 0.33 0.00	27.98 0.44 0.00	27.90 0.14 0.00	28.96 -0.09 0.00	32.86 -0.43 0.00	44.07 -1.74 0.00	50.94 -0.93 0.00	40.74 -0.29 0.00	33.65 -0.34 0.00	32.14 -0.36 0.00	30.11 -0.30 0.00	29.42 -0.79 0.00	29.65 -0.73 0.00	31.54 -1.21 0.00	32.77 -2.09 -0.57	43.67 -2.47 -0.44	56.21 -4.12 -2.24	51.26 -3.44 -0.90	44.13 -2.93 -0.51	38.82 -2.67 -0.39	34.22 -2.27 -0.98	32.45 -2.14 -0.05	31.67 -1.88 -0.01
INDIAN POINT_GT_1 24139	30.22 0.99 0.00	28.78 1.00 0.00	28.48 0.94 0.00	28.73 0.97 0.00	30.09 1.05 0.00	34.46 1.17 0.00	48.00 2.20 0.00	54.26 2.39 0.00	42.88 1.85 0.00	35.65 1.67 0.00	34.03 1.53 0.00	31.99 1.58 0.00	31.81 1.60 0.00	31.96 1.58 0.00	34.52 1.77 0.00	38.47 1.92 -2.26	50.04 2.47 -1.87	71.02 3.20 -9.74	60.50 2.80 -3.90	51.17 2.42 -2.20	44.82 2.05 -1.67	41.14 1.88 -3.74	36.50 1.76 -0.21	34.91 1.34 -0.03
INDIAN POINT_GT_2 23659	30.22 0.99 0.00	28.78 1.00 0.00	28.48 0.94 0.00	28.73 0.97 0.00	30.09 1.05 0.00	34.46 1.17 0.00	48.00 2.20 0.00	54.26 2.39 0.00	42.88 1.85 0.00	35.65 1.67 0.00	34.03 1.53 0.00	31.99 1.58 0.00	31.81 1.60 0.00	31.96 1.58 0.00	34.52 1.77 0.00	38.47 1.92 -2.26	50.04 2.47 -1.87	71.02 3.20 -9.74	60.50 2.80 -3.90	51.17 2.42 -2.20	44.82 2.05 -1.67	41.14 1.88 -3.74	36.50 1.76 -0.21	34.91 1.34 -0.03
INDIAN POINT_GT_3 24019	30.22 0.99 0.00	28.78 1.00 0.00	28.48 0.94 0.00	28.73 0.97 0.00	30.09 1.05 0.00	34.46 1.17 0.00	48.00 2.20 0.00	54.26 2.39 0.00	42.88 1.85 0.00	35.65 1.67 0.00	34.03 1.53 0.00	31.99 1.58 0.00	31.81 1.60 0.00	31.96 1.58 0.00	34.52 1.77 0.00	38.47 1.92 -2.26	50.04 2.47 -1.87	71.02 3.20 -9.74	60.50 2.80 -3.90	51.17 2.42 -2.20	44.82 2.05 -1.67	41.14 1.88 -3.74	36.50 1.76 -0.21	34.91 1.34 -0.03
INDIAN POINT___2 23530	30.16 0.93 0.00	28.72 0.95 0.00	28.37 0.83 0.00	28.65 0.89 0.00	30.06 1.02 0.00	34.39 1.10 0.00	47.87 2.06 0.00	54.10 2.23 0.00	42.71 1.68 0.00	35.55 1.56 0.00	33.93 1.43 0.00	31.90 1.49 0.00	31.72 1.51 0.00	31.86 1.49 0.00	34.42 1.67 0.00	38.28 1.78 -2.21	49.85 2.33 -1.83	70.61 3.02 -9.50	60.19 2.58 -3.81	50.93 2.23 -2.14	44.66 1.93 -1.63	40.94 1.78 -3.65	36.43 1.69 -0.20	34.91 1.34 -0.03
INDIAN POINT___3 23531	30.30 1.08 0.00	28.86 1.08 0.00	28.54 0.99 0.00	28.82 1.05 0.00	30.18 1.13 0.00	34.56 1.27 0.00	48.10 2.29 0.00	54.36 2.49 0.00	42.92 1.89 0.00	35.72 1.73 0.00	34.16 1.66 0.00	32.09 1.67 0.00	31.93 1.72 0.00	32.05 1.67 0.00	34.65 1.90 0.00	38.58 1.99 -2.30	50.11 2.51 -1.90	71.24 3.25 -9.90	60.62 2.85 -3.97	51.25 2.47 -2.23	44.93 2.14 -1.69	41.27 1.95 -3.80	36.57 1.83 -0.21	34.88 1.31 -0.04
INGHAM_C_115KV_TB7 356103	30.01 0.79 0.00	28.50 0.72 0.00	28.29 0.74 0.00	28.54 0.78 0.00	29.89 0.84 0.00	34.33 1.03 0.00	47.09 1.28 0.00	53.79 1.92 0.00	42.55 1.52 0.00	35.25 1.26 0.00	33.57 1.07 0.00	31.36 0.94 0.00	31.14 0.94 0.00	31.29 0.91 0.00	33.74 0.98 0.00	35.46 1.10 -0.07	47.35 1.60 -0.06	60.43 2.03 -0.30	55.97 2.04 -0.12	48.34 1.72 -0.07	42.71 1.56 -0.05	36.77 1.14 -0.12	35.78 1.24 -0.01	34.74 1.21 0.00
IP CORINTH___1 23988	31.24 2.02 0.00	29.70 1.92 0.00	29.45 1.90 0.00	29.71 1.94 0.00	31.14 2.09 0.00	35.93 2.63 0.00	49.75 3.94 0.00	56.18 4.31 0.00	44.35 3.32 0.00	36.40 2.41 0.00	34.78 2.28 0.00	32.42 2.01 0.00	32.26 2.05 0.00	32.41 2.04 0.00	35.15 2.39 0.00	38.77 1.65 -2.83	50.37 2.33 -2.34	73.23 2.96 -12.18	61.59 2.91 -4.88	51.62 2.33 -2.75	45.15 1.97 -2.08	41.83 1.63 -4.68	36.45 1.66 -0.26	36.16 2.58 -0.04
IP___TICONDEROGA 23804	32.70 3.48 0.00	31.06 3.28 0.00	30.82 3.28 0.00	31.09 3.33 0.00	32.62 3.57 0.00	37.86 4.56 0.00	52.49 6.69 0.00	59.39 7.52 0.00	46.90 5.87 0.00	38.27 4.28 0.00	36.53 4.03 0.00	34.00 3.59 0.00	33.80 3.59 0.00	33.96 3.58 0.00	36.91 4.16 0.00	40.99 3.87 -2.83	53.79 5.76 -2.34	77.63 7.38 -12.16	65.73 7.05 -4.88	55.07 5.77 -2.74	48.15 4.97 -2.08	44.10 3.91 -4.67	38.56 3.76 -0.26	38.00 4.43 -0.04
ISLIP_RES_REC 323679	31.94 2.72 0.00	29.94 2.17 0.00	29.55 2.01 0.00	29.90 2.14 0.00	31.57 2.53 0.00	36.71 3.23 -0.19	50.71 4.40 -0.50	56.37 4.46 -0.04	46.93 3.94 -1.96	37.89 3.87 -0.02	36.37 3.58 -0.29	34.39 3.53 -0.45	34.07 3.47 -0.39	34.35 3.52 -0.46	38.88 3.77 -2.36	50.16 3.98 -11.89	56.53 5.21 -5.63	74.62 6.56 -9.97	65.72 5.97 -5.95	62.15 5.26 -10.34	55.97 4.48 -10.39	53.99 4.19 -14.28	46.90 3.87 -8.50	37.59 3.75 -0.30
JAMAICA__27_KV_LOAD 355505	30.33 1.11 0.00	28.89 1.11 0.00	28.56 1.02 0.00	28.79 1.03 0.00	30.21 1.16 0.00	34.66 1.37 0.00	48.42 2.61 0.00	54.83 2.96 0.00	43.49 2.46 0.00	36.20 2.21 0.00	34.48 1.98 0.00	32.39 1.98 0.00	32.23 2.02 0.00	32.32 1.94 0.00	34.98 2.23 0.00	38.98 2.40 -2.29	50.70 3.11 -1.90	72.08 4.12 -9.86	61.36 3.60 -3.95	51.94 3.17 -2.22	45.46 2.67 -1.69	41.69 2.38 -3.79	36.99 2.24 -0.21	35.18 1.61 -0.04
JANIS___SOLAR 323808	31.12 1.90 0.00	29.50 1.72 0.00	29.28 1.74 0.00	29.46 1.69 0.00	30.82 1.77 0.00	35.29 2.00 0.00	48.74 2.93 0.00	55.76 3.89 0.00	43.66 2.63 0.00	35.99 2.00 0.00	34.13 1.62 0.00	31.72 1.31 0.00	31.38 1.18 0.00	31.59 1.22 0.00	34.13 1.38 0.00	36.72 1.58 -0.85	49.09 2.70 -0.70	65.31 3.60 -3.62	58.80 3.55 -1.45	50.25 2.89 -0.82	44.10 2.38 -0.62	38.83 1.92 -1.40	36.44 1.83 -0.08	35.16 1.61 -0.01

JARVIS____ 23743	29.16 -0.06 0.00	27.75 -0.03 0.00	27.52 -0.03 0.00	27.73 -0.03 0.00	29.04 0.00 0.00	33.36 0.07 0.00	45.99 0.18 0.00	52.08 0.21 0.00	41.23 0.21 0.00	34.13 0.14 0.00	32.60 0.10 0.00	30.47 0.06 0.00	30.30 0.09 0.00	30.44 0.06 0.00	32.82 0.07 0.00	34.50 0.14 -0.07	45.98 0.23 -0.06	58.74 0.35 -0.30	54.25 0.32 -0.12	46.90 0.28 -0.07	41.40 0.25 -0.05	35.81 0.18 -0.12	34.68 0.14 -0.01	33.67 0.13 0.00
JENNISON____1 23625	31.21 1.99 0.00	29.61 1.83 0.00	29.36 1.82 0.00	29.57 1.80 0.00	30.96 1.92 0.00	35.43 2.13 0.00	49.06 3.25 0.00	56.13 4.25 0.00	44.02 3.00 0.00	36.37 2.38 0.00	34.52 2.02 0.00	32.12 1.70 0.00	31.78 1.57 0.00	31.96 1.58 0.00	34.49 1.74 0.00	37.23 1.92 -1.02	49.60 3.06 -0.84	66.35 3.89 -4.37	59.37 3.82 -1.75	50.70 3.17 -0.99	44.48 2.63 -0.75	39.34 2.13 -1.69	36.60 1.97 -0.09	35.43 1.88 -0.02
JENNISON____2 23626	31.21 1.99 0.00	29.61 1.83 0.00	29.36 1.82 0.00	29.57 1.80 0.00	30.96 1.92 0.00	35.43 2.13 0.00	49.06 3.25 0.00	56.13 4.25 0.00	44.02 3.00 0.00	36.37 2.38 0.00	34.52 2.02 0.00	32.12 1.70 0.00	31.78 1.57 0.00	31.96 1.58 0.00	34.49 1.74 0.00	37.23 1.92 -1.02	49.60 3.06 -0.84	66.35 3.89 -4.37	59.37 3.82 -1.75	50.70 3.17 -0.99	44.48 2.63 -0.75	39.34 2.13 -1.69	36.60 1.97 -0.09	35.43 1.88 -0.02
JERICHO_RISE_WT_PWR 323719	27.18 -2.05 0.00	25.86 -1.92 0.00	25.86 -1.68 0.00	25.90 -1.86 0.00	27.53 -1.51 0.00	33.07 -0.23 0.00	46.67 0.87 0.00	52.19 0.31 0.00	41.97 0.94 0.00	34.47 0.48 0.00	33.25 0.75 0.00	30.51 0.09 0.00	30.33 0.12 0.00	30.56 0.18 0.00	33.18 0.42 0.00	35.61 1.23 -0.08	47.13 1.37 -0.07	61.06 2.62 -0.35	56.31 2.36 -0.14	48.63 2.00 -0.08	43.87 2.71 -0.06	37.18 1.53 -0.14	35.30 0.76 -0.01	34.61 1.07 0.00
KATONAH____115KV_46KV_TB4 355592	30.48 1.26 0.00	29.03 1.25 0.00	28.67 1.13 0.00	28.96 1.19 0.00	30.29 1.25 0.00	34.70 1.40 0.00	48.37 2.57 0.00	54.88 3.01 0.00	43.37 2.34 0.00	36.03 2.04 0.00	34.35 1.85 0.00	32.21 1.79 0.00	32.08 1.87 0.00	32.20 1.82 0.00	34.82 2.06 0.00	38.87 2.26 -2.32	50.68 3.06 -1.92	71.95 3.89 -9.96	61.35 3.55 -3.99	51.82 3.03 -2.25	45.35 2.55 -1.70	41.62 2.27 -3.83	36.82 2.07 -0.21	35.15 1.58 -0.04
KCE_NY_1 323755	30.86 1.64 0.00	29.33 1.55 0.00	29.06 1.51 0.00	29.34 1.58 0.00	30.76 1.71 0.00	35.36 2.07 0.00	48.88 3.07 0.00	55.30 3.42 0.00	43.69 2.67 0.00	35.93 1.94 0.00	34.35 1.85 0.00	32.12 1.70 0.00	31.99 1.78 0.00	32.14 1.76 0.00	34.82 2.06 0.00	39.10 1.99 -2.82	50.87 2.83 -2.34	73.84 3.60 -12.15	62.12 3.45 -4.87	52.13 2.84 -2.74	45.64 2.47 -2.08	42.24 2.06 -4.67	36.76 1.97 -0.26	35.66 2.08 -0.04
KCE_NY_6_ESR 323823	30.01 0.79 0.00	28.39 0.61 0.00	28.23 0.69 0.00	28.20 0.44 0.00	29.28 0.23 0.00	33.26 -0.03 0.00	44.75 -1.05 0.00	51.67 -0.21 0.00	41.23 0.21 0.00	34.06 0.07 0.00	32.50 0.00 0.00	30.47 0.06 0.00	29.78 -0.42 0.00	30.01 -0.36 0.00	31.94 -0.82 0.00	33.03 -1.85 -0.59	44.00 -2.15 -0.45	56.88 -3.55 -2.34	51.78 -2.96 -0.94	44.57 -2.51 -0.53	39.04 -2.46 -0.41	34.43 -2.10 -1.01	32.86 -1.73 -0.06	32.03 -1.51 -0.01
KEDC_PORT_JEFF_GT2 24210	31.73 2.51 0.00	29.75 1.97 0.00	29.36 1.82 0.00	29.70 1.94 0.00	31.33 2.29 0.00	36.53 3.06 -0.17	50.51 4.08 -0.63	56.12 4.20 -0.04	47.21 3.73 -2.45	37.66 3.64 -0.03	36.14 3.38 -0.26	34.17 3.35 -0.41	33.85 3.29 -0.35	34.13 3.34 -0.41	39.14 3.60 -2.78	51.80 3.74 -13.77	57.01 4.75 -6.56	73.84 5.75 -9.99	65.47 5.22 -6.45	63.37 4.61 -12.21	57.18 4.07 -12.01	55.27 3.84 -15.91	48.41 3.66 -10.22	37.30 3.49 -0.28
KEDC_PORT_JEFF_GT3 24211	31.73 2.51 0.00	29.75 1.97 0.00	29.36 1.82 0.00	29.70 1.94 0.00	31.33 2.29 0.00	36.53 3.06 -0.17	50.51 4.08 -0.63	56.12 4.20 -0.04	47.21 3.73 -2.45	37.66 3.64 -0.03	36.14 3.38 -0.26	34.17 3.35 -0.41	33.85 3.29 -0.35	34.13 3.34 -0.41	39.14 3.60 -2.78	51.80 3.74 -13.77	57.01 4.75 -6.56	73.84 5.75 -9.99	65.47 5.22 -6.45	63.37 4.61 -12.21	57.18 4.07 -12.01	55.27 3.84 -15.91	48.41 3.66 -10.22	37.30 3.49 -0.28
KEDC_GLWD_GT4 24219	30.84 1.61 -0.01	29.15 1.36 -0.01	28.79 1.24 -0.01	29.10 1.33 -0.01	30.59 1.54 -0.01	36.03 1.93 -0.80	48.69 2.89 0.00	54.83 2.96 0.00	43.79 2.75 -0.01	36.51 2.52 -0.01	36.09 2.37 -1.22	34.65 2.34 -1.89	34.21 2.39 -1.62	34.61 2.34 -1.90	37.30 2.62 -1.92	41.88 2.74 -4.85	51.21 3.61 -1.91	72.38 4.41 -9.87	61.75 3.98 -3.96	53.00 3.40 -3.05	48.62 3.04 -4.48	45.47 2.77 -7.18	39.29 2.62 -2.14	36.78 2.15 -1.10
KEDC_GLWD_GT5 24220	30.84 1.61 -0.01	29.15 1.36 -0.01	28.79 1.24 -0.01	29.10 1.33 -0.01	30.59 1.54 -0.01	36.03 1.93 -0.80	48.69 2.89 0.00	54.83 2.96 0.00	43.79 2.75 -0.01	36.51 2.52 -0.01	36.09 2.37 -1.22	34.65 2.34 -1.89	34.21 2.39 -1.62	34.61 2.34 -1.90	37.30 2.62 -1.92	41.88 2.74 -4.85	51.21 3.61 -1.91	72.38 4.41 -9.87	61.75 3.98 -3.96	53.00 3.40 -3.05	48.62 3.04 -4.48	45.47 2.77 -7.18	39.29 2.62 -2.14	36.78 2.15 -1.10
KENSICO____ 23655	30.33 1.11 0.00	28.89 1.11 0.00	28.56 1.02 0.00	28.82 1.05 0.00	30.21 1.16 0.00	34.60 1.30 0.00	48.19 2.38 0.00	54.47 2.59 0.00	43.08 2.05 0.00	35.86 1.87 0.00	34.22 1.72 0.00	32.15 1.73 0.00	31.99 1.78 0.00	32.11 1.73 0.00	34.72 1.97 0.00	38.67 2.09 -2.29	50.29 2.70 -1.90	71.43 3.49 -9.85	60.82 3.07 -3.95	51.43 2.65 -2.22	45.04 2.26 -1.69	41.36 2.06 -3.78	36.68 1.93 -0.21	35.01 1.44 -0.04
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.16 0.94 0.00	28.70 0.92 0.00	28.40 0.85 0.00	28.68 0.92 0.00	30.03 0.99 0.00	34.33 1.03 0.00	47.87 2.06 0.00	54.05 2.18 0.00	42.63 1.60 0.00	35.35 1.36 0.00	33.61 1.11 0.00	31.57 1.16 0.00	31.14 0.94 0.00	31.32 0.94 0.00	33.83 1.08 0.00	37.77 1.30 -2.17	49.32 1.83 -1.80	70.00 2.56 -9.35	59.76 2.21 -3.75	50.47 1.82 -2.11	44.59 1.89 -1.60	40.74 1.63 -3.59	36.25 1.52 -0.20	34.67 1.11 -0.03
KIAC_JFK_GT1 23816	30.27 1.05 0.00	28.81 1.03 0.00	28.51 0.96 0.00	28.71 0.94 0.00	30.12 1.07 0.00	34.56 1.27 0.00	48.33 2.52 0.00	54.62 2.75 0.00	43.37 2.34 0.00	36.10 2.11 0.00	34.39 1.89 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.88 2.13 0.00	38.88 2.30 -2.29	50.56 2.97 -1.90	71.85 3.89 -9.86	61.14 3.39 -3.95	51.75 2.98 -2.22	45.33 2.55 -1.69	41.61 2.31 -3.79	36.85 2.11 -0.21	35.08 1.51 -0.04
KIAC_JFK_GT2 23817	30.27 1.05 0.00	28.81 1.03 0.00	28.51 0.96 0.00	28.71 0.94 0.00	30.12 1.07 0.00	34.56 1.27 0.00	48.33 2.52 0.00	54.62 2.75 0.00	43.37 2.34 0.00	36.10 2.11 0.00	34.39 1.89 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.88 2.13 0.00	38.88 2.30 -2.29	50.56 2.97 -1.90	71.85 3.89 -9.86	61.14 3.39 -3.95	51.75 2.98 -2.22	45.33 2.55 -1.69	41.61 2.31 -3.79	36.85 2.11 -0.21	35.08 1.51 -0.04

KIAC_JFK____ 323774	30.27 1.05 0.00	28.81 1.03 0.00	28.45 0.91 0.00	28.68 0.91 0.00	30.12 1.08 0.00	34.56 1.26 0.00	48.32 2.52 0.00	54.62 2.75 0.00	43.37 2.34 0.00	36.10 2.11 0.00	34.39 1.88 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.88 2.13 0.00	38.88 2.30 -2.29	50.56 2.97 -1.90	71.85 3.89 -9.86	61.15 3.39 -3.95	51.76 2.98 -2.22	45.33 2.55 -1.69	41.61 2.31 -3.79	36.89 2.14 -0.21	35.18 1.61 -0.04
KINTIGH____ 23543	29.19 -0.03 0.00	27.64 -0.14 0.00	27.30 -0.25 0.00	27.35 -0.42 0.00	28.55 -0.49 0.00	32.43 -0.87 0.00	43.56 -2.24 0.00	50.11 -1.76 0.00	40.00 -1.03 0.00	33.07 -0.92 0.00	31.59 -0.91 0.00	29.62 -0.79 0.00	29.06 -1.15 0.00	29.25 -1.12 0.00	31.21 -1.54 0.00	32.83 -2.02 -0.56	43.57 -2.60 -0.48	56.52 -4.07 -2.50	51.36 -3.44 -1.00	44.13 -2.98 -0.56	38.93 -2.59 -0.43	34.26 -2.17 -0.91	32.30 -2.28 -0.05	31.56 -1.98 -0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	27.70 -1.52 0.00	26.33 -1.44 0.00	26.33 -1.21 0.00	26.71 -1.05 0.00	28.03 -1.02 0.00	33.63 0.33 0.00	47.59 1.79 0.00	53.38 1.50 0.00	42.92 1.89 0.00	35.18 1.19 0.00	33.93 1.43 0.00	31.08 0.67 0.00	30.87 0.66 0.00	31.17 0.79 0.00	33.83 1.08 0.00	36.33 1.95 -0.09	48.19 2.42 -0.07	62.59 4.12 -0.37	57.66 3.71 -0.15	49.80 3.17 -0.08	44.86 3.70 -0.06	37.97 2.31 -0.14	36.13 1.59 -0.01	35.35 1.81 0.00
LACHUTE____HYDRO 323717	32.70 3.48 0.00	31.06 3.28 0.00	30.79 3.25 0.00	31.09 3.33 0.00	32.62 3.57 0.00	37.86 4.56 0.00	52.49 6.69 0.00	59.34 7.47 0.00	46.94 5.91 0.00	38.27 4.28 0.00	36.53 4.03 0.00	34.00 3.59 0.00	33.80 3.59 0.00	33.96 3.58 0.00	36.91 4.16 0.00	40.99 3.87 -2.83	53.79 5.76 -2.34	77.63 7.38 -12.16	65.72 7.05 -4.88	55.06 5.77 -2.74	48.15 4.97 -2.08	44.06 3.87 -4.67	38.59 3.80 -0.26	37.93 4.36 -0.04
LAWRNCV_115KV_TB1 80681	27.53 -1.69 0.00	26.14 -1.64 0.00	26.11 -1.43 0.00	26.46 -1.30 0.00	27.71 -1.34 0.00	33.16 -0.13 0.00	46.72 0.92 0.00	52.81 0.93 0.00	42.96 1.93 0.00	35.18 1.19 0.00	33.83 1.33 0.00	30.93 0.52 0.00	30.72 0.51 0.00	30.95 0.58 0.00	33.61 0.85 0.00	36.19 1.78 -0.11	47.85 2.06 -0.09	61.76 3.20 -0.48	57.01 3.01 -0.19	49.17 2.51 -0.11	44.47 3.29 -0.08	37.58 1.88 -0.18	35.75 1.21 -0.01	34.98 1.44 0.00
LEDERLE____ 23769	30.36 1.14 0.00	28.92 1.14 0.00	28.59 1.05 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.60 1.30 0.00	48.19 2.38 0.00	54.47 2.59 0.00	42.92 1.89 0.00	35.76 1.77 0.00	34.13 1.63 0.00	32.09 1.67 0.00	31.90 1.69 0.00	32.05 1.67 0.00	34.62 1.87 0.00	38.49 1.99 -2.21	50.08 2.56 -1.83	70.96 3.37 -9.50	60.51 2.91 -3.81	51.21 2.51 -2.14	44.86 2.14 -1.62	41.12 1.95 -3.65	36.60 1.86 -0.20	34.91 1.34 -0.03
LIGHTHSE_115KV_TB6 355974	29.02 -0.20 0.00	27.53 -0.25 0.00	27.30 -0.25 0.00	27.48 -0.28 0.00	28.78 -0.26 0.00	33.03 -0.27 0.00	45.30 -0.50 0.00	51.51 -0.36 0.00	40.62 -0.41 0.00	33.65 -0.34 0.00	32.08 -0.42 0.00	29.90 -0.52 0.00	29.60 -0.60 0.00	29.80 -0.58 0.00	32.13 -0.62 0.00	34.15 -0.51 -0.38	45.46 -0.55 -0.31	59.14 -0.58 -1.62	54.13 -0.32 -0.65	46.54 -0.37 -0.37	41.05 -0.33 -0.28	35.75 -0.39 -0.62	34.12 -0.45 -0.03	33.20 -0.34 -0.01
LINDEN COGEN____ 23786	30.18 0.96 0.00	28.78 1.00 0.00	28.43 0.88 0.00	28.65 0.89 0.00	30.06 1.02 0.00	34.39 1.10 0.00	48.00 2.20 0.00	54.21 2.34 0.00	43.00 1.97 0.00	35.86 1.87 0.00	34.22 1.72 0.00	32.18 1.76 0.00	31.99 1.78 0.00	32.11 1.73 0.00	34.69 1.93 0.00	38.68 2.09 -2.29	50.15 2.56 -1.90	71.32 3.37 -9.86	60.61 2.85 -3.95	51.24 2.47 -2.22	44.92 2.14 -1.69	41.29 1.99 -3.79	36.64 1.90 -0.21	34.91 1.34 -0.04
LINDHRST_69_KV_BK1 356055	31.65 2.43 0.00	29.70 1.92 0.00	29.34 1.79 0.00	29.68 1.92 0.00	31.28 2.24 0.00	36.50 2.76 -0.44	49.55 3.71 -0.03	56.02 4.15 0.00	44.63 3.45 -0.15	37.43 3.43 0.00	36.29 3.12 -0.67	34.56 3.10 -1.05	34.18 3.08 -0.90	34.50 3.07 -1.05	37.31 3.34 -1.21	42.95 3.50 -5.16	52.50 4.66 -2.14	73.89 5.93 -9.87	63.32 5.43 -4.09	54.76 4.75 -3.46	49.76 4.03 -4.64	47.50 3.69 -8.29	40.32 3.42 -2.37	37.05 2.88 -0.63
LIPA_MISC_IPP 23656	31.76 2.54 0.00	29.78 2.00 0.00	29.41 1.87 0.00	29.73 1.97 0.00	31.36 2.32 0.00	36.55 3.10 -0.16	50.56 4.17 -0.59	56.43 4.51 -0.04	47.00 3.69 -2.28	37.65 3.64 -0.03	36.16 3.41 -0.25	34.15 3.35 -0.39	33.83 3.29 -0.33	34.11 3.34 -0.39	38.93 3.57 -2.60	51.13 3.74 -13.10	56.87 4.94 -6.24	74.29 6.22 -9.98	65.73 5.65 -6.28	63.11 4.98 -11.58	56.78 4.23 -11.44	54.80 3.94 -15.34	47.83 3.70 -9.60	36.98 3.19 -0.27
LISF____SOLAR 323691	31.82 2.60 0.00	29.83 2.06 0.00	29.44 1.90 0.00	29.78 2.03 0.00	31.42 2.38 0.00	36.63 3.16 -0.16	50.60 4.21 -0.58	56.22 4.30 -0.04	47.11 3.82 -2.27	37.72 3.71 -0.03	36.23 3.48 -0.25	34.22 3.41 -0.40	33.90 3.35 -0.34	34.18 3.40 -0.40	39.02 3.67 -2.59	51.17 3.84 -13.04	56.98 5.07 -6.21	74.46 6.39 -9.98	65.88 5.81 -6.27	63.18 5.12 -11.51	56.84 4.35 -11.39	54.82 4.01 -15.29	47.88 3.80 -9.55	37.43 3.62 -0.27
LITTLE FALLS____HYD 24013	30.01 0.79 0.00	28.50 0.72 0.00	28.29 0.74 0.00	28.54 0.78 0.00	29.89 0.84 0.00	34.33 1.03 0.00	47.09 1.28 0.00	53.79 1.92 0.00	42.55 1.52 0.00	35.25 1.26 0.00	33.57 1.07 0.00	31.36 0.94 0.00	31.14 0.94 0.00	31.29 0.91 0.00	33.74 0.98 0.00	35.46 1.10 -0.07	47.35 1.60 -0.06	60.43 2.03 -0.30	55.97 2.04 -0.12	48.34 1.72 -0.07	42.71 1.56 -0.05	36.77 1.14 -0.12	35.78 1.24 -0.01	34.74 1.21 0.00
LITTLRIV_115KV_TB1 356100	27.82 -1.40 0.00	26.42 -1.36 0.00	26.42 -1.13 0.00	26.76 -1.00 0.00	28.06 -0.99 0.00	33.60 0.30 0.00	47.41 1.60 0.00	53.74 1.87 0.00	44.19 3.16 0.00	36.10 2.11 0.00	34.61 2.11 0.00	31.51 1.09 0.00	31.29 1.09 0.00	31.50 1.12 0.00	34.26 1.51 0.00	36.94 2.54 -0.11	49.13 3.34 -0.09	62.76 4.18 -0.49	57.98 3.98 -0.20	49.96 3.31 -0.11	45.17 3.99 -0.08	38.08 2.38 -0.19	36.24 1.69 -0.01	35.41 1.88 0.00
LI_NEWBRDGE____DRP 323616	31.00 1.78 0.01	29.13 1.36 0.01	28.78 1.24 0.01	29.11 1.36 0.01	30.66 1.63 0.01	35.49 2.16 -0.03	48.69 2.89 0.00	54.88 3.01 0.00	43.81 2.79 0.01	36.74 2.75 0.01	35.11 2.57 -0.04	33.01 2.52 -0.07	32.84 2.57 -0.06	32.97 2.52 -0.07	35.63 2.78 -0.09	41.17 2.88 -4.00	51.34 3.75 -1.90	72.66 4.71 -9.86	62.06 4.30 -3.96	53.06 3.72 -2.78	47.89 3.21 -3.59	46.08 2.91 -7.65	38.52 2.80 -1.19	35.87 2.25 -0.09
LOCKPORT_115KV_TB60_63_64 80432	29.40 0.18 0.00	27.81 0.03 0.00	27.44 -0.11 0.00	27.43 -0.33 0.00	28.64 -0.41 0.00	32.50 -0.80 0.00	43.61 -2.20 0.00	50.26 -1.61 0.00	40.25 -0.78 0.00	33.21 -0.78 0.00	31.72 -0.78 0.00	29.74 -0.67 0.00	29.09 -1.12 0.00	29.28 -1.09 0.00	31.18 -1.57 0.00	32.45 -2.40 -0.56	43.11 -3.02 -0.43	55.62 -4.71 -2.23	50.72 -3.98 -0.90	43.71 -3.35 -0.51	38.44 -3.04 -0.39	33.88 -2.59 -0.95	32.00 -2.59 -0.05	31.40 -2.15 -0.01

