

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										10/23/2025	
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			
		36.36	34.90	35.33	34.62	34.77	38.52	53.53	69.05	57.33	47.40	44.70	43.51	43.10	43.87	43.93	43.92	51.61	67.25	79.54	79.56	62.06	52.88	47.09	43.08			
		2.60	2.10	2.06	1.96	2.06	2.42	3.55	4.88	3.80	3.22	3.31	3.13	3.12	3.13	3.16	3.29	3.78	4.63	5.46	5.34	3.79	3.09	2.87	2.63			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	-1.31	-0.45	-2.59	-2.69	-0.55	-0.01	0.00	-0.26	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1	24260	36.42	34.93	35.39	34.69	34.84	38.59	53.58	69.05	57.33	47.44	44.74	43.55	43.14	43.87	43.96	43.96	51.66	67.31	79.44	79.63	62.12	52.93	47.13	43.16			
		2.67	2.13	2.13	2.03	2.13	2.49	3.60	4.88	3.80	3.27	3.35	3.17	3.16	3.13	3.20	3.33	3.83	4.70	5.32	5.42	3.85	3.14	2.92	2.71			
		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-1.31	-0.45	-2.59	-2.69	-0.55	-0.01	-0.01	-0.30	-0.01	0.00	-0.01	0.00	0.00			
74TH STREET_GT_2	24261	36.42	34.93	35.39	34.69	34.84	38.59	53.58	69.05	57.33	47.44	44.74	43.55	43.14	43.87	43.96	43.96	51.66	67.31	79.44	79.63	62.12	52.93	47.13	43.16			
		2.67	2.13	2.13	2.03	2.13	2.49	3.60	4.88	3.80	3.27	3.35	3.17	3.16	3.13	3.20	3.33	3.83	4.70	5.32	5.42	3.85	3.14	2.92	2.71			
		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-1.31	-0.45	-2.59	-2.69	-0.55	-0.01	-0.01	-0.30	-0.01	0.00	-0.01	0.00	0.00			
ADK HUDSON___FALLS	24011	35.11	34.01	34.59	34.04	34.05	37.62	52.17	67.37	55.93	45.72	42.34	39.62	40.13	38.72	38.83	41.13	49.60	65.24	76.91	76.96	60.31	51.28	45.49	41.67			
		1.35	1.21	1.33	1.37	1.34	1.52	2.20	3.21	2.41	1.55	0.95	0.63	0.63	0.72	0.91	1.08	1.77	2.63	3.10	2.75	2.04	1.49	1.28	1.21			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.03	0.15	0.16	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY	23798	35.18	34.08	34.66	34.10	34.12	37.69	52.32	67.56	56.09	45.76	42.30	39.66	40.21	38.68	38.87	41.21	49.69	65.43	77.21	77.26	60.49	51.38	45.58	41.75			
		1.42	1.28	1.40	1.44	1.41	1.59	2.35	3.40	2.57	1.59	0.91	0.66	0.71	0.69	0.95	1.16	1.86	2.82	3.40	3.04	2.21	1.59	1.37	1.29			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.03	0.15	0.16	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS	24028	35.11	34.01	34.59	34.04	34.05	37.62	52.17	67.37	55.93	45.72	42.34	39.62	40.13	38.72	38.83	41.13	49.60	65.24	76.91	76.96	60.31	51.28	45.49	41.67			
