

# Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										10/21/2025	
Generator Data																												
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
		35.25	32.27	32.27	31.05	32.33	37.85	55.68	82.10	58.34	42.46	38.28	37.38	39.02	39.05	40.09	43.23	52.04	73.26	84.83	78.30	60.11	48.89	41.42	38.55			
		2.37	2.03	1.97	1.90	2.00	2.38	3.64	6.07	4.81	3.42	3.22	3.03	3.11	2.91	3.11	3.28	3.88	5.70	6.65	5.76	4.29	3.07	2.53	2.37			
		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-2.86	-1.20	-0.13	-0.02	-2.08	-1.75	-6.46	-2.00	-1.86	-0.86	-2.07	-1.80	-1.36	-0.88	0.00	0.00	-0.20			
74TH STREET_GT_1	24260	35.28	32.30	32.30	31.08	32.33	37.85	55.69	82.34	58.37	42.37	38.25	37.35	38.97	39.01	40.05	43.21	52.08	73.46	84.99	78.45	60.20	48.94	41.46	38.59			
		2.40	2.06	2.00	1.92	2.00	2.38	3.64	5.85	4.66	3.31	3.19	3.00	3.04	2.85	3.04	3.20	3.78	5.57	6.49	5.69	4.23	3.12	2.57	2.41			
		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-3.31	-1.39	-0.15	-0.02	-2.08	-1.77	-6.47	-2.03	-1.92	-1.00	-2.40	-2.12	-1.59	-1.02	0.00	0.00	-0.20			
74TH STREET_GT_2	24261	35.28	32.30	32.30	31.08	32.33	37.85	55.69	82.34	58.37	42.37	38.25	37.35	38.97	39.01	40.05	43.21	52.08	73.46	84.99	78.45	60.20	48.94	41.46	38.59			
		2.40	2.06	2.00	1.92	2.00	2.38	3.64	5.85	4.66	3.31	3.19	3.00	3.04	2.85	3.04	3.20	3.78	5.57	6.49	5.69	4.23	3.12	2.57	2.41			
		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-3.31	-1.39	-0.15	-0.02	-2.08	-1.77	-6.47	-2.03	-1.92	-1.00	-2.40	-2.12	-1.59	-1.02	0.00	0.00	-0.20			
ADK HUDSON___FALLS	24011	34.39	31.67	31.69	30.56	31.79	37.07	54.85	77.23	54.85	40.26	36.05	32.80	34.27	30.03	35.09	38.43	48.82	68.41	80.28	74.62	57.60	47.93	40.60	37.40			
		1.51	1.42	1.39	1.40	1.46	1.60	2.81	4.17	2.56	1.36	1.02	0.81	0.65	0.77	0.84	0.95	1.56	3.01	4.12	3.56	2.69	2.11	1.71	1.58			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.04	0.01	0.00	0.28	0.54	0.43	0.73	0.61	0.03	0.09	0.22	0.11	0.03	0.00	0.00	0.16			
ADK RESOURCE___RCVRY	23798	34.46	31.73	31.78	30.65	31.88	37.14	55.05	77.53	54.90	40.30	36.05	32.80	34.28	30.03	35.06	38.44	48.87	68.48	81.93	74.84	57.76	48.07	40.72	37.51			
		1.58	1.48	1.48	1.49	1.55	1.67	3.02	4.46	2.62	1.40	1.02	0.81	0.65	0.77	0.81	0.95	1.61	3.08	4.43	3.77	2.86	2.24	1.83	1.69			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.04	0.00	0.00	0.27	0.53	0.43	0.72	0.61	0.03	0.09	-1.12	0.10	0.03	0.00	0.00	0.16			
ADK S GLENS___FALLS	24028	34.39	31.67	31.69	30.56	31.79	37.07	54.85	77.23	54.85	40.26	36.05	32.80	34.27	30.03	35.09	38.43	48.82	68.41	80.28	74.62	57.60	47.93	40.60	37.40			
		1.51	1.42	1.39	1.40	1.46	1.60	2.81	4.17	2.56	1.36	1.02	0.81	0.65	0.77	0.84	0.95	1.56	3.01	4.12	3.56	2.69	2.11	1.71	1.58			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.04	0.01	0.00	0.28	0.54	0.43	0.73	0.61	0.03	0.09	0.22	0.11	0.03	0.00	0.00	0.16			
ADK_NYS___DAM	23527	34.88	32.09	31.97	30.79	32.03	37.36	54.63	76.05	54.93	41.08	37.16	33.65	34.85	30.88	35.26	38.62	49.25	68.33	81.71	74.56	57.67	48.11	40.91	37.31			
		2.01	1.85	1.67	1.63	1.70	1.88	3.07	4.54	3.30	2.26	2.14	1.87	1.84	1.78	1.89	1.98	2.46	4.06	4.81	4.27	3.24	2.56	2.02	1.69			
		0.00	0.00	0.00	0.00	0.00	0.00	0.47	1.66	0.69	0.08	0.01	0.49	1.16	0.58	1.60	1.45	0.50	1.22	-0.51	0.88	0.51	0.28	0.00	0.36			
AIR_PRODUCTS___DRP	24190	33.54	30.85	30.72	29.65	30.82	36.04	52.97	74.44	53.33	39.48	35.56	32.43	34.08	29.73	34.78	37.88	47.59	66.31	77.30	71.91	55.56	46.24	39.20	36.28			
		0.66	0.60	0.42	0.50	0.49	0.57	0.94	1.39	1.05	0.58	0.53	0.42	0.38	0.50	0.42	0.30	0.33	0.92	1.15	0.85	0.66	0.41	0.31	0.43			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.05	0.01	0.00	0.26	0.46	0.46	0.62	0.52	0.03	0.09	0.23	0.11	0.04	0.00	0.00	0.13			
AKWESSNE_115KV_BK	355683	32.68	30.03	30.18	29.01	30.18	35.30	51.83	72.88	51.96	38.63	34.82	32.10	34.13	29.57	35.01	38.13	47.58	65.81	76.30	71.24	55.00	45.92	39.12	36.23			
		-0.20	-0.21	-0.12	-0.15	-0.15	-0.18	-0.21	-0.29	-0.37	-0.27	-0.21	-0.16	-0.03	-0.12	0.03	0.04	0.28	0.33	-0.08	0.07	0.05	0.09	0.23	0.25			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	34.06	31.37	31.33	30.21	31.58	36.90	54.43	76.23	54.12	39.87	35.70	32.68	34.51	29.88	35.41	38.70	48.16	67.31	76.52	73.35	56.67	47.25	40.06	37.12			
		1.18	1.12	1.03	1.05	1.24	1.42	2.39	3.14	1.83	0.97	0.66	0.55	0.54	0.47	0.70	0.84	0.90	1.90	2.52	2.28	1.76	1.42	1.17	1.22			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.04	0.00	0.00	0.13	0.20	0.28	0.26	0.23	0.03	0.08	2.38	0.10	0.03	0.00	0.00	0.08			
ALBANY_2_SOLAR	323834	34.06	31.33	31.33	30.21	31.58	36.90	54.43	76.16	54.12	39.87	35.70	32.68	34.50	29.88	35.41	38.67	48.16	67.31	76.52	73.28	56.62	47.25	40.06	37.12			
		1.18	1.09	1.03	1.05	1.24	1.42	2.39	3.07	1.83	0.97	0.66	0.55	0.54	0.47	0.70	0.80	0.90	1.90	2.52	2.21	1.71	1.42	1.17	1.22			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.04	0.00	0.00	0.13	0.20	0.28	0.26	0.23	0.03	0.08	2.38	0.10	0.03	0.00	0.00	0.08			
ALBANY___1	23571	33.54	30.85	30.72	29.65	30.82	36.04	52.97	74.44	53.33	39.48	35.56	32.43	34.08	29.73	34.78	37.88	47.59	66.31	77.30	71.91	55.56	46.24	39.20	36.28			
		0.66	0.60	0.42	0.50	0.49	0.57	0.94	1.39	1.05	0.58	0.53	0.42	0.38	0.50	0.42	0.30	0.33	0.92	1.15	0.85	0.66	0.41	0.31	0.43			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.05	0.01	0.00	0.26	0.46	0.46	0.62	0.52	0.03	0.09	0.23	0.11	0.04	0.00	0.00	0.13			

ALBANY___2 23572	33.54 0.66 0.00	30.85 0.60 0.00	30.72 0.42 0.00	29.65 0.50 0.00	30.82 0.49 0.00	36.04 0.57 0.00	52.97 0.94 0.00	74.44 1.39 0.12	53.33 1.05 0.05	39.48 0.58 0.01	35.56 0.53 0.00	32.43 0.42 0.26	34.08 0.38 0.46	29.73 0.50 0.46	34.78 0.42 0.62	37.88 0.30 0.52	47.59 0.33 0.03	66.31 0.92 0.09	77.30 1.15 0.23	71.91 0.85 0.11	55.56 0.66 0.04	46.24 0.41 0.00	39.20 0.31 0.00	36.28 0.43 0.13
ALBANY___3 23573	33.54 0.66 0.00	30.85 0.60 0.00	30.72 0.42 0.00	29.65 0.50 0.00	30.82 0.49 0.00	36.04 0.57 0.00	52.97 0.94 0.00	74.44 1.39 0.12	53.33 1.05 0.05	39.48 0.58 0.01	35.56 0.53 0.00	32.43 0.42 0.26	34.08 0.38 0.46	29.73 0.50 0.46	34.78 0.42 0.62	37.88 0.30 0.52	47.59 0.33 0.03	66.31 0.92 0.09	77.30 1.15 0.23	71.91 0.85 0.11	55.56 0.66 0.04	46.24 0.41 0.00	39.20 0.31 0.00	36.28 0.43 0.13
ALBANY___4 23574	33.54 0.66 0.00	30.85 0.60 0.00	30.72 0.42 0.00	29.65 0.50 0.00	30.82 0.49 0.00	36.04 0.57 0.00	52.97 0.94 0.00	74.44 1.39 0.12	53.33 1.05 0.05	39.48 0.58 0.01	35.56 0.53 0.00	32.43 0.42 0.26	34.08 0.38 0.46	29.73 0.50 0.46	34.78 0.42 0.62	37.88 0.30 0.52	47.59 0.33 0.03	66.31 0.92 0.09	77.30 1.15 0.23	71.91 0.85 0.11	55.56 0.66 0.04	46.24 0.41 0.00	39.20 0.31 0.00	36.28 0.43 0.13
ALBANY___LFGE 323615	33.86 0.99 0.00	31.15 0.91 0.00	31.03 0.73 0.00	29.95 0.79 0.00	31.12 0.79 0.00	36.43 0.96 0.00	53.59 1.56 0.00	75.32 2.27 0.12	53.85 1.57 0.05	39.87 0.97 0.01	35.87 0.84 0.00	32.70 0.71 0.28	34.29 0.65 0.52	29.96 0.74 0.46	35.02 0.74 0.70	38.15 0.65 0.59	48.11 0.85 0.03	67.03 1.64 0.09	78.84 2.06 -0.40	72.77 1.71 0.11	56.22 1.32 0.04	46.79 0.96 0.00	39.63 0.74 0.00	36.66 0.83 0.15
ALCOA_PA_115KV_PL-6C 55860	32.81 -0.07 0.00	30.16 -0.09 0.00	30.30 0.00 0.00	29.10 -0.06 0.00	30.30 -0.03 0.00	35.44 -0.04 0.00	52.09 0.05 0.00	73.17 0.00 0.00	52.17 -0.16 0.00	38.79 -0.12 0.00	34.93 -0.11 0.00	32.17 -0.10 0.00	34.26 0.10 0.00	29.66 -0.03 0.00	35.15 0.17 0.00	38.28 0.19 0.00	47.77 0.47 0.00	66.07 0.59 0.00	76.53 0.15 0.00	71.53 0.36 0.00	55.22 0.27 0.00	46.14 0.32 0.00	39.28 0.39 0.00	36.41 0.43 0.00
ALCOA_RYNLDS___DRP 24188	32.81 -0.07 0.00	30.16 -0.09 0.00	30.30 0.00 0.00	29.10 -0.06 0.00	30.30 -0.03 0.00	35.44 -0.04 0.00	52.09 0.05 0.00	73.17 0.00 0.00	52.17 -0.16 0.00	38.79 -0.12 0.00	34.93 -0.11 0.00	32.17 -0.10 0.00	34.26 0.10 0.00	29.66 -0.03 0.00	35.15 0.17 0.00	38.28 0.19 0.00	47.77 0.47 0.00	66.07 0.59 0.00	76.53 0.15 0.00	71.53 0.36 0.00	55.22 0.27 0.00	46.14 0.32 0.00	39.28 0.39 0.00	36.41 0.43 0.00
ALCOA___DSASP 323711	32.81 -0.07 0.00	30.16 -0.09 0.00	30.30 0.00 0.00	29.10 -0.06 0.00	30.30 -0.03 0.00	35.44 -0.04 0.00	52.09 0.05 0.00	73.17 0.00 0.00	52.17 -0.16 0.00	38.79 -0.12 0.00	34.93 -0.10 0.00	32.17 -0.10 0.00	34.23 0.07 0.00	29.66 -0.03 0.00	35.15 0.18 0.00	38.28 0.19 0.00	47.77 0.47 0.00	66.01 0.52 0.00	76.53 0.15 0.00	71.53 0.36 0.00	55.22 0.28 0.00	46.15 0.32 0.00	39.28 0.39 0.00	36.41 0.43 0.00
ALLEGHENY___COGEN 23514	34.13 1.25 0.00	31.58 1.33 0.00	31.66 1.36 0.00	30.33 1.17 0.00	31.48 1.15 0.00	37.07 1.60 0.00	54.12 2.08 0.00	74.85 1.68 0.00	53.58 1.25 0.00	39.64 0.74 0.00	35.49 0.45 0.00	32.69 0.36 -0.07	34.45 0.27 -0.01	30.33 0.38 -0.26	35.12 0.14 0.00	38.51 0.42 0.00	47.15 -0.14 0.00	65.96 0.52 0.05	77.70 2.06 0.75	73.40 2.49 0.26	56.86 1.92 0.00	47.70 1.88 0.00	40.17 1.28 0.00	36.98 1.01 0.00
ALTAMONT_115KV_TB 2 55880	33.70 0.82 0.00	31.00 0.76 0.00	30.97 0.67 0.00	29.83 0.67 0.00	31.03 0.70 0.00	36.26 0.78 0.00	53.34 1.30 0.00	75.11 2.05 0.11	53.80 1.52 0.05	39.87 0.97 0.01	35.95 0.91 0.00	32.87 0.81 0.20	34.65 0.79 0.30	30.08 0.83 0.43	35.40 0.80 0.38	38.56 0.80 0.33	48.21 0.95 0.03	67.03 1.64 0.09	78.06 1.91 0.23	72.70 1.64 0.11	56.17 1.26 0.03	46.74 0.92 0.00	39.63 0.74 0.00	36.66 0.76 0.08
ALTONA_WT_PWR 323606	30.77 -2.10 0.00	28.28 -1.97 0.00	28.42 -1.88 0.00	27.29 -1.87 0.00	28.42 -1.91 0.00	33.38 -2.09 0.00	48.86 -3.18 0.00	69.15 -4.02 0.00	49.71 -2.61 0.00	37.58 -1.32 0.00	34.02 -1.02 0.00	31.56 -0.71 0.00	33.96 -0.20 0.00	29.69 0.00 0.00	35.40 0.42 0.00	38.59 0.49 0.00	47.15 -0.14 0.00	64.57 -0.92 0.00	74.39 -1.99 0.00	69.54 -1.63 0.00	53.40 -1.54 0.00	45.00 -0.82 0.00	39.24 0.35 0.00	36.34 0.36 0.00
AMERICAN_REF_FUEL 24010	32.32 -0.56 0.00	30.04 -0.21 0.00	30.09 -0.21 0.00	28.69 -0.47 0.00	29.73 -0.61 0.00	34.70 -0.78 0.00	49.07 -2.96 0.00	66.15 -7.02 0.00	49.55 -2.77 0.00	38.48 -0.43 0.00	34.79 -0.24 0.00	32.16 -0.16 -0.05	33.83 -0.34 -0.01	29.89 0.00 -0.21	34.24 -0.74 0.00	36.95 -1.14 0.00	43.89 -3.41 0.00	59.28 -6.16 0.05	68.64 -6.95 0.79	64.70 -6.19 0.28	50.27 -4.67 0.00	43.21 -2.61 0.00	36.87 -2.02 0.00	34.25 -1.73 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.28 0.40 0.00	30.79 0.55 0.00	30.69 0.39 0.00	29.19 0.03 0.00	30.12 -0.21 0.00	35.09 -0.39 0.00	50.11 -1.92 0.00	67.76 -5.41 0.00	50.18 -2.15 0.00	38.75 -0.15 0.00	35.03 0.00 0.00	32.29 -0.03 -0.06	34.04 -0.14 -0.01	30.22 0.30 -0.23	34.52 -0.46 0.00	37.33 -0.76 0.00	44.88 -2.41 0.00	61.31 -4.12 0.05	71.40 -4.20 0.78	67.55 -3.34 0.27	52.36 -2.58 0.00	44.49 -1.33 0.00	37.92 -0.97 0.00	35.15 -0.83 0.00
ARTHUR KILL_GT_1 23520	35.68 2.79 -0.01	32.70 2.45 -0.01	32.70 2.39 -0.01	31.47 2.30 -0.01	32.74 2.40 -0.01	38.35 2.87 0.00	55.53 3.49 -0.01	80.52 4.24 -3.11	57.19 3.56 -1.30	41.70 2.65 -0.15	38.32 3.26 -0.02	37.45 3.10 -2.08	39.04 3.11 -1.77	39.09 2.94 -6.47	39.46 2.45 -2.03	42.55 2.55 -1.90	51.03 2.79 -0.94	71.87 4.13 -2.26	83.17 4.81 -1.98	76.79 4.13 -1.49	58.93 3.02 -0.97	48.80 2.98 0.00	41.78 2.88 -0.01	39.02 2.84 -0.20
ARTHUR_KILL_2 23512	35.58 2.70 -0.01	32.62 2.36 -0.01	32.61 2.30 -0.01	31.38 2.21 -0.01	32.68 2.34 -0.01	38.22 2.73 -0.01	55.38 3.33 -0.01	80.30 4.02 -3.11	56.93 3.30 -1.30	41.58 2.53 -0.15	38.21 3.15 -0.02	37.35 3.00 -2.08	38.94 3.01 -1.77	39.01 2.85 -6.47	39.18 2.17 -2.03	42.44 2.44 -1.90	50.88 2.65 -0.94	71.60 3.86 -2.25	83.05 4.58 -2.08	76.50 3.84 -1.49	58.71 2.80 -0.96	48.67 2.84 0.00	41.62 2.72 -0.01	38.93 2.73 -0.22
ARTHUR_KILL_3 23513	34.99 2.11 0.00	32.03 1.78 0.00	32.03 1.73 0.00	30.82 1.66 0.00	32.09 1.76 0.00	37.50 2.02 0.00	55.22 3.17 -0.01	81.68 5.41 -3.10	57.81 4.19 -1.30	42.12 3.07 -0.14	37.96 2.91 -0.02	37.09 2.74 -2.08	38.69 2.77 -1.76	38.73 2.58 -6.47	39.87 2.87 -2.02	42.96 2.97 -1.89	51.68 3.45 -0.93	72.77 5.04 -2.25	84.42 5.96 -2.07	77.92 5.27 -1.48	59.80 3.90 -0.96	48.48 2.66 0.00	41.11 2.22 0.00	38.27 2.09 -0.21

ARTHUR_KILL_COGEN 323718	35.68 2.79 -0.01	32.70 2.45 -0.01	32.70 2.39 -0.01	31.47 2.30 -0.01	32.74 2.40 -0.01	38.33 2.84 -0.01	55.53 3.49 -0.01	80.52 4.24 -3.11	57.08 3.45 -1.30	41.70 2.65 -0.15	38.28 3.22 -0.02	37.42 3.07 -2.08	39.04 3.11 -1.77	39.07 2.91 -6.47	39.28 2.27 -2.03	42.55 2.55 -1.90	51.03 2.79 -0.94	71.80 4.06 -2.25	83.28 4.81 -2.08	76.79 4.13 -1.49	58.92 3.02 -0.96	48.80 2.98 0.00	41.74 2.84 -0.01	39.03 2.84 -0.22
ASHOKAN____ 23654	34.59 1.71 0.00	31.70 1.45 0.00	31.69 1.39 0.00	30.53 1.37 0.00	32.06 1.73 0.00	37.36 1.88 0.00	55.78 3.75 0.00	76.54 3.37 0.00	54.32 1.99 0.00	40.46 1.56 0.00	36.01 0.98 0.00	33.69 1.26 -0.17	36.49 2.05 -0.27	30.37 0.36 -0.32	37.72 2.38 -0.36	41.21 2.82 -0.30	48.57 1.28 0.00	67.76 2.29 0.01	77.65 3.06 1.79	74.24 3.13 0.06	56.97 2.03 0.00	48.16 2.34 0.00	40.64 1.75 0.00	38.49 2.52 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.26 2.37 -0.01	32.25 2.00 -0.01	32.25 1.94 -0.01	31.03 1.87 -0.01	32.28 1.94 -0.01	37.79 2.30 -0.01	55.53 3.49 -0.01	81.67 5.20 -3.30	57.79 4.08 -1.38	42.16 3.11 -0.15	38.14 3.08 -0.02	37.21 2.87 -2.08	38.89 2.97 -1.76	38.91 2.76 -6.46	39.83 2.83 -2.02	43.01 3.01 -1.91	51.69 3.41 -0.99	72.79 4.91 -2.39	84.40 5.80 -2.22	77.80 5.05 -1.58	59.69 3.74 -1.01	48.76 2.94 0.00	41.46 2.57 -0.01	38.53 2.34 -0.21
ASTORIA_EAST_ENERGY_CC2 323582	35.26 2.37 -0.01	32.22 1.96 -0.01	32.25 1.94 -0.01	31.03 1.87 -0.01	32.28 1.94 -0.01	37.76 2.27 -0.01	55.53 3.49 -0.01	81.67 5.20 -3.30	57.73 4.03 -1.38	42.16 3.11 -0.15	38.14 3.08 -0.02	37.21 2.87 -2.08	38.86 2.94 -1.76	38.91 2.76 -6.46	39.83 2.83 -2.02	43.01 3.01 -1.91	51.64 3.36 -0.99	72.79 4.91 -2.39	84.33 5.73 -2.22	77.73 4.98 -1.58	59.69 3.74 -1.01	48.76 2.94 0.00	41.46 2.57 -0.01	38.49 2.30 -0.21
ASTORIA_GT2_1 24094	35.25 2.37 -0.01	32.25 2.00 -0.01	32.25 1.94 -0.01	31.03 1.87 -0.01	32.28 1.94 -0.01	37.82 2.34 0.00	55.53 3.49 -0.01	81.67 5.20 -3.30	57.89 4.19 -1.38	42.16 3.11 -0.15	38.11 3.05 -0.02	37.22 2.87 -2.08	38.90 2.97 -1.76	38.94 2.79 -6.46	39.87 2.87 -2.02	43.01 3.01 -1.91	51.69 3.41 -0.99	72.86 4.98 -2.40	84.29 5.80 -2.11	77.81 5.05 -1.58	59.69 3.74 -1.02	48.76 2.93 0.00	41.47 2.57 -0.01	38.52 2.34 -0.20
ASTORIA_GT2_2 24095	35.25 2.37 -0.01	32.25 2.00 -0.01	32.25 1.94 -0.01	31.03 1.87 -0.01	32.28 1.94 -0.01	37.82 2.34 0.00	55.53 3.49 -0.01	81.67 5.20 -3.30	57.89 4.19 -1.38	42.16 3.11 -0.15	38.11 3.05 -0.02	37.22 2.87 -2.08	38.90 2.97 -1.76	38.94 2.79 -6.46	39.87 2.87 -2.02	43.01 3.01 -1.91	51.69 3.41 -0.99	72.86 4.98 -2.40	84.29 5.80 -2.11	77.81 5.05 -1.58	59.69 3.74 -1.02	48.76 2.93 0.00	41.47 2.57 -0.01	38.52 2.34 -0.20
ASTORIA_GT2_3 24096	35.25 2.37 -0.01	32.25 2.00 -0.01	32.25 1.94 -0.01	31.03 1.87 -0.01	32.28 1.94 -0.01	37.82 2.34 0.00	55.53 3.49 -0.01	81.67 5.20 -3.30	57.89 4.19 -1.38	42.16 3.11 -0.15	38.11 3.05 -0.02	37.22 2.87 -2.08	38.90 2.97 -1.76	38.94 2.79 -6.46	39.87 2.87 -2.02	43.01 3.01 -1.91	51.69 3.41 -0.99	72.86 4.98 -2.40	84.29 5.80 -2.11	77.81 5.05 -1.58	59.69 3.74 -1.02	48.76 2.93 0.00	41.47 2.57 -0.01	38.52 2.34 -0.20
ASTORIA_GT2_4 24097	35.25 2.37 -0.01	32.25 2.00 -0.01	32.25 1.94 -0.01	31.03 1.87 -0.01	32.28 1.94 -0.01	37.82 2.34 0.00	55.53 3.49 -0.01	81.67 5.20 -3.30	57.89 4.19 -1.38	42.16 3.11 -0.15	38.11 3.05 -0.02	37.22 2.87 -2.08	38.90 2.97 -1.76	38.94 2.79 -6.46	39.87 2.87 -2.02	43.01 3.01 -1.91	51.69 3.41 -0.99	72.86 4.98 -2.40	84.29 5.80 -2.11	77.81 5.05 -1.58	59.69 3.74 -1.02	48.76 2.93 0.00	41.47 2.57 -0.01	38.52 2.34 -0.20
ASTORIA_GT3_1 24098	35.25 2.37 -0.01	32.25 2.00 -0.01	32.25 1.94 -0.01	31.03 1.87 -0.01	32.28 1.94 -0.01	37.82 2.34 0.00	55.53 3.49 -0.01	81.67 5.20 -3.30	57.89 4.19 -1.38	42.16 3.11 -0.15	38.11 3.05 -0.02	37.22 2.87 -2.08	38.90 2.97 -1.76	38.94 2.79 -6.46	39.87 2.87 -2.02	43.01 3.01 -1.91	51.69 3.41 -0.99	72.86 4.98 -2.40	84.29 5.80 -2.11	77.81 5.05 -1.58	59.69 3.74 -1.02	48.76 2.93 0.00	41.47 2.57 -0.01	38.52 2.34 -0.20
ASTORIA_GT3_2 24099	35.25 2.37 -0.01	32.25 2.00 -0.01	32.25 1.94 -0.01	31.03 1.87 -0.01	32.28 1.94 -0.01	37.82 2.34 0.00	55.53 3.49 -0.01	81.67 5.20 -3.30	57.89 4.19 -1.38	42.16 3.11 -0.15	38.11 3.05 -0.02	37.22 2.87 -2.08	38.90 2.97 -1.76	38.94 2.79 -6.46	39.87 2.87 -2.02	43.01 3.01 -1.91	51.69 3.41 -0.99	72.86 4.98 -2.40	84.29 5.80 -2.11	77.81 5.05 -1.58	59.69 3.74 -1.02	48.76 2.93 0.00	41.47 2.57 -0.01	38.52 2.34 -0.20
ASTORIA_GT3_3 24100	35.25 2.37 -0.01	32.25 2.00 -0.01	32.25 1.94 -0.01	31.03 1.87 -0.01	32.28 1.94 -0.01	37.82 2.34 0.00	55.53 3.49 -0.01	81.67 5.20 -3.30	57.89 4.19 -1.38	42.16 3.11 -0.15	38.11 3.05 -0.02	37.22 2.87 -2.08	38.90 2.97 -1.76	38.94 2.79 -6.46	39.87 2.87 -2.02	43.01 3.01 -1.91	51.69 3.41 -0.99	72.86 4.98 -2.40	84.29 5.80 -2.11	77.81 5.05 -1.58	59.69 3.74 -1.02	48.76 2.93 0.00	41.47 2.57 -0.01	38.52 2.34 -0.20
ASTORIA_GT3_4 24101	35.25 2.37 -0.01	32.25 2.00 -0.01	32.25 1.94 -0.01	31.03 1.87 -0.01	32.28 1.94 -0.01	37.82 2.34 0.00	55.53 3.49 -0.01	81.67 5.20 -3.30	57.89 4.19 -1.38	42.16 3.11 -0.15	38.11 3.05 -0.02	37.22 2.87 -2.08	38.90 2.97 -1.76	38.94 2.79 -6.46	39.87 2.87 -2.02	43.01 3.01 -1.91	51.69 3.41 -0.99	72.86 4.98 -2.40	84.29 5.80 -2.11	77.81 5.05 -1.58	59.69 3.74 -1.02	48.76 2.93 0.00	41.47 2.57 -0.01	38.52 2.34 -0.20
ASTORIA_GT4_1 24102	35.25 2.37 -0.01	32.25 2.00 -0.01	32.25 1.94 -0.01	31.03 1.87 -0.01	32.28 1.94 -0.01	37.82 2.34 0.00	55.53 3.49 -0.01	81.67 5.20 -3.30	57.89 4.19 -1.38	42.16 3.11 -0.15	38.11 3.05 -0.02	37.22 2.87 -2.08	38.90 2.97 -1.76	38.94 2.79 -6.46	39.87 2.87 -2.02	43.01 3.01 -1.91	51.69 3.41 -0.99	72.86 4.98 -2.40	84.29 5.80 -2.11	77.81 5.05 -1.58	59.69 3.74 -1.02	48.76 2.93 0.00	41.47 2.57 -0.01	38.52 2.34 -0.20
ASTORIA_GT4_2 24103	35.25 2.37 -0.01	32.25 2.00 -0.01	32.25 1.94 -0.01	31.03 1.87 -0.01	32.28 1.94 -0.01	37.82 2.34 0.00	55.53 3.49 -0.01	81.67 5.20 -3.30	57.89 4.19 -1.38	42.16 3.11 -0.15	38.11 3.05 -0.02	37.22 2.87 -2.08	38.90 2.97 -1.76	38.94 2.79 -6.46	39.87 2.87 -2.02	43.01 3.01 -1.91	51.69 3.41 -0.99	72.86 4.98 -2.40	84.29 5.80 -2.11	77.81 5.05 -1.58	59.69 3.74 -1.02	48.76 2.93 0.00	41.47 2.57 -0.01	38.52 2.34 -0.20
ASTORIA_GT4_3 24104	35.25 2.37 -0.01	32.25 2.00 -0.01	32.25 1.94 -0.01	31.03 1.87 -0.01	32.28 1.94 -0.01	37.82 2.34 0.00	55.53 3.49 -0.01	81.67 5.20 -3.30	57.89 4.19 -1.38	42.16 3.11 -0.15	38.11 3.05 -0.02	37.22 2.87 -2.08	38.90 2.97 -1.76	38.94 2.79 -6.46	39.87 2.87 -2.02	43.01 3.01 -1.91	51.69 3.41 -0.99	72.86 4.98 -2.40	84.29 5.80 -2.11	77.81 5.05 -1.58	59.69 3.74 -1.02	48.76 2.93 0.00	41.47 2.57 -0.01	38.52 2.34 -0.20

ASTORIA_GT4_4 24105	35.25 2.37 -0.01	32.25 2.00 -0.01	32.25 1.94 -0.01	31.03 1.87 -0.01	32.28 1.94 -0.01	37.82 2.34 0.00	55.53 3.49 -0.01	81.67 5.20 -3.30	57.89 4.19 -1.38	42.16 3.11 -0.15	38.11 3.05 -0.02	37.22 2.87 -2.08	38.90 2.97 -1.76	38.94 2.79 -6.46	39.87 2.87 -2.02	43.01 3.01 -1.91	51.69 3.41 -0.99	72.86 4.98 -2.40	84.29 5.80 -2.11	77.81 5.05 -1.58	59.69 3.74 -1.02	48.76 2.93 0.00	41.47 2.57 -0.01	38.52 2.34 -0.20
ASTORIA_GT_1 23523	35.32 2.43 -0.01	32.28 2.03 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.85 2.38 0.00	55.63 3.59 -0.01	81.82 5.34 -3.30	58.00 4.29 -1.38	42.24 3.19 -0.15	38.18 3.12 -0.02	37.29 2.94 -2.08	38.96 3.04 -1.76	39.00 2.85 -6.46	39.94 2.94 -2.02	43.09 3.09 -1.91	51.79 3.50 -0.99	72.99 5.11 -2.40	84.45 5.96 -2.11	77.95 5.20 -1.58	59.80 3.85 -1.02	48.85 3.02 0.00	41.54 2.64 -0.01	38.59 2.41 -0.20
ASTORIA_GT_10 24110	35.29 2.40 -0.01	32.31 2.06 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.85 2.38 0.00	55.48 3.43 -0.01	81.61 5.12 -3.31	57.85 4.13 -1.39	42.13 3.07 -0.15	38.14 3.08 -0.02	37.25 2.90 -2.08	38.84 2.90 -1.77	38.92 2.76 -6.47	39.84 2.83 -2.03	42.98 2.97 -1.92	51.65 3.36 -1.00	72.80 4.91 -2.40	84.23 5.73 -2.12	77.74 4.98 -1.59	59.65 3.68 -1.02	48.80 2.98 0.00	41.47 2.57 -0.01	38.55 2.37 -0.20
ASTORIA_GT_11 24225	35.29 2.40 -0.01	32.31 2.06 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.85 2.38 0.00	55.48 3.43 -0.01	81.61 5.12 -3.31	57.85 4.13 -1.39	42.13 3.07 -0.15	38.14 3.08 -0.02	37.25 2.90 -2.08	38.84 2.90 -1.77	38.92 2.76 -6.47	39.84 2.83 -2.03	42.98 2.97 -1.92	51.65 3.36 -1.00	72.80 4.91 -2.40	84.23 5.73 -2.12	77.74 4.98 -1.59	59.65 3.68 -1.02	48.80 2.98 0.00	41.47 2.57 -0.01	38.55 2.37 -0.20
ASTORIA_GT_12 24226	35.29 2.40 -0.01	32.31 2.06 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.85 2.38 0.00	55.48 3.43 -0.01	81.61 5.12 -3.31	57.85 4.13 -1.39	42.13 3.07 -0.15	38.14 3.08 -0.02	37.25 2.90 -2.08	38.84 2.90 -1.77	38.92 2.76 -6.47	39.84 2.83 -2.03	42.98 2.97 -1.92	51.65 3.36 -1.00	72.80 4.91 -2.40	84.23 5.73 -2.12	77.74 4.98 -1.59	59.65 3.68 -1.02	48.80 2.98 0.00	41.47 2.57 -0.01	38.55 2.37 -0.20
ASTORIA_GT_13 24227	35.29 2.40 -0.01	32.31 2.06 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.85 2.38 0.00	55.48 3.43 -0.01	81.61 5.12 -3.31	57.85 4.13 -1.39	42.13 3.07 -0.15	38.14 3.08 -0.02	37.25 2.90 -2.08	38.84 2.90 -1.77	38.92 2.76 -6.47	39.84 2.83 -2.03	42.98 2.97 -1.92	51.65 3.36 -1.00	72.80 4.91 -2.40	84.23 5.73 -2.12	77.74 4.98 -1.59	59.65 3.68 -1.02	48.80 2.98 0.00	41.47 2.57 -0.01	38.55 2.37 -0.20
ASTORIA_GT_5 24106	35.32 2.43 -0.01	32.28 2.03 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.85 2.38 0.00	55.63 3.59 -0.01	81.82 5.34 -3.30	58.00 4.29 -1.38	42.24 3.19 -0.15	38.18 3.12 -0.02	37.29 2.94 -2.08	38.96 3.04 -1.76	39.00 2.85 -6.46	39.94 2.94 -2.02	43.09 3.09 -1.91	51.79 3.50 -0.99	72.99 5.11 -2.40	84.45 5.96 -2.11	77.95 5.20 -1.58	59.80 3.85 -1.02	48.85 3.02 0.00	41.54 2.64 -0.01	38.59 2.41 -0.20
ASTORIA_GT_7 24107	35.32 2.43 -0.01	32.28 2.03 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.85 2.38 0.00	55.63 3.59 -0.01	81.82 5.34 -3.30	58.00 4.29 -1.38	42.24 3.19 -0.15	38.18 3.12 -0.02	37.29 2.94 -2.08	38.96 3.04 -1.76	39.00 2.85 -6.46	39.94 2.94 -2.02	43.09 3.09 -1.91	51.79 3.50 -0.99	72.99 5.11 -2.40	84.45 5.96 -2.11	77.95 5.20 -1.58	59.80 3.85 -1.02	48.85 3.02 0.00	41.54 2.64 -0.01	38.59 2.41 -0.20
ASTORIA_GT_8 24108	35.32 2.43 -0.01	32.28 2.03 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.85 2.38 0.00	55.63 3.59 -0.01	81.82 5.34 -3.30	58.00 4.29 -1.38	42.24 3.19 -0.15	38.18 3.12 -0.02	37.29 2.94 -2.08	38.96 3.04 -1.76	39.00 2.85 -6.46	39.94 2.94 -2.02	43.09 3.09 -1.91	51.79 3.50 -0.99	72.99 5.11 -2.40	84.45 5.96 -2.11	77.95 5.20 -1.58	59.80 3.85 -1.02	48.85 3.02 0.00	41.54 2.64 -0.01	38.59 2.41 -0.20
ASTORIA___2 24149	35.26 2.37 -0.01	32.25 2.00 -0.01	32.25 1.94 -0.01	31.03 1.87 -0.01	32.28 1.94 -0.01	37.79 2.30 -0.01	55.53 3.49 -0.01	81.67 5.20 -3.30	57.79 4.08 -1.38	42.16 3.11 -0.15	38.14 3.08 -0.02	37.21 2.87 -2.08	38.89 2.97 -1.76	38.91 2.76 -6.46	39.83 2.83 -2.02	43.01 3.01 -1.91	51.69 3.41 -0.99	72.79 4.91 -2.39	84.40 5.80 -2.22	77.80 5.05 -1.58	59.69 3.74 -1.01	48.76 2.94 0.00	41.46 2.57 -0.01	38.53 2.34 -0.21
ASTORIA___3 23516	35.29 2.40 -0.01	32.31 2.06 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.83 2.34 -0.01	55.48 3.43 -0.01	81.60 5.12 -3.31	57.74 4.03 -1.39	42.13 3.07 -0.15	38.11 3.05 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.88 2.73 -6.47	39.81 2.80 -2.03	42.99 2.97 -1.92	51.65 3.36 -1.00	72.73 4.85 -2.40	84.34 5.73 -2.22	77.74 4.98 -1.59	59.64 3.68 -1.02	48.76 2.94 0.00	41.46 2.57 -0.01	38.56 2.37 -0.21
ASTORIA___4 23517	35.29 2.40 -0.01	32.31 2.06 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.85 2.38 0.00	55.48 3.43 -0.01	81.61 5.12 -3.31	57.85 4.13 -1.39	42.13 3.07 -0.15	38.14 3.08 -0.02	37.25 2.90 -2.08	38.84 2.90 -1.77	38.92 2.76 -6.47	39.84 2.83 -2.03	42.98 2.97 -1.92	51.65 3.36 -1.00	72.80 4.91 -2.40	84.23 5.73 -2.12	77.74 4.98 -1.59	59.65 3.68 -1.02	48.80 2.98 0.00	41.47 2.57 -0.01	38.55 2.37 -0.20
ASTORIA___5 23518	35.29 2.40 -0.01	32.31 2.06 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.83 2.34 -0.01	55.48 3.43 -0.01	81.60 5.12 -3.31	57.74 4.03 -1.39	42.13 3.07 -0.15	38.11 3.05 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.88 2.73 -6.47	39.81 2.80 -2.03	42.99 2.97 -1.92	51.65 3.36 -1.00	72.73 4.85 -2.40	84.34 5.73 -2.22	77.74 4.98 -1.59	59.64 3.68 -1.02	48.76 2.94 0.00	41.46 2.57 -0.01	38.56 2.37 -0.21
AST_ENERGY_2_CC3 323677	34.99 2.11 -0.01	32.01 1.75 -0.01	32.00 1.70 -0.01	30.83 1.66 -0.01	32.07 1.73 -0.01	37.51 2.02 -0.01	55.16 3.12 -0.01	81.16 4.69 -3.30	57.37 3.66 -1.38	41.85 2.80 -0.15	37.86 2.80 -0.02	36.96 2.61 -2.08	38.62 2.70 -1.76	38.70 2.55 -6.46	39.59 2.59 -2.02	42.75 2.74 -1.91	51.31 3.03 -0.99	72.33 4.46 -2.39	83.86 5.27 -2.22	77.31 4.56 -1.58	59.31 3.35 -1.01	48.43 2.61 0.00	41.19 2.29 -0.01	38.24 2.05 -0.21
AST_ENERGY_2_CC4 323678	34.99 2.11 -0.01	32.01 1.75 -0.01	32.00 1.70 -0.01	30.83 1.66 -0.01	32.07 1.73 -0.01	37.51 2.02 -0.01	55.16 3.12 -0.01	81.16 4.69 -3.30	57.37 3.66 -1.38	41.85 2.80 -0.15	37.86 2.80 -0.02	36.96 2.61 -2.08	38.62 2.70 -1.76	38.70 2.55 -6.46	39.59 2.59 -2.02	42.75 2.74 -1.91	51.31 3.03 -0.99	72.33 4.46 -2.39	83.86 5.27 -2.22	77.31 4.56 -1.58	59.31 3.35 -1.01	48.43 2.61 0.00	41.19 2.29 -0.01	38.24 2.05 -0.21

ATHENS_STG_1 23668	34.00 1.12 0.00	31.21 0.97 0.00	31.24 0.94 0.00	30.09 0.93 0.00	31.30 0.97 0.00	36.54 1.06 0.00	53.75 1.71 0.00	75.84 2.85 0.18	54.40 2.15 0.07	40.37 1.48 0.01	36.40 1.37 0.00	33.45 1.26 0.07	35.68 1.26 -0.25	30.32 1.28 0.64	36.63 1.26 -0.40	39.74 1.33 -0.32	48.80 1.56 0.05	67.77 2.42 0.14	78.92 2.83 0.29	73.44 2.42 0.15	56.75 1.87 0.05	47.20 1.37 0.00	40.02 1.13 0.00	37.11 1.04 -0.09
ATHENS_STG_2 23670	34.00 1.12 0.00	31.21 0.97 0.00	31.24 0.94 0.00	30.09 0.93 0.00	31.30 0.97 0.00	36.54 1.06 0.00	53.75 1.71 0.00	75.84 2.85 0.18	54.40 2.15 0.07	40.37 1.48 0.01	36.40 1.37 0.00	33.45 1.26 0.07	35.68 1.26 -0.25	30.32 1.28 0.64	36.63 1.26 -0.40	39.74 1.33 -0.32	48.80 1.56 0.05	67.77 2.42 0.14	78.92 2.83 0.29	73.44 2.42 0.15	56.75 1.87 0.05	47.20 1.37 0.00	40.02 1.13 0.00	37.11 1.04 -0.09
ATHENS_STG_3 23677	34.00 1.12 0.00	31.21 0.97 0.00	31.24 0.94 0.00	30.09 0.93 0.00	31.30 0.97 0.00	36.54 1.06 0.00	53.75 1.71 0.00	75.84 2.85 0.18	54.40 2.15 0.07	40.37 1.48 0.01	36.40 1.37 0.00	33.45 1.26 0.07	35.68 1.26 -0.25	30.32 1.28 0.64	36.63 1.26 -0.40	39.74 1.33 -0.32	48.80 1.56 0.05	67.77 2.42 0.14	78.92 2.83 0.29	73.44 2.42 0.15	56.75 1.87 0.05	47.20 1.37 0.00	40.02 1.13 0.00	37.11 1.04 -0.09
AUBURN___LFGE 323710	32.94 0.07 0.00	30.31 0.06 0.00	30.36 0.06 0.00	29.19 0.03 0.00	30.33 0.00 0.00	35.62 0.14 0.00	52.35 0.31 0.00	74.28 0.15 -0.97	52.54 0.21 0.00	39.10 0.19 0.00	35.14 0.11 0.00	32.38 0.06 -0.05	34.27 0.10 -0.01	30.05 0.18 -0.19	35.01 0.03 0.00	38.17 0.08 0.00	47.06 -0.24 0.00	65.12 -0.33 0.03	76.35 0.08 0.11	71.25 0.14 0.06	55.11 0.16 0.00	45.96 0.14 0.00	38.85 -0.04 0.00	35.87 -0.11 0.00
BABYLON_RES_REC 323704	33.88 1.51 0.52	30.93 1.18 0.49	30.93 1.15 0.52	29.86 1.11 0.41	30.97 1.15 0.52	36.47 1.35 0.35	44.55 2.08 9.57	48.06 4.10 29.21	43.39 3.56 12.49	39.43 2.68 2.16	36.64 2.84 1.23	36.21 2.91 -1.03	36.66 2.77 0.27	36.78 2.58 -4.51	37.01 2.69 0.67	38.21 2.70 2.59	41.59 3.07 8.78	48.28 3.80 21.00	60.17 4.20 20.40	59.79 3.28 14.65	48.33 2.25 8.87	41.47 1.24 5.59	39.73 1.32 0.48	37.22 1.40 0.16
BALL_HILL_WT_PWR 323825	33.04 0.17 0.00	30.67 0.42 0.00	30.69 0.39 0.00	29.28 0.12 0.00	30.30 -0.03 0.00	35.37 -0.11 0.00	50.48 -1.56 0.00	68.42 -4.75 0.00	50.81 -1.52 0.00	39.21 0.31 0.00	35.46 0.42 0.00	32.71 0.39 -0.06	34.42 0.24 -0.01	30.47 0.56 -0.23	34.87 -0.10 0.00	37.67 -0.42 0.00	45.07 -2.22 0.00	61.37 -4.06 0.05	71.25 -3.77 0.78	67.12 -3.77 0.28	52.08 -2.86 0.00	44.36 -1.47 0.00	37.84 -1.05 0.00	35.11 -0.86 0.00
BARON_WINDS___WT_PWR 323822	32.94 0.07 0.00	30.43 0.18 0.00	30.51 0.21 0.00	29.22 0.06 0.00	30.33 0.00 0.00	35.62 0.14 0.00	52.09 0.05 0.00	72.24 -1.02 -0.09	51.43 -0.94 -0.04	1.66 -0.78 36.46	0.03 -0.74 34.27	4.63 -0.81 26.83	4.80 -0.82 28.55	29.47 -0.56 -0.35	4.78 -1.08 29.11	37.04 -1.07 -0.01	45.62 -1.70 -0.03	64.26 -1.25 -0.02	75.03 -0.69 0.66	70.32 -0.64 0.21	54.59 -0.38 -0.03	45.46 -0.37 0.00	38.50 -0.39 0.00	35.55 -0.43 0.00
BARRETT_IC_1 23704	34.43 1.55 -0.01	31.49 1.24 0.00	31.48 1.18 0.00	30.30 1.14 0.00	31.55 1.21 0.00	36.86 1.38 0.00	53.57 1.87 0.34	76.97 3.51 -0.29	55.93 3.25 -0.36	41.55 2.61 -0.03	37.84 2.80 0.00	37.20 2.87 -2.07	38.58 2.73 -1.69	38.59 2.52 -6.38	39.50 2.62 -1.90	42.25 2.51 -1.64	50.48 2.93 -0.25	70.16 4.06 -0.61	81.79 4.89 -0.51	75.37 3.84 -0.36	58.00 2.80 -0.26	47.27 1.65 0.20	40.18 1.32 0.04	37.62 1.44 -0.21
BARRETT_IC_10 23701	34.43 1.55 -0.01	31.49 1.24 0.00	31.48 1.18 0.00	30.30 1.14 0.00	31.55 1.21 0.00	36.86 1.38 0.00	53.57 1.87 0.34	76.97 3.51 -0.29	55.93 3.25 -0.36	41.55 2.61 -0.03	37.84 2.80 0.00	37.20 2.87 -2.07	38.58 2.73 -1.69	38.59 2.52 -6.38	39.50 2.62 -1.90	42.25 2.51 -1.64	50.48 2.93 -0.25	70.16 4.06 -0.61	81.79 4.89 -0.51	75.37 3.84 -0.36	58.00 2.80 -0.26	47.27 1.65 0.20	40.18 1.32 0.04	37.62 1.44 -0.21
BARRETT_IC_11 23702	34.43 1.55 -0.01	31.49 1.24 0.00	31.48 1.18 0.00	30.30 1.14 0.00	31.55 1.21 0.00	36.86 1.38 0.00	53.57 1.87 0.34	76.97 3.51 -0.29	55.93 3.25 -0.36	41.55 2.61 -0.03	37.84 2.80 0.00	37.20 2.87 -2.07	38.58 2.73 -1.69	38.59 2.52 -6.38	39.50 2.62 -1.90	42.25 2.51 -1.64	50.48 2.93 -0.25	70.16 4.06 -0.61	81.79 4.89 -0.51	75.37 3.84 -0.36	58.00 2.80 -0.26	47.27 1.65 0.20	40.18 1.32 0.04	37.62 1.44 -0.21
BARRETT_IC_12 23703	34.43 1.55 -0.01	31.49 1.24 0.00	31.48 1.18 0.00	30.30 1.14 0.00	31.55 1.21 0.00	36.86 1.38 0.00	53.57 1.87 0.34	76.97 3.51 -0.29	55.93 3.25 -0.36	41.55 2.61 -0.03	37.84 2.80 0.00	37.20 2.87 -2.07	38.58 2.73 -1.69	38.59 2.52 -6.38	39.50 2.62 -1.90	42.25 2.51 -1.64	50.48 2.93 -0.25	70.16 4.06 -0.61	81.79 4.89 -0.51	75.37 3.84 -0.36	58.00 2.80 -0.26	47.27 1.65 0.20	40.18 1.32 0.04	37.62 1.44 -0.21
BARRETT_IC_2 23705	34.43 1.55 -0.01	31.49 1.24 0.00	31.48 1.18 0.00	30.30 1.14 0.00	31.55 1.21 0.00	36.86 1.38 0.00	53.57 1.87 0.34	76.97 3.51 -0.29	55.93 3.25 -0.36	41.55 2.61 -0.03	37.84 2.80 0.00	37.20 2.87 -2.07	38.58 2.73 -1.69	38.59 2.52 -6.38	39.50 2.62 -1.90	42.25 2.51 -1.64	50.48 2.93 -0.25	70.16 4.06 -0.61	81.79 4.89 -0.51	75.37 3.84 -0.36	58.00 2.80 -0.26	47.27 1.65 0.20	40.18 1.32 0.04	37.62 1.44 -0.21
BARRETT_IC_3 23706	34.43 1.55 -0.01	31.49 1.24 0.00	31.48 1.18 0.00	30.30 1.14 0.00	31.55 1.21 0.00	36.86 1.38 0.00	53.57 1.87 0.34	76.97 3.51 -0.29	55.93 3.25 -0.36	41.55 2.61 -0.03	37.84 2.80 0.00	37.20 2.87 -2.07	38.58 2.73 -1.69	38.59 2.52 -6.38	39.50 2.62 -1.90	42.25 2.51 -1.64	50.48 2.93 -0.25	70.16 4.06 -0.61	81.79 4.89 -0.51	75.37 3.84 -0.36	58.00 2.80 -0.26	47.27 1.65 0.20	40.18 1.32 0.04	37.62 1.44 -0.21
BARRETT_IC_4 23707	34.43 1.55 -0.01	31.49 1.24 0.00	31.48 1.18 0.00	30.30 1.14 0.00	31.55 1.21 0.00	36.86 1.38 0.00	53.57 1.87 0.34	76.97 3.51 -0.29	55.93 3.25 -0.36	41.55 2.61 -0.03	37.84 2.80 0.00	37.20 2.87 -2.07	38.58 2.73 -1.69	38.59 2.52 -6.38	39.50 2.62 -1.90	42.25 2.51 -1.64	50.48 2.93 -0.25	70.16 4.06 -0.61	81.79 4.89 -0.51	75.37 3.84 -0.36	58.00 2.80 -0.26	47.27 1.65 0.20	40.18 1.32 0.04	37.62 1.44 -0.21
BARRETT_IC_5 23708	34.43 1.55 -0.01	31.49 1.24 0.00	31.48 1.18 0.00	30.30 1.14 0.00	31.55 1.21 0.00	36.86 1.38 0.00	53.57 1.87 0.34	76.97 3.51 -0.29	55.93 3.25 -0.36	41.55 2.61 -0.03	37.84 2.80 0.00	37.20 2.87 -2.07	38.58 2.73 -1.69	38.59 2.52 -6.38	39.50 2.62 -1.90	42.25 2.51 -1.64	50.48 2.93 -0.25	70.16 4.06 -0.61	81.79 4.89 -0.51	75.37 3.84 -0.36	58.00 2.80 -0.26	47.27 1.65 0.20	40.18 1.32 0.04	37.62 1.44 -0.21

BARRETT_IC_6 23709	34.43 1.55 -0.01	31.49 1.24 0.00	31.48 1.18 0.00	30.30 1.14 0.00	31.55 1.21 0.00	36.86 1.38 0.00	53.57 1.87 0.34	76.97 3.51 -0.29	55.93 3.25 -0.36	41.55 2.61 -0.03	37.84 2.80 0.00	37.20 2.87 -2.07	38.58 2.73 -1.69	38.59 2.52 -6.38	39.50 2.62 -1.90	42.25 2.51 -1.64	50.48 2.93 -0.25	70.16 4.06 -0.61	81.79 4.89 -0.51	75.37 3.84 -0.36	58.00 2.80 -0.26	47.27 1.65 0.20	40.18 1.32 0.04	37.62 1.44 -0.21
BARRETT_IC_7 23710	34.42 1.55 0.00	31.49 1.24 0.00	31.48 1.18 0.00	30.30 1.14 0.00	31.55 1.21 0.00	36.93 1.45 0.00	53.57 1.87 0.34	76.97 3.51 -0.29	56.19 3.51 -0.36	41.54 2.61 -0.03	37.87 2.84 0.00	37.24 2.90 -2.07	38.58 2.73 -1.69	38.62 2.55 -6.38	39.50 2.62 -1.90	42.25 2.51 -1.64	50.48 2.93 -0.25	70.29 4.19 -0.61	81.68 4.89 -0.41	75.37 3.84 -0.36	58.00 2.80 -0.26	47.31 1.70 0.20	40.14 1.28 0.04	37.69 1.51 -0.20
BARRETT_IC_8 23711	34.43 1.55 -0.01	31.49 1.24 0.00	31.48 1.18 0.00	30.30 1.14 0.00	31.55 1.21 0.00	36.86 1.38 0.00	53.57 1.87 0.34	76.97 3.51 -0.29	55.93 3.25 -0.36	41.55 2.61 -0.03	37.84 2.80 0.00	37.20 2.87 -2.07	38.58 2.73 -1.69	38.59 2.52 -6.38	39.50 2.62 -1.90	42.25 2.51 -1.64	50.48 2.93 -0.25	70.16 4.06 -0.61	81.79 4.89 -0.51	75.37 3.84 -0.36	58.00 2.80 -0.26	47.27 1.65 0.20	40.18 1.32 0.04	37.62 1.44 -0.21
BARRETT_IC_9 23700	34.43 1.55 -0.01	31.49 1.24 0.00	31.48 1.18 0.00	30.30 1.14 0.00	31.55 1.21 0.00	36.86 1.38 0.00	53.57 1.87 0.34	76.97 3.51 -0.29	55.93 3.25 -0.36	41.55 2.61 -0.03	37.84 2.80 0.00	37.20 2.87 -2.07	38.58 2.73 -1.69	38.59 2.52 -6.38	39.50 2.62 -1.90	42.25 2.51 -1.64	50.48 2.93 -0.25	70.16 4.06 -0.61	81.79 4.89 -0.51	75.37 3.84 -0.36	58.00 2.80 -0.26	47.27 1.65 0.20	40.18 1.32 0.04	37.62 1.44 -0.21
BARRETT___1 23545	34.43 1.55 -0.01	31.49 1.24 0.00	31.48 1.18 0.00	30.30 1.14 0.00	31.55 1.21 0.00	36.86 1.38 0.00	53.57 1.87 0.34	76.97 3.51 -0.29	55.93 3.25 -0.36	41.55 2.61 -0.03	37.84 2.80 0.00	37.20 2.87 -2.07	38.58 2.73 -1.69	38.59 2.52 -6.38	39.50 2.62 -1.90	42.25 2.51 -1.64	50.48 2.93 -0.25	70.16 4.06 -0.61	81.79 4.89 -0.51	75.37 3.84 -0.36	58.00 2.80 -0.26	47.27 1.65 0.20	40.18 1.32 0.04	37.62 1.44 -0.21
BARRETT___2 23546	34.43 1.55 -0.01	31.49 1.24 0.00	31.48 1.18 0.00	30.30 1.14 0.00	31.55 1.21 0.00	36.86 1.38 0.00	53.57 1.87 0.34	76.97 3.51 -0.29	55.93 3.25 -0.36	41.55 2.61 -0.03	37.84 2.80 0.00	37.20 2.87 -2.07	38.58 2.73 -1.69	38.59 2.52 -6.38	39.50 2.62 -1.90	42.25 2.51 -1.64	50.48 2.93 -0.25	70.16 4.06 -0.61	81.79 4.89 -0.51	75.37 3.84 -0.36	58.00 2.80 -0.26	47.27 1.65 0.20	40.18 1.32 0.04	37.62 1.44 -0.21
BATAVIA__115KV_TB1 55881	33.31 0.43 0.00	30.94 0.70 0.00	30.97 0.67 0.00	29.74 0.58 0.00	30.70 0.36 0.00	35.73 0.25 0.00	51.20 -0.83 0.00	69.95 -3.22 0.00	51.54 -0.78 0.00	39.88 0.97 0.00	35.91 0.88 0.00	33.28 0.97 -0.05	34.92 0.75 -0.01	30.80 0.92 -0.19	35.54 0.56 0.00	38.47 0.38 0.00	45.78 -1.51 0.00	61.64 -3.80 0.05	72.38 -3.21 0.79	68.40 -2.49 0.28	53.07 -1.87 0.00	45.32 -0.50 0.00	38.46 -0.43 0.00	35.62 -0.36 0.00
BAYONEEC___CTG1 323682	35.12 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.18 1.85 0.00	37.64 2.16 0.00	55.42 3.38 -0.01	81.83 5.56 -3.10	57.96 4.34 -1.30	42.20 3.15 -0.14	38.07 3.01 -0.02	37.19 2.84 -2.08	38.79 2.87 -1.76	38.85 2.70 -6.47	39.90 2.90 -2.02	43.04 3.05 -1.89	51.78 3.55 -0.93	72.90 5.17 -2.25	84.64 6.18 -2.07	78.06 5.41 -1.48	59.91 4.01 -0.96	48.67 2.84 0.00	41.26 2.37 0.00	38.38 2.19 -0.21
BAYONEEC___CTG10 323750	35.12 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.18 1.85 0.00	37.64 2.16 0.00	55.42 3.38 -0.01	81.83 5.56 -3.10	57.96 4.34 -1.30	42.20 3.15 -0.14	38.07 3.01 -0.02	37.19 2.84 -2.08	38.79 2.87 -1.76	38.85 2.70 -6.47	39.90 2.90 -2.02	43.04 3.05 -1.89	51.78 3.55 -0.93	72.90 5.17 -2.25	84.64 6.18 -2.07	78.06 5.41 -1.48	59.91 4.01 -0.96	48.67 2.84 0.00	41.26 2.37 0.00	38.38 2.19 -0.21
BAYONEEC___CTG2 323683	35.12 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.18 1.85 0.00	37.64 2.16 0.00	55.42 3.38 -0.01	81.83 5.56 -3.10	57.96 4.34 -1.30	42.20 3.15 -0.14	38.07 3.01 -0.02	37.19 2.84 -2.08	38.79 2.87 -1.76	38.85 2.70 -6.47	39.90 2.90 -2.02	43.04 3.05 -1.89	51.78 3.55 -0.93	72.90 5.17 -2.25	84.64 6.18 -2.07	78.06 5.41 -1.48	59.91 4.01 -0.96	48.67 2.84 0.00	41.26 2.37 0.00	38.38 2.19 -0.21
BAYONEEC___CTG3 323684	35.12 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.18 1.85 0.00	37.64 2.16 0.00	55.42 3.38 -0.01	81.83 5.56 -3.10	57.96 4.34 -1.30	42.20 3.15 -0.14	38.07 3.01 -0.02	37.19 2.84 -2.08	38.79 2.87 -1.76	38.85 2.70 -6.47	39.90 2.90 -2.02	43.04 3.05 -1.89	51.78 3.55 -0.93	72.90 5.17 -2.25	84.64 6.18 -2.07	78.06 5.41 -1.48	59.91 4.01 -0.96	48.67 2.84 0.00	41.26 2.37 0.00	38.38 2.19 -0.21
BAYONEEC___CTG4 323685	35.12 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.18 1.85 0.00	37.64 2.16 0.00	55.42 3.38 -0.01	81.83 5.56 -3.10	57.96 4.34 -1.30	42.20 3.15 -0.14	38.07 3.01 -0.02	37.19 2.84 -2.08	38.79 2.87 -1.76	38.85 2.70 -6.47	39.90 2.90 -2.02	43.04 3.05 -1.89	51.78 3.55 -0.93	72.90 5.17 -2.25	84.64 6.18 -2.07	78.06 5.41 -1.48	59.91 4.01 -0.96	48.67 2.84 0.00	41.26 2.37 0.00	38.38 2.19 -0.21
BAYONEEC___CTG5 323686	35.12 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.18 1.85 0.00	37.64 2.16 0.00	55.42 3.38 -0.01	81.83 5.56 -3.10	57.96 4.34 -1.30	42.20 3.15 -0.14	38.07 3.01 -0.02	37.19 2.84 -2.08	38.79 2.87 -1.76	38.85 2.70 -6.47	39.90 2.90 -2.02	43.04 3.05 -1.89	51.78 3.55 -0.93	72.90 5.17 -2.25	84.64 6.18 -2.07	78.06 5.41 -1.48	59.91 4.01 -0.96	48.67 2.84 0.00	41.26 2.37 0.00	38.38 2.19 -0.21
BAYONEEC___CTG6 323687	35.12 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.18 1.85 0.00	37.64 2.16 0.00	55.42 3.38 -0.01	81.83 5.56 -3.10	57.96 4.34 -1.30	42.20 3.15 -0.14	38.07 3.01 -0.02	37.19 2.84 -2.08	38.79 2.87 -1.76	38.85 2.70 -6.47	39.90 2.90 -2.02	43.04 3.05 -1.89	51.78 3.55 -0.93	72.90 5.17 -2.25	84.64 6.18 -2.07	78.06 5.41 -1.48	59.91 4.01 -0.96	48.67 2.84 0.00	41.26 2.37 0.00	38.38 2.19 -0.21
BAYONEEC___CTG7 323688	35.12 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.18 1.85 0.00	37.64 2.16 0.00	55.42 3.38 -0.01	81.83 5.56 -3.10	57.96 4.34 -1.30	42.20 3.15 -0.14	38.07 3.01 -0.02	37.19 2.84 -2.08	38.79 2.87 -1.76	38.85 2.70 -6.47	39.90 2.90 -2.02	43.04 3.05 -1.89	51.78 3.55 -0.93	72.90 5.17 -2.25	84.64 6.18 -2.07	78.06 5.41 -1.48	59.91 4.01 -0.96	48.67 2.84 0.00	41.26 2.37 0.00	38.38 2.19 -0.21