LOCKPORT___CC1 323769	29.40 0.18 0.00	27.83 0.06 0.00	27.71 0.17 0.00	27.65 -0.11 0.00	28.67 -0.38 0.00	32.53 -0.76 0.00	43.61 -2.20 0.00	50.26 -1.61 0.00	40.25 -0.78 0.00	33.21 -0.78 0.00	31.72 -0.78 0.00	29.74 -0.67 0.00	29.09 -1.12 0.00	29.28 -1.09 0.00	31.18 -1.57 0.00	32.38 -2.47 -0.56	43.11 -3.02 -0.43	55.56 -4.76 -2.23	50.66 -4.04 -0.90	43.66 -3.40 -0.51	38.40 -3.08 -0.39	33.85 -2.63 -0.96	32.10 -2.49 -0.05	31.36 -2.18 -0.01
LOCKPORT___CC2 323770	29.40 0.18 0.00	27.83 0.06 0.00	27.71 0.17 0.00	27.65 -0.11 0.00	28.67 -0.38 0.00	32.53 -0.76 0.00	43.61 -2.20 0.00	50.26 -1.61 0.00	40.25 -0.78 0.00	33.21 -0.78 0.00	31.72 -0.78 0.00	29.74 -0.67 0.00	29.09 -1.12 0.00	29.28 -1.09 0.00	31.18 -1.57 0.00	32.38 -2.47 -0.56	43.11 -3.02 -0.43	55.56 -4.76 -2.23	50.66 -4.04 -0.90	43.66 -3.40 -0.51	38.40 -3.08 -0.39	33.85 -2.63 -0.96	32.10 -2.49 -0.05	31.36 -2.18 -0.01
LOCKPORT___CC3 323771	29.40 0.18 0.00	27.83 0.06 0.00	27.71 0.17 0.00	27.65 -0.11 0.00	28.67 -0.38 0.00	32.53 -0.76 0.00	43.61 -2.20 0.00	50.26 -1.61 0.00	40.25 -0.78 0.00	33.21 -0.78 0.00	31.72 -0.78 0.00	29.74 -0.67 0.00	29.09 -1.12 0.00	29.28 -1.09 0.00	31.18 -1.57 0.00	32.38 -2.47 -0.56	43.11 -3.02 -0.43	55.56 -4.76 -2.23	50.66 -4.04 -0.90	43.66 -3.40 -0.51	38.40 -3.08 -0.39	33.85 -2.63 -0.96	32.10 -2.49 -0.05	31.36 -2.18 -0.01
LONG_LAKE_PHOENIX 24014	29.02 -0.20 0.00	27.53 -0.25 0.00	27.30 -0.25 0.00	27.46 -0.31 0.00	28.72 -0.32 0.00	32.86 -0.43 0.00	44.75 -1.05 0.00	50.99 -0.88 0.00	40.25 -0.78 0.00	33.38 -0.61 0.00	31.92 -0.59 0.00	29.84 -0.58 0.00	29.57 -0.63 0.00	29.77 -0.61 0.00	32.07 -0.69 0.00	33.91 -0.79 -0.41	45.03 -1.01 -0.34	58.57 -1.28 -1.76	53.32 -1.18 -0.71	45.92 -1.02 -0.40	40.45 -0.95 -0.30	35.31 -0.89 -0.68	33.85 -0.73 -0.04	32.94 -0.60 -0.01
LOVETT___3 23632	30.36 1.14 0.00	28.92 1.14 0.00	28.59 1.05 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.19 2.38 0.00	54.41 2.54 0.00	42.92 1.89 0.00	35.76 1.77 0.00	34.19 1.69 0.00	32.12 1.70 0.00	31.96 1.75 0.00	32.11 1.73 0.00	34.69 1.93 0.00	38.52 1.99 -2.24	50.06 2.51 -1.85	70.96 3.25 -9.62	60.51 2.85 -3.86	51.14 2.42 -2.17	44.84 2.10 -1.65	41.16 1.95 -3.69	36.60 1.86 -0.21	34.78 1.21 -0.03
LOVETT___4 23642	30.36 1.14 0.00	28.92 1.14 0.00	28.59 1.05 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.19 2.38 0.00	54.41 2.54 0.00	42.92 1.89 0.00	35.76 1.77 0.00	34.19 1.69 0.00	32.12 1.70 0.00	31.96 1.75 0.00	32.11 1.73 0.00	34.69 1.93 0.00	38.52 1.99 -2.24	50.06 2.51 -1.85	70.96 3.25 -9.62	60.51 2.85 -3.86	51.14 2.42 -2.17	44.84 2.10 -1.65	41.16 1.95 -3.69	36.60 1.86 -0.21	34.78 1.21 -0.03
LOVETT___5 23593	30.36 1.14 0.00	28.92 1.14 0.00	28.59 1.05 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.19 2.38 0.00	54.41 2.54 0.00	42.92 1.89 0.00	35.76 1.77 0.00	34.19 1.69 0.00	32.12 1.70 0.00	31.96 1.75 0.00	32.11 1.73 0.00	34.69 1.93 0.00	38.52 1.99 -2.24	50.06 2.51 -1.85	70.96 3.25 -9.62	60.51 2.85 -3.86	51.14 2.42 -2.17	44.84 2.10 -1.65	41.16 1.95 -3.69	36.60 1.86 -0.21	34.78 1.21 -0.03
LOWER RAQUET___HYD 24057	27.56 -1.66 0.00	26.17 -1.61 0.00	26.11 -1.43 0.00	26.18 -1.58 0.00	27.74 -1.31 0.00	33.20 -0.10 0.00	46.77 0.96 0.00	53.01 1.14 0.00	43.16 2.13 0.00	35.35 1.36 0.00	33.97 1.46 0.00	31.02 0.61 0.00	30.78 0.57 0.00	31.01 0.64 0.00	33.70 0.95 0.00	36.30 1.88 -0.12	48.08 2.28 -0.10	62.04 3.43 -0.52	57.24 3.23 -0.21	49.37 2.70 -0.12	44.60 3.41 -0.09	37.71 1.99 -0.20	35.65 1.10 -0.01	34.88 1.34 0.00
LOWER___HUDSON 24059	30.30 1.08 0.00	28.81 1.03 0.00	28.51 0.96 0.00	28.82 1.05 0.00	30.21 1.16 0.00	34.63 1.33 0.00	47.82 2.01 0.00	54.21 2.34 0.00	42.79 1.76 0.00	35.28 1.29 0.00	33.77 1.27 0.00	31.63 1.22 0.00	31.50 1.30 0.00	31.71 1.34 0.00	34.29 1.54 0.00	38.61 1.54 -2.78	50.19 2.19 -2.30	72.71 2.67 -11.95	61.17 2.58 -4.79	51.43 2.19 -2.70	45.03 1.89 -2.04	41.71 1.60 -4.59	36.34 1.56 -0.26	34.98 1.41 -0.04
LOWVILLE_115KV_TB2 356335	29.08 -0.15 0.00	27.58 -0.19 0.00	27.44 -0.11 0.00	27.71 -0.06 0.00	29.01 -0.03 0.00	33.70 0.40 0.00	46.86 1.05 0.00	53.38 1.50 0.00	42.34 1.31 0.00	34.87 0.88 0.00	33.28 0.78 0.00	30.75 0.33 0.00	30.48 0.27 0.00	30.65 0.27 0.00	33.18 0.43 0.00	35.40 0.93 -0.18	47.45 1.60 -0.15	61.26 2.38 -0.78	56.70 2.58 -0.31	48.77 2.05 -0.18	42.96 1.73 -0.13	36.78 0.96 -0.30	35.14 0.59 -0.02	34.27 0.74 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.83 1.61 0.00	29.31 1.53 0.00	29.09 1.54 0.00	29.34 1.58 0.00	30.73 1.68 0.00	35.33 2.03 0.00	48.87 3.07 0.00	55.30 3.42 0.00	43.61 2.58 0.00	35.89 1.90 0.00	34.32 1.82 0.00	32.09 1.67 0.00	31.96 1.75 0.00	32.14 1.76 0.00	34.78 2.03 0.00	39.07 1.95 -2.82	50.82 2.79 -2.34	73.78 3.54 -12.15	62.06 3.39 -4.87	52.08 2.79 -2.74	45.60 2.42 -2.08	42.24 2.06 -4.67	36.73 1.93 -0.26	35.62 2.05 -0.04
LUTHERNY_35_KV_BK2 355980	30.86 1.64 0.00	29.33 1.56 0.00	29.09 1.54 0.00	29.37 1.61 0.00	30.76 1.71 0.00	35.36 2.06 0.00	48.87 3.07 0.00	55.35 3.48 0.00	43.65 2.63 0.00	35.93 1.94 0.00	34.35 1.85 0.00	32.12 1.70 0.00	31.99 1.78 0.00	32.14 1.76 0.00	34.82 2.06 0.00	39.10 1.99 -2.82	50.87 2.83 -2.34	73.84 3.60 -12.15	62.11 3.44 -4.87	52.13 2.84 -2.74	45.64 2.47 -2.08	42.24 2.06 -4.67	36.76 1.97 -0.26	35.66 2.08 -0.04
LWR___OSWEGATCHIE_HYD 23850	27.99 -1.23 0.00	26.58 -1.19 0.00	26.50 -1.05 0.00	26.79 -0.97 0.00	28.09 -0.96 0.00	33.10 -0.20 0.00	46.49 0.69 0.00	52.70 0.83 0.00	42.38 1.35 0.00	34.77 0.78 0.00	33.31 0.81 0.00	30.60 0.18 0.00	30.33 0.12 0.00	30.56 0.18 0.00	33.15 0.39 0.00	35.58 1.13 -0.16	47.38 1.55 -0.13	61.26 2.50 -0.67	56.60 2.53 -0.27	48.75 2.05 -0.15	43.56 2.34 -0.11	37.09 1.31 -0.26	35.27 0.73 -0.01	34.44 0.91 0.00
LYONS_FALL_HYD 23570	29.37 0.15 0.00	27.89 0.11 0.00	27.71 0.17 0.00	27.93 0.17 0.00	29.30 0.26 0.00	33.86 0.57 0.00	46.95 1.15 0.00	53.53 1.66 0.00	42.38 1.35 0.00	34.94 0.95 0.00	33.34 0.84 0.00	30.90 0.49 0.00	30.63 0.42 0.00	30.80 0.43 0.00	33.28 0.52 0.00	35.39 0.93 -0.17	47.39 1.55 -0.14	61.04 2.21 -0.74	56.41 2.31 -0.30	48.58 1.86 -0.17	42.79 1.56 -0.13	36.72 0.92 -0.28	35.24 0.69 -0.02	34.11 0.57 0.00
MADISON___COUNTY_LFGE 323628	30.10 0.88 0.00	28.58 0.81 0.00	28.37 0.83 0.00	28.57 0.81 0.00	29.92 0.87 0.00	34.36 1.07 0.00	47.27 1.47 0.00	54.00 2.13 0.00	42.59 1.56 0.00	35.21 1.22 0.00	33.57 1.07 0.00	31.23 0.82 0.00	30.99 0.79 0.00	31.13 0.76 0.00	33.57 0.82 0.00	35.56 0.99 -0.27	47.47 1.55 -0.22	61.29 2.03 -1.16	56.31 2.04 -0.47	48.44 1.63 -0.26	42.69 1.40 -0.20	36.92 0.96 -0.45	35.49 0.93 -0.02	34.54 1.01 0.00

MALONE___115KV_TB1 356076	27.59 -1.64 0.00	26.22 -1.56 0.00	26.22 -1.32 0.00	26.60 -1.17 0.00	27.88 -1.16 0.00	33.43 0.13 0.00	47.27 1.47 0.00	56.07 4.20 0.00	45.62 4.60 0.00	37.29 3.30 0.00	35.85 3.35 0.00	32.54 2.13 0.00	32.29 2.08 0.00	32.53 2.16 0.00	35.37 2.62 0.00	38.09 3.70 -0.10	50.71 4.94 -0.08	65.71 7.20 -0.41	60.69 6.73 -0.17	52.41 5.77 -0.09	47.17 6.00 -0.07	39.51 3.84 -0.16	37.37 2.83 -0.01	36.65 3.12 0.00
MAPLEWOD_115KV_TB3 80458	30.01 0.79 0.00	28.53 0.75 0.00	28.29 0.74 0.00	28.57 0.81 0.00	29.89 0.84 0.00	34.26 0.97 0.00	47.36 1.56 0.00	53.64 1.76 0.00	42.38 1.35 0.00	34.98 0.99 0.00	33.48 0.98 0.00	31.36 0.94 0.00	31.23 1.03 0.00	31.44 1.06 0.00	34.00 1.24 0.00	38.39 1.34 -2.77	49.90 1.92 -2.29	72.37 2.38 -11.89	60.83 2.26 -4.77	51.14 1.91 -2.68	44.78 1.64 -2.04	41.47 1.39 -4.57	36.10 1.31 -0.25	34.65 1.07 -0.04
MAPLE_RIDGE_WT_1 323574	28.20 -1.02 0.00	26.83 -0.94 0.00	26.69 -0.85 0.00	26.87 -0.89 0.00	28.29 -0.76 0.00	33.03 -0.27 0.00	45.85 0.05 0.00	51.77 -0.10 0.00	41.28 0.25 0.00	34.06 0.07 0.00	32.66 0.16 0.00	30.32 -0.09 0.00	30.12 -0.09 0.00	30.31 -0.06 0.00	32.79 0.03 0.00	34.69 0.34 -0.05	46.06 0.32 -0.05	59.08 0.75 -0.24	54.59 0.70 -0.09	47.16 0.56 -0.05	42.00 0.86 -0.04	36.04 0.43 -0.09	34.64 0.10 -0.01	33.74 0.20 0.00
MAPLE_RIDGE_WT_2 323611	28.20 -1.02 0.00	26.83 -0.94 0.00	26.69 -0.85 0.00	26.87 -0.89 0.00	28.29 -0.76 0.00	33.03 -0.27 0.00	45.85 0.05 0.00	51.77 -0.10 0.00	41.28 0.25 0.00	34.06 0.07 0.00	32.66 0.16 0.00	30.32 -0.09 0.00	30.12 -0.09 0.00	30.31 -0.06 0.00	32.79 0.03 0.00	34.69 0.34 -0.05	46.06 0.32 -0.05	59.08 0.75 -0.24	54.59 0.70 -0.09	47.16 0.56 -0.05	42.00 0.86 -0.04	36.04 0.43 -0.09	34.64 0.10 -0.01	33.74 0.20 0.00
MARBLE_RIVER_WT_PWR 323696	27.23 -1.99 0.00	25.92 -1.86 0.00	25.92 -1.63 0.00	25.98 -1.78 0.00	27.62 -1.42 0.00	33.16 -0.13 0.00	46.81 1.01 0.00	52.44 0.57 0.00	42.18 1.15 0.00	34.63 0.64 0.00	33.41 0.91 0.00	30.66 0.24 0.00	30.45 0.24 0.00	30.71 0.33 0.00	33.34 0.59 0.00	35.78 1.41 -0.08	47.36 1.60 -0.07	61.35 2.90 -0.35	56.58 2.64 -0.14	48.86 2.23 -0.08	44.08 2.92 -0.06	37.39 1.74 -0.14	35.47 0.93 -0.01	34.78 1.24 0.00
MARSHVLE_115KV_TB1 80742	30.54 1.31 0.00	29.06 1.28 0.00	28.84 1.29 0.00	29.07 1.30 0.00	30.47 1.42 0.00	35.19 1.90 0.00	49.06 3.25 0.00	55.56 3.68 0.00	43.74 2.71 0.00	35.89 1.90 0.00	34.00 1.50 0.00	31.72 1.31 0.00	31.50 1.30 0.00	31.68 1.31 0.00	34.33 1.57 0.00	39.66 1.92 -3.44	51.65 3.11 -2.85	77.03 4.12 -14.81	63.78 4.04 -5.94	53.20 3.31 -3.34	46.43 2.79 -2.53	43.59 2.38 -5.69	36.85 2.00 -0.32	35.30 1.71 -0.05
MARSH_HILL_WT_PWR 323713	30.68 1.46 0.00	29.06 1.28 0.00	28.89 1.35 0.00	28.93 1.17 0.00	30.15 1.10 0.00	34.39 1.10 0.00	46.77 0.96 0.00	53.84 1.97 0.00	42.63 1.60 0.00	35.25 1.26 0.00	33.54 1.04 0.00	31.33 0.91 0.00	30.69 0.48 0.00	30.95 0.58 0.00	33.15 0.39 0.00	34.72 -0.28 -0.71	46.18 -0.09 -0.57	60.59 -0.47 -2.97	54.67 -0.32 -1.19	46.90 -0.32 -0.67	41.07 -0.54 -0.51	36.13 -0.57 -1.18	34.22 -0.38 -0.07	33.08 -0.47 -0.01
MCINTYRE_115KV_TB2 80467	27.91 -1.31 0.00	26.50 -1.28 0.00	26.50 -1.05 0.00	26.85 -0.92 0.00	28.14 -0.90 0.00	33.76 0.47 0.00	47.78 1.97 0.00	53.90 2.02 0.00	44.97 3.94 0.00	36.64 2.65 0.00	35.07 2.57 0.00	31.87 1.46 0.00	31.63 1.42 0.00	31.83 1.46 0.00	34.65 1.90 0.00	37.42 3.02 -0.11	49.95 4.16 -0.09	62.92 4.36 -0.47	58.19 4.20 -0.19	50.15 3.49 -0.11	45.33 4.15 -0.08	38.26 2.56 -0.18	36.37 1.83 -0.01	35.55 2.01 0.00
MECO___69_KV_BK1 80468	31.56 2.34 0.00	30.03 2.25 0.00	29.80 2.26 0.00	30.04 2.28 0.00	31.54 2.50 0.00	36.59 3.30 0.00	50.29 4.49 0.00	57.73 5.86 0.00	45.50 4.47 0.00	37.29 3.30 0.00	35.33 2.83 0.00	32.85 2.43 0.00	32.77 2.57 0.00	32.99 2.61 0.00	35.83 3.08 0.00	41.24 3.67 -3.28	54.12 5.71 -2.71	79.39 7.20 -14.10	66.18 6.73 -5.65	55.22 5.49 -3.18	48.24 4.73 -2.41	44.24 3.30 -5.42	38.25 3.42 -0.30	36.54 2.95 -0.05
MENANDS___115KV_TB5 355628	29.81 0.58 0.00	28.36 0.58 0.00	28.12 0.58 0.00	28.40 0.64 0.00	29.71 0.67 0.00	34.06 0.77 0.00	47.04 1.24 0.00	53.27 1.40 0.00	42.10 1.07 0.00	34.74 0.75 0.00	33.28 0.78 0.00	31.17 0.76 0.00	31.05 0.85 0.00	31.26 0.88 0.00	33.80 1.05 0.00	38.18 1.13 -2.76	49.58 1.60 -2.28	71.94 1.98 -11.87	60.44 1.88 -4.76	50.81 1.58 -2.68	44.49 1.36 -2.03	41.25 1.17 -4.56	35.86 1.07 -0.25	34.45 0.87 -0.04
MG INDUSTRY___DRP 24185	29.75 0.53 0.00	28.31 0.53 0.00	28.07 0.52 0.00	28.32 0.56 0.00	29.62 0.58 0.00	33.93 0.63 0.00	46.91 1.10 0.00	53.07 1.19 0.00	41.93 0.90 0.00	34.67 0.68 0.00	33.18 0.68 0.00	31.08 0.67 0.00	30.96 0.76 0.00	31.13 0.76 0.00	33.64 0.88 0.00	37.99 0.96 -2.74	49.24 1.28 -2.26	71.43 1.57 -11.77	60.03 1.51 -4.72	50.51 1.30 -2.65	44.22 1.11 -2.01	41.00 0.96 -4.52	35.72 0.93 -0.25	34.28 0.70 -0.04
MID___OSWEGATCHIE_HYD 23849	27.99 -1.23 0.00	26.58 -1.19 0.00	26.50 -1.05 0.00	26.79 -0.97 0.00	28.09 -0.96 0.00	33.10 -0.20 0.00	46.49 0.69 0.00	52.70 0.83 0.00	42.38 1.35 0.00	34.77 0.78 0.00	33.31 0.81 0.00	30.60 0.18 0.00	30.33 0.12 0.00	30.56 0.18 0.00	33.15 0.39 0.00	35.58 1.13 -0.16	47.38 1.55 -0.13	61.26 2.50 -0.67	56.60 2.53 -0.27	48.75 2.05 -0.15	43.56 2.34 -0.11	37.09 1.31 -0.26	35.27 0.73 -0.01	34.44 0.91 0.00
MID___RAQUETTE_HYD 23851	27.56 -1.67 0.00	26.17 -1.61 0.00	26.14 -1.40 0.00	26.48 -1.28 0.00	27.74 -1.31 0.00	33.20 -0.10 0.00	46.77 0.96 0.00	53.01 1.14 0.00	43.16 2.13 0.00	35.35 1.36 0.00	33.96 1.46 0.00	31.02 0.61 0.00	30.78 0.57 0.00	31.01 0.64 0.00	33.70 0.95 0.00	36.29 1.89 -0.12	48.08 2.28 -0.10	62.02 3.43 -0.50	57.23 3.23 -0.20	49.36 2.70 -0.11	44.59 3.41 -0.09	37.66 1.95 -0.19	35.82 1.28 -0.01	35.04 1.51 0.00
MILLIKEN___1 23584	30.24 1.02 0.00	28.70 0.92 0.00	28.43 0.88 0.00	28.59 0.83 0.00	29.92 0.87 0.00	34.26 0.97 0.00	47.00 1.19 0.00	53.58 1.71 0.00	42.26 1.23 0.00	35.01 1.02 0.00	33.35 0.85 0.00	31.11 0.70 0.00	30.78 0.57 0.00	30.98 0.61 0.00	33.41 0.66 0.00	35.60 0.62 -0.69	47.27 1.01 -0.57	62.38 1.34 -2.95	56.28 1.29 -1.18	48.29 1.07 -0.67	42.47 0.86 -0.51	37.33 0.67 -1.14	35.25 0.66 -0.06	34.22 0.67 -0.01
MILLIKEN___2 23585	30.24 1.02 0.00	28.70 0.92 0.00	28.43 0.88 0.00	28.59 0.83 0.00	29.92 0.87 0.00	34.26 0.97 0.00	47.00 1.19 0.00	53.58 1.71 0.00	42.26 1.23 0.00	35.01 1.02 0.00	33.35 0.85 0.00	31.11 0.70 0.00	30.78 0.57 0.00	30.98 0.61 0.00	33.41 0.66 0.00	35.60 0.62 -0.69	47.27 1.01 -0.57	62.38 1.34 -2.95	56.28 1.29 -1.18	48.29 1.07 -0.67	42.47 0.86 -0.51	37.33 0.67 -1.14	35.25 0.66 -0.06	34.22 0.67 -0.01

MILLIKEN___DIESEL 23629	30.24 1.02 0.00	28.70 0.92 0.00	28.43 0.88 0.00	28.59 0.83 0.00	29.92 0.87 0.00	34.26 0.97 0.00	47.00 1.19 0.00	53.58 1.71 0.00	42.26 1.23 0.00	35.01 1.02 0.00	33.35 0.85 0.00	31.11 0.70 0.00	30.78 0.57 0.00	30.98 0.61 0.00	33.41 0.66 0.00	35.60 0.62 -0.69	47.27 1.01 -0.57	62.38 1.34 -2.95	56.28 1.29 -1.18	48.29 1.07 -0.67	42.47 0.86 -0.51	37.33 0.67 -1.14	35.25 0.66 -0.06	34.22 0.67 -0.01
MILLSEAT___LFGE 323607	29.75 0.53 0.00	28.14 0.36 0.00	28.04 0.50 0.00	27.98 0.22 0.00	29.04 0.00 0.00	33.00 -0.30 0.00	44.52 -1.28 0.00	51.35 -0.52 0.00	41.03 0.00 0.00	33.89 -0.10 0.00	32.31 -0.19 0.00	30.23 -0.18 0.00	29.60 -0.60 0.00	29.80 -0.58 0.00	31.77 -0.98 0.00	33.13 -1.71 -0.55	44.12 -2.01 -0.43	57.08 -3.25 -2.24	52.01 -2.69 -0.90	44.82 -2.23 -0.51	39.43 -2.05 -0.39	34.65 -1.81 -0.94	32.79 -1.80 -0.05	32.03 -1.51 -0.01
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.27 1.05 0.00	28.83 1.06 0.00	28.54 0.99 0.00	28.79 1.03 0.00	30.15 1.10 0.00	34.53 1.23 0.00	48.10 2.29 0.00	54.36 2.49 0.00	42.96 1.93 0.00	35.76 1.77 0.00	34.13 1.63 0.00	32.06 1.64 0.00	31.90 1.69 0.00	32.05 1.67 0.00	34.62 1.87 0.00	38.56 1.99 -2.28	50.14 2.56 -1.89	71.21 3.31 -9.81	60.64 2.91 -3.93	51.28 2.51 -2.21	44.96 2.18 -1.68	41.24 1.95 -3.77	36.61 1.86 -0.21	34.94 1.37 -0.04
MILLWOOD_13_KV_LOAD 356217	30.36 1.14 0.00	28.92 1.14 0.00	28.59 1.05 0.00	28.84 1.08 0.00	30.21 1.16 0.00	34.60 1.30 0.00	48.19 2.38 0.00	54.57 2.70 0.00	43.12 2.09 0.00	35.86 1.87 0.00	34.22 1.72 0.00	32.12 1.70 0.00	31.96 1.75 0.00	32.11 1.73 0.00	34.72 1.97 0.00	38.66 2.09 -2.28	50.33 2.74 -1.89	71.45 3.54 -9.81	60.86 3.12 -3.93	51.46 2.70 -2.21	45.08 2.30 -1.68	41.35 2.06 -3.77	36.68 1.93 -0.21	35.01 1.44 -0.04
MODEL_CITY_ENERGY 24167	29.05 -0.17 0.00	27.50 -0.28 0.00	27.38 -0.16 0.00	27.32 -0.45 0.00	28.32 -0.72 0.00	32.13 -1.17 0.00	43.01 -2.80 0.00	49.59 -2.28 0.00	39.71 -1.31 0.00	32.77 -1.22 0.00	31.30 -1.20 0.00	29.35 -1.07 0.00	28.70 -1.51 0.00	28.92 -1.46 0.00	30.79 -1.96 0.00	31.94 -2.91 -0.56	42.56 -3.56 -0.43	54.74 -5.58 -2.22	49.96 -4.73 -0.89	43.10 -3.96 -0.51	37.91 -3.58 -0.39	33.46 -3.02 -0.96	31.69 -2.90 -0.05	30.96 -2.58 -0.01
MODERN_LFGE___ 323580	29.05 -0.17 0.00	27.50 -0.28 0.00	27.38 -0.16 0.00	27.32 -0.45 0.00	28.32 -0.72 0.00	32.13 -1.17 0.00	43.01 -2.80 0.00	49.59 -2.28 0.00	39.71 -1.31 0.00	32.77 -1.22 0.00	31.30 -1.20 0.00	29.35 -1.07 0.00	28.70 -1.51 0.00	28.92 -1.46 0.00	30.79 -1.96 0.00	31.94 -2.91 -0.56	42.56 -3.56 -0.43	54.74 -5.58 -2.22	49.96 -4.73 -0.89	43.10 -3.96 -0.51	37.91 -3.58 -0.39	33.46 -3.02 -0.96	31.69 -2.90 -0.05	30.96 -2.58 -0.01
MOHAWK_PAPER___DRP 24187	30.01 0.79 0.00	28.53 0.75 0.00	28.29 0.74 0.00	28.57 0.81 0.00	29.89 0.84 0.00	34.26 0.97 0.00	47.36 1.56 0.00	53.64 1.76 0.00	42.38 1.35 0.00	34.98 0.99 0.00	33.48 0.98 0.00	31.36 0.94 0.00	31.23 1.03 0.00	31.44 1.06 0.00	34.00 1.24 0.00	38.39 1.34 -2.77	49.90 1.92 -2.29	72.37 2.38 -11.89	60.83 2.26 -4.77	51.14 1.91 -2.68	44.78 1.64 -2.04	41.47 1.39 -4.57	36.10 1.31 -0.25	34.65 1.07 -0.04
MOHICAN___35_KV_115KV_LD 80490	31.33 2.10 0.00	29.78 2.00 0.00	29.53 1.98 0.00	29.79 2.03 0.00	31.22 2.18 0.00	36.03 2.73 0.00	49.88 4.08 0.00	56.39 4.51 0.00	44.52 3.49 0.00	36.50 2.52 0.00	34.91 2.41 0.00	32.54 2.13 0.00	32.38 2.17 0.00	32.56 2.19 0.00	35.28 2.52 0.00	39.18 2.06 -2.83	51.01 2.97 -2.34	74.03 3.78 -12.16	62.28 3.60 -4.87	52.27 2.98 -2.74	45.73 2.55 -2.08	42.25 2.06 -4.67	36.83 2.04 -0.26	36.29 2.72 -0.04
MONGAUP___HYD 23641	30.13 0.91 0.00	28.67 0.89 0.00	28.34 0.80 0.00	28.59 0.83 0.00	30.00 0.96 0.00	34.33 1.03 0.00	47.64 1.83 0.00	53.53 1.66 0.00	42.42 1.40 0.00	35.21 1.22 0.00	33.51 1.01 0.00	31.42 1.00 0.00	31.29 1.09 0.00	31.50 1.12 0.00	34.03 1.28 0.00	37.88 1.51 -2.08	49.47 2.06 -1.72	69.58 2.55 -8.93	59.59 2.21 -3.58	50.66 2.10 -2.01	44.35 1.73 -1.53	40.44 1.49 -3.43	36.17 1.45 -0.19	34.71 1.14 -0.03
MONTAUK___DIESEL 23721	32.81 3.59 0.00	30.72 2.94 0.00	30.38 2.84 0.00	30.73 2.97 0.00	32.41 3.37 0.00	37.82 4.36 -0.16	52.67 6.28 -0.59	58.55 6.64 -0.04	48.68 5.37 -2.28	38.91 4.89 -0.03	37.37 4.62 -0.25	35.31 4.50 -0.39	34.89 4.35 -0.33	35.24 4.47 -0.39	40.17 4.81 -2.60	52.49 5.11 -13.09	58.92 6.99 -6.23	77.02 8.95 -9.98	68.31 8.23 -6.27	65.33 7.22 -11.57	58.58 6.04 -11.44	56.50 5.65 -15.33	49.10 4.97 -9.59	38.19 4.39 -0.27
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.92 1.69 0.00	29.25 1.47 0.00	28.84 1.29 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.43 1.13 0.00	46.58 0.78 0.00	53.84 1.97 0.00	42.71 1.68 0.00	35.31 1.33 0.00	33.70 1.20 0.00	31.57 1.16 0.00	30.81 0.60 0.00	31.01 0.64 0.00	32.98 0.23 0.00	34.11 -0.79 -0.61	45.35 -0.82 -0.47	58.67 -1.86 -2.44	53.06 -1.72 -0.98	45.52 -1.58 -0.55	39.71 -1.81 -0.42	34.96 -1.60 -1.04	33.07 -1.52 -0.06	32.24 -1.31 -0.01
MORTIMER_115KV_TB3 55949	29.51 0.29 0.00	27.95 0.17 0.00	27.66 0.11 0.00	27.71 -0.06 0.00	28.93 -0.12 0.00	33.00 -0.30 0.00	44.80 -1.01 0.00	51.30 -0.57 0.00	40.86 -0.16 0.00	33.79 -0.20 0.00	32.27 -0.23 0.00	30.17 -0.24 0.00	29.75 -0.45 0.00	29.92 -0.46 0.00	32.00 -0.75 0.00	33.79 -1.03 -0.52	44.85 -1.28 -0.43	58.37 -1.98 -2.26	53.04 -1.67 -0.90	45.66 -1.40 -0.51	40.21 -1.27 -0.39	35.32 -1.07 -0.87	33.30 -1.28 -0.05	32.50 -1.04 -0.01
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.39 1.17 0.00	28.95 1.17 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.23 2.43 0.00	54.52 2.65 0.00	43.24 2.22 0.00	35.99 2.01 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.82 2.06 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.96	51.57 2.79 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.82 2.07 -0.21	35.11 1.54 -0.04
MUNSVILLE_WIND_PWR 323609	32.09 2.87 0.00	30.42 2.64 0.00	30.25 2.70 0.00	30.45 2.69 0.00	31.89 2.85 0.00	36.53 3.23 0.00	50.75 4.95 0.00	58.30 6.43 0.00	45.54 4.51 0.00	37.52 3.53 0.00	35.52 3.02 0.00	32.94 2.52 0.00	32.59 2.39 0.00	32.75 2.37 0.00	35.38 2.62 0.00	38.24 3.02 -0.93	51.36 4.89 -0.77	68.42 6.33 -4.00	61.69 6.29 -1.60	52.57 5.12 -0.90	46.06 4.27 -0.68	40.47 3.41 -1.55	37.83 3.21 -0.09	36.37 2.82 -0.01
N SALMON___HYD 24042	27.59 -1.64 0.00	26.22 -1.56 0.00	26.20 -1.35 0.00	26.23 -1.53 0.00	27.88 -1.16 0.00	33.43 0.13 0.00	47.27 1.47 0.00	56.13 4.25 0.00	45.62 4.59 0.00	37.29 3.30 0.00	35.85 3.35 0.00	32.54 2.13 0.00	32.29 2.08 0.00	32.53 2.16 0.00	35.38 2.62 0.00	38.12 3.70 -0.12	50.73 4.94 -0.10	65.81 7.20 -0.52	60.73 6.72 -0.21	52.44 5.77 -0.12	47.19 6.00 -0.09	39.55 3.84 -0.20	37.24 2.70 -0.01	36.52 2.98 0.00