		1.35	1.21	1.33	1.37	1.34	1.52	2.20	3.21	2.41	1.55	0.95	0.63	0.63	0.72	0.91	1.08	1.77	2.63	3.10	2.75	2.04	1.49	1.28	1.21			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.03	0.15	0.16	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM	23527	35.48	34.31	34.83	34.23	34.28	37.73	52.52	67.50	56.15	46.29	42.87	39.73	40.28	38.69	39.11	41.41	50.22	65.68	77.05	77.03	60.72	51.63	45.63	41.63			
		1.72	1.51	1.56	1.57	1.57	1.63	2.55	3.33	2.62	2.12	1.49	0.74	0.79	0.72	1.22	1.36	2.39	3.07	3.24	2.82	2.45	1.84	1.41	1.17			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.03	0.18	0.18	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP	24190	34.26	33.13	33.60	32.99	33.01	36.50	50.27	64.68	53.79	44.30	41.47	38.72	39.22	37.86	38.01	40.13	48.17	62.99	73.96	74.06	58.16	49.54	43.99	40.33			
		0.51	0.33	0.33	0.33	0.29	0.40	0.30	0.51	0.27	0.13	0.08	-0.27	-0.28	-0.11	0.11	0.08	0.33	0.38	0.15	-0.15	-0.12	-0.25	-0.22	-0.12			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.03	0.17	0.18	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK	355683	33.79	32.90	33.30	32.73	32.78	36.10	49.97	64.16	53.58	44.26	41.47	39.27	39.76	38.34	38.19	40.36	48.02	63.11	74.19	74.73	58.80	50.24	44.74	40.78			
		0.03	0.10	0.03	0.07	0.07	0.00	0.00	0.00	0.05	0.09	0.08	0.20	0.24	0.19	0.11	0.28	0.19	0.50	0.37	0.52	0.52	0.45	0.53	0.32			
		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	34.87	33.75	34.30	33.71	33.89	37.40	51.87	66.60	55.08	45.10	41.88	39.25	39.82	38.30	38.48	40.74	48.98	64.24	75.58	75.77	59.50	50.69	45.05	41.30			
		1.11	0.95	1.03	1.05	1.18	1.30	1.90	2.44	1.55	0.93	0.50	0.24	0.31	0.27	0.53	0.68	1.15	1.63	1.77	1.56	1.23	0.90	0.84	0.85			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.02	0.12	0.13	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR	323834	34.87	33.75	34.30	33.68	33.89	37.40	51.82	66.60	55.08	45.10	41.88	39.21	39.82	38.29	38.48	40.70	48.98	64.24	75.51	75.77	59.50	50.69	45.05	41.26			
		1.11	0.95	1.03	1.01	1.18	1.30	1.85	2.44	1.55	0.93	0.50	0.20	0.31	0.27	0.53	0.64	1.15	1.63	1.70	1.56	1.23	0.90	0.84	0.81			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.02	0.12	0.13	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00			
ALBANY___1	23571	34.26	33.13	33.60	32.99	33.01	36.50	50.27	64.68	53.79	44.30	41.47	38.72	39.22	37.86	38.01	40.13	48.17	62.99	73.96	74.06	58.16	49.54	43.99	40.33			
		0.51	0.33	0.33	0.33	0.29	0.40	0.30	0.51	0.27	0.13	0.08	-0.27	-0.28	-0.11	0.11	0.08	0.33	0.38	0.15	-0.15	-0.12	-0.25	-0.22	-0.12			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.03	0.17	0.18	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	34.26 0.51 0.00	33.13 0.33 0.00	33.60 0.33 0.00	32.99 0.33 0.00	33.01 0.29 0.00	36.50 0.40 0.00	50.27 0.30 0.00	64.68 0.51 0.00	53.79 0.27 0.00	44.30 0.13 0.00	41.47 0.08 0.00	38.72 -0.27 0.09	39.22 -0.28 0.03	37.86 -0.11 0.17	38.01 0.11 0.18	40.13 0.08 0.04	48.17 0.33 0.00	62.99 0.38 0.00	73.96 0.15 0.01	74.06 -0.15 0.00	58.16 -0.12 0.00	49.54 -0.25 0.00	43.99 -0.22 0.00	40.33 -0.12 0.00