BAYONEEC___CTG8 323689	35.12 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.18 1.85 0.00	37.64 2.16 0.00	55.42 3.38 -0.01	81.83 5.56 -3.10	57.96 4.34 -1.30	42.20 3.15 -0.14	38.07 3.01 -0.02	37.19 2.84 -2.08	38.79 2.87 -1.76	38.85 2.70 -6.47	39.90 2.90 -2.02	43.04 3.05 -1.89	51.78 3.55 -0.93	72.90 5.17 -2.25	84.64 6.18 -2.07	78.06 5.41 -1.48	59.91 4.01 -0.96	48.67 2.84 0.00	41.26 2.37 0.00	38.38 2.19 -0.21
BAYONEEC___CTG9 323749	35.12 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.18 1.85 0.00	37.64 2.16 0.00	55.42 3.38 -0.01	81.83 5.56 -3.10	57.96 4.34 -1.30	42.20 3.15 -0.14	38.07 3.01 -0.02	37.19 2.84 -2.08	38.79 2.87 -1.76	38.85 2.70 -6.47	39.90 2.90 -2.02	43.04 3.05 -1.89	51.78 3.55 -0.93	72.90 5.17 -2.25	84.64 6.18 -2.07	78.06 5.41 -1.48	59.91 4.01 -0.96	48.67 2.84 0.00	41.26 2.37 0.00	38.38 2.19 -0.21
BEACON___LESR 323632	33.96 1.08 0.00	31.24 1.00 0.00	31.15 0.85 0.00	30.06 0.90 0.00	31.21 0.88 0.00	36.58 1.10 0.00	53.75 1.71 0.00	75.54 2.49 0.12	53.95 1.67 0.05	39.95 1.05 0.01	35.91 0.88 0.00	32.74 0.74 0.27	34.35 0.68 0.49	30.00 0.77 0.46	35.09 0.77 0.66	38.26 0.72 0.55	48.21 0.95 0.03	67.22 1.83 0.09	74.48 2.37 4.27	73.05 1.99 0.11	56.39 1.48 0.03	46.97 1.15 0.00	39.79 0.90 0.00	36.81 0.97 0.14
BEAVER RIVER___HYD 24048	33.04 0.17 0.00	30.37 0.12 0.00	30.48 0.18 0.00	29.25 0.09 0.00	30.55 0.21 0.00	35.76 0.28 0.00	53.18 1.14 0.00	75.86 1.98 -0.71	53.37 1.05 0.00	39.45 0.54 0.00	35.39 0.35 0.00	32.33 0.06 0.00	34.20 0.03 0.00	29.72 0.03 0.00	35.08 0.11 0.00	38.40 0.30 0.00	47.63 0.33 0.00	66.07 0.59 0.00	77.76 1.07 -0.31	72.47 1.21 -0.09	55.98 1.04 0.00	46.83 1.01 0.00	39.63 0.74 0.00	36.70 0.72 0.00
BEEBEE_GT_13 23619	32.94 0.07 0.00	30.49 0.24 0.00	30.51 0.21 0.00	29.25 0.09 0.00	30.39 0.06 0.00	35.48 0.00 0.00	51.41 -0.62 0.00	71.12 -2.05 0.00	51.75 -0.58 0.00	39.33 0.43 0.00	35.42 0.39 0.00	32.82 0.52 -0.04	34.58 0.41 -0.01	30.35 0.50 -0.16	35.26 0.28 0.00	38.32 0.23 0.00	46.35 -0.95 0.00	63.14 -2.29 0.05	73.68 -1.91 0.79	69.40 -1.49 0.28	53.90 -1.04 0.00	45.50 -0.32 0.00	38.50 -0.39 0.00	35.58 -0.40 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.58 2.70 -0.01	32.58 2.33 -0.01	32.58 2.27 -0.01	31.35 2.19 -0.01	32.62 2.27 -0.01	38.17 2.70 0.00	55.69 3.64 -0.01	81.25 4.98 -3.11	57.71 4.08 -1.30	42.02 2.96 -0.15	38.28 3.22 -0.02	37.42 3.07 -2.08	39.01 3.07 -1.77	39.06 2.91 -6.47	39.77 2.76 -2.03	42.89 2.90 -1.90	51.55 3.31 -0.94	72.72 4.85 -2.39	84.13 5.65 -2.10	77.67 4.91 -1.59	59.59 3.63 -1.02	48.99 3.16 0.00	41.74 2.84 -0.01	38.91 2.73 -0.20
BETHLEHEM___GRP 23843	33.54 0.66 0.00	30.85 0.60 0.00	30.72 0.42 0.00	29.65 0.50 0.00	30.82 0.49 0.00	36.04 0.57 0.00	52.97 0.94 0.00	74.44 1.39 0.12	53.33 1.05 0.05	39.48 0.58 0.01	35.56 0.53 0.00	32.43 0.42 0.26	34.08 0.38 0.46	29.73 0.50 0.46	34.78 0.42 0.62	37.88 0.30 0.52	47.59 0.33 0.03	66.31 0.92 0.09	77.30 1.15 0.23	71.91 0.85 0.11	55.56 0.66 0.04	46.24 0.41 0.00	39.20 0.31 0.00	36.28 0.43 0.13
BETHLEHEM___GS1 323560	33.54 0.66 0.00	30.85 0.60 0.00	30.72 0.42 0.00	29.65 0.50 0.00	30.82 0.48 0.00	36.08 0.60 0.00	52.97 0.94 0.00	74.44 1.39 0.12	53.22 0.94 0.05	39.48 0.58 0.01	35.56 0.53 0.00	32.43 0.42 0.26	34.08 0.38 0.46	29.70 0.47 0.46	34.78 0.42 0.62	37.84 0.27 0.52	47.59 0.33 0.03	66.24 0.85 0.09	75.10 1.15 2.43	71.92 0.86 0.11	55.57 0.66 0.03	46.23 0.41 0.00	39.20 0.31 0.00	36.28 0.43 0.13
BETHLEHEM___GS2 323561	33.54 0.66 0.00	30.85 0.60 0.00	30.72 0.42 0.00	29.65 0.50 0.00	30.82 0.48 0.00	36.08 0.60 0.00	52.97 0.94 0.00	74.44 1.39 0.12	53.22 0.94 0.05	39.48 0.58 0.01	35.56 0.53 0.00	32.43 0.42 0.26	34.08 0.38 0.46	29.70 0.47 0.46	34.78 0.42 0.62	37.84 0.27 0.52	47.59 0.33 0.03	66.24 0.85 0.09	75.10 1.15 2.43	71.92 0.86 0.11	55.57 0.66 0.03	46.23 0.41 0.00	39.20 0.31 0.00	36.28 0.43 0.13
BETHLEHEM___GS3 323562	33.54 0.66 0.00	30.85 0.60 0.00	30.72 0.42 0.00	29.65 0.50 0.00	30.82 0.48 0.00	36.08 0.60 0.00	52.97 0.94 0.00	74.44 1.39 0.12	53.22 0.94 0.05	39.48 0.58 0.01	35.56 0.53 0.00	32.43 0.42 0.26	34.08 0.38 0.46	29.70 0.47 0.46	34.78 0.42 0.62	37.84 0.27 0.52	47.59 0.33 0.03	66.24 0.85 0.09	75.10 1.15 2.43	71.92 0.86 0.11	55.57 0.66 0.03	46.23 0.41 0.00	39.20 0.31 0.00	36.28 0.43 0.13
BETHLEHEM___STEEL 23779	32.98 0.10 0.00	30.64 0.39 0.00	30.63 0.33 0.00	29.30 0.15 0.00	30.33 0.00 0.00	35.23 -0.25 0.00	50.42 -1.61 0.00	68.19 -4.98 0.00	50.39 -1.94 0.00	39.37 0.47 0.00	35.56 0.53 0.00	32.84 0.52 -0.06	34.52 0.34 -0.01	30.50 0.59 -0.22	35.01 0.03 0.00	37.75 -0.34 0.00	45.07 -2.22 0.00	60.52 -4.91 0.05	70.86 -4.74 0.78	66.77 -4.13 0.28	51.81 -3.13 0.00	44.31 -1.51 0.00	37.80 -1.09 0.00	35.04 -0.94 0.00
BETHLHEM_115KV_TB1 79974	33.57 0.69 0.00	30.91 0.67 0.00	30.78 0.48 0.00	29.71 0.55 0.00	30.88 0.55 0.00	36.12 0.64 0.00	53.08 1.04 0.00	74.59 1.54 0.12	53.43 1.15 0.05	39.56 0.66 0.01	35.63 0.60 0.00	32.53 0.52 0.25	34.20 0.48 0.44	29.80 0.56 0.45	34.92 0.52 0.58	38.02 0.42 0.49	47.78 0.52 0.03	66.50 1.11 0.09	77.45 1.30 0.23	72.13 1.07 0.11	55.73 0.82 0.04	46.37 0.55 0.00	39.32 0.43 0.00	36.36 0.50 0.12
BETHPAGE_CC_5 323564	34.09 1.48 0.27	31.14 1.15 0.26	31.15 1.12 0.27	30.02 1.08 0.21	31.22 1.15 0.27	36.57 1.28 0.18	45.30 1.93 8.67	50.60 3.88 26.45	44.48 3.35 11.20	39.84 2.57 1.63	37.06 2.73 0.71	36.57 2.78 -1.53	37.20 2.73 -0.31	37.31 2.55 -5.07	37.58 2.66 0.05	38.84 2.63 1.88	42.33 2.98 7.95	50.61 4.25 19.13	62.95 5.04 18.47	61.96 4.05 13.27	49.61 2.75 8.08	42.33 1.60 5.10	39.81 1.36 0.44	37.32 1.33 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.98 0.10 0.00	30.64 0.39 0.00	30.63 0.33 0.00	29.30 0.15 0.00	30.33 0.00 0.00	35.26 -0.21 0.00	50.47 -1.56 0.00	68.34 -4.83 0.00	50.44 -1.88 0.00	39.37 0.47 0.00	35.56 0.53 0.00	32.84 0.52 -0.06	34.52 0.34 -0.01	30.50 0.59 -0.22	35.01 0.03 0.00	37.79 -0.30 0.00	45.12 -2.18 0.00	60.72 -4.71 0.05	71.02 -4.58 0.78	66.91 -3.99 0.28	51.92 -3.02 0.00	44.36 -1.47 0.00	37.84 -1.05 0.00	35.08 -0.90 0.00
BINGHAMTON___COGEN 23790	33.24 0.36 0.00	30.64 0.39 0.00	30.69 0.39 0.00	29.48 0.32 0.00	30.64 0.30 0.00	35.87 0.39 0.00	52.61 0.57 0.00	73.65 0.37 -0.12	52.90 0.52 -0.05	39.49 0.58 -0.01	35.56 0.53 0.00	32.84 0.42 -0.16	34.76 0.44 -0.16	30.68 0.53 -0.46	35.52 0.35 -0.19	38.64 0.38 -0.16	47.38 0.05 -0.04	65.46 -0.07 -0.04	76.00 0.23 0.61	71.20 0.21 0.19	55.20 0.22 -0.04	46.05 0.23 0.00	39.05 0.16 0.00	36.12 0.14 0.00

BIXINCNT_115KV_LOAD 355685	32.88 0.00 0.00	30.55 0.30 0.00	30.57 0.27 0.00	29.22 0.06 0.00	30.21 -0.12 0.00	35.16 -0.32 0.00	50.53 -1.51 0.00	68.41 -4.76 0.00	50.08 -2.25 0.00	38.71 -0.19 0.00	34.96 -0.07 0.00	32.23 -0.10 -0.06	33.80 -0.38 -0.01	29.92 0.00 -0.24	34.35 -0.63 0.00	37.10 -0.99 0.00	44.69 -2.60 0.00	60.85 -4.58 0.05	71.48 -4.12 0.78	67.55 -3.35 0.27	52.25 -2.69 0.00	44.36 -1.47 0.00	37.84 -1.05 0.00	35.08 -0.90 0.00
BLACK RIVER___HYD 24047	33.47 0.59 0.00	30.76 0.51 0.00	30.87 0.57 0.00	29.60 0.44 0.00	30.94 0.61 0.00	36.29 0.82 0.00	53.91 1.87 0.00	77.42 3.00 -1.25	54.05 1.72 0.00	39.68 0.78 0.00	35.53 0.49 0.00	32.49 0.23 0.00	34.37 0.21 0.00	29.86 0.18 0.00	35.26 0.28 0.00	38.70 0.61 0.00	47.96 0.66 0.00	66.60 1.11 0.00	78.98 2.06 -0.54	73.61 2.28 -0.16	56.70 1.76 0.00	47.38 1.56 0.00	40.02 1.13 0.00	37.02 1.04 0.00
BLACKRVR_115KV_TB2 79977	33.47 0.59 0.00	30.76 0.51 0.00	30.88 0.58 0.00	29.60 0.44 0.00	30.94 0.61 0.00	36.26 0.78 0.00	53.91 1.87 0.00	77.42 3.00 -1.25	54.00 1.67 0.00	39.68 0.78 0.00	35.53 0.49 0.00	32.49 0.23 0.00	34.37 0.20 0.00	29.86 0.18 0.00	35.26 0.28 0.00	38.70 0.61 0.00	47.96 0.66 0.00	66.60 1.11 0.00	78.98 2.06 -0.54	73.61 2.28 -0.16	56.70 1.76 0.00	47.38 1.56 0.00	40.02 1.13 0.00	37.02 1.04 0.00
BLDWN_LI_69_KV_BK4 356085	34.56 1.68 0.00	31.58 1.33 0.00	31.60 1.30 0.00	30.44 1.28 0.00	31.67 1.33 0.00	37.07 1.60 0.00	49.18 2.29 5.14	62.03 4.32 15.46	49.85 3.92 6.40	41.05 2.84 0.70	37.96 3.01 0.09	37.39 3.07 -2.06	38.28 2.94 -1.18	38.33 2.73 -5.91	38.88 2.87 -1.04	40.75 2.86 0.20	46.04 3.36 4.61	59.13 4.85 11.20	71.26 5.73 10.85	68.15 4.70 7.72	53.51 3.30 4.73	44.88 2.11 3.05	40.25 1.63 0.27	37.83 1.65 -0.20
BLISS_WT_PWR 323608	32.81 -0.07 0.00	30.52 0.27 0.00	30.54 0.24 0.00	29.13 -0.03 0.00	30.15 -0.18 0.00	35.23 -0.25 0.00	50.42 -1.61 0.00	68.12 -5.05 0.00	50.23 -2.09 0.00	38.48 -0.43 0.00	34.83 -0.21 0.00	32.07 -0.26 -0.06	33.59 -0.58 -0.01	29.81 -0.12 -0.24	34.10 -0.87 0.00	36.87 -1.22 0.00	44.50 -2.79 0.00	61.11 -4.32 0.05	71.40 -4.20 0.78	67.48 -3.41 0.27	52.19 -2.75 0.00	44.31 -1.51 0.00	37.80 -1.09 0.00	35.04 -0.94 0.00
BLUESTONE___WT_PWR 323821	33.90 1.02 0.00	31.24 1.00 0.00	31.36 1.06 0.00	30.12 0.96 0.00	31.46 1.12 0.00	36.97 1.49 0.00	54.64 2.60 0.00	76.95 3.66 -0.13	54.89 2.51 -0.05	40.35 1.44 -0.01	36.09 1.05 0.00	33.24 0.81 -0.17	35.04 0.72 -0.16	30.92 0.74 -0.49	35.94 0.77 -0.19	39.33 1.07 -0.17	48.56 1.23 -0.04	68.03 2.49 -0.05	79.32 3.44 0.50	74.30 3.28 0.14	57.56 2.58 -0.04	47.56 1.74 0.00	40.21 1.32 0.00	37.27 1.29 0.00
BLUE_CIRC_CHEM_DRP 24182	33.90 1.02 0.00	31.18 0.94 0.00	31.15 0.85 0.00	30.03 0.87 0.00	31.30 0.97 0.00	36.58 1.10 0.00	53.86 1.82 0.00	75.57 2.49 0.09	53.91 1.62 0.04	39.79 0.89 0.00	35.74 0.70 0.00	32.70 0.58 0.14	34.52 0.58 0.22	29.94 0.56 0.31	35.35 0.66 0.29	38.61 0.76 0.25	48.12 0.85 0.03	67.11 1.70 0.08	78.30 2.14 0.22	72.92 1.85 0.10	56.34 1.43 0.03	46.97 1.15 0.00	39.82 0.93 0.00	36.86 0.97 0.08
BOC_GAS_DRP 24189	33.67 0.79 0.00	30.97 0.73 0.00	30.94 0.64 0.00	29.80 0.64 0.00	31.00 0.67 0.00	36.22 0.75 0.00	53.28 1.25 0.00	75.03 1.98 0.11	53.75 1.47 0.05	39.87 0.97 0.01	35.91 0.88 0.00	32.87 0.81 0.20	34.65 0.79 0.30	30.08 0.83 0.43	35.40 0.80 0.38	38.56 0.80 0.33	48.16 0.90 0.03	66.96 1.57 0.09	77.99 1.83 0.23	72.63 1.57 0.11	56.11 1.21 0.03	46.69 0.87 0.00	39.59 0.70 0.00	36.62 0.72 0.08
BOONVILLE_115KV_TB1 79983	33.31 0.43 0.00	30.64 0.39 0.00	30.72 0.42 0.00	29.51 0.35 0.00	30.79 0.45 0.00	36.04 0.57 0.00	53.34 1.30 0.00	75.37 2.20 0.00	53.69 1.36 0.00	39.68 0.78 0.00	35.63 0.60 0.00	32.62 0.35 0.00	34.50 0.34 0.00	30.01 0.33 0.00	35.40 0.42 0.00	38.66 0.57 0.00	48.05 0.76 0.00	66.59 1.11 0.01	77.86 1.68 0.20	72.81 1.71 0.07	56.26 1.32 0.00	46.88 1.05 0.00	39.67 0.78 0.00	36.73 0.76 0.00
BORALEX_4TH_BRANCH 23824	34.88 2.01 0.00	32.09 1.85 0.00	31.97 1.67 0.00	30.79 1.63 0.00	32.03 1.70 0.00	37.43 1.95 0.00	54.68 3.12 0.47	76.05 4.54 1.66	54.98 3.35 0.69	41.08 2.26 0.08	37.16 2.14 0.01	33.65 1.87 0.49	34.85 1.84 1.16	30.91 1.81 0.58	35.26 1.89 1.60	38.62 1.98 1.45	49.26 2.46 0.50	68.39 4.13 1.22	79.89 4.81 1.30	74.56 4.27 0.88	57.67 3.24 0.51	48.11 2.57 0.28	40.91 2.02 0.00	37.31 1.69 0.36
BOWLINE___1 23526	34.79 1.91 0.00	31.88 1.63 0.00	31.87 1.57 0.00	30.70 1.54 0.00	31.94 1.61 0.00	37.32 1.84 0.00	55.00 2.96 0.00	79.65 4.90 -1.58	56.76 3.77 -0.66	41.66 2.68 -0.07	37.53 2.49 -0.01	36.52 2.32 -1.92	38.05 2.39 -1.50	38.06 2.29 -6.09	39.05 2.41 -1.66	42.14 2.55 -1.49	50.80 3.03 -0.47	71.07 4.46 -1.13	82.54 5.27 -0.89	76.51 4.62 -0.71	58.89 3.46 -0.48	48.25 2.43 0.00	40.87 1.98 0.00	38.04 1.87 -0.19
BOWLINE___2 23595	34.79 1.91 0.00	31.88 1.63 0.00	31.87 1.57 0.00	30.67 1.52 0.00	31.94 1.61 0.00	37.32 1.84 0.00	55.00 2.96 0.00	79.65 4.90 -1.58	56.76 3.77 -0.66	41.62 2.65 -0.07	37.53 2.49 -0.01	36.52 2.32 -1.92	38.05 2.39 -1.50	38.06 2.29 -6.09	39.05 2.41 -1.66	42.14 2.55 -1.49	50.80 3.03 -0.47	71.07 4.46 -1.13	82.54 5.27 -0.89	76.51 4.62 -0.71	58.83 3.41 -0.48	48.25 2.43 0.00	40.87 1.98 0.00	38.04 1.87 -0.19
BRADY___115KV_TB2 356060	33.04 0.16 0.00	30.40 0.15 0.00	30.54 0.24 0.00	29.33 0.17 0.00	30.58 0.24 0.00	35.76 0.28 0.00	52.66 0.62 0.00	73.98 0.80 0.00	52.54 0.21 0.00	38.90 0.00 0.00	35.00 -0.04 0.00	32.23 -0.03 0.00	34.33 0.17 0.00	29.72 0.03 0.00	35.22 0.24 0.00	38.40 0.30 0.00	47.96 0.66 0.00	66.47 0.98 0.00	77.14 0.76 0.00	72.24 1.07 0.00	55.76 0.82 0.00	46.65 0.82 0.00	39.71 0.82 0.00	36.80 0.83 0.00
BRANSCOMB___SOLAR 323811	34.39 1.51 0.00	31.64 1.39 0.00	31.66 1.36 0.00	30.50 1.34 0.00	31.73 1.40 0.00	37.00 1.52 0.00	54.69 2.65 0.00	77.01 3.95 0.11	54.79 2.51 0.05	40.38 1.48 0.01	36.26 1.23 0.00	32.97 1.00 0.30	34.45 0.89 0.59	30.22 0.98 0.44	35.22 1.05 0.80	38.60 1.18 0.68	48.96 1.70 0.03	68.41 3.01 0.09	81.67 3.97 -1.32	74.48 3.42 0.11	57.54 2.64 0.03	47.89 2.06 0.00	40.56 1.67 0.00	37.31 1.51 0.18
BRDGHMPT_69_KV_BK1 55812	21.95 0.59 11.52	19.71 0.36 10.90	19.11 0.36 11.55	20.57 0.38 8.97	19.32 0.39 11.40	28.26 0.53 7.75	38.26 0.52 14.30	31.56 2.05 43.66	29.81 2.30 24.82	19.91 1.67 20.67	13.04 2.00 23.99	13.44 2.10 20.92	13.52 1.88 22.52	14.30 1.78 17.17	14.69 1.78 22.08	18.14 1.64 21.59	36.07 1.89 13.12	43.71 2.88 24.66	49.30 3.51 30.60	51.85 2.56 21.88	46.01 1.48 10.41	39.85 0.60 6.57	38.33 0.12 0.68	28.51 0.47 7.94



BRENTWOD_69_KV_W. BRTWOOD 56703	33.45 1.64 1.08	30.53 1.30 1.02	30.52 1.30 1.08	29.57 1.25 0.84	30.57 1.30 1.07	36.35 1.60 0.72	43.20 2.13 10.96	43.98 4.24 33.44	41.77 4.03 14.59	38.52 2.88 3.26	35.63 3.01 2.42	35.24 3.07 0.09	35.54 2.90 1.52	35.69 2.70 -3.30	35.83 2.80 1.95	36.95 2.82 3.96	40.22 2.98 10.06	45.93 4.19 23.74	57.88 4.96 23.47	58.60 4.20 16.77	47.44 2.53 10.03	40.96 1.47 6.33	39.51 1.17 0.55	36.97 1.55 0.56
BRISTLHL_115KV_TB1 79998	32.35 -0.53 0.00	29.79 -0.45 0.00	29.82 -0.48 0.00	28.69 -0.47 0.00	29.82 -0.52 0.00	34.94 -0.53 0.00	51.31 -0.73 0.00	74.96 -1.24 -3.04	51.54 -0.78 0.00	38.44 -0.47 0.00	34.58 -0.46 0.00	31.81 -0.45 0.00	33.72 -0.44 0.00	29.33 -0.36 0.00	34.45 -0.52 0.00	37.52 -0.57 0.00	46.30 -0.99 0.00	63.93 -1.57 -0.02	76.45 -1.53 -1.60	70.24 -1.42 -0.50	53.90 -1.04 0.00	45.00 -0.82 0.00	38.15 -0.74 0.00	35.26 -0.72 0.00
BROOKHAVEN___DRP 24191	22.11 0.76 11.53	19.85 0.51 10.91	19.22 0.48 11.56	20.65 0.47 8.98	19.40 0.49 11.42	28.36 0.64 7.75	38.51 0.78 14.31	31.89 2.41 43.70	30.00 2.51 24.84	20.00 1.79 20.69	13.13 2.10 24.01	13.58 2.26 20.94	13.67 2.05 22.54	14.45 1.96 17.19	14.80 1.92 22.10	18.27 1.79 21.61	36.20 2.03 13.13	43.89 3.08 24.67	49.35 3.59 30.62	51.84 2.56 21.90	46.17 1.65 10.42	40.03 0.78 6.57	38.60 0.39 0.68	28.65 0.61 7.94
BROOKLYN_NAVY_YARD 23515	35.15 2.27 0.00	32.18 1.94 0.00	32.18 1.88 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.72 2.24 0.00	55.53 3.49 -0.01	82.32 5.86 -3.30	58.20 4.50 -1.37	42.32 3.27 -0.14	38.14 3.08 -0.02	37.22 2.87 -2.08	38.86 2.94 -1.76	38.91 2.76 -6.47	39.97 2.97 -2.02	43.16 3.16 -1.90	52.01 3.74 -0.98	73.30 5.43 -2.39	85.00 6.42 -2.21	78.36 5.62 -1.57	60.12 4.17 -1.01	48.76 2.94 0.00	41.34 2.45 0.00	38.45 2.27 -0.21
BROOKLYN___ARMY_DRP 323595	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.53 3.49 -0.01	80.96 4.68 -3.11	57.50 3.87 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.29 2.94 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.63 2.62 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.52 4.58 -2.45	83.89 5.35 -2.16	77.32 4.55 -1.59	59.32 3.35 -1.02	48.80 2.98 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
BROOME_2_LFGE 323671	33.24 0.36 0.00	30.64 0.39 0.00	30.69 0.39 0.00	29.48 0.32 0.00	30.64 0.30 0.00	35.90 0.43 0.00	52.61 0.57 0.00	73.66 0.37 -0.12	52.95 0.58 -0.05	39.49 0.58 -0.01	35.56 0.53 0.00	32.84 0.42 -0.16	34.76 0.44 -0.16	30.68 0.53 -0.46	35.52 0.35 -0.19	38.64 0.38 -0.16	47.38 0.05 -0.04	65.53 0.00 -0.04	76.00 0.23 0.61	71.20 0.21 0.19	55.20 0.22 -0.04	46.05 0.23 0.00	39.01 0.12 0.00	36.12 0.14 0.00
BROOME___LFGE 323600	33.24 0.36 0.00	30.64 0.39 0.00	30.69 0.39 0.00	29.48 0.32 0.00	30.64 0.30 0.00	35.90 0.43 0.00	52.61 0.57 0.00	73.66 0.37 -0.12	52.95 0.58 -0.05	39.49 0.58 -0.01	35.56 0.53 0.00	32.84 0.42 -0.16	34.76 0.44 -0.16	30.68 0.53 -0.46	35.52 0.35 -0.19	38.64 0.38 -0.16	47.38 0.05 -0.04	65.53 0.00 -0.04	76.00 0.23 0.61	71.20 0.21 0.19	55.20 0.22 -0.04	46.05 0.23 0.00	39.01 0.12 0.00	36.12 0.14 0.00
BROWNFLS_115KV_TB 3_5 80003	32.98 0.10 0.00	30.31 0.06 0.00	30.45 0.15 0.00	29.22 0.06 0.00	30.48 0.15 0.00	35.69 0.21 0.00	52.82 0.78 0.00	74.99 1.32 -0.51	52.90 0.58 0.00	39.14 0.23 0.00	35.21 0.18 0.00	32.27 0.00 0.00	34.26 0.10 0.00	29.72 0.03 0.00	35.15 0.17 0.00	38.40 0.30 0.00	47.58 0.28 0.00	65.81 0.33 0.00	77.06 0.46 -0.22	71.95 0.71 -0.07	55.65 0.71 0.00	46.69 0.87 0.00	39.63 0.74 0.00	36.70 0.72 0.00
BROWNSV1_27_KV_LOAD 356125	35.35 2.47 0.00	32.33 2.09 0.00	32.36 2.06 0.00	31.11 1.95 0.00	32.40 2.06 0.00	37.92 2.45 0.00	55.79 3.75 -0.01	82.34 6.07 -3.10	58.44 4.81 -1.30	42.47 3.42 -0.14	38.32 3.26 -0.02	37.41 3.07 -2.08	39.03 3.11 -1.76	39.06 2.91 -6.47	40.14 3.15 -2.02	43.30 3.31 -1.89	52.15 3.93 -0.93	73.50 5.76 -2.25	85.15 6.80 -1.97	78.63 5.98 -1.48	60.35 4.45 -0.96	49.03 3.21 0.00	41.53 2.64 0.00	38.66 2.48 -0.20
BURROWS___LYONSDAL 23803	33.21 0.33 0.00	30.52 0.27 0.00	30.60 0.30 0.00	29.39 0.23 0.00	30.67 0.33 0.00	35.94 0.46 0.00	53.28 1.25 0.00	75.64 2.12 -0.35	53.58 1.26 0.00	39.64 0.74 0.00	35.56 0.53 0.00	32.52 0.26 0.00	34.40 0.24 0.00	29.92 0.24 0.00	35.29 0.31 0.00	38.59 0.50 0.00	47.91 0.61 0.00	66.46 0.98 0.01	77.80 1.45 0.03	72.65 1.49 0.02	56.15 1.21 0.00	46.83 1.01 0.00	39.63 0.74 0.00	36.70 0.72 0.00
CAITHNESS_CC_1 323624	22.16 0.82 11.54	19.89 0.57 10.93	19.23 0.51 11.58	20.69 0.53 8.99	19.44 0.55 11.43	28.35 0.64 7.77	38.60 0.88 14.32	31.93 2.49 43.73	29.87 2.41 24.86	20.06 1.87 20.71	13.14 2.14 24.04	13.59 2.29 20.97	13.71 2.12 22.57	14.46 1.99 17.22	14.85 1.99 22.12	18.32 1.87 21.63	36.24 2.08 13.14	43.87 3.08 24.69	49.51 3.67 30.54	51.89 2.63 21.92	46.22 1.71 10.43	40.02 0.78 6.58	38.68 0.47 0.68	28.67 0.65 7.96
CALPINE BETH_PAGE_GT4 24209	34.46 1.58 0.00	31.49 1.24 0.00	31.51 1.21 0.00	30.35 1.20 0.00	31.58 1.24 0.00	36.93 1.45 0.00	46.33 1.98 7.68	53.67 3.95 23.45	46.20 3.66 9.79	40.45 2.61 1.06	37.70 2.80 0.14	37.17 2.84 -2.06	37.92 2.84 -0.93	38.00 2.64 -5.67	38.35 2.76 -0.61	39.75 2.78 1.12	43.32 3.07 7.04	52.83 4.45 17.11	65.16 5.27 16.49	63.67 4.27 11.77	50.63 2.91 7.22	43.05 1.79 4.56	39.98 1.48 0.39	37.69 1.51 -0.20
CALPINE_BETH_PAGE_GT_4 323586	34.46 1.58 0.00	31.48 1.24 0.01	31.51 1.21 0.01	30.32 1.17 0.01	31.57 1.24 0.01	36.89 1.42 0.00	46.38 2.03 7.68	53.67 3.95 23.45	45.99 3.45 9.79	40.45 2.61 1.06	37.66 2.77 0.14	37.13 2.81 -2.06	37.92 2.83 -0.93	38.00 2.64 -5.67	38.35 2.76 -0.61	39.75 2.78 1.12	43.32 3.07 7.05	52.70 4.32 17.11	65.19 5.20 16.38	63.60 4.20 11.77	50.57 2.86 7.22	42.96 1.70 4.56	40.01 1.52 0.39	37.65 1.48 -0.20
CALPINE_BP_GT1 23823	34.46 1.58 0.00	31.48 1.24 0.01	31.51 1.21 0.01	30.32 1.17 0.01	31.57 1.24 0.01	36.89 1.42 0.00	46.38 2.03 7.68	53.67 3.95 23.45	45.99 3.45 9.79	40.45 2.61 1.06	37.66 2.77 0.14	37.13 2.81 -2.06	37.92 2.83 -0.93	38.00 2.64 -5.67	38.35 2.76 -0.61	39.75 2.78 1.12	43.32 3.07 7.05	52.70 4.32 17.11	65.19 5.20 16.38	63.60 4.20 11.77	50.57 2.86 7.22	42.96 1.70 4.56	40.01 1.52 0.39	37.65 1.48 -0.20
CALSPAN___DRP 24200	32.98 0.10 0.00	30.64 0.39 0.00	30.63 0.33 0.00	29.30 0.15 0.00	30.33 0.00 0.00	35.23 -0.25 0.00	50.42 -1.61 0.00	68.19 -4.98 0.00	50.39 -1.94 0.00	39.37 0.47 0.00	35.56 0.53 0.00	32.84 0.52 -0.06	34.52 0.34 -0.01	30.50 0.59 -0.22	35.01 0.03 0.00	37.75 -0.34 0.00	45.07 -2.22 0.00	60.52 -4.91 0.05	70.86 -4.74 0.78	66.77 -4.13 0.28	51.81 -3.13 0.00	44.31 -1.51 0.00	37.80 -1.09 0.00	35.04 -0.94 0.00

CALVERTON___SOLAR 323806	22.07 0.72 11.53	19.81 0.48 10.92	19.15 0.42 11.57	20.61 0.44 8.99	19.36 0.46 11.43	28.21 0.50 7.76	38.46 0.73 14.31	31.75 2.27 43.69	29.68 2.20 24.84	19.92 1.71 20.69	13.02 2.00 24.02	13.48 2.16 20.95	13.60 1.98 22.55	14.36 1.87 17.20	14.76 1.89 22.10	18.23 1.75 21.62	36.16 1.99 13.13	43.76 2.95 24.67	49.39 3.52 30.51	51.83 2.56 21.90	46.12 1.59 10.42	39.94 0.69 6.57	38.56 0.35 0.68	28.57 0.54 7.95
CANDIGU_WT_PWR 323617	32.94 0.07 0.00	30.43 0.18 0.00	30.51 0.21 0.00	29.22 0.06 0.00	30.33 0.00 0.00	35.62 0.14 0.00	52.09 0.05 0.00	72.24 -1.02 -0.09	51.43 -0.94 -0.04	1.66 -0.78 36.46	0.03 -0.74 34.27	4.63 -0.81 26.83	4.80 -0.82 28.55	29.47 -0.56 -0.35	4.78 -1.08 29.11	37.04 -1.07 -0.01	45.62 -1.70 -0.03	64.26 -1.25 -0.02	75.03 -0.69 0.66	70.32 -0.64 0.21	54.59 -0.38 -0.03	45.46 -0.37 0.00	38.50 -0.39 0.00	35.55 -0.43 0.00
CARR STREET_E_SYR 24060	32.55 -0.33 0.00	29.94 -0.30 0.00	30.00 -0.30 0.00	28.84 -0.32 0.00	30.00 -0.33 0.00	35.16 -0.32 0.00	51.62 -0.42 0.00	72.30 -0.87 0.00	51.91 -0.42 0.00	38.67 -0.23 0.00	34.79 -0.24 0.00	32.08 -0.22 -0.04	33.93 -0.24 -0.01	29.71 -0.12 -0.14	34.66 -0.32 0.00	37.79 -0.31 0.00	46.63 -0.66 0.00	64.38 -1.05 0.05	74.47 -1.07 0.84	69.95 -0.93 0.30	54.28 -0.66 0.00	45.28 -0.55 0.00	38.35 -0.54 0.00	35.44 -0.54 0.00
CARTHAGE___PAPER 23857	33.24 0.36 0.00	30.55 0.30 0.00	30.66 0.36 0.00	29.42 0.26 0.00	30.73 0.39 0.00	36.01 0.53 0.00	53.55 1.51 0.00	76.70 2.49 -1.04	53.69 1.36 0.00	39.56 0.66 0.00	35.42 0.39 0.00	32.36 0.10 0.00	34.27 0.10 0.00	29.77 0.09 0.00	35.15 0.18 0.00	38.55 0.46 0.00	47.82 0.52 0.00	66.40 0.92 0.00	78.43 1.61 -0.45	73.09 1.78 -0.13	56.37 1.43 0.00	47.15 1.33 0.00	39.86 0.97 0.00	36.88 0.90 0.00
CASSADAGA_WT_PWR 323784	33.40 0.52 0.00	30.94 0.70 0.00	30.81 0.51 0.00	29.31 0.15 0.00	30.24 -0.09 0.00	35.19 -0.29 0.00	50.32 -1.72 0.00	67.98 -5.19 0.00	50.23 -2.09 0.00	38.71 -0.19 0.00	35.00 -0.03 0.00	32.23 -0.10 -0.06	33.97 -0.20 -0.01	30.19 0.27 -0.23	34.42 -0.56 0.00	37.25 -0.84 0.00	44.93 -2.36 0.00	61.51 -3.93 0.05	71.71 -3.89 0.78	67.98 -2.92 0.27	52.69 -2.25 0.00	44.68 -1.14 0.00	38.11 -0.78 0.00	35.26 -0.72 0.00
CE_DUNWOOD___DRP 24194	34.88 2.01 0.00	31.97 1.72 0.00	31.97 1.67 0.00	30.76 1.60 0.00	32.00 1.67 0.00	37.46 1.99 0.00	55.11 3.07 0.00	80.16 5.05 -1.94	57.17 4.03 -0.81	41.80 2.80 -0.09	37.68 2.63 -0.01	36.79 2.45 -2.07	38.35 2.53 -1.66	38.61 2.40 -6.52	39.38 2.55 -1.85	42.47 2.70 -1.68	51.05 3.17 -0.58	71.60 4.71 -1.40	83.04 5.50 -1.16	76.91 4.84 -0.90	59.11 3.57 -0.60	48.39 2.57 0.00	40.99 2.10 0.00	38.16 1.98 -0.20
CE_MILLWOOD___DRP 24193	34.82 1.94 0.00	31.91 1.66 0.00	31.91 1.61 0.00	30.73 1.57 0.00	31.97 1.64 0.00	37.39 1.92 0.00	55.01 2.97 0.00	79.74 4.90 -1.67	56.95 3.92 -0.70	41.67 2.68 -0.08	37.57 2.52 -0.01	36.69 2.36 -2.07	38.16 2.43 -1.57	38.61 2.32 -6.61	39.15 2.45 -1.72	42.23 2.59 -1.55	50.87 3.07 -0.50	71.21 4.52 -1.20	82.70 5.35 -0.97	76.63 4.70 -0.77	58.92 3.46 -0.52	48.30 2.47 0.00	40.91 2.02 0.00	38.08 1.91 -0.20
CE_NYC2_DRP 24202	35.29 2.40 -0.01	32.31 2.06 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.85 2.38 0.00	55.48 3.43 -0.01	81.61 5.12 -3.31	57.90 4.19 -1.39	42.13 3.07 -0.15	38.14 3.08 -0.02	37.25 2.90 -2.08	38.84 2.90 -1.77	38.92 2.76 -6.47	39.84 2.83 -2.03	42.98 2.97 -1.92	51.65 3.36 -1.00	72.87 4.98 -2.40	84.23 5.73 -2.12	77.74 4.98 -1.59	59.65 3.68 -1.02	48.80 2.98 0.00	41.43 2.53 -0.01	38.55 2.37 -0.20
CE_NYC_DRP 24195	35.15 2.27 0.00	32.18 1.94 0.00	32.21 1.91 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.75 2.27 0.00	55.53 3.49 -0.01	81.93 5.71 -3.05	58.16 4.55 -1.28	42.28 3.23 -0.14	38.14 3.08 -0.02	37.25 2.90 -2.08	38.86 2.94 -1.76	38.91 2.76 -6.46	39.93 2.94 -2.02	43.10 3.12 -1.89	51.86 3.64 -0.92	73.07 5.37 -2.21	84.58 6.26 -1.93	78.11 5.48 -1.46	59.95 4.07 -0.94	48.76 2.93 0.00	41.30 2.41 0.00	38.45 2.27 -0.20
CHAFFEE___LFGE 323603	33.01 0.13 0.00	30.67 0.42 0.00	30.69 0.39 0.00	29.31 0.15 0.00	30.36 0.03 0.00	35.48 0.00 0.00	50.63 -1.40 0.00	68.63 -4.54 0.00	51.13 -1.20 0.00	39.49 0.58 0.00	35.67 0.63 0.00	32.94 0.61 -0.06	34.62 0.44 -0.01	30.66 0.74 -0.23	35.08 0.11 0.00	37.87 -0.23 0.00	45.26 -2.03 0.00	61.37 -4.06 0.05	71.25 -4.35 0.78	67.12 -3.77 0.28	52.03 -2.91 0.00	44.45 -1.37 0.00	37.92 -0.97 0.00	35.15 -0.83 0.00
CHATEAUG_35_KV_LOAD 355732	31.86 -1.02 0.00	29.28 -0.97 0.00	29.42 -0.88 0.00	28.28 -0.87 0.00	29.45 -0.88 0.00	34.52 -0.96 0.00	50.68 -1.35 0.00	71.41 -1.76 0.00	51.02 -1.31 0.00	38.09 -0.82 0.00	34.37 -0.67 0.00	31.75 -0.52 0.00	33.96 -0.20 0.00	29.51 -0.18 0.00	35.08 0.10 0.00	38.24 0.15 0.00	47.53 0.24 0.00	65.62 0.13 0.00	75.85 -0.53 0.00	70.89 -0.28 0.00	54.50 -0.44 0.00	45.64 -0.18 0.00	39.12 0.23 0.00	36.26 0.29 0.00
CHATEAUG_WT_PWR 323614	31.76 -1.12 0.00	29.19 -1.06 0.00	29.33 -0.97 0.00	28.20 -0.96 0.00	29.36 -0.97 0.00	34.41 -1.06 0.00	50.48 -1.56 0.00	71.12 -2.05 0.00	50.86 -1.46 0.00	38.05 -0.86 0.00	34.33 -0.70 0.00	31.75 -0.52 0.00	33.92 -0.24 0.00	29.51 -0.18 0.00	35.05 0.07 0.00	38.17 0.08 0.00	47.34 0.05 0.00	65.22 -0.26 0.00	75.54 -0.84 0.00	70.53 -0.64 0.00	54.28 -0.66 0.00	45.46 -0.37 0.00	39.05 0.16 0.00	36.16 0.18 0.00
CHAT_HIGH_FALL_HYD 323578	31.86 -1.02 0.00	29.28 -0.97 0.00	29.42 -0.88 0.00	28.28 -0.87 0.00	29.45 -0.88 0.00	34.52 -0.96 0.00	50.68 -1.35 0.00	71.41 -1.76 0.00	51.02 -1.31 0.00	38.09 -0.82 0.00	34.37 -0.67 0.00	31.75 -0.52 0.00	33.96 -0.20 0.00	29.51 -0.18 0.00	35.08 0.10 0.00	38.24 0.15 0.00	47.53 0.24 0.00	65.62 0.13 0.00	75.85 -0.53 0.00	70.89 -0.28 0.00	54.50 -0.44 0.00	45.64 -0.18 0.00	39.12 0.23 0.00	36.26 0.29 0.00
CHAUTAUQUA___LFGE 323629	33.31 0.43 0.00	30.88 0.64 0.00	30.85 0.55 0.00	29.36 0.21 0.00	30.39 0.06 0.00	35.44 -0.04 0.00	50.68 -1.35 0.00	68.63 -4.54 0.00	50.86 -1.46 0.00	39.25 0.35 0.00	35.49 0.45 0.00	32.71 0.39 -0.06	34.45 0.27 -0.01	30.54 0.62 -0.23	34.91 -0.07 0.00	37.71 -0.38 0.00	45.26 -2.03 0.00	61.71 -3.73 0.05	71.78 -3.82 0.78	67.77 -3.13 0.28	52.52 -2.42 0.00	44.68 -1.14 0.00	38.07 -0.82 0.00	35.33 -0.65 0.00
CHERRYST_13_KV_LD 356241	35.25 2.37 0.00	32.27 2.03 0.00	32.27 1.97 0.00	31.05 1.90 0.00	32.30 1.97 0.00	37.82 2.34 0.00	55.68 3.64 -0.01	82.15 5.93 -3.05	58.31 4.71 -1.28	42.39 3.35 -0.14	38.25 3.19 -0.02	37.35 3.00 -2.08	38.96 3.04 -1.76	39.03 2.88 -6.46	40.07 3.08 -2.02	43.22 3.24 -1.89	52.05 3.83 -0.92	73.26 5.57 -2.21	84.81 6.49 -1.93	78.32 5.69 -1.46	60.11 4.23 -0.94	48.89 3.07 0.00	41.42 2.53 0.00	38.55 2.37 -0.20

CHESTROR_138KV_BK263 355645	34.69 1.81 0.00	31.82 1.57 0.00	31.85 1.55 0.00	30.65 1.49 0.00	31.88 1.55 0.00	37.32 1.84 0.00	55.00 2.97 0.00	79.27 4.76 -1.34	56.60 3.72 -0.56	41.46 2.49 -0.06	37.32 2.28 -0.01	36.05 2.13 -1.66	37.71 2.19 -1.36	36.97 2.14 -5.15	38.75 2.24 -1.54	41.87 2.40 -1.37	50.59 2.88 -0.41	70.77 4.32 -0.97	82.15 5.04 -0.73	76.32 4.55 -0.60	58.71 3.35 -0.42	48.21 2.38 0.00	40.80 1.91 0.00	37.98 1.83 -0.17
CH_MIDHUDSON___DRP 24192	35.02 2.14 0.00	32.09 1.85 0.00	32.09 1.79 0.00	30.91 1.75 0.00	32.18 1.85 0.00	37.61 2.13 0.00	55.68 3.64 0.00	78.90 5.63 -0.10	56.61 4.24 -0.04	41.63 2.72 0.00	37.35 2.31 0.00	35.09 2.13 -0.69	37.57 2.25 -1.15	33.27 2.26 -1.33	38.94 2.45 -1.52	42.03 2.67 -1.27	50.78 3.45 -0.03	70.65 5.11 -0.06	82.30 6.03 0.12	76.78 5.62 0.02	59.09 4.12 -0.03	48.80 2.98 0.00	40.68 1.79 0.00	37.73 1.65 -0.10
CH_MISC_IPPS 23765	35.05 2.17 0.00	32.12 1.88 0.00	32.12 1.82 0.00	30.94 1.78 0.00	32.21 1.88 0.00	37.61 2.13 0.00	55.78 3.75 0.00	79.08 5.71 -0.20	56.65 4.24 -0.08	41.72 2.80 -0.01	37.45 2.42 0.00	35.29 2.20 -0.83	37.82 2.36 -1.30	33.71 2.32 -1.70	39.20 2.52 -1.70	42.30 2.78 -1.43	50.87 3.50 -0.08	70.77 5.11 -0.17	82.48 6.11 0.01	76.93 5.70 -0.06	59.19 4.17 -0.08	48.85 3.02 0.00	41.03 2.14 0.00	38.12 1.98 -0.17
CH_RES_BVR_FALLS 23983	31.99 -0.89 0.00	29.43 -0.82 0.00	29.54 -0.76 0.00	28.46 -0.70 0.00	29.67 -0.67 0.00	34.80 -0.68 0.00	51.20 -0.83 0.00	72.30 -0.87 0.00	51.75 -0.57 0.00	38.51 -0.39 0.00	34.68 -0.35 0.00	31.94 -0.32 0.00	33.82 -0.34 0.00	29.30 -0.39 0.00	34.56 -0.42 0.00	37.64 -0.46 0.00	46.82 -0.47 0.00	64.83 -0.65 0.00	75.39 -1.00 0.00	70.24 -0.93 0.00	54.17 -0.77 0.00	45.23 -0.60 0.00	38.46 -0.43 0.00	35.65 -0.32 0.00
CH_RES_NIAGARA 23895	32.71 -0.16 0.00	30.43 0.18 0.00	30.42 0.12 0.00	28.78 -0.38 0.00	30.09 -0.24 0.00	34.80 -0.67 0.00	49.17 -2.86 0.00	66.15 -7.02 0.00	49.08 -3.24 0.00	38.59 -0.31 0.00	34.86 -0.18 0.00	32.25 -0.06 -0.05	33.90 -0.27 -0.01	29.92 0.03 -0.21	34.38 -0.59 0.00	37.10 -0.99 0.00	44.03 -3.26 0.00	58.76 -6.68 0.05	68.72 -6.87 0.79	64.77 -6.12 0.28	50.33 -4.61 0.00	43.26 -2.57 0.00	36.95 -1.94 0.00	34.39 -1.58 0.00
CH_RES_SYRACUSE 23985	32.72 -0.16 0.00	30.10 -0.15 0.00	30.15 -0.15 0.00	28.98 -0.17 0.00	30.15 -0.18 0.00	35.34 -0.14 0.00	51.93 -0.10 0.00	73.97 -0.44 -1.24	52.17 -0.16 0.00	38.83 -0.08 0.00	34.93 -0.10 0.00	32.18 -0.13 -0.04	34.10 -0.07 -0.01	29.84 0.00 -0.15	34.84 -0.14 0.00	37.98 -0.11 0.00	46.87 -0.43 0.00	64.74 -0.72 0.03	75.86 -0.61 -0.10	70.68 -0.49 -0.01	54.61 -0.33 0.00	45.55 -0.27 0.00	38.58 -0.31 0.00	35.62 -0.36 0.00
CLINTON_WT_PWR 323605	31.76 -1.12 0.00	29.19 -1.06 0.00	29.33 -0.97 0.00	28.20 -0.96 0.00	29.36 -0.97 0.00	34.41 -1.06 0.00	50.48 -1.56 0.00	71.12 -2.05 0.00	50.86 -1.46 0.00	38.05 -0.86 0.00	34.33 -0.70 0.00	31.75 -0.52 0.00	33.92 -0.24 0.00	29.51 -0.18 0.00	35.05 0.07 0.00	38.17 0.08 0.00	47.34 0.05 0.00	65.22 -0.26 0.00	75.54 -0.84 0.00	70.53 -0.64 0.00	54.28 -0.66 0.00	45.46 -0.37 0.00	39.05 0.16 0.00	36.16 0.18 0.00
CLINTON___LFGE 323618	31.47 -1.41 0.00	28.92 -1.33 0.00	29.09 -1.21 0.00	27.94 -1.22 0.00	29.09 -1.24 0.00	34.13 -1.35 0.00	50.06 -1.98 0.00	70.61 -2.56 0.00	50.65 -1.68 0.00	38.13 -0.78 0.00	34.41 -0.63 0.00	31.85 -0.42 0.00	34.23 0.07 0.00	29.86 0.18 0.00	35.54 0.56 0.00	38.74 0.65 0.00	47.53 0.24 0.00	65.35 -0.13 0.00	75.24 -1.14 0.00	70.46 -0.71 0.00	54.12 -0.82 0.00	45.50 -0.32 0.00	39.51 0.62 0.00	36.59 0.61 0.00
COBBLENY_34_KV_TB1 80064	33.01 0.13 0.00	30.67 0.42 0.00	30.66 0.36 0.00	29.33 0.17 0.00	30.36 0.03 0.00	35.30 -0.18 0.00	50.63 -1.40 0.00	68.63 -4.54 0.00	50.65 -1.67 0.00	39.49 0.58 0.00	35.63 0.60 0.00	32.91 0.58 -0.06	34.58 0.41 -0.01	30.60 0.68 -0.23	35.08 0.10 0.00	37.86 -0.23 0.00	45.26 -2.03 0.00	60.85 -4.58 0.05	71.25 -4.35 0.78	67.12 -3.77 0.28	52.03 -2.91 0.00	44.45 -1.37 0.00	37.92 -0.97 0.00	35.11 -0.86 0.00
COFFEEN___115KV_TB3 355620	33.60 0.72 0.00	30.91 0.67 0.00	31.03 0.73 0.00	29.71 0.55 0.00	31.06 0.73 0.00	36.43 0.96 0.00	54.22 2.19 0.00	77.89 3.44 -1.28	54.26 1.94 0.00	39.80 0.89 0.00	35.63 0.60 0.00	32.56 0.29 0.00	34.44 0.27 0.00	29.92 0.24 0.00	35.36 0.38 0.00	38.82 0.72 0.00	48.10 0.80 0.00	66.86 1.38 0.00	79.45 2.52 -0.55	74.04 2.70 -0.17	57.03 2.09 0.00	47.61 1.79 0.00	40.17 1.28 0.00	37.16 1.19 0.00
COLDSPRG_115KV_BK1 355956	33.50 0.62 0.00	31.03 0.79 0.00	31.00 0.70 0.00	29.57 0.41 0.00	30.61 0.27 0.00	35.62 0.14 0.00	51.52 -0.52 0.00	70.10 -3.07 0.00	51.33 -0.99 0.00	39.68 0.78 0.00	35.84 0.81 0.00	32.97 0.65 -0.06	34.69 0.51 -0.01	30.79 0.86 -0.24	35.19 0.21 0.00	38.02 -0.08 0.00	45.83 -1.47 0.00	62.36 -3.08 0.05	73.01 -2.60 0.77	68.90 -1.99 0.27	53.40 -1.54 0.00	45.23 -0.60 0.00	38.54 -0.35 0.00	35.65 -0.32 0.00
COLONIE_LFGE___ 323577	34.29 1.41 0.00	31.55 1.30 0.00	31.48 1.18 0.00	30.33 1.17 0.00	31.55 1.21 0.00	36.82 1.35 0.00	54.32 2.29 0.00	76.49 3.44 0.12	54.64 2.36 0.05	40.46 1.56 0.01	36.44 1.40 0.00	33.12 1.19 0.34	34.63 1.16 0.69	30.37 1.16 0.47	35.26 1.22 0.94	38.60 1.30 0.79	48.91 1.65 0.03	68.21 2.81 0.09	81.67 3.52 -1.78	74.12 3.06 0.11	57.21 2.31 0.04	47.66 1.83 0.00	40.33 1.44 0.00	37.06 1.29 0.21
COOPERNY_115KV_TB1 80082	34.29 1.41 0.00	31.49 1.24 0.00	31.54 1.24 0.00	30.35 1.20 0.00	31.58 1.24 0.00	36.93 1.45 0.00	54.38 2.34 0.00	77.61 3.66 -0.79	55.53 2.88 -0.33	40.89 1.95 -0.04	36.83 1.79 -0.01	34.92 1.65 -1.00	36.71 1.67 -0.88	34.40 1.66 -3.05	37.70 1.71 -1.01	40.82 1.83 -0.90	49.71 2.18 -0.24	69.32 3.27 -0.56	80.49 3.82 -0.29	74.89 3.42 -0.30	57.77 2.58 -0.24	47.66 1.83 0.00	40.37 1.48 0.00	37.49 1.40 -0.11
COPENHAGEN_WT_PWR 323753	33.34 0.46 0.00	30.67 0.42 0.00	30.78 0.48 0.00	29.51 0.35 0.00	30.82 0.48 0.00	36.15 0.67 0.00	53.65 1.61 0.00	77.08 2.56 -1.35	53.79 1.46 0.00	39.56 0.66 0.00	35.42 0.39 0.00	32.43 0.16 0.00	34.30 0.14 0.00	29.80 0.12 0.00	35.19 0.21 0.00	38.55 0.46 0.00	47.77 0.47 0.00	66.33 0.85 0.00	78.64 1.68 -0.58	73.19 1.85 -0.17	56.42 1.48 0.00	47.10 1.28 0.00	39.82 0.93 0.00	36.84 0.86 0.00
CORNELL_____ 23752	33.41 0.53 0.00	30.73 0.48 0.00	30.82 0.52 0.00	29.60 0.44 0.00	30.79 0.45 0.00	36.15 0.67 0.00	53.23 1.20 0.00	74.57 1.32 -0.08	53.30 0.94 -0.04	39.57 0.66 0.00	35.49 0.46 0.00	32.67 0.32 -0.08	34.56 0.38 -0.02	30.46 0.45 -0.33	35.37 0.38 0.00	38.64 0.53 -0.01	47.70 0.38 -0.03	66.09 0.59 -0.02	76.94 1.22 0.66	72.17 1.21 0.21	55.90 0.93 -0.03	46.56 0.73 0.00	39.40 0.51 0.00	36.37 0.40 0.00

CORONA__69_KV_TB1 355595	34.65 1.78 0.00	31.70 1.45 0.00	31.69 1.39 0.00	30.53 1.37 0.00	31.76 1.43 0.00	37.18 1.70 0.00	53.45 2.50 1.08	75.41 4.54 2.29	55.45 4.08 0.96	41.79 3.00 0.11	38.14 3.12 0.02	37.53 3.19 -2.06	38.79 3.04 -1.59	38.80 2.82 -6.29	39.65 2.94 -1.73	42.31 2.93 -1.28	50.05 3.45 0.69	68.83 5.04 1.69	80.55 5.96 1.79	74.86 4.91 1.22	57.69 3.46 0.71	47.47 2.29 0.64	40.58 1.75 0.06	37.94 1.76 -0.20
CORTLAND__115KV_TB3 80093	33.21 0.33 0.00	30.55 0.30 0.00	30.60 0.30 0.00	29.42 0.26 0.00	30.61 0.27 0.00	35.87 0.39 0.00	52.76 0.73 0.00	73.98 0.80 0.00	52.96 0.63 0.00	39.37 0.47 0.00	35.39 0.35 0.00	32.59 0.26 -0.07	34.45 0.27 -0.01	30.30 0.36 -0.26	35.22 0.24 0.00	38.44 0.34 0.00	47.44 0.14 0.00	65.70 0.26 0.05	76.26 0.61 0.73	71.48 0.57 0.26	55.43 0.49 0.00	46.24 0.41 0.00	39.12 0.23 0.00	36.16 0.18 0.00
COXSACKIE__GT 23611	34.59 1.71 0.00	31.82 1.57 0.00	31.75 1.45 0.00	30.62 1.46 0.00	32.33 2.00 0.00	37.82 2.34 0.00	56.46 4.42 0.00	78.51 5.34 0.00	55.36 3.03 0.00	40.50 1.60 0.00	35.94 0.91 0.00	33.07 0.81 0.00	35.22 1.06 0.00	30.31 0.62 0.00	36.41 1.43 0.00	39.88 1.79 0.00	48.99 1.70 0.00	68.62 3.14 0.01	78.13 4.12 2.38	75.24 4.13 0.06	57.85 2.91 0.00	48.25 2.43 0.00	40.80 1.91 0.00	38.00 2.09 0.06
CPV_VALLEY__CC1 323721	34.69 1.81 0.00	31.82 1.57 0.00	31.81 1.51 0.00	30.62 1.46 0.00	31.88 1.55 0.00	37.25 1.77 0.00	54.95 2.91 0.00	79.21 4.69 -1.35	56.45 3.56 -0.57	41.49 2.53 -0.06	37.39 2.35 -0.01	36.08 2.16 -1.65	37.73 2.22 -1.35	36.97 2.14 -5.15	38.77 2.27 -1.52	41.85 2.40 -1.35	50.58 2.89 -0.40	70.70 4.25 -0.96	82.14 5.04 -0.72	76.25 4.49 -0.59	58.65 3.30 -0.41	48.16 2.34 0.00	40.80 1.91 0.00	37.95 1.80 -0.17
CPV_VALLEY__CC2 323722	34.69 1.81 0.00	31.82 1.57 0.00	31.81 1.51 0.00	30.62 1.46 0.00	31.88 1.55 0.00	37.25 1.77 0.00	54.95 2.91 0.00	79.21 4.69 -1.35	56.45 3.56 -0.57	41.49 2.53 -0.06	37.39 2.35 -0.01	36.08 2.16 -1.65	37.73 2.22 -1.35	36.97 2.14 -5.15	38.77 2.27 -1.52	41.85 2.40 -1.35	50.58 2.89 -0.40	70.70 4.25 -0.96	82.14 5.04 -0.72	76.25 4.49 -0.59	58.65 3.30 -0.41	48.16 2.34 0.00	40.80 1.91 0.00	37.95 1.80 -0.17
CRESCENT__HYD 24018	34.29 1.41 0.00	31.55 1.30 0.00	31.48 1.18 0.00	30.33 1.17 0.00	31.55 1.21 0.00	36.82 1.35 0.00	54.32 2.29 0.00	76.49 3.44 0.12	54.64 2.36 0.05	40.46 1.56 0.01	36.44 1.40 0.00	33.12 1.19 0.34	34.63 1.16 0.69	30.37 1.22 0.47	35.26 1.22 0.94	38.60 1.30 0.79	48.91 1.65 0.03	68.21 2.81 0.09	81.67 3.52 -1.78	74.12 3.06 0.11	57.21 2.31 0.04	47.66 1.83 0.00	40.33 1.44 0.00	37.06 1.29 0.21
CRICKET__VALLEY_CC1 323756	34.20 1.32 0.00	31.37 1.12 0.00	31.33 1.03 0.00	30.15 0.99 0.00	31.39 1.06 0.00	36.65 1.17 0.00	50.69 1.93 3.28	65.57 3.22 10.81	50.27 2.46 4.52	40.09 1.67 0.49	36.58 1.61 0.06	31.25 1.49 2.50	28.48 1.47 7.15	29.67 1.48 1.50	26.40 1.50 10.08	30.52 1.56 9.14	45.84 1.80 3.25	60.46 2.88 7.90	72.37 3.44 7.45	68.63 2.92 5.46	53.81 2.20 3.33	45.44 1.56 1.94	40.13 1.24 0.00	34.57 1.08 2.49
CRICKET__VALLEY_CC2 323757	34.20 1.32 0.00	31.37 1.12 0.00	31.33 1.03 0.00	30.15 0.99 0.00	31.39 1.06 0.00	36.65 1.17 0.00	50.69 1.93 3.28	65.57 3.22 10.81	50.27 2.46 4.52	40.09 1.67 0.49	36.58 1.61 0.06	31.25 1.49 2.50	28.48 1.47 7.15	29.67 1.48 1.50	26.40 1.50 10.08	30.52 1.56 9.14	45.84 1.80 3.25	60.46 2.88 7.90	72.37 3.44 7.45	68.63 2.92 5.46	53.81 2.20 3.33	45.44 1.56 1.94	40.13 1.24 0.00	34.57 1.08 2.49
CRICKET__VALLEY_CC3 323758	34.20 1.32 0.00	31.37 1.12 0.00	31.33 1.03 0.00	30.15 0.99 0.00	31.39 1.06 0.00	36.65 1.17 0.00	50.69 1.93 3.28	65.57 3.22 10.81	50.27 2.46 4.52	40.09 1.67 0.49	36.58 1.61 0.06	31.25 1.49 2.50	28.48 1.47 7.15	29.67 1.48 1.50	26.40 1.50 10.08	30.52 1.56 9.14	45.84 1.80 3.25	60.46 2.88 7.90	72.37 3.44 7.45	68.63 2.92 5.46	53.81 2.20 3.33	45.44 1.56 1.94	40.13 1.24 0.00	34.57 1.08 2.49
CRUCIBLE__METL_DRP 24180	32.71 -0.16 0.00	30.10 -0.15 0.00	30.15 -0.15 0.00	28.98 -0.17 0.00	30.15 -0.18 0.00	35.33 -0.14 0.00	51.93 -0.10 0.00	73.97 -0.44 -1.24	52.17 -0.16 0.00	38.83 -0.08 0.00	34.93 -0.11 0.00	32.18 -0.13 -0.04	34.10 -0.07 -0.01	29.81 -0.03 -0.15	34.84 -0.14 0.00	37.98 -0.11 0.00	46.87 -0.43 0.00	64.74 -0.72 0.03	75.86 -0.61 -0.10	70.68 -0.50 -0.01	54.61 -0.33 0.00	45.55 -0.27 0.00	38.58 -0.31 0.00	35.62 -0.36 0.00
DAHOWA__HYDRO 323763	34.46 1.58 0.00	31.70 1.45 0.00	31.72 1.42 0.00	30.56 1.40 0.00	31.79 1.46 0.00	37.07 1.60 0.00	54.84 2.81 0.00	77.23 4.17 0.11	54.90 2.62 0.05	40.41 1.52 0.01	36.23 1.19 0.00	32.94 0.97 0.29	34.44 0.85 0.57	30.20 0.95 0.44	35.22 1.02 0.78	38.58 1.14 0.65	48.96 1.70 0.03	68.48 3.08 0.09	81.76 4.12 -1.25	74.62 3.56 0.11	57.65 2.75 0.03	47.98 2.15 0.00	40.64 1.75 0.00	37.38 1.58 0.17
DANC__LFGE 323619	32.94 0.07 0.00	30.31 0.06 0.00	30.39 0.09 0.00	29.19 0.03 0.00	30.42 0.09 0.00	35.69 0.21 0.00	52.71 0.67 0.00	75.90 1.02 -1.70	52.96 0.63 0.00	39.10 0.20 0.00	35.07 0.04 0.00	32.17 -0.10 0.00	34.03 -0.14 0.00	29.60 -0.09 0.00	34.87 -0.10 0.00	38.17 0.08 0.00	47.11 -0.19 0.00	65.29 -0.20 0.00	77.42 0.31 -0.73	71.89 0.50 -0.22	55.33 0.39 0.00	46.28 0.46 0.00	39.16 0.27 0.00	36.23 0.25 0.00
DANSKAMMER__1 23586	35.05 2.17 0.00	32.12 1.88 0.00	32.12 1.82 0.00	30.94 1.78 0.00	32.21 1.88 0.00	37.61 2.13 0.00	55.78 3.75 0.00	79.08 5.71 -0.20	56.65 4.24 -0.08	41.72 2.80 -0.01	37.45 2.42 0.00	35.29 2.20 -0.83	37.82 2.36 -1.30	33.71 2.32 -1.70	39.20 2.52 -1.70	42.30 2.78 -1.43	50.87 3.50 -0.08	70.77 5.11 -0.17	82.48 6.11 0.01	76.93 5.70 -0.06	59.19 4.17 -0.08	48.85 3.02 0.00	41.03 2.14 0.00	38.12 1.98 -0.17
DANSKAMMER__2 23589	35.05 2.17 0.00	32.12 1.88 0.00	32.12 1.82 0.00	30.94 1.78 0.00	32.21 1.88 0.00	37.61 2.13 0.00	55.78 3.75 0.00	79.08 5.71 -0.20	56.65 4.24 -0.08	41.72 2.80 -0.01	37.45 2.42 0.00	35.29 2.20 -0.83	37.82 2.36 -1.30	33.71 2.32 -1.70	39.20 2.52 -1.70	42.30 2.78 -1.43	50.87 3.50 -0.08	70.77 5.11 -0.17	82.48 6.11 0.01	76.93 5.70 -0.06	59.19 4.17 -0.08	48.85 3.02 0.00	41.03 2.14 0.00	38.12 1.98 -0.17
DANSKAMMER__3 23590	35.05 2.17 0.00	32.12 1.88 0.00	32.12 1.82 0.00	30.94 1.78 0.00	32.21 1.88 0.00	37.61 2.13 0.00	55.78 3.75 0.00	79.08 5.71 -0.20	56.65 4.24 -0.08	41.72 2.80 -0.01	37.45 2.42 0.00	35.29 2.20 -0.83	37.82 2.36 -1.30	33.71 2.32 -1.70	39.20 2.52 -1.70	42.30 2.78 -1.43	50.87 3.50 -0.08	70.77 5.11 -0.17	82.48 6.11 0.01	76.93 5.70 -0.06	59.19 4.17 -0.08	48.85 3.02 0.00	41.03 2.14 0.00	38.12 1.98 -0.17