N.AKRON__115KV_KNAPP 355671	29.78 0.56 0.00	28.17 0.39 0.00	27.82 0.28 0.00	27.79 0.03 0.00	29.04 0.00 0.00	33.03 -0.27 0.00	44.48 -1.33 0.00	51.30 -0.57 0.00	41.03 0.00 0.00	33.85 -0.14 0.00	32.31 -0.20 0.00	30.23 -0.18 0.00	29.60 -0.60 0.00	29.80 -0.58 0.00	31.74 -1.02 0.00	33.13 -1.71 -0.56	44.03 -2.10 -0.43	57.01 -3.31 -2.23	51.96 -2.74 -0.90	44.78 -2.28 -0.51	39.39 -2.10 -0.39	34.61 -1.85 -0.94	32.69 -1.90 -0.05	32.03 -1.51 -0.01
N.BELMOR_69_KV_BK1 55787	31.19 1.96 -0.01	29.32 1.53 -0.01	28.99 1.43 -0.01	29.30 1.53 -0.01	30.86 1.80 -0.01	36.67 2.33 -1.04	49.06 3.25 0.00	55.35 3.48 0.00	44.12 3.08 -0.01	36.93 2.92 -0.01	36.81 2.73 -1.58	35.58 2.71 -2.46	35.03 2.72 -2.10	35.55 2.70 -2.47	38.22 2.98 -2.49	42.81 3.12 -5.39	51.62 4.02 -1.90	73.08 5.11 -9.88	62.44 4.68 -3.96	53.83 4.05 -3.23	49.61 3.41 -5.10	46.74 3.20 -8.03	40.32 3.04 -2.75	37.40 2.45 -1.42
N.E_GEN_SANDY PD 24062	30.16 0.93 0.00	28.75 0.97 0.00	28.40 0.85 0.00	28.73 0.97 0.00	30.12 1.08 0.00	34.43 1.13 0.00	47.64 1.83 0.00	54.00 2.13 0.00	42.59 1.56 0.00	35.21 1.22 0.00	33.74 1.23 0.00	31.66 1.25 0.00	31.53 1.33 0.00	31.71 1.34 0.00	34.26 1.51 0.00	38.41 1.58 -2.54	50.27 2.19 -2.38	71.42 2.67 -10.65	62.10 2.53 -5.77	54.04 2.19 -5.30	47.46 1.89 -4.47	43.19 1.67 -6.00	39.10 1.62 -2.94	36.16 1.31 -1.32
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.33 1.11 0.00	28.89 1.11 0.00	28.56 1.02 0.00	28.82 1.05 0.00	30.21 1.16 0.00	34.60 1.30 0.00	48.14 2.34 0.00	54.36 2.49 0.00	42.88 1.85 0.00	35.69 1.70 0.00	34.13 1.63 0.00	32.09 1.67 0.00	31.90 1.69 0.00	32.05 1.67 0.00	34.62 1.87 0.00	38.47 1.95 -2.22	50.01 2.47 -1.84	70.86 3.20 -9.57	60.44 2.80 -3.84	51.13 2.42 -2.16	44.79 2.05 -1.64	41.11 1.92 -3.68	36.57 1.83 -0.20	34.81 1.24 -0.03
N.QUEENS_27_KV_LOAD 356247	30.59 1.37 0.00	29.08 1.31 0.00	28.73 1.18 0.00	28.90 1.14 0.00	30.29 1.25 0.00	34.46 1.17 0.00	47.78 1.97 0.00	54.05 2.18 0.00	42.92 1.89 0.00	35.82 1.84 0.00	34.19 1.69 0.00	32.15 1.73 0.00	31.99 1.78 0.00	32.08 1.70 0.00	34.69 1.93 0.00	38.61 2.02 -2.29	50.15 2.56 -1.90	71.32 3.37 -9.86	60.61 2.85 -3.96	51.19 2.42 -2.22	44.80 2.01 -1.69	41.22 1.92 -3.79	36.78 2.04 -0.21	35.11 1.54 -0.04
N.TROY___115KV_TB1 355778	30.30 1.08 0.00	28.81 1.03 0.00	28.56 1.02 0.00	28.84 1.08 0.00	30.21 1.16 0.00	34.63 1.33 0.00	47.82 2.02 0.00	54.21 2.33 0.00	42.75 1.72 0.00	35.28 1.29 0.00	33.77 1.27 0.00	31.63 1.22 0.00	31.50 1.30 0.00	31.71 1.34 0.00	34.29 1.54 0.00	38.61 1.54 -2.78	50.19 2.19 -2.30	72.71 2.67 -11.95	61.17 2.58 -4.79	51.43 2.19 -2.70	45.03 1.89 -2.04	41.70 1.60 -4.59	36.34 1.55 -0.26	35.02 1.44 -0.04
NARROWS_GT1_1 24228	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NARROWS_GT1_2 24229	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NARROWS_GT1_3 24230	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NARROWS_GT1_4 24231	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NARROWS_GT1_5 24232	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NARROWS_GT1_6 24233	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NARROWS_GT1_7 24234	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NARROWS_GT1_8 24235	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NARROWS_GT2_1 24236	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04

NARROWS_GT2_2 24237	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NARROWS_GT2_3 24238	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NARROWS_GT2_4 24239	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NARROWS_GT2_5 24240	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NARROWS_GT2_6 24241	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NARROWS_GT2_7 24242	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NARROWS_GT2_8 24243	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.65 1.43 0.00	29.14 1.36 0.00	28.92 1.38 0.00	29.21 1.44 0.00	30.58 1.54 0.00	35.09 1.80 0.00	48.60 2.79 0.00	54.93 3.06 0.00	43.20 2.17 0.00	35.35 1.36 0.00	33.61 1.11 0.00	31.39 0.97 0.00	31.35 1.15 0.00	31.62 1.25 0.00	34.29 1.54 0.00	38.79 1.89 -2.61	50.92 3.06 -2.16	73.38 4.07 -11.22	62.28 3.98 -4.50	52.25 3.17 -2.53	45.69 2.67 -1.92	42.03 2.20 -4.31	36.74 1.97 -0.24	35.28 1.71 -0.04
NCHELSEA_115KV_TR2 355582	30.36 1.14 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.87 1.11 0.00	30.26 1.22 0.00	34.60 1.30 0.00	48.19 2.38 0.00	54.47 2.59 0.00	43.00 1.97 0.00	35.65 1.67 0.00	33.96 1.46 0.00	31.87 1.46 0.00	31.75 1.54 0.00	31.92 1.55 0.00	34.52 1.77 0.00	38.53 1.95 -2.29	50.24 2.65 -1.89	71.42 3.49 -9.84	60.87 3.12 -3.95	51.38 2.61 -2.22	45.00 2.22 -1.68	41.29 1.99 -3.78	36.57 1.83 -0.21	34.98 1.41 -0.04
NEG CAPITAL___MECHNVIL 23645	30.80 1.58 0.00	29.28 1.50 0.00	28.98 1.43 0.00	29.29 1.53 0.00	30.70 1.65 0.00	35.29 2.00 0.00	48.78 2.98 0.00	55.24 3.37 0.00	43.62 2.59 0.00	35.86 1.87 0.00	34.32 1.82 0.00	32.09 1.67 0.00	31.96 1.75 0.00	32.14 1.76 0.00	34.79 2.03 0.00	39.12 2.02 -2.81	50.95 2.93 -2.33	73.84 3.66 -12.08	62.20 3.55 -4.85	52.21 2.93 -2.73	45.71 2.55 -2.07	42.25 2.10 -4.64	36.79 2.00 -0.26	35.59 2.01 -0.04
NEG CENTRAL_HIGH_ACRES 23767	28.93 -0.29 0.00	27.39 -0.39 0.00	27.24 -0.30 0.00	27.29 -0.47 0.00	28.43 -0.61 0.00	32.47 -0.83 0.00	44.20 -1.60 0.00	50.58 -1.29 0.00	40.17 -0.86 0.00	33.24 -0.75 0.00	31.75 -0.75 0.00	29.68 -0.73 0.00	29.30 -0.91 0.00	29.47 -0.91 0.00	31.61 -1.15 0.00	33.43 -1.37 -0.52	44.34 -1.78 -0.43	57.83 -2.50 -2.23	52.49 -2.21 -0.89	45.19 -1.86 -0.50	39.79 -1.69 -0.38	34.88 -1.49 -0.85	32.96 -1.62 -0.05	32.10 -1.44 -0.01
NEG CENTRAL___DRP 24199	29.84 0.61 0.00	28.28 0.50 0.00	28.01 0.47 0.00	28.12 0.36 0.00	29.48 0.44 0.00	33.73 0.43 0.00	45.99 0.18 0.00	52.55 0.67 0.00	41.56 0.53 0.00	34.50 0.51 0.00	32.89 0.39 0.00	30.72 0.30 0.00	30.33 0.12 0.00	30.53 0.15 0.00	32.85 0.10 0.00	34.72 -0.10 -0.53	46.05 -0.09 -0.44	60.27 -0.12 -2.29	54.61 -0.11 -0.92	46.93 -0.14 -0.52	41.41 -0.08 -0.39	36.22 -0.18 -0.88	34.37 -0.21 -0.05	33.44 -0.10 -0.01
NEG CENTRAL___INDECK 23768	30.86 1.64 0.00	29.20 1.42 0.00	29.06 1.51 0.00	29.04 1.28 0.00	30.24 1.19 0.00	34.53 1.23 0.00	47.14 1.33 0.00	54.31 2.44 0.00	42.96 1.93 0.00	35.38 1.39 0.00	33.54 1.04 0.00	31.20 0.79 0.00	30.48 0.27 0.00	30.80 0.43 0.00	33.05 0.29 0.00	34.89 -0.03 -0.63	46.62 0.41 -0.51	61.28 0.52 -2.67	55.62 0.75 -1.07	47.94 0.79 -0.60	42.01 0.45 -0.46	36.78 0.21 -1.05	34.77 0.17 -0.06	33.75 0.20 -0.01
NEG CENTRAL___SENECA 23627	30.16 0.94 0.00	28.56 0.78 0.00	28.26 0.72 0.00	28.37 0.61 0.00	29.71 0.67 0.00	34.00 0.70 0.00	46.22 0.41 0.00	53.01 1.14 0.00	42.01 0.98 0.00	34.84 0.85 0.00	33.18 0.68 0.00	30.99 0.58 0.00	30.54 0.33 0.00	30.77 0.39 0.00	33.05 0.29 0.00	34.93 0.07 -0.57	46.26 0.09 -0.47	60.65 0.12 -2.44	54.83 0.05 -0.98	47.15 0.05 -0.55	41.64 0.12 -0.42	36.38 -0.07 -0.94	34.52 -0.07 -0.05	33.54 0.00 -0.01
NEG CENTRAL___STATE_STREET 24147	29.75 0.53 0.00	28.22 0.44 0.00	27.96 0.41 0.00	28.09 0.33 0.00	29.39 0.35 0.00	33.66 0.37 0.00	46.49 0.69 0.00	52.49 0.62 0.00	41.44 0.41 0.00	34.40 0.41 0.00	32.83 0.33 0.00	30.66 0.24 0.00	30.36 0.15 0.00	30.56 0.18 0.00	32.92 0.16 0.00	34.89 0.07 -0.53	46.31 0.18 -0.43	60.58 0.23 -2.26	54.92 0.22 -0.91	47.20 0.14 -0.51	41.57 0.08 -0.39	36.70 0.32 -0.87	34.58 0.00 -0.05	33.64 0.10 -0.01

NEG MILLWOOD___DRP 24198	30.51 1.29 0.00	29.06 1.28 0.00	28.73 1.18 0.00	29.04 1.28 0.00	30.35 1.31 0.00	34.76 1.47 0.00	48.46 2.66 0.00	54.98 3.11 0.00	43.45 2.42 0.00	36.03 2.04 0.00	34.29 1.79 0.00	32.15 1.73 0.00	32.02 1.81 0.00	32.17 1.79 0.00	34.82 2.06 0.00	38.90 2.30 -2.31	50.76 3.15 -1.91	72.09 4.07 -9.93	61.50 3.71 -3.98	51.91 3.12 -2.24	45.39 2.59 -1.70	41.64 2.31 -3.82	36.82 2.07 -0.21	35.18 1.61 -0.04
NEG NORTH_FLCN_SEA 23793	27.64 -1.58 0.00	26.28 -1.50 0.00	26.31 -1.24 0.00	26.68 -1.08 0.00	28.00 -1.05 0.00	33.60 0.30 0.00	47.50 1.69 0.00	53.27 1.40 0.00	42.79 1.76 0.00	35.11 1.12 0.00	33.90 1.40 0.00	31.05 0.64 0.00	30.87 0.66 0.00	31.13 0.76 0.00	33.80 1.05 0.00	36.26 1.89 -0.09	48.05 2.28 -0.07	62.36 3.89 -0.37	57.45 3.50 -0.15	49.61 2.98 -0.08	44.74 3.58 -0.06	37.90 2.24 -0.14	36.10 1.55 -0.01	35.31 1.78 0.00
NEG NORTH_KES_CHATEGAY 23792	27.29 -1.93 0.00	25.95 -1.83 0.00	25.98 -1.57 0.00	26.35 -1.42 0.00	27.65 -1.39 0.00	33.20 -0.10 0.00	46.86 1.05 0.00	52.39 0.52 0.00	42.14 1.11 0.00	34.60 0.61 0.00	33.35 0.85 0.00	30.60 0.18 0.00	30.39 0.18 0.00	30.65 0.27 0.00	33.28 0.52 0.00	35.72 1.34 -0.09	47.32 1.55 -0.07	61.38 2.90 -0.38	56.59 2.64 -0.15	48.87 2.23 -0.09	44.08 2.92 -0.07	37.33 1.67 -0.15	35.61 1.07 -0.01	34.81 1.27 0.00
NEG NORTH___ALICE_FALLS 23915	27.70 -1.52 0.00	26.33 -1.44 0.00	26.33 -1.21 0.00	26.71 -1.05 0.00	28.03 -1.02 0.00	33.63 0.33 0.00	47.59 1.79 0.00	53.38 1.50 0.00	42.92 1.89 0.00	35.18 1.19 0.00	33.93 1.43 0.00	31.08 0.67 0.00	30.87 0.66 0.00	31.17 0.79 0.00	33.83 1.08 0.00	36.33 1.95 -0.09	48.19 2.42 -0.07	62.59 4.12 -0.37	57.66 3.71 -0.15	49.80 3.17 -0.08	44.86 3.70 -0.06	37.97 2.31 -0.14	36.13 1.59 -0.01	35.35 1.81 0.00
NEG NORTH___LWR_SARANAC 23913	27.70 -1.52 0.00	26.33 -1.44 0.00	26.33 -1.21 0.00	26.71 -1.05 0.00	28.03 -1.02 0.00	33.63 0.33 0.00	47.59 1.79 0.00	53.38 1.50 0.00	42.92 1.89 0.00	35.18 1.19 0.00	33.93 1.43 0.00	31.08 0.67 0.00	30.87 0.66 0.00	31.17 0.79 0.00	33.83 1.08 0.00	36.33 1.95 -0.09	48.19 2.42 -0.07	62.59 4.12 -0.37	57.66 3.71 -0.15	49.80 3.17 -0.08	44.86 3.70 -0.06	37.97 2.31 -0.14	36.13 1.59 -0.01	35.35 1.81 0.00
NEG NORTH___PLATTSBURG 23628	27.70 -1.52 0.00	26.33 -1.45 0.00	26.33 -1.21 0.00	26.35 -1.41 0.00	28.03 -1.02 0.00	33.63 0.33 0.00	47.59 1.78 0.00	53.38 1.51 0.00	42.92 1.89 0.00	35.18 1.19 0.00	33.93 1.43 0.00	31.08 0.67 0.00	30.87 0.66 0.00	31.16 0.79 0.00	33.83 1.08 0.00	36.33 1.95 -0.08	48.18 2.42 -0.07	62.57 4.12 -0.35	57.65 3.71 -0.14	49.80 3.17 -0.08	44.86 3.70 -0.06	37.96 2.31 -0.14	35.99 1.45 -0.01	35.31 1.78 0.00
NEG WEST_LEA_LOCKPORT 23791	29.40 0.18 0.00	27.83 0.06 0.00	27.46 -0.08 0.00	27.46 -0.31 0.00	28.67 -0.38 0.00	32.53 -0.77 0.00	43.61 -2.20 0.00	50.26 -1.61 0.00	40.25 -0.78 0.00	33.21 -0.78 0.00	31.72 -0.78 0.00	29.74 -0.67 0.00	29.09 -1.12 0.00	29.28 -1.09 0.00	31.18 -1.57 0.00	32.45 -2.40 -0.56	43.07 -3.06 -0.43	55.56 -4.76 -2.23	50.72 -3.98 -0.90	43.66 -3.40 -0.51	38.40 -3.08 -0.39	33.85 -2.63 -0.96	32.00 -2.59 -0.05	31.40 -2.15 -0.01
NEG WEST___LANCASTR 23811	30.04 0.82 0.00	28.45 0.67 0.00	28.04 0.50 0.00	28.07 0.31 0.00	29.36 0.32 0.00	33.36 0.07 0.00	45.12 -0.69 0.00	51.98 0.10 0.00	41.27 0.25 0.00	34.16 0.17 0.00	32.60 0.10 0.00	30.57 0.15 0.00	29.84 -0.36 0.00	30.07 -0.30 0.00	32.03 -0.72 0.00	32.40 -2.50 -0.61	43.20 -2.97 -0.47	56.34 -4.18 -2.43	51.01 -3.77 -0.98	44.03 -3.07 -0.55	38.27 -3.25 -0.42	33.75 -2.81 -1.03	32.52 -2.07 -0.06	32.17 -1.37 -0.01
NEG_PENN_ALLEGHNY 23528	29.98 0.76 0.00	28.44 0.67 0.00	28.23 0.69 0.00	28.40 0.64 0.00	29.65 0.61 0.00	33.90 0.60 0.00	46.58 0.78 0.00	53.01 1.14 0.00	41.85 0.82 0.00	34.67 0.68 0.00	33.09 0.59 0.00	30.96 0.55 0.00	30.60 0.39 0.00	30.80 0.43 0.00	33.18 0.42 0.00	35.48 0.21 -0.98	46.87 0.36 -0.81	62.70 0.41 -4.20	55.87 0.38 -1.69	47.83 0.33 -0.95	42.02 0.21 -0.72	37.33 0.18 -1.63	34.90 0.27 -0.09	33.75 0.20 -0.02
NEG___GEN_MONROE 24207	29.63 0.41 0.00	28.03 0.25 0.00	27.71 0.17 0.00	27.76 0.00 0.00	29.04 0.00 0.00	33.10 -0.20 0.00	44.80 -1.01 0.00	51.41 -0.47 0.00	40.91 -0.12 0.00	33.85 -0.14 0.00	32.31 -0.20 0.00	30.17 -0.24 0.00	29.69 -0.51 0.00	29.83 -0.55 0.00	31.90 -0.85 0.00	33.58 -1.23 -0.53	44.53 -1.60 -0.44	57.98 -2.38 -2.27	52.72 -1.99 -0.91	45.52 -1.54 -0.51	40.09 -1.40 -0.39	35.22 -1.17 -0.87	33.17 -1.42 -0.05	32.40 -1.14 -0.01
NEPA___ENERGY 23901	30.33 1.11 0.00	28.70 0.92 0.00	28.29 0.74 0.00	28.37 0.61 0.00	29.65 0.61 0.00	33.70 0.40 0.00	45.62 -0.18 0.00	52.39 0.52 0.00	41.56 0.53 0.00	34.40 0.41 0.00	32.83 0.33 0.00	30.81 0.40 0.00	30.12 -0.09 0.00	30.31 -0.06 0.00	32.30 -0.46 0.00	33.43 -1.47 -0.62	44.44 -1.74 -0.48	57.72 -2.85 -2.48	52.27 -2.53 -1.00	45.02 -2.09 -0.56	39.39 -2.14 -0.43	34.79 -1.78 -1.05	33.07 -1.52 -0.06	32.37 -1.17 -0.01
NEVERSink___HYD 23608	29.86 0.64 0.00	28.42 0.64 0.00	28.12 0.58 0.00	28.37 0.61 0.00	29.74 0.70 0.00	34.00 0.70 0.00	47.45 1.65 0.00	53.53 1.66 0.00	42.22 1.19 0.00	35.01 1.02 0.00	33.28 0.78 0.00	31.20 0.79 0.00	30.12 -0.09 0.00	30.31 -0.06 0.00	32.75 0.00 0.00	36.58 0.21 -2.08	47.83 0.41 -1.72	67.78 0.75 -8.94	57.92 0.54 -3.58	48.94 0.37 -2.02	44.07 1.44 -1.53	40.27 1.31 -3.43	35.90 1.17 -0.19	34.40 0.84 -0.03
NEWKRMKL_115KV_TB1 55635	29.66 0.44 0.00	28.20 0.42 0.00	27.99 0.44 0.00	28.23 0.47 0.00	29.54 0.49 0.00	33.86 0.57 0.00	46.81 1.01 0.00	53.01 1.14 0.00	41.85 0.82 0.00	34.57 0.58 0.00	33.09 0.59 0.00	30.99 0.58 0.00	30.90 0.69 0.00	31.07 0.70 0.00	33.61 0.85 0.00	38.01 0.96 -2.76	49.35 1.37 -2.29	71.65 1.68 -11.88	60.18 1.61 -4.76	50.58 1.35 -2.68	44.28 1.15 -2.03	41.04 0.96 -4.56	35.68 0.90 -0.25	34.25 0.67 -0.04
NEWTON___FALLS_HYD 23847	27.99 -1.23 0.00	26.58 -1.19 0.00	26.50 -1.05 0.00	26.79 -0.97 0.00	28.09 -0.96 0.00	33.10 -0.20 0.00	46.49 0.69 0.00	52.70 0.83 0.00	42.38 1.35 0.00	34.77 0.78 0.00	33.31 0.81 0.00	30.60 0.18 0.00	30.33 0.12 0.00	30.56 0.18 0.00	33.15 0.39 0.00	35.58 1.13 -0.16	47.38 1.55 -0.13	61.26 2.50 -0.67	56.60 2.53 -0.27	48.75 2.05 -0.15	43.56 2.34 -0.11	37.09 1.31 -0.26	35.27 0.73 -0.01	34.44 0.91 0.00
NGRID_A1_DSASP 323792	28.81 -0.41 0.00	27.25 -0.53 0.00	27.13 -0.41 0.00	27.10 -0.67 0.00	28.09 -0.96 0.00	31.83 -1.46 0.00	42.51 -3.30 0.00	48.97 -2.90 0.00	39.22 -1.80 0.00	32.39 -1.60 0.00	30.94 -1.56 0.00	29.05 -1.37 0.00	28.39 -1.81 0.00	28.61 -1.76 0.00	30.46 -2.29 0.00	31.66 -3.19 -0.56	42.10 -4.02 -0.42	54.05 -6.21 -2.18	49.35 -5.33 -0.88	42.58 -4.47 -0.50	37.49 -3.99 -0.38	33.14 -3.34 -0.97	31.34 -3.25 -0.05	30.66 -2.88 -0.01

NGRID_A2_DSASP 323793	28.81 -0.41 0.00	27.25 -0.53 0.00	27.13 -0.41 0.00	27.10 -0.67 0.00	28.09 -0.96 0.00	31.83 -1.46 0.00	42.51 -3.30 0.00	48.97 -2.90 0.00	39.22 -1.80 0.00	32.39 -1.60 0.00	30.94 -1.56 0.00	29.05 -1.37 0.00	28.39 -1.81 0.00	28.61 -1.76 0.00	30.46 -2.29 0.00	31.66 -3.19 -0.56	42.10 -4.02 -0.42	54.05 -6.21 -2.18	49.35 -5.33 -0.88	42.58 -4.47 -0.50	37.49 -3.99 -0.38	33.14 -3.34 -0.97	31.34 -3.25 -0.05	30.66 -2.88 -0.01
NGRID_A4_DSASP 323807	28.81 -0.41 0.00	27.25 -0.53 0.00	27.13 -0.41 0.00	27.10 -0.67 0.00	28.09 -0.96 0.00	31.83 -1.46 0.00	42.51 -3.30 0.00	48.97 -2.90 0.00	39.22 -1.80 0.00	32.39 -1.60 0.00	30.94 -1.56 0.00	29.05 -1.37 0.00	28.39 -1.81 0.00	28.61 -1.76 0.00	30.46 -2.29 0.00	31.66 -3.19 -0.56	42.10 -4.02 -0.42	54.05 -6.21 -2.18	49.35 -5.33 -0.88	42.58 -4.47 -0.50	37.49 -3.99 -0.38	33.14 -3.34 -0.97	31.34 -3.25 -0.05	30.66 -2.88 -0.01
NIAGARA_115E_LBMP 323715	28.87 -0.35 0.00	27.33 -0.45 0.00	27.22 -0.33 0.00	27.15 -0.61 0.00	28.14 -0.90 0.00	31.93 -1.37 0.00	42.69 -3.12 0.00	49.23 -2.64 0.00	39.39 -1.64 0.00	32.53 -1.46 0.00	31.07 -1.43 0.00	29.14 -1.28 0.00	28.52 -1.69 0.00	28.70 -1.67 0.00	30.56 -2.19 0.00	31.70 -3.15 -0.56	42.24 -3.88 -0.43	54.27 -6.04 -2.22	49.58 -5.11 -0.89	42.73 -4.33 -0.51	37.62 -3.86 -0.38	33.22 -3.27 -0.97	31.44 -3.14 -0.05	30.76 -2.78 -0.01
NIAGARA_115W_LBMP 323714	28.72 -0.50 0.00	27.17 -0.61 0.00	27.05 -0.50 0.00	27.01 -0.75 0.00	28.00 -1.04 0.00	31.73 -1.56 0.00	42.37 -3.44 0.00	48.81 -3.06 0.00	39.10 -1.93 0.00	32.29 -1.70 0.00	30.84 -1.66 0.00	28.95 -1.46 0.00	28.30 -1.90 0.00	28.52 -1.85 0.00	30.36 -2.39 0.00	31.56 -3.29 -0.56	41.96 -4.16 -0.42	53.87 -6.39 -2.17	49.19 -5.49 -0.87	42.44 -4.61 -0.50	37.37 -4.11 -0.38	33.04 -3.44 -0.97	31.24 -3.35 -0.05	30.56 -2.98 -0.01
NIAGARA_230_LBMP 323716	29.08 -0.15 0.00	27.53 -0.25 0.00	27.41 -0.14 0.00	27.37 -0.39 0.00	28.38 -0.67 0.00	32.20 -1.10 0.00	43.01 -2.80 0.00	49.54 -2.33 0.00	39.63 -1.40 0.00	32.73 -1.26 0.00	31.27 -1.24 0.00	29.35 -1.07 0.00	28.73 -1.48 0.00	28.92 -1.46 0.00	30.79 -1.96 0.00	32.00 -2.85 -0.55	42.55 -3.56 -0.41	54.69 -5.52 -2.12	49.97 -4.68 -0.85	43.08 -3.96 -0.48	37.93 -3.53 -0.37	33.49 -2.98 -0.96	31.72 -2.87 -0.05	31.03 -2.52 -0.01
NIAGARA__115KV_198_GIBSON 55903	28.72 -0.50 0.00	27.20 -0.58 0.00	26.83 -0.72 0.00	26.82 -0.94 0.00	28.00 -1.05 0.00	31.73 -1.56 0.00	42.37 -3.44 0.00	48.81 -3.06 0.00	39.10 -1.93 0.00	32.29 -1.70 0.00	30.84 -1.66 0.00	28.95 -1.46 0.00	28.30 -1.90 0.00	28.52 -1.85 0.00	30.36 -2.39 0.00	31.59 -3.26 -0.56	41.96 -4.16 -0.42	53.87 -6.39 -2.17	49.19 -5.49 -0.87	42.44 -4.61 -0.50	37.41 -4.07 -0.38	33.07 -3.41 -0.97	31.20 -3.38 -0.05	30.59 -2.95 -0.01
NIAGARA____ 23760	29.08 -0.15 0.00	27.53 -0.25 0.00	27.41 -0.14 0.00	27.37 -0.39 0.00	28.38 -0.67 0.00	32.20 -1.10 0.00	43.01 -2.80 0.00	49.54 -2.33 0.00	39.63 -1.40 0.00	32.73 -1.26 0.00	31.27 -1.24 0.00	29.35 -1.07 0.00	28.73 -1.48 0.00	28.92 -1.46 0.00	30.79 -1.96 0.00	32.00 -2.85 -0.56	42.55 -3.56 -0.42	54.73 -5.52 -2.16	49.99 -4.68 -0.87	43.08 -3.96 -0.49	37.94 -3.53 -0.38	33.50 -2.98 -0.96	31.72 -2.87 -0.05	31.03 -2.52 -0.01
NINE_MILE_1 23575	28.61 -0.62 0.00	27.17 -0.61 0.00	26.97 -0.58 0.00	27.12 -0.64 0.00	28.35 -0.70 0.00	32.47 -0.83 0.00	44.25 -1.56 0.00	50.16 -1.71 0.00	39.68 -1.35 0.00	32.90 -1.09 0.00	31.46 -1.04 0.00	29.47 -0.94 0.00	29.21 -1.00 0.00	29.37 -1.00 0.00	31.64 -1.11 0.00	33.41 -1.23 -0.35	44.34 -1.64 -0.29	57.46 -2.15 -1.51	52.42 -1.99 -0.61	45.17 -1.72 -0.34	39.84 -1.52 -0.26	34.82 -1.28 -0.58	33.39 -1.17 -0.03	32.53 -1.01 -0.01
NINE_MILE_2 23744	28.61 -0.62 0.00	27.17 -0.61 0.00	26.97 -0.58 0.00	27.12 -0.64 0.00	28.35 -0.70 0.00	32.47 -0.83 0.00	44.25 -1.56 0.00	50.16 -1.71 0.00	39.68 -1.35 0.00	32.90 -1.09 0.00	31.49 -1.01 0.00	29.47 -0.94 0.00	29.21 -1.00 0.00	29.37 -1.00 0.00	31.64 -1.11 0.00	33.41 -1.23 -0.35	44.34 -1.64 -0.29	57.45 -2.15 -1.51	52.42 -1.99 -0.60	45.17 -1.72 -0.34	39.84 -1.52 -0.26	34.82 -1.28 -0.58	33.39 -1.17 -0.03	32.53 -1.01 -0.01
NM_CAPITAL____DRP 24208	29.75 0.53 0.00	28.31 0.53 0.00	28.07 0.52 0.00	28.32 0.56 0.00	29.62 0.58 0.00	33.96 0.67 0.00	46.91 1.10 0.00	53.12 1.24 0.00	41.97 0.94 0.00	34.64 0.65 0.00	33.18 0.68 0.00	31.08 0.67 0.00	30.99 0.79 0.00	31.17 0.79 0.00	33.70 0.95 0.00	38.07 1.03 -2.75	49.44 1.46 -2.28	71.74 1.80 -11.85	60.27 1.72 -4.75	50.66 1.44 -2.67	44.36 1.23 -2.03	41.13 1.07 -4.55	35.79 1.00 -0.25	34.35 0.77 -0.04
NM_CENTRAL____DRP 24181	29.25 0.03 0.00	27.78 0.00 0.00	27.52 -0.03 0.00	27.68 -0.08 0.00	28.96 -0.09 0.00	33.10 -0.20 0.00	45.16 -0.64 0.00	51.30 -0.57 0.00	40.54 -0.49 0.00	33.68 -0.31 0.00	32.24 -0.26 0.00	30.14 -0.27 0.00	29.87 -0.33 0.00	30.04 -0.33 0.00	32.36 -0.39 0.00	34.17 -0.55 -0.43	45.32 -0.73 -0.36	58.96 -0.99 -1.85	53.63 -0.91 -0.74	46.18 -0.79 -0.42	40.63 -0.78 -0.32	35.62 -0.60 -0.71	34.05 -0.52 -0.04	33.17 -0.37 -0.01
NM_FRONTIER____DRP 24179	28.72 -0.50 0.00	27.20 -0.58 0.00	26.83 -0.72 0.00	26.82 -0.94 0.00	28.00 -1.05 0.00	31.73 -1.56 0.00	42.37 -3.44 0.00	48.81 -3.06 0.00	39.10 -1.93 0.00	32.29 -1.70 0.00	30.84 -1.66 0.00	28.95 -1.46 0.00	28.30 -1.90 0.00	28.52 -1.85 0.00	30.36 -2.39 0.00	31.59 -3.26 -0.56	41.96 -4.16 -0.42	53.87 -6.39 -2.17	49.19 -5.49 -0.87	42.44 -4.61 -0.50	37.41 -4.07 -0.38	33.07 -3.41 -0.97	31.20 -3.38 -0.05	30.59 -2.95 -0.01
NM_ST_REGIS____HYD 24053	27.53 -1.69 0.00	26.14 -1.64 0.00	26.14 -1.40 0.00	26.48 -1.28 0.00	27.77 -1.28 0.00	33.23 -0.07 0.00	46.91 1.10 0.00	53.74 1.87 0.00	43.74 2.71 0.00	35.79 1.80 0.00	34.42 1.92 0.00	31.39 0.97 0.00	31.14 0.94 0.00	31.38 1.00 0.00	34.10 1.34 0.00	36.74 2.33 -0.11	48.71 2.92 -0.09	62.87 4.30 -0.48	58.08 4.09 -0.19	50.10 3.44 -0.11	45.21 4.03 -0.08	38.12 2.42 -0.19	36.17 1.62 -0.01	35.41 1.88 0.00
NORTHPORT____1 23551	31.44 2.22 0.01	29.55 1.78 0.00	29.14 1.60 0.00	29.48 1.72 0.01	31.07 2.03 0.01	36.17 2.73 -0.14	48.92 3.12 0.00	55.09 3.22 0.00	44.00 2.96 -0.01	37.28 3.30 0.01	35.84 3.12 -0.22	33.82 3.07 -0.34	33.54 3.05 -0.29	33.78 3.07 -0.34	36.20 3.08 -0.37	41.77 3.26 -4.22	51.72 4.11 -1.91	73.07 5.11 -9.86	62.33 4.57 -3.96	53.48 4.10 -2.83	48.34 3.49 -3.75	46.53 3.27 -7.74	39.14 3.18 -1.43	36.92 3.15 -0.24
NORTHPORT____2 23552	31.44 2.22 0.01	29.55 1.78 0.00	29.14 1.60 0.00	29.48 1.72 0.01	31.07 2.03 0.01	36.17 2.73 -0.14	48.92 3.12 0.00	55.09 3.22 0.00	44.00 2.96 -0.01	37.28 3.30 0.01	35.84 3.12 -0.22	33.82 3.07 -0.34	33.54 3.05 -0.29	33.78 3.07 -0.34	36.20 3.08 -0.37	41.77 3.26 -4.22	51.72 4.11 -1.91	73.07 5.11 -9.86	62.33 4.57 -3.96	53.48 4.10 -2.83	48.34 3.49 -3.75	46.53 3.27 -7.74	39.14 3.18 -1.43	36.92 3.15 -0.24