ALBANY___3 23573	34.26 0.51 0.00	33.13 0.33 0.00	33.60 0.33 0.00	32.99 0.33 0.00	33.01 0.29 0.00	36.50 0.40 0.00	50.27 0.30 0.00	64.68 0.51 0.00	53.79 0.27 0.00	44.30 0.13 0.00	41.47 0.08 0.00	38.72 -0.27 0.09	39.22 -0.28 0.03	37.86 -0.11 0.17	38.01 0.11 0.18	40.13 0.08 0.04	48.17 0.33 0.00	62.99 0.38 0.00	73.96 0.15 0.01	74.06 -0.15 0.00	58.16 -0.12 0.00	49.54 -0.25 0.00	43.99 -0.22 0.00	40.33 -0.12 0.00
ALBANY___4 23574	34.26 0.51 0.00	33.13 0.33 0.00	33.60 0.33 0.00	32.99 0.33 0.00	33.01 0.29 0.00	36.50 0.40 0.00	50.27 0.30 0.00	64.68 0.51 0.00	53.79 0.27 0.00	44.30 0.13 0.00	41.47 0.08 0.00	38.72 -0.27 0.09	39.22 -0.28 0.03	37.86 -0.11 0.17	38.01 0.11 0.18	40.13 0.08 0.04	48.17 0.33 0.00	62.99 0.38 0.00	73.96 0.15 0.01	74.06 -0.15 0.00	58.16 -0.12 0.00	49.54 -0.25 0.00	43.99 -0.22 0.00	40.33 -0.12 0.00
ALBANY___LFGE 323615	34.57 0.81 0.00	33.42 0.62 0.00	33.89 0.63 0.00	33.32 0.65 0.00	33.33 0.62 0.00	36.79 0.68 0.00	50.77 0.80 0.00	65.38 1.22 0.00	54.33 0.80 0.00	44.79 0.62 0.00	41.72 0.33 0.00	39.07 0.08 0.09	39.61 0.12 0.03	38.13 0.15 0.17	38.36 0.46 0.18	40.53 0.48 0.04	48.69 0.86 0.00	63.67 1.06 0.00	74.77 0.96 0.01	74.88 0.67 0.00	58.80 0.52 0.00	50.09 0.30 0.00	44.43 0.22 0.00	40.74 0.29 0.00
ALCOA_PA_115KV_PL-6C 55860	33.93 0.17 0.00	33.03 0.23 0.00	33.40 0.13 0.00	32.86 0.20 0.00	32.88 0.16 0.00	36.21 0.11 0.00	50.12 0.15 0.00	64.36 0.19 0.00	53.79 0.27 0.00	44.39 0.22 0.00	41.59 0.21 0.00	39.43 0.35 0.00	39.88 0.36 0.00	38.49 0.34 0.00	38.30 0.23 0.00	40.52 0.44 0.00	48.21 0.38 0.00	63.36 0.75 0.00	74.48 0.66 0.00	75.03 0.82 0.00	59.09 0.82 0.00	50.54 0.75 0.00	45.01 0.80 0.00	40.94 0.49 0.00
ALCOA_RYNLDS___DRP 24188	33.93 0.17 0.00	33.03 0.23 0.00	33.40 0.13 0.00	32.86 0.20 0.00	32.88 0.16 0.00	36.21 0.11 0.00	50.12 0.15 0.00	64.36 0.19 0.00	53.79 0.27 0.00	44.39 0.22 0.00	41.59 0.21 0.00	39.43 0.35 0.00	39.88 0.36 0.00	38.49 0.34 0.00	38.30 0.23 0.00	40.52 0.44 0.00	48.21 0.38 0.00	63.36 0.75 0.00	74.48 0.66 0.00	75.03 0.82 0.00	59.09 0.82 0.00	50.54 0.75 0.00	45.01 0.80 0.00	40.94 0.49 0.00
ALCOA___DSASP 323711	33.93 0.17 0.00	33.03 0.23 0.00	33.40 0.13 0.00	32.86 0.20 0.00	32.88 0.16 0.00	36.21 0.11 0.00	50.13 0.15 0.00	64.36 0.19 0.00	53.79 0.27 0.00	44.39 0.22 0.00	41.59 0.21 0.00	39.43 0.35 0.00	39.84 0.31 0.00	38.49 0.34 0.00	38.31 0.23 0.00	40.53 0.44 0.00	48.21 0.38 0.00	63.37 0.75 0.00	74.48 0.66 0.00	75.03 0.82 0.00	59.09 0.82 0.00	50.54 0.75 0.00	45.01 0.80 0.00	40.94 0.49 0.00