DANSKAMMER___4 23591	35.05 2.17 0.00	32.12 1.88 0.00	32.12 1.82 0.00	30.94 1.78 0.00	32.21 1.88 0.00	37.61 2.13 0.00	55.78 3.75 0.00	79.08 5.71 -0.20	56.65 4.24 -0.08	41.72 2.80 -0.01	37.45 2.42 0.00	35.29 2.20 -0.83	37.82 2.36 -1.30	33.71 2.32 -1.70	39.20 2.52 -1.70	42.30 2.78 -1.43	50.87 3.50 -0.08	70.77 5.11 -0.17	82.48 6.11 0.01	76.93 5.70 -0.06	59.19 4.17 -0.08	48.85 3.02 0.00	41.03 2.14 0.00	38.12 1.98 -0.17
DANSKAMMER___DIESEL 23592	35.05 2.17 0.00	32.12 1.88 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.21 1.88 0.00	37.64 2.16 0.00	55.78 3.75 0.00	79.08 5.71 -0.20	56.75 4.34 -0.08	41.71 2.80 -0.01	37.45 2.42 0.00	35.29 2.19 -0.83	37.82 2.36 -1.30	33.70 2.32 -1.70	39.20 2.52 -1.70	42.30 2.78 -1.43	50.85 3.50 -0.06	70.79 5.17 -0.13	82.44 6.11 0.05	76.90 5.69 -0.03	59.18 4.18 -0.06	48.85 3.02 0.00	41.03 2.14 0.00	38.09 1.98 -0.14
DARBY___SOLAR 323810	34.36 1.48 0.00	31.64 1.39 0.00	31.63 1.33 0.00	30.50 1.34 0.00	31.70 1.37 0.00	37.00 1.52 0.00	54.69 2.65 0.00	76.94 3.88 0.11	54.74 2.46 0.05	40.34 1.44 0.01	36.19 1.15 0.00	32.90 0.94 0.30	34.39 0.82 0.59	30.13 0.89 0.44	35.12 0.94 0.80	38.52 1.11 0.68	48.87 1.61 0.03	68.35 2.95 0.09	81.59 3.89 -1.32	74.48 3.42 0.11	57.49 2.58 0.03	47.89 2.06 0.00	40.56 1.67 0.00	37.27 1.48 0.18
DASHVILLE___HYD 23610	34.62 1.74 0.00	31.76 1.51 0.00	31.75 1.45 0.00	30.59 1.43 0.00	31.88 1.55 0.00	37.22 1.74 0.00	55.05 3.02 0.00	77.47 4.17 -0.13	55.57 3.19 -0.05	41.09 2.18 -0.01	36.93 1.89 0.00	34.53 1.74 -0.52	37.17 2.15 -0.85	32.38 1.66 -1.03	38.41 2.31 -1.12	41.55 2.51 -0.94	49.79 2.46 -0.04	69.36 3.80 -0.08	80.72 4.43 0.09	75.30 4.13 0.00	57.95 2.97 -0.04	48.21 2.38 0.00	40.64 1.75 0.00	37.93 1.87 -0.09
DELAWARE___LFGE 323621	33.87 0.99 0.00	31.12 0.88 0.00	31.21 0.91 0.00	30.00 0.85 0.00	31.24 0.91 0.00	36.51 1.03 0.00	53.75 1.72 0.00	75.89 2.56 -0.16	54.28 1.88 -0.07	40.12 1.21 -0.01	36.12 1.09 0.00	33.40 0.94 -0.20	35.27 0.92 -0.19	31.24 0.95 -0.60	36.18 0.98 -0.22	39.39 1.10 -0.19	48.57 1.23 -0.05	67.54 1.96 -0.09	78.44 2.37 0.30	73.24 2.14 0.07	56.69 1.70 -0.05	47.11 1.28 0.00	39.90 1.01 0.00	36.91 0.94 0.00
DERFIELD_115KV_TB7 355931	33.04 0.16 0.00	30.40 0.15 0.00	30.45 0.15 0.00	29.30 0.15 0.00	30.48 0.15 0.00	35.65 0.18 0.00	52.30 0.26 0.00	73.83 0.66 0.00	52.80 0.47 0.00	39.18 0.27 0.00	35.28 0.25 0.00	32.46 0.19 0.00	34.33 0.17 0.00	29.86 0.18 0.00	35.15 0.17 0.00	38.28 0.19 0.00	47.53 0.24 0.00	65.87 0.39 0.01	76.79 0.53 0.12	71.63 0.50 0.04	55.27 0.33 0.00	46.10 0.27 0.00	39.08 0.19 0.00	36.16 0.18 0.00
DOGLEVILLE___HYD 23807	33.60 0.72 0.00	30.94 0.70 0.00	31.06 0.76 0.00	29.92 0.76 0.00	31.21 0.88 0.00	36.61 1.14 0.00	53.91 1.87 0.00	76.10 2.93 0.00	55.99 3.66 0.00	41.51 2.61 0.00	37.49 2.45 0.00	34.49 2.23 0.00	36.45 2.29 0.00	31.73 2.05 0.00	37.32 2.34 0.00	40.72 2.63 0.00	49.04 1.75 0.00	67.83 2.36 0.01	79.24 2.98 0.12	73.83 2.70 0.04	57.03 2.09 0.00	47.61 1.79 0.00	40.33 1.44 0.00	37.38 1.40 0.00
DUNKIRK___115KV_TB_200 55889	33.27 0.39 0.00	30.88 0.64 0.00	30.82 0.52 0.00	29.39 0.23 0.00	30.42 0.09 0.00	35.33 -0.14 0.00	50.68 -1.35 0.00	68.71 -4.46 0.00	50.55 -1.78 0.00	39.29 0.39 0.00	35.53 0.49 0.00	32.78 0.45 -0.06	34.48 0.31 -0.01	30.51 0.59 -0.23	34.98 0.00 0.00	37.79 -0.30 0.00	45.31 -1.99 0.00	61.31 -4.13 0.05	71.71 -3.90 0.78	67.69 -3.20 0.28	52.52 -2.42 0.00	44.68 -1.15 0.00	38.07 -0.82 0.00	35.29 -0.68 0.00
DUNKIRK___1 23563	33.27 0.39 0.00	30.88 0.64 0.00	30.82 0.52 0.00	29.39 0.23 0.00	30.42 0.09 0.00	35.33 -0.14 0.00	50.68 -1.35 0.00	68.71 -4.46 0.00	50.55 -1.78 0.00	39.29 0.39 0.00	35.53 0.49 0.00	32.78 0.45 -0.06	34.48 0.31 -0.01	30.51 0.59 -0.23	34.98 0.00 0.00	37.79 -0.30 0.00	45.31 -1.99 0.00	61.31 -4.13 0.05	71.71 -3.90 0.78	67.69 -3.20 0.28	52.52 -2.42 0.00	44.68 -1.15 0.00	38.07 -0.82 0.00	35.29 -0.68 0.00
DUNKIRK___2 23564	33.27 0.39 0.00	30.88 0.64 0.00	30.82 0.52 0.00	29.39 0.23 0.00	30.42 0.09 0.00	35.33 -0.14 0.00	50.68 -1.35 0.00	68.71 -4.46 0.00	50.55 -1.78 0.00	39.29 0.39 0.00	35.53 0.49 0.00	32.78 0.45 -0.06	34.48 0.31 -0.01	30.51 0.59 -0.23	34.98 0.00 0.00	37.79 -0.30 0.00	45.31 -1.99 0.00	61.31 -4.13 0.05	71.71 -3.90 0.78	67.69 -3.20 0.28	52.52 -2.42 0.00	44.68 -1.15 0.00	38.07 -0.82 0.00	35.29 -0.68 0.00
DUNKIRK___3 23565	33.11 0.23 0.00	30.73 0.48 0.00	30.69 0.39 0.00	29.30 0.15 0.00	30.33 0.00 0.00	35.26 -0.21 0.00	50.58 -1.46 0.00	68.56 -4.61 0.00	50.44 -1.88 0.00	39.25 0.35 0.00	35.46 0.42 0.00	32.71 0.39 -0.06	34.41 0.24 -0.01	30.45 0.53 -0.23	34.91 -0.07 0.00	37.71 -0.38 0.00	45.17 -2.13 0.00	61.05 -4.39 0.05	71.40 -4.20 0.78	67.34 -3.56 0.28	52.25 -2.69 0.00	44.45 -1.37 0.00	37.92 -0.97 0.00	35.15 -0.83 0.00
DUNKIRK___4 23566	33.11 0.23 0.00	30.73 0.48 0.00	30.69 0.39 0.00	29.30 0.15 0.00	30.33 0.00 0.00	35.26 -0.21 0.00	50.58 -1.46 0.00	68.56 -4.61 0.00	50.44 -1.88 0.00	39.25 0.35 0.00	35.46 0.42 0.00	32.71 0.39 -0.06	34.41 0.24 -0.01	30.45 0.53 -0.23	34.91 -0.07 0.00	37.71 -0.38 0.00	45.17 -2.13 0.00	61.05 -4.39 0.05	71.40 -4.20 0.78	67.34 -3.56 0.28	52.25 -2.69 0.00	44.45 -1.37 0.00	37.92 -0.97 0.00	35.15 -0.83 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.95 2.07 0.00	32.00 1.75 0.00	32.00 1.70 0.00	30.79 1.63 0.00	32.06 1.73 0.00	37.53 2.06 0.00	55.16 3.12 0.00	77.98 5.20 0.39	56.30 4.13 0.16	41.76 2.88 0.02	37.76 2.73 0.00	36.88 2.55 -2.07	38.44 2.63 -1.65	38.54 2.49 -6.36	39.43 2.62 -1.83	42.37 2.78 -1.49	50.44 3.26 0.12	70.04 4.85 0.29	81.65 5.73 0.46	75.89 4.98 0.26	58.56 3.74 0.12	48.44 2.61 0.00	41.07 2.18 0.00	38.23 2.05 -0.20
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.95 2.07 0.00	32.03 1.78 0.00	32.06 1.76 0.00	30.85 1.69 0.00	32.12 1.79 0.00	37.57 2.09 0.00	55.52 3.49 0.00	79.26 5.49 -0.60	56.77 4.19 -0.25	41.69 2.76 -0.03	37.49 2.45 0.00	35.58 2.23 -1.09	37.79 2.36 -1.27	34.86 2.32 -2.86	39.04 2.48 -1.58	42.15 2.70 -1.35	50.79 3.31 -0.18	70.82 4.91 -0.43	82.33 5.73 -0.22	76.67 5.27 -0.23	58.97 3.85 -0.19	48.57 2.75 0.00	40.99 2.10 0.00	38.10 1.98 -0.14
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.25 2.37 -0.01	32.31 2.06 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.82 2.34 0.00	55.58 3.54 -0.01	80.17 4.83 -2.17	57.16 3.92 -0.91	41.93 2.92 -0.11	38.00 2.94 -0.02	37.16 2.81 -2.08	38.70 2.80 -1.74	38.77 2.64 -6.44	39.65 2.69 -1.98	42.71 2.82 -1.80	51.12 3.17 -0.66	71.77 4.71 -1.57	83.13 5.42 -1.32	76.89 4.70 -1.02	59.08 3.46 -0.68	48.76 2.93 0.00	41.43 2.53 -0.01	38.52 2.34 -0.20

E179THST_13_KV_LOAD 356214	35.39 2.50 -0.01	32.40 2.15 -0.01	32.43 2.12 -0.01	31.18 2.01 -0.01	32.46 2.12 -0.01	37.96 2.48 0.00	55.79 3.75 -0.01	80.53 5.20 -2.17	57.43 4.19 -0.91	42.12 3.11 -0.11	38.14 3.08 -0.02	37.29 2.94 -2.08	38.84 2.94 -1.74	38.89 2.76 -6.44	39.82 2.87 -1.98	42.90 3.01 -1.80	51.36 3.41 -0.66	72.10 5.04 -1.57	83.51 5.80 -1.32	77.25 5.05 -1.02	59.35 3.74 -0.68	48.99 3.16 0.00	41.62 2.72 -0.01	38.66 2.48 -0.20
EAST HAMPTON___GT 23717	21.59 0.23 11.52	19.37 0.03 10.91	18.74 0.00 11.56	20.24 0.06 8.97	19.01 0.09 11.41	27.87 0.14 7.75	37.58 -0.16 14.30	30.68 1.17 43.66	28.92 1.41 24.82	19.48 1.24 20.67	12.63 1.58 23.98	13.02 1.68 20.92	13.08 1.43 22.52	13.88 1.37 17.17	14.20 1.29 22.07	17.65 1.14 21.59	35.50 1.32 13.12	42.73 1.90 24.66	48.49 2.60 30.49	51.07 1.78 21.88	45.35 0.83 10.41	39.21 -0.05 6.57	37.79 -0.43 0.68	28.08 0.04 7.94
EAST RIVER___6 23660	35.15 2.27 0.00	32.18 1.94 0.00	32.18 1.88 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.68 2.20 0.00	55.53 3.49 -0.01	81.93 5.71 -3.05	58.10 4.50 -1.28	42.35 3.30 -0.14	38.21 3.15 -0.02	37.31 2.97 -2.08	38.93 3.01 -1.76	38.97 2.82 -6.46	40.03 3.04 -2.02	43.18 3.20 -1.89	51.95 3.74 -0.92	73.07 5.37 -2.21	84.76 6.34 -2.04	78.18 5.55 -1.46	60.00 4.12 -0.94	48.76 2.94 0.00	41.34 2.45 0.00	38.45 2.27 -0.21
EAST RIVER___7 23524	35.15 2.27 0.00	32.18 1.94 0.00	32.18 1.88 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.68 2.20 0.00	55.53 3.49 -0.01	81.93 5.71 -3.05	58.10 4.50 -1.28	42.35 3.30 -0.14	38.21 3.15 -0.02	37.31 2.97 -2.08	38.93 3.01 -1.76	38.97 2.82 -6.46	40.03 3.04 -2.02	43.18 3.20 -1.89	51.95 3.74 -0.92	73.07 5.37 -2.21	84.76 6.34 -2.04	78.18 5.55 -1.46	60.00 4.12 -0.94	48.76 2.94 0.00	41.34 2.45 0.00	38.45 2.27 -0.21
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.88 2.01 0.00	31.97 1.72 0.00	31.97 1.67 0.00	30.76 1.60 0.00	32.00 1.67 0.00	37.46 1.99 0.00	55.11 3.07 0.00	80.16 5.05 -1.94	57.17 4.03 -0.81	41.80 2.80 -0.09	37.68 2.63 -0.01	36.79 2.45 -2.07	38.35 2.53 -1.66	38.61 2.40 -6.52	39.38 2.55 -1.85	42.47 2.70 -1.68	51.05 3.17 -0.58	71.60 4.71 -1.40	83.04 5.50 -1.16	76.91 4.84 -0.90	59.11 3.57 -0.60	48.39 2.57 0.00	40.99 2.10 0.00	38.16 1.98 -0.20
EAST_HAMPTON___DIESEL 23722	21.53 0.17 11.52	19.31 -0.03 10.91	18.68 -0.06 11.56	20.18 0.00 8.97	18.95 0.03 11.41	27.80 0.07 7.75	37.43 -0.31 14.30	30.46 0.95 43.66	28.76 1.25 24.82	19.36 1.13 20.67	12.52 1.47 23.98	12.96 1.61 20.92	13.01 1.37 22.52	13.82 1.30 17.17	14.13 1.22 22.07	17.57 1.07 21.59	35.41 1.23 13.12	42.60 1.77 24.66	48.34 2.44 30.49	50.85 1.56 21.88	45.19 0.66 10.41	39.07 -0.18 6.57	37.67 -0.54 0.68	28.00 -0.04 7.94
EAST_POINT___SOLAR 323840	34.42 1.55 0.00	31.67 1.42 0.00	31.78 1.48 0.00	30.62 1.46 0.00	31.91 1.58 0.00	37.43 1.95 0.00	55.62 3.59 0.00	78.15 4.98 0.00	53.48 1.15 0.00	38.08 -0.82 0.00	33.78 -1.26 0.16	30.84 -1.26 0.32	32.44 -1.40 0.24	28.38 -1.07 0.24	33.24 -1.29 0.44	37.08 -0.65 0.37	47.77 0.47 0.00	68.22 2.75 0.01	81.78 4.74 -0.66	75.30 4.20 0.07	58.29 3.35 0.00	48.48 2.66 0.00	40.95 2.06 0.00	37.75 1.87 0.10
EAST_PULASKI___ESR 323781	32.58 -0.30 0.00	30.00 -0.24 0.00	30.06 -0.24 0.00	28.90 -0.26 0.00	30.06 -0.27 0.00	35.27 -0.21 0.00	51.88 -0.16 0.00	75.35 -0.36 -2.54	52.17 -0.16 0.00	38.71 -0.19 0.00	34.75 -0.28 0.00	31.94 -0.32 0.00	33.82 -0.34 0.00	29.42 -0.27 0.00	34.59 -0.38 0.00	37.79 -0.31 0.00	46.49 -0.80 0.00	64.25 -1.25 -0.01	76.58 -1.07 -1.27	70.71 -0.85 -0.39	54.28 -0.66 0.00	45.46 -0.37 0.00	38.58 -0.31 0.00	35.65 -0.32 0.00
EAST_RIVER___1 323558	35.15 2.27 0.00	32.18 1.94 0.00	32.18 1.88 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.72 2.24 0.00	55.53 3.49 -0.01	81.93 5.71 -3.05	58.00 4.40 -1.28	42.27 3.23 -0.14	38.14 3.08 -0.02	37.25 2.91 -2.08	38.86 2.94 -1.76	38.91 2.76 -6.46	39.93 2.94 -2.02	43.10 3.12 -1.89	51.86 3.64 -0.92	73.00 5.30 -2.21	84.69 6.26 -2.04	78.11 5.48 -1.46	59.95 4.07 -0.94	48.76 2.94 0.00	41.30 2.41 0.00	38.45 2.27 -0.21
EAST_RIVER___2 323559	35.15 2.27 0.00	32.18 1.94 0.00	32.18 1.88 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.68 2.20 0.00	55.53 3.49 -0.01	81.93 5.71 -3.05	58.10 4.50 -1.28	42.35 3.30 -0.14	38.21 3.15 -0.02	37.31 2.97 -2.08	38.93 3.01 -1.76	38.97 2.82 -6.46	40.03 3.04 -2.02	43.18 3.20 -1.89	51.95 3.74 -0.92	73.07 5.37 -2.21	84.76 6.34 -2.04	78.18 5.55 -1.46	60.00 4.12 -0.94	48.76 2.94 0.00	41.34 2.45 0.00	38.45 2.27 -0.21
EAST___DELAWARE_HYD 23607	35.02 2.14 0.00	32.09 1.85 0.00	32.12 1.82 0.00	30.91 1.75 0.00	32.21 1.88 0.00	37.64 2.16 0.00	55.83 3.80 0.00	79.37 5.71 -0.49	56.66 4.13 -0.20	41.65 2.72 -0.02	37.35 2.31 0.00	35.22 2.10 -0.86	37.39 2.22 -1.01	34.14 2.20 -2.26	38.64 2.41 -1.25	41.87 2.70 -1.07	50.95 3.50 -0.16	70.89 5.04 -0.37	82.64 6.11 -0.15	77.12 5.76 -0.18	59.33 4.23 -0.16	48.89 3.07 0.00	41.22 2.33 0.00	38.30 2.19 -0.13
EIGHT_POINT___WT_PWR 323820	32.88 0.00 0.00	30.40 0.15 0.00	30.48 0.18 0.00	29.22 0.06 0.00	30.33 0.00 0.00	35.73 0.25 0.00	52.35 0.31 0.00	72.52 -0.73 -0.08	51.26 -1.10 -0.04	37.82 -1.09 0.00	33.95 -1.09 0.00	31.22 -1.13 -0.08	33.02 -1.16 -0.02	29.06 -0.95 -0.33	33.44 -1.54 0.00	36.62 -1.49 -0.01	45.24 -2.08 -0.03	64.25 -1.25 -0.02	75.41 -0.30 0.66	70.67 -0.28 0.21	54.86 -0.11 -0.03	45.64 -0.18 0.00	38.54 -0.35 0.00	35.55 -0.43 0.00
ELBRIDGE_115KV_TB2 80188	32.58 -0.30 0.00	29.97 -0.27 0.00	30.03 -0.27 0.00	28.87 -0.29 0.00	30.03 -0.30 0.00	35.19 -0.28 0.00	51.67 -0.36 0.00	73.63 -0.80 -1.27	51.91 -0.42 0.00	38.67 -0.23 0.00	34.79 -0.25 0.00	32.05 -0.26 -0.04	33.93 -0.24 -0.01	29.70 -0.15 -0.16	34.66 -0.31 0.00	37.79 -0.30 0.00	46.59 -0.71 0.00	64.41 -1.05 0.03	75.50 -0.99 -0.11	70.33 -0.85 -0.01	54.34 -0.60 0.00	45.37 -0.46 0.00	38.38 -0.51 0.00	35.47 -0.50 0.00
ELEC_TRO_TEK 24086	34.46 1.58 0.00	31.52 1.27 0.00	31.51 1.21 0.00	30.35 1.20 0.00	31.58 1.24 0.00	36.97 1.49 0.00	51.91 2.24 2.36	70.96 4.32 6.53	53.47 3.87 2.73	41.41 2.80 0.30	37.97 2.98 0.04	37.33 3.00 -2.06	38.49 2.87 -1.46	38.52 2.67 -6.17	39.25 2.76 -1.51	41.67 2.78 -0.80	48.55 3.22 1.96	65.43 4.71 4.77	77.15 5.50 4.73	72.33 4.48 3.32	56.06 3.13 2.01	46.44 2.02 1.40	40.31 1.56 0.13	37.69 1.51 -0.20
ELLENBURG_WT_PWR 323604	31.76 -1.12 0.00	29.19 -1.06 0.00	29.33 -0.97 0.00	28.20 -0.96 0.00	29.36 -0.97 0.00	34.41 -1.06 0.00	50.48 -1.56 0.00	71.12 -2.05 0.00	50.86 -1.46 0.00	38.05 -0.86 0.00	34.33 -0.70 0.00	31.75 -0.52 0.00	33.92 -0.24 0.00	29.51 -0.18 0.00	35.05 0.07 0.00	38.17 0.08 0.00	47.34 0.05 0.00	65.22 -0.26 0.00	75.54 -0.84 0.00	70.53 -0.64 0.00	54.28 -0.66 0.00	45.46 -0.37 0.00	39.05 0.16 0.00	36.16 0.18 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.91 0.03 0.00	30.58 0.33 0.00	30.57 0.27 0.00	29.22 0.06 0.00	30.24 -0.09 0.00	35.12 -0.35 0.00	50.16 -1.87 0.00	67.83 -5.34 0.00	50.13 -2.20 0.00	39.18 0.27 0.00	35.39 0.35 0.00	32.71 0.39 -0.06	34.38 0.20 -0.01	30.38 0.47 -0.22	34.87 -0.10 0.00	37.64 -0.46 0.00	44.88 -2.41 0.00	60.26 -5.17 0.05	70.48 -5.12 0.78	66.41 -4.48 0.28	51.53 -3.41 0.00	44.13 -1.70 0.00	37.61 -1.28 0.00	34.90 -1.08 0.00
EMPIRE_CC_1 323656	34.20 1.32 0.00	31.46 1.21 0.00	31.39 1.09 0.00	30.24 1.08 0.00	31.46 1.12 0.00	36.72 1.24 0.00	54.06 2.03 0.00	76.10 3.07 0.15	54.46 2.20 0.06	40.37 1.48 0.01	36.40 1.37 0.00	33.01 1.19 0.45	34.38 1.16 0.94	30.26 1.19 0.61	34.92 1.22 1.28	38.27 1.26 1.08	48.76 1.51 0.04	67.92 2.55 0.11	81.26 3.06 -1.83	73.75 2.70 0.13	56.93 2.03 0.04	47.38 1.56 0.00	40.13 1.24 0.00	36.82 1.12 0.27
EMPIRE_CC_2 323658	34.20 1.32 0.00	31.46 1.21 0.00	31.39 1.09 0.00	30.24 1.08 0.00	31.46 1.12 0.00	36.72 1.24 0.00	54.06 2.03 0.00	76.10 3.07 0.15	54.46 2.20 0.06	40.37 1.48 0.01	36.40 1.37 0.00	33.01 1.19 0.45	34.38 1.16 0.94	30.26 1.19 0.61	34.92 1.22 1.28	38.27 1.26 1.08	48.76 1.51 0.04	67.92 2.55 0.11	81.26 3.06 -1.83	73.75 2.70 0.13	56.93 2.03 0.04	47.38 1.56 0.00	40.13 1.24 0.00	36.82 1.12 0.27
ENORWICH_115KV_TB1 80156	34.29 1.41 0.00	31.61 1.36 0.00	31.75 1.45 0.00	30.47 1.31 0.00	31.85 1.52 0.00	37.46 1.99 0.00	55.57 3.54 0.00	78.19 4.90 -0.11	55.41 3.03 -0.05	40.50 1.60 -0.01	36.09 1.05 0.00	33.19 0.77 -0.15	34.99 0.68 -0.15	30.87 0.74 -0.44	36.10 0.94 -0.17	39.65 1.41 -0.15	49.03 1.70 -0.03	68.47 2.95 -0.04	80.03 4.20 0.55	75.13 4.13 0.16	58.16 3.19 -0.04	48.16 2.34 0.00	40.64 1.75 0.00	37.67 1.69 0.00
ERIE_ST__34_KV_TB1-2 80199	32.88 0.00 0.00	30.52 0.27 0.00	30.51 0.21 0.00	29.22 0.06 0.00	30.24 -0.09 0.00	35.16 -0.32 0.00	50.53 -1.51 0.00	68.49 -4.68 0.00	50.55 -1.78 0.00	39.33 0.43 0.00	35.53 0.49 0.00	32.81 0.48 -0.06	34.48 0.31 -0.01	30.50 0.59 -0.23	34.98 0.00 0.00	37.75 -0.34 0.00	45.12 -2.18 0.00	60.85 -4.58 0.05	71.09 -4.74 0.78	66.98 -4.13 0.28	51.92 -3.91 0.00	44.31 -3.13 0.00	37.76 -1.51 0.00	35.01 -0.97 0.00
ERIE_WT_PWR 323693	33.01 0.13 0.00	30.67 0.42 0.00	30.69 0.39 0.00	29.28 0.12 0.00	30.36 0.03 0.00	35.44 -0.04 0.00	50.42 -1.61 0.00	68.27 -4.90 0.00	50.92 -1.41 0.00	39.37 0.47 0.00	35.59 0.56 0.00	32.84 0.51 -0.06	34.55 0.38 -0.01	30.56 0.65 -0.22	35.01 0.04 0.00	37.75 -0.34 0.00	45.07 -2.22 0.00	61.05 -4.39 0.05	70.86 -4.74 0.78	66.76 -4.13 0.28	51.81 -3.13 0.00	44.31 -1.51 0.00	37.80 -1.09 0.00	35.08 -0.90 0.00
ESPRGFLD_115KV_TB1 80157	33.80 0.92 0.00	31.06 0.82 0.00	31.21 0.91 0.00	30.03 0.87 0.00	31.30 0.97 0.00	36.68 1.21 0.00	54.27 2.24 0.00	76.46 3.29 0.00	53.90 1.57 0.00	39.37 0.47 0.00	35.18 0.14 0.00	32.25 0.03 0.05	33.94 -0.07 0.15	29.77 0.09 0.00	34.83 0.07 0.22	38.29 0.38 0.18	48.05 0.76 0.00	67.37 1.90 0.02	79.02 2.90 0.26	73.64 2.56 0.09	57.08 2.14 0.00	47.43 1.60 0.00	40.10 1.21 0.00	37.00 1.08 0.06
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.37 0.49 0.00	30.70 0.45 0.00	30.75 0.45 0.00	29.57 0.41 0.00	30.76 0.42 0.00	36.08 0.60 0.00	53.13 1.09 0.00	74.42 1.17 -0.08	53.20 0.84 -0.03	39.49 0.58 0.00	35.46 0.42 0.00	32.64 0.29 -0.08	34.52 0.34 -0.02	30.42 0.42 -0.32	35.33 0.35 0.00	38.56 0.46 -0.01	47.65 0.33 -0.03	66.02 0.52 -0.02	76.79 1.07 0.66	72.03 1.07 0.21	55.85 0.88 -0.03	46.51 0.69 0.00	39.36 0.47 0.00	36.34 0.36 0.00
ETNA____115KV_TB2 80207	33.37 0.49 0.00	30.70 0.45 0.00	30.75 0.45 0.00	29.57 0.41 0.00	30.76 0.42 0.00	36.08 0.60 0.00	53.13 1.09 0.00	74.42 1.17 -0.08	53.20 0.84 -0.03	39.49 0.58 0.00	35.46 0.42 0.00	32.64 0.29 -0.08	34.52 0.34 -0.02	30.42 0.42 -0.32	35.33 0.35 0.00	38.56 0.46 -0.01	47.65 0.33 -0.03	66.02 0.52 -0.02	76.79 1.07 0.66	72.03 1.07 0.21	55.85 0.88 -0.03	46.51 0.69 0.00	39.36 0.47 0.00	36.34 0.36 0.00
EUCLID____115KV_TB2 356179	32.42 -0.46 0.00	29.85 -0.39 0.00	29.91 -0.39 0.00	28.75 -0.41 0.00	29.91 -0.42 0.00	35.02 -0.46 0.00	51.36 -0.68 0.00	72.52 -1.24 -0.60	51.65 -0.68 0.00	38.51 -0.39 0.00	34.68 -0.35 0.00	31.94 -0.35 -0.03	33.79 -0.38 -0.01	29.54 -0.27 -0.12	34.56 -0.42 0.00	37.64 -0.46 0.00	46.44 -0.85 0.00	64.07 -1.38 0.04	74.59 -1.37 0.41	69.73 -1.28 0.16	54.01 -0.93 0.00	45.09 -0.73 0.00	38.19 -0.70 0.00	35.29 -0.68 0.00
E_CANADA_CAP_HY 24051	33.93 1.05 0.00	31.19 0.94 0.00	31.33 1.03 0.00	30.18 1.02 0.00	31.42 1.09 0.00	36.86 1.38 0.00	54.69 2.65 0.00	76.97 3.80 0.00	53.58 1.25 0.00	38.75 -0.15 0.00	34.44 -0.60 0.00	31.46 -0.68 0.13	33.03 -0.85 0.28	28.93 -0.59 0.16	33.93 -0.67 0.38	37.51 -0.26 0.32	47.58 0.29 0.00	67.37 1.90 0.01	80.24 3.28 -0.57	73.95 2.85 0.07	57.41 2.47 0.00	47.70 1.88 0.00	40.33 1.44 0.00	37.18 1.29 0.09
E_CANADA_MHWK_HY 24050	33.60 0.72 0.00	30.94 0.70 0.00	31.06 0.76 0.00	29.92 0.76 0.00	31.21 0.88 0.00	36.61 1.13 0.00	53.91 1.87 0.00	76.10 2.93 0.00	56.04 3.72 0.00	41.51 2.61 0.00	37.49 2.45 0.00	34.49 2.22 0.00	36.45 2.29 0.00	31.73 2.05 0.00	37.32 2.34 0.00	40.72 2.63 0.00	49.05 1.75 0.00	67.83 2.35 0.01	79.23 2.98 0.12	73.83 2.70 0.04	57.03 2.09 0.00	47.61 1.79 0.00	40.33 1.44 0.00	37.38 1.40 0.00
E_FISHKILL__LBMP 23776	34.49 1.61 0.00	31.64 1.39 0.00	31.63 1.33 0.00	30.44 1.28 0.00	31.70 1.36 0.00	37.04 1.56 0.00	54.48 2.45 0.00	76.62 4.02 0.58	55.28 3.19 0.24	41.06 2.18 0.03	37.10 2.07 0.00	34.58 1.94 -0.38	37.92 1.95 -1.81	30.67 1.90 0.92	39.54 1.96 -2.61	42.28 2.06 -2.13	49.53 2.41 0.17	68.72 3.67 0.43	80.08 4.28 0.58	74.59 3.77 0.35	57.56 2.80 0.18	47.84 2.02 0.00	40.56 1.67 0.00	37.74 1.55 -0.22
FALCON__SEABRD_CC1 323796	31.10 -1.78 0.00	28.58 -1.66 0.00	28.72 -1.58 0.00	27.61 -1.55 0.00	28.72 -1.61 0.00	33.74 -1.74 0.00	49.28 -2.76 0.00	69.66 -3.51 0.00	49.97 -2.35 0.00	37.81 -1.09 0.00	34.19 -0.84 0.00	31.69 -0.58 0.00	34.06 -0.10 0.00	29.72 0.03 0.00	35.40 0.42 0.00	38.59 0.49 0.00	46.97 -0.33 0.00	64.24 -1.25 0.00	74.01 -2.37 0.00	69.18 -1.99 0.00	53.13 -1.81 0.00	44.86 -0.96 0.00	39.28 0.39 0.00	36.37 0.40 0.00
FALCON__SEABRD_CC2 323797	31.10 -1.78 0.00	28.58 -1.66 0.00	28.72 -1.58 0.00	27.61 -1.55 0.00	28.72 -1.61 0.00	33.74 -1.74 0.00	49.28 -2.76 0.00	69.66 -3.51 0.00	49.97 -2.35 0.00	37.81 -1.09 0.00	34.19 -0.84 0.00	31.69 -0.58 0.00	34.06 -0.10 0.00	29.72 0.03 0.00	35.40 0.42 0.00	38.59 0.49 0.00	46.97 -0.33 0.00	64.24 -1.25 0.00	74.01 -2.37 0.00	69.18 -1.99 0.00	53.13 -1.81 0.00	44.86 -0.96 0.00	39.28 0.39 0.00	36.37 0.40 0.00

FAR ROCKAWAY___4 23548	34.82 1.94 0.00	31.85 1.60 0.00	31.88 1.58 0.00	30.68 1.52 0.00	31.91 1.58 0.00	37.36 1.88 0.00	53.72 2.81 1.13	75.85 4.98 2.29	55.81 4.45 0.96	42.06 3.27 0.11	38.42 3.40 0.02	37.75 3.42 -2.06	39.03 3.28 -1.59	39.00 3.03 -6.29	39.89 3.18 -1.73	42.57 3.20 -1.28	50.43 3.83 0.69	69.29 5.50 1.69	81.16 6.57 1.79	75.43 5.48 1.22	58.13 3.90 0.71	47.76 2.61 0.67	40.81 1.98 0.06	38.16 1.98 -0.20
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.15 2.27 0.00	32.18 1.94 0.00	32.18 1.88 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.75 2.27 0.00	55.48 3.43 -0.01	81.91 5.63 -3.11	58.13 4.50 -1.30	42.24 3.19 -0.14	38.11 3.05 -0.02	37.22 2.87 -2.08	38.83 2.90 -1.76	38.88 2.73 -6.47	39.93 2.94 -2.02	43.07 3.09 -1.89	51.87 3.64 -0.94	73.11 5.37 -2.26	84.62 6.26 -1.98	78.14 5.48 -1.49	59.97 4.07 -0.96	48.76 2.93 0.00	41.30 2.41 0.00	38.45 2.27 -0.20
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.15 2.27 0.00	32.18 1.94 0.00	32.21 1.91 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.75 2.27 0.00	55.53 3.49 -0.01	81.90 5.63 -3.10	58.12 4.50 -1.30	42.24 3.19 -0.14	38.11 3.05 -0.02	37.22 2.87 -2.08	38.83 2.90 -1.76	38.88 2.73 -6.47	39.93 2.94 -2.02	43.07 3.09 -1.89	51.87 3.64 -0.93	73.10 5.37 -2.25	84.61 6.26 -1.97	78.13 5.48 -1.48	59.96 4.07 -0.96	48.76 2.93 0.00	41.30 2.41 0.00	38.45 2.27 -0.20
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.15 2.27 0.00	32.18 1.94 0.00	32.18 1.88 0.00	30.97 1.81 0.00	32.21 1.88 0.00	37.71 2.24 0.00	55.48 3.43 -0.01	81.90 5.63 -3.10	58.12 4.50 -1.30	42.24 3.19 -0.14	38.11 3.05 -0.02	37.22 2.87 -2.08	38.83 2.90 -1.76	38.88 2.73 -6.47	39.90 2.90 -2.02	43.07 3.09 -1.89	51.82 3.59 -0.93	73.04 5.30 -2.25	84.54 6.19 -1.97	78.06 5.41 -1.48	59.91 4.01 -0.96	48.71 2.89 0.00	41.30 2.41 0.00	38.45 2.27 -0.20
FARRAGUT___LBMP 323566	35.11 2.24 0.00	32.15 1.91 0.00	32.18 1.88 0.00	30.94 1.78 0.00	32.21 1.88 0.00	37.71 2.24 0.00	55.42 3.38 -0.01	81.83 5.56 -3.10	58.07 4.45 -1.30	42.20 3.15 -0.14	38.07 3.01 -0.02	37.19 2.84 -2.08	38.79 2.87 -1.76	38.85 2.70 -6.47	39.86 2.87 -2.02	43.03 3.05 -1.89	51.78 3.55 -0.93	72.97 5.24 -2.25	84.46 6.11 -1.97	78.06 5.41 -1.48	59.91 4.01 -0.96	48.71 2.89 0.00	41.26 2.37 0.00	38.41 2.23 -0.20
FENNER___WINDPWR 24204	33.37 0.49 0.00	30.70 0.45 0.00	30.78 0.48 0.00	29.57 0.41 0.00	30.82 0.48 0.00	36.12 0.64 0.00	53.18 1.14 0.00	74.85 1.68 0.00	53.48 1.15 0.00	39.60 0.70 0.00	35.56 0.53 0.00	32.70 0.39 -0.05	34.58 0.41 -0.01	30.28 0.42 -0.18	35.43 0.45 0.00	38.66 0.57 0.00	47.91 0.61 0.00	66.36 0.92 0.04	77.19 1.38 0.57	72.32 1.35 0.20	55.98 1.04 0.00	46.65 0.83 0.00	39.47 0.58 0.00	36.52 0.54 0.00
FIBERTEK___ENERGY 23856	32.71 -0.16 0.00	30.10 -0.15 0.00	30.15 -0.15 0.00	28.98 -0.17 0.00	30.15 -0.18 0.00	35.33 -0.14 0.00	51.93 -0.10 0.00	73.97 -0.44 -1.24	52.17 -0.16 0.00	38.83 -0.08 0.00	34.93 -0.11 0.00	32.18 -0.13 -0.04	34.10 -0.07 -0.01	29.81 -0.03 -0.15	34.84 -0.14 0.00	37.98 -0.11 0.00	46.87 -0.43 0.00	64.74 -0.72 0.03	75.86 -0.61 -0.10	70.68 -0.50 -0.01	54.61 -0.33 0.00	45.55 -0.27 0.00	38.58 -0.31 0.00	35.62 -0.36 0.00
FITZPATRICK___ 23598	31.92 -0.95 0.00	29.40 -0.85 0.00	29.45 -0.85 0.00	28.34 -0.82 0.00	29.45 -0.88 0.00	34.48 -0.99 0.00	50.52 -1.51 0.00	59.60 -2.27 11.30	50.92 -1.41 0.00	37.93 -0.97 0.00	34.12 -0.91 0.00	31.43 -0.84 0.00	33.27 -0.89 0.00	28.97 -0.71 0.00	34.04 -0.94 0.00	37.07 -1.03 0.00	45.78 -1.52 0.00	63.26 -2.23 0.00	69.01 -2.52 4.85	67.43 -2.28 1.46	53.24 -1.70 0.00	44.45 -1.37 0.00	37.68 -1.21 0.00	34.82 -1.15 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.08 2.20 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.68 2.20 0.00	55.78 3.75 0.00	79.04 5.78 -0.09	56.76 4.40 -0.04	41.71 2.80 0.00	37.45 2.42 0.00	35.23 2.19 -0.77	37.87 2.36 -1.35	33.40 2.32 -1.40	39.29 2.52 -1.79	42.37 2.78 -1.50	50.87 3.55 -0.03	70.78 5.24 -0.05	82.52 6.26 0.13	76.91 5.76 0.02	59.20 4.23 -0.03	48.89 3.07 0.00	41.03 2.14 0.00	38.13 2.01 -0.14
FORT ORANGE___ 23900	33.83 0.95 0.00	31.12 0.88 0.00	31.03 0.73 0.00	29.92 0.76 0.00	30.97 0.64 0.00	36.26 0.78 0.00	53.23 1.20 0.00	74.74 1.68 0.12	53.48 1.20 0.05	39.64 0.74 0.01	35.70 0.66 0.00	32.55 0.55 0.27	34.19 0.51 0.49	29.82 0.59 0.46	34.88 0.56 0.66	38.00 0.46 0.55	47.97 0.71 0.03	66.84 1.44 0.09	74.25 1.91 4.04	72.70 1.64 0.11	56.11 1.21 0.03	46.74 0.92 0.00	39.59 0.70 0.00	36.68 0.83 0.13
FORT_DRUM_COGEN 23780	33.44 0.56 0.00	30.73 0.48 0.00	30.85 0.55 0.00	29.57 0.41 0.00	30.91 0.58 0.00	36.22 0.75 0.00	53.86 1.82 0.00	77.31 2.93 -1.21	54.00 1.67 0.00	39.68 0.78 0.00	35.53 0.49 0.00	32.46 0.19 0.00	34.37 0.20 0.00	29.86 0.18 0.00	35.26 0.28 0.00	38.66 0.57 0.00	47.91 0.61 0.00	66.53 1.05 0.00	78.89 1.99 -0.52	73.46 2.14 -0.16	56.64 1.70 0.00	47.34 1.51 0.00	39.98 1.09 0.00	36.98 1.01 0.00
FOX_HILLS___ESR 323835	35.52 2.63 -0.01	32.55 2.30 -0.01	32.55 2.24 -0.01	31.32 2.16 -0.01	32.59 2.24 -0.01	38.17 2.70 0.00	55.43 3.38 -0.01	80.67 4.39 -3.11	57.24 3.61 -1.30	41.74 2.68 -0.15	38.18 3.12 -0.02	37.32 2.97 -2.08	38.90 2.97 -1.77	38.98 2.82 -6.47	39.46 2.45 -2.03	42.59 2.59 -1.90	51.12 2.88 -0.94	72.00 4.26 -2.26	83.32 4.96 -1.98	76.86 4.20 -1.49	58.98 3.08 -0.97	48.71 2.89 0.00	41.62 2.72 -0.01	38.88 2.70 -0.20
FPL_FAR_ROCK_GT1 24212	34.82 1.94 0.00	31.85 1.60 0.00	31.87 1.57 0.00	30.67 1.52 0.00	31.91 1.58 0.00	37.32 1.84 0.00	53.72 2.81 1.13	75.78 4.90 2.29	55.55 4.19 0.96	42.06 3.27 0.11	38.38 3.36 0.02	37.72 3.39 -2.06	39.03 3.28 -1.59	38.97 3.00 -6.29	39.89 3.18 -1.73	42.57 3.20 -1.28	50.43 3.83 0.70	69.16 5.37 1.69	81.19 6.49 1.68	75.43 5.48 1.22	58.13 3.90 0.71	47.72 2.56 0.67	40.85 2.02 0.06	38.12 1.94 -0.20
FPL_FAR_ROCK_GT2 23815	34.82 1.94 0.00	31.85 1.60 0.00	31.87 1.57 0.00	30.67 1.52 0.00	31.91 1.58 0.00	37.32 1.84 0.00	53.72 2.81 1.13	75.78 4.90 2.29	55.55 4.19 0.96	42.06 3.27 0.11	38.38 3.36 0.02	37.72 3.39 -2.06	39.03 3.28 -1.59	38.97 3.00 -6.29	39.89 3.18 -1.73	42.57 3.20 -1.28	50.43 3.83 0.70	69.16 5.37 1.69	81.19 6.49 1.68	75.43 5.48 1.22	58.13 3.90 0.71	47.72 2.56 0.67	40.85 2.02 0.06	38.12 1.94 -0.20
FRANKLIN_FALL_HYD 24054	32.45 -0.43 0.00	29.82 -0.42 0.00	30.00 -0.30 0.00	28.81 -0.35 0.00	30.03 -0.30 0.00	35.16 -0.32 0.00	51.78 -0.26 0.00	72.88 -0.29 0.00	52.07 -0.26 0.00	38.83 -0.08 0.00	35.00 -0.04 0.00	32.27 0.00 0.00	34.54 0.38 0.00	30.01 0.33 0.00	35.61 0.63 0.00	38.78 0.69 0.00	48.19 0.90 0.00	66.60 1.11 0.00	76.84 0.46 0.00	71.95 0.78 0.00	55.43 0.49 0.00	46.37 0.55 0.00	39.71 0.82 0.00	36.77 0.79 0.00



FREEPORT_EQUS_GT1 23764	34.55 1.68 0.00	31.60 1.36 0.00	31.60 1.30 0.00	30.41 1.25 0.00	31.66 1.33 0.00	37.00 1.52 0.00	48.64 2.34 5.74	60.16 4.39 17.40	48.86 3.77 7.24	41.00 2.88 0.79	37.94 3.01 0.10	37.36 3.03 -2.06	38.22 2.94 -1.12	38.27 2.73 -5.85	38.78 2.87 -0.93	40.56 2.89 0.43	45.44 3.36 5.21	57.61 4.78 12.66	70.05 5.80 12.14	67.22 4.77 8.72	52.89 3.30 5.34	44.48 2.06 3.40	40.26 1.67 0.30	37.80 1.62 -0.20
FREEPORT___CT2 23818	34.55 1.68 0.00	31.60 1.36 0.00	31.60 1.30 0.00	30.41 1.25 0.00	31.66 1.33 0.00	37.00 1.52 0.00	48.64 2.34 5.74	60.16 4.39 17.40	48.86 3.77 7.24	41.00 2.88 0.79	37.94 3.01 0.10	37.36 3.03 -2.06	38.22 2.94 -1.12	38.27 2.73 -5.85	38.78 2.87 -0.93	40.56 2.89 0.43	45.44 3.36 5.21	57.61 4.78 12.66	70.05 5.80 12.14	67.22 4.77 8.72	52.89 3.30 5.34	44.48 2.06 3.40	40.26 1.67 0.30	37.80 1.62 -0.20
FRESHKLS_33_KV_LOAD 356253	35.68 2.79 -0.01	32.70 2.45 -0.01	32.70 2.39 -0.01	31.47 2.30 -0.01	32.74 2.40 -0.01	38.35 2.87 0.00	55.53 3.49 -0.01	80.52 4.24 -3.11	57.19 3.56 -1.30	41.70 2.65 -0.15	38.32 3.26 -0.02	37.45 3.10 -2.08	39.04 3.11 -1.77	39.09 2.94 -6.47	39.46 2.45 -2.03	42.55 2.55 -1.90	51.03 2.79 -0.94	71.87 4.13 -2.26	83.17 4.81 -1.98	76.79 4.13 -1.49	58.93 3.02 -0.97	48.80 2.98 0.00	41.78 2.88 -0.01	39.02 2.84 -0.20
FULTON COGEN____ 23766	32.35 -0.53 0.00	29.79 -0.45 0.00	29.82 -0.48 0.00	28.69 -0.47 0.00	29.82 -0.52 0.00	34.94 -0.53 0.00	51.31 -0.73 0.00	74.96 -1.24 -3.04	51.54 -0.78 0.00	38.44 -0.47 0.00	34.58 -0.46 0.00	31.81 -0.45 0.00	33.72 -0.44 0.00	29.33 -0.36 0.00	34.45 -0.52 0.00	37.52 -0.57 0.00	46.30 -0.99 0.00	63.93 -1.57 -0.02	76.45 -1.53 -1.60	70.24 -1.42 -0.50	53.90 -1.04 0.00	45.00 -0.82 0.00	38.15 -0.74 0.00	35.26 -0.72 0.00
FULTON___LFGE 323630	34.32 1.45 0.00	31.55 1.30 0.00	31.66 1.36 0.00	30.50 1.34 0.00	31.76 1.43 0.00	37.25 1.77 0.00	55.26 3.23 0.00	77.78 4.61 0.00	54.16 1.83 0.00	39.10 0.20 0.00	34.68 -0.35 0.00	31.55 -0.55 0.17	33.04 -0.78 0.34	28.95 -0.48 0.25	34.04 -0.49 0.45	37.68 -0.04 0.38	48.10 0.80 0.00	68.29 2.81 0.01	81.34 4.27 -0.68	74.88 3.77 0.07	57.96 3.02 0.00	48.20 2.38 0.00	40.80 1.91 0.00	37.60 1.73 0.10
G.F.CEMENT___DRP 24184	34.39 1.51 0.00	31.67 1.42 0.00	31.69 1.39 0.00	30.56 1.40 0.00	31.79 1.46 0.00	37.07 1.60 0.00	54.85 2.81 0.00	77.23 4.17 0.11	54.85 2.56 0.04	40.26 1.36 0.01	36.05 1.02 0.00	32.80 0.81 0.28	34.27 0.65 0.54	30.03 0.77 0.43	35.09 0.84 0.73	38.43 0.95 0.61	48.82 1.56 0.03	68.41 3.01 0.09	80.28 4.12 0.22	74.62 3.56 0.11	57.60 2.69 0.03	47.93 2.11 0.00	40.60 1.71 0.00	37.40 1.58 0.16
GARDENVILLE___LBMP 24039	32.91 0.03 0.00	30.58 0.33 0.00	30.57 0.27 0.00	29.25 0.09 0.00	30.27 -0.06 0.00	35.16 -0.32 0.00	50.27 -1.77 0.00	67.98 -5.20 0.00	50.23 -2.09 0.00	39.25 0.35 0.00	35.46 0.42 0.00	32.74 0.42 -0.06	34.38 0.20 -0.01	30.41 0.50 -0.22	34.87 -0.10 0.00	37.64 -0.46 0.00	44.88 -2.41 0.00	60.26 -5.17 0.05	70.56 -5.04 0.78	66.55 -4.34 0.28	51.64 -3.30 0.00	44.17 -1.65 0.00	37.68 -1.21 0.00	34.93 -1.04 0.00
GARDNVLA_35_KV_LD 355827	33.08 0.20 0.00	30.73 0.48 0.00	30.72 0.42 0.00	29.39 0.23 0.00	30.42 0.09 0.00	35.33 -0.14 0.00	50.58 -1.46 0.00	68.41 -4.76 0.00	50.60 -1.73 0.00	39.53 0.62 0.00	35.74 0.70 0.00	33.00 0.68 -0.06	34.65 0.48 -0.01	30.65 0.74 -0.22	35.15 0.17 0.00	37.94 -0.15 0.00	45.26 -2.03 0.00	60.79 -4.65 0.05	71.09 -4.51 0.78	67.05 -3.84 0.28	51.97 -2.97 0.00	44.49 -1.33 0.00	37.92 -0.97 0.00	35.15 -0.83 0.00
GELCKHM___115KV_LOAD 80723	32.55 -0.33 0.00	29.94 -0.30 0.00	30.00 -0.30 0.00	28.84 -0.32 0.00	30.00 -0.33 0.00	35.12 -0.35 0.00	51.57 -0.47 0.00	73.10 -0.95 -0.88	51.86 -0.47 0.00	38.63 -0.27 0.00	34.79 -0.25 0.00	32.04 -0.26 -0.03	33.93 -0.24 -0.01	29.67 -0.15 -0.13	34.66 -0.31 0.00	37.79 -0.30 0.00	46.59 -0.71 0.00	64.34 -1.11 0.04	75.12 -1.07 0.19	70.09 -1.00 0.09	54.23 -0.71 0.00	45.27 -0.55 0.00	38.35 -0.54 0.00	35.44 -0.54 0.00
GENERAL___MILLS 23808	32.98 0.10 0.00	30.64 0.39 0.00	30.63 0.33 0.00	29.30 0.15 0.00	30.33 0.00 0.00	35.23 -0.25 0.00	50.42 -1.61 0.00	68.19 -4.98 0.00	50.39 -1.94 0.00	39.37 0.47 0.00	35.56 0.53 0.00	32.84 0.52 -0.06	34.52 0.34 -0.01	30.50 0.59 -0.22	35.01 0.03 0.00	37.75 -0.34 0.00	45.07 -2.22 0.00	60.52 -4.91 0.05	70.86 -4.74 0.78	66.77 -4.13 0.28	51.81 -3.13 0.00	44.31 -1.51 0.00	37.80 -1.09 0.00	35.04 -0.94 0.00
GE_PLASTICS___DRP 24183	33.70 0.82 0.00	31.00 0.76 0.00	30.94 0.64 0.00	29.83 0.67 0.00	31.03 0.70 0.00	36.26 0.78 0.00	53.34 1.30 0.00	74.96 1.90 0.11	53.69 1.41 0.05	39.75 0.86 0.01	35.80 0.77 0.00	32.74 0.68 0.21	34.47 0.65 0.34	29.99 0.71 0.41	35.23 0.70 0.45	38.40 0.69 0.38	48.02 0.76 0.03	66.84 1.44 0.09	77.84 1.68 0.23	72.49 1.42 0.11	56.01 1.10 0.03	46.65 0.82 0.00	39.55 0.66 0.00	36.56 0.68 0.10
GILBOA___1 23756	33.83 0.95 0.00	31.09 0.85 0.00	31.21 0.91 0.00	30.03 0.87 0.00	31.24 0.91 0.00	36.40 0.92 0.00	53.55 1.51 0.00	75.51 2.34 0.00	54.11 1.78 0.00	40.11 1.21 0.00	36.16 1.12 0.00	33.34 1.03 -0.05	35.33 1.02 -0.14	30.72 1.04 0.00	36.22 1.05 -0.20	39.36 1.11 -0.16	48.52 1.23 0.00	67.30 1.83 0.01	78.08 1.91 0.21	72.80 1.71 0.07	56.37 1.43 0.00	46.97 1.15 0.00	39.82 0.93 0.00	36.88 0.86 -0.04
GILBOA___2 23757	33.83 0.95 0.00	31.09 0.85 0.00	31.21 0.91 0.00	30.03 0.87 0.00	31.24 0.91 0.00	36.40 0.92 0.00	53.55 1.51 0.00	75.51 2.34 0.00	54.11 1.78 0.00	40.11 1.21 0.00	36.16 1.12 0.00	33.34 1.03 -0.05	35.33 1.02 -0.14	30.72 1.04 0.00	36.22 1.05 -0.20	39.36 1.11 -0.16	48.52 1.23 0.00	67.30 1.83 0.01	78.08 1.91 0.21	72.80 1.71 0.07	56.37 1.43 0.00	46.97 1.15 0.00	39.82 0.93 0.00	36.88 0.86 -0.04
GILBOA___3 23758	33.83 0.95 0.00	31.09 0.85 0.00	31.21 0.91 0.00	30.03 0.87 0.00	31.24 0.91 0.00	36.40 0.92 0.00	53.55 1.51 0.00	75.51 2.34 0.00	54.11 1.78 0.00	40.11 1.21 0.00	36.16 1.12 0.00	33.34 1.03 -0.05	35.33 1.02 -0.14	30.72 1.04 0.00	36.22 1.05 -0.20	39.36 1.11 -0.16	48.52 1.23 0.00	67.30 1.83 0.01	78.08 1.91 0.21	72.80 1.71 0.07	56.37 1.43 0.00	46.97 1.15 0.00	39.82 0.93 0.00	36.88 0.86 -0.04
GILBOA___4 23759	33.83 0.95 0.00	31.09 0.85 0.00	31.21 0.91 0.00	30.03 0.87 0.00	31.24 0.91 0.00	36.40 0.92 0.00	53.55 1.51 0.00	75.51 2.34 0.00	54.11 1.78 0.00	40.11 1.21 0.00	36.16 1.12 0.00	33.34 1.03 -0.05	35.33 1.02 -0.14	30.72 1.04 0.00	36.22 1.05 -0.20	39.36 1.11 -0.16	48.52 1.23 0.00	67.30 1.83 0.01	78.08 1.91 0.21	72.80 1.71 0.07	56.37 1.43 0.00	46.97 1.15 0.00	39.82 0.93 0.00	36.88 0.86 -0.04

GILBOA____ 23599	33.83 0.95 0.00	31.09 0.85 0.00	31.21 0.91 0.00	30.03 0.87 0.00	31.24 0.91 0.00	36.40 0.92 0.00	53.54 1.51 0.00	75.51 2.34 0.00	54.16 1.83 0.00	40.11 1.21 0.00	36.16 1.12 0.00	33.34 1.03 -0.05	35.33 1.02 -0.14	30.72 1.04 0.00	36.22 1.05 -0.20	39.32 1.07 -0.16	48.52 1.23 0.00	67.37 1.90 0.01	78.08 1.91 0.21	72.80 1.71 0.07	56.37 1.43 0.00	46.97 1.15 0.00	39.82 0.93 0.00	36.88 0.86 -0.04
GINNA____ 23603	31.27 -1.61 0.00	28.92 -1.33 0.00	28.97 -1.33 0.00	27.79 -1.37 0.00	28.88 -1.46 0.00	33.81 -1.67 0.00	49.07 -2.96 0.00	68.27 -4.90 0.00	49.66 -2.67 0.00	37.35 -1.56 0.00	33.60 -1.44 0.00	31.18 -1.13 -0.04	32.87 -1.30 -0.01	28.83 -1.01 -0.16	33.54 -1.44 0.00	36.49 -1.60 0.00	44.27 -3.03 0.00	60.79 -4.65 0.05	70.64 -4.96 0.78	66.55 -4.34 0.27	51.59 -3.35 0.00	43.44 -2.38 0.00	36.75 -2.14 0.00	33.93 -2.05 0.00
GLEN PARK____ 23778	33.57 0.69 0.00	30.88 0.64 0.00	30.97 0.67 0.00	29.68 0.53 0.00	31.03 0.70 0.00	36.40 0.92 0.00	54.17 2.13 0.00	77.74 3.30 -1.27	54.21 1.88 0.00	39.80 0.90 0.00	35.56 0.53 0.00	32.52 0.26 0.00	34.43 0.27 0.00	29.92 0.24 0.00	35.33 0.35 0.00	38.78 0.69 0.00	48.05 0.75 0.00	66.86 1.38 0.00	79.30 2.37 -0.55	73.89 2.56 -0.16	56.92 1.97 0.00	47.56 1.74 0.00	40.13 1.24 0.00	37.13 1.15 0.00
GLENDALE_27_KV_LOAD 356172	35.39 2.50 -0.01	32.40 2.15 -0.01	32.40 2.09 -0.01	31.18 2.01 -0.01	32.43 2.09 -0.01	37.96 2.48 0.00	55.69 3.64 -0.01	81.90 5.41 -3.31	58.11 4.40 -1.39	42.29 3.23 -0.15	38.28 3.22 -0.02	37.38 3.03 -2.08	39.01 3.07 -1.77	39.03 2.88 -6.47	39.98 2.97 -2.03	43.14 3.12 -1.92	51.89 3.59 -1.00	73.13 5.24 -2.40	84.61 6.11 -2.12	78.10 5.34 -1.59	59.92 3.96 -1.02	48.99 3.16 0.00	41.58 2.68 -0.01	38.70 2.52 -0.20
GLENWOOD_IC_1_G5 23712	34.75 1.87 0.00	31.82 1.57 0.00	31.81 1.51 0.00	30.65 1.49 0.00	31.88 1.55 0.00	37.32 1.84 0.00	51.44 2.81 3.40	66.93 4.90 11.14	51.87 4.19 4.65	41.39 3.00 0.51	37.98 3.01 0.07	37.27 2.94 -2.06	38.38 2.90 -1.31	38.45 2.73 -6.03	39.11 2.87 -1.26	41.30 2.93 -0.28	47.40 3.45 3.35	62.47 5.11 8.13	74.41 5.96 7.93	70.60 5.05 5.62	55.14 3.63 3.43	46.28 2.47 2.02	40.65 1.94 0.18	38.05 1.87 -0.20
GLENWOOD_IC_2_G1 23688	34.75 1.87 0.00	31.82 1.57 0.00	31.81 1.51 0.00	30.62 1.46 0.00	31.88 1.55 0.00	37.25 1.77 0.00	54.91 2.81 -0.07	75.70 4.83 2.30	55.24 3.87 0.96	41.67 2.88 0.11	37.85 2.84 0.02	37.07 2.74 -2.06	38.49 2.73 -1.59	38.53 2.55 -6.29	39.40 2.69 -1.73	42.15 2.78 -1.28	49.86 3.26 0.70	68.51 4.72 1.69	80.35 5.65 1.68	74.79 4.84 1.22	57.75 3.52 0.71	48.18 2.38 0.02	40.84 1.94 0.00	38.01 1.83 -0.20
GLENWOOD_IC_3_G1 23689	34.75 1.87 0.00	31.82 1.57 0.00	31.81 1.51 0.00	30.62 1.46 0.00	31.88 1.55 0.00	37.25 1.77 0.00	54.91 2.81 -0.07	75.70 4.83 2.30	55.24 3.87 0.96	41.67 2.88 0.11	37.85 2.84 0.02	37.07 2.74 -2.06	38.49 2.73 -1.59	38.53 2.55 -6.29	39.40 2.69 -1.73	42.15 2.78 -1.28	49.86 3.26 0.70	68.51 4.72 1.69	80.35 5.65 1.68	74.79 4.84 1.22	57.75 3.52 0.71	48.18 2.38 0.02	40.84 1.94 0.00	38.01 1.83 -0.20
GLENWOOD____4 23550	34.75 1.87 0.00	31.82 1.57 0.00	31.81 1.51 0.00	30.65 1.49 0.00	31.88 1.55 0.00	37.32 1.84 0.00	51.44 2.81 3.40	66.93 4.90 11.14	51.87 4.19 4.65	41.39 3.00 0.51	37.98 3.01 0.07	37.27 2.94 -2.06	38.38 2.90 -1.31	38.45 2.73 -6.03	39.11 2.87 -1.26	41.30 2.93 -0.28	47.40 3.45 3.35	62.47 5.11 8.13	74.41 5.96 7.93	70.60 5.05 5.62	55.14 3.63 3.43	46.28 2.47 2.02	40.65 1.94 0.18	38.05 1.87 -0.20
GLENWOOD____5 23614	34.75 1.87 0.00	31.82 1.57 0.00	31.81 1.51 0.00	30.65 1.49 0.00	31.88 1.55 0.00	37.32 1.84 0.00	51.44 2.81 3.40	66.93 4.90 11.14	51.87 4.19 4.65	41.39 3.00 0.51	37.98 3.01 0.07	37.27 2.94 -2.06	38.38 2.90 -1.31	38.45 2.73 -6.03	39.11 2.87 -1.26	41.30 2.93 -0.28	47.40 3.45 3.35	62.47 5.11 8.13	74.41 5.96 7.93	70.60 5.05 5.62	55.14 3.63 3.43	46.28 2.47 2.02	40.65 1.94 0.18	38.05 1.87 -0.20
GLOBAL GREEN_PORT_GT1 23814	21.89 0.52 11.52	19.65 0.30 10.90	19.02 0.27 11.55	20.48 0.29 8.97	19.26 0.33 11.41	28.16 0.43 7.75	38.11 0.37 14.30	31.41 1.90 43.66	29.45 1.94 24.82	19.84 1.60 20.66	12.95 1.89 23.98	13.35 2.00 20.91	13.43 1.78 22.51	14.18 1.66 17.16	14.55 1.64 22.07	18.03 1.53 21.58	35.98 1.80 13.11	43.45 2.62 24.66	49.34 3.44 30.48	51.78 2.49 21.88	45.90 1.37 10.41	39.71 0.46 6.57	38.21 0.00 0.68	28.40 0.36 7.94
GLOBE____DSASP 323697	32.65 -0.23 0.00	30.37 0.12 0.00	30.36 0.06 0.00	28.69 -0.47 0.00	30.03 -0.30 0.00	34.70 -0.78 0.00	49.02 -3.02 0.00	65.93 -7.24 0.00	48.93 -3.40 0.00	38.48 -0.43 0.00	34.75 -0.28 0.00	32.16 -0.16 -0.05	33.80 -0.38 -0.01	29.83 -0.06 -0.21	34.28 -0.70 0.00	36.95 -1.14 0.00	43.89 -3.41 0.00	58.56 -6.88 0.05	68.49 -7.10 0.79	64.56 -6.33 0.28	50.16 -4.78 0.00	43.12 -2.70 0.00	36.79 -2.10 0.00	34.29 -1.69 0.00
GOETHSLN____LBMP 323567	34.98 2.10 0.00	32.03 1.78 0.00	32.03 1.73 0.00	30.82 1.66 0.00	32.09 1.76 0.00	37.53 2.06 0.00	55.22 3.17 -0.01	81.68 5.41 -3.10	57.91 4.29 -1.30	42.12 3.07 -0.14	37.97 2.91 -0.02	37.09 2.74 -2.08	38.69 2.77 -1.76	38.76 2.61 -6.47	39.83 2.83 -2.02	42.96 2.97 -1.89	51.68 3.45 -0.93	72.84 5.11 -2.25	84.31 5.96 -1.97	77.92 5.27 -1.48	59.80 3.90 -0.96	48.53 2.70 0.00	41.11 2.22 0.00	38.27 2.09 -0.20
GOLAH____69_KV_TB 1_2 80279	33.01 0.13 0.00	30.61 0.36 0.00	30.63 0.33 0.00	29.36 0.20 0.00	30.51 0.18 0.00	35.62 0.14 0.00	51.36 -0.68 0.00	70.76 -2.41 0.00	51.59 -0.73 0.00	39.41 0.51 0.00	35.49 0.46 0.00	32.92 0.61 -0.04	34.62 0.44 -0.01	30.38 0.53 -0.16	35.26 0.28 0.00	38.24 0.15 0.00	46.11 -1.18 0.00	62.75 -2.68 0.05	73.30 -2.29 0.79	69.11 -1.78 0.28	53.68 -1.26 0.00	45.41 -0.41 0.00	38.50 -0.39 0.00	35.65 -0.32 0.00
GOODYEAR_LAKE_HYD 323669	33.93 1.05 0.00	31.18 0.94 0.00	31.30 1.00 0.00	30.09 0.93 0.00	31.36 1.03 0.00	36.68 1.21 0.00	54.12 2.08 0.00	76.43 3.15 -0.12	54.42 2.04 -0.05	40.08 1.17 -0.01	35.98 0.95 0.00	33.22 0.84 -0.11	34.98 0.79 -0.03	30.96 0.83 -0.44	35.86 0.87 -0.01	39.17 1.07 -0.01	48.65 1.32 -0.03	67.71 2.16 -0.06	78.93 2.83 0.28	73.66 2.56 0.07	57.01 2.03 -0.04	47.34 1.51 0.00	40.06 1.17 0.00	37.06 1.08 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.27 0.39 0.00	30.67 0.42 0.00	30.72 0.42 0.00	29.51 0.35 0.00	30.67 0.33 0.00	35.90 0.43 0.00	52.61 0.57 0.00	73.51 0.22 -0.12	52.80 0.42 -0.05	39.45 0.54 -0.01	35.53 0.49 0.00	32.81 0.39 -0.16	34.73 0.41 -0.16	30.64 0.50 -0.45	35.48 0.31 -0.19	38.56 0.30 -0.16	47.28 -0.05 -0.04	65.40 -0.13 -0.04	75.85 0.08 0.61	71.06 0.07 0.19	55.09 0.11 -0.04	45.96 0.14 0.00	39.01 0.12 0.00	36.09 0.11 0.00