NORTHPORT___3 23553	31.00 1.78 0.01	29.11 1.33 0.00	28.72 1.18 0.00	29.06 1.31 0.01	30.64 1.60 0.01	35.59 2.16 -0.13	49.21 3.44 0.03	55.61 3.74 0.00	44.58 3.53 -0.02	36.73 2.75 0.01	35.28 2.57 -0.21	33.30 2.56 -0.33	33.05 2.57 -0.28	33.26 2.55 -0.33	36.48 3.34 -0.38	42.07 3.46 -0.31	51.81 4.43 -1.68	73.23 5.29 -9.85	62.70 5.06 -3.84	53.30 4.37 -2.37	48.26 3.82 -3.34	46.81 3.48 -7.81	39.43 3.39 -1.51	36.25 2.48 -0.23
NORTHPORT___4 23650	31.00 1.78 0.01	29.11 1.33 0.00	28.72 1.18 0.00	29.06 1.31 0.01	30.64 1.60 0.01	35.59 2.16 -0.13	49.21 3.44 0.03	55.61 3.74 0.00	44.58 3.53 -0.02	36.73 2.75 0.01	35.28 2.57 -0.21	33.30 2.56 -0.33	33.05 2.57 -0.28	33.26 2.55 -0.33	36.48 3.34 -0.38	42.07 3.46 -0.31	51.81 4.43 -1.68	73.23 5.29 -9.85	62.70 5.06 -3.84	53.30 4.37 -2.37	48.26 3.82 -3.34	46.81 3.48 -7.81	39.43 3.39 -1.51	36.25 2.48 -0.23
NORTHPORT___IC 23718	31.44 2.22 0.01	29.55 1.78 0.00	29.14 1.60 0.00	29.48 1.72 0.01	31.07 2.03 0.01	36.17 2.73 -0.14	48.92 3.12 0.00	55.09 3.22 0.00	44.00 2.96 -0.01	37.28 3.30 0.01	35.84 3.12 -0.22	33.82 3.07 -0.34	33.54 3.05 -0.29	33.78 3.07 -0.34	36.20 3.08 -0.37	41.77 3.26 -0.22	51.72 4.11 -1.91	73.07 5.11 -9.86	62.33 4.57 -3.96	53.48 4.10 -2.83	48.34 3.49 -3.75	46.53 3.27 -7.74	39.14 3.18 -1.43	36.92 3.15 -0.24
NORTH___COUNTRY_ESR 323785	27.18 -2.05 0.00	25.86 -1.92 0.00	25.86 -1.68 0.00	25.90 -1.86 0.00	27.53 -1.51 0.00	33.07 -0.23 0.00	46.67 0.87 0.00	52.19 0.31 0.00	41.97 0.94 0.00	34.47 0.48 0.00	33.25 0.75 0.00	30.51 0.09 0.00	30.33 0.12 0.00	30.56 0.18 0.00	33.18 0.42 0.00	35.61 1.23 -0.08	47.13 1.37 -0.07	61.06 2.62 -0.35	56.31 2.36 -0.14	48.63 2.00 -0.08	43.87 2.71 -0.06	37.18 1.53 -0.14	35.30 0.76 -0.01	34.61 1.07 0.00
NPX_GEN_1385_PROXY 323591	31.29 2.07 0.01	29.55 1.78 0.00	28.97 1.43 0.00	29.31 1.55 0.01	30.93 1.89 0.01	36.00 2.56 -0.14	48.69 2.89 0.00	55.30 3.42 0.00	44.00 2.96 -0.01	37.15 3.16 0.01	35.67 2.96 -0.22	33.73 2.98 -0.34	33.39 2.90 -0.29	33.66 2.95 -0.34	36.14 3.01 -0.37	41.94 3.43 -0.22	52.63 4.75 -2.18	72.56 4.88 -9.58	62.50 4.74 -3.96	53.90 4.51 -2.83	48.76 3.91 -3.75	46.28 3.02 -7.74	39.35 3.39 -1.43	36.69 2.92 -0.24
NPX_GEN_CSC 323557	31.88 2.66 0.00	29.89 2.11 0.00	29.50 1.96 0.00	29.84 2.08 0.00	31.48 2.44 0.00	36.69 3.23 -0.16	50.84 4.44 -0.59	56.38 4.46 -0.04	47.25 3.94 -2.29	37.82 3.81 -0.03	36.29 3.54 -0.25	34.27 3.44 -0.39	33.98 3.44 -0.33	34.23 3.46 -0.39	39.09 3.73 -2.61	51.35 3.94 -13.11	57.44 5.21 -6.53	74.36 6.56 -9.71	66.11 6.02 -6.29	63.40 5.26 -11.59	57.04 4.48 -11.46	55.06 4.19 -15.36	48.02 3.87 -9.61	37.55 3.75 -0.27
NSINS_S_GLNS_FALLS 23858	31.35 2.13 0.00	29.81 2.03 0.00	29.56 2.01 0.00	29.82 2.05 0.00	31.25 2.21 0.00	36.09 2.80 0.00	49.93 4.12 0.00	56.44 4.56 0.00	44.56 3.53 0.00	36.54 2.55 0.00	34.91 2.41 0.00	32.54 2.13 0.00	32.41 2.21 0.00	32.56 2.19 0.00	35.31 2.55 0.00	39.11 1.99 -2.83	50.87 2.83 -2.34	73.86 3.60 -12.17	62.18 3.50 -4.88	52.13 2.84 -2.74	45.65 2.47 -2.08	42.14 1.95 -4.67	36.76 1.97 -0.26	36.33 2.75 -0.04
NUCOR_STEEL___DRP 24197	29.81 0.58 0.00	28.28 0.50 0.00	28.01 0.47 0.00	28.15 0.39 0.00	29.45 0.41 0.00	33.70 0.40 0.00	46.08 0.27 0.00	52.39 0.52 0.00	41.36 0.33 0.00	34.33 0.34 0.00	32.76 0.26 0.00	30.63 0.21 0.00	30.30 0.09 0.00	30.50 0.12 0.00	32.89 0.13 0.00	34.84 0.03 -0.51	46.26 0.14 -0.42	60.47 0.17 -2.21	54.79 0.11 -0.88	47.14 0.09 -0.50	41.48 0.00 -0.38	36.40 0.04 -0.85	34.58 0.00 -0.05	33.64 0.10 -0.01
NUMBER_THREE_WT_PWR 323818	29.02 -0.20 0.00	27.53 -0.25 0.00	27.38 -0.16 0.00	27.57 -0.19 0.00	28.96 -0.09 0.00	33.63 0.33 0.00	46.81 1.01 0.00	53.32 1.45 0.00	42.30 1.27 0.00	34.84 0.85 0.00	33.25 0.75 0.00	30.72 0.30 0.00	30.45 0.24 0.00	30.62 0.24 0.00	33.15 0.39 0.00	35.37 0.89 -0.18	47.40 1.55 -0.15	61.21 2.33 -0.79	56.65 2.53 -0.32	48.73 2.00 -0.18	42.92 1.69 -0.14	36.74 0.92 -0.30	35.03 0.48 -0.02	33.97 0.43 0.00
NYISO_LBMP_REFERENCE 24008	29.22 0.00 0.00	27.78 0.00 0.00	27.55 0.00 0.00	27.76 0.00 0.00	29.04 0.00 0.00	33.30 0.00 0.00	45.81 0.00 0.00	51.87 0.00 0.00	41.03 0.00 0.00	33.99 0.00 0.00	32.50 0.00 0.00	30.41 0.00 0.00	30.21 0.00 0.00	30.38 0.00 0.00	32.75 0.00 0.00	34.29 0.00 0.00	45.70 0.00 0.00	58.09 0.00 0.00	53.80 0.00 0.00	46.55 0.00 0.00	41.10 0.00 0.00	35.52 0.00 0.00	34.53 0.00 0.00	33.53 0.00 0.00
NYPA_BRENTWD___GT 24164	31.85 2.63 0.00	29.89 2.11 0.00	29.47 1.93 0.00	29.81 2.05 0.00	31.48 2.44 0.00	36.17 2.66 -0.21	49.16 3.30 -0.06	55.35 3.48 0.00	44.44 3.16 -0.25	37.49 3.50 0.00	35.85 3.02 -0.32	33.93 3.01 -0.51	33.63 2.99 -0.43	33.89 3.01 -0.51	36.67 3.14 -0.77	42.81 3.26 -5.25	52.29 4.25 -2.34	73.37 5.40 -9.87	62.89 4.90 -4.20	54.80 4.51 -3.74	49.54 3.82 -4.62	47.60 3.52 -8.57	40.21 3.28 -2.40	36.95 3.08 -0.33
NYPA_GOWANUS___GT5 24156	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NYPA_GOWANUS___GT6 24157	30.62 1.40 0.00	29.14 1.36 0.00	28.79 1.24 0.00	28.95 1.19 0.00	30.41 1.37 0.00	34.73 1.43 0.00	47.91 2.11 0.00	54.21 2.34 0.00	43.08 2.05 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.04 2.26 -1.69	41.44 2.13 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NYPA_HARLEM__RVR__GT1 24160	30.54 1.32 0.00	29.03 1.25 0.00	28.67 1.13 0.00	28.82 1.05 0.00	30.26 1.22 0.00	34.43 1.13 0.00	47.73 1.92 0.00	53.94 2.08 0.01	42.82 1.80 0.01	35.78 1.80 0.01	34.12 1.62 0.01	32.08 1.67 0.01	31.95 1.75 0.01	32.01 1.64 0.01	34.61 1.87 0.01	38.53 1.95 -2.28	50.05 2.47 -1.89	71.20 3.25 -9.86	60.49 2.74 -3.95	51.09 2.33 -2.22	44.75 1.97 -1.68	41.18 1.88 -3.78	36.75 2.00 -0.21	35.11 1.54 -0.04
NYPA_HARLEM__RVR__GT2 24161	30.54 1.32 0.00	29.03 1.25 0.00	28.67 1.13 0.00	28.82 1.05 0.00	30.26 1.22 0.00	34.43 1.13 0.00	47.73 1.92 0.00	53.94 2.08 0.01	42.82 1.80 0.01	35.78 1.80 0.01	34.12 1.62 0.01	32.08 1.67 0.01	31.95 1.75 0.01	32.01 1.64 0.01	34.61 1.87 0.01	38.53 1.95 -2.28	50.05 2.47 -1.89	71.20 3.25 -9.86	60.49 2.74 -3.95	51.09 2.33 -2.22	44.75 1.97 -1.68	41.18 1.88 -3.78	36.75 2.00 -0.21	35.11 1.54 -0.04

NYPA_KENT____GT 24152	30.57 1.34 0.00	29.09 1.31 0.00	28.73 1.18 0.00	28.93 1.17 0.00	30.35 1.31 0.00	34.69 1.40 0.00	48.00 2.20 0.00	54.31 2.44 0.00	43.12 2.09 0.00	36.06 2.07 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.09 2.30 -1.69	41.44 2.13 -3.79	36.96 2.21 -0.21	35.31 1.74 -0.04
NYPA_POUCH1____GT 24155	30.65 1.43 0.00	29.17 1.39 0.00	28.81 1.27 0.00	28.98 1.22 0.00	30.44 1.39 0.00	34.73 1.43 0.00	47.73 1.92 0.00	53.95 2.08 0.00	42.88 1.85 0.00	35.96 1.97 0.00	34.26 1.75 0.00	32.21 1.79 0.00	32.05 1.84 0.00	32.14 1.76 0.00	34.79 2.03 0.00	38.78 2.20 -2.29	50.10 2.51 -1.89	71.32 3.37 -9.86	60.60 2.85 -3.95	51.23 2.47 -2.22	44.88 2.09 -1.69	41.37 2.06 -3.79	37.02 2.28 -0.21	35.38 1.81 -0.04
NYPA_VERNON____GT2 24162	30.51 1.28 0.00	29.03 1.25 0.00	28.67 1.13 0.00	28.87 1.11 0.00	30.32 1.28 0.00	34.63 1.33 0.00	48.10 2.29 0.00	54.41 2.54 0.00	43.20 2.17 0.00	36.06 2.07 0.00	34.39 1.88 0.00	32.33 1.92 0.00	32.17 1.96 0.00	32.26 1.88 0.00	34.88 2.13 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.68 3.72 -9.86	60.93 3.17 -3.96	51.52 2.75 -2.22	45.13 2.34 -1.69	41.44 2.13 -3.79	36.89 2.14 -0.21	35.24 1.68 -0.04
NYPA_VERNON____GT3 24163	30.51 1.28 0.00	29.03 1.25 0.00	28.67 1.13 0.00	28.87 1.11 0.00	30.32 1.28 0.00	34.63 1.33 0.00	48.10 2.29 0.00	54.41 2.54 0.00	43.20 2.17 0.00	36.06 2.07 0.00	34.39 1.88 0.00	32.33 1.92 0.00	32.17 1.96 0.00	32.26 1.88 0.00	34.88 2.13 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.68 3.72 -9.86	60.93 3.17 -3.96	51.52 2.75 -2.22	45.13 2.34 -1.69	41.44 2.13 -3.79	36.89 2.14 -0.21	35.24 1.68 -0.04
NYPA____ASTORIA_CC1 323568	30.48 1.26 0.00	29.00 1.22 0.00	28.65 1.10 0.00	28.84 1.08 0.00	30.26 1.22 0.00	34.59 1.30 0.00	48.00 2.20 0.00	54.31 2.44 0.00	43.12 2.09 0.00	35.99 2.00 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.20 1.82 0.00	34.82 2.06 0.00	38.75 2.16 -2.29	50.34 2.74 -1.90	71.56 3.60 -9.86	60.82 3.07 -3.96	51.43 2.65 -2.22	45.04 2.26 -1.69	41.37 2.06 -3.79	36.85 2.11 -0.21	35.18 1.61 -0.04
NYPA____ASTORIA_CC2 323569	30.48 1.26 0.00	29.00 1.22 0.00	28.65 1.10 0.00	28.84 1.08 0.00	30.26 1.22 0.00	34.59 1.30 0.00	48.00 2.20 0.00	54.31 2.44 0.00	43.12 2.09 0.00	35.99 2.00 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.20 1.82 0.00	34.82 2.06 0.00	38.75 2.16 -2.29	50.34 2.74 -1.90	71.56 3.60 -9.86	60.82 3.07 -3.96	51.43 2.65 -2.22	45.04 2.26 -1.69	41.37 2.06 -3.79	36.85 2.11 -0.21	35.18 1.61 -0.04
NYPA____HOLTSVILL 23794	31.61 2.40 0.00	29.67 1.89 0.00	29.28 1.74 0.00	29.62 1.86 0.00	31.25 2.21 0.00	36.39 2.93 -0.16	50.20 3.80 -0.59	55.81 3.89 -0.04	46.80 3.49 -2.29	37.52 3.50 -0.03	36.03 3.28 -0.24	34.02 3.22 -0.38	33.73 3.20 -0.33	33.98 3.22 -0.39	38.79 3.44 -2.60	51.00 3.60 -13.11	56.57 4.61 -6.26	73.83 5.75 -9.98	65.37 5.28 -6.29	62.76 4.61 -11.60	56.51 3.95 -11.46	54.57 3.69 -15.36	47.67 3.52 -9.61	37.15 3.35 -0.26
NYPA____HELLGATE_GT1 24158	30.54 1.32 0.00	29.03 1.25 0.00	28.67 1.13 0.00	28.82 1.05 0.00	30.26 1.22 0.00	34.43 1.13 0.00	47.73 1.92 0.00	53.94 2.08 0.01	42.82 1.80 0.01	35.78 1.80 0.01	34.12 1.62 0.01	32.08 1.67 0.01	31.95 1.75 0.01	32.01 1.64 0.01	34.61 1.87 0.01	38.53 1.95 -2.28	50.05 2.47 -1.89	71.20 3.25 -9.86	60.49 2.74 -3.95	51.09 2.33 -2.22	44.75 1.97 -1.68	41.18 1.88 -3.78	36.75 2.00 -0.21	35.11 1.54 -0.04
NYPA____HELLGATE_GT2 24159	30.54 1.32 0.00	29.03 1.25 0.00	28.67 1.13 0.00	28.82 1.05 0.00	30.26 1.22 0.00	34.43 1.13 0.00	47.73 1.92 0.00	53.94 2.08 0.01	42.82 1.80 0.01	35.78 1.80 0.01	34.12 1.62 0.01	32.08 1.67 0.01	31.95 1.75 0.01	32.01 1.64 0.01	34.61 1.87 0.01	38.53 1.95 -2.28	50.05 2.47 -1.89	71.20 3.25 -9.86	60.49 2.74 -3.95	51.09 2.33 -2.22	44.75 1.97 -1.68	41.18 1.88 -3.78	36.75 2.00 -0.21	35.11 1.54 -0.04
NYS_BARGE____HYD 23848	29.40 0.18 0.00	27.81 0.03 0.00	27.68 0.14 0.00	27.62 -0.14 0.00	28.64 -0.41 0.00	32.50 -0.80 0.00	43.61 -2.20 0.00	50.32 -1.55 0.00	40.25 -0.78 0.00	33.24 -0.75 0.00	31.75 -0.75 0.00	29.74 -0.67 0.00	29.09 -1.12 0.00	29.28 -1.09 0.00	31.18 -1.57 0.00	32.38 -2.47 -0.56	43.16 -2.97 -0.43	55.56 -4.76 -2.23	50.72 -3.98 -0.90	43.70 -3.35 -0.51	38.44 -3.04 -0.39	33.88 -2.59 -0.95	32.10 -2.49 -0.05	31.36 -2.18 -0.01
OAK ORCHARD____HYD 24046	29.51 0.29 0.00	27.95 0.17 0.00	27.79 0.25 0.00	27.82 0.06 0.00	28.93 -0.12 0.00	33.00 -0.30 0.00	44.80 -1.01 0.00	51.30 -0.57 0.00	40.82 -0.20 0.00	33.79 -0.20 0.00	32.28 -0.23 0.00	30.17 -0.24 0.00	29.75 -0.45 0.00	29.92 -0.45 0.00	32.00 -0.75 0.00	33.79 -1.03 -0.52	44.85 -1.28 -0.43	58.31 -2.03 -2.26	53.04 -1.67 -0.90	45.66 -1.40 -0.51	40.21 -1.27 -0.39	35.32 -1.06 -0.87	33.30 -1.28 -0.05	32.54 -1.01 -0.01
OAKDALE__35_KV_LOAD 356122	29.84 0.61 0.00	28.33 0.56 0.00	28.07 0.52 0.00	28.23 0.47 0.00	29.54 0.49 0.00	33.76 0.47 0.00	46.36 0.55 0.00	52.70 0.83 0.00	41.64 0.62 0.00	34.50 0.51 0.00	32.92 0.42 0.00	30.81 0.40 0.00	30.48 0.27 0.00	30.68 0.30 0.00	33.02 0.26 0.00	35.34 0.07 -0.98	46.64 0.14 -0.81	62.39 0.12 -4.18	55.53 0.05 -1.68	47.59 0.09 -0.94	41.81 0.00 -0.72	37.14 0.00 -1.62	34.69 0.07 -0.09	33.65 0.10 -0.02
OCC_CHEM____DRP 24175	28.81 -0.41 0.00	27.25 -0.53 0.00	26.91 -0.63 0.00	26.90 -0.86 0.00	28.09 -0.96 0.00	31.83 -1.47 0.00	42.51 -3.30 0.00	48.97 -2.90 0.00	39.22 -1.81 0.00	32.39 -1.60 0.00	30.94 -1.56 0.00	29.04 -1.37 0.00	28.39 -1.81 0.00	28.61 -1.76 0.00	30.46 -2.29 0.00	31.70 -3.15 -0.56	42.10 -4.02 -0.42	54.05 -6.22 -2.18	49.35 -5.33 -0.88	42.58 -4.47 -0.50	37.49 -3.99 -0.38	33.14 -3.34 -0.97	31.27 -3.32 -0.05	30.69 -2.85 -0.01
OH_GEN_PROXY 24063	29.11 -0.12 0.00	27.56 -0.22 0.00	27.44 -0.11 0.00	27.40 -0.36 0.00	28.40 -0.64 0.00	32.23 -1.07 0.00	42.70 -2.70 0.40	50.10 -2.18 -0.40	39.76 -1.27 0.00	32.80 -1.19 0.00	31.33 -1.17 0.00	29.41 -1.00 0.00	28.79 -1.42 0.00	29.01 -1.37 0.00	30.89 -1.87 0.00	32.16 -2.71 -0.57	43.01 -3.43 -0.74	54.93 -5.29 -2.12	50.30 -4.46 -0.96	43.28 -3.82 -0.54	38.10 -3.41 -0.41	33.60 -2.88 -0.96	31.82 -2.76 -0.05	31.10 -2.45 -0.01
OLIN_CORP_DRP 24177	28.93 -0.29 0.00	27.39 -0.39 0.00	27.02 -0.52 0.00	27.01 -0.75 0.00	28.20 -0.84 0.00	32.00 -1.30 0.00	42.78 -3.02 0.00	49.28 -2.59 0.00	39.51 -1.52 0.00	32.60 -1.39 0.00	31.14 -1.37 0.00	29.20 -1.22 0.00	28.57 -1.63 0.00	28.77 -1.61 0.00	30.62 -2.13 0.00	31.87 -2.98 -0.57	42.25 -3.88 -0.43	54.51 -5.81 -2.22	49.69 -5.00 -0.90	42.87 -4.19 -0.51	37.74 -3.74 -0.39	33.33 -3.16 -0.97	31.44 -3.14 -0.05	30.86 -2.68 -0.01

OLIN_CORP_DSASP 323712	28.81 -0.41 0.00	27.25 -0.53 0.00	27.13 -0.41 0.00	27.10 -0.67 0.00	28.09 -0.96 0.00	31.83 -1.46 0.00	42.51 -3.30 0.00	48.97 -2.90 0.00	39.22 -1.80 0.00	32.39 -1.60 0.00	30.94 -1.56 0.00	29.05 -1.37 0.00	28.39 -1.81 0.00	28.61 -1.76 0.00	30.46 -2.29 0.00	31.66 -3.19 -0.56	42.10 -4.02 -0.42	54.05 -6.21 -2.18	49.35 -5.33 -0.88	42.58 -4.47 -0.50	37.49 -3.99 -0.38	33.14 -3.34 -0.97	31.34 -3.25 -0.05	30.66 -2.88 -0.01
ONEIDA_HERK_LFGE 323681	29.54 0.32 0.00	28.09 0.31 0.00	27.88 0.33 0.00	28.10 0.33 0.00	29.45 0.41 0.00	34.00 0.70 0.00	46.99 1.19 0.00	53.58 1.71 0.00	42.42 1.40 0.00	35.01 1.02 0.00	33.38 0.88 0.00	30.99 0.58 0.00	30.75 0.54 0.00	30.89 0.52 0.00	33.37 0.62 0.00	35.41 0.96 -0.16	47.38 1.55 -0.13	60.93 2.15 -0.69	56.34 2.26 -0.28	48.47 1.77 -0.16	42.74 1.52 -0.12	36.70 0.92 -0.27	35.34 0.79 -0.01	34.17 0.64 0.00
ONEIDA___115KV_TB4 55905	30.10 0.88 0.00	28.58 0.81 0.00	28.37 0.83 0.00	28.57 0.81 0.00	29.92 0.87 0.00	34.36 1.07 0.00	47.27 1.47 0.00	54.00 2.13 0.00	42.59 1.56 0.00	35.21 1.22 0.00	33.57 1.07 0.00	31.23 0.82 0.00	30.99 0.79 0.00	31.13 0.76 0.00	33.57 0.82 0.00	35.56 0.99 -0.27	47.47 1.55 -0.22	61.29 2.03 -1.16	56.31 2.04 -0.47	48.44 1.63 -0.26	42.69 1.40 -0.20	36.92 0.96 -0.45	35.49 0.93 -0.02	34.54 1.01 0.00
ONONDAGA_REF_OCCRA 23987	29.40 0.18 0.00	27.89 0.11 0.00	27.63 0.08 0.00	27.79 0.03 0.00	29.07 0.03 0.00	33.26 -0.03 0.00	45.44 -0.37 0.00	51.66 -0.21 0.00	40.82 -0.21 0.00	33.89 -0.10 0.00	32.40 -0.10 0.00	30.29 -0.12 0.00	30.02 -0.18 0.00	30.19 -0.18 0.00	32.56 -0.20 0.00	34.43 -0.34 -0.48	45.68 -0.41 -0.40	59.59 -0.58 -2.07	54.09 -0.54 -0.83	46.55 -0.47 -0.47	41.00 -0.45 -0.36	35.96 -0.36 -0.80	34.27 -0.31 -0.04	33.34 -0.20 -0.01
ONONDAGA___COGEN 23986	29.46 0.23 0.00	27.97 0.19 0.00	27.71 0.17 0.00	27.87 0.11 0.00	29.16 0.12 0.00	33.33 0.03 0.00	45.53 -0.27 0.00	51.77 -0.10 0.00	40.91 -0.12 0.00	33.96 -0.03 0.00	32.44 -0.07 0.00	30.32 -0.09 0.00	30.06 -0.15 0.00	30.22 -0.15 0.00	32.59 -0.16 0.00	34.48 -0.27 -0.47	45.76 -0.32 -0.39	59.63 -0.46 -2.01	54.17 -0.43 -0.80	46.63 -0.37 -0.45	41.07 -0.37 -0.34	35.93 -0.36 -0.77	34.33 -0.24 -0.04	33.41 -0.13 -0.01
ONTARIO___LFGE 23819	30.16 0.93 0.00	28.56 0.78 0.00	28.37 0.83 0.00	28.46 0.69 0.00	29.71 0.67 0.00	34.00 0.70 0.00	46.22 0.41 0.00	53.01 1.14 0.00	42.01 0.98 0.00	34.84 0.85 0.00	33.18 0.68 0.00	30.99 0.58 0.00	30.54 0.33 0.00	30.77 0.39 0.00	33.05 0.29 0.00	34.93 0.07 -0.57	46.26 0.09 -0.47	60.65 0.12 -2.44	54.83 0.05 -0.98	47.15 0.05 -0.55	41.64 0.12 -0.42	36.38 -0.07 -0.94	34.55 -0.03 -0.05	33.44 -0.10 -0.01
ORANGEVILLE_WT_PWR 323706	29.95 0.73 0.00	28.36 0.58 0.00	28.18 0.63 0.00	28.20 0.44 0.00	29.33 0.29 0.00	33.36 0.07 0.00	45.03 -0.78 0.00	51.87 0.00 0.00	41.23 0.21 0.00	34.09 0.10 0.00	32.53 0.03 0.00	30.47 0.06 0.00	29.81 -0.39 0.00	30.04 -0.33 0.00	32.06 -0.69 0.00	33.39 -1.54 -0.64	44.42 -1.78 -0.50	57.79 -2.90 -2.60	52.37 -2.47 -1.05	45.05 -2.09 -0.59	39.45 -2.09 -0.45	34.76 -1.85 -1.09	33.04 -1.55 -0.06	32.10 -1.44 -0.01
ORANGEVILLE___ESR 323794	29.95 0.73 0.00	28.36 0.58 0.00	28.18 0.63 0.00	28.20 0.44 0.00	29.33 0.29 0.00	33.36 0.07 0.00	45.03 -0.78 0.00	51.87 0.00 0.00	41.23 0.21 0.00	34.09 0.10 0.00	32.53 0.03 0.00	30.47 0.06 0.00	29.81 -0.39 0.00	30.04 -0.33 0.00	32.06 -0.69 0.00	33.39 -1.54 -0.64	44.42 -1.78 -0.50	57.79 -2.90 -2.60	52.37 -2.47 -1.05	45.05 -2.09 -0.59	39.45 -2.09 -0.45	34.76 -1.85 -1.09	33.04 -1.55 -0.06	32.10 -1.44 -0.01
OSWEGATCHIE___HYD 24044	28.00 -1.23 0.00	26.59 -1.19 0.00	26.47 -1.07 0.00	26.60 -1.16 0.00	28.09 -0.96 0.00	33.10 -0.20 0.00	46.49 0.69 0.00	52.70 0.83 0.00	42.38 1.35 0.00	34.77 0.78 0.00	33.31 0.81 0.00	30.60 0.18 0.00	30.33 0.12 0.00	30.56 0.18 0.00	33.15 0.39 0.00	35.58 1.13 -0.16	47.38 1.55 -0.13	61.27 2.50 -0.68	56.60 2.53 -0.27	48.75 2.05 -0.15	43.56 2.34 -0.12	37.09 1.31 -0.26	35.17 0.62 -0.01	34.31 0.77 0.00
OSWEGO___5 23606	28.84 -0.38 0.00	27.39 -0.39 0.00	27.16 -0.39 0.00	27.35 -0.42 0.00	28.58 -0.47 0.00	32.70 -0.60 0.00	44.66 -1.14 0.00	50.63 -1.25 0.00	40.04 -0.99 0.00	33.21 -0.78 0.00	31.75 -0.75 0.00	29.72 -0.70 0.00	29.45 -0.75 0.00	29.65 -0.73 0.00	31.90 -0.85 0.00	33.71 -0.96 -0.38	44.73 -1.28 -0.31	58.08 -1.63 -1.62	52.94 -1.51 -0.65	45.61 -1.30 -0.36	40.18 -1.19 -0.28	35.14 -0.99 -0.62	33.67 -0.90 -0.03	32.77 -0.77 -0.01
OSWEGO___6 23613	28.84 -0.38 0.00	27.39 -0.39 0.00	27.16 -0.39 0.00	27.35 -0.42 0.00	28.58 -0.47 0.00	32.70 -0.60 0.00	44.66 -1.14 0.00	50.63 -1.25 0.00	40.04 -0.99 0.00	33.21 -0.78 0.00	31.75 -0.75 0.00	29.72 -0.70 0.00	29.45 -0.75 0.00	29.65 -0.73 0.00	31.90 -0.85 0.00	33.71 -0.96 -0.38	44.73 -1.28 -0.31	58.08 -1.63 -1.62	52.94 -1.51 -0.65	45.61 -1.30 -0.36	40.18 -1.19 -0.28	35.14 -0.99 -0.62	33.67 -0.90 -0.03	32.77 -0.77 -0.01
OUTOKUMPU-AB___DRP 24206	29.69 0.47 0.00	28.08 0.31 0.00	27.71 0.17 0.00	27.68 -0.08 0.00	28.93 -0.12 0.00	32.83 -0.47 0.00	44.02 -1.79 0.00	50.83 -1.04 0.00	40.70 -0.33 0.00	33.62 -0.37 0.00	32.11 -0.39 0.00	30.08 -0.33 0.00	29.39 -0.82 0.00	29.62 -0.76 0.00	31.51 -1.24 0.00	32.77 -2.09 -0.57	43.57 -2.56 -0.44	56.15 -4.18 -2.24	51.21 -3.50 -0.90	44.08 -2.98 -0.51	38.77 -2.71 -0.39	34.18 -2.31 -0.98	32.31 -2.28 -0.05	31.70 -1.84 -0.01
OXBOW____ 24026	29.31 0.09 0.00	27.75 -0.03 0.00	27.63 0.08 0.00	27.57 -0.19 0.00	28.58 -0.47 0.00	32.43 -0.87 0.00	43.38 -2.43 0.00	50.06 -1.82 0.00	40.09 -0.94 0.00	33.11 -0.88 0.00	31.63 -0.88 0.00	29.65 -0.76 0.00	29.00 -1.21 0.00	29.19 -1.19 0.00	31.08 -1.67 0.00	32.32 -2.54 -0.57	43.02 -3.11 -0.43	55.31 -5.00 -2.21	50.49 -4.20 -0.89	43.47 -3.58 -0.50	38.28 -3.21 -0.38	33.75 -2.73 -0.97	31.96 -2.63 -0.05	31.23 -2.31 -0.01
OXY_CHEM_DSASP 323612	28.81 -0.41 0.00	27.25 -0.53 0.00	26.91 -0.63 0.00	26.90 -0.86 0.00	28.09 -0.96 0.00	31.83 -1.47 0.00	42.51 -3.30 0.00	48.97 -2.90 0.00	39.22 -1.81 0.00	32.39 -1.60 0.00	30.94 -1.56 0.00	29.04 -1.37 0.00	28.39 -1.81 0.00	28.61 -1.76 0.00	30.46 -2.29 0.00	31.70 -3.15 -0.56	42.10 -4.02 -0.42	54.05 -6.22 -2.18	49.35 -5.33 -0.88	42.58 -4.47 -0.50	37.49 -3.99 -0.38	33.14 -3.34 -0.97	31.27 -3.32 -0.05	30.69 -2.85 -0.01
OZONE_PARK_ESR 323760	30.57 1.34 0.00	29.08 1.31 0.00	28.78 1.24 0.00	28.98 1.22 0.00	30.41 1.37 0.00	34.83 1.53 0.00	48.60 2.79 0.00	54.93 3.06 0.00	43.61 2.58 0.00	36.30 2.31 0.00	34.61 2.11 0.00	32.54 2.13 0.00	32.35 2.14 0.00	32.47 2.10 0.00	35.11 2.36 0.00	39.09 2.50 -2.29	50.84 3.24 -1.90	72.14 4.18 -9.86	61.41 3.66 -3.95	51.94 3.17 -2.22	45.54 2.75 -1.69	41.76 2.45 -3.79	37.06 2.31 -0.21	35.35 1.78 -0.04