ALLEGHENY___COGEN 23514	33.49 -0.27 0.00	33.22 0.43 0.00	33.43 0.17 0.00	32.80 0.13 0.00	32.91 0.20 0.00	36.86 0.76 0.00	51.37 1.40 0.00	65.51 1.35 0.00	54.49 0.96 0.00	44.61 0.44 0.00	42.05 0.66 0.00	39.63 0.51 -0.05	40.02 0.48 -0.02	38.55 0.30 -0.10	37.91 -0.26 -0.10	39.42 -0.68 -0.02	47.31 -0.53 0.00	62.67 0.06 0.00	76.03 2.21 0.00	75.92 1.71 0.00	59.73 1.46 0.00	51.43 1.64 0.00	45.32 1.11 0.00	41.71 1.26 0.00
ALTAMONT_115KV_TB 2 55880	34.57 0.81 0.00	33.42 0.62 0.00	33.96 0.70 0.00	33.35 0.69 0.00	33.37 0.65 0.00	36.83 0.72 0.00	50.92 0.95 0.00	65.51 1.35 0.00	54.43 0.91 0.00	44.92 0.75 0.00	42.05 0.66 0.00	39.34 0.35 0.08	39.89 0.40 0.03	38.44 0.46 0.17	38.51 0.61 0.17	40.69 0.64 0.04	48.74 0.91 0.00	63.74 1.13 0.00	74.84 1.03 0.01	75.03 0.82 0.00	58.97 0.70 0.00	50.29 0.50 0.00	44.65 0.44 0.00	40.90 0.44 0.00
ALTONA_WT_PWR 323606	33.59 -0.17 0.00	32.73 -0.07 0.00	33.03 -0.23 0.00	32.50 -0.16 0.00	32.49 -0.23 0.00	35.74 -0.36 0.00	49.02 -0.95 0.00	62.88 -1.28 0.00	52.45 -1.07 0.00	43.68 -0.48 0.00	40.77 -0.62 0.00	38.80 -0.27 0.00	39.33 -0.20 0.00	38.07 -0.08 0.00	37.89 -0.19 0.00	40.24 0.16 0.00	47.45 -0.38 0.00	62.67 0.06 0.00	74.04 0.22 0.00	74.58 0.37 0.00	58.63 0.35 0.00	50.09 0.30 0.00	44.83 0.62 0.00	40.77 0.32 0.00
AMERICAN_REF_FUEL 24010	31.46 -2.30 0.00	31.36 -1.44 0.00	31.50 -1.76 0.00	30.87 -1.80 0.00	30.98 -1.73 0.00	34.48 -1.62 0.00	47.13 -2.85 0.00	58.71 -5.45 0.00	49.99 -3.53 0.00	41.78 -2.39 0.00	39.90 -1.49 0.00	37.75 -1.37 -0.04	38.24 -1.30 -0.01	36.86 -1.37 -0.09	35.92 -2.25 -0.09	36.82 -3.29 -0.02	43.43 -4.40 0.00	56.35 -6.26 0.00	67.40 -6.42 0.00	67.83 -6.38 0.00	53.96 -4.31 0.00	47.20 -2.59 0.00	41.65 -2.57 0.00	38.83 -1.62 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.63 -2.13 0.00	31.62 -1.18 0.00	31.87 -1.40 0.00	31.03 -1.63 0.00	31.21 -1.50 0.00	34.95 -1.16 0.00	48.22 -1.75 0.00	60.51 -3.65 0.00	51.33 -2.20 0.00	42.67 -1.50 0.00	40.72 -0.66 0.00	38.58 -0.55 -0.05	39.11 -0.43 -0.02	37.63 -0.61 -0.10	36.77 -1.41 -0.10	37.66 -2.45 -0.02	44.39 -3.44 0.00	58.04 -4.57 0.00	70.35 -3.47 0.00	70.80 -3.41 0.00	56.12 -2.15 0.00	48.99 -0.80 0.00	43.42 -0.79 0.00	40.37 -0.08 0.00