GOUDEY___7 23579	33.27 0.39 0.00	30.67 0.42 0.00	30.72 0.42 0.00	29.51 0.35 0.00	30.67 0.33 0.00	35.90 0.43 0.00	52.61 0.57 0.00	73.51 0.22 -0.12	52.80 0.42 -0.05	39.45 0.54 -0.01	35.53 0.49 0.00	32.81 0.39 -0.16	34.73 0.41 -0.16	30.64 0.50 -0.45	35.48 0.31 -0.19	38.56 0.30 -0.16	47.28 -0.05 -0.04	65.40 -0.13 -0.04	75.85 0.08 0.61	71.06 0.07 0.19	55.09 0.11 -0.04	45.96 0.14 0.00	39.01 0.12 0.00	36.09 0.11 0.00
GOUDEY___8 23580	33.27 0.39 0.00	30.67 0.42 0.00	30.72 0.42 0.00	29.51 0.35 0.00	30.67 0.33 0.00	35.90 0.43 0.00	52.61 0.57 0.00	73.51 0.22 -0.12	52.80 0.42 -0.05	39.45 0.54 -0.01	35.53 0.49 0.00	32.81 0.39 -0.16	34.73 0.41 -0.16	30.64 0.50 -0.45	35.48 0.31 -0.19	38.56 0.30 -0.16	47.28 -0.05 -0.04	65.40 -0.13 -0.04	75.85 0.08 0.61	71.06 0.07 0.19	55.09 0.11 -0.04	45.96 0.14 0.00	39.01 0.12 0.00	36.09 0.11 0.00
GOWANUS_GT1_1 24077	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.53 3.49 -0.01	80.96 4.68 -3.11	57.50 3.87 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.29 2.94 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.63 2.62 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.52 4.58 -2.45	83.89 5.35 -2.16	77.32 4.55 -1.59	59.32 3.35 -1.02	48.80 2.98 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GOWANUS_GT1_2 24078	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.53 3.49 -0.01	80.96 4.68 -3.11	57.50 3.87 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.29 2.94 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.63 2.62 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.52 4.58 -2.45	83.89 5.35 -2.16	77.32 4.55 -1.59	59.32 3.35 -1.02	48.80 2.98 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GOWANUS_GT1_3 24079	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.53 3.49 -0.01	80.96 4.68 -3.11	57.50 3.87 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.29 2.94 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.63 2.62 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.52 4.58 -2.45	83.89 5.35 -2.16	77.32 4.55 -1.59	59.32 3.35 -1.02	48.80 2.98 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GOWANUS_GT1_4 24080	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.53 3.49 -0.01	80.96 4.68 -3.11	57.50 3.87 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.29 2.94 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.63 2.62 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.52 4.58 -2.45	83.89 5.35 -2.16	77.32 4.55 -1.59	59.32 3.35 -1.02	48.80 2.98 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GOWANUS_GT1_5 24084	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.53 3.49 -0.01	80.96 4.68 -3.11	57.50 3.87 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.29 2.94 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.63 2.62 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.52 4.58 -2.45	83.89 5.35 -2.16	77.32 4.55 -1.59	59.32 3.35 -1.02	48.80 2.98 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GOWANUS_GT1_6 24111	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.53 3.49 -0.01	80.96 4.68 -3.11	57.50 3.87 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.29 2.94 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.63 2.62 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.52 4.58 -2.45	83.89 5.35 -2.16	77.32 4.55 -1.59	59.32 3.35 -1.02	48.80 2.98 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GOWANUS_GT1_7 24112	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.53 3.49 -0.01	80.96 4.68 -3.11	57.50 3.87 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.29 2.94 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.63 2.62 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.52 4.58 -2.45	83.89 5.35 -2.16	77.32 4.55 -1.59	59.32 3.35 -1.02	48.80 2.98 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GOWANUS_GT1_8 24113	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.53 3.49 -0.01	80.96 4.68 -3.11	57.50 3.87 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.29 2.94 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.63 2.62 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.52 4.58 -2.45	83.89 5.35 -2.16	77.32 4.55 -1.59	59.32 3.35 -1.02	48.80 2.98 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GOWANUS_GT2_1 24114	35.45 2.57 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.01 2.52 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.29 3.66 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.26 2.91 -2.08	38.83 2.90 -1.77	38.88 2.73 -6.47	39.49 2.48 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.23 4.46 -2.29	83.76 5.27 -2.12	77.32 4.56 -1.59	59.26 3.30 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
GOWANUS_GT2_2 24115	35.45 2.57 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.01 2.52 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.29 3.66 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.26 2.91 -2.08	38.83 2.90 -1.77	38.88 2.73 -6.47	39.49 2.48 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.23 4.46 -2.29	83.76 5.27 -2.12	77.32 4.56 -1.59	59.26 3.30 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
GOWANUS_GT2_3 24116	35.45 2.57 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.01 2.52 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.29 3.66 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.26 2.91 -2.08	38.83 2.90 -1.77	38.88 2.73 -6.47	39.49 2.48 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.23 4.46 -2.29	83.76 5.27 -2.12	77.32 4.56 -1.59	59.26 3.30 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
GOWANUS_GT2_4 24117	35.45 2.57 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.01 2.52 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.29 3.66 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.26 2.91 -2.08	38.83 2.90 -1.77	38.88 2.73 -6.47	39.49 2.48 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.23 4.46 -2.29	83.76 5.27 -2.12	77.32 4.56 -1.59	59.26 3.30 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
GOWANUS_GT2_5 24118	35.45 2.57 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.01 2.52 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.29 3.66 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.26 2.91 -2.08	38.83 2.90 -1.77	38.88 2.73 -6.47	39.49 2.48 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.23 4.46 -2.29	83.76 5.27 -2.12	77.32 4.56 -1.59	59.26 3.30 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22

GOWANUS_GT2_6 24119	35.45 2.57 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.01 2.52 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.29 3.66 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.26 2.91 -2.08	38.83 2.90 -1.77	38.88 2.73 -6.47	39.49 2.48 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.23 4.46 -2.29	83.76 5.27 -2.12	77.32 4.56 -1.59	59.26 3.30 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
GOWANUS_GT2_7 24120	35.45 2.57 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.01 2.52 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.29 3.66 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.26 2.91 -2.08	38.83 2.90 -1.77	38.88 2.73 -6.47	39.49 2.48 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.23 4.46 -2.29	83.76 5.27 -2.12	77.32 4.56 -1.59	59.26 3.30 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
GOWANUS_GT2_8 24121	35.45 2.57 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.01 2.52 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.29 3.66 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.26 2.91 -2.08	38.83 2.90 -1.77	38.88 2.73 -6.47	39.49 2.48 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.23 4.46 -2.29	83.76 5.27 -2.12	77.32 4.56 -1.59	59.26 3.30 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
GOWANUS_GT3_1 24122	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
GOWANUS_GT3_2 24123	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
GOWANUS_GT3_3 24124	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
GOWANUS_GT3_4 24125	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
GOWANUS_GT3_5 24126	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
GOWANUS_GT3_6 24127	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
GOWANUS_GT3_7 24128	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
GOWANUS_GT3_8 24129	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
GOWANUS_GT4_1 24130	35.45 2.56 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.48 3.43 -0.01	80.96 4.68 -3.11	57.45 3.82 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.25 2.90 -2.08	38.84 2.90 -1.77	38.92 2.76 -6.47	39.60 2.59 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.30 4.52 -2.29	83.66 5.27 -2.01	77.32 4.55 -1.59	59.26 3.30 -1.02	48.76 2.93 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GOWANUS_GT4_2 24131	35.45 2.56 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.48 3.43 -0.01	80.96 4.68 -3.11	57.45 3.82 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.25 2.90 -2.08	38.84 2.90 -1.77	38.92 2.76 -6.47	39.60 2.59 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.30 4.52 -2.29	83.66 5.27 -2.01	77.32 4.55 -1.59	59.26 3.30 -1.02	48.76 2.93 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GOWANUS_GT4_3 24132	35.45 2.56 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.48 3.43 -0.01	80.96 4.68 -3.11	57.45 3.82 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.25 2.90 -2.08	38.84 2.90 -1.77	38.92 2.76 -6.47	39.60 2.59 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.30 4.52 -2.29	83.66 5.27 -2.01	77.32 4.55 -1.59	59.26 3.30 -1.02	48.76 2.93 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GOWANUS_GT4_4 24133	35.45 2.56 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.48 3.43 -0.01	80.96 4.68 -3.11	57.45 3.82 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.25 2.90 -2.08	38.84 2.90 -1.77	38.92 2.76 -6.47	39.60 2.59 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.30 4.52 -2.29	83.66 5.27 -2.01	77.32 4.55 -1.59	59.26 3.30 -1.02	48.76 2.93 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20

GOWANUS_GT4_5 24134	35.45 2.56 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.48 3.43 -0.01	80.96 4.68 -3.11	57.45 3.82 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.25 2.90 -2.08	38.84 2.90 -1.77	38.92 2.76 -6.47	39.60 2.59 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.30 4.52 -2.29	83.66 5.27 -2.01	77.32 4.55 -1.59	59.26 3.30 -1.02	48.76 2.93 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GOWANUS_GT4_6 24135	35.45 2.56 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.48 3.43 -0.01	80.96 4.68 -3.11	57.45 3.82 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.25 2.90 -2.08	38.84 2.90 -1.77	38.92 2.76 -6.47	39.60 2.59 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.30 4.52 -2.29	83.66 5.27 -2.01	77.32 4.55 -1.59	59.26 3.30 -1.02	48.76 2.93 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GOWANUS_GT4_7 24136	35.45 2.56 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.48 3.43 -0.01	80.96 4.68 -3.11	57.45 3.82 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.25 2.90 -2.08	38.84 2.90 -1.77	38.92 2.76 -6.47	39.60 2.59 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.30 4.52 -2.29	83.66 5.27 -2.01	77.32 4.55 -1.59	59.26 3.30 -1.02	48.76 2.93 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GOWANUS_GT4_8 24137	35.45 2.56 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.48 3.43 -0.01	80.96 4.68 -3.11	57.45 3.82 -1.30	41.86 2.80 -0.15	38.11 3.05 -0.02	37.25 2.90 -2.08	38.84 2.90 -1.77	38.92 2.76 -6.47	39.60 2.59 -2.03	42.70 2.70 -1.90	51.31 3.07 -0.94	72.30 4.52 -2.29	83.66 5.27 -2.01	77.32 4.55 -1.59	59.26 3.30 -1.02	48.76 2.93 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GREATVR_69_KV_BK1 356245	29.40 1.74 5.22	26.70 1.39 4.94	26.43 1.36 5.24	26.43 1.34 4.07	26.56 1.40 5.17	33.67 1.70 3.51	42.42 2.34 11.96	41.14 4.46 36.49	38.34 4.24 18.23	31.77 3.00 10.13	27.18 3.12 10.98	27.07 3.16 8.36	27.34 3.01 9.83	27.68 2.79 4.80	27.99 2.90 9.89	30.18 2.93 10.84	39.45 3.12 10.97	46.50 4.39 23.37	55.98 5.19 25.59	57.43 4.55 18.30	47.82 2.75 9.87	41.25 1.65 6.23	39.63 1.32 0.58	34.18 1.69 3.49
GREENBSH_115KV_TB3 55895	33.67 0.79 0.00	31.00 0.76 0.00	30.88 0.58 0.00	29.80 0.64 0.00	30.97 0.64 0.00	36.19 0.71 0.00	53.18 1.14 0.00	74.74 1.68 0.12	53.53 1.26 0.05	39.64 0.74 0.01	35.70 0.67 0.00	32.55 0.55 0.27	34.18 0.51 0.49	29.85 0.62 0.46	34.88 0.56 0.66	38.03 0.50 0.55	47.83 0.57 0.04	66.63 1.24 0.09	77.68 1.53 0.23	72.27 1.21 0.11	55.84 0.93 0.04	46.51 0.69 0.00	39.40 0.51 0.00	36.45 0.61 0.14
GREENDGE_115KV_TB5 80291	33.18 0.30 0.00	30.61 0.36 0.00	30.66 0.36 0.00	29.42 0.26 0.00	30.58 0.24 0.00	35.90 0.43 0.00	52.40 0.36 0.00	72.95 -0.29 -0.08	52.15 -0.21 -0.03	39.18 0.27 0.00	35.18 0.14 0.00	32.41 0.06 -0.07	34.25 0.07 -0.02	30.18 0.21 -0.29	34.91 -0.07 0.00	38.10 0.00 -0.01	46.51 -0.80 -0.02	65.17 -0.33 -0.01	76.11 0.38 0.65	71.39 0.43 0.21	55.35 0.38 -0.02	46.19 0.37 0.00	39.05 0.16 0.00	36.05 0.07 0.00
GREENIDGE___3 23582	33.18 0.30 0.00	30.61 0.36 0.00	30.66 0.36 0.00	29.42 0.26 0.00	30.58 0.24 0.00	35.90 0.43 0.00	52.40 0.36 0.00	72.95 -0.29 -0.08	52.15 -0.21 -0.03	39.18 0.27 0.00	35.18 0.14 0.00	32.41 0.06 -0.07	34.25 0.07 -0.02	30.18 0.21 -0.29	34.91 -0.07 0.00	38.10 0.00 -0.01	46.51 -0.80 -0.02	65.17 -0.33 -0.01	76.11 0.38 0.65	71.39 0.43 0.21	55.35 0.38 -0.02	46.19 0.37 0.00	39.05 0.16 0.00	36.05 0.07 0.00
GREENIDGE___4 23583	33.17 0.30 0.00	30.61 0.36 0.00	30.66 0.36 0.00	29.42 0.26 0.00	30.57 0.24 0.00	35.97 0.50 0.00	52.40 0.37 0.00	72.95 -0.29 -0.08	52.25 -0.10 -0.03	39.18 0.27 0.00	35.18 0.14 0.00	32.41 0.06 -0.07	34.28 0.10 -0.02	30.19 0.21 -0.29	34.91 -0.07 0.00	38.10 0.00 -0.01	46.51 -0.80 -0.02	65.30 -0.20 -0.01	76.12 0.38 0.65	71.39 0.43 0.21	55.35 0.39 -0.02	46.19 0.36 0.00	39.05 0.16 0.00	36.05 0.07 0.00
GREENLWN_69_KV_BK 3 55738	35.51 1.22 -1.42	32.52 0.94 -1.34	32.60 0.88 -1.42	31.14 0.87 -1.10	32.64 0.91 -1.40	37.53 1.10 -0.95	43.14 1.40 10.30	45.06 3.29 31.40	43.25 3.24 12.32	42.11 2.33 -0.88	40.36 2.59 -2.73	39.86 2.71 -4.88	40.17 2.53 -3.48	40.21 2.35 -8.18	40.23 2.41 -2.84	40.62 2.32 -0.21	40.49 2.65 9.45	45.52 3.86 23.82	58.76 4.43 22.05	58.83 3.42 15.76	47.13 2.25 10.06	40.71 1.24 6.35	39.26 0.89 0.52	38.30 1.12 -1.20
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.53 3.49 -0.01	80.96 4.68 -3.11	57.50 3.87 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.29 2.94 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.63 2.62 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.52 4.58 -2.45	83.89 5.35 -2.16	77.32 4.55 -1.59	59.32 3.35 -1.02	48.80 2.98 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20
GRISSOM___SOLAR 323813	34.32 1.45 0.00	31.58 1.33 0.00	31.69 1.39 0.00	30.53 1.37 0.00	31.79 1.46 0.00	37.21 1.74 0.00	55.21 3.17 0.00	77.64 4.54 0.07	54.18 1.88 0.03	39.17 0.27 0.00	34.72 -0.32 0.00	31.54 -0.55 0.18	33.03 -0.78 0.35	28.93 -0.48 0.28	34.02 -0.49 0.47	37.66 -0.04 0.40	48.19 0.90 0.00	68.35 2.88 0.01	81.36 4.27 -0.71	74.88 3.77 0.06	57.96 3.02 0.00	48.20 2.38 0.00	40.76 1.87 0.00	37.60 1.73 0.11
GROVEVILLE___HYD 323602	35.08 2.20 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.68 2.20 0.00	55.78 3.75 0.00	79.04 5.78 -0.09	56.76 4.40 -0.04	41.71 2.80 0.00	37.45 2.42 0.00	35.23 2.19 -0.77	37.87 2.36 -1.35	33.40 2.32 -1.40	39.29 2.52 -1.79	42.37 2.78 -1.50	50.87 3.55 -0.03	70.78 5.24 -0.05	82.52 6.26 0.13	76.91 5.76 0.02	59.20 4.23 -0.03	48.89 3.07 0.00	41.03 2.14 0.00	38.13 2.01 -0.14
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.71 -0.16 0.00	30.10 -0.15 0.00	30.15 -0.15 0.00	28.98 -0.17 0.00	30.15 -0.18 0.00	35.33 -0.14 0.00	51.93 -0.10 0.00	73.97 -0.44 -1.24	52.17 -0.16 0.00	38.83 -0.08 0.00	34.93 -0.11 0.00	32.18 -0.13 -0.04	34.10 -0.07 -0.01	29.81 -0.03 -0.15	34.84 -0.14 0.00	37.98 -0.11 0.00	46.87 -0.43 0.00	64.74 -0.72 0.03	75.86 -0.61 -0.10	70.68 -0.50 -0.01	54.61 -0.33 0.00	45.55 -0.27 0.00	38.58 -0.31 0.00	35.62 -0.36 0.00
HAMLTNNY_34_KV_TB 80303	32.78 -0.10 0.00	30.16 -0.09 0.00	30.24 -0.06 0.00	29.07 -0.09 0.00	30.21 -0.12 0.00	35.41 -0.07 0.00	52.04 0.00 0.00	74.02 -0.37 -1.22	52.22 -0.10 0.00	38.94 0.04 0.00	35.03 0.00 0.00	32.28 -0.03 -0.04	34.17 0.00 -0.01	29.94 0.09 -0.16	34.91 -0.07 0.00	38.05 -0.04 0.00	46.92 -0.38 0.00	64.74 -0.72 0.03	75.99 -0.46 -0.07	70.81 -0.36 0.00	54.72 -0.22 0.00	45.69 -0.14 0.00	38.66 -0.23 0.00	35.69 -0.29 0.00

HAMPSHIRE___PAPER_HYD 323593	32.98 0.10 0.00	30.31 0.06 0.00	30.45 0.15 0.00	29.22 0.06 0.00	30.49 0.15 0.00	35.69 0.21 0.00	52.82 0.78 0.00	75.00 1.32 -0.51	52.90 0.58 0.00	39.14 0.23 0.00	35.21 0.18 0.00	32.27 0.00 0.00	34.23 0.07 0.00	29.72 0.03 0.00	35.15 0.18 0.00	38.40 0.30 0.00	47.58 0.29 0.00	65.81 0.33 0.00	77.06 0.46 -0.22	71.95 0.71 -0.07	55.65 0.71 0.00	46.69 0.87 0.00	39.63 0.74 0.00	36.70 0.72 0.00
HARDSCRABBLE_WT_PWR 323673	33.31 0.43 0.00	30.67 0.42 0.00	30.78 0.48 0.00	29.65 0.50 0.00	30.94 0.61 0.00	36.29 0.82 0.00	53.44 1.41 0.00	75.58 2.41 0.00	52.80 0.47 0.00	39.25 0.35 0.00	35.35 0.31 0.00	32.52 0.26 0.00	34.37 0.21 0.00	29.89 0.21 0.00	35.12 0.14 0.00	38.28 0.19 0.00	48.71 1.42 0.00	67.38 1.90 0.01	78.63 2.37 0.12	73.34 2.21 0.04	56.65 1.71 0.00	47.25 1.42 0.00	40.06 1.17 0.00	37.09 1.12 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.92 2.04 0.00	32.00 1.75 0.00	32.00 1.70 0.00	30.79 1.63 0.00	32.06 1.73 0.00	37.53 2.06 0.00	55.42 3.38 0.00	79.92 5.34 -1.41	57.05 4.13 -0.59	41.73 2.76 -0.07	37.57 2.52 -0.01	36.31 2.32 -1.72	37.95 2.39 -1.40	37.44 2.37 -5.38	39.07 2.52 -1.57	42.20 2.70 -1.41	51.08 3.36 -0.42	71.48 4.98 -1.01	82.96 5.80 -0.77	77.00 5.20 -0.63	59.22 3.85 -0.44	48.57 2.75 0.00	41.11 2.22 0.00	38.24 2.09 -0.17
HARSNRAD_115KV_TB1 81005	32.71 -0.16 0.00	30.43 0.18 0.00	30.42 0.12 0.00	29.22 0.06 0.00	30.09 -0.24 0.00	34.94 -0.53 0.00	49.75 -2.29 0.00	67.24 -5.93 0.00	49.82 -2.51 0.00	39.10 0.19 0.00	35.28 0.25 0.00	32.64 0.32 -0.05	34.28 0.10 -0.01	30.27 0.39 -0.20	34.80 -0.17 0.00	37.52 -0.57 0.00	44.46 -2.84 0.00	59.48 -5.96 0.05	69.64 -5.96 0.79	65.70 -5.20 0.28	50.98 -3.96 0.00	43.81 -2.02 0.00	37.33 -1.56 0.00	34.65 -1.33 0.00
HARZA MOOSE___RIVER 24016	33.21 0.33 0.00	30.52 0.27 0.00	30.60 0.30 0.00	29.39 0.23 0.00	30.67 0.33 0.00	35.94 0.46 0.00	53.28 1.25 0.00	75.64 2.12 -0.35	53.58 1.26 0.00	39.64 0.74 0.00	35.56 0.53 0.00	32.52 0.26 0.00	34.40 0.24 0.00	29.92 0.24 0.00	35.29 0.31 0.00	38.59 0.50 0.00	47.91 0.61 0.00	66.46 0.98 0.01	77.80 1.45 0.03	72.65 1.49 0.02	56.15 1.21 0.00	46.83 1.01 0.00	39.63 0.74 0.00	36.70 0.72 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.52 -0.36 0.00	29.94 -0.30 0.00	29.97 -0.33 0.00	28.84 -0.32 0.00	29.97 -0.36 0.00	35.12 -0.35 0.00	51.57 -0.47 0.00	72.22 -0.95 0.00	51.86 -0.47 0.00	38.63 -0.27 0.00	34.79 -0.25 0.00	32.04 -0.26 -0.04	33.93 -0.24 -0.01	29.68 -0.15 -0.14	34.66 -0.31 0.00	37.79 -0.30 0.00	46.59 -0.71 0.00	64.32 -1.11 0.06	74.44 -1.07 0.87	69.87 -1.00 0.31	54.23 -0.71 0.00	45.27 -0.55 0.00	38.35 -0.54 0.00	35.40 -0.58 0.00
HELLGATE_13_KV_LD 55870	35.42 2.53 -0.01	32.43 2.18 -0.01	32.43 2.12 -0.01	31.21 2.04 -0.01	32.46 2.12 -0.01	38.00 2.52 0.00	55.74 3.69 -0.01	81.90 5.41 -3.31	58.11 4.40 -1.39	42.29 3.23 -0.15	38.28 3.22 -0.02	37.42 3.07 -2.08	39.01 3.07 -1.77	39.03 2.88 -6.47	40.02 3.01 -2.03	43.17 3.16 -1.92	51.89 3.59 -1.00	73.13 5.24 -2.40	84.61 6.11 -2.12	78.10 5.34 -1.59	59.92 3.96 -1.02	48.99 3.16 0.00	41.62 2.72 -0.01	38.73 2.55 -0.20
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.42 2.53 -0.01	32.43 2.18 -0.01	32.43 2.12 -0.01	31.21 2.04 -0.01	32.46 2.12 -0.01	38.00 2.52 0.00	55.74 3.69 -0.01	81.90 5.41 -3.31	58.11 4.40 -1.39	42.29 3.23 -0.15	38.28 3.22 -0.02	37.42 3.07 -2.08	39.01 3.07 -1.77	39.03 2.88 -6.47	40.02 3.01 -2.03	43.17 3.16 -1.92	51.89 3.59 -1.00	73.13 5.24 -2.40	84.61 6.11 -2.12	78.10 5.34 -1.59	59.92 3.96 -1.02	48.99 3.16 0.00	41.62 2.72 -0.01	38.73 2.55 -0.20
HEMPSTEAD___ 23647	34.42 1.55 0.00	31.48 1.24 0.00	31.51 1.21 0.00	30.32 1.17 0.00	31.54 1.21 0.00	36.89 1.42 0.00	49.05 2.24 5.22	61.22 4.17 16.12	49.17 3.56 6.72	40.86 2.68 0.73	37.74 2.80 0.10	37.13 2.81 -2.06	38.09 2.77 -1.16	38.13 2.55 -5.89	38.67 2.69 -1.00	40.51 2.70 0.29	45.58 3.12 4.84	58.25 4.51 11.75	70.45 5.34 11.27	67.48 4.41 8.10	53.05 3.07 4.96	44.65 1.92 3.10	40.18 1.56 0.27	37.65 1.48 -0.20
HICKLING___1 23621	33.27 0.39 0.00	30.73 0.48 0.00	30.78 0.48 0.00	29.51 0.35 0.00	30.67 0.33 0.00	35.94 0.46 0.00	52.61 0.57 0.00	72.97 -0.29 -0.10	52.32 -0.05 -0.04	39.18 0.27 0.00	35.28 0.25 0.00	32.52 0.13 -0.13	34.43 0.14 -0.13	30.35 0.30 -0.37	35.06 -0.07 -0.15	38.15 -0.08 -0.13	46.66 -0.66 -0.03	64.85 -0.65 -0.02	75.50 -0.23 0.65	70.75 -0.21 0.20	54.92 -0.05 -0.03	45.87 0.05 0.00	38.85 -0.04 0.00	35.94 -0.04 0.00
HICKLING___2 23622	33.27 0.39 0.00	30.73 0.48 0.00	30.78 0.48 0.00	29.51 0.35 0.00	30.67 0.33 0.00	35.94 0.46 0.00	52.61 0.57 0.00	72.97 -0.29 -0.10	52.32 -0.05 -0.04	39.18 0.27 0.00	35.28 0.25 0.00	32.52 0.13 -0.13	34.43 0.14 -0.13	30.35 0.30 -0.37	35.06 -0.07 -0.15	38.15 -0.08 -0.13	46.66 -0.66 -0.03	64.85 -0.65 -0.02	75.50 -0.23 0.65	70.75 -0.21 0.20	54.92 -0.05 -0.03	45.87 0.05 0.00	38.85 -0.04 0.00	35.94 -0.04 0.00
HIGH FALLS___HY 23754	35.15 2.27 0.00	32.18 1.94 0.00	32.24 1.94 0.00	31.02 1.87 0.00	32.30 1.97 0.00	37.78 2.31 0.00	55.99 3.95 0.00	79.54 6.15 -0.22	57.08 4.66 -0.09	41.91 3.00 -0.01	37.63 2.59 0.00	35.28 2.39 -0.63	37.58 2.49 -0.92	33.55 2.49 -1.37	38.87 2.69 -1.19	42.07 2.97 -1.01	51.24 3.88 -0.07	71.33 5.70 -0.15	83.07 6.72 0.04	77.55 6.33 -0.04	59.62 4.61 -0.07	49.12 3.30 0.00	41.38 2.49 0.00	38.38 2.30 -0.10
HIGH_RIVER___SOLAR 323847	34.20 1.32 0.00	31.46 1.21 0.00	31.54 1.24 0.00	30.38 1.22 0.00	31.64 1.30 0.00	37.04 1.56 0.00	54.84 2.81 0.00	77.04 3.95 0.07	53.81 1.52 0.03	39.21 0.31 0.00	35.03 0.00 0.00	31.92 -0.16 0.19	33.49 -0.31 0.36	29.30 -0.09 0.30	34.35 -0.14 0.49	37.83 0.15 0.41	47.98 0.71 0.02	67.91 2.49 0.06	80.95 3.89 -0.68	74.49 3.42 0.10	57.61 2.69 0.02	47.98 2.15 0.00	40.56 1.67 0.00	37.41 1.55 0.11
HILLBURN___GT 23639	34.88 2.01 0.00	31.97 1.72 0.00	31.97 1.67 0.00	30.76 1.60 0.00	32.03 1.70 0.00	37.46 1.99 0.00	55.27 3.23 0.00	79.93 5.27 -1.49	56.98 4.03 -0.62	41.81 2.84 -0.07	37.68 2.63 -0.01	36.53 2.45 -1.81	38.14 2.53 -1.45	37.80 2.43 -5.68	39.18 2.59 -1.62	42.29 2.74 -1.45	51.00 3.26 -0.45	71.27 4.72 -1.07	82.79 5.57 -0.83	76.75 4.91 -0.67	59.08 3.68 -0.46	48.39 2.56 0.00	41.03 2.14 0.00	38.18 2.01 -0.18
HILLSIDE_115KV_TB1 80332	32.94 0.07 0.00	30.43 0.18 0.00	30.48 0.18 0.00	29.22 0.06 0.00	30.36 0.03 0.00	35.55 0.07 0.00	51.93 -0.10 0.00	72.02 -1.24 -0.10	51.79 -0.58 -0.04	38.91 0.00 0.00	35.07 0.04 0.00	32.37 -0.03 -0.13	34.23 -0.07 -0.13	30.18 0.12 -0.38	34.86 -0.28 -0.16	37.89 -0.34 -0.14	46.24 -1.09 -0.03	64.07 -1.44 -0.03	74.44 -1.30 0.64	69.76 -1.21 0.20	54.15 -0.82 -0.03	45.23 -0.60 0.00	38.38 -0.51 0.00	35.58 -0.40 0.00

HISHELDN_WT_PWR 323625	32.85 -0.03 0.00	30.52 0.27 0.00	30.54 0.24 0.00	29.16 0.00 0.00	30.21 -0.12 0.00	35.27 -0.21 0.00	50.11 -1.92 0.00	67.76 -5.41 0.00	50.55 -1.78 0.00	39.10 0.20 0.00	35.35 0.31 0.00	32.64 0.32 -0.05	34.21 0.03 -0.01	30.28 0.38 -0.21	34.66 -0.32 0.00	37.41 -0.68 0.00	44.55 -2.74 0.00	60.39 -5.04 0.05	70.25 -5.35 0.78	66.19 -4.70 0.28	51.37 -3.57 0.00	43.99 -1.83 0.00	37.53 -1.36 0.00	34.86 -1.12 0.00
HOLTSVILLE_IC_1 23690	22.34 1.02 11.56	20.06 0.76 10.94	19.40 0.70 11.60	20.85 0.70 9.01	19.61 0.73 11.45	28.55 0.85 7.78	38.94 1.25 14.34	32.39 3.00 43.78	30.15 2.72 24.90	20.30 2.14 20.74	13.35 2.38 24.07	13.75 2.48 21.00	13.89 2.32 22.60	14.60 2.17 17.25	15.03 2.20 22.16	18.52 2.09 21.67	36.51 2.36 13.15	44.16 3.40 24.72	49.85 4.05 30.57	52.22 2.99 21.94	46.48 1.97 10.44	40.29 1.05 6.59	38.95 0.74 0.68	28.87 0.86 7.97
HOLTSVILLE_IC_10 23699	22.87 1.12 11.12	20.56 0.85 10.53	19.93 0.79 11.16	21.28 0.79 8.67	20.13 0.82 11.02	28.95 0.96 7.48	39.37 1.41 14.07	33.42 3.22 42.97	30.95 2.93 24.31	21.16 2.26 20.00	14.36 2.49 23.17	14.72 2.58 20.13	14.88 2.43 21.71	15.59 2.29 16.39	15.92 2.24 21.30	19.34 2.13 20.89	36.84 2.46 12.91	44.75 3.66 24.40	50.73 4.35 30.01	52.98 3.35 21.53	46.84 2.20 10.30	40.56 1.24 6.50	39.08 0.85 0.67	29.29 0.97 7.66
HOLTSVILLE_IC_2 23691	22.34 1.02 11.56	20.06 0.76 10.94	19.40 0.70 11.60	20.85 0.70 9.01	19.61 0.73 11.45	28.55 0.85 7.78	38.94 1.25 14.34	32.39 3.00 43.78	30.15 2.72 24.90	20.30 2.14 20.74	13.35 2.38 24.07	13.75 2.48 21.00	13.89 2.32 22.60	14.60 2.17 17.25	15.03 2.20 22.16	18.52 2.09 21.67	36.51 2.36 13.15	44.16 3.40 24.72	49.85 4.05 30.57	52.22 2.99 21.94	46.48 1.97 10.44	40.29 1.05 6.59	38.95 0.74 0.68	28.87 0.86 7.97
HOLTSVILLE_IC_3 23692	22.34 1.02 11.56	20.06 0.76 10.94	19.40 0.70 11.60	20.85 0.70 9.01	19.61 0.73 11.45	28.55 0.85 7.78	38.94 1.25 14.34	32.39 3.00 43.78	30.15 2.72 24.90	20.30 2.14 20.74	13.35 2.38 24.07	13.75 2.48 21.00	13.89 2.32 22.60	14.60 2.17 17.25	15.03 2.20 22.16	18.52 2.09 21.67	36.51 2.36 13.15	44.16 3.40 24.72	49.85 4.05 30.57	52.22 2.99 21.94	46.48 1.97 10.44	40.29 1.05 6.59	38.95 0.74 0.68	28.87 0.86 7.97
HOLTSVILLE_IC_4 23693	22.34 1.02 11.56	20.06 0.76 10.94	19.40 0.70 11.60	20.85 0.70 9.01	19.61 0.73 11.45	28.55 0.85 7.78	38.94 1.25 14.34	32.39 3.00 43.78	30.15 2.72 24.90	20.30 2.14 20.74	13.35 2.38 24.07	13.75 2.48 21.00	13.89 2.32 22.60	14.60 2.17 17.25	15.03 2.20 22.16	18.52 2.09 21.67	36.51 2.36 13.15	44.16 3.40 24.72	49.85 4.05 30.57	52.22 2.99 21.94	46.48 1.97 10.44	40.29 1.05 6.59	38.95 0.74 0.68	28.87 0.86 7.97
HOLTSVILLE_IC_5 23694	22.34 1.02 11.56	20.06 0.76 10.94	19.40 0.70 11.60	20.85 0.70 9.01	19.61 0.73 11.45	28.55 0.85 7.78	38.94 1.25 14.34	32.39 3.00 43.78	30.15 2.72 24.90	20.30 2.14 20.74	13.35 2.38 24.07	13.75 2.48 21.00	13.89 2.32 22.60	14.60 2.17 17.25	15.03 2.20 22.16	18.52 2.09 21.67	36.51 2.36 13.15	44.16 3.40 24.72	49.85 4.05 30.57	52.22 2.99 21.94	46.48 1.97 10.44	40.29 1.05 6.59	38.95 0.74 0.68	28.87 0.86 7.97
HOLTSVILLE_IC_6 23695	22.87 1.12 11.12	20.56 0.85 10.53	19.93 0.79 11.16	21.28 0.79 8.67	20.13 0.82 11.02	28.95 0.96 7.48	39.37 1.41 14.07	33.42 3.22 42.97	30.95 2.93 24.31	21.16 2.26 20.00	14.36 2.49 23.17	14.72 2.58 20.13	14.88 2.43 21.71	15.59 2.29 16.39	15.92 2.24 21.30	19.34 2.13 20.89	36.84 2.46 12.91	44.75 3.66 24.40	50.73 4.35 30.01	52.98 3.35 21.53	46.84 2.20 10.30	40.56 1.24 6.50	39.08 0.85 0.67	29.29 0.97 7.66
HOLTSVILLE_IC_7 23696	22.87 1.12 11.12	20.56 0.85 10.53	19.93 0.79 11.16	21.28 0.79 8.67	20.13 0.82 11.02	28.95 0.96 7.48	39.37 1.41 14.07	33.42 3.22 42.97	30.95 2.93 24.31	21.16 2.26 20.00	14.36 2.49 23.17	14.72 2.58 20.13	14.88 2.43 21.71	15.59 2.29 16.39	15.92 2.24 21.30	19.34 2.13 20.89	36.84 2.46 12.91	44.75 3.66 24.40	50.73 4.35 30.01	52.98 3.35 21.53	46.84 2.20 10.30	40.56 1.24 6.50	39.08 0.85 0.67	29.29 0.97 7.66
HOLTSVILLE_IC_8 23697	22.87 1.12 11.12	20.56 0.85 10.53	19.93 0.79 11.16	21.28 0.79 8.67	20.13 0.82 11.02	28.95 0.96 7.48	39.37 1.41 14.07	33.42 3.22 42.97	30.95 2.93 24.31	21.16 2.26 20.00	14.36 2.49 23.17	14.72 2.58 20.13	14.88 2.43 21.71	15.59 2.29 16.39	15.92 2.24 21.30	19.34 2.13 20.89	36.84 2.46 12.91	44.75 3.66 24.40	50.73 4.35 30.01	52.98 3.35 21.53	46.84 2.20 10.30	40.56 1.24 6.50	39.08 0.85 0.67	29.29 0.97 7.66
HOLTSVILLE_IC_9 23698	22.87 1.12 11.12	20.56 0.85 10.53	19.93 0.79 11.16	21.28 0.79 8.67	20.13 0.82 11.02	28.95 0.96 7.48	39.37 1.41 14.07	33.42 3.22 42.97	30.95 2.93 24.31	21.16 2.26 20.00	14.36 2.49 23.17	14.72 2.58 20.13	14.88 2.43 21.71	15.59 2.29 16.39	15.92 2.24 21.30	19.34 2.13 20.89	36.84 2.46 12.91	44.75 3.66 24.40	50.73 4.35 30.01	52.98 3.35 21.53	46.84 2.20 10.30	40.56 1.24 6.50	39.08 0.85 0.67	29.29 0.97 7.66
HOMER_HL_115KV_TB2 355744	32.75 -0.13 0.00	30.37 0.12 0.00	30.39 0.09 0.00	29.10 -0.06 0.00	30.15 -0.18 0.00	35.16 -0.32 0.00	50.94 -1.09 0.00	69.58 -3.59 0.00	50.81 -1.52 0.00	39.02 0.12 0.00	35.28 0.25 0.00	32.49 0.16 -0.06	34.14 -0.03 -0.01	30.26 0.33 -0.25	34.66 -0.31 0.00	37.44 -0.65 0.00	45.21 -2.08 0.00	61.70 -3.73 0.05	71.87 -3.74 0.77	67.55 -3.35 0.27	52.41 -2.53 0.00	44.27 -1.56 0.00	37.72 -1.17 0.00	35.04 -0.94 0.00
HOWARD_WT_PWR 323690	32.88 0.00 0.00	30.40 0.15 0.00	30.48 0.18 0.00	29.22 0.06 0.00	30.33 0.00 0.00	35.73 0.25 0.00	52.35 0.31 0.00	72.52 -0.73 -0.09	51.32 -1.05 -0.04	37.86 -1.05 0.00	34.02 -1.02 0.00	31.25 -1.10 -0.08	33.06 -1.13 -0.02	29.09 -0.92 -0.33	33.44 -1.54 0.00	36.62 -1.49 -0.01	45.24 -2.08 -0.03	64.25 -1.25 -0.02	75.34 -0.38 0.66	70.68 -0.28 0.21	54.86 -0.11 -0.03	45.64 -0.18 0.00	38.54 -0.35 0.00	35.51 -0.47 0.00
HQ_GEN_CEDARS 23644	32.81 -0.07 0.00	30.16 -0.09 0.00	30.30 0.00 0.00	29.13 -0.03 0.00	30.30 -0.03 0.00	35.44 -0.04 0.00	52.09 0.05 0.00	73.17 0.00 0.00	52.17 -0.16 0.00	38.79 -0.12 0.00	34.93 -0.11 0.00	32.17 -0.10 0.00	34.26 0.10 0.00	29.66 -0.03 0.00	35.15 0.17 0.00	38.28 0.19 0.00	47.77 0.47 0.00	66.01 0.52 0.00	76.53 0.15 0.00	71.53 0.36 0.00	55.22 0.27 0.00	46.14 0.32 0.00	39.32 0.43 0.00	36.44 0.47 0.00
HQ_GEN_CEDARS_PROXY 323590	32.81 -0.07 0.00	30.16 -0.09 0.00	30.30 0.00 0.00	29.13 -0.03 0.00	30.30 -0.03 0.00	35.44 -0.04 0.00	52.09 0.05 0.00	73.17 0.00 0.00	52.17 -0.16 0.00	38.79 -0.12 0.00	34.93 -0.10 0.00	32.17 -0.10 0.00	34.23 0.07 0.00	29.66 -0.03 0.00	35.15 0.18 0.00	38.28 0.19 0.00	47.77 0.47 0.00	66.01 0.52 0.00	76.53 0.15 0.00	71.53 0.36 0.00	55.22 0.28 0.00	46.15 0.32 0.00	39.32 0.43 0.00	36.44 0.47 0.00

HQ_GEN_IMPORT 323601	32.72 -0.16 0.00	30.10 -0.15 0.00	30.18 -0.12 0.00	29.04 -0.12 0.00	30.21 -0.12 0.00	35.34 -0.14 0.00	51.83 -0.21 0.00	72.88 -0.29 0.00	51.96 -0.36 0.00	38.63 -0.27 0.00	34.83 -0.21 0.00	32.07 -0.19 0.00	34.03 -0.14 0.00	29.45 -0.24 0.00	34.91 -0.07 0.00	38.02 -0.08 0.00	47.44 0.14 0.00	65.62 0.13 0.00	76.30 -0.08 0.00	71.17 0.00 0.00	54.94 0.00 0.00	45.82 0.00 0.00	39.01 0.12 0.00	36.09 0.11 0.00
HQ_GEN_WHEEL 23651	32.72 -0.16 0.00	30.10 -0.15 0.00	30.18 -0.12 0.00	29.04 -0.12 0.00	30.21 -0.12 0.00	35.34 -0.14 0.00	51.83 -0.21 0.00	72.88 -0.29 0.00	51.96 -0.36 0.00	38.63 -0.27 0.00	34.83 -0.21 0.00	32.07 -0.19 0.00	34.03 -0.14 0.00	29.45 -0.24 0.00	34.91 -0.07 0.00	38.02 -0.08 0.00	47.44 0.14 0.00	65.62 0.13 0.00	76.30 -0.08 0.00	71.17 0.00 0.00	54.94 0.00 0.00	45.82 0.00 0.00	39.01 0.12 0.00	36.09 0.11 0.00
HUDSON AVE_GT_3 23810	35.15 2.27 0.00	32.18 1.94 0.00	32.21 1.91 0.00	31.00 1.84 0.00	32.24 1.91 0.00	37.75 2.27 0.00	55.53 3.49 -0.01	81.99 5.71 -3.11	58.18 4.55 -1.30	42.28 3.23 -0.14	38.14 3.08 -0.02	37.25 2.90 -2.08	38.86 2.94 -1.76	38.91 2.76 -6.47	39.93 2.94 -2.02	43.07 3.09 -1.89	51.87 3.64 -0.94	73.11 5.37 -2.26	84.62 6.26 -1.98	78.14 5.48 -1.49	59.97 4.07 -0.96	48.76 2.93 0.00	41.34 2.45 0.00	38.45 2.27 -0.20
HUDSON AVE_GT_4 23540	35.15 2.27 0.00	32.18 1.94 0.00	32.21 1.91 0.00	31.00 1.84 0.00	32.24 1.91 0.00	37.75 2.27 0.00	55.53 3.49 -0.01	81.99 5.71 -3.11	58.18 4.55 -1.30	42.28 3.23 -0.14	38.14 3.08 -0.02	37.25 2.90 -2.08	38.86 2.94 -1.76	38.91 2.76 -6.47	39.93 2.94 -2.02	43.07 3.09 -1.89	51.87 3.64 -0.94	73.11 5.37 -2.26	84.62 6.26 -1.98	78.14 5.48 -1.49	59.97 4.07 -0.96	48.76 2.93 0.00	41.34 2.45 0.00	38.45 2.27 -0.20
HUDSON AVE_GT_5 23657	35.15 2.27 0.00	32.18 1.94 0.00	32.21 1.91 0.00	31.00 1.84 0.00	32.24 1.91 0.00	37.75 2.27 0.00	55.53 3.49 -0.01	81.99 5.71 -3.11	58.18 4.55 -1.30	42.28 3.23 -0.14	38.14 3.08 -0.02	37.25 2.90 -2.08	38.86 2.94 -1.76	38.91 2.76 -6.47	39.93 2.94 -2.02	43.07 3.09 -1.89	51.87 3.64 -0.94	73.11 5.37 -2.26	84.62 6.26 -1.98	78.14 5.48 -1.49	59.97 4.07 -0.96	48.76 2.93 0.00	41.34 2.45 0.00	38.45 2.27 -0.20
HUDSON_AVE_10 24168	35.15 2.27 0.00	32.18 1.94 0.00	32.21 1.91 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.75 2.27 0.00	55.53 3.49 -0.01	82.32 5.85 -3.30	58.30 4.60 -1.37	42.32 3.27 -0.14	38.14 3.08 -0.02	37.25 2.90 -2.08	38.86 2.94 -1.76	38.91 2.76 -6.47	39.97 2.97 -2.02	43.16 3.16 -1.90	52.01 3.74 -0.98	73.37 5.50 -2.39	84.90 6.42 -2.10	78.37 5.62 -1.57	60.12 4.18 -1.01	48.80 2.98 0.00	41.34 2.45 0.00	38.48 2.30 -0.20
HUDSON___115KV_TB 4 355613	34.16 1.28 0.00	31.43 1.18 0.00	31.36 1.06 0.00	30.27 1.11 0.00	32.18 1.85 0.00	37.61 2.13 0.00	55.89 3.85 0.00	77.93 4.76 0.00	55.15 2.83 0.00	40.46 1.56 0.00	36.05 1.02 0.00	33.00 0.77 0.04	35.21 1.06 0.01	30.21 0.68 0.15	36.31 1.33 0.00	39.73 1.64 0.00	48.38 1.09 0.00	67.64 2.16 0.01	79.05 2.83 0.16	73.75 2.63 0.05	56.86 1.92 0.00	47.43 1.60 0.00	40.13 1.24 0.00	37.25 1.37 0.10
HUNTER MOUNT___DRP 323613	34.19 1.32 0.00	31.49 1.24 0.00	31.39 1.09 0.00	30.30 1.14 0.00	31.97 1.64 0.00	37.36 1.88 0.00	55.52 3.49 0.00	77.27 4.10 0.00	54.73 2.41 0.00	40.19 1.28 0.00	35.84 0.81 0.00	32.85 0.58 0.00	35.12 0.96 0.00	30.19 0.50 0.00	36.20 1.22 0.00	39.58 1.49 0.00	48.34 1.04 0.00	67.57 2.10 0.01	79.05 2.83 0.16	73.82 2.70 0.06	56.86 1.92 0.00	47.52 1.70 0.00	40.21 1.32 0.00	37.46 1.55 0.06
HUNTINGTON_RES_REC 323705	13.04 1.15 20.99	11.22 0.85 19.87	10.06 0.82 21.05	13.60 0.79 16.35	10.39 0.85 20.79	22.32 0.96 14.12	36.67 1.41 16.77	25.14 3.22 51.24	21.86 2.93 33.40	4.78 2.26 36.38	-6.02 2.49 43.54	-4.96 2.58 39.81	-4.89 2.46 41.51	-3.72 2.29 35.69	-2.96 2.31 40.24	2.95 2.25 37.39	34.51 2.60 15.38	44.90 3.66 24.25	45.03 4.43 35.78	48.85 3.35 25.67	46.95 2.25 10.24	40.55 1.19 6.46	38.98 0.85 0.77	22.35 1.01 14.63
HUNTLEY___63 23557	33.08 0.20 0.00	30.73 0.48 0.00	30.72 0.42 0.00	29.30 0.15 0.00	30.42 0.09 0.00	35.26 -0.21 0.00	50.16 -1.87 0.00	67.76 -5.41 0.00	50.23 -2.09 0.00	39.41 0.51 0.00	35.56 0.53 0.00	32.87 0.55 -0.05	34.55 0.38 -0.01	30.55 0.65 -0.21	35.05 0.07 0.00	37.83 -0.27 0.00	44.93 -2.36 0.00	60.13 -5.30 0.05	70.40 -5.19 0.79	66.34 -4.55 0.28	51.48 -3.46 0.00	44.22 -1.60 0.00	37.72 -1.17 0.00	35.01 -0.97 0.00
HUNTLEY___64 23558	33.08 0.20 0.00	30.73 0.48 0.00	30.72 0.42 0.00	29.30 0.15 0.00	30.42 0.09 0.00	35.26 -0.21 0.00	50.16 -1.87 0.00	67.76 -5.41 0.00	50.23 -2.09 0.00	39.41 0.51 0.00	35.56 0.53 0.00	32.87 0.55 -0.05	34.55 0.38 -0.01	30.55 0.65 -0.21	35.05 0.07 0.00	37.83 -0.27 0.00	44.93 -2.36 0.00	60.13 -5.30 0.05	70.40 -5.19 0.79	66.34 -4.55 0.28	51.48 -3.46 0.00	44.22 -1.60 0.00	37.72 -1.17 0.00	35.01 -0.97 0.00
HUNTLEY___65 23559	33.08 0.20 0.00	30.73 0.48 0.00	30.72 0.42 0.00	29.30 0.15 0.00	30.42 0.09 0.00	35.26 -0.21 0.00	50.16 -1.87 0.00	67.76 -5.41 0.00	50.23 -2.09 0.00	39.41 0.51 0.00	35.56 0.53 0.00	32.87 0.55 -0.05	34.55 0.38 -0.01	30.55 0.65 -0.21	35.05 0.07 0.00	37.83 -0.27 0.00	44.93 -2.36 0.00	60.13 -5.30 0.05	70.40 -5.19 0.79	66.34 -4.55 0.28	51.48 -3.46 0.00	44.22 -1.60 0.00	37.72 -1.17 0.00	35.01 -0.97 0.00
HUNTLEY___66 23560	33.08 0.20 0.00	30.73 0.48 0.00	30.72 0.42 0.00	29.30 0.15 0.00	30.42 0.09 0.00	35.26 -0.21 0.00	50.16 -1.87 0.00	67.76 -5.41 0.00	50.23 -2.09 0.00	39.41 0.51 0.00	35.56 0.53 0.00	32.87 0.55 -0.05	34.55 0.38 -0.01	30.55 0.65 -0.21	35.05 0.07 0.00	37.83 -0.27 0.00	44.93 -2.36 0.00	60.13 -5.30 0.05	70.40 -5.19 0.79	66.34 -4.55 0.28	51.48 -3.46 0.00	44.22 -1.60 0.00	37.72 -1.17 0.00	35.01 -0.97 0.00
HUNTLEY___67 23561	32.78 -0.10 0.00	30.46 0.21 0.00	30.45 0.15 0.00	29.10 -0.06 0.00	30.15 -0.18 0.00	34.98 -0.50 0.00	49.90 -2.13 0.00	67.39 -5.78 0.00	49.82 -2.51 0.00	39.02 0.12 0.00	35.25 0.21 0.00	32.58 0.26 -0.05	34.24 0.07 -0.01	30.26 0.36 -0.21	34.73 -0.24 0.00	37.48 -0.61 0.00	44.65 -2.65 0.00	59.87 -5.57 0.05	70.02 -5.58 0.79	65.98 -4.91 0.28	51.26 -3.68 0.00	43.90 -1.92 0.00	37.45 -1.44 0.00	34.75 -1.22 0.00
HUNTLEY___68 23562	32.78 -0.10 0.00	30.46 0.21 0.00	30.45 0.15 0.00	29.10 -0.06 0.00	30.15 -0.18 0.00	34.98 -0.50 0.00	49.90 -2.13 0.00	67.39 -5.78 0.00	49.82 -2.51 0.00	39.02 0.12 0.00	35.25 0.21 0.00	32.58 0.26 -0.05	34.24 0.07 -0.01	30.26 0.36 -0.21	34.73 -0.24 0.00	37.48 -0.61 0.00	44.65 -2.65 0.00	59.87 -5.57 0.05	70.02 -5.58 0.79	65.98 -4.91 0.28	51.26 -3.68 0.00	43.90 -1.92 0.00	37.45 -1.44 0.00	34.75 -1.22 0.00



HYLAND___LFGE 323620	34.26 1.38 0.00	31.70 1.45 0.00	31.78 1.48 0.00	30.44 1.28 0.00	31.64 1.30 0.00	37.25 1.77 0.00	54.38 2.34 0.00	75.29 2.12 0.00	53.79 1.46 0.00	39.72 0.82 0.00	35.49 0.45 0.00	32.69 0.36 -0.07	34.42 0.24 -0.01	30.31 0.36 -0.26	35.12 0.14 0.00	38.55 0.46 0.00	47.29 0.00 0.00	66.23 0.79 0.05	78.15 2.52 0.75	73.83 2.92 0.26	57.25 2.31 0.00	48.02 2.20 0.00	40.41 1.52 0.00	37.20 1.22 0.00
INDECK___CORINTH 23802	33.96 1.08 0.00	31.24 1.00 0.00	31.30 1.00 0.00	30.18 1.02 0.00	31.36 1.03 0.00	36.51 1.03 0.00	54.06 2.03 0.00	76.21 3.14 0.11	54.06 1.78 0.04	39.68 0.78 0.00	35.56 0.53 0.00	32.41 0.42 0.27	33.88 0.24 0.52	29.68 0.42 0.42	34.66 0.39 0.70	37.96 0.46 0.59	48.21 0.95 0.03	67.43 2.03 0.09	80.53 3.06 -1.09	73.63 2.56 0.10	56.83 1.92 0.03	47.29 1.47 0.00	40.06 1.17 0.00	36.90 1.08 0.16
INDECK___ILION 23567	33.24 0.36 0.00	30.61 0.36 0.00	30.69 0.39 0.00	29.54 0.38 0.00	30.79 0.45 0.00	36.04 0.57 0.00	52.97 0.94 0.00	74.78 1.61 0.00	54.16 1.83 0.00	40.15 1.24 0.00	36.19 1.16 0.00	33.30 1.03 0.00	35.19 1.02 0.00	30.64 0.95 0.00	36.06 1.08 0.00	39.31 1.22 0.00	48.19 0.90 0.00	66.79 1.31 0.01	77.86 1.60 0.12	72.62 1.49 0.04	56.04 1.10 0.00	46.74 0.92 0.00	39.63 0.74 0.00	36.70 0.72 0.00
INDECK___OLEAN 23982	32.75 -0.13 0.00	30.37 0.12 0.00	30.42 0.12 0.00	29.07 -0.09 0.00	30.15 -0.18 0.00	35.27 -0.21 0.00	50.94 -1.10 0.00	69.59 -3.58 0.00	51.07 -1.26 0.00	39.02 0.12 0.00	35.28 0.25 0.00	32.49 0.16 -0.06	34.18 0.00 -0.01	30.29 0.36 -0.25	34.63 -0.35 0.00	37.44 -0.65 0.00	45.17 -2.13 0.00	61.96 -3.47 0.05	71.87 -3.74 0.77	67.55 -3.34 0.27	52.41 -2.53 0.00	44.27 -1.56 0.00	37.72 -1.17 0.00	35.08 -0.90 0.00
INDECK___OSWEGO 23783	32.19 -0.69 0.00	29.61 -0.64 0.00	29.66 -0.64 0.00	28.55 -0.61 0.00	29.67 -0.67 0.00	34.77 -0.71 0.00	51.00 -1.04 0.00	75.58 -1.61 -4.02	51.33 -1.00 0.00	38.20 -0.70 0.00	34.37 -0.67 0.00	31.62 -0.65 0.00	33.48 -0.68 0.00	29.15 -0.53 0.00	34.24 -0.74 0.00	37.29 -0.80 0.00	45.69 -1.61 0.00	63.17 -2.35 -0.04	76.28 -2.52 -2.42	69.59 -2.35 -0.77	53.18 -1.76 0.00	44.45 -1.37 0.00	37.96 -0.93 0.00	35.08 -0.90 0.00
INDECK___YERKES 23781	33.11 0.23 0.00	30.76 0.51 0.00	30.78 0.48 0.00	29.39 0.23 0.00	30.45 0.12 0.00	35.51 0.04 0.00	50.21 -1.82 0.00	67.83 -5.34 0.00	50.81 -1.52 0.00	39.45 0.54 0.00	35.67 0.63 0.00	32.93 0.61 -0.05	34.62 0.44 -0.01	30.64 0.74 -0.21	35.08 0.11 0.00	37.87 -0.23 0.00	44.98 -2.32 0.00	60.79 -4.65 0.05	70.48 -5.12 0.79	66.48 -4.41 0.28	51.53 -3.41 0.00	44.27 -1.56 0.00	37.76 -1.13 0.00	35.08 -0.90 0.00
INDIAN POINT_GT_1 24139	34.82 1.94 0.00	31.91 1.66 0.00	31.94 1.64 0.00	30.73 1.57 0.00	31.97 1.64 0.00	37.39 1.92 0.00	55.06 3.02 0.00	79.76 4.90 -1.69	56.96 3.92 -0.71	41.67 2.68 -0.08	37.57 2.52 -0.01	36.66 2.36 -2.04	38.16 2.43 -1.57	38.49 2.32 -6.49	39.16 2.45 -1.73	42.24 2.59 -1.56	50.88 3.07 -0.51	71.29 4.58 -1.22	82.71 5.35 -0.98	76.65 4.70 -0.78	58.98 3.52 -0.52	48.30 2.47 0.00	40.91 2.02 0.00	38.08 1.91 -0.20
INDIAN POINT_GT_2 23659	34.82 1.94 0.00	31.91 1.66 0.00	31.94 1.64 0.00	30.73 1.57 0.00	31.97 1.64 0.00	37.39 1.92 0.00	55.06 3.02 0.00	79.76 4.90 -1.69	56.96 3.92 -0.71	41.67 2.68 -0.08	37.57 2.52 -0.01	36.66 2.36 -2.04	38.16 2.43 -1.57	38.49 2.32 -6.49	39.16 2.45 -1.73	42.24 2.59 -1.56	50.88 3.07 -0.51	71.29 4.58 -1.22	82.71 5.35 -0.98	76.65 4.70 -0.78	58.98 3.52 -0.52	48.30 2.47 0.00	40.91 2.02 0.00	38.08 1.91 -0.20
INDIAN POINT_GT_3 24019	34.82 1.94 0.00	31.91 1.66 0.00	31.94 1.64 0.00	30.73 1.57 0.00	31.97 1.64 0.00	37.39 1.92 0.00	55.06 3.02 0.00	79.76 4.90 -1.69	56.96 3.92 -0.71	41.67 2.68 -0.08	37.57 2.52 -0.01	36.66 2.36 -2.04	38.16 2.43 -1.57	38.49 2.32 -6.49	39.16 2.45 -1.73	42.24 2.59 -1.56	50.88 3.07 -0.51	71.29 4.58 -1.22	82.71 5.35 -0.98	76.65 4.70 -0.78	58.98 3.52 -0.52	48.30 2.47 0.00	40.91 2.02 0.00	38.08 1.91 -0.20
INDIAN POINT___2 23530	34.82 1.94 0.00	31.91 1.66 0.00	31.90 1.60 0.00	30.70 1.54 0.00	31.97 1.64 0.00	37.36 1.88 0.00	55.06 3.02 0.00	79.92 4.98 -1.77	56.88 3.82 -0.74	41.71 2.72 -0.08	37.60 2.56 -0.01	36.60 2.39 -1.95	38.15 2.43 -1.57	38.15 2.34 -6.12	39.18 2.45 -1.76	42.27 2.59 -1.58	50.90 3.07 -0.53	71.27 4.51 -1.27	82.75 5.34 -1.03	76.68 4.70 -0.81	59.00 3.52 -0.54	48.30 2.47 0.00	40.91 2.02 0.00	38.08 1.91 -0.20
INDIAN POINT___3 23531	34.79 1.91 0.00	31.88 1.63 0.00	31.88 1.58 0.00	30.70 1.55 0.00	31.94 1.61 0.00	37.36 1.88 0.00	55.01 2.97 0.00	79.69 4.90 -1.61	56.87 3.87 -0.68	41.66 2.68 -0.08	37.57 2.52 -0.01	36.67 2.36 -2.05	38.10 2.39 -1.55	38.55 2.32 -6.55	39.09 2.41 -1.70	42.17 2.55 -1.52	50.81 3.03 -0.49	71.17 4.52 -1.17	82.58 4.63 -0.93	76.54 4.63 -0.74	58.90 3.46 -0.50	48.25 2.43 0.00	40.87 1.98 0.00	38.08 1.91 -0.20
INGHAM_C_115KV_TB7 356103	33.60 0.72 0.00	30.94 0.70 0.00	31.06 0.76 0.00	29.92 0.76 0.00	31.21 0.88 0.00	36.61 1.14 0.00	53.91 1.87 0.00	76.10 2.93 0.00	55.99 3.66 0.00	41.51 2.61 0.00	37.49 2.45 0.00	34.49 2.23 0.00	36.45 2.29 0.00	31.73 2.05 0.00	37.32 2.34 0.00	40.72 2.63 0.00	49.04 1.75 0.00	67.83 2.36 0.01	79.24 2.98 0.12	73.83 2.70 0.04	57.03 2.09 0.00	47.61 1.79 0.00	40.33 1.44 0.00	37.38 1.40 0.00
IP CORINTH___1 23988	34.13 1.25 0.00	31.43 1.18 0.00	31.45 1.15 0.00	30.33 1.17 0.00	31.55 1.21 0.00	36.75 1.28 0.00	54.38 2.34 0.00	76.65 3.59 0.11	54.38 2.09 0.04	39.95 1.05 0.00	35.80 0.77 0.00	32.58 0.58 0.27	34.09 0.44 0.52	29.83 0.56 0.42	34.83 0.56 0.70	38.19 0.69 0.59	48.45 1.18 0.03	67.89 2.49 0.09	79.67 3.51 0.22	74.06 2.99 0.11	57.16 2.25 0.03	47.56 1.74 0.00	40.29 1.40 0.00	37.08 1.26 0.16
IP___TICONDEROGA 23804	35.38 2.50 0.00	32.58 2.33 0.00	32.66 2.36 0.00	31.52 2.36 0.00	32.76 2.43 0.00	38.24 2.77 0.00	56.77 4.74 0.00	79.87 6.80 0.11	56.31 4.03 0.04	41.12 2.22 0.00	36.65 1.61 0.00	33.28 1.29 0.27	34.69 1.06 0.53	30.42 1.16 0.43	35.59 1.33 0.72	39.09 1.60 0.61	49.86 2.60 0.03	70.18 4.78 0.09	82.88 6.72 0.22	76.97 5.91 0.11	59.41 4.51 0.03	49.44 3.62 0.00	41.85 2.96 0.00	38.59 2.77 0.16
ISLIP_RES_REC 323679	24.23 1.25 9.90	21.81 0.94 9.37	21.28 0.91 9.93	22.32 0.87 7.71	21.47 0.94 9.80	29.92 1.10 6.66	40.02 1.61 13.63	35.07 3.51 41.62	32.48 3.19 23.04	23.41 2.45 17.94	17.04 2.63 20.63	17.30 2.71 17.68	17.49 2.56 19.24	18.12 2.40 13.97	18.47 2.41 18.92	21.62 2.32 18.80	37.49 2.69 12.50	45.23 3.93 24.18	52.05 4.74 29.06	54.01 3.70 20.86	47.14 2.41 10.21	40.80 1.42 6.44	39.25 1.01 0.65	30.30 1.12 6.79