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.81 -0.41 0.00	27.25 -0.53 0.00	26.91 -0.63 0.00	26.90 -0.86 0.00	28.09 -0.96 0.00	31.83 -1.47 0.00	42.51 -3.30 0.00	48.97 -2.90 0.00	39.22 -1.81 0.00	32.39 -1.60 0.00	30.94 -1.56 0.00	29.04 -1.37 0.00	28.39 -1.81 0.00	28.61 -1.76 0.00	30.46 -2.29 0.00	31.70 -3.15 -0.56	42.10 -4.02 -0.42	54.05 -6.22 -2.18	49.35 -5.33 -0.88	42.58 -4.47 -0.50	37.49 -3.99 -0.38	33.14 -3.34 -0.97	31.27 -3.32 -0.05	30.69 -2.85 -0.01
PACKARD__115KV_DUPONT_184 80571	28.81 -0.41 0.00	27.25 -0.53 0.00	26.91 -0.63 0.00	26.90 -0.86 0.00	28.09 -0.96 0.00	31.83 -1.47 0.00	42.51 -3.30 0.00	48.97 -2.90 0.00	39.22 -1.81 0.00	32.39 -1.60 0.00	30.94 -1.56 0.00	29.04 -1.37 0.00	28.39 -1.81 0.00	28.61 -1.76 0.00	30.46 -2.29 0.00	31.70 -3.15 -0.56	42.10 -4.02 -0.42	54.05 -6.22 -2.18	49.35 -5.33 -0.88	42.58 -4.47 -0.50	37.49 -3.99 -0.38	33.14 -3.34 -0.97	31.27 -3.32 -0.05	30.69 -2.85 -0.01
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.54 1.31 0.00	29.06 1.28 0.00	28.70 1.16 0.00	28.90 1.14 0.00	30.26 1.22 0.00	34.50 1.20 0.00	47.78 1.97 0.00	54.10 2.23 0.00	42.96 1.93 0.00	35.82 1.84 0.00	34.16 1.66 0.00	32.12 1.70 0.00	31.96 1.75 0.00	32.05 1.67 0.00	34.65 1.90 0.00	38.61 2.02 -2.29	50.15 2.56 -1.90	71.32 3.37 -9.86	60.61 2.85 -3.96	51.24 2.47 -2.22	44.84 2.05 -1.69	41.22 1.92 -3.79	36.78 2.04 -0.21	35.15 1.58 -0.04
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.80 1.58 0.00	29.31 1.53 0.00	28.98 1.43 0.00	29.15 1.39 0.00	30.53 1.48 0.00	34.80 1.50 0.00	48.00 2.20 0.00	54.57 2.70 0.00	43.33 2.30 0.00	36.13 2.14 0.00	34.42 1.92 0.00	32.36 1.95 0.00	32.20 1.99 0.00	32.26 1.88 0.00	34.88 2.13 0.00	38.85 2.26 -2.29	50.47 2.88 -1.90	71.73 3.78 -9.86	60.98 3.23 -3.96	51.57 2.79 -2.22	45.17 2.38 -1.69	41.37 2.06 -3.79	37.06 2.31 -0.21	35.41 1.84 -0.04
PATROON__115KV_TB1 80586	29.75 0.53 0.00	28.31 0.53 0.00	28.07 0.52 0.00	28.32 0.56 0.00	29.62 0.58 0.00	34.00 0.70 0.00	46.95 1.15 0.00	53.17 1.30 0.00	42.01 0.98 0.00	34.67 0.68 0.00	33.22 0.72 0.00	31.11 0.70 0.00	30.99 0.79 0.00	31.17 0.79 0.00	33.74 0.98 0.00	38.16 1.10 -2.77	49.54 1.55 -2.29	71.92 1.92 -11.91	60.41 1.83 -4.78	50.73 1.49 -2.69	44.45 1.32 -2.04	41.16 1.07 -4.58	35.79 1.00 -0.25	34.35 0.77 -0.04
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.10 0.88 0.00	28.47 0.69 0.00	28.07 0.52 0.00	28.09 0.33 0.00	29.39 0.35 0.00	33.40 0.10 0.00	45.07 -0.73 0.00	51.98 0.10 0.00	41.40 0.37 0.00	34.23 0.24 0.00	32.66 0.16 0.00	30.63 0.21 0.00	29.90 -0.30 0.00	30.13 -0.24 0.00	32.10 -0.66 0.00	32.73 -2.16 -0.60	43.65 -2.51 -0.46	56.69 -3.78 -2.38	51.47 -3.28 -0.96	44.34 -2.75 -0.54	38.67 -2.84 -0.41	34.08 -2.45 -1.02	32.66 -1.93 -0.06	32.20 -1.34 -0.01
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.51 1.29 0.00	29.06 1.28 0.00	28.73 1.18 0.00	29.04 1.28 0.00	30.35 1.31 0.00	34.76 1.47 0.00	48.46 2.66 0.00	54.98 3.11 0.00	43.45 2.42 0.00	36.03 2.04 0.00	34.29 1.79 0.00	32.15 1.73 0.00	32.02 1.81 0.00	32.17 1.79 0.00	34.82 2.06 0.00	38.90 2.30 -2.31	50.76 3.15 -1.91	72.09 4.07 -9.93	61.50 3.71 -3.98	51.91 3.12 -2.24	45.39 2.59 -1.70	41.64 2.31 -3.82	36.82 2.07 -0.21	35.18 1.61 -0.04
PEEKSKILL____ 23653	30.22 0.99 0.00	28.78 1.00 0.00	28.43 0.88 0.00	28.71 0.94 0.00	30.09 1.04 0.00	34.46 1.16 0.00	48.00 2.20 0.00	54.26 2.39 0.00	42.88 1.85 0.00	35.65 1.67 0.00	34.03 1.53 0.00	31.99 1.58 0.00	31.81 1.60 0.00	31.95 1.58 0.00	34.52 1.77 0.00	38.44 1.88 -2.26	50.04 2.47 -1.87	71.02 3.19 -9.74	60.50 2.80 -3.90	51.16 2.42 -2.20	44.82 2.05 -1.67	41.14 1.88 -3.74	36.50 1.76 -0.21	34.94 1.38 -0.03
PGE MADISON____WINDPWR 24146	32.09 2.87 0.00	30.42 2.64 0.00	30.25 2.70 0.00	30.45 2.69 0.00	31.89 2.85 0.00	36.53 3.23 0.00	50.75 4.95 0.00	58.30 6.43 0.00	45.54 4.51 0.00	37.52 3.53 0.00	35.52 3.02 0.00	32.94 2.52 0.00	32.59 2.39 0.00	32.75 2.37 0.00	35.38 2.62 0.00	38.24 3.02 -0.93	51.36 4.89 -0.77	68.42 6.33 -4.00	61.69 6.29 -1.60	52.57 5.12 -0.90	46.06 4.27 -0.68	40.47 3.41 -1.55	37.83 3.21 -0.09	36.37 2.82 -0.01
PIERCEFIELD____HYD 23852	27.56 -1.67 0.00	26.17 -1.61 0.00	26.14 -1.40 0.00	26.48 -1.28 0.00	27.74 -1.31 0.00	33.20 -0.10 0.00	46.77 0.96 0.00	53.01 1.14 0.00	43.16 2.13 0.00	35.35 1.36 0.00	33.96 1.46 0.00	31.02 0.61 0.00	30.78 0.57 0.00	31.01 0.64 0.00	33.70 0.95 0.00	36.29 1.89 -0.12	48.08 2.28 -0.10	62.02 3.43 -0.50	57.23 3.23 -0.20	49.36 2.70 -0.11	44.59 3.41 -0.09	37.66 1.95 -0.19	35.82 1.28 -0.01	35.04 1.51 0.00
PINELAWN_CC_I 323563	31.44 2.22 0.00	29.53 1.75 0.00	29.14 1.60 0.00	29.48 1.72 0.00	31.08 2.03 0.00	36.28 2.60 -0.39	49.31 3.48 -0.03	55.56 3.68 0.00	44.47 3.32 -0.12	37.22 3.23 0.00	36.05 2.96 -0.59	34.28 2.95 -0.92	33.92 2.93 -0.79	34.22 2.92 -0.92	37.03 3.21 -1.06	42.64 3.36 -4.99	52.22 4.43 -2.09	73.60 5.63 -9.87	63.03 5.17 -4.06	54.38 4.51 -3.31	49.37 3.82 -4.45	47.24 3.52 -8.20	40.05 3.32 -2.20	37.08 2.98 -0.56
PJM_GEN_HTP_PROXY 323702	30.36 1.14 0.00	28.92 1.14 0.00	28.56 1.02 0.00	28.79 1.03 0.00	30.21 1.16 0.00	34.59 1.30 0.00	48.23 2.43 0.00	54.52 2.64 0.00	43.20 2.17 0.00	35.99 2.00 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.82 2.06 0.00	38.78 2.20 -2.29	50.71 2.83 -2.18	71.34 3.66 -9.59	60.93 3.17 -3.95	51.52 2.75 -2.22	45.13 2.34 -1.69	41.44 2.13 -3.79	36.78 2.04 -0.21	35.11 1.54 -0.04
PJM_GEN_KEystone 24065	29.81 0.58 0.00	28.31 0.53 0.00	28.04 0.50 0.00	28.20 0.44 0.00	29.48 0.44 0.00	33.60 0.30 0.00	46.17 0.36 0.00	55.00 0.62 -2.50	39.02 0.49 2.50	34.50 0.51 0.00	32.92 0.42 0.00	30.93 0.52 0.00	30.54 0.33 0.00	30.71 0.33 0.00	32.98 0.23 0.00	35.63 -0.14 -1.47	47.05 -0.14 -1.49	63.70 -0.40 -6.01	55.89 -0.43 -2.52	47.65 -0.32 -1.42	41.76 -0.41 -1.08	37.71 -0.25 -2.44	34.60 -0.07 -0.14	33.39 -0.17 -0.02
PJM_GEN_NEPTUNE_PROXY 323594	31.00 1.78 0.01	29.11 1.33 0.01	28.72 1.18 0.01	29.06 1.31 0.01	30.63 1.60 0.01	35.31 2.13 0.12	48.65 2.84 0.00	54.88 3.01 0.00	43.81 2.79 0.01	36.70 2.72 0.01	34.86 2.54 0.18	32.67 2.52 0.27	32.51 2.54 0.23	32.62 2.52 0.27	35.27 2.78 0.26	40.58 2.88 -3.41	51.62 3.75 -2.18	72.38 4.70 -9.58	62.01 4.25 -3.96	52.82 3.68 -2.60	47.19 3.16 -2.93	44.04 2.88 -5.65	37.53 2.80 -0.20	35.84 2.42 0.11
PJM_GEN_VFT_PROXY 323633	30.18 0.96 0.00	28.78 1.00 0.00	28.43 0.88 0.00	28.65 0.89 0.00	30.06 1.02 0.00	34.39 1.10 0.00	48.00 2.20 0.00	54.21 2.34 0.00	43.00 1.97 0.00	35.86 1.87 0.00	34.22 1.72 0.00	32.18 1.76 0.00	31.99 1.78 0.00	32.11 1.73 0.00	34.69 1.93 0.00	38.68 2.09 -2.29	50.43 2.56 -2.18	71.05 3.37 -9.59	60.61 2.85 -3.95	51.24 2.47 -2.22	44.92 2.14 -1.69	41.29 1.99 -3.79	36.64 1.90 -0.21	34.91 1.34 -0.04

PLATSBRG_115KV_PMLD1 355749	27.61 -1.61 0.00	26.28 -1.50 0.00	26.28 -1.27 0.00	26.65 -1.11 0.00	27.97 -1.07 0.00	33.56 0.27 0.00	47.45 1.65 0.00	53.22 1.35 0.00	42.75 1.72 0.00	35.08 1.09 0.00	33.87 1.37 0.00	31.05 0.64 0.00	30.84 0.63 0.00	31.10 0.73 0.00	33.77 1.02 0.00	36.23 1.85 -0.09	48.01 2.24 -0.07	62.24 3.78 -0.37	57.39 3.44 -0.15	49.57 2.93 -0.08	44.70 3.53 -0.06	37.86 2.20 -0.14	36.06 1.52 -0.01	35.28 1.74 0.00
PLEASANTVLY___LBMP 24000	30.16 0.94 0.00	28.75 0.97 0.00	28.45 0.91 0.00	28.71 0.94 0.00	30.06 1.02 0.00	34.40 1.10 0.00	47.82 2.02 0.00	54.10 2.23 0.00	42.75 1.72 0.00	35.48 1.50 0.00	33.93 1.43 0.00	31.84 1.43 0.00	31.69 1.48 0.00	31.83 1.46 0.00	34.42 1.67 0.00	38.42 1.75 -2.38	49.95 2.28 -1.97	71.28 2.96 -10.22	60.54 2.64 -4.10	51.14 2.28 -2.31	44.82 1.97 -1.75	41.22 1.78 -3.93	36.41 1.66 -0.22	34.81 1.24 -0.04
PLSNTVLE_13_KV_13.8KVDIST 80602	30.33 1.11 0.00	28.89 1.11 0.00	28.59 1.05 0.00	28.84 1.08 0.00	30.21 1.16 0.00	34.63 1.33 0.00	48.23 2.43 0.00	54.57 2.70 0.00	43.16 2.13 0.00	35.89 1.90 0.00	34.26 1.76 0.00	32.18 1.76 0.00	32.05 1.84 0.00	32.17 1.79 0.00	34.75 2.00 0.00	38.72 2.13 -2.30	50.39 2.79 -1.91	71.60 3.60 -9.90	60.95 3.17 -3.97	51.53 2.75 -2.23	45.14 2.34 -1.69	41.42 2.10 -3.80	36.71 1.97 -0.21	35.08 1.51 -0.04
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.33 1.11 0.00	28.89 1.11 0.00	28.59 1.05 0.00	28.84 1.08 0.00	30.21 1.16 0.00	34.63 1.33 0.00	48.23 2.43 0.00	54.57 2.70 0.00	43.16 2.13 0.00	35.89 1.90 0.00	34.26 1.76 0.00	32.18 1.76 0.00	32.05 1.84 0.00	32.17 1.79 0.00	34.75 2.00 0.00	38.72 2.13 -2.30	50.39 2.79 -1.91	71.60 3.60 -9.90	60.95 3.17 -3.97	51.53 2.75 -2.23	45.14 2.34 -1.69	41.42 2.10 -3.80	36.71 1.97 -0.21	35.08 1.51 -0.04
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.33 1.11 0.00	28.89 1.11 0.00	28.59 1.05 0.00	28.87 1.11 0.00	30.23 1.19 0.00	34.60 1.30 0.00	48.19 2.38 0.00	54.41 2.54 0.00	42.96 1.93 0.00	35.62 1.63 0.00	33.96 1.46 0.00	31.87 1.46 0.00	31.75 1.54 0.00	31.92 1.55 0.00	34.52 1.77 0.00	38.54 1.92 -2.33	50.18 2.56 -1.92	71.41 3.31 -10.00	60.77 2.96 -4.01	51.32 2.51 -2.26	44.95 2.14 -1.71	41.28 1.92 -3.84	36.51 1.76 -0.21	34.91 1.34 -0.04
POLETTI____ 23519	30.24 1.02 0.00	28.81 1.03 0.00	28.51 0.96 0.00	28.73 0.97 0.00	30.12 1.07 0.00	34.50 1.20 0.00	38.83 2.24 9.22	47.94 2.49 6.43	40.99 2.09 2.13	35.91 1.94 0.02	34.24 1.76 0.02	32.19 1.79 0.02	32.03 1.84 0.02	32.12 1.76 0.02	34.74 2.00 0.02	38.69 2.13 -2.28	43.91 2.70 4.49	65.82 3.49 -4.24	55.94 3.01 0.88	46.53 2.61 2.62	45.03 2.26 -1.67	41.31 2.02 -3.77	36.68 1.93 -0.21	34.98 1.41 -0.04
POMONA___ESR 323819	30.33 1.11 0.00	28.89 1.11 0.00	28.54 0.99 0.00	28.79 1.03 0.00	30.21 1.16 0.00	34.59 1.30 0.00	48.14 2.33 0.00	54.36 2.49 0.00	42.88 1.85 0.00	35.69 1.70 0.00	34.13 1.62 0.00	32.09 1.67 0.00	31.90 1.69 0.00	32.05 1.67 0.00	34.62 1.87 0.00	38.47 1.95 -2.22	50.00 2.47 -1.84	70.91 3.25 -9.57	60.43 2.80 -3.84	51.13 2.42 -2.16	44.79 2.05 -1.64	41.11 1.92 -3.68	36.57 1.83 -0.20	34.84 1.27 -0.03
PORT_JEFF_3 23555	31.70 2.48 0.00	29.72 1.94 0.00	29.33 1.79 0.00	29.67 1.91 0.00	31.31 2.27 0.00	36.46 3.00 -0.16	50.34 3.94 -0.60	55.96 4.05 -0.04	46.96 3.61 -2.32	37.59 3.57 -0.03	36.10 3.35 -0.25	34.09 3.29 -0.39	33.80 3.26 -0.33	34.05 3.28 -0.39	38.90 3.51 -2.64	51.18 3.63 -13.26	56.55 4.52 -6.32	73.66 5.58 -9.99	65.24 5.11 -6.33	62.75 4.47 -11.73	56.54 3.86 -11.58	54.69 3.69 -15.48	47.84 3.56 -9.75	37.18 3.39 -0.26
PORT_JEFF_4 23616	31.70 2.48 0.00	29.72 1.94 0.00	29.33 1.79 0.00	29.67 1.91 0.00	31.31 2.27 0.00	36.46 3.00 -0.16	50.34 3.94 -0.60	55.96 4.05 -0.04	46.96 3.61 -2.32	37.59 3.57 -0.03	36.10 3.35 -0.25	34.09 3.29 -0.39	33.80 3.26 -0.33	34.05 3.28 -0.39	38.90 3.51 -2.64	51.18 3.63 -13.26	56.55 4.52 -6.32	73.66 5.58 -9.99	65.24 5.11 -6.33	62.75 4.47 -11.73	56.54 3.86 -11.58	54.69 3.69 -15.48	47.84 3.56 -9.75	37.18 3.39 -0.26
PORT_JEFF_IC 23713	31.73 2.51 0.00	29.75 1.97 0.00	29.36 1.82 0.00	29.70 1.94 0.00	31.33 2.29 0.00	36.53 3.06 -0.17	50.51 4.08 -0.63	56.12 4.20 -0.04	47.21 3.73 -2.45	37.66 3.64 -0.03	36.14 3.38 -0.26	34.17 3.35 -0.41	33.85 3.29 -0.35	34.13 3.34 -0.41	39.14 3.60 -2.78	51.80 3.74 -13.77	57.01 4.75 -6.56	73.84 5.75 -9.99	65.47 5.22 -6.45	63.37 4.61 -12.21	57.18 4.07 -12.01	55.27 3.84 -15.91	48.41 3.66 -10.22	37.30 3.49 -0.28
PPL PILGRIM_ST_GT1 24216	31.85 2.63 0.00	29.89 2.11 0.00	29.47 1.93 0.00	29.81 2.05 0.00	31.48 2.44 0.00	36.17 2.66 -0.21	49.16 3.30 -0.06	55.35 3.48 0.00	44.44 3.16 -0.25	37.49 3.50 0.00	35.85 3.02 -0.32	33.93 3.01 -0.51	33.63 2.99 -0.43	33.89 3.01 -0.51	36.67 3.14 -0.77	42.81 3.26 -5.25	52.29 4.25 -2.34	73.37 5.40 -9.87	62.89 4.90 -4.20	54.80 4.51 -3.74	49.54 3.82 -4.62	47.60 3.52 -8.57	40.21 3.28 -2.40	36.95 3.08 -0.33
PPL PILGRIM_ST_GT2 24217	31.85 2.63 0.00	29.89 2.11 0.00	29.47 1.93 0.00	29.81 2.05 0.00	31.48 2.44 0.00	36.17 2.66 -0.21	49.16 3.30 -0.06	55.35 3.48 0.00	44.44 3.16 -0.25	37.49 3.50 0.00	35.85 3.02 -0.32	33.93 3.01 -0.51	33.63 2.99 -0.43	33.89 3.01 -0.51	36.67 3.14 -0.77	42.81 3.26 -5.25	52.29 4.25 -2.34	73.37 5.40 -9.87	62.89 4.90 -4.20	54.80 4.51 -3.74	49.54 3.82 -4.62	47.60 3.52 -8.57	40.21 3.28 -2.40	36.95 3.08 -0.33
PPL_SHRM_GT3 24213	31.90 2.69 0.00	29.91 2.14 0.00	29.50 1.96 0.00	29.84 2.08 0.00	31.51 2.47 0.00	36.76 3.30 -0.17	50.84 4.44 -0.59	56.38 4.46 -0.04	47.28 3.94 -2.31	37.82 3.81 -0.03	36.33 3.58 -0.25	34.31 3.50 -0.40	33.99 3.44 -0.34	34.27 3.49 -0.40	39.16 3.77 -2.64	51.47 3.98 -13.20	57.20 5.21 -6.29	74.70 6.62 -9.99	66.19 6.08 -6.31	63.57 5.35 -11.67	57.15 4.52 -11.53	55.14 4.19 -15.43	48.13 3.90 -9.70	37.59 3.79 -0.27
PPL_SHRM_GT4 24214	31.90 2.69 0.00	29.91 2.14 0.00	29.50 1.96 0.00	29.84 2.08 0.00	31.51 2.47 0.00	36.76 3.30 -0.17	50.84 4.44 -0.59	56.38 4.46 -0.04	47.28 3.94 -2.31	37.82 3.81 -0.03	36.33 3.58 -0.25	34.31 3.50 -0.40	33.99 3.44 -0.34	34.27 3.49 -0.40	39.16 3.77 -2.64	51.47 3.98 -13.20	57.20 5.21 -6.29	74.70 6.62 -9.99	66.19 6.08 -6.31	63.57 5.35 -11.67	57.15 4.52 -11.53	55.14 4.19 -15.43	48.13 3.90 -9.70	37.59 3.79 -0.27
PROJECT___ORANGE 1 24174	29.28 0.06 0.00	27.81 0.03 0.00	27.55 0.00 0.00	27.71 -0.06 0.00	28.99 -0.06 0.00	33.10 -0.20 0.00	45.16 -0.64 0.00	51.35 -0.52 0.00	40.58 -0.45 0.00	33.72 -0.27 0.00	32.24 -0.26 0.00	30.17 -0.24 0.00	29.90 -0.30 0.00	30.07 -0.30 0.00	32.39 -0.36 0.00	34.21 -0.51 -0.43	45.33 -0.73 -0.36	59.03 -0.93 -1.87	53.64 -0.91 -0.75	46.18 -0.79 -0.42	40.68 -0.74 -0.32	35.67 -0.57 -0.72	34.09 -0.48 -0.04	33.17 -0.37 -0.01

PROJECT___ORANGE 2 24166	29.28 0.06 0.00	27.81 0.03 0.00	27.55 0.00 0.00	27.71 -0.06 0.00	28.99 -0.06 0.00	33.10 -0.20 0.00	45.16 -0.64 0.00	51.35 -0.52 0.00	40.58 -0.45 0.00	33.72 -0.27 0.00	32.24 -0.26 0.00	30.17 -0.24 0.00	29.90 -0.30 0.00	30.07 -0.30 0.00	32.39 -0.36 0.00	34.21 -0.51 -0.43	45.33 -0.73 -0.36	59.03 -0.93 -1.87	53.64 -0.91 -0.75	46.18 -0.79 -0.42	40.68 -0.74 -0.32	35.67 -0.57 -0.72	34.09 -0.48 -0.04	33.17 -0.37 -0.01
PUCKETT___SOLAR 323809	30.42 1.20 0.00	28.86 1.08 0.00	28.65 1.10 0.00	28.84 1.08 0.00	30.12 1.08 0.00	34.46 1.16 0.00	47.45 1.65 0.00	54.15 2.28 0.00	42.55 1.52 0.00	35.15 1.16 0.00	33.41 0.91 0.00	31.20 0.79 0.00	30.87 0.66 0.00	31.07 0.70 0.00	33.51 0.75 0.00	36.04 0.75 -1.00	47.79 1.28 -0.82	64.04 1.69 -4.26	57.12 1.61 -1.71	48.86 1.35 -0.96	42.89 1.07 -0.73	38.02 0.85 -1.65	35.52 0.90 -0.09	34.32 0.77 -0.02
PYRITES___HYD 24023	27.94 -1.29 0.00	26.50 -1.28 0.00	26.53 -1.02 0.00	26.87 -0.89 0.00	28.17 -0.87 0.00	33.76 0.47 0.00	47.64 1.83 0.00	54.00 2.13 0.00	44.56 3.53 0.00	36.37 2.38 0.00	34.84 2.34 0.00	31.72 1.31 0.00	31.47 1.27 0.00	31.68 1.31 0.00	34.46 1.70 0.00	37.18 2.78 -0.11	49.49 3.70 -0.09	63.05 4.47 -0.49	58.25 4.25 -0.19	50.20 3.54 -0.11	45.37 4.19 -0.08	38.23 2.52 -0.19	36.37 1.83 -0.01	35.55 2.01 0.00
QUAKERRD_115KV_BK1 80622	28.75 -0.47 0.00	27.25 -0.53 0.00	26.97 -0.58 0.00	27.07 -0.69 0.00	28.29 -0.76 0.00	32.30 -1.00 0.00	43.88 -1.92 0.00	50.16 -1.71 0.00	39.88 -1.15 0.00	33.04 -0.95 0.00	31.56 -0.94 0.00	29.50 -0.91 0.00	29.12 -1.09 0.00	29.28 -1.09 0.00	31.38 -1.38 0.00	33.23 -1.58 -0.52	44.07 -2.06 -0.43	57.42 -2.90 -2.24	52.11 -2.58 -0.90	44.87 -2.19 -0.50	39.51 -1.97 -0.38	34.66 -1.70 -0.85	32.78 -1.80 -0.05	31.97 -1.58 -0.01
QUENSBRY_115KV_TB8 356137	31.50 2.28 0.00	29.95 2.17 0.00	29.69 2.15 0.00	29.95 2.19 0.00	31.43 2.38 0.00	36.29 3.00 0.00	50.34 4.53 0.00	56.85 4.98 0.00	44.89 3.86 0.00	36.78 2.79 0.00	35.13 2.63 0.00	32.72 2.31 0.00	32.56 2.36 0.00	32.74 2.37 0.00	35.51 2.75 0.00	39.28 2.16 -2.83	51.15 3.11 -2.34	74.27 4.01 -12.17	62.55 3.87 -4.88	52.41 3.12 -2.75	45.85 2.67 -2.08	42.39 2.20 -4.67	36.93 2.14 -0.26	36.53 2.95 -0.04
RAMAPO___LBMP 323565	30.04 0.82 0.00	28.61 0.83 0.00	28.29 0.74 0.00	28.57 0.81 0.00	29.94 0.90 0.00	34.26 0.97 0.00	47.68 1.88 0.00	53.84 1.97 0.00	42.46 1.44 0.00	35.35 1.36 0.00	33.74 1.24 0.00	31.72 1.31 0.00	31.54 1.33 0.00	31.68 1.31 0.00	34.20 1.44 0.00	38.02 1.58 -2.15	49.49 2.01 -1.78	70.02 2.67 -9.26	59.72 2.21 -3.71	50.59 1.96 -2.09	44.37 1.69 -1.58	40.64 1.56 -3.56	36.22 1.48 -0.20	34.74 1.17 -0.03
RANKINE____ 23646	29.98 0.76 0.00	28.36 0.58 0.00	27.99 0.44 0.00	27.98 0.22 0.00	29.25 0.20 0.00	33.23 -0.07 0.00	44.71 -1.10 0.00	51.56 -0.31 0.00	41.15 0.12 0.00	34.02 0.03 0.00	32.47 -0.03 0.00	30.44 0.03 0.00	29.75 -0.45 0.00	29.98 -0.39 0.00	31.94 -0.82 0.00	33.03 -1.85 -0.59	43.91 -2.24 -0.45	56.83 -3.60 -2.34	51.73 -3.01 -0.94	44.52 -2.56 -0.53	39.00 -2.51 -0.41	34.39 -2.13 -1.01	32.66 -1.93 -0.06	32.03 -1.51 -0.01
RAVENSWOOD_GT2_1 24244	30.39 1.17 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.19 2.38 0.00	54.52 2.65 0.00	43.20 2.17 0.00	35.99 2.01 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.82 2.06 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.96	51.52 2.75 -2.22	45.13 2.34 -1.69	41.47 2.17 -3.79	36.82 2.07 -0.21	35.11 1.54 -0.04
RAVENSWOOD_GT2_2 24245	30.39 1.17 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.19 2.38 0.00	54.52 2.65 0.00	43.20 2.17 0.00	35.99 2.01 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.82 2.06 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.96	51.52 2.75 -2.22	45.13 2.34 -1.69	41.47 2.17 -3.79	36.82 2.07 -0.21	35.11 1.54 -0.04
RAVENSWOOD_GT2_3 24246	30.39 1.17 0.00	28.95 1.17 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.23 2.43 0.00	54.52 2.65 0.00	43.24 2.22 0.00	36.03 2.04 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.47 2.88 -1.90	71.67 3.72 -9.86	60.93 3.17 -3.96	51.57 2.79 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.82 2.07 -0.21	35.11 1.54 -0.04
RAVENSWOOD_GT2_4 24247	30.39 1.17 0.00	28.95 1.17 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.23 2.43 0.00	54.52 2.65 0.00	43.24 2.22 0.00	36.03 2.04 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.47 2.88 -1.90	71.67 3.72 -9.86	60.93 3.17 -3.96	51.57 2.79 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.82 2.07 -0.21	35.11 1.54 -0.04
RAVENSWOOD_GT3_1 24248	30.39 1.17 0.00	28.95 1.17 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.19 2.38 0.00	54.52 2.65 0.00	43.24 2.22 0.00	35.99 2.01 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.96	51.52 2.75 -2.22	45.17 2.38 -1.69	41.44 2.13 -3.79	36.82 2.07 -0.21	35.11 1.54 -0.04
RAVENSWOOD_GT3_2 24249	30.39 1.17 0.00	28.95 1.17 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.19 2.38 0.00	54.52 2.65 0.00	43.24 2.22 0.00	35.99 2.01 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.96	51.52 2.75 -2.22	45.17 2.38 -1.69	41.44 2.13 -3.79	36.82 2.07 -0.21	35.11 1.54 -0.04
RAVENSWOOD_GT3_3 24250	30.42 1.20 0.00	28.97 1.19 0.00	28.65 1.10 0.00	28.87 1.11 0.00	30.26 1.22 0.00	34.66 1.37 0.00	48.28 2.47 0.00	54.57 2.70 0.00	43.29 2.26 0.00	36.06 2.07 0.00	34.39 1.89 0.00	32.33 1.92 0.00	32.17 1.96 0.00	32.26 1.88 0.00	34.88 2.13 0.00	38.85 2.26 -2.29	50.52 2.92 -1.90	71.73 3.78 -9.86	61.04 3.28 -3.96	51.61 2.84 -2.22	45.21 2.42 -1.69	41.51 2.20 -3.79	36.85 2.11 -0.21	35.15 1.58 -0.04
RAVENSWOOD_GT3_4 24251	30.42 1.20 0.00	28.97 1.19 0.00	28.65 1.10 0.00	28.87 1.11 0.00	30.26 1.22 0.00	34.66 1.37 0.00	48.28 2.47 0.00	54.57 2.70 0.00	43.29 2.26 0.00	36.06 2.07 0.00	34.39 1.89 0.00	32.33 1.92 0.00	32.17 1.96 0.00	32.26 1.88 0.00	34.88 2.13 0.00	38.85 2.26 -2.29	50.52 2.92 -1.90	71.73 3.78 -9.86	61.04 3.28 -3.96	51.61 2.84 -2.22	45.21 2.42 -1.69	41.51 2.20 -3.79	36.85 2.11 -0.21	35.15 1.58 -0.04