JAMAICA__27_KV_LOAD 355505	35.21 2.33 0.00	32.27 2.03 0.00	32.30 2.00 0.00	31.05 1.90 0.00	32.30 1.97 0.00	37.85 2.38 0.00	55.84 3.80 -0.01	82.98 6.51 -3.30	58.82 5.13 -1.37	42.55 3.50 -0.14	38.28 3.22 -0.02	37.38 3.03 -2.08	39.00 3.07 -1.76	39.03 2.88 -6.47	40.11 3.11 -2.02	43.50 3.50 -1.90	52.44 4.16 -0.98	73.96 6.09 -2.39	85.59 7.10 -2.10	79.08 6.33 -1.57	60.67 4.72 -1.01	48.99 3.16 0.00	41.53 2.64 0.00	38.59 2.41 -0.20
JANIS__SOLAR 323808	33.83 0.95 0.00	31.15 0.91 0.00	31.27 0.97 0.00	30.00 0.85 0.00	31.30 0.97 0.00	36.82 1.35 0.00	54.38 2.34 0.00	76.27 3.00 -0.10	54.20 1.83 -0.04	39.76 0.85 0.00	35.46 0.42 0.00	32.63 0.23 -0.13	34.53 0.24 -0.13	30.40 0.33 -0.39	35.52 0.39 -0.16	38.99 0.76 -0.14	48.22 0.90 -0.03	67.21 1.70 -0.03	78.45 2.67 0.60	73.62 2.63 0.19	57.06 2.09 -0.03	47.38 1.56 0.00	40.02 1.13 0.00	36.98 1.01 0.00
JARVIS____ 23743	33.04 0.17 0.00	30.40 0.15 0.00	30.45 0.15 0.00	29.31 0.15 0.00	30.49 0.15 0.00	35.65 0.18 0.00	52.30 0.26 0.00	73.83 0.66 0.00	52.80 0.47 0.00	39.18 0.27 0.00	35.28 0.25 0.00	32.46 0.19 0.00	34.33 0.17 0.00	29.86 0.18 0.00	35.15 0.18 0.00	38.28 0.19 0.00	47.53 0.24 0.00	65.87 0.40 0.01	76.80 0.54 0.12	71.63 0.50 0.04	55.33 0.39 0.00	46.10 0.28 0.00	39.09 0.20 0.00	36.16 0.18 0.00
JENNISON____1 23625	33.93 1.05 0.00	31.28 1.03 0.00	31.39 1.09 0.00	30.12 0.96 0.00	31.45 1.12 0.00	36.90 1.42 0.00	54.53 2.50 0.00	76.74 3.44 -0.13	54.68 2.30 -0.05	40.27 1.36 -0.01	36.05 1.02 0.00	33.21 0.77 -0.17	35.04 0.72 -0.16	30.95 0.77 -0.49	35.97 0.80 -0.19	39.36 1.10 -0.17	48.56 1.23 -0.04	67.77 2.23 -0.06	78.94 3.06 0.50	74.02 2.99 0.14	57.29 2.31 -0.04	47.47 1.65 0.00	40.13 1.24 0.00	37.16 1.19 0.00
JENNISON____2 23626	33.93 1.05 0.00	31.28 1.03 0.00	31.39 1.09 0.00	30.12 0.96 0.00	31.45 1.12 0.00	36.90 1.42 0.00	54.53 2.50 0.00	76.74 3.44 -0.13	54.68 2.30 -0.05	40.27 1.36 -0.01	36.05 1.02 0.00	33.21 0.77 -0.17	35.04 0.72 -0.16	30.95 0.77 -0.49	35.97 0.80 -0.19	39.36 1.10 -0.17	48.56 1.23 -0.04	67.77 2.23 -0.06	78.94 3.06 0.50	74.02 2.99 0.14	57.29 2.31 -0.04	47.47 1.65 0.00	40.13 1.24 0.00	37.16 1.19 0.00
JERICOHO_RISE_WT_PWR 323719	31.79 -1.08 0.00	29.22 -1.03 0.00	29.36 -0.94 0.00	28.22 -0.93 0.00	29.39 -0.94 0.00	34.45 -1.03 0.00	50.52 -1.51 0.00	71.20 -1.97 0.00	50.92 -1.41 0.00	38.05 -0.86 0.00	34.33 -0.70 0.00	31.75 -0.52 0.00	33.92 -0.24 0.00	29.48 -0.21 0.00	35.05 0.07 0.00	38.17 0.08 0.00	47.44 0.14 0.00	65.42 -0.07 0.00	75.69 -0.69 0.00	70.68 -0.49 0.00	54.39 -0.55 0.00	45.50 -0.32 0.00	39.05 0.16 0.00	36.19 0.22 0.00
KATONAH__115KV_46KV_TB4 355592	34.82 1.94 0.00	31.94 1.69 0.00	31.97 1.67 0.00	30.76 1.60 0.00	32.03 1.70 0.00	37.39 1.92 0.00	55.16 3.12 0.00	78.68 5.05 -0.46	56.55 4.03 -0.19	41.57 2.65 -0.02	37.49 2.45 0.00	36.57 2.29 -2.02	38.14 2.36 -1.62	38.21 2.29 -6.23	39.23 2.45 -1.80	42.25 2.63 -1.53	50.55 3.12 -0.14	70.39 4.58 -0.32	82.01 5.50 -0.13	76.17 4.84 -0.16	58.71 3.63 -0.14	48.44 2.61 0.00	40.95 2.06 0.00	38.12 1.94 -0.20
KCE_NY_1 323755	34.42 1.55 0.00	31.67 1.42 0.00	31.69 1.39 0.00	30.53 1.37 0.00	31.76 1.43 0.00	37.07 1.60 0.00	54.74 2.70 0.00	77.08 4.02 0.11	54.90 2.62 0.04	40.46 1.56 0.01	36.29 1.26 0.00	33.05 1.06 0.28	34.57 0.96 0.55	30.29 1.04 0.43	35.36 1.12 0.74	38.72 1.26 0.62	49.01 1.75 0.03	68.48 3.08 0.09	81.60 4.05 -1.18	74.62 3.56 0.10	57.60 2.69 0.03	47.98 2.15 0.00	40.64 1.75 0.00	37.39 1.58 0.17
KCE_NY_6_ESR 323823	33.01 0.13 0.00	30.67 0.42 0.00	30.69 0.39 0.00	29.28 0.12 0.00	30.36 0.03 0.00	35.44 -0.04 0.00	50.42 -1.61 0.00	68.27 -4.90 0.00	50.92 -1.41 0.00	39.37 0.47 0.00	35.59 0.56 0.00	32.84 0.51 -0.06	34.55 0.38 -0.01	30.56 0.65 -0.22	35.01 0.04 0.00	37.75 -0.34 0.00	45.07 -2.22 0.00	61.05 -4.39 0.05	70.86 -4.74 0.78	66.76 -4.13 0.28	51.81 -3.13 0.00	44.31 -1.51 0.00	37.80 -1.09 0.00	35.08 -0.90 0.00
KEDC_PORT_JEFF_GT2 24210	21.60 1.08 12.36	19.32 0.79 11.71	18.62 0.73 12.41	20.26 0.73 9.63	18.84 0.76 12.25	28.05 0.89 8.32	38.87 1.30 14.47	32.05 3.07 44.19	29.63 2.82 25.53	19.02 2.18 22.06	11.72 2.42 25.73	12.18 2.52 22.61	12.34 2.39 24.21	13.09 2.23 18.82	13.53 2.24 23.69	17.24 2.13 22.98	36.48 2.46 13.27	44.44 3.47 24.52	49.57 4.05 30.86	52.01 2.99 22.15	46.62 2.03 10.35	40.48 1.19 6.53	39.02 0.82 0.68	28.34 0.90 8.54
KEDC_PORT_JEFF_GT3 24211	21.60 1.08 12.36	19.32 0.79 11.71	18.62 0.73 12.41	20.26 0.73 9.63	18.84 0.76 12.25	28.05 0.89 8.32	38.87 1.30 14.47	32.05 3.07 44.19	29.63 2.82 25.53	19.02 2.18 22.06	11.72 2.42 25.73	12.18 2.52 22.61	12.34 2.39 24.21	13.09 2.23 18.82	13.53 2.24 23.69	17.24 2.13 22.98	36.48 2.46 13.27	44.44 3.47 24.52	49.57 4.05 30.86	52.01 2.99 22.15	46.62 2.03 10.35	40.48 1.19 6.53	39.02 0.82 0.68	28.34 0.90 8.54
KEDC_GLWD_GT4 24219	34.75 1.87 0.00	31.82 1.57 0.00	31.81 1.51 0.00	30.61 1.46 0.00	31.88 1.55 0.00	37.28 1.81 0.00	51.44 2.81 3.40	66.94 4.90 11.14	51.65 3.97 4.65	41.39 3.00 0.51	37.98 3.01 0.07	37.26 2.94 -2.06	38.38 2.90 -1.31	38.42 2.70 -6.03	39.11 2.87 -1.26	41.30 2.93 -0.28	47.40 3.45 3.35	62.33 4.97 8.13	74.52 5.96 7.82	70.60 5.05 5.62	55.13 3.63 3.43	46.23 2.43 2.02	40.69 1.98 0.18	38.01 1.83 -0.20
KEDC_GLWD_GT5 24220	34.75 1.87 0.00	31.82 1.57 0.00	31.81 1.51 0.00	30.61 1.46 0.00	31.88 1.55 0.00	37.28 1.81 0.00	51.44 2.81 3.40	66.94 4.90 11.14	51.65 3.97 4.65	41.39 3.00 0.51	37.98 3.01 0.07	37.26 2.94 -2.06	38.38 2.90 -1.31	38.42 2.70 -6.03	39.11 2.87 -1.26	41.30 2.93 -0.28	47.40 3.45 3.35	62.33 4.97 8.13	74.52 5.96 7.82	70.60 5.05 5.62	55.13 3.63 3.43	46.23 2.43 2.02	40.69 1.98 0.18	38.01 1.83 -0.20
KENSICO____ 23655	34.88 2.01 0.00	31.97 1.72 0.00	31.97 1.67 0.00	30.76 1.60 0.00	32.00 1.67 0.00	37.46 1.99 0.00	55.11 3.07 0.00	80.16 5.05 -1.94	57.17 4.03 -0.81	41.80 2.80 -0.09	37.68 2.63 -0.01	36.79 2.45 -2.07	38.35 2.53 -1.66	38.61 2.40 -6.52	39.38 2.55 -1.85	42.47 2.70 -1.68	51.05 3.17 -0.58	71.60 4.71 -1.40	83.04 5.50 -1.16	76.91 4.84 -0.90	59.11 3.57 -0.60	48.39 2.57 0.00	40.99 2.10 0.00	38.16 1.98 -0.20
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.08 2.20 0.00	32.15 1.91 0.00	32.18 1.88 0.00	30.97 1.81 0.00	32.27 1.94 0.00	37.71 2.24 0.00	55.94 3.90 0.00	79.46 5.93 -0.37	56.93 4.45 -0.15	41.76 2.84 -0.02	37.46 2.42 0.00	35.26 2.23 -0.77	37.51 2.36 -0.99	33.88 2.32 -1.88	38.79 2.55 -1.26	41.98 2.82 -1.07	51.05 3.64 -0.11	71.11 5.37 -0.25	82.85 6.42 -0.05	77.33 6.05 -0.11	59.45 4.40 -0.11	48.99 3.16 0.00	41.26 2.37 0.00	38.32 2.23 -0.11

KIAC_JFK_GT1 23816	35.15 2.27 0.00	32.21 1.97 0.00	32.21 1.91 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.75 2.27 0.00	55.68 3.64 -0.01	82.76 6.29 -3.30	58.67 4.97 -1.37	42.43 3.38 -0.14	38.18 3.12 -0.02	37.28 2.94 -2.08	38.90 2.97 -1.76	38.94 2.79 -6.47	40.00 3.01 -2.02	43.42 3.43 -1.90	52.30 4.02 -0.98	73.70 5.83 -2.39	85.36 6.87 -2.10	78.79 6.05 -1.57	60.45 4.51 -1.01	48.85 3.02 0.00	41.42 2.53 0.00	38.48 2.30 -0.20
KIAC_JFK_GT2 23817	35.15 2.27 0.00	32.21 1.97 0.00	32.21 1.91 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.75 2.27 0.00	55.68 3.64 -0.01	82.76 6.29 -3.30	58.67 4.97 -1.37	42.43 3.38 -0.14	38.18 3.12 -0.02	37.28 2.94 -2.08	38.90 2.97 -1.76	38.94 2.79 -6.47	40.00 3.01 -2.02	43.42 3.43 -1.90	52.30 4.02 -0.98	73.70 5.83 -2.39	85.36 6.87 -2.10	78.79 6.05 -1.57	60.45 4.51 -1.01	48.85 3.02 0.00	41.42 2.53 0.00	38.48 2.30 -0.20
KIAC_JFK____ 323774	35.15 2.27 0.00	32.21 1.96 0.00	32.21 1.91 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.72 2.24 0.00	55.68 3.64 -0.01	82.76 6.29 -3.30	58.51 4.81 -1.37	42.43 3.38 -0.14	38.18 3.12 -0.02	37.25 2.91 -2.08	38.89 2.97 -1.76	38.94 2.79 -6.47	40.00 3.01 -2.02	43.42 3.43 -1.90	52.29 4.02 -0.98	73.63 5.76 -2.39	85.47 6.88 -2.21	78.79 6.05 -1.57	60.45 4.51 -1.01	48.85 3.02 0.00	41.46 2.57 0.00	38.49 2.30 -0.21
KINTIGH__24_KV_GSU 356498	32.72 -0.16 0.00	30.40 0.15 0.00	30.42 0.12 0.00	29.07 -0.09 0.00	30.15 -0.18 0.00	35.19 -0.29 0.00	50.06 -1.98 0.00	67.98 -5.19 0.00	50.55 -1.78 0.00	38.94 0.04 0.00	35.21 0.18 0.00	32.61 0.29 -0.05	34.31 0.14 -0.01	30.23 0.36 -0.19	34.77 -0.21 0.00	37.64 -0.46 0.00	44.88 -2.41 0.00	60.85 -4.59 0.05	70.54 -5.04 0.79	66.41 -4.48 0.28	51.59 -3.35 0.00	44.08 -1.74 0.00	37.53 -1.36 0.00	34.82 -1.15 0.00
KINTIGH____ 23543	32.71 -0.16 0.00	30.40 0.15 0.00	30.42 0.12 0.00	29.07 -0.09 0.00	30.15 -0.18 0.00	35.02 -0.46 0.00	50.01 -2.03 0.00	67.90 -5.27 0.00	50.08 -2.25 0.00	38.94 0.04 0.00	35.18 0.14 0.00	32.57 0.26 -0.05	34.28 0.10 -0.01	30.14 0.27 -0.19	34.77 -0.21 0.00	37.60 -0.50 0.00	44.88 -2.41 0.00	60.33 -5.11 0.05	70.47 -5.12 0.80	66.41 -4.48 0.28	51.59 -3.35 0.00	44.08 -1.74 0.00	37.53 -1.36 0.00	34.79 -1.19 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.47 -1.41 0.00	28.92 -1.33 0.00	29.09 -1.21 0.00	27.93 -1.22 0.00	29.09 -1.24 0.00	34.16 -1.31 0.00	50.06 -1.98 0.00	70.61 -2.56 0.00	50.65 -1.67 0.00	38.13 -0.78 0.00	34.40 -0.63 0.00	31.85 -0.42 0.00	34.23 0.07 0.00	29.86 0.18 0.00	35.54 0.56 0.00	38.74 0.65 0.00	47.53 0.24 0.00	65.35 -0.13 0.00	75.23 -1.15 0.00	70.46 -0.71 0.00	54.12 -0.82 0.00	45.50 -0.32 0.00	39.51 0.62 0.00	36.59 0.61 0.00
LACHUTE____HYDRO 323717	35.38 2.50 0.00	32.58 2.33 0.00	32.66 2.36 0.00	31.52 2.36 0.00	32.76 2.43 0.00	38.25 2.77 0.00	56.77 4.73 0.00	79.87 6.81 0.11	56.26 3.97 0.04	41.11 2.22 0.00	36.61 1.58 0.00	33.28 1.29 0.27	34.69 1.06 0.53	30.41 1.16 0.43	35.59 1.33 0.72	39.09 1.60 0.61	49.86 2.60 0.03	70.12 4.72 0.09	84.23 6.72 -1.12	76.97 5.90 0.10	59.41 4.51 0.03	49.44 3.62 0.00	41.84 2.95 0.00	38.59 2.77 0.16
LAWRNCV_115KV_TB1 80681	32.88 0.00 0.00	30.22 -0.03 0.00	30.36 0.06 0.00	29.16 0.00 0.00	30.39 0.06 0.00	35.58 0.11 0.00	52.30 0.26 0.00	73.54 0.37 0.00	52.33 0.00 0.00	38.79 -0.12 0.00	35.00 -0.04 0.00	32.20 -0.06 0.00	34.30 0.14 0.00	29.72 0.03 0.00	35.22 0.24 0.00	38.40 0.30 0.00	47.77 0.47 0.00	65.88 0.39 0.00	76.38 0.00 0.00	71.53 0.36 0.00	55.38 0.44 0.00	46.47 0.64 0.00	39.55 0.66 0.00	36.66 0.68 0.00
LEDERLE____ 23769	34.95 2.07 0.00	32.03 1.78 0.00	32.06 1.76 0.00	30.85 1.69 0.00	32.09 1.76 0.00	37.64 2.16 0.00	55.53 3.49 0.00	80.35 5.63 -1.55	57.37 4.40 -0.65	41.97 3.00 -0.07	37.81 2.77 -0.01	36.71 2.55 -1.89	38.28 2.63 -1.48	38.20 2.55 -5.97	39.35 2.73 -1.65	42.47 2.90 -1.48	51.17 3.41 -0.47	71.64 5.04 -1.12	83.14 5.88 -0.88	77.07 5.20 -0.70	59.26 3.85 -0.48	48.57 2.75 0.00	41.15 2.26 0.00	38.29 2.12 -0.19
LIGHTHSE_115KV_TB6 355974	32.68 -0.20 0.00	30.10 -0.15 0.00	30.15 -0.15 0.00	28.95 -0.20 0.00	30.15 -0.18 0.00	35.33 -0.14 0.00	52.04 0.00 0.00	75.08 -0.07 -1.98	52.33 0.00 0.00	38.79 -0.12 0.00	34.86 -0.18 0.00	32.01 -0.26 0.00	33.89 -0.27 0.00	29.48 -0.21 0.00	34.70 -0.28 0.00	37.86 -0.23 0.00	46.68 -0.61 0.00	64.50 -0.98 0.00	76.54 -0.69 -0.85	70.93 -0.50 -0.26	54.56 -0.38 0.00	45.69 -0.14 0.00	38.73 -0.16 0.00	35.76 -0.22 0.00
LINDEN COGEN____ 23786	34.99 2.11 0.00	32.03 1.78 0.00	32.03 1.73 0.00	30.82 1.66 0.00	32.06 1.73 0.00	37.50 2.02 0.00	55.22 3.17 -0.01	81.61 5.34 -3.10	57.76 4.13 -1.30	42.08 3.04 -0.14	37.93 2.87 -0.02	37.06 2.71 -2.08	38.69 2.77 -1.76	38.73 2.58 -6.47	39.87 2.87 -2.02	42.92 2.93 -1.89	51.68 3.45 -0.93	72.77 5.04 -2.25	84.42 5.96 -2.07	77.84 5.19 -1.48	59.74 3.84 -0.96	48.48 2.66 0.00	41.11 2.22 0.00	38.23 2.05 -0.21
LINDHRST_69_KV_BK1 356055	33.98 1.81 0.71	31.00 1.42 0.67	31.01 1.42 0.71	29.98 1.37 0.55	31.06 1.43 0.70	36.74 1.74 0.48	45.52 2.50 9.02	50.35 4.68 27.50	44.68 4.24 11.89	39.54 3.03 2.40	36.56 3.15 1.62	36.11 3.19 -0.64	36.63 3.07 0.60	36.72 2.85 -4.19	37.05 3.01 0.94	38.44 3.05 2.70	42.53 3.50 8.26	50.84 4.98 19.62	62.87 5.80 19.32	62.29 4.91 13.80	49.95 3.30 8.29	42.74 2.15 5.23	40.11 1.67 0.46	37.44 1.76 0.30
LIPA_MISC_IPP 23656	22.11 0.76 11.53	19.85 0.51 10.91	19.22 0.48 11.56	20.65 0.47 8.98	19.40 0.49 11.42	28.36 0.64 7.75	38.51 0.78 14.31	31.89 2.41 43.70	30.00 2.51 24.84	20.00 1.79 20.69	13.13 2.10 24.01	13.58 2.26 20.94	13.67 2.05 22.54	14.45 1.96 17.19	14.80 1.92 22.10	18.27 1.79 21.61	36.20 2.03 13.13	43.89 3.08 24.67	49.35 3.59 30.62	51.84 2.56 21.90	46.17 1.65 10.42	40.03 0.78 6.57	38.60 0.39 0.68	28.65 0.61 7.94
LISF____SOLAR 323691	22.22 0.79 11.45	19.95 0.55 10.84	19.30 0.48 11.49	20.73 0.50 8.92	19.51 0.52 11.34	28.38 0.60 7.70	38.66 0.88 14.26	32.12 2.49 43.54	29.95 2.36 24.73	20.18 1.83 20.55	13.30 2.10 23.84	13.71 2.22 20.78	13.84 2.05 22.38	14.58 1.93 17.03	15.00 1.96 21.94	18.46 1.83 21.47	36.29 2.08 13.08	43.95 3.08 24.62	49.71 3.74 30.41	52.05 2.70 21.82	46.30 1.76 10.40	40.09 0.83 6.56	38.68 0.47 0.68	28.70 0.61 7.89
LITTLE FALLS____HYD 24013	33.60 0.72 0.00	30.94 0.70 0.00	31.06 0.76 0.00	29.92 0.76 0.00	31.21 0.88 0.00	36.61 1.14 0.00	53.91 1.87 0.00	76.10 2.93 0.00	55.99 3.66 0.00	41.51 2.61 0.00	37.49 2.45 0.00	34.49 2.23 0.00	36.45 2.29 0.00	31.73 2.05 0.00	37.32 2.34 0.00	40.72 2.63 0.00	49.04 1.75 0.00	67.83 2.36 0.01	79.24 2.98 0.12	73.83 2.70 0.04	57.03 2.09 0.00	47.61 1.79 0.00	40.33 1.44 0.00	37.38 1.40 0.00

LITTLRIV_115KV_TB1 356100	33.18 0.30 0.00	30.49 0.24 0.00	30.66 0.36 0.00	29.42 0.26 0.00	30.70 0.36 0.00	35.94 0.46 0.00	52.92 0.88 0.00	74.49 1.32 0.00	52.80 0.47 0.00	38.98 0.08 0.00	35.14 0.11 0.00	32.30 0.03 0.00	34.40 0.24 0.00	29.77 0.09 0.00	35.36 0.38 0.00	38.59 0.50 0.00	48.10 0.80 0.00	66.47 0.98 0.00	77.22 0.84 0.00	72.38 1.21 0.00	56.04 1.10 0.00	46.97 1.15 0.00	39.94 1.05 0.00	37.02 1.04 0.00
LI_NEWBRDGE___DRP 323616	34.19 1.32 0.00	31.28 1.03 0.00	31.30 1.00 0.00	30.12 0.96 0.00	31.33 1.00 0.00	36.68 1.21 0.00	42.01 1.87 11.90	40.70 3.80 36.28	40.72 3.56 15.16	39.83 2.57 1.64	37.59 2.77 0.21	37.16 2.84 -2.06	37.39 2.70 -0.52	37.51 2.52 -5.30	37.49 2.59 0.08	38.06 2.55 2.58	39.31 2.93 10.91	43.31 4.32 26.49	55.90 4.96 25.44	56.89 3.91 18.19	46.44 2.69 11.19	40.37 1.60 7.06	39.50 1.21 0.60	37.44 1.26 -0.20
LOCKPORT_115KV_TB60_63_64 80432	32.68 -0.20 0.00	30.40 0.15 0.00	30.39 0.09 0.00	29.22 0.06 0.00	30.09 -0.24 0.00	34.91 -0.57 0.00	49.75 -2.29 0.00	67.32 -5.85 0.00	49.92 -2.41 0.00	39.10 0.19 0.00	35.28 0.25 0.00	32.64 0.32 -0.05	34.31 0.14 -0.01	30.30 0.42 -0.20	34.80 -0.17 0.00	37.56 -0.53 0.00	44.50 -2.79 0.00	59.48 -5.96 0.05	69.71 -5.88 0.79	65.77 -5.12 0.28	51.04 -3.90 0.00	43.81 -2.02 0.00	37.37 -1.52 0.00	34.65 -1.33 0.00
LOCKPORT___CC1 323769	32.72 -0.16 0.00	30.43 0.18 0.00	30.45 0.15 0.00	29.04 -0.12 0.00	30.09 -0.24 0.00	35.12 -0.35 0.00	49.75 -2.29 0.00	67.25 -5.92 0.00	50.39 -1.94 0.00	39.10 0.20 0.00	35.31 0.28 0.00	32.64 0.32 -0.05	34.34 0.17 -0.01	30.36 0.47 -0.20	34.77 -0.21 0.00	37.52 -0.57 0.00	44.46 -2.84 0.00	60.07 -5.37 0.05	69.71 -5.88 0.79	65.70 -5.19 0.28	50.98 -3.96 0.00	43.81 -2.02 0.00	37.37 -1.52 0.00	34.68 -1.29 0.00
LOCKPORT___CC2 323770	32.72 -0.16 0.00	30.43 0.18 0.00	30.45 0.15 0.00	29.04 -0.12 0.00	30.09 -0.24 0.00	35.12 -0.35 0.00	49.75 -2.29 0.00	67.25 -5.92 0.00	50.39 -1.94 0.00	39.10 0.20 0.00	35.31 0.28 0.00	32.64 0.32 -0.05	34.34 0.17 -0.01	30.36 0.47 -0.20	34.77 -0.21 0.00	37.52 -0.57 0.00	44.46 -2.84 0.00	60.07 -5.37 0.05	69.71 -5.88 0.79	65.70 -5.19 0.28	50.98 -3.96 0.00	43.81 -2.02 0.00	37.37 -1.52 0.00	34.68 -1.29 0.00
LOCKPORT___CC3 323771	32.72 -0.16 0.00	30.43 0.18 0.00	30.45 0.15 0.00	29.04 -0.12 0.00	30.09 -0.24 0.00	35.12 -0.35 0.00	49.75 -2.29 0.00	67.25 -5.92 0.00	50.39 -1.94 0.00	39.10 0.20 0.00	35.31 0.28 0.00	32.64 0.32 -0.05	34.34 0.17 -0.01	30.36 0.47 -0.20	34.77 -0.21 0.00	37.52 -0.57 0.00	44.46 -2.84 0.00	60.07 -5.37 0.05	69.71 -5.88 0.79	65.70 -5.19 0.28	50.98 -3.96 0.00	43.81 -2.02 0.00	37.37 -1.52 0.00	34.68 -1.29 0.00
LOCUSVLY_69_KV_BK2 55797	34.65 1.78 0.00	31.70 1.45 0.00	31.72 1.42 0.00	30.53 1.37 0.00	31.76 1.43 0.00	37.18 1.70 0.00	49.23 2.55 5.35	60.92 4.61 16.86	49.37 4.08 7.04	41.06 2.92 0.76	37.98 3.05 0.10	37.33 3.00 -2.06	38.23 2.94 -1.13	38.28 2.73 -5.87	38.80 2.87 -0.96	40.62 2.90 0.37	45.63 3.41 5.07	58.16 4.98 12.30	70.28 5.80 11.91	67.53 4.84 8.48	53.15 3.41 5.19	44.89 2.25 3.18	40.36 1.75 0.28	37.91 1.73 -0.20
LONG_LAKE_PHOENIX 24014	32.35 -0.53 0.00	29.79 -0.45 0.00	29.82 -0.48 0.00	28.69 -0.47 0.00	29.82 -0.52 0.00	34.94 -0.53 0.00	51.31 -0.73 0.00	74.96 -1.24 -3.04	51.54 -0.78 0.00	38.44 -0.47 0.00	34.58 -0.46 0.00	31.81 -0.45 0.00	33.72 -0.44 0.00	29.33 -0.36 0.00	34.45 -0.52 0.00	37.52 -0.57 0.00	46.30 -0.99 0.00	63.93 -1.57 -0.02	76.45 -1.53 -1.60	70.24 -1.42 -0.50	53.90 -1.04 0.00	45.00 -0.82 0.00	38.15 -0.74 0.00	35.26 -0.72 0.00
LOVETT___3 23632	34.82 1.94 0.00	31.91 1.66 0.00	31.91 1.61 0.00	30.70 1.55 0.00	31.97 1.64 0.00	37.36 1.88 0.00	55.01 2.97 0.00	79.65 4.90 -1.57	56.86 3.87 -0.66	41.66 2.68 -0.07	37.57 2.52 -0.01	36.56 2.36 -1.94	38.06 2.39 -1.50	38.15 2.32 -6.15	39.06 2.41 -1.66	42.14 2.55 -1.49	50.84 3.07 -0.47	71.20 4.58 -1.14	82.63 5.35 -0.90	76.59 4.70 -0.72	58.89 3.46 -0.49	48.30 2.47 0.00	40.91 2.02 0.00	38.07 1.91 -0.19
LOVETT___4 23642	34.82 1.94 0.00	31.91 1.66 0.00	31.91 1.61 0.00	30.70 1.55 0.00	31.97 1.64 0.00	37.36 1.88 0.00	55.01 2.97 0.00	79.65 4.90 -1.57	56.86 3.87 -0.66	41.66 2.68 -0.07	37.57 2.52 -0.01	36.56 2.36 -1.94	38.06 2.39 -1.50	38.15 2.32 -6.15	39.06 2.41 -1.66	42.14 2.55 -1.49	50.84 3.07 -0.47	71.20 4.58 -1.14	82.63 5.35 -0.90	76.59 4.70 -0.72	58.89 3.46 -0.49	48.30 2.47 0.00	40.91 2.02 0.00	38.07 1.91 -0.19
LOVETT___5 23593	34.82 1.94 0.00	31.91 1.66 0.00	31.91 1.61 0.00	30.70 1.55 0.00	31.97 1.64 0.00	37.36 1.88 0.00	55.01 2.97 0.00	79.65 4.90 -1.57	56.86 3.87 -0.66	41.66 2.68 -0.07	37.57 2.52 -0.01	36.56 2.36 -1.94	38.06 2.39 -1.50	38.15 2.32 -6.15	39.06 2.41 -1.66	42.14 2.55 -1.49	50.84 3.07 -0.47	71.20 4.58 -1.14	82.63 5.35 -0.90	76.59 4.70 -0.72	58.89 3.46 -0.49	48.30 2.47 0.00	40.91 2.02 0.00	38.07 1.91 -0.19
LOWER RAQUET___HYD 24057	32.88 0.00 0.00	30.22 -0.03 0.00	30.39 0.09 0.00	29.19 0.03 0.00	30.42 0.09 0.00	35.62 0.14 0.00	52.35 0.31 0.00	73.97 0.52 -0.29	52.38 0.05 0.00	38.79 -0.12 0.00	35.03 0.00 0.00	32.20 -0.06 0.00	34.30 0.14 0.00	29.72 0.03 0.00	35.26 0.28 0.00	38.43 0.34 0.00	47.77 0.47 0.00	65.81 0.33 0.00	76.50 0.00 -0.12	71.57 0.36 -0.04	55.49 0.55 0.00	46.55 0.73 0.00	39.63 0.74 0.00	36.73 0.76 0.00
LOWER___HUDSON 24059	34.29 1.41 0.00	31.55 1.30 0.00	31.48 1.18 0.00	30.33 1.17 0.00	31.55 1.21 0.00	36.82 1.35 0.00	54.32 2.29 0.00	76.49 3.44 0.12	54.64 2.36 0.05	40.46 1.56 0.01	36.44 1.40 0.00	33.12 1.19 0.34	34.63 1.16 0.69	30.37 1.16 0.47	35.26 1.22 0.94	38.60 1.30 0.79	48.91 1.65 0.03	68.21 2.81 0.09	81.67 3.52 -1.78	74.12 3.06 0.11	57.21 2.31 0.04	47.66 1.83 0.00	40.33 1.44 0.00	37.06 1.29 0.21
LOWVILLE_115KV_TB2 356335	33.01 0.13 0.00	30.34 0.09 0.00	30.45 0.15 0.00	29.22 0.06 0.00	30.51 0.18 0.00	35.73 0.25 0.00	53.23 1.20 0.00	75.83 2.12 -0.53	53.48 1.15 0.00	39.60 0.70 0.00	35.53 0.49 0.00	32.40 0.13 0.00	34.26 0.10 0.00	29.74 0.06 0.00	35.12 0.14 0.00	38.40 0.30 0.00	47.67 0.38 0.00	66.20 0.72 0.01	77.69 1.22 -0.08	72.54 1.35 -0.02	56.04 1.10 0.00	46.79 0.96 0.00	39.59 0.70 0.00	36.66 0.68 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.39 1.51 0.00	31.67 1.42 0.00	31.69 1.39 0.00	30.53 1.37 0.00	31.73 1.40 0.00	37.07 1.60 0.00	54.74 2.71 0.00	77.01 3.95 0.11	54.90 2.62 0.04	40.45 1.56 0.01	36.30 1.26 0.00	33.05 1.06 0.28	34.57 0.96 0.55	30.29 1.04 0.43	35.32 1.08 0.74	38.69 1.22 0.62	49.01 1.75 0.03	68.47 3.08 0.09	80.13 3.97 0.22	74.55 3.49 0.11	57.60 2.69 0.03	47.93 2.11 0.00	40.60 1.71 0.00	37.39 1.58 0.17

LUTHERNY_35_KV_BK2 355980	34.42 1.55 0.00	31.67 1.42 0.00	31.69 1.39 0.00	30.53 1.37 0.00	31.76 1.43 0.00	37.07 1.60 0.00	54.74 2.71 0.00	77.09 4.02 0.11	54.95 2.67 0.04	40.45 1.56 0.01	36.33 1.30 0.00	33.05 1.06 0.28	34.57 0.96 0.55	30.29 1.04 0.43	35.36 1.12 0.74	38.73 1.26 0.62	49.01 1.75 0.03	68.54 3.14 0.09	80.21 4.05 0.22	74.62 3.56 0.11	57.60 2.69 0.03	47.98 2.15 0.00	40.64 1.75 0.00	37.39 1.58 0.17
LWR___OSWEGATCHIE_HYD 23850	32.98 0.10 0.00	30.31 0.06 0.00	30.45 0.15 0.00	29.22 0.06 0.00	30.48 0.15 0.00	35.69 0.21 0.00	52.82 0.78 0.00	74.99 1.32 -0.51	52.90 0.58 0.00	39.14 0.23 0.00	35.21 0.18 0.00	32.27 0.00 0.00	34.26 0.10 0.00	29.72 0.03 0.00	35.15 0.17 0.00	38.40 0.30 0.00	47.58 0.28 0.00	65.81 0.33 0.00	77.06 0.46 -0.22	71.95 0.71 -0.07	55.65 0.71 0.00	46.69 0.87 0.00	39.63 0.74 0.00	36.70 0.72 0.00
LYONS_FALL_HYD 23570	33.21 0.33 0.00	30.52 0.27 0.00	30.60 0.30 0.00	29.39 0.23 0.00	30.67 0.33 0.00	35.94 0.46 0.00	53.28 1.25 0.00	75.64 2.12 -0.35	53.58 1.25 0.00	39.64 0.74 0.00	35.56 0.53 0.00	32.52 0.26 0.00	34.40 0.24 0.00	29.92 0.24 0.00	35.29 0.31 0.00	38.59 0.49 0.00	47.91 0.61 0.00	66.46 0.98 0.01	77.80 1.45 0.03	72.65 1.50 0.02	56.15 1.21 0.00	46.83 1.01 0.00	39.63 0.74 0.00	36.70 0.72 0.00
MADISON___COUNTY_LFGE 323628	33.54 0.66 0.00	30.85 0.60 0.00	30.94 0.64 0.00	29.71 0.55 0.00	31.00 0.67 0.00	36.33 0.85 0.00	53.60 1.56 0.00	75.51 2.34 0.00	53.84 1.52 0.00	39.80 0.89 0.00	35.74 0.70 0.00	32.78 0.52 0.00	34.67 0.51 0.00	30.22 0.53 0.00	35.57 0.59 0.00	38.85 0.76 0.00	48.19 0.90 0.00	66.83 1.38 0.02	77.90 1.91 0.39	72.88 1.85 0.14	56.37 1.43 0.00	46.97 1.15 0.00	39.71 0.82 0.00	36.73 0.76 0.00
MALONE___115KV_TB1 356076	32.45 -0.43 0.00	29.82 -0.42 0.00	30.00 -0.30 0.00	28.81 -0.35 0.00	30.03 -0.30 0.00	35.16 -0.32 0.00	51.78 -0.26 0.00	72.88 -0.29 0.00	52.07 -0.26 0.00	38.83 -0.08 0.00	35.00 -0.04 0.00	32.27 0.00 0.00	34.54 0.38 0.00	30.01 0.33 0.00	35.61 0.63 0.00	38.78 0.69 0.00	48.19 0.90 0.00	66.60 1.11 0.00	76.84 0.46 0.00	71.95 0.78 0.00	55.43 0.49 0.00	46.37 0.55 0.00	39.71 0.82 0.00	36.77 0.79 0.00
MAPLEWOD_115KV_TB3 80458	34.13 1.25 0.00	31.40 1.15 0.00	31.33 1.03 0.00	30.21 1.05 0.00	31.39 1.06 0.00	36.68 1.21 0.00	54.01 1.98 0.00	76.05 3.00 0.12	54.37 2.09 0.05	40.22 1.32 0.01	36.23 1.19 0.00	32.98 1.00 0.29	34.57 0.96 0.55	30.23 1.01 0.46	35.25 1.01 0.74	38.53 1.07 0.62	48.63 1.37 0.04	67.81 2.42 0.09	79.05 2.90 0.23	73.62 2.56 0.11	56.88 1.98 0.04	47.34 1.51 0.00	40.10 1.21 0.00	36.97 1.15 0.16
MAPLE_RIDGE_WT_1 323574	31.89 -0.99 0.00	29.34 -0.91 0.00	29.45 -0.85 0.00	28.40 -0.76 0.00	29.60 -0.73 0.00	34.73 -0.75 0.00	51.15 -0.88 0.00	72.30 -0.87 0.00	51.80 -0.52 0.00	38.55 -0.35 0.00	34.68 -0.35 0.00	31.94 -0.32 0.00	33.79 -0.38 0.00	29.27 -0.42 0.00	34.52 -0.46 0.00	37.56 -0.53 0.00	46.73 -0.57 0.00	64.70 -0.78 0.00	75.31 -1.07 0.00	70.11 -1.07 0.00	54.06 -0.88 0.00	45.14 -0.69 0.00	38.38 -0.51 0.00	35.55 -0.43 0.00
MAPLE_RIDGE_WT_2 323611	31.89 -0.99 0.00	29.34 -0.91 0.00	29.45 -0.85 0.00	28.40 -0.76 0.00	29.60 -0.73 0.00	34.73 -0.75 0.00	51.15 -0.88 0.00	72.30 -0.87 0.00	51.80 -0.52 0.00	38.55 -0.35 0.00	34.68 -0.35 0.00	31.94 -0.32 0.00	33.79 -0.38 0.00	29.27 -0.42 0.00	34.52 -0.46 0.00	37.56 -0.53 0.00	46.73 -0.57 0.00	64.70 -0.78 0.00	75.31 -1.07 0.00	70.11 -1.07 0.00	54.06 -0.88 0.00	45.14 -0.69 0.00	38.38 -0.51 0.00	35.55 -0.43 0.00
MARBLE_RIVER_WT_PWR 323696	30.41 -2.47 0.00	27.92 -2.33 0.00	28.09 -2.21 0.00	26.97 -2.19 0.00	28.09 -2.24 0.00	32.99 -2.48 0.00	48.29 -3.75 0.00	68.42 -4.75 0.00	49.19 -3.14 0.00	37.23 -1.67 0.00	33.78 -1.26 0.00	31.36 -0.90 0.00	33.82 -0.34 0.00	29.60 -0.09 0.00	35.33 0.35 0.00	38.55 0.46 0.00	47.11 -0.19 0.00	64.57 -0.92 0.00	74.32 -2.06 0.00	69.46 -1.71 0.00	53.35 -1.60 0.00	44.91 -0.92 0.00	39.13 0.23 0.00	36.23 0.25 0.00
MARSHVLE_115KV_TB1 80742	34.06 1.18 0.00	31.31 1.06 0.00	31.45 1.15 0.00	30.30 1.14 0.00	31.55 1.21 0.00	37.00 1.53 0.00	54.90 2.86 0.00	77.27 4.10 0.00	53.74 1.41 0.00	38.75 -0.16 0.00	34.47 -0.56 0.00	31.45 -0.68 0.14	33.02 -0.85 0.29	28.94 -0.56 0.18	33.92 -0.66 0.40	37.53 -0.23 0.33	47.72 0.43 0.00	67.63 2.16 0.01	79.84 3.67 0.20	74.30 3.20 0.07	57.63 2.69 0.00	47.89 2.06 0.00	40.48 1.59 0.00	37.33 1.44 0.09
MARSH_HILL_WT_PWR 323713	32.88 0.00 0.00	30.40 0.15 0.00	30.48 0.18 0.00	29.22 0.06 0.00	30.33 0.00 0.00	35.73 0.25 0.00	52.35 0.31 0.00	72.52 -0.73 -0.08	51.26 -1.10 -0.04	37.82 -1.09 0.00	33.95 -1.09 0.00	31.22 -1.13 -0.08	33.02 -1.16 -0.02	29.06 -0.95 -0.33	33.44 -1.54 0.00	36.62 -1.49 -0.01	45.24 -2.08 -0.03	64.25 -1.25 -0.02	75.41 -0.30 0.66	70.67 -0.28 0.21	54.86 -0.11 -0.03	45.64 -0.18 0.00	38.54 -0.35 0.00	35.55 -0.43 0.00
MCINTYRE_115KV_TB2 80467	33.27 0.39 0.00	30.58 0.33 0.00	30.75 0.45 0.00	29.51 0.35 0.00	30.79 0.45 0.00	36.04 0.57 0.00	53.13 1.09 0.00	74.71 1.54 0.00	52.85 0.52 0.00	38.98 0.08 0.00	35.07 0.04 0.00	32.27 0.00 0.00	34.37 0.20 0.00	29.74 0.06 0.00	35.33 0.35 0.00	38.51 0.42 0.00	48.19 0.90 0.00	66.79 1.31 0.00	77.60 1.22 0.00	72.74 1.57 0.00	56.26 1.32 0.00	47.06 1.24 0.00	40.02 1.13 0.00	37.13 1.15 0.00
MECO_____69_KV_BK1 80468	34.62 1.74 0.00	31.85 1.60 0.00	31.97 1.67 0.00	30.82 1.66 0.00	32.09 1.76 0.00	37.64 2.16 0.00	55.83 3.80 0.00	78.58 5.41 0.00	54.68 2.35 0.00	39.45 0.54 0.00	34.96 -0.07 0.00	31.77 -0.32 0.17	33.28 -0.55 0.33	29.17 -0.27 0.25	34.28 -0.24 0.45	37.95 0.23 0.37	48.52 1.23 0.00	68.94 3.47 0.01	81.39 5.19 0.18	75.66 4.55 0.07	58.57 3.63 0.00	48.71 2.89 0.00	41.18 2.29 0.00	37.96 2.09 0.10
MENANDS___115KV_TB5 355628	34.03 1.15 0.00	31.31 1.06 0.00	31.21 0.91 0.00	30.12 0.96 0.00	31.30 0.97 0.00	36.58 1.10 0.00	53.80 1.77 0.00	75.76 2.71 0.12	54.21 1.94 0.05	40.14 1.24 0.01	36.16 1.12 0.00	32.91 0.94 0.29	34.50 0.89 0.55	30.20 0.98 0.47	35.21 0.98 0.74	38.42 0.95 0.63	48.49 1.23 0.04	67.55 2.16 0.09	78.75 2.60 0.23	73.27 2.21 0.11	56.61 1.70 0.04	47.15 1.33 0.00	39.94 1.05 0.00	36.83 1.01 0.16
MG INDUSTRY___DRP 24185	33.90 1.02 0.00	31.18 0.94 0.00	31.15 0.85 0.00	30.03 0.87 0.00	31.30 0.97 0.00	36.58 1.10 0.00	53.86 1.82 0.00	75.57 2.49 0.09	53.91 1.62 0.04	39.79 0.89 0.00	35.74 0.70 0.00	32.70 0.58 0.14	34.52 0.58 0.22	29.94 0.56 0.31	35.35 0.66 0.29	38.61 0.76 0.25	48.12 0.85 0.03	67.11 1.70 0.08	78.30 2.14 0.22	72.92 1.85 0.10	56.34 1.43 0.03	46.97 1.15 0.00	39.82 0.93 0.00	36.86 0.97 0.08

MID___OSWEGATCHIE_HYD 23849	32.98 0.10 0.00	30.31 0.06 0.00	30.45 0.15 0.00	29.22 0.06 0.00	30.48 0.15 0.00	35.69 0.21 0.00	52.82 0.78 0.00	74.99 1.32 -0.51	52.90 0.58 0.00	39.14 0.23 0.00	35.21 0.18 0.00	32.27 0.00 0.00	34.26 0.10 0.00	29.72 0.03 0.00	35.15 0.17 0.00	38.40 0.30 0.00	47.58 0.28 0.00	65.81 0.33 0.00	77.06 0.46 -0.22	71.95 0.71 -0.07	55.65 0.71 0.00	46.69 0.87 0.00	39.63 0.74 0.00	36.70 0.72 0.00
MID___RAQUETTE_HYD 23851	32.88 0.00 0.00	30.22 -0.03 0.00	30.39 0.09 0.00	29.19 0.03 0.00	30.42 0.09 0.00	35.62 0.14 0.00	52.35 0.31 0.00	73.97 0.51 -0.29	52.38 0.05 0.00	38.79 -0.12 0.00	35.03 0.00 0.00	32.20 -0.06 0.00	34.30 0.14 0.00	29.72 0.03 0.00	35.26 0.28 0.00	38.44 0.34 0.00	47.77 0.47 0.00	65.81 0.33 0.00	76.50 0.00 -0.12	71.56 0.36 -0.04	55.49 0.55 0.00	46.56 0.73 0.00	39.63 0.74 0.00	36.73 0.76 0.00
MILLIKEN___1 23584	33.37 0.49 0.00	30.70 0.45 0.00	30.75 0.45 0.00	29.57 0.41 0.00	30.76 0.42 0.00	36.08 0.60 0.00	53.13 1.09 0.00	74.77 1.17 -0.43	53.20 0.84 -0.03	39.53 0.62 0.00	35.49 0.46 0.00	32.66 0.32 -0.07	34.56 0.38 -0.02	30.42 0.45 -0.29	35.33 0.35 0.00	38.60 0.50 -0.01	47.65 0.33 -0.02	66.02 0.52 -0.01	76.98 1.07 0.47	72.08 1.07 0.15	55.84 0.88 -0.02	46.51 0.69 0.00	39.36 0.47 0.00	36.34 0.36 0.00
MILLIKEN___2 23585	33.37 0.49 0.00	30.70 0.45 0.00	30.75 0.45 0.00	29.57 0.41 0.00	30.76 0.42 0.00	36.08 0.60 0.00	53.13 1.09 0.00	74.77 1.17 -0.43	53.20 0.84 -0.03	39.53 0.62 0.00	35.49 0.46 0.00	32.66 0.32 -0.07	34.56 0.38 -0.02	30.42 0.45 -0.29	35.33 0.35 0.00	38.60 0.50 -0.01	47.65 0.33 -0.02	66.02 0.52 -0.01	76.98 1.07 0.47	72.08 1.07 0.15	55.84 0.88 -0.02	46.51 0.69 0.00	39.36 0.47 0.00	36.34 0.36 0.00
MILLIKEN___DIESEL 23629	33.37 0.49 0.00	30.70 0.45 0.00	30.75 0.45 0.00	29.57 0.41 0.00	30.76 0.42 0.00	36.08 0.60 0.00	53.13 1.09 0.00	74.77 1.17 -0.43	53.20 0.84 -0.03	39.53 0.62 0.00	35.49 0.46 0.00	32.66 0.32 -0.07	34.56 0.38 -0.02	30.42 0.45 -0.29	35.33 0.35 0.00	38.60 0.50 -0.01	47.65 0.33 -0.02	66.02 0.52 -0.01	76.98 1.07 0.47	72.08 1.07 0.15	55.84 0.88 -0.02	46.51 0.69 0.00	39.36 0.47 0.00	36.34 0.36 0.00
MILLSEAT___LFGE 323607	33.11 0.23 0.00	30.79 0.55 0.00	30.85 0.55 0.00	29.45 0.29 0.00	30.55 0.21 0.00	35.69 0.21 0.00	50.79 -1.25 0.00	69.22 -3.95 0.00	51.54 -0.78 0.00	39.68 0.78 0.00	35.77 0.74 0.00	33.12 0.81 -0.05	34.82 0.65 -0.01	30.74 0.86 -0.19	35.33 0.35 0.00	38.25 0.15 0.00	45.40 -1.89 0.00	61.57 -3.86 0.05	71.62 -3.98 0.79	67.69 -3.20 0.28	52.47 -2.47 0.00	44.91 -0.92 0.00	38.15 -0.74 0.00	35.37 -0.61 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.82 1.94 0.00	31.91 1.66 0.00	31.91 1.61 0.00	30.73 1.57 0.00	31.97 1.64 0.00	37.39 1.92 0.00	55.01 2.97 0.00	79.74 4.90 -1.67	56.95 3.92 -0.70	41.67 2.68 -0.08	37.57 2.52 -0.01	36.69 2.36 -2.07	38.16 2.43 -1.57	38.61 2.32 -6.61	39.15 2.45 -1.72	42.23 2.59 -1.55	50.87 3.07 -0.50	71.21 4.52 -1.20	82.70 5.35 -0.97	76.63 4.70 -0.77	58.92 3.46 -0.52	48.30 2.47 0.00	40.91 2.02 0.00	38.08 1.91 -0.20
MILLWOOD_13_KV_LOAD 356217	34.85 1.97 0.00	31.94 1.69 0.00	31.97 1.67 0.00	30.76 1.60 0.00	32.03 1.70 0.00	37.43 1.95 0.00	55.11 3.07 0.00	79.89 5.05 -1.67	57.05 4.03 -0.70	41.70 2.72 -0.08	37.61 2.56 -0.01	36.73 2.39 -2.07	38.19 2.46 -1.57	38.64 2.35 -6.61	39.18 2.48 -1.72	42.31 2.67 -1.55	50.92 3.12 -0.50	71.34 4.65 -1.20	82.85 5.50 -0.97	76.78 4.84 -0.77	59.03 3.57 -0.52	48.39 2.57 0.00	40.95 2.06 0.00	38.15 1.98 -0.20
MODEL_CITY_ENERGY 24167	32.39 -0.49 0.00	30.13 -0.12 0.00	30.15 -0.15 0.00	28.78 -0.38 0.00	29.82 -0.52 0.00	34.80 -0.68 0.00	49.22 -2.81 0.00	66.51 -6.66 0.00	49.82 -2.51 0.00	38.63 -0.27 0.00	34.93 -0.10 0.00	32.29 -0.03 -0.05	33.97 -0.20 -0.01	30.04 0.15 -0.20	34.42 -0.56 0.00	37.14 -0.95 0.00	44.03 -3.26 0.00	59.48 -5.96 0.05	68.95 -6.65 0.79	64.99 -5.91 0.28	50.44 -4.50 0.00	43.35 -2.48 0.00	36.99 -1.90 0.00	34.36 -1.62 0.00
MODERN_LFGE___ 323580	32.39 -0.49 0.00	30.13 -0.12 0.00	30.15 -0.15 0.00	28.78 -0.38 0.00	29.82 -0.52 0.00	34.80 -0.68 0.00	49.22 -2.81 0.00	66.51 -6.66 0.00	49.82 -2.51 0.00	38.63 -0.27 0.00	34.93 -0.10 0.00	32.29 -0.03 -0.05	33.97 -0.20 -0.01	30.04 0.15 -0.20	34.42 -0.56 0.00	37.14 -0.95 0.00	44.03 -3.26 0.00	59.48 -5.96 0.05	68.95 -6.65 0.79	64.99 -5.91 0.28	50.44 -4.50 0.00	43.35 -2.48 0.00	36.99 -1.90 0.00	34.36 -1.62 0.00
MOHAWK_PAPER___DRP 24187	34.13 1.25 0.00	31.40 1.15 0.00	31.33 1.03 0.00	30.21 1.05 0.00	31.39 1.06 0.00	36.68 1.21 0.00	54.01 1.98 0.00	76.05 3.00 0.12	54.37 2.09 0.05	40.22 1.32 0.01	36.23 1.19 0.00	32.98 1.00 0.29	34.57 0.96 0.55	30.23 1.01 0.46	35.25 1.01 0.74	38.53 1.07 0.62	48.63 1.37 0.04	67.81 2.42 0.09	79.05 2.90 0.23	73.62 2.56 0.11	56.88 1.98 0.04	47.34 1.51 0.00	40.10 1.21 0.00	36.97 1.15 0.16
MOHICAN___35_KV_115KV_LD 80490	34.39 1.51 0.00	31.67 1.42 0.00	31.69 1.39 0.00	30.56 1.40 0.00	31.79 1.46 0.00	37.07 1.60 0.00	54.85 2.81 0.00	77.23 4.17 0.11	54.85 2.56 0.04	40.26 1.36 0.01	36.05 1.02 0.00	32.80 0.81 0.28	34.27 0.65 0.54	30.03 0.77 0.43	35.09 0.84 0.73	38.43 0.95 0.61	48.82 1.56 0.03	68.41 3.01 0.09	80.28 4.12 0.22	74.62 3.56 0.11	57.60 2.69 0.03	47.93 2.11 0.00	40.60 1.71 0.00	37.40 1.58 0.16
MONGAUP___HYD 23641	34.88 2.01 0.00	31.97 1.72 0.00	32.00 1.70 0.00	30.79 1.63 0.00	32.06 1.73 0.00	37.46 1.99 0.00	55.53 3.49 0.00	79.75 5.27 -1.31	56.64 3.77 -0.55	41.42 2.45 -0.06	37.18 2.14 -0.01	35.85 1.97 -1.61	37.50 2.02 -1.32	36.71 2.02 -5.01	38.64 2.17 -1.49	41.82 2.40 -1.33	50.86 3.17 -0.39	71.20 4.78 -0.94	82.88 5.80 -0.70	77.23 5.48 -0.58	59.35 4.01 -0.40	48.67 2.84 0.00	41.15 2.25 0.00	38.27 2.12 -0.17
MONTAUK___DIESEL 23721	21.59 0.23 11.52	19.38 0.03 10.90	18.78 0.03 11.55	20.25 0.06 8.97	19.02 0.09 11.40	27.95 0.21 7.74	37.58 -0.16 14.30	30.68 1.17 43.66	29.18 1.67 24.82	19.48 1.24 20.67	12.63 1.58 23.98	13.06 1.71 20.92	13.08 1.43 22.52	13.91 1.40 17.17	14.20 1.29 22.07	17.65 1.14 21.59	35.50 1.32 13.12	42.92 2.10 24.66	48.38 2.60 30.60	51.07 1.78 21.88	45.35 0.82 10.41	39.25 0.00 6.57	37.75 -0.47 0.68	28.12 0.07 7.93
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.41 0.53 0.00	30.94 0.70 0.00	30.82 0.52 0.00	29.30 0.15 0.00	30.24 -0.09 0.00	35.05 -0.43 0.00	50.32 -1.72 0.00	67.98 -5.20 0.00	49.82 -2.51 0.00	38.71 -0.19 0.00	34.96 -0.07 0.00	32.20 -0.13 -0.06	33.94 -0.24 -0.01	30.13 0.21 -0.23	34.45 -0.52 0.00	37.25 -0.84 0.00	44.93 -2.36 0.00	61.05 -4.39 0.05	71.71 -3.90 0.78	67.98 -2.92 0.27	52.69 -2.25 0.00	44.68 -1.15 0.00	38.11 -0.78 0.00	35.22 -0.76 0.00

MORRIS_RIDGE___SOLAR 323848	32.94 0.07 0.00	30.43 0.18 0.00	30.51 0.21 0.00	29.22 0.06 0.00	30.33 0.00 0.00	35.62 0.14 0.00	52.14 0.10 0.00	72.23 -1.02 -0.09	51.06 -1.31 -0.04	1.16 -1.28 36.46	-0.43 -1.19 34.27	4.20 -1.23 26.84	4.35 -1.26 28.55	29.11 -0.92 -0.34	4.33 -1.54 29.11	36.58 -1.52 -0.01	45.19 -2.13 -0.03	64.06 -1.44 -0.02	75.03 -0.69 0.66	70.32 -0.64 0.21	54.64 -0.33 -0.03	45.50 -0.32 0.00	38.46 -0.43 0.00	35.51 -0.47 0.00
MORTIMER_115KV_TB3 55949	32.91 0.03 0.00	30.43 0.18 0.00	30.48 0.18 0.00	29.22 0.06 0.00	30.36 0.03 0.00	35.44 -0.04 0.00	51.36 -0.68 0.00	70.98 -2.20 0.00	51.65 -0.68 0.00	39.29 0.39 0.00	35.35 0.32 0.00	32.76 0.45 -0.04	34.51 0.34 -0.01	30.29 0.45 -0.16	35.19 0.21 0.00	38.24 0.15 0.00	46.25 -1.04 0.00	63.08 -2.36 0.05	73.53 -2.06 0.79	69.33 -1.57 0.28	53.79 -1.15 0.00	45.41 -0.41 0.00	38.42 -0.47 0.00	35.55 -0.43 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.08 2.20 0.00	32.12 1.88 0.00	32.12 1.82 0.00	30.91 1.75 0.00	32.18 1.85 0.00	37.64 2.16 0.00	55.37 3.33 -0.01	82.00 5.34 -3.49	58.08 4.29 -1.46	42.10 3.03 -0.16	37.97 2.91 -0.03	37.08 2.74 -2.07	38.71 2.77 -1.78	38.77 2.61 -6.47	39.79 2.76 -2.04	42.97 2.93 -1.94	51.75 3.41 -1.05	73.06 5.04 -2.53	84.50 5.88 -2.24	78.04 5.20 -1.68	59.87 3.85 -1.08	48.62 2.80 0.00	41.22 2.33 0.00	38.37 2.19 -0.20
MUNSVILLE_WIND_PWR 323609	34.36 1.48 0.00	31.67 1.42 0.00	31.81 1.51 0.00	30.56 1.40 0.00	31.97 1.64 0.00	37.64 2.16 0.00	55.83 3.80 0.00	78.62 5.34 -0.11	55.73 3.35 -0.05	40.58 1.67 -0.01	36.12 1.09 0.00	33.22 0.81 -0.15	35.03 0.72 -0.15	30.87 0.74 -0.44	36.13 0.98 -0.17	39.73 1.48 -0.15	49.17 1.84 -0.03	68.67 3.14 -0.04	80.34 4.51 0.55	75.42 4.41 0.17	58.33 3.35 -0.03	48.34 2.52 0.00	40.76 1.87 0.00	37.78 1.80 0.00
N SALMON___HYD 24042	32.45 -0.43 0.00	29.82 -0.42 0.00	30.00 -0.30 0.00	28.81 -0.35 0.00	30.03 -0.30 0.00	35.16 -0.32 0.00	51.78 -0.26 0.00	72.88 -0.29 0.00	52.07 -0.26 0.00	38.83 -0.08 0.00	35.00 -0.03 0.00	32.27 0.00 0.00	34.50 0.34 0.00	30.01 0.33 0.00	35.61 0.63 0.00	38.78 0.69 0.00	48.19 0.90 0.00	66.60 1.11 0.00	76.84 0.46 0.00	71.96 0.78 0.00	55.43 0.49 0.00	46.38 0.55 0.00	39.71 0.82 0.00	36.77 0.79 0.00
N.AKRON__115KV_KNAPP 355671	33.08 0.20 0.00	30.76 0.51 0.00	30.78 0.48 0.00	29.57 0.41 0.00	30.48 0.15 0.00	35.44 -0.04 0.00	50.68 -1.35 0.00	69.00 -4.17 0.00	50.91 -1.41 0.00	39.64 0.74 0.00	35.70 0.67 0.00	33.09 0.77 -0.05	34.72 0.55 -0.01	30.65 0.77 -0.19	35.29 0.31 0.00	38.17 0.08 0.00	45.31 -1.99 0.00	60.85 -4.58 0.05	71.39 -4.20 0.79	67.41 -3.49 0.28	52.30 -2.64 0.00	44.77 -1.05 0.00	38.07 -0.82 0.00	35.26 -0.72 0.00
N.E_GEN_SANDY PD 24062	34.36 1.48 0.00	31.58 1.33 0.00	31.48 1.18 0.00	30.33 1.17 0.00	31.55 1.21 0.00	36.82 1.35 0.00	52.64 2.19 1.58	71.33 3.44 5.28	52.68 2.56 2.21	40.42 1.75 0.24	36.69 1.68 0.03	32.45 1.49 1.30	32.08 1.47 3.55	30.16 1.45 0.98	31.46 1.47 4.99	35.14 1.56 4.51	47.55 1.84 1.59	64.70 3.08 3.86	77.29 3.59 2.68	71.60 3.13 2.69	55.67 2.36 1.63	46.67 1.79 0.94	40.33 1.44 0.00	36.00 1.22 1.20
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.85 1.97 0.00	31.94 1.69 0.00	31.94 1.64 0.00	30.76 1.60 0.00	32.00 1.67 0.00	37.46 1.99 0.00	55.16 3.12 0.00	79.85 5.12 -1.56	57.01 4.03 -0.65	41.74 2.76 -0.07	37.64 2.59 -0.01	36.57 2.39 -1.91	38.11 2.46 -1.49	38.11 2.37 -6.05	39.15 2.52 -1.66	42.24 2.67 -1.49	50.93 3.17 -0.47	71.33 4.71 -1.13	82.77 5.50 -0.89	76.72 4.84 -0.71	59.05 3.63 -0.48	48.39 2.57 0.00	40.99 2.10 0.00	38.14 1.98 -0.19
N.QUEENS_27_KV_LOAD 356247	35.32 2.43 -0.01	32.28 2.03 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.85 2.38 0.00	55.63 3.59 -0.01	81.82 5.34 -3.30	58.00 4.29 -1.38	42.24 3.19 -0.15	38.18 3.12 -0.02	37.29 2.94 -2.08	38.96 3.04 -1.76	39.00 2.85 -6.46	39.94 2.94 -2.02	43.09 3.09 -1.91	51.79 3.50 -0.99	72.99 5.11 -2.40	84.45 5.96 -2.11	77.95 5.20 -1.58	59.80 3.85 -1.02	48.85 3.02 0.00	41.54 2.64 -0.01	38.59 2.41 -0.20
N.TROY___115KV_TB1 355778	34.29 1.41 0.00	31.55 1.30 0.00	31.48 1.18 0.00	30.33 1.17 0.00	31.55 1.21 0.00	36.86 1.38 0.00	54.32 2.29 0.00	76.49 3.44 0.12	54.69 2.41 0.05	40.45 1.56 0.01	36.44 1.40 0.00	33.12 1.19 0.34	34.63 1.16 0.69	30.40 1.19 0.47	35.27 1.22 0.94	38.60 1.30 0.79	48.91 1.66 0.04	68.27 2.88 0.09	79.67 3.51 0.23	74.12 3.06 0.11	57.21 2.31 0.04	47.66 1.83 0.00	40.33 1.44 0.00	37.06 1.30 0.21
NARROWS_GT1_1 24228	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.29 4.51 -2.29	83.84 5.34 -2.12	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NARROWS_GT1_2 24229	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.29 4.51 -2.29	83.84 5.34 -2.12	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NARROWS_GT1_3 24230	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.29 4.51 -2.29	83.84 5.34 -2.12	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NARROWS_GT1_4 24231	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.29 4.51 -2.29	83.84 5.34 -2.12	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NARROWS_GT1_5 24232	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.29 4.51 -2.29	83.84 5.34 -2.12	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22

NARROWS_GT1_6 24233	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.29 4.51 -2.29	83.84 5.34 -2.12	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NARROWS_GT1_7 24234	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.29 4.51 -2.29	83.84 5.34 -2.12	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NARROWS_GT1_8 24235	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.29 4.51 -2.29	83.84 5.34 -2.12	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NARROWS_GT2_1 24236	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NARROWS_GT2_2 24237	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NARROWS_GT2_3 24238	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NARROWS_GT2_4 24239	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NARROWS_GT2_5 24240	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NARROWS_GT2_6 24241	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NARROWS_GT2_7 24242	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NARROWS_GT2_8 24243	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.45 4.51 -2.45	83.99 5.34 -2.27	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.19 1.32 0.00	31.49 1.24 0.00	31.39 1.09 0.00	30.30 1.14 0.00	31.97 1.64 0.00	37.36 1.88 0.00	55.52 3.49 0.00	77.27 4.10 0.00	54.73 2.41 0.00	40.19 1.28 0.00	35.84 0.81 0.00	32.85 0.58 0.00	35.12 0.96 0.00	30.19 0.50 0.00	36.20 1.22 0.00	39.58 1.49 0.00	48.34 1.04 0.00	67.57 2.10 0.01	79.05 2.83 0.16	73.82 2.70 0.06	56.86 1.92 0.00	47.52 1.70 0.00	40.21 1.32 0.00	37.46 1.55 0.06
NCHELSEA_115KV_TR2 355582	35.05 2.17 0.00	32.12 1.88 0.00	32.12 1.82 0.00	30.94 1.78 0.00	32.21 1.88 0.00	37.64 2.16 0.00	55.78 3.75 0.00	79.03 5.71 -0.15	56.73 4.34 -0.06	41.71 2.80 -0.01	37.42 2.38 0.00	35.26 2.19 -0.80	37.80 2.32 -1.31	33.58 2.32 -1.58	39.23 2.52 -1.73	42.28 2.74 -1.45	50.84 3.50 -0.05	70.76 5.17 -0.10	82.49 6.19 0.08	76.87 5.69 -0.01	59.16 4.18 -0.05	48.85 3.02 0.00	40.99 2.10 0.00	38.09 1.98 -0.14
NEG CAPITAL___MECHNVIL 23645	34.49 1.61 0.00	31.73 1.48 0.00	31.75 1.45 0.00	30.59 1.43 0.00	31.82 1.49 0.00	37.14 1.67 0.00	54.84 2.81 0.00	77.23 4.17 0.11	55.00 2.72 0.05	40.57 1.67 0.01	36.44 1.40 0.00	33.16 1.19 0.30	34.66 1.09 0.60	30.37 1.13 0.44	35.39 1.22 0.81	38.78 1.37 0.68	49.16 1.89 0.03	68.67 3.27 0.09	81.99 4.27 -1.34	74.76 3.70 0.11	57.76 2.86 0.03	48.07 2.24 0.00	40.72 1.83 0.00	37.45 1.66 0.18
NEG CENTRAL_HIGH_ACRES 23767	32.16 -0.72 0.00	29.73 -0.51 0.00	29.78 -0.52 0.00	28.58 -0.58 0.00	29.67 -0.67 0.00	34.77 -0.71 0.00	50.58 -1.46 0.00	70.57 -2.93 -0.33	51.07 -1.26 0.00	38.44 -0.47 0.00	34.62 -0.42 0.00	32.02 -0.29 -0.04	33.83 -0.34 -0.01	29.67 -0.18 -0.16	34.45 -0.52 0.00	37.48 -0.61 0.00	45.55 -1.75 0.00	62.49 -2.95 0.05	72.80 -2.98 0.60	68.39 -2.56 0.22	53.02 -1.92 0.00	44.63 -1.19 0.00	37.76 -1.13 0.00	34.86 -1.12 0.00