RAVENSWOOD_GT_1 23729	30.51 1.29 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.90 1.14 0.00	30.32 1.28 0.00	34.63 1.33 0.00	48.10 2.29 0.00	54.47 2.59 0.00	43.20 2.17 0.00	36.06 2.07 0.00	34.39 1.89 0.00	32.33 1.92 0.00	32.17 1.96 0.00	32.26 1.88 0.00	34.88 2.13 0.00	38.85 2.26 -2.29	50.43 2.83 -1.90	71.67 3.72 -9.86	60.93 3.17 -3.96	51.52 2.75 -2.22	45.13 2.34 -1.69	41.44 2.13 -3.79	36.88 2.14 -0.21	35.18 1.61 -0.04
RAVENSWOOD_GT_10 24258	30.39 1.17 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.19 2.38 0.00	54.52 2.65 0.00	43.24 2.22 0.00	35.99 2.01 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.96	51.52 2.75 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.82 2.07 -0.21	35.11 1.54 -0.04
RAVENSWOOD_GT_11 24259	30.39 1.17 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.19 2.38 0.00	54.52 2.65 0.00	43.24 2.22 0.00	35.99 2.01 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.96	51.52 2.75 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.82 2.07 -0.21	35.11 1.54 -0.04
RAVENSWOOD_GT_4 24252	30.36 1.14 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.23 2.43 0.00	54.57 2.70 0.00	43.24 2.22 0.00	35.99 2.01 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.96	51.57 2.79 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.78 2.04 -0.21	35.11 1.54 -0.04
RAVENSWOOD_GT_5 24254	30.36 1.14 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.23 2.43 0.00	54.57 2.70 0.00	43.24 2.22 0.00	35.99 2.01 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.96	51.57 2.79 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.78 2.04 -0.21	35.11 1.54 -0.04
RAVENSWOOD_GT_6 24253	30.36 1.14 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.23 2.43 0.00	54.57 2.70 0.00	43.24 2.22 0.00	35.99 2.01 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.96	51.57 2.79 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.78 2.04 -0.21	35.11 1.54 -0.04
RAVENSWOOD_GT_7 24255	30.36 1.14 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.23 2.43 0.00	54.57 2.70 0.00	43.24 2.22 0.00	35.99 2.01 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.96	51.57 2.79 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.78 2.04 -0.21	35.11 1.54 -0.04
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.39 1.17 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.19 2.38 0.00	54.52 2.65 0.00	43.24 2.22 0.00	35.99 2.01 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.96	51.52 2.75 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.82 2.07 -0.21	35.11 1.54 -0.04
RAVENSWOOD_GT_9 24257	30.39 1.17 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.19 2.38 0.00	54.52 2.65 0.00	43.24 2.22 0.00	35.99 2.01 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.96	51.52 2.75 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.82 2.07 -0.21	35.11 1.54 -0.04
RAVENSWOOD___1 23533	30.48 1.26 0.00	29.00 1.22 0.00	28.65 1.10 0.00	28.87 1.11 0.00	30.29 1.25 0.00	34.63 1.33 0.00	48.05 2.24 0.00	54.36 2.49 0.00	43.16 2.13 0.00	36.03 2.04 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.81 2.23 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.96	51.47 2.70 -2.22	45.09 2.30 -1.69	41.44 2.13 -3.79	36.85 2.11 -0.21	35.21 1.64 -0.04
RAVENSWOOD___2 23534	30.48 1.26 0.00	29.00 1.22 0.00	28.65 1.10 0.00	28.84 1.08 0.00	30.29 1.25 0.00	34.59 1.30 0.00	48.05 2.24 0.00	54.36 2.49 0.00	43.16 2.13 0.00	36.03 2.04 0.00	34.35 1.85 0.00	32.30 1.89 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.78 2.20 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.09 2.30 -1.69	41.44 2.13 -3.79	36.85 2.11 -0.21	35.21 1.64 -0.04
RAVENSWOOD___3 23535	30.39 1.17 0.00	28.95 1.17 0.00	28.59 1.05 0.00	28.82 1.05 0.00	30.24 1.19 0.00	34.63 1.33 0.00	48.23 2.43 0.00	54.52 2.64 0.00	43.20 2.17 0.00	35.99 2.00 0.00	34.35 1.85 0.00	32.27 1.86 0.00	32.11 1.90 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.78 2.20 -2.29	50.43 2.83 -1.90	71.62 3.66 -9.86	60.93 3.17 -3.96	51.52 2.75 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.82 2.07 -0.21	35.15 1.58 -0.04
RAVENSWOOD___4 23820	30.45 1.23 0.00	29.00 1.22 0.00	28.65 1.10 0.00	28.84 1.08 0.00	30.26 1.22 0.00	34.59 1.30 0.00	48.05 2.24 0.00	54.36 2.49 0.00	43.16 2.13 0.00	36.03 2.04 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.85 2.10 0.00	38.78 2.20 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.87 3.12 -3.96	51.47 2.70 -2.22	45.09 2.30 -1.69	41.40 2.10 -3.79	36.85 2.11 -0.21	35.18 1.61 -0.04
RCPI_TRUST___DRP 24196	30.39 1.17 0.00	28.95 1.17 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.28 2.47 0.00	54.62 2.75 0.00	43.29 2.26 0.00	36.06 2.07 0.00	34.39 1.89 0.00	32.33 1.92 0.00	32.17 1.96 0.00	32.26 1.88 0.00	34.88 2.13 0.00	38.85 2.26 -2.29	50.52 2.92 -1.90	71.67 3.72 -9.86	60.98 3.23 -3.95	51.57 2.79 -2.22	45.21 2.42 -1.69	41.47 2.17 -3.79	36.82 2.07 -0.21	35.11 1.54 -0.04
RED___ROCHESTER 323720	29.66 0.44 0.00	28.06 0.28 0.00	27.93 0.39 0.00	27.96 0.20 0.00	29.07 0.03 0.00	33.16 -0.13 0.00	45.12 -0.69 0.00	51.67 -0.21 0.00	41.11 0.08 0.00	34.02 0.03 0.00	32.47 -0.03 0.00	30.38 -0.03 0.00	29.93 -0.27 0.00	30.10 -0.27 0.00	32.20 -0.56 0.00	34.03 -0.79 -0.52	45.17 -0.96 -0.44	58.79 -1.57 -2.26	53.42 -1.29 -0.91	45.99 -1.07 -0.51	40.50 -0.99 -0.39	35.57 -0.82 -0.86	33.51 -1.07 -0.05	32.74 -0.81 -0.01

REGAN____SOLAR 323812	31.56 2.34 0.00	30.03 2.25 0.00	29.80 2.26 0.00	30.06 2.30 0.00	31.54 2.50 0.00	36.59 3.30 0.00	50.30 4.49 0.00	57.68 5.81 0.00	45.58 4.55 0.00	37.29 3.30 0.00	35.33 2.83 0.00	32.85 2.43 0.00	32.77 2.57 0.00	32.99 2.61 0.00	35.83 3.08 0.00	41.24 3.67 -3.28	54.12 5.71 -2.71	79.39 7.20 -14.10	66.18 6.72 -5.65	55.22 5.49 -3.18	48.23 4.72 -2.41	44.20 3.27 -5.42	38.25 3.42 -0.30	36.20 2.62 -0.05
RENSSELAER____COGEN 23796	29.60 0.38 0.00	28.17 0.39 0.00	27.88 0.33 0.00	28.18 0.42 0.00	29.48 0.44 0.00	33.80 0.50 0.00	46.67 0.87 0.00	52.86 0.98 0.00	41.77 0.74 0.00	34.47 0.48 0.00	33.02 0.52 0.00	30.93 0.52 0.00	30.81 0.60 0.00	30.98 0.61 0.00	33.51 0.75 0.00	37.89 0.86 -2.74	49.20 1.23 -2.27	71.40 1.51 -11.80	59.99 1.45 -4.73	50.42 1.21 -2.66	44.15 1.03 -2.02	40.94 0.89 -4.53	35.61 0.83 -0.25	34.18 0.60 -0.04
REPUBLIC_115KV_BARTNBRK 55605	32.90 3.68 0.00	31.25 3.47 0.00	31.02 3.47 0.00	31.23 3.47 0.00	32.79 3.75 0.00	38.09 4.79 0.00	52.81 7.01 0.00	59.86 7.99 0.00	47.22 6.20 0.00	38.54 4.55 0.00	36.79 4.29 0.00	34.22 3.80 0.00	34.01 3.81 0.00	34.17 3.80 0.00	37.18 4.42 0.00	41.30 4.18 -2.83	54.30 6.26 -2.34	78.21 7.96 -12.16	66.26 7.59 -4.88	55.53 6.24 -2.74	48.56 5.38 -2.08	44.34 4.16 -4.67	38.83 4.04 -0.26	38.24 4.66 -0.04
REVERE_CPPR_DRP 24186	30.22 0.99 0.00	28.70 0.92 0.00	28.48 0.94 0.00	28.71 0.94 0.00	30.06 1.02 0.00	34.60 1.30 0.00	47.73 1.92 0.00	54.52 2.65 0.00	43.04 2.01 0.00	35.55 1.56 0.00	33.87 1.37 0.00	31.45 1.03 0.00	31.20 1.00 0.00	31.35 0.97 0.00	33.83 1.08 0.00	35.86 1.34 -0.24	48.04 2.15 -0.20	61.95 2.85 -1.01	57.06 2.85 -0.41	49.11 2.33 -0.23	43.24 1.97 -0.17	37.26 1.35 -0.39	35.83 1.28 -0.02	34.85 1.31 0.00
REYNOLDS_115KV_TB3 80639	29.86 0.64 0.00	28.42 0.64 0.00	28.15 0.61 0.00	28.43 0.67 0.00	29.77 0.73 0.00	34.06 0.77 0.00	47.04 1.24 0.00	53.27 1.40 0.00	42.10 1.07 0.00	34.77 0.78 0.00	33.31 0.81 0.00	31.20 0.79 0.00	31.08 0.88 0.00	31.29 0.91 0.00	33.83 1.08 0.00	38.17 1.13 -2.75	49.52 1.55 -2.27	71.83 1.92 -11.82	60.37 1.83 -4.74	50.80 1.58 -2.67	44.48 1.36 -2.02	41.23 1.17 -4.54	35.89 1.11 -0.25	34.48 0.91 -0.04
RIVERBAY____ 323610	30.80 1.58 0.00	29.31 1.53 0.00	28.98 1.43 0.00	29.15 1.39 0.00	30.53 1.48 0.00	34.80 1.50 0.00	48.00 2.20 0.00	54.57 2.70 0.00	43.33 2.30 0.00	36.13 2.14 0.00	34.42 1.92 0.00	32.36 1.95 0.00	32.20 1.99 0.00	32.26 1.88 0.00	34.88 2.13 0.00	38.85 2.26 -2.29	50.47 2.88 -1.90	71.73 3.78 -9.86	60.98 3.23 -3.96	51.57 2.79 -2.22	45.17 2.38 -1.69	41.37 2.06 -3.79	37.06 2.31 -0.21	35.41 1.84 -0.04
RIVERSIDE_115KV_TB3 55908	29.75 0.53 0.00	28.31 0.53 0.00	28.07 0.52 0.00	28.32 0.56 0.00	29.62 0.58 0.00	33.96 0.67 0.00	46.91 1.10 0.00	53.12 1.24 0.00	41.97 0.94 0.00	34.64 0.65 0.00	33.18 0.68 0.00	31.08 0.67 0.00	30.99 0.79 0.00	31.17 0.79 0.00	33.70 0.95 0.00	38.07 1.03 -2.75	49.44 1.46 -2.28	71.74 1.80 -11.85	60.27 1.72 -4.75	50.66 1.44 -2.67	44.36 1.23 -2.03	41.13 1.07 -4.55	35.79 1.00 -0.25	34.35 0.77 -0.04
ROARING____BROOK_WT_PWR 323790	28.20 -1.02 0.00	26.83 -0.94 0.00	26.69 -0.85 0.00	26.87 -0.89 0.00	28.29 -0.76 0.00	33.03 -0.27 0.00	45.85 0.05 0.00	51.77 -0.10 0.00	41.28 0.25 0.00	34.06 0.07 0.00	32.66 0.16 0.00	30.32 -0.09 0.00	30.12 -0.09 0.00	30.31 -0.06 0.00	32.79 0.03 0.00	34.69 0.34 -0.05	46.06 0.32 -0.05	59.08 0.75 -0.24	54.59 0.70 -0.09	47.16 0.56 -0.05	42.00 0.86 -0.04	36.04 0.43 -0.09	34.64 0.10 -0.01	33.74 0.20 0.00
ROCHESRG_115KV_T4 355643	29.37 0.15 0.00	27.83 0.06 0.00	27.52 -0.03 0.00	27.60 -0.17 0.00	28.81 -0.23 0.00	32.86 -0.43 0.00	44.57 -1.24 0.00	51.04 -0.83 0.00	40.62 -0.41 0.00	33.62 -0.37 0.00	32.11 -0.39 0.00	30.05 -0.36 0.00	29.60 -0.60 0.00	29.77 -0.61 0.00	31.84 -0.92 0.00	33.61 -1.20 -0.52	44.62 -1.51 -0.44	58.03 -2.32 -2.26	52.77 -1.94 -0.91	45.43 -1.63 -0.51	40.01 -1.48 -0.39	35.14 -1.24 -0.86	33.17 -1.42 -0.05	32.37 -1.17 -0.01
ROCHESTER_9_IC 23652	29.54 0.32 0.00	27.97 0.19 0.00	27.68 0.14 0.00	27.73 -0.03 0.00	28.96 -0.09 0.00	33.03 -0.27 0.00	44.89 -0.92 0.00	51.35 -0.52 0.00	40.91 -0.12 0.00	33.85 -0.14 0.00	32.31 -0.20 0.00	30.23 -0.18 0.00	29.78 -0.42 0.00	29.95 -0.43 0.00	32.07 -0.69 0.00	33.86 -0.96 -0.52	44.94 -1.19 -0.44	58.44 -1.92 -2.26	53.09 -1.61 -0.91	45.76 -1.30 -0.51	40.25 -1.23 -0.39	35.35 -1.03 -0.86	33.37 -1.21 -0.05	32.54 -1.01 -0.01
ROCKVIEW_13_KV_LD 356306	30.42 1.20 0.00	28.97 1.19 0.00	28.65 1.10 0.00	28.90 1.14 0.00	30.29 1.25 0.00	34.76 1.47 0.00	48.42 2.61 0.00	54.78 2.90 0.00	43.33 2.30 0.00	36.06 2.07 0.00	34.42 1.92 0.00	32.36 1.95 0.00	32.20 1.99 0.00	32.32 1.94 0.00	34.92 2.16 0.00	38.92 2.33 -2.29	50.61 3.02 -1.90	71.85 3.89 -9.86	61.20 3.44 -3.95	51.75 2.98 -2.22	45.33 2.55 -1.69	41.58 2.27 -3.79	36.88 2.14 -0.21	35.21 1.64 -0.04
ROME____115KV_TB2 80656	30.22 0.99 0.00	28.70 0.92 0.00	28.48 0.94 0.00	28.71 0.94 0.00	30.06 1.02 0.00	34.60 1.30 0.00	47.73 1.92 0.00	54.52 2.65 0.00	43.04 2.01 0.00	35.55 1.56 0.00	33.87 1.37 0.00	31.45 1.03 0.00	31.20 1.00 0.00	31.35 0.97 0.00	33.83 1.08 0.00	35.86 1.34 -0.24	48.04 2.15 -0.20	61.95 2.85 -1.01	57.06 2.85 -0.41	49.11 2.33 -0.23	43.24 1.97 -0.17	37.26 1.35 -0.39	35.83 1.28 -0.02	34.85 1.31 0.00
ROSETON____1 23587	30.13 0.91 0.00	28.69 0.92 0.00	28.37 0.83 0.00	28.65 0.89 0.00	30.03 0.99 0.00	34.36 1.07 0.00	47.77 1.97 0.00	54.00 2.13 0.00	42.67 1.64 0.00	35.45 1.46 0.00	33.87 1.36 0.00	31.81 1.40 0.00	31.66 1.45 0.00	31.77 1.40 0.00	34.33 1.57 0.00	38.22 1.68 -2.25	49.75 2.19 -1.86	70.62 2.85 -9.68	60.16 2.48 -3.88	50.92 2.19 -2.18	44.61 1.85 -1.66	40.94 1.70 -3.72	36.33 1.59 -0.21	34.81 1.24 -0.03
ROSETON____2 23588	30.13 0.91 0.00	28.69 0.92 0.00	28.37 0.83 0.00	28.65 0.89 0.00	30.03 0.99 0.00	34.36 1.07 0.00	47.77 1.97 0.00	54.00 2.13 0.00	42.67 1.64 0.00	35.45 1.46 0.00	33.87 1.36 0.00	31.81 1.40 0.00	31.66 1.45 0.00	31.77 1.40 0.00	34.33 1.57 0.00	38.22 1.68 -2.25	49.75 2.19 -1.86	70.62 2.85 -9.68	60.16 2.48 -3.88	50.92 2.19 -2.18	44.61 1.85 -1.66	40.94 1.70 -3.72	36.33 1.59 -0.21	34.81 1.24 -0.03
ROTTDRAM_115KV_TB3 80664	30.16 0.94 0.00	28.70 0.92 0.00	28.48 0.94 0.00	28.73 0.97 0.00	30.06 1.02 0.00	34.50 1.20 0.00	47.64 1.83 0.00	53.95 2.07 0.00	42.63 1.60 0.00	35.18 1.19 0.00	33.64 1.14 0.00	31.51 1.09 0.00	31.35 1.15 0.00	31.53 1.15 0.00	34.06 1.31 0.00	38.49 1.34 -2.86	49.94 1.87 -2.37	72.77 2.38 -12.30	60.94 2.21 -4.93	51.23 1.91 -2.77	44.85 1.64 -2.10	41.63 1.39 -4.72	36.11 1.31 -0.26	34.82 1.24 -0.04

RUSSELL___1 23602	29.66 0.44 0.00	28.06 0.28 0.00	27.77 0.22 0.00	27.82 0.06 0.00	29.07 0.03 0.00	33.16 -0.13 0.00	45.12 -0.69 0.00	51.61 -0.26 0.00	41.11 0.08 0.00	34.02 0.03 0.00	32.47 -0.03 0.00	30.38 -0.03 0.00	29.93 -0.27 0.00	30.10 -0.27 0.00	32.20 -0.56 0.00	34.03 -0.79 -0.52	45.17 -0.96 -0.44	58.79 -1.57 -2.26	53.42 -1.29 -0.91	45.99 -1.07 -0.51	40.50 -0.99 -0.39	35.57 -0.82 -0.86	33.51 -1.07 -0.05	32.70 -0.84 -0.01
RUSSELL___2 23532	29.66 0.44 0.00	28.06 0.28 0.00	27.77 0.22 0.00	27.82 0.06 0.00	29.07 0.03 0.00	33.16 -0.13 0.00	45.12 -0.69 0.00	51.61 -0.26 0.00	41.11 0.08 0.00	34.02 0.03 0.00	32.47 -0.03 0.00	30.38 -0.03 0.00	29.93 -0.27 0.00	30.10 -0.27 0.00	32.20 -0.56 0.00	34.03 -0.79 -0.52	45.17 -0.96 -0.44	58.79 -1.57 -2.26	53.42 -1.29 -0.91	45.99 -1.07 -0.51	40.50 -0.99 -0.39	35.57 -0.82 -0.86	33.51 -1.07 -0.05	32.70 -0.84 -0.01
RUSSELL___3 23549	29.66 0.44 0.00	28.06 0.28 0.00	27.77 0.22 0.00	27.82 0.06 0.00	29.07 0.03 0.00	33.16 -0.13 0.00	45.12 -0.69 0.00	51.61 -0.26 0.00	41.11 0.08 0.00	34.02 0.03 0.00	32.47 -0.03 0.00	30.38 -0.03 0.00	29.93 -0.27 0.00	30.10 -0.27 0.00	32.20 -0.56 0.00	34.03 -0.79 -0.52	45.17 -0.96 -0.44	58.79 -1.57 -2.26	53.42 -1.29 -0.91	45.99 -1.07 -0.51	40.50 -0.99 -0.39	35.57 -0.82 -0.86	33.51 -1.07 -0.05	32.70 -0.84 -0.01
RUSSELL___4 23556	29.66 0.44 0.00	28.06 0.28 0.00	27.77 0.22 0.00	27.82 0.06 0.00	29.07 0.03 0.00	33.16 -0.13 0.00	45.12 -0.69 0.00	51.61 -0.26 0.00	41.11 0.08 0.00	34.02 0.03 0.00	32.47 -0.03 0.00	30.38 -0.03 0.00	29.93 -0.27 0.00	30.10 -0.27 0.00	32.20 -0.56 0.00	34.03 -0.79 -0.52	45.17 -0.96 -0.44	58.79 -1.57 -2.26	53.42 -1.29 -0.91	45.99 -1.07 -0.51	40.50 -0.99 -0.39	35.57 -0.82 -0.86	33.51 -1.07 -0.05	32.70 -0.84 -0.01
RUSSELL___STATION 23914	29.66 0.44 0.00	28.06 0.28 0.00	27.77 0.22 0.00	27.82 0.06 0.00	29.07 0.03 0.00	33.16 -0.13 0.00	45.12 -0.69 0.00	51.61 -0.26 0.00	41.11 0.08 0.00	34.02 0.03 0.00	32.47 -0.03 0.00	30.38 -0.03 0.00	29.93 -0.27 0.00	30.10 -0.27 0.00	32.20 -0.56 0.00	34.03 -0.79 -0.52	45.17 -0.96 -0.44	58.79 -1.57 -2.26	53.42 -1.29 -0.91	45.99 -1.07 -0.51	40.50 -0.99 -0.39	35.57 -0.82 -0.86	33.51 -1.07 -0.05	32.70 -0.84 -0.01
S SALMON___HYD 24043	29.02 -0.20 0.00	27.53 -0.25 0.00	27.32 -0.22 0.00	27.51 -0.25 0.00	28.78 -0.26 0.00	33.03 -0.27 0.00	45.30 -0.50 0.00	51.51 -0.36 0.00	40.62 -0.41 0.00	33.65 -0.34 0.00	32.08 -0.42 0.00	29.90 -0.52 0.00	29.60 -0.60 0.00	29.80 -0.58 0.00	32.13 -0.62 0.00	34.16 -0.51 -0.38	45.46 -0.55 -0.31	59.14 -0.58 -1.63	54.13 -0.32 -0.65	46.54 -0.37 -0.37	41.05 -0.33 -0.28	35.75 -0.39 -0.62	34.12 -0.45 -0.03	33.17 -0.37 -0.01
S.PERRY___115KV_TB1 80734	30.86 1.64 0.00	29.20 1.42 0.00	28.87 1.32 0.00	28.90 1.14 0.00	30.23 1.19 0.00	34.53 1.23 0.00	47.13 1.33 0.00	54.31 2.44 0.00	42.96 1.93 0.00	35.38 1.39 0.00	33.54 1.04 0.00	31.20 0.79 0.00	30.48 0.27 0.00	30.80 0.43 0.00	33.05 0.29 0.00	34.89 -0.03 -0.63	46.58 0.37 -0.51	61.28 0.52 -2.67	55.62 0.75 -1.07	47.94 0.79 -0.60	42.01 0.45 -0.46	36.82 0.25 -1.05	34.70 0.10 -0.06	33.78 0.23 -0.01
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.60 0.38 0.00	28.00 0.22 0.00	27.63 0.08 0.00	27.62 -0.14 0.00	28.87 -0.17 0.00	32.76 -0.53 0.00	43.93 -1.88 0.00	50.68 -1.19 0.00	40.50 -0.53 0.00	33.45 -0.54 0.00	31.95 -0.55 0.00	29.96 -0.46 0.00	29.30 -0.91 0.00	29.52 -0.85 0.00	31.44 -1.31 0.00	32.64 -2.23 -0.58	43.39 -2.74 -0.44	55.99 -4.36 -2.25	51.05 -3.66 -0.91	43.94 -3.12 -0.51	38.61 -2.88 -0.39	34.05 -2.45 -0.99	32.24 -2.35 -0.05	31.60 -1.94 -0.01
SAWYER___23_KV_LOAD 55526	29.60 0.38 0.00	28.00 0.22 0.00	27.63 0.08 0.00	27.62 -0.14 0.00	28.87 -0.17 0.00	32.76 -0.53 0.00	43.93 -1.88 0.00	50.68 -1.19 0.00	40.50 -0.53 0.00	33.45 -0.54 0.00	31.95 -0.55 0.00	29.96 -0.46 0.00	29.30 -0.91 0.00	29.52 -0.85 0.00	31.44 -1.31 0.00	32.64 -2.23 -0.58	43.39 -2.74 -0.44	55.99 -4.36 -2.25	51.05 -3.66 -0.91	43.94 -3.12 -0.51	38.61 -2.88 -0.39	34.05 -2.45 -0.99	32.24 -2.35 -0.05	31.60 -1.94 -0.01
SELKIRK___I 23801	29.75 0.53 0.00	28.31 0.53 0.00	28.04 0.50 0.00	28.32 0.56 0.00	29.62 0.58 0.00	33.93 0.63 0.00	46.90 1.10 0.00	53.07 1.19 0.00	41.93 0.90 0.00	34.67 0.68 0.00	33.18 0.68 0.00	31.08 0.67 0.00	30.96 0.76 0.00	31.14 0.76 0.00	33.64 0.88 0.00	37.99 0.96 -2.74	49.24 1.28 -2.26	71.43 1.57 -11.77	60.02 1.50 -4.72	50.51 1.30 -2.65	44.22 1.11 -2.01	41.00 0.96 -4.52	35.72 0.93 -0.25	34.31 0.74 -0.04
SELKIRK___II 23799	29.72 0.50 0.00	28.28 0.50 0.00	28.01 0.47 0.00	28.29 0.53 0.00	29.59 0.55 0.00	33.90 0.60 0.00	46.86 1.05 0.00	53.01 1.14 0.00	41.89 0.86 0.00	34.63 0.64 0.00	33.12 0.62 0.00	31.05 0.64 0.00	30.90 0.70 0.00	31.10 0.73 0.00	33.60 0.85 0.00	37.95 0.93 -2.73	49.24 1.28 -2.26	71.42 1.57 -11.76	60.02 1.50 -4.72	50.50 1.30 -2.65	44.22 1.11 -2.01	40.99 0.96 -4.52	35.68 0.90 -0.25	34.28 0.71 -0.04
SENECA OSWGO___HYD 24041	29.02 -0.20 0.00	27.53 -0.25 0.00	27.32 -0.22 0.00	27.48 -0.28 0.00	28.73 -0.32 0.00	32.86 -0.43 0.00	44.75 -1.05 0.00	50.99 -0.88 0.00	40.25 -0.78 0.00	33.38 -0.61 0.00	31.92 -0.58 0.00	29.83 -0.58 0.00	29.57 -0.64 0.00	29.77 -0.61 0.00	32.06 -0.69 0.00	33.91 -0.79 -0.41	45.03 -1.01 -0.34	58.57 -1.28 -1.76	53.32 -1.18 -0.71	45.92 -1.02 -0.40	40.46 -0.94 -0.30	35.31 -0.89 -0.68	33.84 -0.73 -0.04	32.87 -0.67 -0.01
SENECA___115KV_TB3 355854	30.04 0.82 0.00	28.42 0.64 0.00	28.04 0.50 0.00	28.04 0.28 0.00	29.31 0.26 0.00	33.30 0.00 0.00	44.80 -1.01 0.00	51.66 -0.21 0.00	41.27 0.25 0.00	34.09 0.10 0.00	32.57 0.07 0.00	30.50 0.09 0.00	29.81 -0.39 0.00	30.04 -0.33 0.00	32.00 -0.75 0.00	33.10 -1.78 -0.59	44.05 -2.10 -0.45	56.94 -3.49 -2.34	51.84 -2.91 -0.94	44.61 -2.47 -0.53	39.12 -2.38 -0.41	34.47 -2.06 -1.01	32.72 -1.86 -0.06	32.10 -1.44 -0.01
SENECA___ENERGY 23797	29.57 0.35 0.00	28.03 0.25 0.00	27.82 0.28 0.00	27.96 0.20 0.00	29.22 0.18 0.00	33.43 0.13 0.00	45.62 -0.18 0.00	52.08 0.21 0.00	41.23 0.21 0.00	34.19 0.21 0.00	32.63 0.13 0.00	30.44 0.03 0.00	30.09 -0.12 0.00	30.28 -0.09 0.00	32.56 -0.20 0.00	34.44 -0.38 -0.53	45.68 -0.46 -0.44	59.79 -0.58 -2.28	54.18 -0.54 -0.91	46.60 -0.47 -0.51	41.04 -0.45 -0.39	35.93 -0.46 -0.88	34.13 -0.45 -0.05	33.14 -0.40 -0.01
SHOEMAKER___GT 23640	29.95 0.73 0.00	28.50 0.72 0.00	28.21 0.66 0.00	28.46 0.69 0.00	29.83 0.78 0.00	34.09 0.80 0.00	47.45 1.65 0.00	53.53 1.66 0.00	42.26 1.23 0.00	35.08 1.09 0.00	33.48 0.97 0.00	31.42 1.00 0.00	31.26 1.06 0.00	31.41 1.03 0.00	33.93 1.18 0.00	37.67 1.30 -2.08	49.15 1.74 -1.72	69.29 2.26 -8.93	59.32 1.93 -3.58	50.24 1.67 -2.01	44.06 1.44 -1.53	40.30 1.35 -3.43	35.97 1.24 -0.19	34.61 1.04 -0.03

SHOEMAKR_138KV_BK 111 55601	29.95 0.73 0.00	28.50 0.72 0.00	28.21 0.66 0.00	28.48 0.72 0.00	29.83 0.78 0.00	34.10 0.80 0.00	47.45 1.65 0.00	53.53 1.66 0.00	42.26 1.23 0.00	35.11 1.12 0.00	33.48 0.98 0.00	31.45 1.03 0.00	31.26 1.06 0.00	31.44 1.06 0.00	33.93 1.18 0.00	37.66 1.30 -2.06	49.14 1.74 -1.71	69.24 2.27 -8.88	59.30 1.94 -3.56	50.23 1.68 -2.00	44.06 1.44 -1.52	40.28 1.35 -3.41	35.93 1.21 -0.19	34.50 0.94 -0.03
SHOREHAM_IC_1 23715	31.90 2.69 0.00	29.91 2.14 0.00	29.50 1.96 0.00	29.84 2.08 0.00	31.51 2.47 0.00	36.76 3.30 -0.17	50.84 4.44 -0.59	56.38 4.46 -0.04	47.28 3.94 -2.31	37.82 3.81 -0.03	36.33 3.58 -0.25	34.31 3.50 -0.40	33.99 3.44 -0.34	34.27 3.49 -0.40	39.16 3.77 -2.64	51.47 3.98 -13.20	57.20 5.21 -6.29	74.70 6.62 -9.99	66.19 6.08 -6.31	63.57 5.35 -11.67	57.15 4.52 -11.53	55.14 4.19 -15.43	48.13 3.90 -9.70	37.59 3.79 -0.27
SHOREHAM_IC_2 23716	31.90 2.69 0.00	29.91 2.14 0.00	29.50 1.96 0.00	29.84 2.08 0.00	31.51 2.47 0.00	36.76 3.30 -0.17	50.84 4.44 -0.59	56.38 4.46 -0.04	47.28 3.94 -2.31	37.82 3.81 -0.03	36.33 3.58 -0.25	34.31 3.50 -0.40	33.99 3.44 -0.34	34.27 3.49 -0.40	39.16 3.77 -2.64	51.47 3.98 -13.20	57.20 5.21 -6.29	74.70 6.62 -9.99	66.19 6.08 -6.31	63.57 5.35 -11.67	57.15 4.52 -11.53	55.14 4.19 -15.43	48.13 3.90 -9.70	37.59 3.79 -0.27
SISSONVILLE____ 23735	27.56 -1.67 0.00	26.17 -1.61 0.00	26.14 -1.40 0.00	26.48 -1.28 0.00	27.74 -1.31 0.00	33.20 -0.10 0.00	46.77 0.96 0.00	53.01 1.14 0.00	43.16 2.13 0.00	35.35 1.36 0.00	33.96 1.46 0.00	31.02 0.61 0.00	30.78 0.57 0.00	31.01 0.64 0.00	33.70 0.95 0.00	36.29 1.89 -0.12	48.08 2.28 -0.10	62.02 3.43 -0.50	57.23 3.23 -0.20	49.36 2.70 -0.11	44.59 3.41 -0.09	37.66 1.95 -0.19	35.82 1.28 -0.01	35.04 1.51 0.00
SITHE_IND_GS1 24169	28.64 -0.58 0.00	27.19 -0.58 0.00	26.97 -0.58 0.00	27.15 -0.61 0.00	28.38 -0.67 0.00	32.47 -0.83 0.00	44.25 -1.56 0.00	50.11 -1.76 0.00	39.68 -1.35 0.00	32.90 -1.09 0.00	31.46 -1.04 0.00	29.44 -0.97 0.00	29.21 -1.00 0.00	29.37 -1.00 0.00	31.61 -1.15 0.00	33.38 -1.27 -0.36	44.30 -1.69 -0.30	57.42 -2.21 -1.53	52.37 -2.04 -0.62	45.17 -1.72 -0.35	39.80 -1.56 -0.26	34.79 -1.31 -0.59	33.39 -1.17 -0.03	32.53 -1.01 -0.01
SITHE_IND_GS2 24170	28.64 -0.58 0.00	27.19 -0.58 0.00	26.97 -0.58 0.00	27.15 -0.61 0.00	28.38 -0.67 0.00	32.47 -0.83 0.00	44.25 -1.56 0.00	50.11 -1.76 0.00	39.68 -1.35 0.00	32.90 -1.09 0.00	31.46 -1.04 0.00	29.44 -0.97 0.00	29.21 -1.00 0.00	29.37 -1.00 0.00	31.61 -1.15 0.00	33.38 -1.27 -0.36	44.30 -1.69 -0.30	57.42 -2.21 -1.53	52.37 -2.04 -0.62	45.17 -1.72 -0.35	39.80 -1.56 -0.26	34.79 -1.31 -0.59	33.39 -1.17 -0.03	32.53 -1.01 -0.01
SITHE_IND_GS3 24171	28.64 -0.58 0.00	27.19 -0.58 0.00	26.97 -0.58 0.00	27.15 -0.61 0.00	28.38 -0.67 0.00	32.47 -0.83 0.00	44.25 -1.56 0.00	50.11 -1.76 0.00	39.68 -1.35 0.00	32.90 -1.09 0.00	31.46 -1.04 0.00	29.44 -0.97 0.00	29.21 -1.00 0.00	29.37 -1.00 0.00	31.61 -1.15 0.00	33.38 -1.27 -0.36	44.30 -1.69 -0.30	57.42 -2.21 -1.53	52.37 -2.04 -0.62	45.17 -1.72 -0.35	39.80 -1.56 -0.26	34.79 -1.31 -0.59	33.39 -1.17 -0.03	32.53 -1.01 -0.01
SITHE_IND_GS4 24172	28.64 -0.58 0.00	27.19 -0.58 0.00	26.97 -0.58 0.00	27.15 -0.61 0.00	28.38 -0.67 0.00	32.47 -0.83 0.00	44.25 -1.56 0.00	50.11 -1.76 0.00	39.68 -1.35 0.00	32.90 -1.09 0.00	31.46 -1.04 0.00	29.44 -0.97 0.00	29.21 -1.00 0.00	29.37 -1.00 0.00	31.61 -1.15 0.00	33.38 -1.27 -0.36	44.30 -1.69 -0.30	57.42 -2.21 -1.53	52.37 -2.04 -0.62	45.17 -1.72 -0.35	39.80 -1.56 -0.26	34.79 -1.31 -0.59	33.39 -1.17 -0.03	32.53 -1.01 -0.01
SITHE____BATAVIA 24024	29.98 0.76 0.00	28.36 0.58 0.00	28.23 0.69 0.00	28.18 0.42 0.00	29.28 0.23 0.00	33.30 0.00 0.00	45.03 -0.78 0.00	51.98 0.10 0.00	41.48 0.45 0.00	34.23 0.24 0.00	32.66 0.16 0.00	30.51 0.09 0.00	29.93 -0.27 0.00	30.10 -0.27 0.00	32.10 -0.65 0.00	33.57 -1.27 -0.55	44.71 -1.42 -0.43	57.95 -2.38 -2.24	52.77 -1.93 -0.90	45.52 -1.53 -0.51	40.01 -1.48 -0.39	35.09 -1.35 -0.93	33.20 -1.38 -0.05	32.40 -1.14 -0.01
SITHE____INDEPEND 23800	28.64 -0.58 0.00	27.20 -0.58 0.00	26.94 -0.61 0.00	27.12 -0.64 0.00	28.38 -0.67 0.00	32.46 -0.83 0.00	44.25 -1.56 0.00	50.11 -1.76 0.00	39.67 -1.35 0.00	32.90 -1.09 0.00	31.46 -1.04 0.00	29.44 -0.97 0.00	29.21 -1.00 0.00	29.37 -1.00 0.00	31.61 -1.15 0.00	33.38 -1.27 -0.36	44.30 -1.69 -0.30	57.42 -2.21 -1.53	52.37 -2.04 -0.61	45.17 -1.72 -0.35	39.80 -1.56 -0.26	34.79 -1.31 -0.59	33.39 -1.17 -0.03	32.57 -0.97 -0.01
SITHE____MASSENA 23902	27.41 -1.81 0.00	26.03 -1.75 0.00	26.00 -1.54 0.00	26.04 -1.72 0.00	27.62 -1.42 0.00	33.10 -0.20 0.00	46.54 0.73 0.00	52.24 0.37 0.00	42.18 1.15 0.00	34.63 0.64 0.00	33.38 0.88 0.00	30.57 0.15 0.00	30.39 0.18 0.00	30.62 0.24 0.00	33.25 0.49 0.00	35.69 1.30 -0.09	47.05 1.28 -0.08	61.04 2.55 -0.39	56.32 2.36 -0.16	48.64 2.00 -0.09	44.00 2.83 -0.07	37.23 1.56 -0.15	35.37 0.83 -0.01	34.61 1.07 0.00
SITHE____OGDNSBRG 24021	27.85 -1.37 0.00	26.45 -1.33 0.00	26.44 -1.10 0.00	26.79 -0.97 0.00	28.09 -0.96 0.00	33.66 0.37 0.00	47.59 1.79 0.00	53.69 1.82 0.00	44.97 3.94 0.00	36.67 2.69 0.00	35.07 2.57 0.00	31.87 1.46 0.00	31.63 1.42 0.00	31.83 1.46 0.00	34.65 1.90 0.00	37.42 3.02 -0.11	49.94 4.16 -0.09	62.68 4.12 -0.46	57.91 3.93 -0.18	49.91 3.26 -0.10	45.16 3.99 -0.08	38.11 2.42 -0.18	36.24 1.69 -0.01	35.45 1.91 0.00
SITHE____STERLING 23777	30.10 0.88 0.00	28.59 0.81 0.00	28.37 0.83 0.00	28.57 0.81 0.00	29.91 0.87 0.00	34.36 1.07 0.00	47.27 1.47 0.00	54.00 2.13 0.00	42.59 1.56 0.00	35.21 1.22 0.00	33.57 1.07 0.00	31.23 0.82 0.00	30.99 0.78 0.00	31.14 0.76 0.00	33.57 0.82 0.00	35.56 1.00 -0.27	47.48 1.55 -0.22	61.29 2.03 -1.17	56.31 2.04 -0.47	48.44 1.63 -0.26	42.70 1.40 -0.20	36.92 0.96 -0.45	35.49 0.93 -0.02	34.34 0.80 0.00
SLEIGHT__34_KV_TB1 80719	29.34 0.12 0.00	27.81 0.03 0.00	27.55 0.00 0.00	27.62 -0.14 0.00	28.90 -0.15 0.00	33.03 -0.27 0.00	45.07 -0.73 0.00	51.56 -0.31 0.00	40.86 -0.16 0.00	33.85 -0.14 0.00	32.31 -0.20 0.00	30.17 -0.24 0.00	29.81 -0.39 0.00	30.01 -0.36 0.00	32.20 -0.56 0.00	34.09 -0.72 -0.52	45.26 -0.87 -0.43	59.04 -1.28 -2.23	53.56 -1.13 -0.89	46.07 -0.98 -0.50	40.57 -0.90 -0.38	35.52 -0.85 -0.85	33.61 -0.97 -0.05	32.77 -0.77 -0.01
SOUTH CAIRO____GT 23612	30.89 1.66 0.00	29.33 1.55 0.00	29.06 1.51 0.00	29.37 1.61 0.00	30.82 1.77 0.00	35.36 2.07 0.00	49.06 3.25 0.00	55.35 3.48 0.00	43.53 2.50 0.00	35.52 1.53 0.00	33.70 1.20 0.00	31.48 1.06 0.00	31.47 1.27 0.00	31.74 1.37 0.00	34.46 1.70 0.00	39.03 2.13 -2.61	51.33 3.47 -2.16	74.02 4.70 -11.22	62.87 4.57 -4.50	52.71 3.63 -2.53	46.02 3.00 -1.92	42.31 2.49 -4.31	36.98 2.21 -0.24	35.48 1.91 -0.04

SOUTH HAMPTN___IC 23720	32.26 3.04 0.00	30.22 2.45 0.00	29.83 2.28 0.00	30.20 2.44 0.00	31.86 2.82 0.00	37.15 3.70 -0.16	51.57 5.17 -0.59	57.10 5.19 -0.04	47.82 4.51 -2.28	38.27 4.25 -0.03	36.75 4.00 -0.25	34.70 3.89 -0.39	34.35 3.81 -0.33	34.66 3.89 -0.39	39.55 4.19 -2.60	51.81 4.43 -13.09	57.88 5.94 -6.24	75.62 7.55 -9.98	67.03 6.94 -6.28	64.17 6.05 -11.57	57.67 5.14 -11.44	55.61 4.76 -15.34	48.44 4.32 -9.59	38.06 4.26 -0.27
SOUTHDOW_115KV_TB1 355954	31.27 2.05 0.00	29.58 1.81 0.00	29.17 1.63 0.00	29.18 1.42 0.00	30.58 1.54 0.00	34.86 1.56 0.00	47.32 1.51 0.00	54.78 2.90 0.00	43.33 2.30 0.00	35.86 1.87 0.00	34.22 1.72 0.00	32.03 1.61 0.00	31.23 1.03 0.00	31.41 1.03 0.00	33.41 0.66 0.00	34.50 -0.41 -0.62	45.90 -0.27 -0.48	59.57 -0.99 -2.47	53.88 -0.91 -0.99	46.27 -0.84 -0.56	40.42 -1.11 -0.43	35.50 -1.07 -1.05	33.69 -0.90 -0.06	32.94 -0.60 -0.01
SOUTHOLD_69_KV_BK 2 55809	32.72 3.51 0.00	30.66 2.89 0.00	30.30 2.75 0.00	30.67 2.91 0.00	32.35 3.31 0.00	37.72 4.26 -0.16	52.44 6.05 -0.59	58.45 6.54 -0.04	48.60 5.29 -2.28	38.84 4.83 -0.03	37.30 4.55 -0.25	35.25 4.44 -0.39	34.83 4.29 -0.33	35.17 4.40 -0.39	40.10 4.75 -2.60	52.42 5.04 -13.09	58.83 6.90 -6.23	76.91 8.83 -9.98	68.14 8.07 -6.27	65.19 7.08 -11.56	58.49 5.96 -11.43	56.32 5.47 -15.33	49.03 4.90 -9.59	38.13 4.33 -0.27
SOUTHOLD___IC 23719	32.72 3.51 0.00	30.66 2.89 0.00	30.27 2.73 0.00	30.64 2.89 0.00	32.35 3.31 0.00	37.76 4.30 -0.16	52.39 6.00 -0.59	58.08 6.17 -0.04	48.60 5.29 -2.28	38.84 4.82 -0.03	37.30 4.55 -0.25	35.25 4.44 -0.39	34.83 4.29 -0.33	35.17 4.40 -0.39	40.10 4.75 -2.60	52.45 5.07 -13.09	58.84 6.90 -6.24	76.90 8.83 -9.98	68.15 8.07 -6.28	65.19 7.07 -11.56	58.53 6.00 -11.43	56.32 5.47 -15.33	49.06 4.94 -9.59	38.63 4.83 -0.27
SOUTH_FORK_WT_PWR 323839	32.81 3.59 0.00	30.72 2.94 0.00	30.38 2.84 0.00	30.73 2.97 0.00	32.41 3.37 0.00	37.82 4.36 -0.16	52.71 6.32 -0.59	58.61 6.69 -0.04	48.68 5.37 -2.28	38.91 4.89 -0.03	37.37 4.62 -0.25	35.31 4.50 -0.39	34.89 4.35 -0.33	35.24 4.47 -0.39	40.17 4.81 -2.60	52.49 5.11 -13.09	58.92 6.99 -6.23	77.08 9.00 -9.98	68.31 8.23 -6.27	65.33 7.22 -11.57	58.62 6.08 -11.44	56.50 5.65 -15.33	49.10 4.97 -9.59	38.19 4.39 -0.27
SPIERFLS_115KV_TB 1 80737	31.24 2.02 0.00	29.70 1.92 0.00	29.45 1.90 0.00	29.71 1.94 0.00	31.14 2.09 0.00	35.93 2.63 0.00	49.75 3.94 0.00	56.18 4.31 0.00	44.35 3.32 0.00	36.40 2.41 0.00	34.78 2.28 0.00	32.42 2.01 0.00	32.26 2.05 0.00	32.41 2.04 0.00	35.15 2.39 0.00	38.77 1.65 -2.83	50.37 2.33 -2.34	73.23 2.96 -12.18	61.59 2.91 -4.88	51.62 2.33 -2.75	45.15 1.97 -2.08	41.83 1.63 -4.68	36.45 1.66 -0.26	36.16 2.58 -0.04
ST LAWRENCE___ 23600	27.00 -2.22 0.00	25.67 -2.11 0.00	25.64 -1.90 0.00	25.68 -2.08 0.00	27.24 -1.80 0.00	32.66 -0.63 0.00	45.94 0.14 0.00	51.61 -0.26 0.00	41.56 0.53 0.00	34.13 0.14 0.00	32.89 0.39 0.00	30.17 -0.24 0.00	30.00 -0.21 0.00	30.22 -0.15 0.00	32.82 0.07 0.00	35.20 0.82 -0.09	46.50 0.73 -0.07	60.32 1.86 -0.37	55.62 1.67 -0.15	48.03 1.40 -0.08	43.34 2.18 -0.06	36.72 1.06 -0.14	34.89 0.35 -0.01	34.14 0.60 0.00
STATE_CA_115KV_115_LB 55624	29.75 0.53 0.00	28.31 0.53 0.00	28.07 0.52 0.00	28.32 0.56 0.00	29.62 0.58 0.00	34.00 0.70 0.00	46.95 1.15 0.00	53.17 1.30 0.00	42.01 0.98 0.00	34.67 0.68 0.00	33.22 0.72 0.00	31.11 0.70 0.00	30.99 0.79 0.00	31.17 0.79 0.00	33.74 0.98 0.00	38.16 1.10 -2.77	49.54 1.55 -2.29	71.93 1.92 -11.92	60.41 1.83 -4.78	50.73 1.49 -2.69	44.45 1.32 -2.04	41.20 1.10 -4.58	35.79 1.00 -0.25	34.35 0.77 -0.04
STATE_ST_34_KV_LOAD 55959	29.75 0.53 0.00	28.22 0.44 0.00	27.96 0.41 0.00	28.09 0.33 0.00	29.39 0.35 0.00	33.66 0.37 0.00	46.49 0.69 0.00	52.49 0.62 0.00	41.44 0.41 0.00	34.40 0.41 0.00	32.83 0.33 0.00	30.66 0.24 0.00	30.36 0.15 0.00	30.56 0.18 0.00	32.92 0.16 0.00	34.89 0.07 -0.53	46.31 0.18 -0.43	60.58 0.23 -2.26	54.92 0.22 -0.91	47.20 0.14 -0.51	41.57 0.08 -0.39	36.70 0.32 -0.87	34.58 0.00 -0.05	33.64 0.10 -0.01
STATION 5_MISC_HYD 23604	29.54 0.32 0.00	27.97 0.20 0.00	27.82 0.28 0.00	27.85 0.08 0.00	28.96 -0.09 0.00	33.03 -0.27 0.00	44.89 -0.92 0.00	51.35 -0.52 0.00	40.91 -0.12 0.00	33.85 -0.14 0.00	32.31 -0.19 0.00	30.23 -0.18 0.00	29.78 -0.42 0.00	29.95 -0.43 0.00	32.03 -0.72 0.00	33.82 -1.00 -0.52	44.90 -1.23 -0.44	58.44 -1.92 -2.26	53.10 -1.61 -0.91	45.71 -1.35 -0.51	40.25 -1.23 -0.39	35.35 -1.03 -0.86	33.34 -1.24 -0.05	32.57 -0.97 -0.01
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.75 0.53 0.00	28.17 0.39 0.00	27.90 0.36 0.00	27.98 0.22 0.00	29.28 0.23 0.00	33.46 0.17 0.00	45.58 -0.23 0.00	52.18 0.31 0.00	41.44 0.41 0.00	34.33 0.34 0.00	32.76 0.26 0.00	30.60 0.18 0.00	30.18 -0.03 0.00	30.35 -0.03 0.00	32.56 -0.20 0.00	34.44 -0.38 -0.52	45.72 -0.41 -0.43	59.69 -0.64 -2.24	54.11 -0.59 -0.90	46.59 -0.47 -0.51	41.03 -0.45 -0.38	35.92 -0.46 -0.86	33.99 -0.59 -0.05	33.11 -0.44 -0.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.34 0.12 0.00	27.78 0.00 0.00	27.52 -0.03 0.00	27.57 -0.19 0.00	28.81 -0.23 0.00	32.86 -0.43 0.00	44.71 -1.10 0.00	51.15 -0.73 0.00	40.70 -0.33 0.00	33.68 -0.31 0.00	32.18 -0.33 0.00	30.08 -0.33 0.00	29.66 -0.54 0.00	29.83 -0.55 0.00	31.94 -0.82 0.00	33.75 -1.06 -0.52	44.80 -1.33 -0.43	58.37 -1.98 -2.25	52.98 -1.72 -0.90	45.61 -1.44 -0.51	40.17 -1.32 -0.39	35.24 -1.14 -0.86	33.27 -1.31 -0.05	32.44 -1.11 -0.01
STA_56___34_KV_BUS2 355983	29.34 0.12 0.00	27.78 0.00 0.00	27.52 -0.03 0.00	27.57 -0.19 0.00	28.81 -0.23 0.00	32.86 -0.43 0.00	44.71 -1.10 0.00	51.15 -0.73 0.00	40.70 -0.33 0.00	33.68 -0.31 0.00	32.18 -0.33 0.00	30.08 -0.33 0.00	29.66 -0.54 0.00	29.83 -0.55 0.00	31.94 -0.82 0.00	33.75 -1.06 -0.52	44.80 -1.33 -0.43	58.37 -1.98 -2.25	52.98 -1.72 -0.90	45.61 -1.44 -0.51	40.17 -1.32 -0.39	35.24 -1.14 -0.86	33.27 -1.31 -0.05	32.44 -1.11 -0.01
STA_67___115KV_BK2 355882	29.48 0.26 0.00	27.92 0.14 0.00	27.63 0.08 0.00	27.68 -0.08 0.00	28.93 -0.12 0.00	32.96 -0.33 0.00	44.75 -1.05 0.00	51.25 -0.62 0.00	40.78 -0.25 0.00	33.75 -0.24 0.00	32.24 -0.26 0.00	30.14 -0.27 0.00	29.72 -0.48 0.00	29.89 -0.49 0.00	31.97 -0.79 0.00	33.75 -1.06 -0.52	44.81 -1.33 -0.44	58.32 -2.03 -2.26	52.99 -1.72 -0.91	45.62 -1.44 -0.51	40.17 -1.32 -0.39	35.28 -1.10 -0.86	33.30 -1.28 -0.05	32.47 -1.07 -0.01
STA_7___115KV_9TRANS 80674	29.66 0.44 0.00	28.06 0.28 0.00	27.77 0.22 0.00	27.82 0.06 0.00	29.07 0.03 0.00	33.16 -0.13 0.00	45.12 -0.69 0.00	51.61 -0.26 0.00	41.11 0.08 0.00	34.02 0.03 0.00	32.47 -0.03 0.00	30.38 -0.03 0.00	29.93 -0.27 0.00	30.10 -0.27 0.00	32.20 -0.56 0.00	34.03 -0.79 -0.52	45.17 -0.96 -0.44	58.79 -1.57 -2.26	53.42 -1.29 -0.91	45.99 -1.07 -0.51	40.50 -0.99 -0.39	35.57 -0.82 -0.86	33.51 -1.07 -0.05	32.70 -0.84 -0.01

STA_82___115KV_TB1 80780	29.48 0.26 0.00	27.92 0.14 0.00	27.63 0.08 0.00	27.68 -0.08 0.00	28.93 -0.12 0.00	33.00 -0.30 0.00	44.80 -1.01 0.00	51.30 -0.57 0.00	40.82 -0.21 0.00	33.79 -0.20 0.00	32.24 -0.26 0.00	30.17 -0.24 0.00	29.72 -0.48 0.00	29.89 -0.49 0.00	32.00 -0.75 0.00	33.79 -1.03 -0.52	44.85 -1.28 -0.43	58.31 -2.03 -2.26	53.04 -1.67 -0.90	45.66 -1.40 -0.51	40.17 -1.32 -0.39	35.32 -1.07 -0.87	33.30 -1.28 -0.05	32.50 -1.04 -0.01
STEEL___WIND 323596	30.01 0.79 0.00	28.39 0.61 0.00	28.23 0.69 0.00	28.20 0.44 0.00	29.28 0.23 0.00	33.26 -0.03 0.00	44.75 -1.05 0.00	51.67 -0.21 0.00	41.23 0.21 0.00	34.06 0.07 0.00	32.50 0.00 0.00	30.47 0.06 0.00	29.78 -0.42 0.00	30.01 -0.36 0.00	31.94 -0.82 0.00	33.03 -1.85 -0.59	44.00 -2.15 -0.45	56.88 -3.55 -2.34	51.78 -2.96 -0.94	44.57 -2.51 -0.53	39.04 -2.46 -0.41	34.43 -2.10 -1.01	32.86 -1.73 -0.06	32.03 -1.51 -0.01
STEPHTWN_115KV_BK_2 55603	29.92 0.70 0.00	28.47 0.69 0.00	28.23 0.69 0.00	28.48 0.72 0.00	29.83 0.78 0.00	34.26 0.97 0.00	47.36 1.56 0.00	53.64 1.76 0.00	42.34 1.31 0.00	34.94 0.95 0.00	33.44 0.94 0.00	31.33 0.91 0.00	31.20 1.00 0.00	31.41 1.03 0.00	34.00 1.24 0.00	38.44 1.41 -2.74	50.02 2.06 -2.27	72.57 2.67 -11.80	61.06 2.53 -4.73	51.26 2.05 -2.66	44.93 1.81 -2.02	41.51 1.46 -4.53	36.17 1.38 -0.25	34.68 1.11 -0.04
STEBEN_REC_LFGE 323667	30.92 1.69 0.00	29.28 1.50 0.00	28.92 1.38 0.00	29.01 1.25 0.00	30.38 1.34 0.00	34.73 1.43 0.00	47.18 1.37 0.00	54.41 2.54 0.00	43.04 2.01 0.00	35.59 1.60 0.00	33.87 1.37 0.00	31.60 1.19 0.00	30.96 0.76 0.00	31.23 0.85 0.00	33.47 0.72 0.00	35.19 0.17 -0.72	46.74 0.46 -0.59	61.44 0.29 -3.06	55.40 0.38 -1.23	47.52 0.28 -0.69	41.66 0.04 -0.52	36.58 -0.14 -1.21	34.46 -0.14 -0.07	33.48 -0.07 -0.01
STILLWATER___SOLAR 323814	30.80 1.58 0.00	29.28 1.50 0.00	29.00 1.46 0.00	29.29 1.53 0.00	30.70 1.65 0.00	35.29 2.00 0.00	48.78 2.98 0.00	55.20 3.32 0.00	43.57 2.54 0.00	35.86 1.87 0.00	34.29 1.79 0.00	32.05 1.64 0.00	31.93 1.72 0.00	32.11 1.73 0.00	34.75 2.00 0.00	38.99 1.88 -2.82	50.77 2.74 -2.33	73.64 3.43 -12.12	61.94 3.28 -4.86	52.03 2.75 -2.73	45.55 2.38 -2.07	42.16 1.99 -4.66	36.69 1.90 -0.26	35.59 2.01 -0.04
STONY___BROOK 24151	31.70 2.48 0.00	29.72 1.94 0.00	29.33 1.79 0.00	29.67 1.91 0.00	31.31 2.27 0.00	36.47 3.00 -0.17	50.69 4.21 -0.68	56.17 4.25 -0.05	47.48 3.82 -2.64	37.62 3.60 -0.03	36.11 3.35 -0.26	34.14 3.32 -0.42	33.85 3.29 -0.35	34.10 3.31 -0.42	39.36 3.64 -2.97	52.59 3.81 -14.50	57.50 4.89 -6.91	74.08 5.98 -10.00	65.93 5.49 -6.64	64.25 4.80 -12.91	57.91 4.19 -12.62	56.06 4.01 -16.53	49.15 3.73 -10.89	37.33 3.52 -0.28
STURGEON_POOL_HYD 23609	30.01 0.79 0.00	28.58 0.81 0.00	28.32 0.77 0.00	28.59 0.83 0.00	29.92 0.87 0.00	34.16 0.87 0.00	47.50 1.69 0.00	53.64 1.76 0.00	42.34 1.31 0.00	35.18 1.19 0.00	33.54 1.04 0.00	31.48 1.06 0.00	31.32 1.12 0.00	31.50 1.12 0.00	34.03 1.28 0.00	38.06 1.41 -2.36	49.52 1.87 -1.95	70.68 2.44 -10.15	59.97 2.10 -4.07	50.65 1.82 -2.29	44.40 1.56 -1.74	40.80 1.39 -3.90	36.13 1.38 -0.22	34.54 0.97 -0.04
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.01 0.79 0.00	28.58 0.81 0.00	28.26 0.72 0.00	28.54 0.78 0.00	29.89 0.84 0.00	34.20 0.90 0.00	47.50 1.69 0.00	53.74 1.87 0.00	42.42 1.39 0.00	35.25 1.26 0.00	33.61 1.11 0.00	31.60 1.19 0.00	31.41 1.21 0.00	31.56 1.18 0.00	34.10 1.34 0.00	37.88 1.47 -2.12	49.37 1.92 -1.75	69.75 2.56 -9.10	59.60 2.15 -3.65	50.46 1.86 -2.05	44.26 1.60 -1.56	40.43 1.42 -3.50	36.11 1.38 -0.19	34.64 1.07 -0.03
SWANROAD_115KV_TB1 355699	28.96 -0.26 0.00	27.42 -0.36 0.00	27.05 -0.50 0.00	27.04 -0.72 0.00	28.23 -0.81 0.00	32.00 -1.30 0.00	42.83 -2.98 0.00	49.33 -2.54 0.00	39.55 -1.48 0.00	32.63 -1.36 0.00	31.17 -1.33 0.00	29.23 -1.19 0.00	28.57 -1.63 0.00	28.80 -1.58 0.00	30.66 -2.10 0.00	31.87 -2.98 -0.56	42.29 -3.84 -0.43	54.50 -5.81 -2.22	49.74 -4.95 -0.89	42.87 -4.19 -0.51	37.74 -3.74 -0.38	33.32 -3.16 -0.96	31.48 -3.11 -0.05	30.89 -2.65 -0.01
SYNERGY___BIOGAS 323694	29.98 0.76 0.00	28.36 0.58 0.00	28.23 0.69 0.00	28.18 0.42 0.00	29.28 0.23 0.00	33.30 0.00 0.00	45.03 -0.78 0.00	51.98 0.10 0.00	41.48 0.45 0.00	34.23 0.24 0.00	32.66 0.16 0.00	30.51 0.09 0.00	29.93 -0.27 0.00	30.10 -0.27 0.00	32.10 -0.65 0.00	33.57 -1.27 -0.55	44.71 -1.42 -0.43	57.95 -2.38 -2.24	52.77 -1.93 -0.90	45.52 -1.53 -0.51	40.01 -1.48 -0.39	35.09 -1.35 -0.93	33.20 -1.38 -0.05	32.40 -1.14 -0.01
SYRACUSE___ENERGY_ST1 323597	29.46 0.23 0.00	27.97 0.19 0.00	27.71 0.17 0.00	27.87 0.11 0.00	29.16 0.12 0.00	33.33 0.03 0.00	45.53 -0.27 0.00	51.77 -0.10 0.00	40.91 -0.12 0.00	33.96 -0.03 0.00	32.44 -0.07 0.00	30.32 -0.09 0.00	30.06 -0.15 0.00	30.22 -0.15 0.00	32.59 -0.16 0.00	34.48 -0.27 -0.47	45.76 -0.32 -0.39	59.63 -0.46 -2.01	54.17 -0.43 -0.80	46.63 -0.37 -0.45	41.07 -0.37 -0.34	35.93 -0.36 -0.77	34.33 -0.24 -0.04	33.41 -0.13 -0.01
SYRACUSE___ENERGY_ST2 323598	29.46 0.23 0.00	27.97 0.19 0.00	27.71 0.17 0.00	27.87 0.11 0.00	29.16 0.12 0.00	33.33 0.03 0.00	45.53 -0.27 0.00	51.77 -0.10 0.00	40.91 -0.12 0.00	33.96 -0.03 0.00	32.44 -0.07 0.00	30.32 -0.09 0.00	30.06 -0.15 0.00	30.22 -0.15 0.00	32.59 -0.16 0.00	34.48 -0.27 -0.47	45.76 -0.32 -0.39	59.63 -0.46 -2.01	54.17 -0.43 -0.80	46.63 -0.37 -0.45	41.07 -0.37 -0.34	35.93 -0.36 -0.77	34.33 -0.24 -0.04	33.41 -0.13 -0.01
SYRACUSE___POWER 24017	29.37 0.15 0.00	27.89 0.11 0.00	27.63 0.08 0.00	27.79 0.03 0.00	29.07 0.03 0.00	33.23 -0.07 0.00	45.39 -0.41 0.00	51.61 -0.26 0.00	40.78 -0.25 0.00	33.85 -0.14 0.00	32.37 -0.13 0.00	30.26 -0.15 0.00	29.99 -0.21 0.00	30.19 -0.18 0.00	32.52 -0.23 0.00	34.42 -0.34 -0.47	45.63 -0.46 -0.39	59.50 -0.64 -2.04	54.03 -0.59 -0.82	46.50 -0.51 -0.46	40.95 -0.49 -0.35	35.91 -0.39 -0.78	34.23 -0.35 -0.04	33.31 -0.23 -0.01
TALLMAN___138KV_BK151 55660	30.19 0.96 0.00	28.75 0.97 0.00	28.43 0.88 0.00	28.68 0.92 0.00	30.06 1.02 0.00	34.40 1.10 0.00	47.91 2.11 0.00	54.10 2.23 0.00	42.67 1.64 0.00	35.52 1.53 0.00	33.93 1.43 0.00	31.90 1.49 0.00	31.72 1.51 0.00	31.86 1.49 0.00	34.39 1.64 0.00	38.26 1.78 -2.18	49.74 2.24 -1.81	70.44 2.96 -9.38	60.04 2.47 -3.76	50.85 2.19 -2.12	44.55 1.85 -1.61	40.83 1.70 -3.60	36.36 1.62 -0.20	34.81 1.24 -0.03
TEALLAVE_115KV_TB7 355573	29.25 0.03 0.00	27.78 0.00 0.00	27.52 -0.03 0.00	27.68 -0.08 0.00	28.96 -0.09 0.00	33.10 -0.20 0.00	45.16 -0.64 0.00	51.30 -0.57 0.00	40.54 -0.49 0.00	33.68 -0.31 0.00	32.24 -0.26 0.00	30.14 -0.27 0.00	29.87 -0.33 0.00	30.04 -0.33 0.00	32.36 -0.39 0.00	34.17 -0.55 -0.43	45.32 -0.73 -0.36	58.96 -0.99 -1.85	53.63 -0.91 -0.74	46.18 -0.79 -0.42	40.63 -0.78 -0.32	35.62 -0.60 -0.71	34.05 -0.52 -0.04	33.17 -0.37 -0.01