NEG CENTRAL___DRP 24199	33.01 0.13 0.00	30.43 0.18 0.00	30.48 0.18 0.00	29.28 0.12 0.00	30.45 0.12 0.00	35.73 0.25 0.00	52.40 0.36 0.00	73.95 0.00 -0.78	52.43 0.10 0.00	39.18 0.27 0.00	35.21 0.18 0.00	32.44 0.13 -0.05	34.34 0.17 -0.01	30.11 0.24 -0.19	35.01 0.03 0.00	38.21 0.11 0.00	46.92 -0.38 0.00	65.12 -0.33 0.04	76.29 0.15 0.24	71.28 0.21 0.10	55.16 0.22 0.00	46.01 0.18 0.00	38.93 0.04 0.00	35.91 -0.07 0.00
NEG CENTRAL___INDECK 23768	33.83 0.95 0.00	31.30 1.06 0.00	31.39 1.09 0.00	30.06 0.90 0.00	31.21 0.88 0.00	36.72 1.24 0.00	53.55 1.51 0.00	74.05 0.88 0.00	53.16 0.83 0.00	39.52 0.62 0.00	35.49 0.45 0.00	32.72 0.39 -0.07	34.52 0.34 -0.01	30.39 0.45 -0.26	35.15 0.18 0.00	38.43 0.34 0.00	46.97 -0.33 0.00	65.50 0.07 0.05	76.93 1.30 0.75	72.47 1.56 0.26	56.21 1.26 0.00	47.15 1.33 0.00	39.79 0.90 0.00	36.66 0.68 0.00
NEG CENTRAL___SENECA 23627	33.21 0.33 0.00	30.61 0.36 0.00	30.66 0.36 0.00	29.45 0.29 0.00	30.61 0.27 0.00	35.94 0.46 0.00	52.61 0.57 0.00	73.70 0.07 -0.46	52.54 0.21 0.00	39.33 0.43 0.00	35.35 0.32 0.00	32.58 0.26 -0.05	34.45 0.27 -0.01	30.25 0.36 -0.21	35.12 0.14 0.00	38.32 0.23 0.00	46.87 -0.43 0.00	65.25 -0.20 0.04	76.36 0.46 0.48	71.56 0.57 0.18	55.38 0.44 0.00	46.24 0.41 0.00	39.08 0.19 0.00	36.09 0.11 0.00
NEG CENTRAL___STATE_STREET 24147	32.94 0.07 0.00	30.31 0.06 0.00	30.36 0.06 0.00	29.19 0.03 0.00	30.33 0.00 0.00	35.62 0.14 0.00	52.35 0.31 0.00	74.28 0.15 -0.97	52.54 0.21 0.00	39.10 0.19 0.00	35.14 0.11 0.00	32.38 0.06 -0.05	34.27 0.10 -0.01	30.05 0.18 -0.19	35.01 0.03 0.00	38.17 0.08 0.00	47.06 -0.24 0.00	65.12 -0.33 0.03	76.35 0.08 0.11	71.25 0.14 0.06	55.11 0.16 0.00	45.96 0.14 0.00	38.85 -0.04 0.00	35.87 -0.11 0.00
NEG MILLWOOD___DRP 24198	34.98 2.10 0.00	32.09 1.85 0.00	32.12 1.82 0.00	30.91 1.75 0.00	32.21 1.88 0.00	37.57 2.09 0.00	55.57 3.54 0.00	78.90 5.56 -0.17	56.74 4.34 -0.07	41.67 2.76 -0.01	37.42 2.38 0.00	35.70 2.23 -1.21	37.98 2.36 -1.46	35.06 2.32 -3.06	39.33 2.52 -1.83	42.41 2.78 -1.53	50.75 3.41 -0.05	70.57 4.98 -0.11	82.43 6.11 0.07	76.67 5.48 -0.02	59.00 4.01 -0.05	48.76 2.93 0.00	41.03 2.14 0.00	38.16 2.01 -0.16
NEG NORTH_FLCN_SEA 23793	31.10 -1.78 0.00	28.58 -1.66 0.00	28.75 -1.55 0.00	27.61 -1.55 0.00	28.72 -1.61 0.00	33.74 -1.74 0.00	49.28 -2.76 0.00	69.66 -3.51 0.00	50.02 -2.30 0.00	37.81 -1.09 0.00	34.19 -0.84 0.00	31.69 -0.58 0.00	34.06 -0.10 0.00	29.74 0.06 0.00	35.40 0.42 0.00	38.59 0.50 0.00	46.96 -0.33 0.00	64.24 -1.24 0.00	74.01 -2.37 0.00	69.18 -1.99 0.00	53.13 -1.81 0.00	44.86 -0.96 0.00	39.28 0.39 0.00	36.37 0.40 0.00
NEG NORTH_KES_CHATEGAY 23792	31.86 -1.02 0.00	29.28 -0.97 0.00	29.42 -0.88 0.00	28.28 -0.87 0.00	29.45 -0.88 0.00	34.52 -0.96 0.00	50.68 -1.35 0.00	71.41 -1.76 0.00	51.02 -1.31 0.00	38.09 -0.82 0.00	34.37 -0.67 0.00	31.75 -0.52 0.00	33.96 -0.20 0.00	29.51 -0.18 0.00	35.08 0.10 0.00	38.24 0.15 0.00	47.53 0.24 0.00	65.62 0.13 0.00	75.85 -0.53 0.00	70.89 -0.28 0.00	54.50 -0.44 0.00	45.64 -0.18 0.00	39.12 0.23 0.00	36.26 0.29 0.00
NEG NORTH___ALICE_FALLS 23915	31.47 -1.41 0.00	28.92 -1.33 0.00	29.09 -1.21 0.00	27.93 -1.22 0.00	29.09 -1.24 0.00	34.16 -1.31 0.00	50.06 -1.98 0.00	70.61 -2.56 0.00	50.65 -1.67 0.00	38.13 -0.78 0.00	34.40 -0.63 0.00	31.85 -0.42 0.00	34.23 0.07 0.00	29.86 0.18 0.00	35.54 0.56 0.00	38.74 0.65 0.00	47.53 0.24 0.00	65.35 -0.13 0.00	75.23 -1.15 0.00	70.46 -0.71 0.00	54.12 -0.82 0.00	45.50 -0.32 0.00	39.51 0.62 0.00	36.59 0.61 0.00
NEG NORTH___LWR_SARANAC 23913	31.47 -1.41 0.00	28.92 -1.33 0.00	29.09 -1.21 0.00	27.93 -1.22 0.00	29.09 -1.24 0.00	34.16 -1.31 0.00	50.06 -1.98 0.00	70.61 -2.56 0.00	50.65 -1.67 0.00	38.13 -0.78 0.00	34.40 -0.63 0.00	31.85 -0.42 0.00	34.23 0.07 0.00	29.86 0.18 0.00	35.54 0.56 0.00	38.74 0.65 0.00	47.53 0.24 0.00	65.35 -0.13 0.00	75.23 -1.15 0.00	70.46 -0.71 0.00	54.12 -0.82 0.00	45.50 -0.32 0.00	39.51 0.62 0.00	36.59 0.61 0.00
NEG NORTH___PLATTSBURG 23628	31.47 -1.41 0.00	28.92 -1.33 0.00	29.09 -1.21 0.00	27.94 -1.22 0.00	29.09 -1.24 0.00	34.13 -1.35 0.00	50.06 -1.98 0.00	70.61 -2.56 0.00	50.65 -1.68 0.00	38.13 -0.78 0.00	34.41 -0.63 0.00	31.85 -0.42 0.00	34.23 0.07 0.00	29.86 0.18 0.00	35.54 0.56 0.00	38.74 0.65 0.00	47.53 0.24 0.00	65.35 -0.13 0.00	75.24 -1.14 0.00	70.46 -0.71 0.00	54.12 -0.82 0.00	45.50 -0.32 0.00	39.51 0.62 0.00	36.59 0.61 0.00
NEG WEST_LEA_LOCKPORT 23791	32.71 -0.16 0.00	30.43 0.18 0.00	30.42 0.12 0.00	29.22 0.06 0.00	30.09 -0.24 0.00	34.94 -0.53 0.00	49.75 -2.29 0.00	67.24 -5.93 0.00	49.82 -2.51 0.00	39.10 0.19 0.00	35.28 0.25 0.00	32.64 0.32 -0.05	34.28 0.10 -0.01	30.27 0.39 -0.20	34.80 -0.17 0.00	37.52 -0.57 0.00	44.46 -2.84 0.00	59.48 -5.96 0.05	69.64 -5.96 0.79	65.70 -5.20 0.28	50.98 -3.96 0.00	43.81 -2.02 0.00	37.33 -1.56 0.00	34.65 -1.33 0.00
NEG WEST___LANCASTR 23811	32.52 -0.36 0.00	30.19 -0.06 0.00	30.18 -0.12 0.00	28.87 -0.29 0.00	29.91 -0.42 0.00	34.80 -0.67 0.00	50.11 -1.93 0.00	68.05 -5.12 0.00	50.02 -2.30 0.00	38.79 -0.12 0.00	35.03 0.00 -0.06	32.33 0.00 -0.01	33.97 -0.20 -0.01	30.07 0.15 -0.24	34.49 -0.49 0.00	37.22 -0.88 0.00	44.65 -2.65 0.00	60.46 -4.98 0.05	70.49 -5.12 0.78	66.34 -4.55 0.27	51.48 -3.46 0.00	43.76 -2.06 0.00	37.33 -1.56 0.00	34.65 -1.33 0.00
NEG_PENN_ALLEGHNY 23528	33.34 0.46 0.00	30.70 0.45 0.00	30.78 0.48 0.00	29.54 0.38 0.00	30.73 0.39 0.00	35.97 0.50 0.00	52.76 0.73 0.00	74.09 0.81 -0.12	53.21 0.83 -0.05	39.69 0.78 -0.01	35.74 0.70 0.00	33.01 0.58 -0.16	34.97 0.65 -0.16	30.83 0.68 -0.46	35.69 0.53 -0.19	38.83 0.57 -0.16	47.62 0.29 -0.04	65.85 0.33 -0.04	76.38 0.61 0.61	71.55 0.57 0.19	55.53 0.55 -0.04	46.28 0.46 0.00	39.20 0.31 0.00	36.30 0.32 0.00
NEG___GEN_MONROE 24207	33.01 0.13 0.00	30.61 0.36 0.00	30.63 0.33 0.00	29.36 0.20 0.00	30.51 0.18 0.00	35.62 0.14 0.00	51.36 -0.68 0.00	70.76 -2.41 0.00	51.59 -0.73 0.00	39.41 0.51 0.00	35.49 0.46 0.00	32.92 0.61 -0.04	34.62 0.44 -0.01	30.38 0.53 -0.16	35.26 0.28 0.00	38.24 0.15 0.00	46.11 -1.18 0.00	62.75 -2.68 0.05	73.30 -2.29 0.79	69.11 -1.78 0.28	53.68 -1.26 0.00	45.41 -0.41 0.00	38.50 -0.39 0.00	35.65 -0.32 0.00
NEPA___ENERGY 23901	33.08 0.20 0.00	30.70 0.45 0.00	30.69 0.39 0.00	29.33 0.17 0.00	30.39 0.06 0.00	35.33 -0.14 0.00	50.84 -1.20 0.00	69.22 -3.95 0.00	50.76 -1.57 0.00	39.25 0.35 0.00	35.49 0.46 0.00	32.75 0.42 -0.06	34.45 0.27 -0.01	30.49 0.56 -0.24	34.94 -0.03 0.00	37.75 -0.34 0.00	45.36 -1.94 0.00	61.57 -3.86 0.05	71.86 -3.74 0.78	67.62 -3.27 0.27	52.47 -2.47 0.00	44.49 -1.33 0.00	37.92 -0.97 0.00	35.22 -0.76 0.00

NEVERSINK___HYD 23608	35.02 2.14 0.00	32.09 1.85 0.00	32.12 1.82 0.00	30.91 1.75 0.00	32.21 1.88 0.00	37.64 2.16 0.00	55.83 3.80 0.00	79.38 5.71 -0.50	56.67 4.13 -0.21	41.65 2.72 -0.02	37.35 2.31 0.00	35.23 2.10 -0.87	37.38 2.22 -1.00	34.13 2.17 -2.28	38.60 2.38 -1.24	41.83 2.67 -1.07	50.90 3.45 -0.16	70.90 5.04 -0.37	82.57 6.03 -0.15	77.06 5.70 -0.19	59.33 4.23 -0.16	48.89 3.07 0.00	41.22 2.33 0.00	38.30 2.19 -0.13
NEWKRMKL_115KV_TB1 55635	33.77 0.89 0.00	31.06 0.82 0.00	30.94 0.64 0.00	29.86 0.70 0.00	31.03 0.70 0.00	36.29 0.82 0.00	53.39 1.35 0.00	75.03 1.98 0.12	53.69 1.41 0.05	39.75 0.86 0.01	35.77 0.74 0.00	32.61 0.61 0.27	34.21 0.55 0.50	29.91 0.68 0.46	34.94 0.63 0.67	38.10 0.57 0.56	47.97 0.71 0.04	66.83 1.44 0.09	77.91 1.76 0.23	72.48 1.42 0.11	56.00 1.10 0.04	46.65 0.82 0.00	39.51 0.62 0.00	36.55 0.72 0.14
NEWTON___FALLS_HYD 23847	32.98 0.10 0.00	30.31 0.06 0.00	30.45 0.15 0.00	29.22 0.06 0.00	30.48 0.15 0.00	35.69 0.21 0.00	52.82 0.78 0.00	74.99 1.32 -0.51	52.90 0.58 0.00	39.14 0.23 0.00	35.21 0.18 0.00	32.27 0.00 0.00	34.26 0.10 0.00	29.72 0.03 0.00	35.15 0.17 0.00	38.40 0.30 0.00	47.58 0.28 0.00	65.81 0.33 0.00	77.06 0.46 -0.22	71.95 0.71 -0.07	55.65 0.71 0.00	46.69 0.87 0.00	39.63 0.74 0.00	36.70 0.72 0.00
NGRID_A1_DSASP 323792	32.72 -0.16 0.00	30.43 0.18 0.00	30.45 0.15 0.00	29.10 -0.06 0.00	30.09 -0.24 0.00	35.05 -0.42 0.00	49.17 -2.86 0.00	66.15 -7.02 0.00	49.66 -2.67 0.00	38.59 -0.31 0.00	34.90 -0.14 0.00	32.26 -0.06 -0.05	33.94 -0.24 -0.01	30.01 0.12 -0.21	34.38 -0.59 0.00	37.10 -0.99 0.00	44.03 -3.26 0.00	59.41 -6.02 0.05	68.80 -6.80 0.79	64.77 -6.12 0.28	50.33 -4.61 0.00	43.26 -2.57 0.00	36.95 -1.94 0.00	34.43 -1.55 0.00
NGRID_A2_DSASP 323793	32.72 -0.16 0.00	30.43 0.18 0.00	30.45 0.15 0.00	29.10 -0.06 0.00	30.09 -0.24 0.00	35.05 -0.42 0.00	49.17 -2.86 0.00	66.15 -7.02 0.00	49.66 -2.67 0.00	38.59 -0.31 0.00	34.90 -0.14 0.00	32.26 -0.06 -0.05	33.94 -0.24 -0.01	30.01 0.12 -0.21	34.38 -0.59 0.00	37.10 -0.99 0.00	44.03 -3.26 0.00	59.41 -6.02 0.05	68.80 -6.80 0.79	64.77 -6.12 0.28	50.33 -4.61 0.00	43.26 -2.57 0.00	36.95 -1.94 0.00	34.43 -1.55 0.00
NGRID_A4_DSASP 323807	32.72 -0.16 0.00	30.43 0.18 0.00	30.45 0.15 0.00	29.10 -0.06 0.00	30.09 -0.24 0.00	35.05 -0.42 0.00	49.17 -2.86 0.00	66.15 -7.02 0.00	49.66 -2.67 0.00	38.59 -0.31 0.00	34.90 -0.14 0.00	32.26 -0.06 -0.05	33.94 -0.24 -0.01	30.01 0.12 -0.21	34.38 -0.59 0.00	37.10 -0.99 0.00	44.03 -3.26 0.00	59.41 -6.02 0.05	68.80 -6.80 0.79	64.77 -6.12 0.28	50.33 -4.61 0.00	43.26 -2.57 0.00	36.95 -1.94 0.00	34.43 -1.55 0.00
NIAGARA_115E_LBMP 323715	32.22 -0.66 0.00	29.97 -0.27 0.00	30.00 -0.30 0.00	28.63 -0.52 0.00	29.67 -0.67 0.00	34.62 -0.85 0.00	48.91 -3.12 0.00	65.93 -7.25 0.00	49.40 -2.93 0.00	38.40 -0.51 0.00	34.68 -0.35 0.00	32.10 -0.22 -0.05	33.73 -0.45 -0.01	29.83 -0.06 -0.21	34.17 -0.80 0.00	36.87 -1.22 0.00	43.80 -3.50 0.00	59.08 -6.35 0.05	68.49 -7.10 0.79	64.56 -6.33 0.28	50.11 -4.84 0.00	43.08 -2.75 0.00	36.75 -2.14 0.00	34.18 -1.80 0.00
NIAGARA_115W_LBMP 323714	32.65 -0.23 0.00	30.37 0.12 0.00	30.39 0.09 0.00	29.04 -0.12 0.00	30.03 -0.30 0.00	34.98 -0.50 0.00	49.02 -3.02 0.00	65.93 -7.25 0.00	49.45 -2.88 0.00	38.48 -0.43 0.00	34.79 -0.24 0.00	32.16 -0.16 -0.05	33.83 -0.34 -0.01	29.89 0.00 -0.21	34.24 -0.74 0.00	36.95 -1.14 0.00	43.89 -3.41 0.00	59.21 -6.22 0.05	68.57 -7.03 0.79	64.56 -6.33 0.28	50.16 -4.78 0.00	43.12 -2.70 0.00	36.83 -2.06 0.00	34.32 -1.65 0.00
NIAGARA_230_LBMP 323716	32.58 -0.30 0.00	30.28 0.03 0.00	30.33 0.03 0.00	28.96 -0.20 0.00	30.00 -0.33 0.00	34.98 -0.50 0.00	49.49 -2.55 0.00	66.73 -6.44 0.00	49.92 -2.41 0.00	38.71 -0.19 0.00	35.00 -0.03 0.00	32.38 0.06 -0.05	34.07 -0.10 -0.01	30.10 0.21 -0.21	34.49 -0.49 0.00	37.25 -0.84 0.00	44.27 -3.03 0.00	59.80 -5.63 0.05	69.25 -6.34 0.79	65.27 -5.62 0.28	50.71 -4.23 0.00	43.49 -2.34 0.00	37.10 -1.79 0.00	34.50 -1.48 0.00
NIAGARA___115KV_198_GIBSON 55903	32.65 -0.23 0.00	30.37 0.12 0.00	30.36 0.06 0.00	28.69 -0.47 0.00	30.03 -0.30 0.00	34.70 -0.78 0.00	49.02 -3.02 0.00	65.93 -7.24 0.00	48.93 -3.40 0.00	38.48 -0.43 0.00	34.75 -0.28 0.00	32.16 -0.16 -0.05	33.80 -0.38 -0.01	29.83 -0.06 -0.21	34.28 -0.70 0.00	36.95 -1.14 0.00	43.89 -3.41 0.00	58.56 -6.88 0.05	68.49 -7.10 0.79	64.56 -6.33 0.28	50.16 -4.78 0.00	43.12 -2.70 0.00	36.79 -2.10 0.00	34.29 -1.69 0.00
NIAGARA____ 23760	32.58 -0.30 0.00	30.28 0.03 0.00	30.33 0.03 0.00	28.96 -0.20 0.00	30.00 -0.33 0.00	34.98 -0.50 0.00	49.49 -2.55 0.00	66.73 -6.44 0.00	49.92 -2.41 0.00	38.71 -0.19 0.00	35.00 -0.03 0.00	32.38 0.06 -0.05	34.07 -0.10 -0.01	30.10 0.21 -0.21	34.49 -0.49 0.00	37.25 -0.84 0.00	44.27 -3.03 0.00	59.80 -5.63 0.05	69.25 -6.34 0.79	65.27 -5.62 0.28	50.71 -4.23 0.00	43.49 -2.34 0.00	37.10 -1.79 0.00	34.50 -1.48 0.00
NINE_MILE_1 23575	31.92 -0.95 0.00	29.40 -0.85 0.00	29.45 -0.85 0.00	28.34 -0.82 0.00	29.45 -0.88 0.00	34.48 -0.99 0.00	50.52 -1.51 0.00	59.39 -2.27 11.51	50.86 -1.46 0.00	37.93 -0.97 0.00	34.12 -0.91 0.00	31.43 -0.84 0.00	33.27 -0.89 0.00	28.97 -0.71 0.00	34.04 -0.94 0.00	37.07 -1.03 0.00	45.78 -1.52 0.00	62.78 -2.29 0.41	62.47 -2.52 11.39	65.12 -2.28 3.77	53.24 -1.70 0.00	44.45 -1.37 0.00	37.68 -1.21 0.00	34.82 -1.15 0.00
NINE_MILE_2 23744	31.92 -0.95 0.00	29.40 -0.85 0.00	29.45 -0.85 0.00	28.34 -0.82 0.00	29.45 -0.88 0.00	34.48 -0.99 0.00	50.52 -1.51 0.00	59.29 -2.27 11.61	50.86 -1.46 0.00	37.93 -0.97 0.00	34.12 -0.91 0.00	31.43 -0.84 0.00	33.27 -0.89 0.00	28.97 -0.71 0.00	34.04 -0.94 0.00	37.07 -1.03 0.00	45.78 -1.52 0.00	62.78 -2.29 0.41	62.38 -2.52 11.49	65.09 -2.28 3.80	53.24 -1.70 0.00	44.45 -1.37 0.00	37.68 -1.21 0.00	34.82 -1.15 0.00
NM_CAPITAL___DRP 24208	33.77 0.89 0.00	31.06 0.82 0.00	30.97 0.67 0.00	29.86 0.70 0.00	31.03 0.70 0.00	36.29 0.82 0.00	53.34 1.30 0.00	75.03 1.98 0.12	53.74 1.47 0.05	39.79 0.89 0.01	35.84 0.81 0.00	32.66 0.68 0.28	34.24 0.61 0.53	29.93 0.71 0.47	34.92 0.66 0.72	38.10 0.61 0.61	48.02 0.76 0.04	66.90 1.51 0.10	77.91 1.76 0.23	72.55 1.49 0.11	56.06 1.15 0.04	46.65 0.82 0.00	39.51 0.62 0.00	36.51 0.68 0.15
NM_CENTRAL___DRP 24181	32.58 -0.30 0.00	29.97 -0.27 0.00	30.03 -0.27 0.00	28.87 -0.29 0.00	30.03 -0.30 0.00	35.16 -0.32 0.00	51.67 -0.36 0.00	72.75 -0.80 -0.38	51.91 -0.42 0.00	38.71 -0.19 0.00	34.82 -0.21 0.00	32.07 -0.23 -0.03	33.96 -0.20 -0.01	29.70 -0.12 -0.13	34.70 -0.28 0.00	37.83 -0.27 0.00	46.63 -0.66 0.00	64.39 -1.05 0.05	74.79 -0.99 0.59	70.03 -0.93 0.22	54.28 -0.66 0.00	45.32 -0.50 0.00	38.38 -0.51 0.00	35.44 -0.54 0.00

NM_FRONTIER___DRP 24179	32.65 -0.23 0.00	30.37 0.12 0.00	30.36 0.06 0.00	28.69 -0.47 0.00	30.03 -0.30 0.00	34.70 -0.78 0.00	49.02 -3.02 0.00	65.93 -7.24 0.00	48.93 -3.40 0.00	38.48 -0.43 0.00	34.75 -0.28 0.00	32.16 -0.16 -0.05	33.80 -0.38 -0.01	29.83 -0.06 -0.21	34.28 -0.70 0.00	36.95 -1.14 0.00	43.89 -3.41 0.00	58.56 -6.88 0.05	68.49 -7.10 0.79	64.56 -6.33 0.28	50.16 -4.78 0.00	43.12 -2.70 0.00	36.79 -2.10 0.00	34.29 -1.69 0.00
NM_ST_REGIS___HYD 24053	32.78 -0.10 0.00	30.10 -0.15 0.00	30.30 0.00 0.00	29.07 -0.09 0.00	30.30 -0.03 0.00	35.48 0.00 0.00	52.19 0.16 0.00	73.46 0.29 0.00	52.28 -0.05 0.00	38.79 -0.12 0.00	35.03 0.00 0.00	32.23 -0.03 0.00	34.37 0.20 0.00	29.80 0.12 0.00	35.36 0.38 0.00	38.55 0.46 0.00	47.91 0.61 0.00	66.07 0.59 0.00	76.46 0.08 0.00	71.67 0.50 0.00	55.49 0.55 0.00	46.51 0.69 0.00	39.67 0.78 0.00	36.77 0.79 0.00
NORTHPORT___1 23551	34.13 1.25 0.00	31.21 0.97 0.01	31.20 0.91 0.01	30.06 0.90 0.01	31.27 0.94 0.01	36.53 1.06 0.01	42.28 1.45 11.21	42.28 3.30 34.19	41.02 2.98 14.29	39.69 2.33 1.55	37.39 2.56 0.20	36.97 2.65 -2.06	37.28 2.53 -0.59	37.39 2.34 -5.36	37.39 2.38 -0.03	38.03 2.29 2.34	39.61 2.60 10.28	44.18 3.66 24.97	56.85 4.35 23.88	57.30 3.28 17.15	46.60 2.20 10.54	40.27 1.10 6.65	39.18 0.85 0.56	37.25 1.08 -0.20
NORTHPORT___2 23552	34.13 1.25 0.00	31.21 0.97 0.01	31.20 0.91 0.01	30.06 0.90 0.01	31.27 0.94 0.01	36.53 1.06 0.01	42.28 1.45 11.21	42.28 3.30 34.19	41.02 2.98 14.29	39.69 2.33 1.55	37.39 2.56 0.20	36.97 2.65 -2.06	37.28 2.53 -0.59	37.39 2.34 -5.36	37.39 2.38 -0.03	38.03 2.29 2.34	39.61 2.60 10.28	44.18 3.66 24.97	56.85 4.35 23.88	57.30 3.28 17.15	46.60 2.20 10.54	40.27 1.10 6.65	39.18 0.85 0.56	37.25 1.08 -0.20
NORTHPORT___3 23553	34.38 1.22 -0.29	31.42 0.91 -0.27	31.43 0.85 -0.28	30.22 0.85 -0.22	31.49 0.88 -0.28	36.70 1.03 -0.19	42.31 1.35 11.08	42.53 3.14 33.79	41.25 2.88 13.96	40.14 2.29 1.06	37.92 2.49 -0.40	37.52 2.61 -2.64	37.80 2.46 -1.18	37.90 2.29 -5.93	37.88 2.31 -0.60	38.46 2.21 1.84	39.63 2.50 10.16	44.16 3.53 24.86	56.98 4.20 23.60	57.35 3.13 16.95	46.53 2.09 10.50	40.21 1.01 6.62	39.15 0.82 0.56	37.42 1.04 -0.40
NORTHPORT___4 23650	34.38 1.22 -0.29	31.42 0.91 -0.27	31.43 0.85 -0.28	30.22 0.85 -0.22	31.49 0.88 -0.28	36.70 1.03 -0.19	42.31 1.35 11.08	42.53 3.14 33.79	41.25 2.88 13.96	40.14 2.29 1.06	37.92 2.49 -0.40	37.52 2.61 -2.64	37.80 2.46 -1.18	37.90 2.29 -5.93	37.88 2.31 -0.60	38.46 2.21 1.84	39.63 2.50 10.16	44.16 3.53 24.86	56.98 4.20 23.60	57.35 3.13 16.95	46.53 2.09 10.50	40.21 1.01 6.62	39.15 0.82 0.56	37.42 1.04 -0.40
NORTHPORT___IC 23718	34.13 1.25 0.00	31.21 0.97 0.00	31.24 0.94 0.00	30.06 0.90 0.00	31.27 0.94 0.00	36.61 1.14 0.00	42.28 1.46 11.21	42.28 3.29 34.19	41.28 3.24 14.29	39.69 2.33 1.55	37.43 2.59 0.20	37.03 2.71 -2.06	37.28 2.53 -0.59	37.39 2.35 -5.36	37.39 2.38 -0.03	38.03 2.29 2.34	39.61 2.60 10.28	44.32 3.80 24.97	56.75 4.35 23.99	57.30 3.27 17.15	46.59 2.20 10.54	40.32 1.15 6.65	39.18 0.86 0.56	37.29 1.12 -0.20
NORTH___COUNTRY_ESR 323785	31.79 -1.08 0.00	29.22 -1.03 0.00	29.36 -0.94 0.00	28.22 -0.93 0.00	29.39 -0.94 0.00	34.45 -1.03 0.00	50.52 -1.51 0.00	71.20 -1.97 0.00	50.92 -1.41 0.00	38.05 -0.86 0.00	34.33 -0.70 0.00	31.75 -0.52 0.00	33.92 -0.24 0.00	29.48 -0.21 0.00	35.05 0.07 0.00	38.17 0.08 0.00	47.44 0.14 0.00	65.42 -0.07 0.00	75.69 -0.69 0.00	70.68 -0.49 0.00	54.39 -0.55 0.00	45.50 -0.32 0.00	39.05 0.16 0.00	36.19 0.22 0.00
NPX_GEN_1385_PROXY 323591	34.00 1.12 0.00	31.08 0.85 0.01	31.05 0.76 0.01	29.94 0.79 0.01	31.11 0.79 0.01	36.25 0.78 0.01	42.96 2.13 11.21	43.30 4.32 34.19	41.07 3.03 14.29	39.15 1.79 1.55	36.90 2.07 0.20	36.42 2.10 -2.06	36.66 1.91 -0.59	36.95 1.90 -5.36	36.90 1.89 -0.03	37.65 1.90 2.34	39.61 2.60 10.28	44.97 4.46 24.97	57.46 4.96 23.88	57.72 3.70 17.15	46.92 2.53 10.54	39.81 0.64 6.65	38.67 0.35 0.56	36.82 0.65 -0.20
NPX_GEN_CSC 323557	21.82 0.49 11.55	19.61 0.30 10.94	18.95 0.24 11.59	20.39 0.23 9.00	19.13 0.24 11.44	27.99 0.28 7.77	38.14 0.41 14.31	31.29 1.83 43.71	29.35 1.88 24.86	19.66 1.48 20.73	12.80 1.82 24.06	13.28 2.00 20.99	13.42 1.84 22.59	14.17 1.72 17.24	14.55 1.71 22.14	17.97 1.53 21.65	35.82 1.65 13.13	43.36 2.55 24.67	48.92 3.06 30.52	51.40 2.13 21.91	45.79 1.26 10.42	39.66 0.41 6.57	38.33 0.12 0.68	28.30 0.29 7.96
NSINS_S_GLNS_FALLS 23858	34.33 1.45 0.00	31.61 1.36 0.00	31.63 1.33 0.00	30.50 1.34 0.00	31.73 1.40 0.00	37.00 1.53 0.00	54.74 2.71 0.00	77.09 4.02 0.11	54.74 2.46 0.04	40.18 1.28 0.00	35.98 0.95 0.00	32.73 0.74 0.27	34.21 0.58 0.53	29.97 0.71 0.43	35.03 0.77 0.72	38.36 0.88 0.61	48.73 1.47 0.03	68.28 2.88 0.09	80.13 3.97 0.22	74.48 3.42 0.11	57.49 2.58 0.03	47.84 2.02 0.00	40.52 1.63 0.00	37.33 1.51 0.16
NUCOR_STEEL___DRP 24197	32.94 0.07 0.00	30.31 0.06 0.00	30.36 0.06 0.00	29.22 0.06 0.00	30.36 0.03 0.00	35.62 0.14 0.00	52.35 0.31 0.00	74.29 0.07 -1.04	52.48 0.16 0.00	39.10 0.19 0.00	35.14 0.11 0.00	32.41 0.10 -0.05	34.31 0.14 -0.01	30.04 0.18 -0.18	35.01 0.03 0.00	38.21 0.11 0.00	47.06 -0.24 0.00	65.06 -0.39 0.03	76.25 -0.08 0.05	71.13 0.00 0.04	55.05 0.11 0.00	45.92 0.09 0.00	38.85 -0.04 0.00	35.87 -0.11 0.00
NUMBER_THREE_WT_PWR 323818	32.94 0.07 0.00	30.31 0.06 0.00	30.42 0.12 0.00	29.19 0.03 0.00	30.49 0.15 0.00	35.69 0.21 0.00	53.18 1.14 0.00	75.77 2.05 -0.55	53.43 1.10 0.00	39.56 0.66 0.00	35.49 0.45 0.00	32.36 0.10 0.00	34.23 0.07 0.00	29.72 0.03 0.00	35.08 0.11 0.00	38.40 0.30 0.00	47.63 0.33 0.00	66.13 0.65 0.01	77.62 1.15 -0.10	72.48 1.28 -0.02	55.93 0.99 0.00	46.79 0.96 0.00	39.59 0.70 0.00	36.66 0.68 0.00
NYISO_LBMP_REFERENCE 24008	32.88 0.00 0.00	30.25 0.00 0.00	30.30 0.00 0.00	29.16 0.00 0.00	30.33 0.00 0.00	35.48 0.00 0.00	52.04 0.00 0.00	73.17 0.00 0.00	52.33 0.00 0.00	38.90 0.00 0.00	35.03 0.00 0.00	32.27 0.00 0.00	34.16 0.00 0.00	29.69 0.00 0.00	34.98 0.00 0.00	38.09 0.00 0.00	47.29 0.00 0.00	65.48 0.00 0.00	76.38 0.00 0.00	71.17 0.00 0.00	54.94 0.00 0.00	45.82 0.00 0.00	38.89 0.00 0.00	35.98 0.00 0.00
NYPA_BRENTWD____GT 24164	33.44 1.64 1.08	30.52 1.30 1.03	30.48 1.27 1.09	29.57 1.25 0.85	30.56 1.30 1.07	36.27 1.52 0.73	43.26 2.19 10.96	43.90 4.17 33.44	41.51 3.77 14.59	38.52 2.88 3.26	35.59 2.98 2.42	35.21 3.03 0.09	35.54 2.90 1.52	35.66 2.67 -3.30	35.83 2.80 1.95	36.91 2.78 3.96	40.22 2.98 10.06	45.80 4.06 23.75	57.91 4.89 23.36	58.59 4.20 16.78	47.44 2.53 10.03	40.87 1.37 6.33	39.55 1.21 0.55	36.96 1.55 0.56

NYPA_GOWANUS____GT5 24156	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.29 4.51 -2.29	83.84 5.34 -2.12	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NYPA_GOWANUS____GT6 24157	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.53 2.19 -0.01	38.04 2.56 -0.01	55.48 3.43 -0.01	80.96 4.69 -3.11	57.35 3.72 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.53 2.52 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.29 4.51 -2.29	83.84 5.34 -2.12	77.32 4.56 -1.59	59.32 3.35 -1.02	48.76 2.94 0.00	41.58 2.68 -0.01	38.78 2.59 -0.22
NYPA_HARLEM__RVR__GT1 24160	35.26 2.37 -0.01	32.25 2.00 -0.01	32.28 1.97 -0.01	31.06 1.89 -0.01	32.31 1.97 -0.01	37.79 2.30 -0.01	55.53 3.49 -0.01	80.57 5.12 -2.28	57.26 3.97 -0.96	42.05 3.04 -0.11	38.10 3.05 -0.02	37.18 2.84 -2.08	38.81 2.90 -1.74	38.86 2.73 -6.44	39.76 2.80 -1.98	43.08 2.97 -2.02	51.29 3.31 -0.69	71.91 4.78 -1.65	83.54 5.65 -1.50	77.15 4.91 -1.07	59.27 3.63 -0.71	48.76 2.94 0.00	41.46 2.57 -0.01	38.53 2.34 -0.21
NYPA_HARLEM__RVR__GT2 24161	35.26 2.37 -0.01	32.25 2.00 -0.01	32.28 1.97 -0.01	31.06 1.89 -0.01	32.31 1.97 -0.01	37.79 2.30 -0.01	55.53 3.49 -0.01	80.57 5.12 -2.28	57.26 3.97 -0.96	42.05 3.04 -0.11	38.10 3.05 -0.02	37.18 2.84 -2.08	38.81 2.90 -1.74	38.86 2.73 -6.44	39.76 2.80 -1.98	43.08 2.97 -2.02	51.29 3.31 -0.69	71.91 4.78 -1.65	83.54 5.65 -1.50	77.15 4.91 -1.07	59.27 3.63 -0.71	48.76 2.94 0.00	41.46 2.57 -0.01	38.53 2.34 -0.21
NYPA_KENT____GT 24152	35.39 2.50 -0.01	32.40 2.15 -0.01	32.40 2.09 -0.01	31.18 2.01 -0.01	32.46 2.12 -0.01	37.93 2.45 -0.01	55.53 3.49 -0.01	81.58 4.98 -3.43	57.69 3.93 -1.43	42.01 2.96 -0.16	38.14 3.08 -0.02	37.29 2.94 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.67 2.66 -2.03	42.88 2.86 -1.93	51.59 3.26 -1.03	72.63 4.72 -2.43	84.20 5.57 -2.25	77.60 4.84 -1.59	59.48 3.52 -1.02	48.80 2.98 0.00	41.54 2.65 -0.01	38.71 2.52 -0.21
NYPA_POUCH1____GT 24155	35.52 2.63 -0.01	32.55 2.30 -0.01	32.55 2.24 -0.01	31.32 2.16 -0.01	32.59 2.24 -0.01	38.11 2.63 -0.01	55.42 3.38 -0.01	80.67 4.39 -3.11	57.14 3.51 -1.30	41.70 2.65 -0.15	38.14 3.08 -0.02	37.29 2.94 -2.08	38.90 2.97 -1.77	38.94 2.79 -6.47	39.35 2.34 -2.03	42.59 2.59 -1.90	51.12 2.89 -0.94	71.87 4.13 -2.25	83.42 4.96 -2.08	76.86 4.20 -1.49	58.98 3.07 -0.96	48.71 2.89 0.00	41.62 2.72 -0.01	38.85 2.66 -0.22
NYPA_VERNON____GT2 24162	35.29 2.40 -0.01	32.31 2.06 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.37 2.03 -0.01	37.83 2.34 -0.01	55.53 3.49 -0.01	81.71 5.20 -3.34	57.81 4.08 -1.40	42.13 3.07 -0.16	38.14 3.08 -0.02	37.29 2.94 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.84 2.83 -2.03	43.02 3.01 -1.92	51.71 3.41 -1.01	72.81 4.91 -2.41	84.41 5.80 -2.23	77.81 5.05 -1.59	59.70 3.74 -1.02	48.80 2.98 0.00	41.47 2.57 -0.01	38.60 2.41 -0.21
NYPA_VERNON____GT3 24163	35.29 2.40 -0.01	32.31 2.06 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.37 2.03 -0.01	37.83 2.34 -0.01	55.53 3.49 -0.01	81.71 5.20 -3.34	57.81 4.08 -1.40	42.13 3.07 -0.16	38.14 3.08 -0.02	37.29 2.94 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.84 2.83 -2.03	43.02 3.01 -1.92	51.71 3.41 -1.01	72.81 4.91 -2.41	84.41 5.80 -2.23	77.81 5.05 -1.59	59.70 3.74 -1.02	48.80 2.98 0.00	41.47 2.57 -0.01	38.60 2.41 -0.21
NYPA____ASTORIA_CC1 323568	35.29 2.40 -0.01	32.31 2.06 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.83 2.34 -0.01	55.48 3.43 -0.01	81.60 5.12 -3.31	57.74 4.03 -1.39	42.13 3.07 -0.15	38.11 3.05 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.88 2.73 -6.47	39.81 2.80 -2.03	42.99 2.97 -1.92	51.65 3.36 -1.00	72.73 4.85 -2.40	84.34 5.73 -2.22	77.74 4.98 -1.59	59.64 3.68 -1.02	48.76 2.94 0.00	41.46 2.57 -0.01	38.56 2.37 -0.21
NYPA____ASTORIA_CC2 323569	35.29 2.40 -0.01	32.31 2.06 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.83 2.34 -0.01	55.48 3.43 -0.01	81.60 5.12 -3.31	57.74 4.03 -1.39	42.13 3.07 -0.15	38.11 3.05 -0.02	37.26 2.91 -2.08	38.87 2.94 -1.77	38.88 2.73 -6.47	39.81 2.80 -2.03	42.99 2.97 -1.92	51.65 3.36 -1.00	72.73 4.85 -2.40	84.34 5.73 -2.22	77.74 4.98 -1.59	59.64 3.68 -1.02	48.76 2.94 0.00	41.46 2.57 -0.01	38.56 2.37 -0.21
NYPA____HOLTSVILL 23794	22.34 1.02 11.56	20.06 0.76 10.94	19.40 0.70 11.60	20.85 0.70 9.01	19.61 0.73 11.45	28.55 0.85 7.78	38.94 1.25 14.34	32.39 3.00 43.78	30.15 2.72 24.90	20.30 2.14 20.74	13.35 2.38 24.07	13.75 2.48 21.00	13.89 2.32 22.60	14.60 2.17 17.25	15.03 2.20 22.16	18.52 2.09 21.67	36.51 2.36 13.15	44.16 3.40 24.72	49.85 4.05 30.57	52.22 2.99 21.94	46.48 1.97 10.44	40.29 1.05 6.59	38.95 0.74 0.68	28.87 0.86 7.97
NYPA____HELLGATE_GT1 24158	35.26 2.37 -0.01	32.25 2.00 -0.01	32.28 1.97 -0.01	31.06 1.89 -0.01	32.31 1.97 -0.01	37.79 2.30 -0.01	55.53 3.49 -0.01	82.63 5.12 -4.34	58.10 3.97 -1.80	42.12 3.04 -0.18	38.10 3.05 -0.02	37.18 2.84 -2.08	38.85 2.90 -1.78	38.89 2.73 -6.48	39.84 2.80 -2.07	42.87 2.97 -1.81	51.94 3.36 -1.29	73.47 4.85 -3.14	85.04 5.73 -2.93	78.24 4.98 -2.09	59.95 3.68 -1.32	48.76 2.94 0.00	41.46 2.57 -0.01	38.53 2.34 -0.21
NYPA____HELLGATE_GT2 24159	35.26 2.37 -0.01	32.25 2.00 -0.01	32.28 1.97 -0.01	31.06 1.89 -0.01	32.31 1.97 -0.01	37.79 2.30 -0.01	55.53 3.49 -0.01	82.63 5.12 -4.34	58.10 3.97 -1.80	42.12 3.04 -0.18	38.10 3.05 -0.02	37.18 2.84 -2.08	38.85 2.90 -1.78	38.89 2.73 -6.48	39.84 2.80 -2.07	42.87 2.97 -1.81	51.94 3.36 -1.29	73.47 4.85 -3.14	85.04 5.73 -2.93	78.24 4.98 -2.09	59.95 3.68 -1.32	48.76 2.94 0.00	41.46 2.57 -0.01	38.53 2.34 -0.21
NYS_BARGE____HYD 23848	32.68 -0.20 0.00	30.40 0.15 0.00	30.42 0.12 0.00	29.04 -0.12 0.00	30.09 -0.24 0.00	35.12 -0.35 0.00	49.75 -2.29 0.00	67.31 -5.86 0.00	50.45 -1.88 0.00	39.10 0.20 0.00	35.35 0.31 0.00	32.67 0.36 -0.05	34.34 0.17 -0.01	30.36 0.47 -0.20	34.80 -0.17 0.00	37.56 -0.53 0.00	44.50 -2.79 0.00	60.07 -5.37 0.05	69.71 -5.88 0.79	65.77 -5.13 0.28	51.04 -3.90 0.00	43.81 -2.02 0.00	37.37 -1.52 0.00	34.68 -1.29 0.00
OAK ORCHARD____HYD 24046	32.91 0.03 0.00	30.43 0.18 0.00	30.48 0.18 0.00	29.22 0.06 0.00	30.36 0.03 0.00	35.51 0.04 0.00	51.36 -0.68 0.00	70.98 -2.19 0.00	51.91 -0.42 0.00	39.29 0.39 0.00	35.39 0.35 0.00	32.79 0.48 -0.04	34.55 0.38 -0.01	30.35 0.50 -0.16	35.19 0.21 0.00	38.25 0.15 0.00	46.25 -1.04 0.00	63.34 -2.10 0.05	73.60 -1.99 0.79	69.33 -1.57 0.28	53.78 -1.16 0.00	45.41 -0.41 0.00	38.46 -0.43 0.00	35.55 -0.43 0.00

OAKDALE___35_KV_LOAD 356122	33.21 0.33 0.00	30.58 0.33 0.00	30.66 0.36 0.00	29.45 0.29 0.00	30.61 0.27 0.00	35.80 0.32 0.00	52.50 0.47 0.00	73.43 0.15 -0.12	52.74 0.37 -0.05	39.41 0.51 -0.01	35.49 0.46 0.00	32.78 0.35 -0.16	34.66 0.34 -0.16	30.58 0.45 -0.45	35.44 0.28 -0.19	38.52 0.27 -0.16	47.24 -0.09 -0.04	65.33 -0.20 -0.04	75.78 0.00 0.61	70.99 0.00 0.18	55.03 0.05 -0.04	45.92 0.09 0.00	38.93 0.04 0.00	36.05 0.07 0.00
OCC_CHEM___DRP 24175	32.71 -0.16 0.00	30.43 0.18 0.00	30.42 0.12 0.00	28.78 -0.38 0.00	30.09 -0.24 0.00	34.80 -0.67 0.00	49.17 -2.86 0.00	66.15 -7.02 0.00	49.08 -3.24 0.00	38.59 -0.31 0.00	34.86 -0.18 0.00	32.25 -0.06 -0.05	33.90 -0.27 -0.01	29.92 0.03 -0.21	34.38 -0.59 0.00	37.10 -0.99 0.00	44.03 -3.26 0.00	58.76 -6.68 0.05	68.72 -6.87 0.79	64.77 -6.12 0.28	50.33 -4.61 0.00	43.26 -2.57 0.00	36.95 -1.94 0.00	34.39 -1.58 0.00
OH_GEN_PROXY 24063	32.55 -0.33 0.00	30.28 0.03 0.00	30.30 0.00 0.00	28.92 -0.23 0.00	29.97 -0.36 0.00	34.98 -0.50 0.00	49.54 -2.50 0.00	54.68 -6.29 12.20	49.97 -2.35 0.00	38.75 -0.15 0.00	35.03 0.00 0.00	32.38 0.06 -0.05	34.07 -0.10 -0.01	30.10 0.21 -0.21	34.52 -0.46 0.00	37.25 -0.84 0.00	44.36 -2.93 0.00	60.00 -5.43 0.05	69.48 -6.11 0.79	65.48 -5.41 0.28	50.82 -4.12 0.00	43.58 -2.24 0.00	37.14 -1.75 0.00	34.54 -1.44 0.00
OLIN_CORP_DRP 24177	32.32 -0.56 0.00	30.03 -0.21 0.00	30.06 -0.24 0.00	28.95 -0.20 0.00	29.73 -0.61 0.00	34.48 -0.99 0.00	49.07 -2.97 0.00	66.07 -7.10 0.00	48.98 -3.35 0.00	38.48 -0.43 0.00	34.72 -0.32 0.00	32.13 -0.19 -0.05	33.76 -0.41 -0.01	29.81 -0.09 -0.21	34.28 -0.70 0.00	36.95 -1.14 0.00	43.89 -3.41 0.00	58.62 -6.81 0.05	68.64 -6.95 0.79	64.70 -6.19 0.28	50.27 -4.67 0.00	43.21 -2.61 0.00	36.83 -2.06 0.00	34.21 -1.76 0.00
OLIN_CORP_DSASP 323712	32.72 -0.16 0.00	30.43 0.18 0.00	30.45 0.15 0.00	29.10 -0.06 0.00	30.09 -0.24 0.00	35.05 -0.42 0.00	49.17 -2.86 0.00	66.15 -7.02 0.00	49.66 -2.67 0.00	38.59 -0.31 0.00	34.90 -0.14 0.00	32.26 -0.06 -0.05	33.94 -0.24 -0.01	30.01 0.12 -0.21	34.38 -0.59 0.00	37.10 -0.99 0.00	44.03 -3.26 0.00	59.41 -6.02 0.05	68.80 -6.80 0.79	64.77 -6.12 0.28	50.33 -4.61 0.00	43.26 -2.57 0.00	36.95 -1.94 0.00	34.43 -1.55 0.00
ONEIDA_HERK_LFGE 323681	33.31 0.43 0.00	30.64 0.39 0.00	30.72 0.42 0.00	29.51 0.35 0.00	30.79 0.46 0.00	36.04 0.57 0.00	53.34 1.30 0.00	75.29 2.12 0.00	53.69 1.36 0.00	39.68 0.78 0.00	35.59 0.56 0.00	32.62 0.36 0.00	34.50 0.34 0.00	30.01 0.33 0.00	35.40 0.42 0.00	38.66 0.57 0.00	48.01 0.71 0.01	66.58 1.11 0.19	77.79 1.61 0.07	72.74 1.64 0.00	56.21 1.26 0.00	46.88 1.05 0.00	39.67 0.78 0.00	36.70 0.72 0.00
ONEIDA___115KV_TB4 55905	33.54 0.66 0.00	30.85 0.60 0.00	30.94 0.64 0.00	29.71 0.55 0.00	31.00 0.67 0.00	36.33 0.85 0.00	53.60 1.56 0.00	75.51 2.34 0.00	53.84 1.52 0.00	39.80 0.89 0.00	35.74 0.70 0.00	32.78 0.52 0.00	34.67 0.51 0.00	30.22 0.53 0.00	35.57 0.59 0.00	38.85 0.76 0.00	48.19 0.90 0.00	66.83 1.38 0.02	77.90 1.91 0.39	72.88 1.85 0.14	56.37 1.43 0.00	46.97 1.15 0.00	39.71 0.82 0.00	36.73 0.76 0.00
ONONDAGA_REF_OCCRA 23987	32.68 -0.20 0.00	30.07 -0.18 0.00	30.12 -0.18 0.00	28.98 -0.17 0.00	30.12 -0.21 0.00	35.30 -0.18 0.00	51.88 -0.16 0.00	73.12 -0.44 -0.39	52.12 -0.21 0.00	38.83 -0.08 0.00	34.93 -0.11 0.00	32.18 -0.13 -0.04	34.07 -0.10 -0.01	29.82 -0.03 -0.16	34.80 -0.17 0.00	37.94 -0.15 0.00	46.82 -0.47 0.00	64.72 -0.72 0.05	75.17 -0.61 0.60	70.45 -0.50 0.22	54.61 -0.33 0.00	45.55 -0.27 0.00	38.54 -0.35 0.00	35.58 -0.40 0.00
ONONDAGA___COGEN 23986	32.71 -0.16 0.00	30.10 -0.15 0.00	30.15 -0.15 0.00	28.98 -0.17 0.00	30.15 -0.18 0.00	35.33 -0.14 0.00	51.93 -0.10 0.00	73.97 -0.44 -1.24	52.17 -0.16 0.00	38.83 -0.08 0.00	34.93 -0.11 0.00	32.18 -0.13 -0.04	34.10 -0.07 -0.01	29.81 -0.03 -0.15	34.84 -0.14 0.00	37.98 -0.11 0.00	46.87 -0.43 0.00	64.74 -0.72 0.03	75.86 -0.61 -0.10	70.68 -0.50 -0.01	54.61 -0.33 0.00	45.55 -0.27 0.00	38.58 -0.31 0.00	35.62 -0.36 0.00
ONTARIO___LFGE 23819	33.21 0.33 0.00	30.61 0.36 0.00	30.69 0.39 0.00	29.45 0.29 0.00	30.60 0.27 0.00	35.97 0.50 0.00	52.61 0.57 0.00	73.70 0.07 -0.46	52.64 0.32 0.00	39.33 0.43 0.00	35.35 0.31 0.00	32.58 0.26 -0.05	34.48 0.31 -0.01	30.28 0.38 -0.21	35.12 0.14 0.00	38.32 0.23 0.00	46.87 -0.43 0.00	65.38 -0.07 0.04	76.36 0.46 0.48	71.56 0.57 0.18	55.38 0.44 0.00	46.23 0.41 0.00	39.09 0.20 0.00	36.09 0.11 0.00
ORANGEVILLE_WT_PWR 323706	32.88 0.00 0.00	30.40 0.15 0.00	30.45 0.15 0.00	29.19 0.03 0.00	30.30 -0.03 0.00	35.55 0.07 0.00	51.98 -0.05 0.00	72.01 -1.24 -0.09	50.85 -1.52 -0.04	1.00 -1.44 36.46	-0.53 -1.30 34.27	4.01 -1.42 26.84	4.01 -1.61 28.55	28.78 -1.25 -0.34	4.01 -1.85 29.11	36.24 -1.87 -0.01	44.81 -2.51 -0.03	63.74 -1.77 -0.02	74.81 -0.91 0.66	70.18 -0.78 0.21	54.47 -0.50 -0.03	45.37 -0.46 0.00	38.38 -0.51 0.00	35.40 -0.58 0.00
ORANGEVILLE___ESR 323794	32.88 0.00 0.00	30.40 0.15 0.00	30.45 0.15 0.00	29.19 0.03 0.00	30.30 -0.03 0.00	35.55 0.07 0.00	51.98 -0.05 0.00	72.01 -1.24 -0.09	50.85 -1.52 -0.04	1.00 -1.44 36.46	-0.53 -1.30 34.27	4.01 -1.42 26.84	4.01 -1.61 28.55	28.78 -1.25 -0.34	4.01 -1.85 29.11	36.24 -1.87 -0.01	44.81 -2.51 -0.03	63.74 -1.77 -0.02	74.81 -0.91 0.66	70.18 -0.78 0.21	54.47 -0.50 -0.03	45.37 -0.46 0.00	38.38 -0.51 0.00	35.40 -0.58 0.00
OSWEGATCHIE___HYD 24044	32.98 0.10 0.00	30.31 0.06 0.00	30.45 0.15 0.00	29.22 0.06 0.00	30.49 0.15 0.00	35.69 0.21 0.00	52.82 0.78 0.00	75.00 1.32 -0.51	52.90 0.58 0.00	39.14 0.23 0.00	35.21 0.18 0.00	32.27 0.00 0.00	34.23 0.07 0.00	29.72 0.03 0.00	35.15 0.18 0.00	38.40 0.30 0.00	47.58 0.29 0.00	65.81 0.33 0.00	77.06 0.46 -0.22	71.95 0.71 -0.07	55.65 0.71 0.00	46.69 0.87 0.00	39.63 0.74 0.00	36.70 0.72 0.00
OSWEGO___5 23606	32.19 -0.69 0.00	29.64 -0.60 0.00	29.69 -0.61 0.00	28.55 -0.61 0.00	29.69 -0.64 0.00	34.77 -0.71 0.00	50.94 -1.10 0.00	78.77 -1.76 -7.35	51.28 -1.05 0.00	38.20 -0.70 0.00	34.41 -0.63 0.00	31.65 -0.61 0.00	33.51 -0.65 0.00	29.18 -0.50 0.00	34.28 -0.70 0.00	37.33 -0.76 0.00	46.06 -1.23 0.00	63.78 -1.83 -0.12	79.51 -1.99 -5.12	71.04 -1.78 -1.64	53.62 -1.32 0.00	44.77 -1.05 0.00	37.96 -0.93 0.00	35.08 -0.90 0.00
OSWEGO___6 23613	32.19 -0.69 0.00	29.64 -0.60 0.00	29.69 -0.61 0.00	28.55 -0.61 0.00	29.69 -0.64 0.00	34.77 -0.71 0.00	50.94 -1.10 0.00	78.77 -1.76 -7.35	51.28 -1.05 0.00	38.20 -0.70 0.00	34.41 -0.63 0.00	31.65 -0.61 0.00	33.51 -0.65 0.00	29.18 -0.50 0.00	34.28 -0.70 0.00	37.33 -0.76 0.00	46.06 -1.23 0.00	63.78 -1.83 -0.12	79.51 -1.99 -5.12	71.04 -1.78 -1.64	53.62 -1.32 0.00	44.77 -1.05 0.00	37.96 -0.93 0.00	35.08 -0.90 0.00

OUTOKUMPU-AB___DRP 24206	33.08 0.20 0.00	30.73 0.48 0.00	30.72 0.42 0.00	29.30 0.15 0.00	30.42 0.09 0.00	35.26 -0.21 0.00	50.16 -1.87 0.00	67.76 -5.41 0.00	50.23 -2.09 0.00	39.41 0.51 0.00	35.56 0.53 0.00	32.87 0.55 -0.05	34.55 0.38 -0.01	30.55 0.65 -0.21	35.05 0.07 0.00	37.83 -0.27 0.00	44.93 -2.36 0.00	60.13 -5.30 0.05	70.40 -5.19 0.79	66.34 -4.55 0.28	51.48 -3.46 0.00	44.22 -1.60 0.00	37.72 -1.17 0.00	35.01 -0.97 0.00
OXBOW___BTM 323836	32.94 0.07 0.00	30.61 0.36 0.00	30.66 0.36 0.00	29.28 0.12 0.00	30.30 -0.03 0.00	35.34 -0.14 0.00	49.75 -2.29 0.00	67.10 -6.07 0.00	50.29 -2.04 0.00	39.06 0.16 0.00	35.31 0.28 0.00	32.64 0.32 -0.05	34.35 0.17 -0.01	30.37 0.47 -0.21	34.77 -0.21 0.00	37.52 -0.57 0.00	44.55 -2.74 0.00	60.19 -5.24 0.05	69.71 -5.88 0.79	65.77 -5.13 0.28	50.98 -3.96 0.00	43.81 -2.02 0.00	37.41 -1.48 0.00	34.79 -1.19 0.00
OXBOW___ 24026	32.94 0.07 0.00	30.61 0.36 0.00	30.63 0.33 0.00	29.10 -0.06 0.00	30.30 -0.03 0.00	35.09 -0.39 0.00	49.75 -2.29 0.00	67.10 -6.07 0.00	49.76 -2.56 0.00	39.06 0.16 0.00	35.28 0.25 0.00	32.64 0.32 -0.05	34.31 0.14 -0.01	30.31 0.42 -0.21	34.80 -0.17 0.00	37.52 -0.57 0.00	44.55 -2.74 0.00	59.54 -5.89 0.05	69.71 -5.88 0.79	65.70 -5.20 0.28	51.04 -3.90 0.00	43.81 -2.02 0.00	37.41 -1.48 0.00	34.75 -1.22 0.00
OXY_CHEM_DSASP 323612	32.71 -0.16 0.00	30.43 0.18 0.00	30.42 0.12 0.00	28.78 -0.38 0.00	30.09 -0.24 0.00	34.80 -0.67 0.00	49.17 -2.86 0.00	66.15 -7.02 0.00	49.08 -3.24 0.00	38.59 -0.31 0.00	34.86 -0.18 0.00	32.25 -0.06 -0.05	33.90 -0.27 -0.01	29.92 0.03 -0.21	34.38 -0.59 0.00	37.10 -0.99 0.00	44.03 -3.26 0.00	58.76 -6.68 0.05	68.72 -6.87 0.79	64.77 -6.12 0.28	50.33 -4.61 0.00	43.26 -2.57 0.00	36.95 -1.94 0.00	34.39 -1.58 0.00
OZONE_PARK_ESR 323760	35.35 2.47 0.00	32.36 2.12 0.00	32.36 2.06 0.00	31.14 1.98 0.00	32.40 2.06 0.00	37.92 2.45 0.00	55.84 3.80 -0.01	82.41 6.15 -3.10	58.44 4.81 -1.30	42.47 3.42 -0.14	38.32 3.26 -0.02	37.41 3.07 -2.08	39.03 3.11 -1.76	39.06 2.91 -6.47	40.14 3.15 -2.02	43.30 3.31 -1.89	52.15 3.93 -0.93	73.50 5.76 -2.25	85.15 6.80 -1.97	78.63 5.98 -1.48	60.35 4.45 -0.96	49.08 3.25 0.00	41.57 2.68 0.00	38.66 2.48 -0.20
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.71 -0.16 0.00	30.43 0.18 0.00	30.42 0.12 0.00	28.78 -0.38 0.00	30.09 -0.24 0.00	34.80 -0.67 0.00	49.17 -2.86 0.00	66.15 -7.02 0.00	49.08 -3.24 0.00	38.59 -0.31 0.00	34.86 -0.18 0.00	32.25 -0.06 -0.05	33.90 -0.27 -0.01	29.92 0.03 -0.21	34.38 -0.59 0.00	37.10 -0.99 0.00	44.03 -3.26 0.00	58.76 -6.68 0.05	68.72 -6.87 0.79	64.77 -6.12 0.28	50.33 -4.61 0.00	43.26 -2.57 0.00	36.95 -1.94 0.00	34.39 -1.58 0.00
PACKARD___115KV_DUPONT_184 80571	32.72 -0.16 0.00	30.43 0.18 0.00	30.45 0.15 0.00	29.10 -0.06 0.00	30.09 -0.24 0.00	35.05 -0.42 0.00	49.17 -2.86 0.00	66.15 -7.02 0.00	49.66 -2.67 0.00	38.59 -0.31 0.00	34.90 -0.14 0.00	32.26 -0.06 -0.05	33.94 -0.24 -0.01	30.01 0.12 -0.21	34.38 -0.59 0.00	37.10 -0.99 0.00	44.03 -3.26 0.00	59.41 -6.02 0.05	68.80 -6.80 0.79	64.77 -6.12 0.28	50.33 -4.61 0.00	43.26 -2.57 0.00	36.95 -1.94 0.00	34.43 -1.55 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.25 2.37 -0.01	32.28 2.03 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.82 2.34 0.00	55.53 3.49 -0.01	80.17 4.83 -2.17	57.16 3.92 -0.91	41.93 2.92 -0.11	38.00 2.94 -0.02	37.13 2.77 -2.08	38.67 2.77 -1.74	38.74 2.61 -6.44	39.65 2.69 -1.98	42.71 2.82 -1.80	51.12 3.17 -0.66	71.77 4.71 -1.57	83.13 5.42 -1.32	76.89 4.70 -1.02	59.08 3.46 -0.68	48.76 2.93 0.00	41.43 2.53 -0.01	38.52 2.34 -0.20
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.58 2.70 -0.01	32.61 2.36 -0.01	32.64 2.33 -0.01	31.41 2.25 -0.01	32.68 2.34 -0.01	38.21 2.73 0.00	56.10 4.06 -0.01	80.90 5.56 -2.17	57.69 4.45 -0.91	42.28 3.27 -0.11	38.32 3.26 -0.02	37.42 3.07 -2.08	39.01 3.11 -1.74	39.04 2.91 -6.44	39.96 3.01 -1.98	43.05 3.16 -1.80	51.50 3.55 -0.66	72.49 5.44 -1.57	83.89 6.19 -1.32	77.60 5.41 -1.02	59.63 4.01 -0.68	49.21 3.39 0.00	41.82 2.92 -0.01	38.88 2.70 -0.20
PATROON___115KV_TB1 80586	33.87 0.99 0.00	31.15 0.91 0.00	31.03 0.73 0.00	29.95 0.79 0.00	31.12 0.79 0.00	36.43 0.96 0.00	53.54 1.51 0.00	75.32 2.27 0.12	53.90 1.62 0.05	39.87 0.97 0.01	35.87 0.84 0.00	32.70 0.71 0.28	34.29 0.65 0.52	29.99 0.77 0.46	35.02 0.73 0.70	38.19 0.69 0.59	48.11 0.85 0.04	67.03 1.64 0.09	78.21 2.06 0.23	72.77 1.71 0.11	56.22 1.32 0.04	46.79 0.96 0.00	39.63 0.74 0.00	36.66 0.83 0.15
PATTRSNVILLE___SOLAR 323815	34.06 1.18 0.00	31.30 1.06 0.00	31.39 1.09 0.00	30.21 1.05 0.00	31.46 1.12 0.00	36.79 1.31 0.00	54.38 2.34 0.00	76.52 3.44 0.09	54.02 1.72 0.04	39.64 0.74 0.00	35.49 0.45 0.00	32.38 0.32 0.21	33.98 0.21 0.39	29.67 0.33 0.35	34.80 0.35 0.53	38.22 0.57 0.45	48.31 1.04 0.03	67.77 2.35 0.07	80.47 3.36 -0.73	73.99 2.92 0.10	57.22 2.31 0.03	47.61 1.79 0.00	40.33 1.44 0.00	37.15 1.29 0.12
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.75 -0.13 0.00	30.40 0.15 0.00	30.39 0.09 0.00	29.10 -0.06 0.00	30.12 -0.21 0.00	35.02 -0.46 0.00	50.32 -1.72 0.00	68.27 -4.90 0.00	50.29 -2.04 0.00	39.14 0.23 0.00	35.35 0.32 0.00	32.62 0.29 -0.06	34.28 0.10 -0.01	30.33 0.42 -0.23	34.77 -0.21 0.00	37.52 -0.57 0.00	44.93 -2.36 0.00	60.59 -4.85 0.05	70.79 -4.81 0.78	66.70 -4.20 0.28	51.70 -3.24 0.00	44.08 -1.74 0.00	37.57 -1.32 0.00	34.86 -1.12 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.98 2.10 0.00	32.09 1.85 0.00	32.12 1.82 0.00	30.91 1.75 0.00	32.21 1.88 0.00	37.57 2.09 0.00	55.57 3.54 0.00	78.90 5.56 -0.17	56.74 4.34 -0.07	41.67 2.76 -0.01	37.42 2.38 0.00	35.70 2.23 -1.21	37.98 2.36 -1.46	35.06 2.32 -3.06	39.33 2.52 -1.83	42.41 2.78 -1.53	50.75 3.41 -0.05	70.57 4.98 -0.11	82.43 6.11 0.07	76.67 5.48 -0.02	59.00 4.01 -0.05	48.76 2.93 0.00	41.03 2.14 0.00	38.16 2.01 -0.16
PEEKSKILL___ 23653	34.82 1.94 0.00	31.91 1.66 0.00	31.94 1.64 0.00	30.73 1.57 0.00	31.97 1.64 0.00	37.36 1.88 0.00	55.06 3.02 0.00	79.76 4.90 -1.69	56.85 3.82 -0.71	41.66 2.68 -0.08	37.57 2.52 -0.01	36.66 2.35 -2.04	38.16 2.43 -1.57	38.50 2.32 -6.49	39.16 2.45 -1.73	42.24 2.59 -1.56	50.88 3.07 -0.51	71.16 4.46 -1.22	82.70 5.34 -0.98	76.64 4.70 -0.77	58.98 3.52 -0.52	48.30 2.47 0.00	40.91 2.02 0.00	38.08 1.91 -0.20
PGE MADISON___WINDPWR 24146	34.36 1.48 0.00	31.67 1.42 0.00	31.81 1.51 0.00	30.56 1.40 0.00	31.97 1.64 0.00	37.61 2.13 0.00	55.83 3.80 0.00	78.63 5.34 -0.11	55.67 3.30 -0.05	40.58 1.67 -0.01	36.12 1.09 0.00	33.22 0.81 -0.15	35.03 0.72 -0.15	30.87 0.74 -0.44	36.13 0.98 -0.17	39.73 1.49 -0.15	49.17 1.84 -0.03	68.67 3.14 -0.04	80.34 4.51 0.55	75.42 4.41 0.16	58.33 3.35 -0.04	48.34 2.52 0.00	40.76 1.87 0.00	37.78 1.80 0.00