TELGRAPH_34_KV_EAST 80808	29.60 0.38 0.00	28.03 0.25 0.00	27.66 0.11 0.00	27.65 -0.11 0.00	28.90 -0.15 0.00	32.83 -0.47 0.00	44.16 -1.65 0.00	50.94 -0.93 0.00	40.74 -0.29 0.00	33.65 -0.34 0.00	32.11 -0.39 0.00	30.05 -0.36 0.00	29.45 -0.76 0.00	29.62 -0.76 0.00	31.57 -1.18 0.00	32.96 -1.89 -0.55	43.75 -2.38 -0.43	56.61 -3.72 -2.23	51.58 -3.12 -0.90	44.45 -2.61 -0.51	39.10 -2.38 -0.39	34.36 -2.10 -0.94	32.48 -2.11 -0.05	31.83 -1.71 -0.01
TEMPLE___115KV_TB 2 55572	29.28 0.06 0.00	27.81 0.03 0.00	27.55 0.00 0.00	27.71 -0.06 0.00	28.99 -0.06 0.00	33.10 -0.20 0.00	45.16 -0.64 0.00	51.35 -0.52 0.00	40.58 -0.45 0.00	33.72 -0.27 0.00	32.24 -0.26 0.00	30.17 -0.24 0.00	29.90 -0.30 0.00	30.07 -0.30 0.00	32.39 -0.36 0.00	34.21 -0.51 -0.43	45.33 -0.73 -0.36	59.03 -0.93 -1.87	53.64 -0.91 -0.75	46.18 -0.79 -0.42	40.68 -0.74 -0.32	35.67 -0.57 -0.72	34.09 -0.48 -0.04	33.17 -0.37 -0.01
TIANA___69_KV_BK 1 55817	32.14 2.92 0.00	30.11 2.33 0.00	29.74 2.20 0.00	30.09 2.33 0.00	31.74 2.70 0.00	37.02 3.56 -0.16	51.39 4.99 -0.59	57.20 5.29 -0.04	47.66 4.35 -2.28	38.13 4.11 -0.03	36.62 3.87 -0.25	34.58 3.77 -0.39	34.26 3.72 -0.33	34.54 3.77 -0.39	39.38 4.03 -2.60	51.63 4.25 -13.09	57.64 5.71 -6.23	75.34 7.26 -9.98	66.75 6.67 -6.27	63.93 5.82 -11.57	57.47 4.93 -11.44	55.43 4.58 -15.33	48.30 4.18 -9.59	37.46 3.66 -0.27
TILDEN___115KV_TB1 80814	29.37 0.15 0.00	27.89 0.11 0.00	27.63 0.08 0.00	27.79 0.03 0.00	29.07 0.03 0.00	33.23 -0.07 0.00	45.39 -0.41 0.00	51.61 -0.26 0.00	40.78 -0.25 0.00	33.85 -0.14 0.00	32.37 -0.13 0.00	30.26 -0.15 0.00	29.99 -0.21 0.00	30.19 -0.18 0.00	32.52 -0.23 0.00	34.42 -0.34 -0.47	45.63 -0.46 -0.39	59.50 -0.64 -2.04	54.03 -0.59 -0.82	46.50 -0.51 -0.46	40.95 -0.49 -0.35	35.91 -0.39 -0.78	34.23 -0.35 -0.04	33.31 -0.23 -0.01
TRIGEN___CC 323695	31.02 1.78 -0.02	29.18 1.39 -0.02	28.86 1.29 -0.02	29.17 1.39 -0.02	30.69 1.63 -0.02	36.77 2.13 -1.34	48.74 2.93 0.00	54.98 3.11 0.00	43.86 2.83 0.00	36.73 2.72 -0.02	37.07 2.54 -2.03	36.07 2.49 -3.17	35.45 2.54 -2.71	36.04 2.49 -3.18	38.69 2.75 -3.19	42.76 2.85 -5.62	51.34 3.75 -1.90	72.74 4.76 -9.88	62.06 4.30 -3.96	53.55 3.68 -3.32	49.67 3.16 -5.40	46.10 2.88 -7.70	40.31 2.76 -3.01	37.56 2.21 -1.81
TRINITY___115KV__ 4 BK 55933	29.63 0.41 0.00	28.20 0.42 0.00	27.96 0.41 0.00	28.23 0.47 0.00	29.54 0.49 0.00	33.86 0.57 0.00	46.77 0.96 0.00	52.96 1.09 0.00	41.81 0.78 0.00	34.53 0.54 0.00	33.09 0.59 0.00	30.99 0.58 0.00	30.87 0.66 0.00	31.07 0.70 0.00	33.61 0.85 0.00	37.97 0.93 -2.75	49.30 1.33 -2.28	71.54 1.63 -11.83	60.05 1.51 -4.74	50.52 1.30 -2.67	44.23 1.11 -2.02	40.98 0.92 -4.54	35.65 0.86 -0.25	34.25 0.67 -0.04
UNION___PROCESSING_DRP 323587	29.51 0.29 0.00	27.95 0.17 0.00	27.66 0.11 0.00	27.71 -0.06 0.00	28.93 -0.12 0.00	33.00 -0.30 0.00	44.80 -1.01 0.00	51.30 -0.57 0.00	40.86 -0.16 0.00	33.79 -0.20 0.00	32.27 -0.23 0.00	30.17 -0.24 0.00	29.75 -0.45 0.00	29.92 -0.46 0.00	32.00 -0.75 0.00	33.79 -1.03 -0.52	44.85 -1.28 -0.43	58.37 -1.98 -2.26	53.04 -1.67 -0.90	45.66 -1.40 -0.51	40.21 -1.27 -0.39	35.32 -1.07 -0.87	33.30 -1.28 -0.05	32.50 -1.04 -0.01
UPPER HUDSON___HYD 24058	31.24 2.01 0.00	29.69 1.92 0.00	29.42 1.87 0.00	29.70 1.94 0.00	31.14 2.09 0.00	35.93 2.63 0.00	49.75 3.94 0.00	56.18 4.30 0.00	44.39 3.37 0.00	36.40 2.41 0.00	34.78 2.27 0.00	32.42 2.01 0.00	32.26 2.06 0.00	32.41 2.04 0.00	35.14 2.39 0.00	38.77 1.65 -2.83	50.37 2.33 -2.34	73.23 2.96 -12.18	61.59 2.90 -4.88	51.62 2.33 -2.75	45.15 1.97 -2.08	41.80 1.60 -4.68	36.45 1.66 -0.26	36.19 2.62 -0.04
UPPER RAQUET___HYD 24056	27.56 -1.66 0.00	26.17 -1.61 0.00	26.11 -1.43 0.00	26.18 -1.58 0.00	27.74 -1.31 0.00	33.20 -0.10 0.00	46.77 0.96 0.00	53.01 1.14 0.00	43.16 2.13 0.00	35.35 1.36 0.00	33.97 1.46 0.00	31.02 0.61 0.00	30.78 0.57 0.00	31.01 0.64 0.00	33.70 0.95 0.00	36.30 1.88 -0.12	48.08 2.28 -0.10	62.04 3.43 -0.52	57.24 3.23 -0.21	49.37 2.70 -0.12	44.60 3.41 -0.09	37.71 1.99 -0.20	35.65 1.10 -0.01	34.88 1.34 0.00
VALLEY44_115KV_TB2 355964	30.27 1.05 0.00	28.67 0.89 0.00	28.23 0.69 0.00	28.32 0.56 0.00	29.62 0.58 0.00	33.66 0.37 0.00	45.76 -0.05 0.00	52.55 0.67 0.00	41.60 0.57 0.00	34.47 0.48 0.00	32.83 0.33 0.00	30.84 0.43 0.00	30.09 -0.12 0.00	30.28 -0.09 0.00	32.26 -0.49 0.00	32.89 -2.02 -0.62	43.81 -2.38 -0.49	57.24 -3.37 -2.51	51.69 -3.12 -1.01	44.61 -2.51 -0.57	38.82 -2.71 -0.43	34.27 -2.31 -1.06	32.93 -1.66 -0.06	32.44 -1.11 -0.01
VALLEY___115KV_TB 1-4 80826	29.72 0.50 0.00	28.25 0.47 0.00	28.04 0.50 0.00	28.26 0.50 0.00	29.60 0.55 0.00	34.00 0.70 0.00	46.72 0.92 0.00	53.32 1.45 0.00	42.18 1.15 0.00	34.94 0.95 0.00	33.35 0.85 0.00	31.11 0.70 0.00	30.90 0.69 0.00	31.04 0.67 0.00	33.47 0.72 0.00	35.22 0.86 -0.07	46.99 1.23 -0.06	59.96 1.57 -0.30	55.54 1.61 -0.12	47.97 1.35 -0.07	42.34 1.19 -0.05	36.45 0.82 -0.12	35.47 0.93 -0.01	34.41 0.87 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.80 1.58 0.00	29.28 1.50 0.00	29.06 1.51 0.00	29.32 1.55 0.00	30.61 1.57 0.00	35.03 1.73 0.00	48.78 2.98 0.00	55.24 3.37 0.00	43.53 2.50 0.00	36.03 2.04 0.00	34.29 1.79 0.00	31.99 1.58 0.00	31.75 1.54 0.00	31.86 1.49 0.00	34.39 1.64 0.00	37.30 1.82 -1.19	49.33 2.65 -0.98	66.55 3.37 -5.09	59.07 3.23 -2.04	50.40 2.70 -1.15	44.27 2.30 -0.87	39.51 2.02 -1.96	36.44 1.80 -0.11	35.20 1.64 -0.02
VISCHER___FERRY HYD 24020	30.30 1.08 0.00	28.81 1.03 0.00	28.51 0.96 0.00	28.82 1.05 0.00	30.21 1.16 0.00	34.63 1.33 0.00	47.82 2.01 0.00	54.21 2.34 0.00	42.79 1.76 0.00	35.28 1.29 0.00	33.77 1.27 0.00	31.63 1.22 0.00	31.50 1.30 0.00	31.71 1.34 0.00	34.29 1.54 0.00	38.61 1.54 -2.78	50.19 2.19 -2.30	72.71 2.67 -11.95	61.17 2.58 -4.79	51.43 2.19 -2.70	45.03 1.89 -2.04	41.71 1.60 -4.59	36.34 1.56 -0.26	34.98 1.41 -0.04
V_A_10_SYNC_DSASP 323832	29.19 -0.03 0.00	27.64 -0.14 0.00	27.52 -0.03 0.00	27.51 -0.25 0.00	28.55 -0.49 0.00	32.43 -0.87 0.00	43.56 -2.24 0.00	50.11 -1.76 0.00	40.00 -1.02 0.00	33.07 -0.92 0.00	31.59 -0.91 0.00	29.62 -0.79 0.00	29.06 -1.15 0.00	29.25 -1.12 0.00	31.22 -1.54 0.00	32.80 -2.06 -0.56	43.57 -2.60 -0.48	56.47 -4.12 -2.50	51.36 -3.44 -1.00	44.13 -2.98 -0.56	38.94 -2.59 -0.43	34.23 -2.20 -0.91	32.27 -2.31 -0.05	31.53 -2.01 -0.01
V_CMM_10_SYNC_DSASP 323787	27.15 -2.07 0.00	25.78 -2.00 0.00	25.76 -1.79 0.00	25.79 -1.97 0.00	27.36 -1.69 0.00	32.80 -0.50 0.00	46.13 0.32 0.00	51.82 -0.05 0.00	41.73 0.70 0.00	34.26 0.27 0.00	33.02 0.52 0.00	30.29 -0.12 0.00	30.12 -0.09 0.00	30.35 -0.03 0.00	32.95 0.20 0.00	35.37 1.00 -0.09	46.73 0.96 -0.07	60.55 2.09 -0.37	55.83 1.88 -0.15	48.22 1.58 -0.08	43.50 2.34 -0.06	36.87 1.21 -0.14	35.02 0.48 -0.01	34.27 0.74 0.00

V_CMP_10_SYNC_DSASP 323788	27.61 -1.61 0.00	26.28 -1.50 0.00	26.28 -1.27 0.00	26.32 -1.44 0.00	27.97 -1.07 0.00	33.56 0.27 0.00	47.45 1.65 0.00	53.22 1.35 0.00	42.75 1.72 0.00	35.08 1.09 0.00	33.87 1.36 0.00	31.05 0.64 0.00	30.84 0.64 0.00	31.10 0.73 0.00	33.77 1.02 0.00	36.22 1.85 -0.08	48.00 2.24 -0.07	62.22 3.77 -0.35	57.39 3.45 -0.14	49.56 2.93 -0.08	44.69 3.53 -0.06	37.86 2.20 -0.14	35.89 1.35 -0.01	35.24 1.71 0.00
V_D_10_SYNC_DSASP 323841	28.81 -0.41 0.00	27.25 -0.53 0.00	26.91 -0.63 0.00	26.90 -0.86 0.00	28.09 -0.96 0.00	31.83 -1.47 0.00	42.51 -3.30 0.00	48.97 -2.90 0.00	39.22 -1.81 0.00	32.39 -1.60 0.00	30.94 -1.56 0.00	29.04 -1.37 0.00	28.39 -1.81 0.00	28.61 -1.76 0.00	30.46 -2.29 0.00	31.70 -3.15 -0.56	42.10 -4.02 -0.42	54.05 -6.22 -2.18	49.35 -5.33 -0.88	42.58 -4.47 -0.50	37.49 -3.99 -0.38	33.14 -3.34 -0.97	31.27 -3.32 -0.05	30.69 -2.85 -0.01
V_E_10_SYNC_DSASP 323830	32.09 2.87 0.00	30.42 2.64 0.00	30.25 2.70 0.00	30.45 2.69 0.00	31.89 2.85 0.00	36.53 3.23 0.00	50.75 4.95 0.00	58.30 6.43 0.00	45.54 4.51 0.00	37.52 3.53 0.00	35.52 3.02 0.00	32.94 2.52 0.00	32.59 2.39 0.00	32.75 2.37 0.00	35.38 2.62 0.00	38.24 3.02 -0.93	51.36 4.89 -0.77	68.42 6.33 -4.00	61.69 6.29 -1.60	52.57 5.12 -0.90	46.06 4.27 -0.68	40.47 3.41 -1.55	37.83 3.21 -0.09	36.37 2.82 -0.01
V_F_30_NSYNC___DSASP 323816	30.83 1.61 0.00	29.31 1.53 0.00	29.03 1.49 0.00	29.34 1.58 0.00	30.73 1.68 0.00	35.33 2.03 0.00	48.88 3.07 0.00	55.30 3.42 0.00	43.66 2.63 0.00	35.89 1.90 0.00	34.32 1.82 0.00	32.09 1.67 0.00	31.96 1.75 0.00	32.14 1.76 0.00	34.79 2.03 0.00	39.07 1.95 -2.82	50.82 2.79 -2.34	73.78 3.54 -12.15	62.06 3.39 -4.87	52.08 2.79 -2.74	45.60 2.42 -2.08	42.21 2.02 -4.67	36.76 1.97 -0.26	35.62 2.05 -0.04
V_F_30_SYNC_DSASP 323786	29.75 0.53 0.00	28.31 0.53 0.00	28.07 0.52 0.00	28.32 0.56 0.00	29.62 0.58 0.00	34.00 0.70 0.00	46.95 1.15 0.00	53.17 1.30 0.00	42.01 0.98 0.00	34.67 0.68 0.00	33.22 0.72 0.00	31.11 0.70 0.00	30.99 0.79 0.00	31.17 0.79 0.00	33.74 0.98 0.00	38.16 1.10 -2.77	49.54 1.55 -2.29	71.92 1.92 -11.91	60.41 1.83 -4.78	50.73 1.49 -2.69	44.45 1.32 -2.04	41.16 1.07 -4.58	35.79 1.00 -0.25	34.35 0.77 -0.04
V_XM_10_SYNC_DSASP 323789	27.61 -1.61 0.00	26.28 -1.50 0.00	26.28 -1.27 0.00	26.32 -1.44 0.00	27.97 -1.07 0.00	33.56 0.27 0.00	47.45 1.65 0.00	53.22 1.35 0.00	42.75 1.72 0.00	35.08 1.09 0.00	33.87 1.36 0.00	31.05 0.64 0.00	30.84 0.64 0.00	31.10 0.73 0.00	33.77 1.02 0.00	36.22 1.85 -0.08	48.00 2.24 -0.07	62.22 3.77 -0.35	57.39 3.45 -0.14	49.56 2.93 -0.08	44.69 3.53 -0.06	37.86 2.20 -0.14	35.89 1.35 -0.01	35.24 1.71 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.39 1.17 0.00	28.95 1.17 0.00	28.62 1.07 0.00	28.87 1.11 0.00	30.26 1.22 0.00	34.66 1.37 0.00	48.28 2.47 0.00	54.52 2.65 0.00	43.00 1.97 0.00	35.79 1.80 0.00	34.19 1.69 0.00	32.12 1.70 0.00	31.96 1.75 0.00	32.11 1.73 0.00	34.69 1.93 0.00	38.57 2.06 -2.22	50.18 2.65 -1.84	71.07 3.43 -9.55	60.59 2.96 -3.83	51.26 2.56 -2.15	44.91 2.18 -1.63	41.18 1.99 -3.67	36.64 1.90 -0.20	34.88 1.31 -0.03
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.36 1.14 0.00	28.92 1.14 0.00	28.62 1.07 0.00	28.84 1.08 0.00	30.23 1.19 0.00	34.63 1.33 0.00	48.28 2.47 0.00	54.57 2.70 0.00	43.29 2.26 0.00	36.03 2.04 0.00	34.39 1.89 0.00	32.33 1.92 0.00	32.14 1.93 0.00	32.26 1.88 0.00	34.85 2.10 0.00	38.85 2.26 -2.29	50.47 2.88 -1.90	71.67 3.72 -9.86	60.98 3.23 -3.95	51.57 2.79 -2.22	45.17 2.38 -1.69	41.47 2.17 -3.79	36.82 2.07 -0.21	35.11 1.54 -0.04
W50THST__13_KV_LOAD 356117	30.48 1.26 0.00	29.03 1.25 0.00	28.70 1.16 0.00	28.96 1.19 0.00	30.35 1.31 0.00	34.76 1.47 0.00	48.46 2.66 0.00	54.83 2.96 0.00	43.53 2.50 0.00	36.23 2.24 0.00	34.55 2.05 0.00	32.48 2.07 0.00	32.32 2.11 0.00	32.41 2.04 0.00	35.05 2.29 0.00	39.02 2.43 -2.29	50.75 3.15 -1.90	71.96 4.01 -9.86	61.25 3.50 -3.95	51.80 3.03 -2.22	45.37 2.59 -1.69	41.61 2.31 -3.79	36.95 2.21 -0.21	35.21 1.64 -0.04
WADING RIVER_IC_1 23522	31.88 2.66 0.00	29.89 2.11 0.00	29.50 1.96 0.00	29.84 2.08 0.00	31.51 2.47 0.00	36.72 3.26 -0.16	50.84 4.44 -0.59	56.38 4.46 -0.04	47.25 3.94 -2.29	37.82 3.81 -0.03	36.29 3.54 -0.25	34.30 3.50 -0.39	33.98 3.44 -0.33	34.26 3.49 -0.39	39.09 3.73 -2.61	51.35 3.94 -13.11	57.16 5.21 -6.26	74.70 6.62 -9.98	66.11 6.02 -6.29	63.45 5.30 -11.59	57.08 4.52 -11.46	55.06 4.19 -15.36	48.05 3.90 -9.62	37.59 3.79 -0.26
WADING RIVER_IC_2 23547	31.88 2.66 0.00	29.89 2.11 0.00	29.50 1.96 0.00	29.84 2.08 0.00	31.51 2.47 0.00	36.72 3.26 -0.16	50.84 4.44 -0.59	56.38 4.46 -0.04	47.25 3.94 -2.29	37.82 3.81 -0.03	36.29 3.54 -0.25	34.30 3.50 -0.39	33.98 3.44 -0.33	34.26 3.49 -0.39	39.09 3.73 -2.61	51.35 3.94 -13.11	57.16 5.21 -6.26	74.70 6.62 -9.98	66.11 6.02 -6.29	63.45 5.30 -11.59	57.08 4.52 -11.46	55.06 4.19 -15.36	48.05 3.90 -9.62	37.59 3.79 -0.26
WADING RIVER_IC_3 23601	31.88 2.66 0.00	29.89 2.11 0.00	29.50 1.96 0.00	29.84 2.08 0.00	31.51 2.47 0.00	36.72 3.26 -0.16	50.84 4.44 -0.59	56.38 4.46 -0.04	47.25 3.94 -2.29	37.82 3.81 -0.03	36.29 3.54 -0.25	34.30 3.50 -0.39	33.98 3.44 -0.33	34.26 3.49 -0.39	39.09 3.73 -2.61	51.35 3.94 -13.11	57.16 5.21 -6.26	74.70 6.62 -9.98	66.11 6.02 -6.29	63.45 5.30 -11.59	57.08 4.52 -11.46	55.06 4.19 -15.36	48.05 3.90 -9.62	37.59 3.79 -0.26
WALDENNY_12_KV_BK2 80841	29.98 0.76 0.00	28.36 0.58 0.00	27.99 0.44 0.00	27.98 0.22 0.00	29.25 0.20 0.00	33.23 -0.07 0.00	44.71 -1.10 0.00	51.56 -0.31 0.00	41.19 0.16 0.00	34.06 0.07 0.00	32.53 0.03 0.00	30.47 0.06 0.00	29.78 -0.42 0.00	30.01 -0.36 0.00	31.94 -0.82 0.00	33.10 -1.78 -0.59	44.00 -2.15 -0.45	56.87 -3.54 -2.32	51.78 -2.96 -0.94	44.56 -2.51 -0.53	39.08 -2.42 -0.40	34.46 -2.06 -1.00	32.66 -1.93 -0.06	32.03 -1.51 -0.01
WALDEN___HYDRO 24148	30.16 0.93 0.00	28.72 0.95 0.00	28.40 0.85 0.00	28.65 0.89 0.00	30.06 1.02 0.00	34.36 1.07 0.00	47.91 2.11 0.00	54.05 2.18 0.00	42.63 1.60 0.00	35.38 1.39 0.00	33.74 1.23 0.00	31.69 1.28 0.00	31.50 1.30 0.00	31.68 1.31 0.00	34.23 1.48 0.00	38.19 1.68 -2.21	49.81 2.28 -1.83	70.69 3.08 -9.52	60.31 2.69 -3.82	50.98 2.28 -2.15	44.66 1.93 -1.63	40.92 1.74 -3.66	36.33 1.59 -0.20	34.84 1.27 -0.03
WARRENSBURG____ 23737	31.24 2.01 0.00	29.69 1.92 0.00	29.42 1.87 0.00	29.70 1.94 0.00	31.14 2.09 0.00	35.93 2.63 0.00	49.75 3.94 0.00	56.18 4.30 0.00	44.39 3.37 0.00	36.40 2.41 0.00	34.78 2.27 0.00	32.42 2.01 0.00	32.26 2.06 0.00	32.41 2.04 0.00	35.14 2.39 0.00	38.77 1.65 -2.83	50.37 2.33 -2.34	73.23 2.96 -12.18	61.59 2.90 -4.88	51.62 2.33 -2.75	45.15 1.97 -2.08	41.80 1.60 -4.68	36.45 1.66 -0.26	36.19 2.62 -0.04

WATERSIDE___6 8 9 23538	30.45 1.23 0.00	29.00 1.22 0.00	28.67 1.13 0.00	28.87 1.11 0.00	30.26 1.22 0.00	34.60 1.30 0.00	48.05 2.24 0.00	54.41 2.54 0.00	43.16 2.13 0.00	36.03 2.04 0.00	34.32 1.82 0.00	32.27 1.86 0.00	32.14 1.93 0.00	32.23 1.85 0.00	34.82 2.06 0.00	38.78 2.19 -2.29	50.38 2.79 -1.90	71.62 3.66 -9.86	60.88 3.12 -3.96	51.47 2.70 -2.22	45.09 2.30 -1.69	41.40 2.10 -3.79	36.85 2.11 -0.21	35.15 1.58 -0.04
WATKINRD_115KV_LN8_ILLION 55919	29.57 0.35 0.00	28.11 0.33 0.00	27.90 0.36 0.00	28.12 0.36 0.00	29.45 0.41 0.00	33.83 0.53 0.00	46.54 0.73 0.00	52.91 1.04 0.00	41.85 0.82 0.00	34.67 0.68 0.00	33.09 0.59 0.00	30.90 0.49 0.00	30.69 0.48 0.00	30.86 0.49 0.00	33.28 0.52 0.00	34.98 0.62 -0.07	46.67 0.91 -0.06	59.61 1.22 -0.30	55.11 1.18 -0.12	47.60 0.98 -0.07	42.05 0.90 -0.05	36.27 0.64 -0.12	35.23 0.69 -0.01	34.17 0.64 0.00
WATSON___69_KV_BK 1 55734	32.08 2.86 0.00	30.08 2.31 0.00	29.72 2.18 0.00	30.04 2.28 0.00	31.68 2.64 0.00	36.27 2.73 -0.25	49.54 3.53 -0.20	56.09 4.20 -0.01	45.16 3.32 -0.81	37.70 3.70 -0.01	35.97 3.09 -0.38	34.08 3.07 -0.59	33.73 3.02 -0.50	34.04 3.07 -0.59	37.42 3.28 -1.39	45.20 3.43 -7.48	53.72 4.62 -3.40	73.92 5.93 -9.90	63.94 5.38 -4.76	57.30 4.84 -5.91	51.78 4.11 -6.57	49.66 3.69 -10.45	42.40 3.42 -4.45	36.79 2.88 -0.38
WDELAWARE___HYD 323627	29.69 0.47 0.00	28.25 0.47 0.00	27.96 0.41 0.00	28.20 0.44 0.00	29.59 0.55 0.00	33.83 0.53 0.00	47.36 1.56 0.00	53.27 1.40 0.00	41.97 0.94 0.00	34.84 0.85 0.00	33.09 0.59 0.00	31.05 0.64 0.00	30.06 -0.15 0.00	30.22 -0.15 0.00	32.69 -0.07 0.00	36.52 0.14 -2.09	47.70 0.28 -1.73	67.65 0.58 -8.97	57.78 0.38 -3.60	48.81 0.23 -2.02	43.87 1.23 -1.54	40.21 1.24 -3.45	35.73 1.00 -0.19	34.34 0.77 -0.03
WEST BABYLON___IC 23714	31.79 2.57 0.00	29.83 2.06 0.00	29.47 1.93 0.00	29.82 2.05 0.00	31.43 2.38 0.00	36.51 2.83 -0.39	49.65 3.80 -0.05	56.13 4.25 0.00	44.76 3.53 -0.20	37.53 3.53 0.00	36.28 3.19 -0.59	34.50 3.16 -0.92	34.13 3.14 -0.79	34.46 3.16 -0.92	37.30 3.41 -1.14	43.15 3.57 -5.29	52.69 4.75 -2.24	74.01 6.04 -9.87	63.48 5.54 -4.14	55.11 4.93 -3.63	50.01 4.19 -4.72	47.77 3.80 -8.46	40.53 3.52 -2.48	37.08 2.98 -0.56
WEST CANADA___HYD 24049	29.16 -0.06 0.00	27.75 -0.03 0.00	27.52 -0.03 0.00	27.73 -0.03 0.00	29.04 0.00 0.00	33.36 0.07 0.00	45.99 0.18 0.00	52.08 0.21 0.00	41.23 0.21 0.00	34.13 0.14 0.00	32.60 0.10 0.00	30.47 0.06 0.00	30.30 0.09 0.00	30.44 0.06 0.00	32.82 0.07 0.00	34.50 0.14 -0.07	45.98 0.23 -0.06	58.74 0.35 -0.30	54.25 0.32 -0.12	46.90 0.28 -0.07	41.40 0.25 -0.05	35.81 0.18 -0.12	34.68 0.14 -0.01	33.67 0.13 0.00
WESTERN_NY_WIND 24143	29.95 0.73 0.00	28.33 0.56 0.00	27.99 0.44 0.00	27.98 0.22 0.00	29.25 0.20 0.00	33.26 -0.03 0.00	44.94 -0.87 0.00	51.87 0.00 0.00	41.40 0.37 0.00	34.19 0.20 0.00	32.60 0.10 0.00	30.47 0.06 0.00	29.87 -0.33 0.00	30.04 -0.33 0.00	32.03 -0.72 0.00	33.54 -1.30 -0.55	44.58 -1.55 -0.43	57.83 -2.50 -2.24	52.66 -2.04 -0.90	45.43 -1.63 -0.51	39.92 -1.56 -0.39	35.03 -1.42 -0.93	33.07 -1.52 -0.05	32.40 -1.14 -0.01
WESTOVER___LESR 323668	29.92 0.70 0.00	28.42 0.64 0.00	28.15 0.61 0.00	28.32 0.56 0.00	29.60 0.55 0.00	33.83 0.53 0.00	46.45 0.64 0.00	52.91 1.04 0.00	41.77 0.74 0.00	34.60 0.61 0.00	33.02 0.52 0.00	30.90 0.49 0.00	30.54 0.33 0.00	30.74 0.36 0.00	33.08 0.33 0.00	35.41 0.14 -0.98	46.78 0.27 -0.81	62.57 0.29 -4.19	55.70 0.22 -1.68	47.73 0.23 -0.95	41.90 0.08 -0.72	37.21 0.07 -1.63	34.76 0.14 -0.09	33.72 0.17 -0.02
WETHRSFD_WT_PWR 323626	29.95 0.73 0.00	28.36 0.58 0.00	28.21 0.66 0.00	28.20 0.44 0.00	29.33 0.29 0.00	33.40 0.10 0.00	45.12 -0.69 0.00	51.92 0.05 0.00	41.28 0.25 0.00	34.13 0.14 0.00	32.57 0.07 0.00	30.47 0.06 0.00	29.84 -0.36 0.00	30.07 -0.30 0.00	32.10 -0.65 0.00	33.46 -1.47 -0.65	44.52 -1.69 -0.51	57.87 -2.85 -2.62	52.44 -2.42 -1.06	45.10 -2.05 -0.60	39.50 -2.05 -0.45	34.80 -1.81 -1.09	33.08 -1.52 -0.06	32.14 -1.41 -0.01
WHAVSTOR_138KV_BK127 55557	30.33 1.11 0.00	28.89 1.11 0.00	28.59 1.05 0.00	28.84 1.08 0.00	30.21 1.16 0.00	34.60 1.30 0.00	48.14 2.34 0.00	54.36 2.49 0.00	42.88 1.85 0.00	35.72 1.73 0.00	34.19 1.69 0.00	32.12 1.70 0.00	31.96 1.75 0.00	32.08 1.70 0.00	34.69 1.93 0.00	38.52 1.99 -2.24	50.02 2.47 -1.85	70.91 3.20 -9.62	60.46 2.80 -3.86	51.14 2.42 -2.17	44.80 2.05 -1.65	41.13 1.92 -3.70	36.57 1.83 -0.21	34.78 1.21 -0.03
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.33 1.11 0.00	28.89 1.11 0.00	28.59 1.05 0.00	28.84 1.08 0.00	30.21 1.16 0.00	34.60 1.30 0.00	48.14 2.34 0.00	54.36 2.49 0.00	42.88 1.85 0.00	35.72 1.73 0.00	34.19 1.69 0.00	32.12 1.70 0.00	31.96 1.75 0.00	32.08 1.70 0.00	34.69 1.93 0.00	38.52 1.99 -2.24	50.02 2.47 -1.85	70.91 3.20 -9.62	60.46 2.80 -3.86	51.14 2.42 -2.17	44.80 2.05 -1.65	41.13 1.92 -3.70	36.57 1.83 -0.21	34.78 1.21 -0.03
WHITEHAL_115KV_TB1 80871	31.94 2.72 0.00	30.33 2.56 0.00	30.11 2.56 0.00	30.37 2.61 0.00	31.86 2.82 0.00	36.89 3.60 0.00	51.26 5.45 0.00	57.84 5.97 0.00	45.62 4.60 0.00	37.32 3.33 0.00	35.65 3.15 0.00	33.21 2.80 0.00	33.02 2.81 0.00	33.17 2.79 0.00	36.03 3.28 0.00	39.97 2.85 -2.83	52.24 4.20 -2.34	75.66 5.40 -12.16	63.84 5.16 -4.88	53.53 4.24 -2.74	46.84 3.66 -2.08	43.14 2.95 -4.67	37.59 2.80 -0.26	37.06 3.49 -0.04
WHITEPLN_13_KV_LOAD 356215	30.51 1.29 0.00	29.08 1.31 0.00	28.76 1.21 0.00	29.01 1.25 0.00	30.38 1.34 0.00	34.93 1.63 0.00	48.46 2.66 0.00	55.24 3.37 0.00	43.70 2.67 0.00	36.33 2.35 0.00	34.68 2.18 0.00	32.60 2.19 0.00	32.44 2.24 0.00	32.53 2.16 0.00	35.21 2.46 0.00	39.15 2.57 -2.29	51.02 3.43 -1.90	72.36 4.41 -9.85	61.68 3.93 -3.95	52.17 3.40 -2.22	45.62 2.84 -1.69	41.61 2.31 -3.78	37.09 2.35 -0.21	35.41 1.84 -0.04
WM_FLOYD_69_KV_BK2 356380	31.85 2.63 0.00	29.86 2.08 0.00	29.50 1.96 0.00	29.84 2.08 0.00	31.48 2.44 0.00	36.69 3.23 -0.17	50.74 4.35 -0.58	56.69 4.77 -0.04	47.18 3.90 -2.25	37.79 3.77 -0.03	36.30 3.54 -0.26	34.28 3.47 -0.40	33.96 3.41 -0.34	34.24 3.46 -0.40	39.08 3.73 -2.59	51.20 3.91 -13.00	57.05 5.16 -6.18	74.58 6.51 -9.98	66.02 5.97 -6.25	63.28 5.26 -11.47	56.89 4.44 -11.36	54.86 4.08 -15.26	47.88 3.83 -9.51	37.13 3.32 -0.27
WOODARD__115KV_TB2 355635	29.19 -0.03 0.00	27.70 -0.08 0.00	27.46 -0.08 0.00	27.62 -0.14 0.00	28.90 -0.15 0.00	33.03 -0.27 0.00	45.07 -0.73 0.00	51.25 -0.62 0.00	40.50 -0.53 0.00	33.62 -0.37 0.00	32.14 -0.36 0.00	30.05 -0.36 0.00	29.78 -0.42 0.00	29.98 -0.39 0.00	32.30 -0.46 0.00	34.15 -0.58 -0.44	45.28 -0.78 -0.36	58.93 -1.05 -1.88	53.59 -0.97 -0.76	46.14 -0.84 -0.43	40.60 -0.82 -0.32	35.60 -0.64 -0.72	34.02 -0.55 -0.04	33.10 -0.44 -0.01

YORK__WARBASSE	30.62	29.14	28.81	28.98	30.41	34.73	47.91	54.26	43.08	36.06	34.35	32.30	32.14	32.23	34.85	38.85	50.34	71.62	60.88	51.47	45.05	41.44	36.99	35.35
23770	1.40	1.36	1.27	1.22	1.37	1.43	2.11	2.39	2.05	2.07	1.85	1.89	1.93	1.85	2.10	2.26	2.74	3.66	3.12	2.70	2.26	2.13	2.24	1.78
	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	-2.29	-1.90	-9.86	-3.96	-2.22	-1.69	-3.79	-0.21	-0.04