PIERCEFIELD___HYD 23852	32.88 0.00 0.00	30.22 -0.03 0.00	30.39 0.09 0.00	29.19 0.03 0.00	30.42 0.09 0.00	35.62 0.14 0.00	52.35 0.31 0.00	73.97 0.51 -0.29	52.38 0.05 0.00	38.79 -0.12 0.00	35.03 0.00 0.00	32.20 -0.06 0.00	34.30 0.14 0.00	29.72 0.03 0.00	35.26 0.28 0.00	38.44 0.34 0.00	47.77 0.47 0.00	65.81 0.33 0.00	76.50 0.00 -0.12	71.56 0.36 -0.04	55.49 0.55 0.00	46.56 0.73 0.00	39.63 0.74 0.00	36.73 0.76 0.00
PINELAWN_CC_1 323563	33.88 1.51 0.52	30.93 1.18 0.49	30.93 1.15 0.52	29.86 1.11 0.41	30.97 1.15 0.52	36.47 1.35 0.35	44.55 2.08 9.57	48.06 4.10 29.21	43.39 3.56 12.49	39.43 2.68 2.16	36.64 2.84 1.23	36.21 2.91 -1.03	36.66 2.77 0.27	36.78 2.58 -4.51	37.01 2.69 0.67	38.21 2.70 2.59	41.59 3.07 8.78	48.28 3.80 21.00	60.17 4.20 20.40	59.79 3.28 14.65	48.33 2.25 8.87	41.47 1.24 5.59	39.73 1.32 0.48	37.22 1.40 0.16
PJM_GEN_HTP_PROXY 323702	35.08 2.20 0.00	32.12 1.88 0.00	32.12 1.82 0.00	30.91 1.75 0.00	32.18 1.85 0.00	37.61 2.13 0.00	55.38 3.33 -0.01	81.52 5.49 -2.86	57.76 4.24 -1.20	42.11 3.07 -0.13	38.00 2.94 -0.02	37.12 2.78 -2.08	38.72 2.80 -1.75	38.79 2.64 -6.46	39.78 2.80 -2.00	42.93 2.97 -1.86	51.61 3.45 -0.86	72.60 5.04 -2.07	84.32 6.03 -1.91	77.80 5.27 -1.36	59.72 3.90 -0.88	48.62 2.80 0.00	41.18 2.29 0.00	38.34 2.16 -0.21
PJM_GEN_KEystone 24065	33.70 0.82 0.00	31.03 0.79 0.00	31.06 0.76 0.00	29.83 0.67 0.00	31.00 0.67 0.00	36.22 0.75 0.00	52.82 0.78 0.00	74.67 0.52 -0.98	53.89 1.15 -0.41	40.23 1.28 -0.05	36.34 1.30 -0.01	34.53 1.19 -1.07	36.19 1.16 -0.86	34.28 1.25 -3.35	36.96 1.02 -0.97	39.92 0.95 -0.87	48.06 0.47 -0.29	66.63 0.46 -0.68	77.29 0.69 -0.22	72.00 0.50 -0.33	55.63 0.39 -0.30	46.19 0.36 0.00	39.20 0.31 0.00	36.48 0.40 -0.11
PJM_GEN_NEPTUNE_PROXY 323594	34.16 1.28 0.00	31.24 1.00 0.01	31.26 0.97 0.01	30.08 0.93 0.01	31.30 0.97 0.01	36.61 1.13 0.01	41.96 1.82 11.90	40.62 3.73 36.28	40.46 3.30 15.16	39.79 2.53 1.64	37.56 2.73 0.21	37.10 2.78 -2.06	37.35 2.67 -0.52	37.45 2.46 -5.30	37.45 2.55 0.08	38.02 2.51 2.58	39.27 2.89 10.91	43.12 4.13 26.50	55.94 4.89 25.34	56.82 3.84 18.19	46.39 2.64 11.19	40.27 1.51 7.06	39.50 1.21 0.60	37.36 1.19 -0.20
PJM_GEN_VFT_PROXY 323633	34.99 2.11 0.00	32.03 1.78 0.00	32.03 1.73 0.00	30.82 1.66 0.00	32.06 1.73 0.00	37.50 2.02 0.00	55.22 3.17 -0.01	81.61 5.34 -3.10	57.76 4.13 -1.30	42.08 3.04 -0.14	37.93 2.87 -0.02	37.06 2.71 -2.08	38.69 2.77 -1.76	38.73 2.58 -6.47	39.87 2.87 -2.02	42.92 2.93 -1.89	51.68 3.45 -0.93	72.77 5.04 -2.25	84.42 5.96 -2.07	77.84 5.19 -1.48	59.74 3.84 -0.96	48.48 2.66 0.00	41.11 2.22 0.00	38.23 2.05 -0.21
PLATSBURG_115KV_PMLD1 355749	31.17 -1.71 0.00	28.61 -1.63 0.00	28.78 -1.52 0.00	27.64 -1.52 0.00	28.79 -1.55 0.00	33.81 -1.67 0.00	49.43 -2.60 0.00	69.88 -3.29 0.00	50.13 -2.20 0.00	37.85 -1.05 0.00	34.23 -0.81 0.00	31.72 -0.55 0.00	34.09 -0.07 0.00	29.77 0.09 0.00	35.43 0.45 0.00	38.63 0.53 0.00	47.20 -0.09 0.00	64.70 -0.79 0.00	74.55 -1.83 0.00	69.61 -1.57 0.00	53.51 -1.43 0.00	45.09 -0.73 0.00	39.32 0.43 0.00	36.41 0.43 0.00
PLEASANTVLY___LBMP 24000	34.42 1.55 0.00	31.58 1.33 0.00	31.57 1.27 0.00	30.38 1.22 0.00	31.64 1.30 0.00	36.97 1.49 0.00	54.38 2.34 0.00	76.79 3.88 0.26	55.25 3.03 0.11	40.99 2.10 0.01	37.00 1.96 0.00	34.63 1.84 -0.53	38.53 1.84 -2.52	30.26 1.81 1.24	40.48 1.85 -3.65	43.05 1.94 -3.02	49.49 2.27 0.08	68.82 3.54 0.20	80.15 4.12 0.35	74.54 3.56 0.19	57.55 2.69 0.08	47.75 1.92 0.00	40.48 1.59 0.00	37.69 1.48 -0.24
PLSNTVLE_13_KV_13.8KVDIST 80602	34.82 1.94 0.00	31.91 1.66 0.00	31.91 1.61 0.00	30.70 1.55 0.00	31.94 1.61 0.00	37.39 1.92 0.00	55.00 2.97 0.00	76.32 4.83 1.68	55.50 3.87 0.70	41.47 2.65 0.08	37.54 2.52 0.01	36.69 2.36 -2.07	38.34 2.39 -1.78	38.05 2.29 -6.08	39.42 2.41 -2.03	42.21 2.55 -1.57	49.77 2.98 0.51	68.70 4.45 1.24	80.30 5.27 1.35	74.89 4.63 0.90	57.83 3.41 0.52	48.25 2.43 0.00	40.91 2.02 0.00	38.06 1.87 -0.21
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.82 1.94 0.00	31.91 1.66 0.00	31.91 1.61 0.00	30.70 1.55 0.00	31.94 1.61 0.00	37.39 1.92 0.00	55.00 2.97 0.00	76.32 4.83 1.68	55.50 3.87 0.70	41.47 2.65 0.08	37.54 2.52 0.01	36.69 2.36 -2.07	38.34 2.39 -1.78	38.05 2.29 -6.08	39.42 2.41 -2.03	42.21 2.55 -1.57	49.77 2.98 0.51	68.70 4.45 1.24	80.30 5.27 1.35	74.89 4.63 0.90	57.83 3.41 0.52	48.25 2.43 0.00	40.91 2.02 0.00	38.06 1.87 -0.21
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.02 2.14 0.00	32.12 1.88 0.00	32.12 1.82 0.00	30.91 1.75 0.00	32.21 1.88 0.00	37.64 2.16 0.00	55.78 3.75 0.00	78.88 5.71 0.00	56.62 4.29 0.00	41.63 2.72 0.00	37.35 2.31 0.00	34.86 2.10 -0.49	37.06 2.22 -0.68	33.04 2.23 -1.13	38.29 2.45 -0.87	41.48 2.67 -0.72	50.79 3.50 0.00	70.65 5.17 0.01	82.38 6.19 0.18	76.87 5.76 0.07	59.12 4.18 0.00	48.89 3.07 0.00	40.76 1.87 0.00	37.62 1.69 0.05
POLETTI____ 23519	34.99 2.10 -0.01	32.01 1.75 -0.01	32.04 1.73 -0.01	30.83 1.66 -0.01	32.07 1.73 -0.01	37.53 2.06 0.00	55.16 3.12 -0.01	81.16 4.68 -3.30	57.52 3.82 -1.38	41.85 2.80 -0.15	37.86 2.80 -0.02	36.96 2.61 -2.08	38.62 2.70 -1.76	38.70 2.55 -6.46	39.59 2.59 -2.02	42.75 2.74 -1.91	51.31 3.03 -0.99	72.40 4.52 -2.40	83.76 5.27 -2.11	77.31 4.55 -1.58	59.31 3.35 -1.02	48.44 2.61 0.00	41.15 2.26 -0.01	38.27 2.09 -0.20
POMONA___ESR 323819	34.85 1.97 0.00	31.94 1.69 0.00	31.94 1.64 0.00	30.76 1.60 0.00	32.00 1.67 0.00	37.43 1.95 0.00	55.16 3.12 0.00	79.85 5.12 -1.56	56.91 3.93 -0.65	41.74 2.76 -0.07	37.64 2.59 -0.01	36.57 2.39 -1.91	38.12 2.46 -1.49	38.11 2.38 -6.05	39.15 2.52 -1.66	42.24 2.67 -1.49	50.93 3.17 -0.47	71.25 4.65 -1.12	82.77 5.50 -0.88	76.72 4.84 -0.71	59.05 3.63 -0.48	48.34 2.52 0.00	40.99 2.10 0.00	38.15 1.98 -0.19
PORT_JEFF_3 23555	22.20 1.05 11.73	19.89 0.76 11.11	19.25 0.73 11.77	20.72 0.70 9.14	19.47 0.76 11.62	28.43 0.85 7.89	38.92 1.25 14.36	32.31 3.00 43.87	30.07 2.77 25.03	20.02 2.14 21.03	12.99 2.38 24.43	13.40 2.48 21.35	13.57 2.36 22.95	14.29 2.20 17.59	14.69 2.20 22.49	18.24 2.09 21.95	36.53 2.41 13.18	44.15 3.34 24.67	49.57 3.82 30.63	51.96 2.77 21.98	46.39 1.87 10.42	40.35 1.10 6.57	38.99 0.78 0.68	28.79 0.90 8.09
PORT_JEFF_4 23616	22.20 1.05 11.73	19.89 0.76 11.11	19.25 0.73 11.77	20.72 0.70 9.14	19.47 0.76 11.62	28.43 0.85 7.89	38.92 1.25 14.36	32.31 3.00 43.87	30.07 2.77 25.03	20.02 2.14 21.03	12.99 2.38 24.43	13.40 2.48 21.35	13.57 2.36 22.95	14.29 2.20 17.59	14.69 2.20 22.49	18.24 2.09 21.95	36.53 2.41 13.18	44.15 3.34 24.67	49.57 3.82 30.63	51.96 2.77 21.98	46.39 1.87 10.42	40.35 1.10 6.57	38.99 0.78 0.68	28.79 0.90 8.09

PORT_JEFF_IC 23713	21.60 1.09 12.36	19.33 0.79 11.70	18.66 0.76 12.40	20.26 0.73 9.63	18.85 0.76 12.24	28.12 0.96 8.31	38.87 1.30 14.47	32.05 3.07 44.19	29.89 3.09 25.53	19.02 2.18 22.06	11.76 2.45 25.73	12.21 2.55 22.61	12.31 2.36 24.21	13.09 2.23 18.82	13.53 2.24 23.69	17.24 2.13 22.98	36.48 2.46 13.27	44.57 3.60 24.51	49.46 4.05 30.97	52.02 2.99 22.14	46.62 2.03 10.35	40.53 1.24 6.53	38.98 0.78 0.68	28.38 0.94 8.53
PPL PILGRIM_ST_GT1 24216	33.44 1.64 1.08	30.52 1.30 1.03	30.48 1.27 1.09	29.57 1.25 0.85	30.56 1.30 1.07	36.27 1.52 0.73	43.26 2.19 10.96	43.90 4.17 33.44	41.51 3.77 14.59	38.52 2.88 3.26	35.59 2.98 2.42	35.21 3.03 0.09	35.54 2.90 1.52	35.66 2.67 -3.30	35.83 2.80 1.95	36.91 2.78 3.96	40.22 2.98 10.06	45.80 4.06 23.75	57.91 4.89 23.36	58.59 4.20 16.78	47.44 2.53 10.03	40.87 1.37 6.33	39.55 1.21 0.55	36.96 1.55 0.56
PPL PILGRIM_ST_GT2 24217	33.44 1.64 1.08	30.52 1.30 1.03	30.48 1.27 1.09	29.57 1.25 0.85	30.56 1.30 1.07	36.27 1.52 0.73	43.26 2.19 10.96	43.90 4.17 33.44	41.51 3.77 14.59	38.52 2.88 3.26	35.59 2.98 2.42	35.21 3.03 0.09	35.54 2.90 1.52	35.66 2.67 -3.30	35.83 2.80 1.95	36.91 2.78 3.96	40.22 2.98 10.06	45.80 4.06 23.75	57.91 4.89 23.36	58.59 4.20 16.78	47.44 2.53 10.03	40.87 1.37 6.33	39.55 1.21 0.55	36.96 1.55 0.56
PPL_SHRM_GT3 24213	21.75 0.52 11.66	19.54 0.33 11.04	18.85 0.24 11.69	20.34 0.26 9.08	19.06 0.27 11.55	27.92 0.28 7.84	38.19 0.47 14.31	31.37 1.90 43.70	29.29 1.88 24.92	19.53 1.52 20.89	12.59 1.82 24.27	13.08 2.00 21.19	13.22 1.84 22.79	14.00 1.75 17.43	14.39 1.75 22.33	17.85 1.56 21.81	35.92 1.75 13.13	43.44 2.55 24.60	49.00 3.13 30.52	51.40 2.13 21.90	45.87 1.32 10.39	39.73 0.46 6.55	38.37 0.16 0.68	28.27 0.32 8.03
PPL_SHRM_GT4 24214	21.75 0.52 11.66	19.54 0.33 11.04	18.85 0.24 11.69	20.34 0.26 9.08	19.06 0.27 11.55	27.92 0.28 7.84	38.19 0.47 14.31	31.37 1.90 43.70	29.29 1.88 24.92	19.53 1.52 20.89	12.59 1.82 24.27	13.08 2.00 21.19	13.22 1.84 22.79	14.00 1.75 17.43	14.39 1.75 22.33	17.85 1.56 21.81	35.92 1.75 13.13	43.44 2.55 24.60	49.00 3.13 30.52	51.40 2.13 21.90	45.87 1.32 10.39	39.73 0.46 6.55	38.37 0.16 0.68	28.27 0.32 8.03
PROJECT___ORANGE 1 24174	32.58 -0.30 0.00	29.97 -0.27 0.00	30.03 -0.27 0.00	28.87 -0.29 0.00	30.03 -0.30 0.00	35.19 -0.28 0.00	51.67 -0.36 0.00	72.67 -0.80 -0.31	51.96 -0.37 0.00	38.71 -0.19 0.00	34.86 -0.18 0.00	32.11 -0.19 -0.04	34.00 -0.17 -0.01	29.73 -0.09 -0.14	34.73 -0.24 0.00	37.86 -0.23 0.00	46.68 -0.61 0.00	64.39 -1.05 0.05	74.72 -0.99 0.66	70.08 -0.85 0.24	54.34 -0.60 0.00	45.32 -0.50 0.00	38.38 -0.51 0.00	35.47 -0.50 0.00
PROJECT___ORANGE 2 24166	32.58 -0.30 0.00	29.97 -0.27 0.00	30.03 -0.27 0.00	28.87 -0.29 0.00	30.03 -0.30 0.00	35.19 -0.28 0.00	51.67 -0.36 0.00	72.67 -0.80 -0.31	51.96 -0.37 0.00	38.71 -0.19 0.00	34.86 -0.18 0.00	32.11 -0.19 -0.04	34.00 -0.17 -0.01	29.73 -0.09 -0.14	34.73 -0.24 0.00	37.86 -0.23 0.00	46.68 -0.61 0.00	64.39 -1.05 0.05	74.72 -0.99 0.66	70.08 -0.85 0.24	54.34 -0.60 0.00	45.32 -0.50 0.00	38.38 -0.51 0.00	35.47 -0.50 0.00
PUCKETT___SOLAR 323809	33.54 0.66 0.00	30.91 0.66 0.00	31.00 0.70 0.00	29.74 0.58 0.00	30.97 0.64 0.00	36.33 0.85 0.00	53.39 1.35 0.00	74.83 1.54 -0.12	53.53 1.15 -0.05	39.65 0.74 -0.01	35.53 0.49 0.00	32.75 0.32 -0.16	34.66 0.34 -0.16	30.60 0.45 -0.47	35.52 0.35 -0.19	38.79 0.53 -0.17	47.76 0.42 -0.04	66.32 0.79 -0.05	77.10 1.30 0.58	72.21 1.21 0.17	55.97 0.99 -0.04	46.60 0.78 0.00	39.43 0.54 0.00	36.52 0.54 0.00
PYRITES___HYD 24023	33.27 0.39 0.00	30.58 0.33 0.00	30.75 0.45 0.00	29.51 0.35 0.00	30.79 0.45 0.00	36.04 0.57 0.00	53.13 1.09 0.00	74.78 1.61 0.00	52.90 0.58 0.00	39.02 0.12 0.00	35.14 0.11 0.00	32.33 0.06 0.00	34.44 0.27 0.00	29.80 0.12 0.00	35.40 0.42 0.00	38.59 0.50 0.00	48.19 0.90 0.00	66.66 1.18 0.00	77.53 1.15 0.00	72.67 1.49 0.00	56.26 1.32 0.00	47.11 1.28 0.00	40.06 1.17 0.00	37.13 1.15 0.00
QUAKERRD_115KV_BK1 80622	32.06 -0.82 0.00	29.64 -0.60 0.00	29.69 -0.61 0.00	28.49 -0.67 0.00	29.60 -0.73 0.00	34.59 -0.89 0.00	50.27 -1.77 0.00	69.80 -3.37 0.00	50.60 -1.73 0.00	38.28 -0.62 0.00	34.44 -0.60 0.00	31.92 -0.39 -0.04	33.62 -0.55 -0.01	29.49 -0.36 -0.16	34.31 -0.66 0.00	37.33 -0.76 0.00	45.36 -1.94 0.00	62.03 -3.41 0.05	72.25 -3.36 0.77	67.98 -2.92 0.27	52.74 -2.20 0.00	44.40 -1.42 0.00	37.61 -1.28 0.00	34.75 -1.22 0.00
QUENSBRY_115KV_TB8 356137	34.29 1.41 0.00	31.58 1.33 0.00	31.63 1.33 0.00	30.50 1.34 0.00	31.70 1.36 0.00	36.97 1.49 0.00	54.74 2.71 0.00	77.09 4.02 0.11	54.69 2.41 0.04	40.10 1.21 0.00	35.95 0.91 0.00	32.70 0.71 0.27	34.18 0.55 0.53	29.94 0.68 0.43	34.97 0.70 0.71	38.33 0.84 0.60	48.68 1.42 0.03	68.21 2.82 0.09	80.13 3.97 0.22	74.48 3.42 0.11	57.49 2.58 0.03	47.84 2.02 0.00	40.52 1.63 0.00	37.29 1.48 0.16
RAMAPO___LBMP 323565	34.75 1.87 0.00	31.85 1.60 0.00	31.88 1.58 0.00	30.68 1.52 0.00	31.94 1.61 0.00	37.36 1.88 0.00	55.01 2.97 0.00	79.63 4.90 -1.56	56.85 3.87 -0.65	41.62 2.65 -0.07	37.53 2.49 -0.01	36.46 2.32 -1.87	38.00 2.36 -1.48	37.86 2.29 -5.89	39.04 2.41 -1.65	42.09 2.51 -1.48	50.79 3.03 -0.47	71.13 4.52 -1.13	82.46 5.19 -0.89	76.44 4.55 -0.71	58.83 3.41 -0.48	48.21 2.38 0.00	40.87 1.98 0.00	38.03 1.87 -0.18
RANKINE____ 23646	32.98 0.10 0.00	30.64 0.39 0.00	30.63 0.33 0.00	29.30 0.15 0.00	30.33 0.00 0.00	35.23 -0.25 0.00	50.42 -1.61 0.00	68.19 -4.98 0.00	50.39 -1.94 0.00	39.37 0.47 0.00	35.56 0.53 0.00	32.84 0.52 -0.06	34.52 0.34 -0.01	30.50 0.59 -0.22	35.01 0.03 0.00	37.75 -0.34 0.00	45.07 -2.22 0.00	60.52 -4.91 0.05	70.86 -4.74 0.78	66.77 -4.13 0.28	51.81 -3.13 0.00	44.31 -1.51 0.00	37.80 -1.09 0.00	35.04 -0.94 0.00
RAVENSWOOD_GT2_1 24244	35.11 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.21 1.88 0.00	37.68 2.20 0.00	55.37 3.33 -0.01	81.90 5.41 -3.31	58.06 4.34 -1.39	42.13 3.07 -0.15	38.00 2.94 -0.02	37.13 2.77 -2.08	38.73 2.80 -1.77	38.80 2.64 -6.47	39.81 2.80 -2.03	42.98 2.97 -1.92	51.75 3.45 -1.00	73.00 5.11 -2.40	84.46 5.96 -2.12	77.96 5.20 -1.59	59.81 3.85 -1.02	48.66 2.84 0.00	41.26 2.37 0.00	38.41 2.23 -0.20
RAVENSWOOD_GT2_2 24245	35.11 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.21 1.88 0.00	37.68 2.20 0.00	55.37 3.33 -0.01	81.90 5.41 -3.31	58.06 4.34 -1.39	42.13 3.07 -0.15	38.00 2.94 -0.02	37.13 2.77 -2.08	38.73 2.80 -1.77	38.80 2.64 -6.47	39.81 2.80 -2.03	42.98 2.97 -1.92	51.75 3.45 -1.00	73.00 5.11 -2.40	84.46 5.96 -2.12	77.96 5.20 -1.59	59.81 3.85 -1.02	48.66 2.84 0.00	41.26 2.37 0.00	38.41 2.23 -0.20



RAVENSWOOD_GT2_3 24246	35.11 2.24 0.00	32.15 1.91 0.00	32.18 1.88 0.00	30.97 1.81 0.00	32.21 1.88 0.00	37.71 2.24 0.00	55.43 3.38 -0.01	81.90 5.41 -3.31	58.06 4.34 -1.39	42.13 3.07 -0.15	38.04 2.98 -0.02	37.16 2.81 -2.08	38.77 2.84 -1.77	38.83 2.67 -6.47	39.84 2.83 -2.03	42.98 2.97 -1.92	51.79 3.50 -1.00	73.06 5.17 -2.40	84.53 6.03 -2.12	78.03 5.27 -1.59	59.87 3.90 -1.02	48.66 2.84 0.00	41.26 2.37 0.00	38.41 2.23 -0.20
RAVENSWOOD_GT2_4 24247	35.11 2.24 0.00	32.15 1.91 0.00	32.18 1.88 0.00	30.97 1.81 0.00	32.21 1.88 0.00	37.71 2.24 0.00	55.43 3.38 -0.01	81.90 5.41 -3.31	58.06 4.34 -1.39	42.13 3.07 -0.15	38.04 2.98 -0.02	37.16 2.81 -2.08	38.77 2.84 -1.77	38.83 2.67 -6.47	39.84 2.83 -2.03	42.98 2.97 -1.92	51.79 3.50 -1.00	73.06 5.17 -2.40	84.53 6.03 -2.12	78.03 5.27 -1.59	59.87 3.90 -1.02	48.66 2.84 0.00	41.26 2.37 0.00	38.41 2.23 -0.20
RAVENSWOOD_GT3_1 24248	35.11 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.21 1.88 0.00	37.68 2.20 0.00	55.43 3.38 -0.01	81.90 5.41 -3.31	58.06 4.34 -1.39	42.13 3.07 -0.15	38.00 2.94 -0.02	37.13 2.77 -2.08	38.73 2.80 -1.77	38.80 2.64 -6.47	39.84 2.83 -2.03	42.98 2.97 -1.92	51.75 3.45 -1.00	73.00 5.11 -2.40	84.46 5.96 -2.12	78.03 5.27 -1.59	59.87 3.90 -1.02	48.66 2.84 0.00	41.26 2.37 0.00	38.41 2.23 -0.20
RAVENSWOOD_GT3_2 24249	35.11 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.21 1.88 0.00	37.68 2.20 0.00	55.43 3.38 -0.01	81.90 5.41 -3.31	58.06 4.34 -1.39	42.13 3.07 -0.15	38.00 2.94 -0.02	37.13 2.77 -2.08	38.73 2.80 -1.77	38.80 2.64 -6.47	39.84 2.83 -2.03	42.98 2.97 -1.92	51.75 3.45 -1.00	73.00 5.11 -2.40	84.46 5.96 -2.12	78.03 5.27 -1.59	59.87 3.90 -1.02	48.66 2.84 0.00	41.26 2.37 0.00	38.41 2.23 -0.20
RAVENSWOOD_GT3_3 24250	35.15 2.27 0.00	32.18 1.94 0.00	32.18 1.88 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.71 2.24 0.00	55.48 3.43 -0.01	81.97 5.49 -3.31	58.11 4.40 -1.39	42.17 3.11 -0.15	38.07 3.01 -0.02	37.19 2.84 -2.08	38.80 2.87 -1.77	38.86 2.70 -6.47	39.88 2.87 -2.03	43.02 3.01 -1.92	51.84 3.55 -1.00	73.13 5.24 -2.40	84.61 6.11 -2.12	78.10 5.34 -1.59	59.92 3.96 -1.02	48.71 2.89 0.00	41.30 2.41 0.00	38.45 2.27 -0.20
RAVENSWOOD_GT3_4 24251	35.15 2.27 0.00	32.18 1.94 0.00	32.18 1.88 0.00	30.97 1.81 0.00	32.24 1.91 0.00	37.71 2.24 0.00	55.48 3.43 -0.01	81.97 5.49 -3.31	58.11 4.40 -1.39	42.17 3.11 -0.15	38.07 3.01 -0.02	37.19 2.84 -2.08	38.80 2.87 -1.77	38.86 2.70 -6.47	39.88 2.87 -2.03	43.02 3.01 -1.92	51.84 3.55 -1.00	73.13 5.24 -2.40	84.61 6.11 -2.12	78.10 5.34 -1.59	59.92 3.96 -1.02	48.71 2.89 0.00	41.30 2.41 0.00	38.45 2.27 -0.20
RAVENSWOOD_GT_1 23729	35.29 2.40 -0.01	32.31 2.06 -0.01	32.34 2.03 -0.01	31.09 1.92 -0.01	32.37 2.03 -0.01	37.89 2.41 0.00	55.53 3.49 -0.01	81.71 5.20 -3.34	57.91 4.19 -1.40	42.17 3.11 -0.15	38.14 3.08 -0.02	37.29 2.94 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.84 2.83 -2.03	42.99 2.97 -1.92	51.71 3.41 -1.01	72.94 5.04 -2.41	84.31 5.80 -2.12	77.81 5.05 -1.59	59.70 3.74 -1.02	48.80 2.98 0.00	41.47 2.57 -0.01	38.59 2.41 -0.20
RAVENSWOOD_GT_10 24258	35.11 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.18 1.85 0.00	37.68 2.20 0.00	55.43 3.38 -0.01	81.90 5.41 -3.31	58.06 4.34 -1.39	42.13 3.07 -0.15	38.00 2.94 -0.02	37.13 2.77 -2.08	38.73 2.80 -1.77	38.80 2.64 -6.47	39.84 2.83 -2.03	42.98 2.97 -1.92	51.75 3.45 -1.00	73.00 5.11 -2.40	84.53 6.03 -2.12	78.03 5.27 -1.59	59.87 3.90 -1.02	48.66 2.84 0.00	41.26 2.37 0.00	38.41 2.23 -0.20
RAVENSWOOD_GT_11 24259	35.11 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.18 1.85 0.00	37.68 2.20 0.00	55.43 3.38 -0.01	81.90 5.41 -3.31	58.06 4.34 -1.39	42.13 3.07 -0.15	38.00 2.94 -0.02	37.13 2.77 -2.08	38.73 2.80 -1.77	38.80 2.64 -6.47	39.84 2.83 -2.03	42.98 2.97 -1.92	51.75 3.45 -1.00	73.00 5.11 -2.40	84.53 6.03 -2.12	78.03 5.27 -1.59	59.87 3.90 -1.02	48.66 2.84 0.00	41.26 2.37 0.00	38.41 2.23 -0.20
RAVENSWOOD_GT_4 24252	35.16 2.27 -0.01	32.19 1.94 -0.01	32.19 1.88 -0.01	30.97 1.81 -0.01	32.25 1.91 -0.01	37.75 2.27 0.00	55.37 3.33 -0.01	81.72 5.27 -3.28	57.94 4.24 -1.37	42.13 3.07 -0.15	38.04 2.98 -0.02	37.16 2.81 -2.08	38.77 2.84 -1.77	38.83 2.67 -6.47	39.81 2.80 -2.03	42.94 2.93 -1.92	51.69 3.41 -0.99	72.92 5.04 -2.40	84.37 5.88 -2.11	77.88 5.12 -1.59	59.76 3.79 -1.02	48.71 2.89 0.00	41.31 2.41 -0.01	38.45 2.27 -0.20
RAVENSWOOD_GT_5 24254	35.16 2.27 -0.01	32.19 1.94 -0.01	32.19 1.88 -0.01	30.97 1.81 -0.01	32.25 1.91 -0.01	37.75 2.27 0.00	55.37 3.33 -0.01	81.72 5.27 -3.28	57.94 4.24 -1.37	42.13 3.07 -0.15	38.04 2.98 -0.02	37.16 2.81 -2.08	38.77 2.84 -1.77	38.83 2.67 -6.47	39.81 2.80 -2.03	42.94 2.93 -1.92	51.69 3.41 -0.99	72.92 5.04 -2.40	84.37 5.88 -2.11	77.88 5.12 -1.59	59.76 3.79 -1.02	48.71 2.89 0.00	41.31 2.41 -0.01	38.45 2.27 -0.20
RAVENSWOOD_GT_6 24253	35.16 2.27 -0.01	32.19 1.94 -0.01	32.19 1.88 -0.01	30.97 1.81 -0.01	32.25 1.91 -0.01	37.75 2.27 0.00	55.37 3.33 -0.01	81.72 5.27 -3.28	57.94 4.24 -1.37	42.13 3.07 -0.15	38.04 2.98 -0.02	37.16 2.81 -2.08	38.77 2.84 -1.77	38.83 2.67 -6.47	39.81 2.80 -2.03	42.94 2.93 -1.92	51.69 3.41 -0.99	72.92 5.04 -2.40	84.37 5.88 -2.11	77.88 5.12 -1.59	59.76 3.79 -1.02	48.71 2.89 0.00	41.31 2.41 -0.01	38.45 2.27 -0.20
RAVENSWOOD_GT_7 24255	35.16 2.27 -0.01	32.19 1.94 -0.01	32.19 1.88 -0.01	30.97 1.81 -0.01	32.25 1.91 -0.01	37.75 2.27 0.00	55.37 3.33 -0.01	81.72 5.27 -3.28	57.94 4.24 -1.37	42.13 3.07 -0.15	38.04 2.98 -0.02	37.16 2.81 -2.08	38.77 2.84 -1.77	38.83 2.67 -6.47	39.81 2.80 -2.03	42.94 2.93 -1.92	51.69 3.41 -0.99	72.92 5.04 -2.40	84.37 5.88 -2.11	77.88 5.12 -1.59	59.76 3.79 -1.02	48.71 2.89 0.00	41.31 2.41 -0.01	38.45 2.27 -0.20
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.11 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.18 1.85 0.00	37.68 2.20 0.00	55.43 3.38 -0.01	81.90 5.41 -3.31	58.06 4.34 -1.39	42.13 3.07 -0.15	38.00 2.94 -0.02	37.13 2.77 -2.08	38.73 2.80 -1.77	38.80 2.64 -6.47	39.84 2.83 -2.03	42.98 2.97 -1.92	51.75 3.45 -1.00	73.00 5.11 -2.40	84.53 6.03 -2.12	78.03 5.27 -1.59	59.87 3.90 -1.02	48.66 2.84 0.00	41.26 2.37 0.00	38.41 2.23 -0.20
RAVENSWOOD_GT_9 24257	35.11 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.18 1.85 0.00	37.68 2.20 0.00	55.43 3.38 -0.01	81.90 5.41 -3.31	58.06 4.34 -1.39	42.13 3.07 -0.15	38.00 2.94 -0.02	37.13 2.77 -2.08	38.73 2.80 -1.77	38.80 2.64 -6.47	39.84 2.83 -2.03	42.98 2.97 -1.92	51.75 3.45 -1.00	73.00 5.11 -2.40	84.53 6.03 -2.12	78.03 5.27 -1.59	59.87 3.90 -1.02	48.66 2.84 0.00	41.26 2.37 0.00	38.41 2.23 -0.20

RAVENSWOOD___1 23533	35.26 2.37 -0.01	32.31 2.06 -0.01	32.31 2.00 -0.01	31.09 1.92 -0.01	32.34 2.00 -0.01	37.83 2.34 -0.01	55.48 3.43 -0.01	81.60 5.12 -3.31	57.74 4.03 -1.39	42.13 3.07 -0.15	38.11 3.05 -0.02	37.26 2.91 -2.08	38.83 2.90 -1.77	38.88 2.73 -6.47	39.81 2.80 -2.03	42.99 2.97 -1.92	51.65 3.36 -1.00	72.73 4.85 -2.40	84.34 5.73 -2.22	77.74 4.98 -1.59	59.64 3.68 -1.02	48.76 2.94 0.00	41.42 2.53 -0.01	38.56 2.37 -0.21
RAVENSWOOD___2 23534	35.19 2.30 -0.01	32.22 1.96 -0.01	32.22 1.91 -0.01	31.00 1.84 -0.01	32.28 1.94 -0.01	37.72 2.24 -0.01	55.11 3.07 -0.01	81.17 4.69 -3.31	57.43 3.72 -1.39	42.01 2.96 -0.15	38.04 2.98 -0.02	37.16 2.81 -2.08	38.77 2.83 -1.77	38.83 2.67 -6.47	39.74 2.73 -2.03	42.87 2.86 -1.92	51.32 3.03 -1.00	72.34 4.46 -2.40	83.87 5.27 -2.22	77.25 4.49 -1.59	59.26 3.30 -1.02	48.67 2.84 0.00	41.35 2.45 -0.01	38.49 2.30 -0.21
RAVENSWOOD___3 23535	35.12 2.24 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.94 1.78 0.00	32.21 1.88 0.00	37.65 2.16 0.00	55.38 3.33 -0.01	81.90 5.41 -3.31	57.90 4.19 -1.39	42.13 3.07 -0.15	38.00 2.94 -0.02	37.13 2.78 -2.08	38.77 2.83 -1.77	38.80 2.64 -6.47	39.84 2.83 -2.03	42.99 2.97 -1.92	51.74 3.45 -1.00	72.93 5.04 -2.40	84.57 5.96 -2.22	78.03 5.27 -1.59	59.86 3.90 -1.02	48.67 2.84 0.00	41.26 2.37 0.00	38.42 2.23 -0.21
RAVENSWOOD___4 23820	35.25 2.37 -0.01	32.28 2.03 -0.01	32.28 1.97 -0.01	31.06 1.89 -0.01	32.31 1.97 -0.01	37.79 2.30 -0.01	55.42 3.38 -0.01	81.50 5.04 -3.28	57.68 3.97 -1.37	42.09 3.04 -0.15	38.07 3.01 -0.02	37.22 2.87 -2.08	38.83 2.90 -1.77	38.86 2.70 -6.47	39.77 2.76 -2.03	42.94 2.93 -1.92	51.59 3.31 -0.99	72.73 4.85 -2.40	84.25 5.65 -2.22	77.67 4.91 -1.59	59.59 3.63 -1.02	48.71 2.89 0.00	41.42 2.53 -0.01	38.52 2.34 -0.21
RCPL_TRUST___DRP 24196	35.11 2.24 0.00	32.15 1.91 0.00	32.18 1.88 0.00	30.94 1.78 0.00	32.21 1.88 0.00	37.71 2.24 0.00	55.42 3.38 -0.01	81.66 5.63 -2.86	58.02 4.50 -1.20	42.19 3.15 -0.13	38.07 3.01 -0.02	37.19 2.84 -2.08	38.78 2.87 -1.75	38.85 2.70 -6.46	39.88 2.90 -2.00	43.00 3.05 -1.86	51.75 3.59 -0.86	72.86 5.30 -2.07	84.37 6.19 -1.80	77.94 5.41 -1.36	59.84 4.01 -0.88	48.66 2.84 0.00	41.26 2.37 0.00	38.41 2.23 -0.20
RED___ROCHESTER 323720	33.08 0.20 0.00	30.61 0.36 0.00	30.63 0.33 0.00	29.36 0.21 0.00	30.52 0.18 0.00	35.73 0.25 0.00	51.62 -0.42 0.00	71.41 -1.76 0.00	52.28 -0.05 0.00	39.52 0.62 0.00	35.59 0.56 0.00	32.99 0.68 -0.04	34.75 0.58 -0.01	30.53 0.68 -0.16	35.43 0.45 0.00	38.51 0.42 0.00	46.59 -0.71 0.00	63.80 -1.63 0.05	74.06 -1.53 0.79	69.82 -1.07 0.28	54.17 -0.77 0.00	45.73 -0.09 0.00	38.70 -0.19 0.00	35.76 -0.21 0.00
REGAN___SOLAR 323812	34.52 1.64 0.00	31.76 1.51 0.00	31.87 1.57 0.00	30.70 1.54 0.00	31.97 1.64 0.00	37.46 1.99 0.00	55.58 3.54 0.00	78.22 5.04 0.00	54.42 2.10 0.00	39.21 0.31 0.00	34.68 -0.35 0.00	31.45 -0.65 0.18	32.93 -0.89 0.34	28.83 -0.59 0.27	33.99 -0.52 0.46	37.67 -0.04 0.38	48.29 0.99 0.00	68.75 3.27 0.01	81.97 4.89 -0.70	75.38 4.27 0.06	58.35 3.41 0.00	48.53 2.70 0.00	41.03 2.14 0.00	37.81 1.94 0.10
RENSSELAER___COGEN 23796	33.67 0.79 0.00	31.00 0.76 0.00	30.87 0.57 0.00	29.80 0.64 0.00	30.97 0.64 0.00	36.22 0.75 0.00	53.18 1.14 0.00	74.74 1.68 0.12	53.43 1.15 0.05	39.64 0.74 0.01	35.70 0.66 0.00	32.55 0.55 0.27	34.19 0.51 0.49	29.82 0.59 0.46	34.88 0.56 0.66	38.00 0.46 0.55	47.83 0.57 0.03	66.57 1.18 0.09	73.64 1.53 4.27	72.27 1.21 0.11	55.84 0.93 0.03	46.51 0.69 0.00	39.39 0.50 0.00	36.45 0.61 0.14
REPUBLIC_115KV_BARTNBK 55605	35.58 2.70 0.00	32.79 2.54 0.00	32.88 2.58 0.00	31.72 2.57 0.00	32.97 2.64 0.00	38.53 3.05 0.00	57.19 5.15 0.00	80.53 7.46 0.11	56.68 4.40 0.04	41.35 2.45 0.00	36.82 1.79 0.00	33.41 1.42 0.27	34.79 1.16 0.53	30.53 1.28 0.43	35.73 1.47 0.72	39.28 1.79 0.61	50.15 2.88 0.03	70.64 5.24 0.09	83.49 7.33 0.22	77.54 6.48 0.11	59.80 4.89 0.03	49.76 3.94 0.00	42.12 3.23 0.00	38.84 3.02 0.16
REVERE_CPPR_DRP 24186	33.70 0.82 0.00	31.00 0.76 0.00	31.09 0.79 0.00	29.83 0.67 0.00	31.15 0.82 0.00	36.51 1.03 0.00	53.96 1.93 0.00	76.17 3.00 0.00	54.21 1.88 0.00	39.99 1.09 0.00	35.88 0.84 0.00	32.88 0.61 0.00	34.78 0.61 0.00	30.28 0.59 0.00	35.71 0.73 0.00	39.04 0.95 0.00	48.48 1.18 0.00	67.23 1.77 0.02	78.57 2.52 0.33	73.47 2.42 0.12	56.81 1.87 0.00	47.34 1.51 0.00	40.02 1.13 0.00	37.02 1.04 0.00
REYNLDPA_13_KV_LD 356490	32.78 -0.10 0.00	30.13 -0.12 0.00	30.30 0.00 0.00	29.10 -0.06 0.00	30.30 -0.03 0.00	35.44 -0.04 0.00	52.04 0.00 0.00	73.10 -0.07 0.00	52.12 -0.21 0.00	38.79 -0.12 0.00	34.93 -0.10 0.00	32.20 -0.06 0.00	34.27 0.10 0.00	29.69 0.00 0.00	35.15 0.18 0.00	38.28 0.19 0.00	47.77 0.47 0.00	66.07 0.59 0.00	76.46 0.08 0.00	71.46 0.29 0.00	55.16 0.22 0.00	46.05 0.23 0.00	39.28 0.39 0.00	36.37 0.40 0.00
REYNOLDS_115KV_TB3 80639	34.00 1.12 0.00	31.28 1.03 0.00	31.21 0.91 0.00	30.06 0.90 0.00	31.27 0.94 0.00	36.54 1.06 0.00	53.75 1.72 0.00	75.61 2.56 0.12	54.16 1.88 0.05	40.10 1.21 0.01	36.16 1.12 0.00	32.93 0.97 0.30	34.50 0.92 0.58	30.19 0.98 0.48	35.17 0.98 0.79	38.38 0.95 0.66	48.44 1.18 0.04	67.48 2.10 0.10	78.67 2.52 0.23	73.19 2.14 0.11	56.55 1.65 0.04	47.06 1.24 0.00	39.86 0.97 0.00	36.74 0.94 0.17
RIVERBAY____ 323610	35.58 2.70 -0.01	32.61 2.36 -0.01	32.64 2.33 -0.01	31.41 2.25 -0.01	32.68 2.34 -0.01	38.21 2.73 0.00	56.10 4.06 -0.01	80.90 5.56 -2.17	57.69 4.45 -0.91	42.28 3.27 -0.11	38.32 3.26 -0.02	37.42 3.07 -2.08	39.01 3.11 -1.74	39.04 2.91 -6.44	39.96 3.01 -1.98	43.05 3.16 -1.80	51.50 3.55 -0.66	72.49 5.44 -1.57	83.89 6.19 -1.32	77.60 5.41 -1.02	59.63 4.01 -0.68	49.21 3.39 0.00	41.82 2.92 -0.01	38.88 2.70 -0.20
RIVERSDE_115KV_TB3 55908	33.77 0.89 0.00	31.06 0.82 0.00	30.97 0.67 0.00	29.86 0.70 0.00	31.03 0.70 0.00	36.29 0.82 0.00	53.34 1.30 0.00	75.03 1.98 0.12	53.74 1.47 0.05	39.79 0.89 0.01	35.84 0.81 0.00	32.66 0.68 0.28	34.24 0.61 0.53	29.93 0.71 0.47	34.92 0.66 0.72	38.10 0.61 0.61	48.02 0.76 0.04	66.90 1.51 0.10	77.91 1.76 0.23	72.55 1.49 0.11	56.06 1.15 0.04	46.65 0.82 0.00	39.51 0.62 0.00	36.51 0.68 0.15
ROARING___BROOK_WT_PWR 323790	31.89 -0.99 0.00	29.34 -0.91 0.00	29.45 -0.85 0.00	28.40 -0.76 0.00	29.60 -0.73 0.00	34.73 -0.75 0.00	51.15 -0.88 0.00	72.30 -0.87 0.00	51.80 -0.52 0.00	38.55 -0.35 0.00	34.68 -0.35 0.00	31.94 -0.32 0.00	33.79 -0.38 0.00	29.27 -0.42 0.00	34.52 -0.46 0.00	37.56 -0.53 0.00	46.73 -0.57 0.00	64.70 -0.78 0.00	75.31 -1.07 0.00	70.11 -1.07 0.00	54.06 -0.88 0.00	45.14 -0.69 0.00	38.38 -0.51 0.00	35.55 -0.43 0.00

ROCHESRG_115KV_T4 355643	32.78 -0.10 0.00	30.34 0.09 0.00	30.36 0.06 0.00	29.13 -0.03 0.00	30.24 -0.09 0.00	35.30 -0.18 0.00	51.15 -0.88 0.00	70.68 -2.49 0.00	51.44 -0.89 0.00	39.10 0.19 0.00	35.21 0.18 0.00	32.63 0.32 -0.04	34.38 0.20 -0.01	30.17 0.33 -0.16	35.05 0.07 0.00	38.09 0.00 0.00	46.11 -1.18 0.00	62.81 -2.62 0.05	73.21 -2.37 0.80	68.97 -1.92 0.28	53.51 -1.43 0.00	45.18 -0.64 0.00	38.27 -0.62 0.00	35.40 -0.58 0.00
ROCHESTER_9_IC 23652	32.94 0.07 0.00	30.49 0.24 0.00	30.51 0.21 0.00	29.25 0.09 0.00	30.39 0.06 0.00	35.48 0.00 0.00	51.41 -0.62 0.00	71.12 -2.05 0.00	51.75 -0.58 0.00	39.33 0.43 0.00	35.42 0.39 0.00	32.82 0.52 -0.04	34.58 0.41 -0.01	30.35 0.50 -0.16	35.26 0.28 0.00	38.32 0.23 0.00	46.35 -0.95 0.00	63.14 -2.29 0.05	73.68 -1.91 0.79	69.40 -1.49 0.28	53.90 -1.04 0.00	45.50 -0.32 0.00	38.50 -0.39 0.00	35.58 -0.40 0.00
ROCKVIEW_13_KV_LD 356306	35.02 2.14 0.00	32.06 1.81 0.00	32.06 1.76 0.00	30.85 1.69 0.00	32.12 1.79 0.00	37.61 2.13 0.00	55.31 3.28 0.00	78.12 5.34 0.39	56.46 4.29 0.16	41.88 3.00 0.02	37.83 2.80 0.00	36.95 2.61 -2.07	38.51 2.70 -1.65	38.60 2.55 -6.36	39.53 2.73 -1.83	42.48 2.90 -1.49	50.58 3.41 0.12	70.23 5.04 0.29	81.80 5.88 0.46	76.11 5.20 0.26	58.67 3.85 0.12	48.57 2.75 0.00	41.15 2.26 0.00	38.34 2.16 -0.20
ROME____115KV_TB2 80656	33.70 0.82 0.00	31.00 0.76 0.00	31.09 0.79 0.00	29.83 0.67 0.00	31.15 0.82 0.00	36.51 1.03 0.00	53.96 1.93 0.00	76.17 3.00 0.00	54.21 1.88 0.00	39.99 1.09 0.00	35.88 0.84 0.00	32.88 0.61 0.00	34.78 0.61 0.00	30.28 0.59 0.00	35.71 0.73 0.00	39.04 0.95 0.00	48.48 1.18 0.00	67.23 1.77 0.02	78.57 2.52 0.33	73.47 2.42 0.12	56.81 1.87 0.00	47.34 1.51 0.00	40.02 1.13 0.00	37.02 1.04 0.00
ROSETON___1 23587	34.46 1.58 0.00	31.58 1.33 0.00	31.57 1.27 0.00	30.41 1.25 0.00	31.64 1.30 0.00	36.97 1.49 0.00	54.32 2.29 0.00	76.52 3.88 0.52	55.09 2.98 0.22	40.98 2.10 0.02	37.03 2.00 0.00	34.44 1.84 -0.33	37.67 1.88 -1.63	30.68 1.84 0.85	39.22 1.89 -2.36	42.00 1.98 -1.92	49.41 2.27 0.16	68.50 3.40 0.39	79.89 4.05 0.54	74.41 3.56 0.32	57.42 2.64 0.16	47.70 1.88 0.00	40.49 1.60 0.00	37.65 1.48 -0.20
ROSETON___2 23588	34.46 1.58 0.00	31.58 1.33 0.00	31.57 1.27 0.00	30.41 1.25 0.00	31.64 1.30 0.00	36.97 1.49 0.00	54.32 2.29 0.00	76.52 3.88 0.52	55.09 2.98 0.22	40.98 2.10 0.02	37.03 2.00 0.00	34.44 1.84 -0.33	37.67 1.88 -1.63	30.68 1.84 0.85	39.22 1.89 -2.36	42.00 1.98 -1.92	49.41 2.27 0.16	68.50 3.40 0.39	79.89 4.05 0.54	74.41 3.56 0.32	57.42 2.64 0.16	47.70 1.88 0.00	40.49 1.60 0.00	37.65 1.48 -0.20
ROTTTRDAM_115KV_TB3 80664	33.90 1.02 0.00	31.15 0.91 0.00	31.21 0.91 0.00	30.03 0.87 0.00	31.24 0.91 0.00	36.51 1.03 0.00	53.86 1.82 0.00	75.85 2.78 0.10	54.17 1.88 0.04	40.03 1.13 0.00	36.02 0.98 0.00	32.87 0.84 0.23	34.52 0.79 0.42	30.12 0.83 0.40	35.28 0.87 0.57	38.57 0.95 0.48	48.54 1.28 0.03	67.56 2.16 0.08	78.91 2.75 0.22	73.49 2.42 0.10	56.78 1.87 0.03	47.29 1.47 0.00	40.06 1.17 0.00	36.90 1.04 0.12
RUSSELL___1 23602	33.08 0.20 0.00	30.61 0.36 0.00	30.63 0.33 0.00	29.36 0.20 0.00	30.51 0.18 0.00	35.62 0.14 0.00	51.62 -0.42 0.00	71.41 -1.76 0.00	52.01 -0.31 0.00	39.53 0.62 0.00	35.56 0.53 0.00	32.99 0.68 -0.04	34.75 0.58 -0.01	30.50 0.65 -0.16	35.43 0.45 0.00	38.51 0.42 0.00	46.59 -0.71 0.00	63.47 -1.96 0.05	74.06 -1.53 0.79	69.75 -1.14 0.28	54.17 -0.77 0.00	45.73 -0.09 0.00	38.70 -0.19 0.00	35.76 -0.22 0.00
RUSSELL___2 23532	33.08 0.20 0.00	30.61 0.36 0.00	30.63 0.33 0.00	29.36 0.20 0.00	30.51 0.18 0.00	35.62 0.14 0.00	51.62 -0.42 0.00	71.41 -1.76 0.00	52.01 -0.31 0.00	39.53 0.62 0.00	35.56 0.53 0.00	32.99 0.68 -0.04	34.75 0.58 -0.01	30.50 0.65 -0.16	35.43 0.45 0.00	38.51 0.42 0.00	46.59 -0.71 0.00	63.47 -1.96 0.05	74.06 -1.53 0.79	69.75 -1.14 0.28	54.17 -0.77 0.00	45.73 -0.09 0.00	38.70 -0.19 0.00	35.76 -0.22 0.00
RUSSELL___3 23549	33.08 0.20 0.00	30.61 0.36 0.00	30.63 0.33 0.00	29.36 0.20 0.00	30.51 0.18 0.00	35.62 0.14 0.00	51.62 -0.42 0.00	71.41 -1.76 0.00	52.01 -0.31 0.00	39.53 0.62 0.00	35.56 0.53 0.00	32.99 0.68 -0.04	34.75 0.58 -0.01	30.50 0.65 -0.16	35.43 0.45 0.00	38.51 0.42 0.00	46.59 -0.71 0.00	63.47 -1.96 0.05	74.06 -1.53 0.79	69.75 -1.14 0.28	54.17 -0.77 0.00	45.73 -0.09 0.00	38.70 -0.19 0.00	35.76 -0.22 0.00
RUSSELL___4 23556	33.08 0.20 0.00	30.61 0.36 0.00	30.63 0.33 0.00	29.36 0.20 0.00	30.51 0.18 0.00	35.62 0.14 0.00	51.62 -0.42 0.00	71.41 -1.76 0.00	52.01 -0.31 0.00	39.53 0.62 0.00	35.56 0.53 0.00	32.99 0.68 -0.04	34.75 0.58 -0.01	30.50 0.65 -0.16	35.43 0.45 0.00	38.51 0.42 0.00	46.59 -0.71 0.00	63.47 -1.96 0.05	74.06 -1.53 0.79	69.75 -1.14 0.28	54.17 -0.77 0.00	45.73 -0.09 0.00	38.70 -0.19 0.00	35.76 -0.22 0.00
RUSSELL___STATION 23914	33.08 0.20 0.00	30.61 0.36 0.00	30.63 0.33 0.00	29.36 0.20 0.00	30.51 0.18 0.00	35.62 0.14 0.00	51.62 -0.42 0.00	71.41 -1.76 0.00	52.01 -0.31 0.00	39.53 0.62 0.00	35.56 0.53 0.00	32.99 0.68 -0.04	34.75 0.58 -0.01	30.50 0.65 -0.16	35.43 0.45 0.00	38.51 0.42 0.00	46.59 -0.71 0.00	63.47 -1.96 0.05	74.06 -1.53 0.79	69.75 -1.14 0.28	54.17 -0.77 0.00	45.73 -0.09 0.00	38.70 -0.19 0.00	35.76 -0.22 0.00
S SALMON___HYD 24043	32.68 -0.20 0.00	30.10 -0.15 0.00	30.15 -0.15 0.00	28.98 -0.17 0.00	30.15 -0.18 0.00	35.37 -0.11 0.00	52.04 0.00 0.00	75.08 -0.07 -1.98	52.33 0.00 0.00	38.79 -0.12 0.00	34.86 -0.17 0.00	32.01 -0.26 0.00	33.89 -0.27 0.00	29.51 -0.18 0.00	34.70 -0.28 0.00	37.87 -0.23 0.00	46.68 -0.62 0.00	64.57 -0.92 0.00	76.54 -0.69 -0.85	70.93 -0.49 -0.26	54.56 -0.38 0.00	45.69 -0.14 0.00	38.74 -0.15 0.00	35.80 -0.18 0.00
S.PERRY__115KV_TB1 80734	33.83 0.95 0.00	31.31 1.06 0.00	31.36 1.06 0.00	30.06 0.90 0.00	31.21 0.88 0.00	36.61 1.14 0.00	53.54 1.51 0.00	74.05 0.88 0.00	52.96 0.63 0.00	39.53 0.62 0.00	35.46 0.42 0.00	32.72 0.39 -0.07	34.52 0.34 -0.01	30.36 0.42 -0.26	35.15 0.17 0.00	38.44 0.34 0.00	46.96 -0.33 0.00	65.31 -0.13 0.05	76.93 1.30 0.75	72.47 1.57 0.26	56.20 1.26 0.00	47.15 1.33 0.00	39.78 0.89 0.00	36.62 0.65 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.85 -0.03 0.00	30.52 0.27 0.00	30.54 0.24 0.00	29.16 0.00 0.00	30.21 -0.12 0.00	35.05 -0.43 0.00	50.01 -2.03 0.00	67.54 -5.63 0.00	49.97 -2.35 0.00	39.14 0.23 0.00	35.35 0.32 0.00	32.68 0.35 -0.05	34.34 0.17 -0.01	30.34 0.45 -0.21	34.84 -0.14 0.00	37.60 -0.50 0.00	44.79 -2.51 0.00	60.06 -5.37 0.05	70.25 -5.35 0.79	66.20 -4.70 0.28	51.37 -3.57 0.00	44.04 -1.79 0.00	37.53 -1.36 0.00	34.83 -1.15 0.00

SAWYER___23_KV_LOAD 55526	32.85 -0.03 0.00	30.52 0.27 0.00	30.54 0.24 0.00	29.16 0.00 0.00	30.21 -0.12 0.00	35.05 -0.43 0.00	50.01 -2.03 0.00	67.54 -5.63 0.00	49.97 -2.35 0.00	39.14 0.23 0.00	35.35 0.32 0.00	32.68 0.35 -0.05	34.34 0.17 -0.01	30.34 0.45 -0.21	34.84 -0.14 0.00	37.60 -0.50 0.00	44.79 -2.51 0.00	60.06 -5.37 0.05	70.25 -5.35 0.79	66.20 -4.70 0.28	51.37 -3.57 0.00	44.04 -1.79 0.00	37.53 -1.36 0.00	34.83 -1.15 0.00
SELKIRK___I 23801	33.90 1.02 0.00	31.19 0.94 0.00	31.15 0.85 0.00	30.03 0.87 0.00	31.30 0.97 0.00	36.58 1.10 0.00	53.91 1.87 0.00	75.57 2.49 0.09	53.86 1.57 0.04	39.79 0.90 0.00	35.73 0.70 0.00	32.70 0.58 0.14	34.52 0.58 0.22	29.94 0.56 0.31	35.35 0.66 0.29	38.57 0.72 0.25	48.12 0.85 0.03	67.04 1.64 0.08	76.23 2.14 0.28	72.92 1.85 0.10	56.34 1.43 0.03	46.97 1.15 0.00	39.82 0.93 0.00	36.87 0.97 0.08
SELKIRK___II 23799	33.70 0.82 0.00	31.00 0.76 0.00	30.94 0.64 0.00	29.83 0.67 0.00	31.03 0.70 0.00	36.26 0.78 0.00	53.34 1.30 0.00	74.96 1.90 0.11	53.59 1.31 0.05	39.75 0.85 0.01	35.80 0.77 0.00	32.74 0.68 0.21	34.47 0.65 0.34	29.96 0.68 0.41	35.23 0.70 0.45	38.40 0.69 0.38	48.02 0.75 0.03	66.77 1.38 0.09	75.46 1.68 0.26	72.49 1.42 0.11	56.01 1.10 0.03	46.65 0.83 0.00	39.55 0.66 0.00	36.56 0.68 0.10
SENECA OSWGO___HYD 24041	32.35 -0.53 0.00	29.79 -0.45 0.00	29.81 -0.49 0.00	28.69 -0.47 0.00	29.82 -0.52 0.00	34.95 -0.53 0.00	51.31 -0.73 0.00	74.96 -1.24 -3.04	51.59 -0.73 0.00	38.44 -0.47 0.00	34.58 -0.46 0.00	31.81 -0.45 0.00	33.72 -0.45 0.00	29.33 -0.35 0.00	34.45 -0.52 0.00	37.52 -0.57 0.00	46.30 -1.00 0.00	64.00 -1.50 -0.02	76.45 -1.53 -1.60	70.24 -1.42 -0.50	53.89 -1.05 0.00	45.00 -0.82 0.00	38.15 -0.74 0.00	35.26 -0.72 0.00
SENECA___115KV_TB3 355854	33.04 0.17 0.00	30.70 0.45 0.00	30.72 0.42 0.00	29.31 0.15 0.00	30.39 0.06 0.00	35.48 0.00 0.00	50.48 -1.56 0.00	68.34 -4.83 0.00	50.97 -1.36 0.00	39.45 0.54 0.00	35.67 0.63 0.00	32.90 0.58 -0.06	34.59 0.41 -0.01	30.62 0.71 -0.22	35.05 0.07 0.00	37.83 -0.26 0.00	45.12 -2.17 0.00	61.18 -4.26 0.05	70.94 -4.66 0.78	66.91 -3.98 0.28	51.86 -3.08 0.00	44.36 -1.47 0.00	37.84 -1.05 0.00	35.11 -0.86 0.00
SENECA___ENERGY 23797	32.88 0.00 0.00	30.31 0.06 0.00	30.36 0.06 0.00	29.16 0.00 0.00	30.33 0.00 0.00	35.62 0.14 0.00	52.19 0.16 0.00	73.67 -0.36 -0.86	52.33 0.00 0.00	39.06 0.16 0.00	35.11 0.07 0.00	32.38 0.06 -0.05	34.24 0.07 -0.01	30.02 0.15 -0.19	34.91 -0.07 0.00	38.09 0.00 0.00	46.73 -0.57 0.00	64.86 -0.59 0.04	75.97 -0.23 0.18	70.95 -0.14 0.08	54.89 -0.05 0.00	45.82 0.00 0.00	38.74 -0.15 0.00	35.76 -0.21 0.00
SHOEMAKER___GT 23640	34.62 1.74 0.00	31.76 1.51 0.00	31.75 1.45 0.00	30.59 1.43 0.00	31.82 1.49 0.00	37.18 1.70 0.00	54.90 2.86 0.00	79.02 4.54 -1.31	56.27 3.40 -0.55	41.30 2.33 -0.06	37.15 2.10 -0.01	35.81 1.94 -1.61	37.50 2.02 -1.32	36.65 1.96 -5.01	38.53 2.06 -1.49	41.67 2.25 -1.33	50.43 2.74 -0.39	70.48 4.06 -0.94	81.89 4.81 -0.70	76.09 4.34 -0.58	58.58 3.24 -0.40	48.11 2.29 0.00	40.76 1.87 0.00	37.87 1.73 -0.17
SHOEMAKR_138KV_BK 111 55601	34.62 1.74 0.00	31.73 1.48 0.00	31.75 1.45 0.00	30.59 1.43 0.00	31.82 1.49 0.00	37.22 1.74 0.00	54.90 2.86 0.00	79.00 4.54 -1.29	56.37 3.51 -0.54	41.30 2.33 -0.06	37.18 2.14 -0.01	35.82 1.97 -1.59	37.48 2.02 -1.30	36.61 1.99 -4.93	38.55 2.10 -1.47	41.65 2.25 -1.31	50.43 2.74 -0.39	70.47 4.06 -0.93	81.88 4.81 -0.68	76.01 4.27 -0.57	58.53 3.19 -0.40	48.11 2.29 0.00	40.72 1.83 0.00	37.87 1.73 -0.16
SHOREHAM_IC_1 23715	21.75 0.52 11.66	19.54 0.33 11.04	18.85 0.24 11.69	20.34 0.26 9.08	19.06 0.27 11.55	27.92 0.28 7.84	38.19 0.47 14.31	31.37 1.90 43.70	29.29 1.88 24.92	19.53 1.52 20.89	12.59 1.82 24.27	13.08 2.00 21.19	13.22 1.84 22.79	14.00 1.75 17.43	14.39 1.75 22.33	17.85 1.56 21.81	35.92 1.75 13.13	43.44 2.55 24.60	49.00 3.13 30.52	51.40 2.13 21.90	45.87 1.32 10.39	39.73 0.46 6.55	38.37 0.16 0.68	28.27 0.32 8.03
SHOREHAM_IC_2 23716	21.75 0.53 11.65	19.55 0.33 11.03	18.89 0.27 11.69	20.35 0.26 9.07	19.07 0.27 11.54	27.99 0.35 7.84	38.14 0.42 14.31	31.37 1.90 43.70	29.56 2.15 24.92	19.53 1.52 20.89	12.62 1.86 24.27	13.11 2.03 21.19	13.22 1.84 22.79	14.00 1.75 17.43	14.39 1.75 22.33	17.85 1.56 21.81	35.87 1.70 13.13	43.64 2.75 24.60	48.89 3.13 30.62	51.48 2.21 21.90	45.87 1.32 10.39	39.82 0.55 6.55	38.33 0.12 0.68	28.31 0.36 8.03
SISSONVILLE____ 23735	32.88 0.00 0.00	30.22 -0.03 0.00	30.39 0.09 0.00	29.19 0.03 0.00	30.42 0.09 0.00	35.62 0.14 0.00	52.35 0.31 0.00	73.97 0.51 -0.29	52.38 0.05 0.00	38.79 -0.12 0.00	35.03 0.00 0.00	32.20 -0.06 0.00	34.30 0.14 0.00	29.72 0.03 0.00	35.26 0.28 0.00	38.44 0.34 0.00	47.77 0.47 0.00	65.81 0.33 0.00	76.50 0.00 -0.12	71.56 0.36 -0.04	55.49 0.55 0.00	46.56 0.73 0.00	39.63 0.74 0.00	36.73 0.76 0.00
SITHE_IND_GS1 24169	31.92 -0.95 0.00	29.40 -0.85 0.00	29.45 -0.85 0.00	28.34 -0.82 0.00	29.45 -0.88 0.00	34.48 -0.99 0.00	50.52 -1.51 0.00	60.23 -2.34 10.60	50.86 -1.46 0.00	37.89 -1.01 0.00	34.12 -0.91 0.00	31.43 -0.84 0.00	33.27 -0.89 0.00	28.94 -0.74 0.00	34.00 -0.98 0.00	37.07 -1.03 0.00	45.74 -1.56 0.00	62.81 -2.29 0.38	63.30 -2.52 10.56	65.33 -2.35 3.50	53.18 -1.76 0.00	44.45 -1.37 0.00	37.64 -1.25 0.00	34.82 -1.15 0.00
SITHE_IND_GS2 24170	31.92 -0.95 0.00	29.40 -0.85 0.00	29.45 -0.85 0.00	28.34 -0.82 0.00	29.45 -0.88 0.00	34.48 -0.99 0.00	50.52 -1.51 0.00	60.23 -2.34 10.60	50.86 -1.46 0.00	37.89 -1.01 0.00	34.12 -0.91 0.00	31.43 -0.84 0.00	33.27 -0.89 0.00	28.94 -0.74 0.00	34.00 -0.98 0.00	37.07 -1.03 0.00	45.74 -1.56 0.00	62.81 -2.29 0.38	63.30 -2.52 10.56	65.33 -2.35 3.50	53.18 -1.76 0.00	44.45 -1.37 0.00	37.64 -1.25 0.00	34.82 -1.15 0.00
SITHE_IND_GS3 24171	31.92 -0.95 0.00	29.40 -0.85 0.00	29.45 -0.85 0.00	28.34 -0.82 0.00	29.45 -0.88 0.00	34.48 -0.99 0.00	50.52 -1.51 0.00	60.23 -2.34 10.60	50.86 -1.46 0.00	37.89 -1.01 0.00	34.12 -0.91 0.00	31.43 -0.84 0.00	33.27 -0.89 0.00	28.94 -0.74 0.00	34.00 -0.98 0.00	37.07 -1.03 0.00	45.74 -1.56 0.00	62.81 -2.29 0.38	63.30 -2.52 10.56	65.33 -2.35 3.50	53.18 -1.76 0.00	44.45 -1.37 0.00	37.64 -1.25 0.00	34.82 -1.15 0.00
SITHE_IND_GS4 24172	31.92 -0.95 0.00	29.40 -0.85 0.00	29.45 -0.85 0.00	28.34 -0.82 0.00	29.45 -0.88 0.00	34.48 -0.99 0.00	50.52 -1.51 0.00	60.23 -2.34 10.60	50.86 -1.46 0.00	37.89 -1.01 0.00	34.12 -0.91 0.00	31.43 -0.84 0.00	33.27 -0.89 0.00	28.94 -0.74 0.00	34.00 -0.98 0.00	37.07 -1.03 0.00	45.74 -1.56 0.00	62.81 -2.29 0.38	63.30 -2.52 10.56	65.33 -2.35 3.50	53.18 -1.76 0.00	44.45 -1.37 0.00	37.64 -1.25 0.00	34.82 -1.15 0.00

SITHE___BATAVIA 24024	33.31 0.43 0.00	30.94 0.70 0.00	31.00 0.70 0.00	29.62 0.47 0.00	30.73 0.39 0.00	35.94 0.46 0.00	51.31 -0.73 0.00	70.17 -3.00 0.00	52.07 -0.26 0.00	39.91 1.01 0.00	35.94 0.91 0.00	33.32 1.00 -0.05	34.99 0.82 -0.01	30.88 1.01 -0.19	35.54 0.56 0.00	38.51 0.42 0.00	45.83 -1.47 0.00	62.29 -3.14 0.05	72.61 -2.98 0.79	68.61 -2.28 0.28	53.18 -1.76 0.00	45.41 -0.41 0.00	38.54 -0.35 0.00	35.69 -0.29 0.00
SITHE___INDEPEND 23800	31.93 -0.95 0.00	29.40 -0.85 0.00	29.45 -0.85 0.00	28.34 -0.82 0.00	29.45 -0.88 0.00	34.45 -1.03 0.00	50.53 -1.51 0.00	60.23 -2.34 10.60	50.81 -1.52 0.00	37.89 -1.01 0.00	34.12 -0.91 0.00	31.43 -0.84 0.00	33.27 -0.89 0.00	28.94 -0.74 0.00	34.03 -0.94 0.00	37.06 -1.03 0.00	45.73 -1.56 0.00	62.75 -2.36 0.38	63.30 -2.52 10.56	65.33 -2.35 3.50	53.18 -1.76 0.00	44.45 -1.37 0.00	37.65 -1.24 0.00	34.83 -1.15 0.00
SITHE___MASSENA 23902	32.81 -0.07 0.00	30.16 -0.09 0.00	30.30 0.00 0.00	29.10 -0.06 0.00	30.30 -0.03 0.00	35.44 -0.04 0.00	52.09 0.05 0.00	73.17 0.00 0.00	52.17 -0.16 0.00	38.79 -0.12 0.00	34.93 -0.10 0.00	32.17 -0.10 0.00	34.23 0.07 0.00	29.66 -0.03 0.00	35.15 0.18 0.00	38.28 0.19 0.00	47.77 0.47 0.00	66.01 0.52 0.00	76.53 0.15 0.00	71.53 0.36 0.00	55.22 0.28 0.00	46.15 0.32 0.00	39.32 0.43 0.00	36.41 0.43 0.00
SITHE___OGDNSBRG 24021	33.21 0.33 0.00	30.52 0.27 0.00	30.69 0.39 0.00	29.45 0.29 0.00	30.73 0.39 0.00	35.97 0.50 0.00	52.97 0.94 0.00	74.49 1.32 0.00	52.75 0.42 0.00	38.94 0.04 0.00	35.07 0.04 0.00	32.27 0.00 0.00	34.37 0.20 0.00	29.74 0.06 0.00	35.29 0.31 0.00	38.47 0.38 0.00	48.15 0.85 0.00	66.66 1.18 0.00	77.53 1.15 0.00	72.59 1.42 0.00	56.09 1.15 0.00	46.92 1.10 0.00	39.94 1.05 0.00	37.02 1.04 0.00
SITHE___STERLING 23777	33.54 0.66 0.00	30.85 0.60 0.00	30.94 0.64 0.00	29.71 0.55 0.00	31.00 0.67 0.00	36.33 0.85 0.00	53.60 1.56 0.00	75.51 2.34 0.00	53.90 1.57 0.00	39.80 0.90 0.00	35.70 0.66 0.00	32.78 0.51 0.00	34.68 0.51 0.00	30.22 0.53 0.00	35.57 0.59 0.00	38.85 0.76 0.00	48.19 0.90 0.00	66.84 1.38 0.02	77.90 1.91 0.39	72.88 1.85 0.14	56.37 1.43 0.00	46.97 1.15 0.00	39.71 0.82 0.00	36.73 0.76 0.00
SLEIGHT__34_KV_TB1 80719	32.58 -0.30 0.00	30.07 -0.18 0.00	30.12 -0.18 0.00	28.90 -0.26 0.00	30.06 -0.27 0.00	35.19 -0.28 0.00	51.41 -0.62 0.00	71.91 -1.68 -0.43	51.65 -0.68 0.00	38.90 0.00 0.00	34.96 -0.07 0.00	32.37 0.06 -0.04	34.17 0.00 -0.01	29.97 0.12 -0.16	34.87 -0.10 0.00	37.98 -0.11 0.00	46.30 -0.99 0.00	63.47 -1.96 0.05	74.17 -1.68 0.53	69.62 -1.35 0.20	53.95 -0.99 0.00	45.27 -0.55 0.00	38.31 -0.58 0.00	35.37 -0.61 0.00
SMITHTWN_69_KV_BK 1 55830	18.94 1.22 15.15	16.81 0.91 14.34	15.98 0.88 15.20	18.21 0.85 11.80	16.21 0.88 15.00	26.39 1.10 10.19	38.35 1.51 15.19	30.12 3.37 46.41	27.58 3.30 28.05	14.58 2.37 26.70	6.13 2.59 31.50	6.77 2.68 28.18	6.88 2.53 29.81	7.75 2.35 24.28	8.31 2.38 29.04	12.78 2.32 27.64	36.05 2.70 13.94	45.10 3.99 24.38	48.45 4.58 32.52	51.48 3.56 23.25	47.01 2.36 10.30	40.75 1.42 6.50	39.11 0.93 0.71	26.59 1.12 10.50
SOUTH CAIRO___GT 23612	34.46 1.58 0.00	31.70 1.45 0.00	31.60 1.30 0.00	30.50 1.34 0.00	32.18 1.85 0.00	37.61 2.13 0.00	56.09 4.06 0.00	78.00 4.83 0.00	55.15 2.83 0.00	40.38 1.48 0.00	35.91 0.88 0.00	32.88 0.61 0.00	35.19 1.02 0.00	30.25 0.56 0.00	36.34 1.36 0.00	39.77 1.68 0.00	48.71 1.42 0.00	68.22 2.75 0.01	79.81 3.59 0.16	74.67 3.56 0.06	57.47 2.53 0.00	47.98 2.15 0.00	40.56 1.67 0.00	37.78 1.87 0.06
SOUTH HAMPTN___IC 23720	22.02 0.66 11.52	19.76 0.42 10.91	19.13 0.39 11.56	20.59 0.41 8.98	19.34 0.42 11.41	28.22 0.50 7.75	38.36 0.63 14.30	31.70 2.19 43.66	29.65 2.15 24.82	19.94 1.71 20.67	13.04 2.00 23.99	13.47 2.13 20.92	13.62 1.98 22.52	14.35 1.84 17.17	14.75 1.85 22.08	18.22 1.72 21.59	36.16 1.99 13.12	43.70 2.88 24.66	49.48 3.59 30.49	51.92 2.63 21.88	46.12 1.59 10.41	39.90 0.64 6.57	38.49 0.27 0.68	28.50 0.47 7.94
SOUTHDOW_115KV_TB1 355954	33.67 0.79 0.00	31.18 0.94 0.00	31.12 0.82 0.00	29.65 0.50 0.00	30.67 0.33 0.00	35.65 0.18 0.00	51.46 -0.57 0.00	69.88 -3.29 0.00	51.28 -1.05 0.00	39.72 0.82 0.00	35.88 0.84 0.00	33.01 0.68 -0.06	34.76 0.58 -0.01	30.85 0.92 -0.24	35.26 0.28 0.00	38.09 0.00 0.00	45.88 -1.42 0.00	62.36 -3.08 0.05	73.01 -2.60 0.77	69.05 -1.85 0.27	53.51 -1.43 0.00	45.37 -0.46 0.00	38.66 -0.23 0.00	35.73 -0.25 0.00
SOUTHOLD_69_KV_BK 2 55809	21.89 0.53 11.51	19.65 0.30 10.90	19.06 0.30 11.55	20.51 0.32 8.96	19.27 0.33 11.40	28.23 0.50 7.74	38.10 0.36 14.30	31.42 1.90 43.66	29.71 2.20 24.82	19.84 1.60 20.66	12.98 1.93 23.98	13.39 2.03 20.91	13.43 1.78 22.51	14.21 1.69 17.16	14.55 1.64 22.07	18.03 1.52 21.58	35.98 1.80 13.11	43.58 2.75 24.65	49.23 3.44 30.59	51.79 2.49 21.88	45.90 1.37 10.41	39.76 0.50 6.57	38.17 -0.04 0.68	28.44 0.40 7.93
SOUTHOLD___IC 23719	21.89 0.52 11.52	19.65 0.30 10.90	19.02 0.27 11.55	20.48 0.29 8.97	19.26 0.33 11.41	28.16 0.43 7.75	38.11 0.37 14.30	31.41 1.90 43.66	29.45 1.94 24.82	19.84 1.60 20.66	12.95 1.89 23.98	13.35 2.00 20.91	13.43 1.78 22.51	14.18 1.66 17.16	14.55 1.64 22.07	18.03 1.53 21.58	35.98 1.80 13.11	43.45 2.62 24.66	49.34 3.44 30.48	51.78 2.49 21.88	45.90 1.37 10.41	39.71 0.46 6.57	38.21 0.00 0.68	28.40 0.36 7.94
SOUTH_FORK_WT_PWR 323839	21.53 0.17 11.52	19.31 -0.03 10.91	18.68 -0.06 11.56	20.18 0.00 8.97	18.95 0.03 11.41	27.80 0.07 7.75	37.43 -0.31 14.30	30.46 -0.95 43.66	28.76 1.25 24.82	19.36 1.13 20.67	12.52 1.47 23.98	12.96 1.61 20.92	13.01 1.37 22.52	13.82 1.30 17.17	14.13 1.22 22.07	17.57 1.07 21.59	35.41 1.23 13.12	42.60 1.77 24.66	48.34 2.44 30.49	50.85 1.56 21.88	45.19 0.66 10.41	39.07 -0.18 6.57	37.67 -0.54 0.68	28.00 -0.04 7.94
SPIERFLS_115KV_TB 1 80737	34.13 1.25 0.00	31.43 1.18 0.00	31.45 1.15 0.00	30.33 1.17 0.00	31.55 1.21 0.00	36.75 1.28 0.00	54.38 2.34 0.00	76.65 3.59 0.11	54.38 2.09 0.04	39.95 1.05 0.00	35.80 0.77 0.00	32.58 0.58 0.27	34.09 0.44 0.52	29.83 0.56 0.42	34.83 0.56 0.70	38.19 0.69 0.59	48.45 1.18 0.03	67.89 2.49 0.09	79.67 3.51 0.22	74.06 2.99 0.11	57.16 2.25 0.03	47.56 1.74 0.00	40.29 1.40 0.00	37.08 1.26 0.16
ST LAWRENCE____ 23600	32.49 -0.39 0.00	29.89 -0.36 0.00	29.97 -0.33 0.00	28.84 -0.32 0.00	30.00 -0.33 0.00	35.12 -0.35 0.00	51.52 -0.52 0.00	72.51 -0.66 0.00	51.65 -0.68 0.00	38.44 -0.47 0.00	34.62 -0.42 0.00	31.94 -0.32 0.00	33.92 -0.24 0.00	29.39 -0.30 0.00	34.80 -0.17 0.00	37.90 -0.19 0.00	47.29 0.00 0.00	65.42 -0.07 0.00	76.00 -0.38 0.00	70.89 -0.28 0.00	54.67 -0.27 0.00	45.69 -0.14 0.00	38.89 0.00 0.00	36.01 0.04 0.00

STATE_CA_115KV_115_LB 55624	33.87 0.99 0.00	31.15 0.91 0.00	31.06 0.76 0.00	29.95 0.79 0.00	31.12 0.79 0.00	36.43 0.96 0.00	53.54 1.51 0.00	75.32 2.27 0.12	53.90 1.62 0.05	39.87 0.97 0.01	35.87 0.84 0.00	32.70 0.71 0.28	34.29 0.65 0.52	29.99 0.77 0.46	35.01 0.73 0.70	38.19 0.69 0.59	48.11 0.85 0.04	67.09 1.70 0.09	78.21 2.06 0.23	72.77 1.71 0.11	56.22 1.32 0.04	46.79 0.96 0.00	39.67 0.78 0.00	36.66 0.83 0.15
STATE_ST_34_KV_LOAD 55959	32.94 0.07 0.00	30.31 0.06 0.00	30.36 0.06 0.00	29.19 0.03 0.00	30.33 0.00 0.00	35.62 0.14 0.00	52.35 0.31 0.00	74.28 0.15 -0.97	52.54 0.21 0.00	39.10 0.19 0.00	35.14 0.11 0.00	32.38 0.06 -0.05	34.27 0.10 -0.01	30.05 0.18 -0.19	35.01 0.03 0.00	38.17 0.08 0.00	47.06 -0.24 0.00	65.12 -0.33 0.03	76.35 0.08 0.11	71.25 0.14 0.06	55.11 0.16 0.00	45.96 0.14 0.00	38.85 -0.04 0.00	35.87 -0.11 0.00
STATION_5_MISC_HYD 23604	32.94 0.07 0.00	30.49 0.24 0.00	30.54 0.24 0.00	29.28 0.12 0.00	30.39 0.06 0.00	35.58 0.11 0.00	51.41 -0.62 0.00	71.12 -2.05 0.00	52.02 -0.31 0.00	39.33 0.43 0.00	35.42 0.39 0.00	32.82 0.51 -0.04	34.61 0.44 -0.01	30.38 0.53 -0.16	35.26 0.28 0.00	38.32 0.23 0.00	46.35 -0.95 0.00	63.47 -1.96 0.05	73.68 -1.91 0.79	69.47 -1.42 0.28	53.89 -1.05 0.00	45.50 -0.32 0.00	38.50 -0.39 0.00	35.62 -0.36 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.81 -0.07 0.00	30.31 0.06 0.00	30.36 0.06 0.00	29.13 -0.03 0.00	30.30 -0.03 0.00	35.48 0.00 0.00	51.72 -0.31 0.00	72.44 -1.17 -0.44	51.96 -0.37 0.00	39.14 0.23 0.00	35.18 0.14 0.00	32.54 0.23 -0.04	34.34 0.17 -0.01	30.12 0.27 -0.17	35.05 0.07 0.00	38.17 0.08 0.00	46.54 -0.76 0.00	64.00 -1.44 0.04	74.80 -1.07 0.51	70.20 -0.78 0.19	54.39 -0.55 0.00	45.64 -0.18 0.00	38.62 -0.27 0.00	35.65 -0.32 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.68 -0.20 0.00	30.25 0.00 0.00	30.30 0.00 0.00	29.04 -0.12 0.00	30.18 -0.15 0.00	35.23 -0.25 0.00	51.10 -0.94 0.00	70.76 -2.41 0.00	51.44 -0.89 0.00	39.06 0.16 0.00	35.14 0.11 0.00	32.60 0.29 -0.04	34.34 0.17 -0.01	30.11 0.27 -0.16	35.01 0.03 0.00	38.05 -0.04 0.00	46.11 -1.18 0.00	62.88 -2.55 0.05	73.38 -2.22 0.79	69.04 -1.85 0.28	53.57 -1.37 0.00	45.18 -0.64 0.00	38.27 -0.62 0.00	35.37 -0.61 0.00
STA_56___34_KV_BUS2 355983	32.68 -0.20 0.00	30.25 0.00 0.00	30.30 0.00 0.00	29.04 -0.12 0.00	30.18 -0.15 0.00	35.23 -0.25 0.00	51.10 -0.94 0.00	70.76 -2.41 0.00	51.44 -0.89 0.00	39.06 0.16 0.00	35.14 0.11 0.00	32.60 0.29 -0.04	34.34 0.17 -0.01	30.11 0.27 -0.16	35.01 0.03 0.00	38.05 -0.04 0.00	46.11 -1.18 0.00	62.88 -2.55 0.05	73.38 -2.22 0.79	69.04 -1.85 0.28	53.57 -1.37 0.00	45.18 -0.64 0.00	38.27 -0.62 0.00	35.37 -0.61 0.00
STA_67___115KV_BK2 355882	32.88 0.00 0.00	30.43 0.18 0.00	30.45 0.15 0.00	29.22 0.06 0.00	30.33 0.00 0.00	35.41 -0.07 0.00	51.31 -0.73 0.00	70.98 -2.20 0.00	51.59 -0.73 0.00	39.25 0.35 0.00	35.35 0.32 0.00	32.76 0.45 -0.04	34.51 0.34 -0.01	30.29 0.45 -0.16	35.19 0.21 0.00	38.24 0.15 0.00	46.25 -1.04 0.00	63.01 -2.42 0.05	73.52 -2.06 0.80	69.25 -1.64 0.28	53.73 -1.21 0.00	45.37 -0.46 0.00	38.42 -0.47 0.00	35.51 -0.47 0.00
STA_7___115KV_9TRANS 80674	33.08 0.20 0.00	30.61 0.36 0.00	30.63 0.33 0.00	29.36 0.20 0.00	30.51 0.18 0.00	35.62 0.14 0.00	51.62 -0.42 0.00	71.41 -1.76 0.00	52.01 -0.31 0.00	39.53 0.62 0.00	35.56 0.53 0.00	32.99 0.68 -0.04	34.75 0.58 -0.01	30.50 0.65 -0.16	35.43 0.45 0.00	38.51 0.42 0.00	46.59 -0.71 0.00	63.47 -1.96 0.05	74.06 -1.53 0.79	69.75 -1.14 0.28	54.17 -0.77 0.00	45.73 -0.09 0.00	38.70 -0.19 0.00	35.76 -0.22 0.00
STA_82___115KV_TB1 80780	32.88 0.00 0.00	30.43 0.18 0.00	30.48 0.18 0.00	29.22 0.06 0.00	30.33 0.00 0.00	35.41 -0.07 0.00	51.31 -0.73 0.00	70.98 -2.20 0.00	51.65 -0.68 0.00	39.25 0.35 0.00	35.35 0.32 0.00	32.76 0.45 -0.04	34.51 0.34 -0.01	30.29 0.45 -0.16	35.19 0.21 0.00	38.24 0.15 0.00	46.25 -1.04 0.00	63.01 -2.42 0.05	73.53 -2.06 0.79	69.25 -1.64 0.28	53.73 -1.21 0.00	45.41 -0.41 0.00	38.42 -0.47 0.00	35.51 -0.47 0.00
STEEL___WIND 323596	33.01 0.13 0.00	30.67 0.42 0.00	30.69 0.39 0.00	29.28 0.12 0.00	30.36 0.03 0.00	35.44 -0.04 0.00	50.42 -1.61 0.00	68.27 -4.90 0.00	50.92 -1.41 0.00	39.37 0.47 0.00	35.59 0.56 0.00	32.84 0.51 -0.06	34.55 0.38 -0.01	30.56 0.65 -0.22	35.01 0.04 0.00	37.75 -0.34 0.00	45.07 -2.22 0.00	61.05 -4.39 0.05	70.86 -4.74 0.78	66.76 -4.13 0.28	51.81 -3.13 0.00	44.31 -1.51 0.00	37.80 -1.09 0.00	35.08 -0.90 0.00
STEPHTWN_115KV_BK_2 55603	33.96 1.09 0.00	31.24 1.00 0.00	31.15 0.85 0.00	30.06 0.90 0.00	31.21 0.88 0.00	36.51 1.03 0.00	53.70 1.67 0.00	75.54 2.49 0.12	54.01 1.73 0.05	39.95 1.05 0.01	35.91 0.88 0.00	32.74 0.74 0.27	34.36 0.68 0.49	30.00 0.77 0.46	35.09 0.77 0.66	38.26 0.72 0.55	48.21 0.95 0.04	67.29 1.90 0.09	78.52 2.37 0.23	73.05 1.99 0.11	56.39 1.48 0.04	46.97 1.15 0.00	39.78 0.89 0.00	36.85 1.01 0.14
STEUBEN_REC_LFGE 323667	33.01 0.13 0.00	30.52 0.27 0.00	30.57 0.27 0.00	29.30 0.15 0.00	30.45 0.12 0.00	35.83 0.35 0.00	52.50 0.47 0.00	72.74 -0.51 -0.09	51.53 -0.84 -0.04	38.21 -0.70 0.00	34.30 -0.74 0.00	31.51 -0.84 -0.09	33.33 -0.85 -0.02	29.37 -0.65 -0.33	33.79 -1.19 0.00	36.96 -1.14 -0.01	45.57 -1.75 -0.03	64.39 -1.11 -0.02	75.65 -0.08 0.66	70.96 0.00 0.21	55.08 0.11 -0.03	45.82 0.00 0.00	38.70 -0.19 0.00	35.65 -0.32 0.00
STILLWATER___SOLAR 323814	34.39 1.51 0.00	31.64 1.39 0.00	31.66 1.36 0.00	30.50 1.34 0.00	31.73 1.40 0.00	37.00 1.52 0.00	54.69 2.65 0.00	77.01 3.95 0.11	54.85 2.56 0.05	40.41 1.52 0.01	36.26 1.23 0.00	33.01 1.03 0.29	34.51 0.92 0.57	30.23 0.98 0.44	35.26 1.05 0.77	38.63 1.18 0.65	48.96 1.70 0.03	68.41 3.01 0.09	81.59 3.97 -1.25	74.48 3.42 0.11	57.54 2.64 0.03	47.93 2.11 0.00	40.60 1.71 0.00	37.35 1.55 0.17
STONY___BROOK 24151	21.04 1.15 12.98	18.80 0.85 12.29	18.09 0.82 13.03	19.83 0.79 10.12	18.29 0.82 12.86	27.70 0.96 8.74	38.87 1.45 14.62	31.72 3.22 44.66	29.18 2.93 26.08	18.11 2.29 23.09	10.51 2.49 27.01	11.00 2.58 23.84	11.17 2.46 25.45	11.94 2.29 20.03	12.41 2.31 24.88	16.32 2.25 24.01	36.48 2.60 13.42	44.68 3.66 24.47	49.54 4.35 31.19	52.07 3.28 22.38	46.81 2.20 10.33	40.59 1.28 6.52	39.10 0.90 0.69	28.01 1.01 8.97
STURGEON_POOL_HYD 23609	34.75 1.87 0.00	31.85 1.60 0.00	31.88 1.58 0.00	30.68 1.52 0.00	31.97 1.64 0.00	37.32 1.84 0.00	55.21 3.17 0.00	78.06 4.76 -0.13	56.05 3.66 -0.06	41.36 2.45 -0.01	37.17 2.14 0.00	34.77 1.97 -0.54	37.26 2.22 -0.88	32.73 1.99 -1.06	38.51 2.38 -1.15	41.65 2.59 -0.97	50.27 2.93 -0.04	69.89 4.32 -0.09	81.33 5.04 0.09	75.87 4.70 0.00	58.39 3.41 -0.04	48.39 2.57 0.00	40.80 1.91 0.00	37.90 1.83 -0.09

ST_LAW_115_BK7_LBMP 345037	32.49 -0.39 0.00	29.89 -0.36 0.00	30.00 -0.30 0.00	28.84 -0.32 0.00	30.00 -0.33 0.00	35.12 -0.35 0.00	51.52 -0.52 0.00	72.51 -0.66 0.00	51.65 -0.68 0.00	38.44 -0.47 0.00	34.62 -0.42 0.00	31.91 -0.35 0.00	33.92 -0.24 0.00	29.36 -0.33 0.00	34.80 -0.17 0.00	37.90 -0.19 0.00	47.34 0.05 0.00	65.42 -0.07 0.00	75.93 -0.46 0.00	70.89 -0.28 0.00	54.72 -0.22 0.00	45.69 -0.14 0.00	38.93 0.04 0.00	36.05 0.07 0.00
ST_LAW_115_BK8_LBMP 345038	32.49 -0.39 0.00	29.89 -0.36 0.00	30.00 -0.30 0.00	28.84 -0.32 0.00	30.00 -0.33 0.00	35.12 -0.35 0.00	51.52 -0.52 0.00	72.51 -0.66 0.00	51.65 -0.68 0.00	38.44 -0.47 0.00	34.62 -0.42 0.00	31.91 -0.35 0.00	33.92 -0.24 0.00	29.36 -0.33 0.00	34.80 -0.17 0.00	37.90 -0.19 0.00	47.34 0.05 0.00	65.42 -0.07 0.00	75.93 -0.46 0.00	70.89 -0.28 0.00	54.72 -0.22 0.00	45.69 -0.14 0.00	38.93 0.04 0.00	36.05 0.07 0.00
ST_LAW_230_BK5_LBMP 345035	32.49 -0.39 0.00	29.89 -0.36 0.00	29.97 -0.33 0.00	28.84 -0.32 0.00	30.00 -0.33 0.00	35.12 -0.35 0.00	51.52 -0.52 0.00	72.51 -0.66 0.00	51.65 -0.68 0.00	38.44 -0.47 0.00	34.62 -0.42 0.00	31.94 -0.32 0.00	33.92 -0.24 0.00	29.39 -0.30 0.00	34.80 -0.17 0.00	37.90 -0.19 0.00	47.29 0.00 0.00	65.42 -0.07 0.00	76.00 -0.38 0.00	70.89 -0.28 0.00	54.67 -0.27 0.00	45.69 -0.14 0.00	38.89 0.00 0.00	36.01 0.04 0.00
ST_LAW_230_BK6_LBMP 345036	32.49 -0.39 0.00	29.89 -0.36 0.00	29.97 -0.33 0.00	28.84 -0.32 0.00	30.00 -0.33 0.00	35.12 -0.35 0.00	51.52 -0.52 0.00	72.51 -0.66 0.00	51.65 -0.68 0.00	38.44 -0.47 0.00	34.62 -0.42 0.00	31.94 -0.32 0.00	33.92 -0.24 0.00	29.39 -0.30 0.00	34.80 -0.17 0.00	37.90 -0.19 0.00	47.29 0.00 0.00	65.42 -0.07 0.00	76.00 -0.38 0.00	70.89 -0.28 0.00	54.67 -0.27 0.00	45.69 -0.14 0.00	38.89 0.00 0.00	36.01 0.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.75 1.87 0.00	31.85 1.60 0.00	31.88 1.58 0.00	30.68 1.52 0.00	31.91 1.58 0.00	37.36 1.88 0.00	55.06 3.02 0.00	79.44 4.90 -1.37	56.72 3.82 -0.57	41.54 2.57 -0.06	37.39 2.35 -0.01	36.15 2.19 -1.69	37.80 2.25 -1.38	37.13 2.20 -5.25	38.84 2.31 -1.55	41.96 2.48 -1.39	50.69 2.98 -0.41	70.92 4.45 -0.99	82.32 5.19 -0.75	76.41 4.63 -0.61	58.77 3.41 -0.42	48.25 2.43 0.00	40.87 1.98 0.00	38.02 1.87 -0.17
SWANROAD_115KV_TB1 355699	32.32 -0.56 0.00	30.07 -0.18 0.00	30.06 -0.24 0.00	29.01 -0.15 0.00	29.76 -0.58 0.00	34.52 -0.96 0.00	49.07 -2.97 0.00	67.61 -5.56 0.00	50.08 -2.25 0.00	39.25 0.35 0.00	35.42 0.39 0.00	32.74 0.42 -0.05	34.38 0.20 -0.01	30.39 0.50 -0.20	34.91 -0.07 0.00	37.67 -0.42 0.00	43.94 -3.36 0.00	58.62 -6.81 0.05	68.64 -6.95 0.79	64.77 -6.12 0.28	50.27 -4.67 0.00	43.21 -2.61 0.00	36.87 -2.02 0.00	34.21 -1.76 0.00
SYNERGY___BIOGAS 323694	33.31 0.43 0.00	30.94 0.70 0.00	31.00 0.70 0.00	29.77 0.61 0.00	30.73 0.39 0.00	35.76 0.28 0.00	51.31 -0.73 0.00	70.17 -3.00 0.00	51.59 -0.73 0.00	39.91 1.01 0.00	35.91 0.88 0.00	33.31 1.00 -0.05	34.96 0.79 -0.01	30.82 0.95 -0.19	35.57 0.59 0.00	38.51 0.42 0.00	45.83 -1.47 0.00	61.83 -3.60 0.05	72.61 -2.98 0.79	68.61 -2.28 0.28	53.18 -1.76 0.00	45.41 -0.41 0.00	38.54 -0.35 0.00	35.65 -0.32 0.00
SYRACUSE___ENERGY_ST1 323597	32.71 -0.16 0.00	30.10 -0.15 0.00	30.15 -0.15 0.00	28.98 -0.17 0.00	30.15 -0.18 0.00	35.33 -0.14 0.00	51.93 -0.10 0.00	73.97 -0.44 -1.24	52.17 -0.16 0.00	38.83 -0.08 0.00	34.93 -0.11 0.00	32.18 -0.13 -0.04	34.10 -0.07 -0.01	29.81 -0.03 -0.15	34.84 -0.14 0.00	37.98 -0.11 0.00	46.87 -0.43 0.00	64.74 -0.72 0.03	75.86 -0.61 -0.10	70.68 -0.50 -0.01	54.61 -0.33 0.00	45.55 -0.27 0.00	38.58 -0.31 0.00	35.62 -0.36 0.00
SYRACUSE___ENERGY_ST2 323598	32.71 -0.16 0.00	30.10 -0.15 0.00	30.15 -0.15 0.00	28.98 -0.17 0.00	30.15 -0.18 0.00	35.33 -0.14 0.00	51.93 -0.10 0.00	73.97 -0.44 -1.24	52.17 -0.16 0.00	38.83 -0.08 0.00	34.93 -0.11 0.00	32.18 -0.13 -0.04	34.10 -0.07 -0.01	29.81 -0.03 -0.15	34.84 -0.14 0.00	37.98 -0.11 0.00	46.87 -0.43 0.00	64.74 -0.72 0.03	75.86 -0.61 -0.10	70.68 -0.50 -0.01	54.61 -0.33 0.00	45.55 -0.27 0.00	38.58 -0.31 0.00	35.62 -0.36 0.00
SYRACUSE___POWER 24017	32.68 -0.20 0.00	30.07 -0.18 0.00	30.12 -0.18 0.00	28.95 -0.20 0.00	30.09 -0.24 0.00	35.26 -0.21 0.00	51.88 -0.16 0.00	73.06 -0.51 -0.40	52.12 -0.21 0.00	38.83 -0.08 0.00	34.93 -0.11 0.00	32.15 -0.16 -0.04	34.03 -0.14 -0.01	29.82 -0.03 -0.16	34.80 -0.17 0.00	37.94 -0.15 0.00	46.82 -0.47 0.00	64.65 -0.79 0.05	75.10 -0.69 0.59	70.38 -0.57 0.22	54.56 -0.38 0.00	45.50 -0.32 0.00	38.54 -0.35 0.00	35.58 -0.40 0.00
TALLMAN_138KV_BK151 55660	34.82 1.94 0.00	31.91 1.66 0.00	31.94 1.64 0.00	30.73 1.57 0.00	32.00 1.67 0.00	37.43 1.95 0.00	55.16 3.12 0.00	79.83 5.12 -1.53	57.00 4.03 -0.64	41.74 2.76 -0.07	37.64 2.59 -0.01	36.55 2.42 -1.86	38.09 2.46 -1.47	37.96 2.40 -5.87	39.14 2.52 -1.64	42.23 2.67 -1.47	50.93 3.17 -0.46	71.30 4.71 -1.11	82.67 5.42 -0.87	76.71 4.84 -0.70	58.99 3.57 -0.47	48.34 2.52 0.00	40.95 2.06 0.00	38.14 1.98 -0.18
TEALLAVE_115KV_TB7 355573	32.58 -0.30 0.00	29.97 -0.27 0.00	30.03 -0.27 0.00	28.87 -0.29 0.00	30.03 -0.30 0.00	35.16 -0.32 0.00	51.67 -0.36 0.00	72.75 -0.80 -0.38	51.91 -0.42 0.00	38.71 -0.19 0.00	34.82 -0.21 0.00	32.07 -0.23 -0.03	33.96 -0.20 -0.01	29.70 -0.12 -0.13	34.70 -0.28 0.00	37.83 -0.27 0.00	46.63 -0.66 0.00	64.39 -1.05 0.05	74.79 -0.99 0.59	70.03 -0.93 0.22	54.28 -0.66 0.00	45.32 -0.50 0.00	38.38 -0.51 0.00	35.44 -0.54 0.00
TELGRAPH_34_KV_EAST 80808	32.91 0.03 0.00	30.61 0.36 0.00	30.63 0.33 0.00	29.42 0.26 0.00	30.33 0.00 0.00	35.23 -0.25 0.00	50.37 -1.67 0.00	68.49 -4.68 0.00	50.60 -1.73 0.00	39.41 0.51 0.00	35.56 0.53 0.00	32.93 0.61 -0.05	34.58 0.41 -0.01	30.50 0.62 -0.19	35.12 0.14 0.00	37.98 -0.11 0.00	45.07 -2.22 0.00	60.46 -4.98 0.05	70.93 -4.66 0.79	66.91 -3.99 0.28	51.92 -3.02 0.00	44.45 -1.37 0.00	37.84 -1.05 0.00	35.04 -0.94 0.00
TEMPLE___115KV_TB 2 55572	32.58 -0.30 0.00	29.97 -0.27 0.00	30.03 -0.27 0.00	28.87 -0.29 0.00	30.03 -0.30 0.00	35.19 -0.28 0.00	51.67 -0.36 0.00	72.67 -0.80 -0.31	51.96 -0.37 0.00	38.71 -0.19 0.00	34.86 -0.18 0.00	32.11 -0.19 -0.04	34.00 -0.17 -0.01	29.73 -0.09 -0.14	34.73 -0.24 0.00	37.86 -0.23 0.00	46.68 -0.61 0.00	64.39 -1.05 0.05	74.72 -0.99 0.66	70.08 -0.85 0.24	54.34 -0.60 0.00	45.32 -0.50 0.00	38.38 -0.51 0.00	35.47 -0.50 0.00
TIANA___69_KV_BK 1 55817	22.09 0.72 11.51	19.83 0.48 10.90	19.21 0.45 11.55	20.63 0.44 8.97	19.39 0.45 11.40	28.34 0.60 7.74	38.47 0.73 14.30	31.86 2.34 43.66	30.02 2.51 24.82	19.99 1.75 20.66	13.12 2.07 23.98	13.58 2.23 20.92	13.67 2.02 22.51	14.42 1.90 17.17	14.83 1.92 22.07	18.30 1.79 21.58	36.21 2.03 13.11	43.97 3.14 24.65	49.53 3.74 30.59	52.00 2.70 21.88	46.23 1.70 10.41	40.03 0.78 6.57	38.52 0.31 0.68	28.62 0.58 7.93

TILDEN___115KV_TB1 80814	32.68 -0.20 0.00	30.07 -0.18 0.00	30.12 -0.18 0.00	28.95 -0.20 0.00	30.09 -0.24 0.00	35.26 -0.21 0.00	51.88 -0.16 0.00	73.06 -0.51 -0.40	52.12 -0.21 0.00	38.83 -0.08 0.00	34.93 -0.11 0.00	32.15 -0.16 -0.04	34.03 -0.14 -0.01	29.82 -0.03 -0.16	34.80 -0.17 0.00	37.94 -0.15 0.00	46.82 -0.47 0.00	64.65 -0.79 0.05	75.10 -0.69 0.59	70.38 -0.57 0.22	54.56 -0.38 0.00	45.50 -0.32 0.00	38.54 -0.35 0.00	35.58 -0.40 0.00
TRIGEN___CC 323695	34.46 1.58 0.00	31.52 1.27 0.00	31.51 1.21 0.00	30.35 1.20 0.00	31.58 1.24 0.00	36.97 1.49 0.00	51.91 2.24 2.36	70.96 4.32 6.53	53.47 3.87 2.73	41.41 2.80 0.30	37.97 2.98 0.04	37.33 3.00 -2.06	38.49 2.87 -1.46	38.52 2.67 -6.17	39.25 2.76 -1.51	41.67 2.78 -0.80	48.55 3.22 1.96	65.43 4.71 4.77	77.15 5.50 4.73	72.33 4.48 3.32	56.06 3.13 2.01	46.44 2.02 1.40	40.31 1.56 0.13	37.69 1.51 -0.20
TRINITY___115KV___4 BK 55933	33.70 0.82 0.00	31.00 0.76 0.00	30.88 0.58 0.00	29.80 0.64 0.00	30.97 0.64 0.00	36.22 0.75 0.00	53.23 1.20 0.00	74.88 1.83 0.12	53.59 1.31 0.05	39.68 0.78 0.01	35.73 0.70 0.00	32.58 0.58 0.27	34.22 0.55 0.49	29.88 0.65 0.46	34.92 0.59 0.66	38.07 0.53 0.55	47.87 0.61 0.04	66.70 1.31 0.09	77.75 1.60 0.23	72.34 1.28 0.11	55.89 0.99 0.04	46.51 0.69 0.00	39.43 0.54 0.00	36.45 0.61 0.14
UNION___PROCESSING_DRP 323587	32.91 0.03 0.00	30.43 0.18 0.00	30.48 0.18 0.00	29.22 0.06 0.00	30.36 0.03 0.00	35.44 -0.04 0.00	51.36 -0.68 0.00	70.98 -2.20 0.00	51.65 -0.68 0.00	39.29 0.39 0.00	35.35 0.32 0.00	32.76 0.45 -0.04	34.51 0.34 -0.01	30.29 0.45 -0.16	35.19 0.21 0.00	38.24 0.15 0.00	46.25 -1.04 0.00	63.08 -2.36 0.05	73.53 -2.06 0.79	69.33 -1.57 0.28	53.79 -1.15 0.00	45.41 -0.41 0.00	38.42 -0.47 0.00	35.55 -0.43 0.00
UPPER HUDSON___HYD 24058	34.13 1.25 0.00	31.43 1.18 0.00	31.45 1.15 0.00	30.33 1.17 0.00	31.55 1.21 0.00	36.72 1.24 0.00	54.38 2.34 0.00	76.65 3.58 0.11	54.38 2.10 0.04	39.95 1.05 0.00	35.77 0.74 0.00	32.58 0.58 0.27	34.08 0.44 0.52	29.82 0.56 0.42	34.83 0.56 0.70	38.19 0.69 0.59	48.45 1.18 0.03	67.82 2.42 0.09	80.99 3.52 -1.09	74.06 2.99 0.10	57.16 2.25 0.03	47.56 1.74 0.00	40.29 1.40 0.00	37.08 1.26 0.16
UPPER RAQUET___HYD 24056	32.88 0.00 0.00	30.22 -0.03 0.00	30.39 0.09 0.00	29.19 0.03 0.00	30.42 0.09 0.00	35.62 0.14 0.00	52.35 0.31 0.00	73.97 0.52 -0.29	52.38 0.05 0.00	38.79 -0.12 0.00	35.03 0.00 0.00	32.20 -0.06 0.00	34.30 0.14 0.00	29.72 0.03 0.00	35.26 0.28 0.00	38.43 0.34 0.00	47.77 0.47 0.00	65.81 0.33 0.00	76.50 0.00 -0.12	71.57 0.36 -0.04	55.49 0.55 0.00	46.55 0.73 0.00	39.63 0.74 0.00	36.73 0.76 0.00
VALLEY44_115KV_TB2 355964	32.71 -0.16 0.00	30.37 0.12 0.00	30.39 0.09 0.00	29.07 -0.09 0.00	30.15 -0.18 0.00	35.12 -0.35 0.00	50.84 -1.20 0.00	69.37 -3.80 0.00	50.71 -1.62 0.00	39.06 0.16 0.00	35.28 0.25 0.00	32.49 0.16 -0.06	34.18 0.00 -0.01	30.26 0.33 -0.25	34.66 -0.31 0.00	37.44 -0.65 0.00	45.12 -2.18 0.00	61.51 -3.93 0.05	71.64 -3.97 0.77	67.34 -3.56 0.27	52.25 -2.69 0.00	44.22 -1.60 0.00	37.68 -1.21 0.00	35.01 -0.97 0.00
VALLEY___115KV_TB 1-4 80826	33.31 0.43 0.00	30.67 0.42 0.00	30.75 0.45 0.00	29.63 0.47 0.00	30.88 0.55 0.00	36.22 0.75 0.00	53.28 1.25 0.00	75.29 2.12 0.00	52.90 0.58 0.00	39.29 0.39 0.00	35.39 0.35 0.00	32.56 0.29 0.00	34.40 0.24 0.00	29.92 0.24 0.00	35.19 0.21 0.00	38.36 0.27 0.00	48.52 1.23 0.00	67.18 1.70 0.01	78.40 2.14 0.12	73.05 1.92 0.04	56.42 1.48 0.00	47.06 1.24 0.00	39.90 1.01 0.00	36.95 0.97 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.23 1.35 0.00	31.46 1.21 0.00	31.57 1.27 0.00	30.33 1.17 0.00	31.61 1.27 0.00	36.97 1.49 0.00	54.48 2.45 0.00	77.06 3.73 -0.16	55.01 2.62 -0.07	40.54 1.63 -0.01	36.44 1.40 0.00	33.70 1.23 -0.20	35.55 1.20 -0.19	31.47 1.19 -0.60	36.49 1.29 -0.22	39.77 1.49 -0.19	49.14 1.80 -0.05	68.32 2.75 -0.09	79.51 3.44 0.30	74.16 3.06 0.07	57.41 2.42 -0.05	47.66 1.83 0.00	40.33 1.44 0.00	37.34 1.37 0.00
VISCHER___FERRY HYD 24020	34.29 1.41 0.00	31.55 1.30 0.00	31.48 1.18 0.00	30.33 1.17 0.00	31.55 1.21 0.00	36.82 1.35 0.00	54.32 2.29 0.00	76.49 3.44 0.12	54.64 2.36 0.05	40.46 1.56 0.01	36.44 1.40 0.00	33.12 1.19 0.34	34.63 1.16 0.69	30.37 1.16 0.47	35.26 1.22 0.94	38.60 1.30 0.79	48.91 1.65 0.03	68.21 2.81 0.09	81.67 3.52 -1.78	74.12 3.06 0.11	57.21 2.31 0.04	47.66 1.83 0.00	40.33 1.44 0.00	37.06 1.29 0.21
V_A_10_SYNC_DSASP 323832	32.71 -0.16 0.00	30.40 0.15 0.00	30.42 0.12 0.00	29.07 -0.09 0.00	30.15 -0.18 0.00	35.02 -0.46 0.00	50.01 -2.03 0.00	67.90 -5.27 0.00	50.08 -2.25 0.00	38.94 0.04 0.00	35.18 0.14 0.00	32.57 0.26 -0.05	34.28 0.10 -0.01	30.14 0.27 -0.19	34.77 -0.21 0.00	37.60 -0.50 0.00	44.88 -2.41 0.00	60.33 -5.11 0.05	70.47 -5.12 0.80	66.41 -4.48 0.28	51.59 -3.35 0.00	44.08 -1.74 0.00	37.53 -1.36 0.00	34.79 -1.19 0.00
V_CMM_10_SYNC_DSASP 323787	32.65 -0.23 0.00	30.00 -0.24 0.00	30.15 -0.15 0.00	28.98 -0.17 0.00	30.15 -0.18 0.00	35.26 -0.21 0.00	51.78 -0.26 0.00	72.80 -0.37 0.00	51.91 -0.42 0.00	38.59 -0.31 0.00	34.75 -0.28 0.00	32.07 -0.19 0.00	34.09 -0.07 0.00	29.51 -0.18 0.00	34.98 0.00 0.00	38.09 0.00 0.00	47.53 0.24 0.00	65.75 0.26 0.00	76.23 -0.15 0.00	71.17 0.00 0.00	54.94 0.00 0.00	45.87 0.05 0.00	39.08 0.19 0.00	36.19 0.22 0.00
V_CMP_10_SYNC_DSASP 323788	31.17 -1.71 0.00	28.61 -1.63 0.00	28.79 -1.51 0.00	27.64 -1.52 0.00	28.79 -1.55 0.00	33.81 -1.67 0.00	49.44 -2.60 0.00	69.88 -3.29 0.00	50.13 -2.20 0.00	37.85 -1.05 0.00	34.23 -0.80 0.00	31.72 -0.55 0.00	34.09 -0.07 0.00	29.77 0.09 0.00	35.43 0.45 0.00	38.63 0.53 0.00	47.20 -0.09 0.00	64.63 -0.85 0.00	74.55 -1.83 0.00	69.60 -1.57 0.00	53.51 -1.43 0.00	45.09 -0.73 0.00	39.32 0.43 0.00	36.41 0.43 0.00
V_D_10_SYNC_DSASP 323841	32.81 -0.07 0.00	30.16 -0.09 0.00	30.30 0.00 0.00	29.10 -0.06 0.00	30.30 -0.03 0.00	35.44 -0.04 0.00	52.09 0.05 0.00	73.17 0.00 0.00	52.17 -0.16 0.00	38.79 -0.12 0.00	34.93 -0.10 0.00	32.17 -0.10 0.00	34.23 0.07 0.00	29.66 -0.03 0.00	35.15 0.18 0.00	38.28 0.19 0.00	47.77 0.47 0.00	66.01 0.52 0.00	76.53 0.15 0.00	71.53 0.36 0.00	55.22 0.28 0.00	46.15 0.32 0.00	39.28 0.39 0.00	36.41 0.43 0.00
V_E_10_SYNC_DSASP 323830	34.36 1.48 0.00	31.67 1.42 0.00	31.81 1.51 0.00	30.56 1.40 0.00	31.97 1.64 0.00	37.64 2.16 0.00	55.83 3.80 0.00	78.62 5.34 -0.11	55.73 3.35 -0.05	40.58 1.67 -0.01	36.12 1.09 0.00	33.22 0.81 -0.15	35.03 0.72 -0.15	30.87 0.74 -0.44	36.13 0.98 -0.17	39.73 1.48 -0.15	49.17 1.84 -0.03	68.67 3.14 -0.04	80.34 4.51 0.55	75.42 4.41 0.17	58.33 3.35 -0.03	48.34 2.52 0.00	40.76 1.87 0.00	37.78 1.80 0.00



V_F_30_NSYNC___DSASP 323816	34.39 1.51 0.00	31.67 1.42 0.00	31.66 1.36 0.00	30.53 1.37 0.00	31.73 1.40 0.00	37.04 1.56 0.00	54.74 2.70 0.00	77.01 3.95 0.11	54.85 2.56 0.04	40.46 1.56 0.01	36.29 1.26 0.00	33.05 1.06 0.28	34.57 0.96 0.55	30.26 1.01 0.43	35.32 1.09 0.74	38.69 1.22 0.62	49.01 1.75 0.03	68.48 3.08 0.09	81.53 3.97 -1.18	74.55 3.49 0.10	57.60 2.69 0.03	47.93 2.11 0.00	40.60 1.71 0.00	37.39 1.58 0.17
V_F_30_SYNC_DSASP 323786	33.87 0.99 0.00	31.15 0.91 0.00	31.03 0.73 0.00	29.95 0.79 0.00	31.12 0.79 0.00	36.43 0.96 0.00	53.54 1.51 0.00	75.32 2.27 0.12	53.90 1.62 0.05	39.87 0.97 0.01	35.87 0.84 0.00	32.70 0.71 0.28	34.29 0.65 0.52	29.99 0.77 0.46	35.02 0.73 0.70	38.19 0.69 0.59	48.11 0.85 0.04	67.03 1.64 0.09	78.21 2.06 0.23	72.77 1.71 0.11	56.22 1.32 0.04	46.79 0.96 0.00	39.63 0.74 0.00	36.66 0.83 0.15
V_XM_10_SYNC_DSASP 323789	31.17 -1.71 0.00	28.61 -1.63 0.00	28.79 -1.51 0.00	27.64 -1.52 0.00	28.79 -1.55 0.00	33.81 -1.67 0.00	49.44 -2.60 0.00	69.88 -3.29 0.00	50.13 -2.20 0.00	37.85 -1.05 0.00	34.23 -0.80 0.00	31.72 -0.55 0.00	34.09 -0.07 0.00	29.77 0.09 0.00	35.43 0.45 0.00	38.63 0.53 0.00	47.20 -0.09 0.00	64.63 -0.85 0.00	74.55 -1.83 0.00	69.60 -1.57 0.00	53.51 -1.43 0.00	45.09 -0.73 0.00	39.32 0.43 0.00	36.41 0.43 0.00
W.BABYLN_69_KV_BK1 56697	33.72 1.78 0.94	30.78 1.42 0.88	30.76 1.39 0.94	29.80 1.37 0.73	30.83 1.43 0.93	36.55 1.70 0.63	44.94 2.45 9.54	48.68 4.61 29.10	43.88 4.24 12.69	39.06 3.00 2.83	36.09 3.15 2.10	35.65 3.19 -0.19	36.10 3.04 1.10	36.21 2.82 -3.70	36.50 2.97 1.45	37.86 3.01 3.24	41.95 3.41 8.75	49.55 4.71 20.65	61.53 5.58 20.43	61.27 4.70 14.59	49.30 3.08 8.72	42.34 2.02 5.50	39.97 1.56 0.48	37.25 1.73 0.46
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.95 2.07 0.00	32.03 1.78 0.00	32.03 1.73 0.00	30.82 1.66 0.00	32.09 1.76 0.00	37.68 2.20 0.00	55.58 3.54 0.00	80.43 5.71 -1.55	57.42 4.45 -0.65	42.01 3.03 -0.07	37.81 2.77 -0.01	36.72 2.55 -1.90	38.31 2.66 -1.49	38.27 2.58 -6.00	39.39 2.76 -1.65	42.51 2.93 -1.48	51.12 3.36 -0.47	71.58 4.98 -1.12	83.07 5.80 -0.88	77.07 5.20 -0.71	59.27 3.85 -0.48	48.53 2.70 0.00	41.11 2.22 0.00	38.29 2.12 -0.19
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.11 2.24 0.00	32.15 1.91 0.00	32.18 1.88 0.00	30.94 1.78 0.00	32.21 1.88 0.00	37.71 2.24 0.00	55.42 3.38 -0.01	81.66 5.63 -2.86	58.02 4.50 -1.20	42.19 3.15 -0.13	38.07 3.01 -0.02	37.19 2.84 -2.08	38.78 2.87 -1.75	38.85 2.70 -6.46	39.88 2.90 -2.00	43.00 3.05 -1.86	51.75 3.59 -0.86	72.86 5.30 -2.07	84.37 6.19 -1.80	77.94 5.41 -1.36	59.84 4.01 -0.88	48.66 2.84 0.00	41.26 2.37 0.00	38.41 2.23 -0.20
W50THST__13_KV_LOAD 356117	35.25 2.37 0.00	32.27 2.03 0.00	32.30 2.00 0.00	31.05 1.90 0.00	32.33 2.00 0.00	37.85 2.38 0.00	55.68 3.64 -0.01	82.10 6.07 -2.86	58.34 4.81 -1.20	42.46 3.42 -0.13	38.28 3.22 -0.02	37.38 3.03 -2.08	39.02 3.11 -1.75	39.05 2.91 -6.46	40.09 3.11 -2.00	43.23 3.28 -1.86	52.04 3.88 -0.86	73.26 5.70 -2.07	84.83 6.65 -1.80	78.30 5.76 -1.36	60.11 4.29 -0.88	48.89 3.07 0.00	41.42 2.53 0.00	38.55 2.37 -0.20
WADING RIVER_IC_1 23522	21.82 0.49 11.55	19.58 0.27 10.94	18.92 0.21 11.59	20.39 0.23 9.00	19.13 0.24 11.44	27.95 0.25 7.77	38.09 0.37 14.31	31.21 1.75 43.71	29.30 1.83 24.86	19.62 1.44 20.73	12.76 1.79 24.06	13.25 1.97 20.99	13.39 1.81 22.59	14.17 1.72 17.24	14.55 1.71 22.14	17.97 1.53 21.65	35.82 1.65 13.13	43.30 2.49 24.68	48.91 3.06 30.53	51.33 2.07 21.91	45.79 1.26 10.42	39.62 0.36 6.57	38.29 0.08 0.68	28.30 0.29 7.96
WADING RIVER_IC_2 23547	21.82 0.49 11.55	19.58 0.27 10.94	18.92 0.21 11.59	20.39 0.23 9.00	19.13 0.24 11.44	27.95 0.25 7.77	38.09 0.37 14.31	31.21 1.75 43.71	29.30 1.83 24.86	19.62 1.44 20.73	12.76 1.79 24.06	13.25 1.97 20.99	13.39 1.81 22.59	14.17 1.72 17.24	14.55 1.71 22.14	17.97 1.53 21.65	35.82 1.65 13.13	43.30 2.49 24.68	48.91 3.06 30.53	51.33 2.07 21.91	45.79 1.26 10.42	39.62 0.36 6.57	38.29 0.08 0.68	28.30 0.29 7.96
WADING RIVER_IC_3 23601	21.82 0.49 11.55	19.58 0.27 10.94	18.92 0.21 11.59	20.39 0.23 9.00	19.13 0.24 11.44	27.95 0.25 7.77	38.09 0.37 14.31	31.21 1.75 43.71	29.30 1.83 24.86	19.62 1.44 20.73	12.76 1.79 24.06	13.25 1.97 20.99	13.39 1.81 22.59	14.17 1.72 17.24	14.55 1.71 22.14	17.97 1.53 21.65	35.82 1.65 13.13	43.30 2.49 24.68	48.91 3.06 30.53	51.33 2.07 21.91	45.79 1.26 10.42	39.62 0.36 6.57	38.29 0.08 0.68	28.30 0.29 7.96
WALDENNY_12_KV_BK2 80841	33.01 0.13 0.00	30.67 0.42 0.00	30.66 0.36 0.00	29.36 0.20 0.00	30.36 0.03 0.00	35.26 -0.21 0.00	50.47 -1.56 0.00	68.27 -4.90 0.00	50.44 -1.88 0.00	39.45 0.54 0.00	35.63 0.60 0.00	32.90 0.58 -0.06	34.58 0.41 -0.01	30.59 0.68 -0.22	35.08 0.10 0.00	37.86 -0.23 0.00	45.17 -2.13 0.00	60.59 -4.85 0.05	70.94 -4.66 0.78	66.84 -4.06 0.28	51.86 -3.08 0.00	44.36 -1.47 0.00	37.84 -1.05 0.00	35.08 -0.90 0.00
WALDEN__HYDRO 24148	34.95 2.07 0.00	32.03 1.78 0.00	32.06 1.76 0.00	30.85 1.69 0.00	32.12 1.79 0.00	37.57 2.09 0.00	55.58 3.54 0.00	79.26 5.49 -0.60	56.77 4.19 -0.25	41.69 2.76 -0.03	37.49 2.45 0.00	35.58 2.23 -1.09	37.79 2.36 -1.27	34.86 2.32 -2.86	39.04 2.48 -1.58	42.15 2.70 -1.35	50.79 3.31 -0.18	70.82 4.91 -0.43	82.41 5.80 -0.22	76.67 5.27 -0.23	59.03 3.90 -0.19	48.62 2.80 0.00	40.99 2.10 0.00	38.10 1.98 -0.14
WARRENSBURG____ 23737	34.13 1.25 0.00	31.43 1.18 0.00	31.45 1.15 0.00	30.33 1.17 0.00	31.55 1.21 0.00	36.75 1.28 0.00	54.38 2.34 0.00	76.65 3.59 0.11	54.38 2.09 0.04	39.95 1.05 0.00	35.80 0.77 0.00	32.58 0.58 0.27	34.09 0.44 0.52	29.83 0.56 0.42	34.83 0.56 0.70	38.19 0.69 0.59	48.45 1.18 0.03	67.89 2.49 0.09	79.67 3.51 0.22	74.06 2.99 0.11	57.16 2.25 0.03	47.56 1.74 0.00	40.29 1.40 0.00	37.08 1.26 0.16
WATERSIDE____6 8 9 23538	35.25 2.37 -0.01	32.28 2.03 -0.01	32.28 1.97 -0.01	31.06 1.90 -0.01	32.31 1.97 -0.01	37.82 2.34 0.00	55.43 3.38 -0.01	81.50 5.05 -3.28	57.84 4.13 -1.37	42.09 3.03 -0.15	38.11 3.05 -0.02	37.22 2.87 -2.08	38.80 2.87 -1.77	38.89 2.73 -6.47	39.81 2.80 -2.03	42.94 2.93 -1.92	51.60 3.31 -0.99	72.79 4.91 -2.40	84.14 5.65 -2.11	77.67 4.91 -1.59	59.59 3.63 -1.02	48.76 2.93 0.00	41.39 2.49 -0.01	38.52 2.34 -0.20
WATKINRD_115KV_LN8_ILLION 55919	33.24 0.36 0.00	30.61 0.36 0.00	30.69 0.39 0.00	29.54 0.38 0.00	30.79 0.45 0.00	36.04 0.57 0.00	52.97 0.94 0.00	74.78 1.61 0.00	54.16 1.83 0.00	40.15 1.24 0.00	36.19 1.16 0.00	33.30 1.03 0.00	35.19 1.02 0.00	30.64 0.95 0.00	36.06 1.08 0.00	39.31 1.22 0.00	48.19 0.90 0.00	66.79 1.31 0.01	77.86 1.60 0.12	72.62 1.49 0.04	56.04 1.10 0.00	46.74 0.92 0.00	39.63 0.74 0.00	36.70 0.72 0.00

WDELAWARE___HYD 323627	35.02 2.14 0.00	32.09 1.85 0.00	32.12 1.82 0.00	30.91 1.75 0.00	32.21 1.88 0.00	37.64 2.16 0.00	55.83 3.80 0.00	79.37 5.71 -0.49	56.66 4.13 -0.20	41.65 2.72 -0.02	37.35 2.31 0.00	35.22 2.10 -0.86	37.39 2.22 -1.01	34.14 2.20 -2.26	38.64 2.41 -1.25	41.83 2.67 -1.07	50.95 3.50 -0.16	70.89 5.04 -0.37	82.56 6.03 -0.15	77.12 5.76 -0.19	59.33 4.23 -0.16	48.89 3.07 0.00	41.22 2.33 0.00	38.30 2.19 -0.13
WEST BABYLON___IC 23714	33.72 1.78 0.94	30.78 1.42 0.88	30.76 1.39 0.94	29.80 1.37 0.73	30.83 1.43 0.93	36.55 1.70 0.63	44.94 2.45 9.54	48.68 4.61 29.10	43.88 4.24 12.69	39.06 3.00 2.83	36.09 3.15 2.10	35.65 3.19 -0.19	36.10 3.04 1.10	36.21 2.82 -3.70	36.50 2.97 1.45	37.86 3.01 3.24	41.95 3.41 8.75	49.55 4.71 20.65	61.53 5.58 20.43	61.27 4.70 14.59	49.30 3.08 8.72	42.34 2.02 5.50	39.97 1.56 0.48	37.25 1.73 0.46
WEST CANADA___HYD 24049	33.04 0.17 0.00	30.40 0.15 0.00	30.45 0.15 0.00	29.31 0.15 0.00	30.49 0.15 0.00	35.65 0.18 0.00	52.30 0.26 0.00	73.83 0.66 0.00	52.80 0.47 0.00	39.18 0.27 0.00	35.28 0.25 0.00	32.46 0.19 0.00	34.33 0.17 0.00	29.86 0.18 0.00	35.15 0.18 0.00	38.28 0.19 0.00	47.53 0.24 0.00	65.87 0.40 0.01	76.80 0.54 0.12	71.63 0.50 0.04	55.33 0.39 0.00	46.10 0.28 0.00	39.09 0.20 0.00	36.16 0.18 0.00
WESTERN_NY_WIND 24143	33.31 0.43 0.00	30.94 0.70 0.00	30.97 0.67 0.00	29.74 0.58 0.00	30.70 0.36 0.00	35.73 0.25 0.00	51.20 -0.83 0.00	69.95 -3.22 0.00	51.54 -0.78 0.00	39.88 0.97 0.00	35.91 0.88 0.00	33.28 0.97 -0.05	34.92 0.75 -0.01	30.80 0.92 -0.19	35.54 0.56 0.00	38.47 0.38 0.00	45.78 -1.51 0.00	61.64 -3.80 0.05	72.38 -3.21 0.79	68.40 -2.49 0.28	53.07 -1.87 0.00	45.32 -0.50 0.00	38.46 -0.43 0.00	35.62 -0.36 0.00
WESTOVER___LESR 323668	33.27 0.39 0.00	30.67 0.42 0.00	30.72 0.42 0.00	29.51 0.35 0.00	30.67 0.33 0.00	35.90 0.43 0.00	52.61 0.57 0.00	73.51 0.22 -0.12	52.80 0.42 -0.05	39.45 0.54 -0.01	35.53 0.49 0.00	32.81 0.39 -0.16	34.73 0.41 -0.16	30.64 0.50 -0.45	35.48 0.31 -0.19	38.56 0.30 -0.16	47.28 -0.05 -0.04	65.40 -0.13 -0.04	75.85 0.08 0.61	71.06 0.07 0.19	55.09 0.11 -0.04	45.96 0.14 0.00	39.01 0.12 0.00	36.09 0.11 0.00
WETHRSFD_WT_PWR 323626	32.88 0.00 0.00	30.40 0.15 0.00	30.45 0.15 0.00	29.19 0.03 0.00	30.30 -0.03 0.00	35.55 0.07 0.00	51.98 -0.05 0.00	72.01 -1.24 -0.09	50.85 -1.52 -0.04	1.00 -1.44 36.46	-0.53 -1.30 34.27	4.01 -1.42 26.84	4.01 -1.61 28.55	28.81 -1.22 -0.34	4.01 -1.85 29.11	36.24 -1.87 -0.01	44.86 -2.46 -0.03	63.80 -1.70 -0.02	74.81 -0.91 0.66	70.18 -0.78 0.21	54.47 -0.50 -0.03	45.37 -0.46 0.00	38.38 -0.51 0.00	35.40 -0.58 0.00
WHAVSTOR_138KV_BK127 55557	34.79 1.91 0.00	31.88 1.63 0.00	31.91 1.61 0.00	30.70 1.55 0.00	31.94 1.61 0.00	37.39 1.92 0.00	55.06 3.02 0.00	79.64 4.90 -1.57	56.91 3.92 -0.66	41.66 2.68 -0.07	37.57 2.52 -0.01	36.55 2.36 -1.93	38.05 2.39 -1.50	38.10 2.32 -6.10	39.09 2.45 -1.66	42.17 2.59 -1.49	50.84 3.07 -0.47	71.20 4.58 -1.13	82.62 5.35 -0.89	76.58 4.70 -0.71	58.89 3.46 -0.48	48.25 2.43 0.00	40.91 2.02 0.00	38.07 1.91 -0.19
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.79 1.91 0.00	31.88 1.63 0.00	31.91 1.61 0.00	30.70 1.55 0.00	31.94 1.61 0.00	37.39 1.92 0.00	55.06 3.02 0.00	79.64 4.90 -1.57	56.91 3.92 -0.66	41.66 2.68 -0.07	37.57 2.52 -0.01	36.55 2.36 -1.93	38.05 2.39 -1.50	38.10 2.32 -6.10	39.09 2.45 -1.66	42.17 2.59 -1.49	50.84 3.07 -0.47	71.20 4.58 -1.13	82.62 5.35 -0.89	76.58 4.70 -0.71	58.89 3.46 -0.48	48.25 2.43 0.00	40.91 2.02 0.00	38.07 1.91 -0.19
WHITEHAL_115KV_TB1 80871	34.75 1.87 0.00	31.97 1.72 0.00	32.06 1.76 0.00	30.91 1.75 0.00	32.12 1.79 0.00	37.50 2.02 0.00	55.57 3.54 0.00	78.26 5.20 0.11	55.37 3.09 0.04	40.53 1.63 0.00	36.23 1.19 0.00	32.93 0.94 0.27	34.38 0.75 0.53	30.15 0.89 0.43	35.24 0.98 0.72	38.63 1.14 0.61	49.20 1.94 0.03	69.06 3.67 0.09	81.35 5.19 0.22	75.55 4.48 0.11	58.31 3.41 0.03	48.53 2.70 0.00	41.07 2.18 0.00	37.83 2.01 0.16
WHITEPLN_13_KV_LOAD 356215	35.08 2.20 0.00	32.15 1.91 0.00	32.15 1.85 0.00	30.97 1.81 0.00	32.21 1.88 0.00	37.71 2.24 0.00	55.58 3.54 0.00	80.74 5.63 -1.94	57.69 4.55 -0.81	42.11 3.11 -0.09	37.96 2.91 -0.01	37.05 2.71 -2.07	38.62 2.80 -1.66	38.88 2.67 -6.52	39.66 2.83 -1.85	42.82 3.05 -1.68	51.47 3.59 -0.58	72.13 5.24 -1.40	83.73 6.19 -1.16	77.55 5.48 -0.90	59.61 4.07 -0.60	48.76 2.93 0.00	41.26 2.37 0.00	38.41 2.23 -0.20
WM_FLOYD_69_KV_BK2 356380	22.34 0.85 11.39	20.07 0.60 10.78	19.45 0.58 11.43	20.84 0.55 8.87	19.63 0.58 11.28	28.56 0.75 7.66	38.80 0.99 14.23	32.36 2.63 43.45	30.39 2.72 24.66	20.35 1.91 20.46	13.51 2.21 23.73	13.92 2.32 20.67	14.05 2.15 22.27	14.78 2.02 16.92	15.18 2.03 21.83	18.63 1.90 21.37	36.42 2.18 13.05	44.25 3.34 24.58	49.83 3.90 30.45	52.32 2.92 21.77	46.43 1.87 10.38	40.28 1.01 6.55	38.76 0.54 0.68	28.85 0.72 7.85
WOODARD___115KV_TB2 355635	32.52 -0.36 0.00	29.94 -0.30 0.00	29.97 -0.33 0.00	28.84 -0.32 0.00	29.97 -0.36 0.00	35.12 -0.35 0.00	51.57 -0.47 0.00	73.10 -0.95 -0.88	51.86 -0.47 0.00	38.63 -0.27 0.00	34.79 -0.25 0.00	32.04 -0.26 -0.03	33.93 -0.24 -0.01	29.64 -0.18 -0.13	34.66 -0.31 0.00	37.75 -0.34 0.00	46.59 -0.71 0.00	64.34 -1.11 0.04	75.12 -1.07 0.19	70.09 -1.00 0.09	54.23 -0.71 0.00	45.27 -0.55 0.00	38.35 -0.54 0.00	35.40 -0.58 0.00
WOODMERE_69_KV_BK1 55827	34.79 1.91 0.00	31.79 1.54 0.00	31.81 1.51 0.00	30.62 1.46 0.00	31.85 1.52 0.00	37.29 1.81 0.00	53.61 2.71 1.13	75.71 4.83 2.29	55.71 4.34 0.96	41.99 3.19 0.11	38.35 3.33 0.02	37.69 3.36 -2.06	38.96 3.21 -1.59	38.94 2.97 -6.29	39.82 3.11 -1.73	42.50 3.12 -1.28	50.34 3.74 0.69	69.16 5.37 1.69	80.93 6.34 1.79	75.22 5.27 1.22	57.96 3.74 0.71	47.67 2.52 0.67	40.73 1.91 0.06	38.09 1.91 -0.20
YORK___WARBASSE 23770	35.48 2.60 -0.01	32.49 2.24 -0.01	32.49 2.18 -0.01	31.27 2.10 -0.01	32.52 2.18 -0.01	38.07 2.59 0.00	55.53 3.49 -0.01	80.96 4.68 -3.11	57.50 3.87 -1.30	41.86 2.80 -0.15	38.14 3.08 -0.02	37.29 2.94 -2.08	38.87 2.94 -1.77	38.92 2.76 -6.47	39.63 2.62 -2.03	42.74 2.74 -1.90	51.31 3.07 -0.94	72.41 4.58 -2.34	83.78 5.35 -2.05	77.32 4.55 -1.59	59.32 3.35 -1.02	48.80 2.98 0.00	41.58 2.68 -0.01	38.77 2.59 -0.20