ARTHUR KILL_GT_1 23520	36.43 2.67 -0.01	35.00 2.20 -0.01	35.47 2.20 -0.01	34.76 2.09 -0.01	34.91 2.19 -0.01	38.67 2.56 -0.01	53.33 3.35 -0.01	68.47 4.30 -0.01	56.74 3.21 -0.01	47.54 3.36 -0.01	44.75 3.35 -0.01	43.44 3.05 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.89 3.12 -2.70	43.93 3.29 -0.56	51.57 3.73 -0.01	66.94 4.32 -0.01	77.87 3.76 -0.29	79.26 5.05 -0.01	61.77 3.50 0.00	52.73 2.94 -0.01	47.49 3.27 -0.01	43.29 2.83 -0.01
ARTHUR_KILL_2 23512	36.33 2.56 -0.01	34.91 2.10 -0.01	35.37 2.10 -0.01	34.70 2.03 -0.01	34.82 2.10 -0.01	38.53 2.42 -0.01	53.18 3.20 -0.01	68.08 3.91 -0.01	56.47 2.94 -0.01	47.36 3.18 -0.01	44.42 3.02 -0.01	43.33 2.93 -1.32	42.98 3.00 -0.46	43.65 2.90 -2.60	43.78 3.01 -2.70	43.85 3.21 -0.56	51.43 3.59 -0.01	66.75 4.13 -0.01	77.65 3.54 -0.29	78.97 4.75 -0.01	61.60 3.32 0.00	52.58 2.79 -0.01	47.36 3.14 -0.01	43.17 2.71 -0.01
ARTHUR_KILL_3 23513	36.16 2.40 0.00	34.70 1.90 0.00	35.12 1.86 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.23 2.13 0.00	53.13 3.15 -0.01	68.40 4.23 -0.01	56.74 3.21 -0.01	47.00 2.83 -0.01	44.12 2.73 -0.01	43.20 2.81 -1.31	42.82 2.85 -0.45	43.52 2.78 -2.59	43.70 2.93 -2.69	43.64 3.01 -0.55	51.18 3.35 -0.01	66.75 4.13 -0.01	78.90 4.80 -0.28	78.97 4.75 -0.01	61.60 3.32 0.00	52.48 2.69 -0.01	46.78 2.56 0.00	42.84 2.39 0.00

ARTHUR_KILL_COGEN 323718	36.43 2.67 -0.01	35.00 2.20 -0.01	35.47 2.19 -0.01	34.77 2.09 -0.01	34.91 2.19 -0.01	38.60 2.49 -0.01	53.33 3.35 -0.01	68.28 4.11 -0.01	56.58 3.05 -0.01	47.50 3.31 -0.01	44.50 3.11 -0.01	43.44 3.05 -1.32	43.10 3.12 -0.46	43.76 3.01 -2.60	43.89 3.12 -2.70	43.93 3.29 -0.56	51.57 3.73 -0.01	66.93 4.32 -0.01	77.87 3.76 -0.29	79.27 5.05 -0.01	61.77 3.50 0.00	52.73 2.94 -0.01	47.49 3.27 -0.01	43.29 2.83 -0.01
ASHOKAN____ 23654	35.41 1.65 0.00	34.11 1.31 0.00	34.56 1.30 0.00	33.87 1.21 0.00	34.25 1.54 0.00	37.84 1.73 0.00	52.92 2.95 0.00	68.08 3.91 0.00	55.61 2.09 0.00	45.40 1.24 0.00	42.17 0.78 0.00	39.10 0.00 -0.03	40.36 0.83 -0.01	38.35 0.15 -0.05	38.32 0.19 -0.05	40.49 0.40 -0.01	49.41 1.58 0.00	65.43 2.82 0.00	75.96 2.14 0.00	77.70 3.49 0.00	60.61 2.33 0.00	51.53 1.74 0.00	45.93 1.72 0.00	42.03 1.58 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.53 2.77 -0.01	35.10 2.30 -0.01	35.56 2.29 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.64 2.53 -0.01	53.88 3.90 -0.01	68.40 4.23 -0.01	56.90 3.37 0.00	47.35 3.18 0.00	44.40 3.02 0.00	43.46 3.09 -1.30	43.09 3.12 -0.44	43.75 3.01 -2.58	43.88 3.12 -2.68	43.87 3.25 -0.54	51.51 3.68 0.00	66.93 4.32 0.00	78.77 4.65 -0.29	79.18 4.97 0.00	61.77 3.50 0.00	52.99 3.19 -0.01	47.14 2.92 -0.01	43.29 2.83 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	36.50 2.73 -0.01	35.10 2.30 -0.01	35.56 2.29 -0.01	34.86 2.19 -0.01	34.98 2.26 -0.01	38.64 2.53 -0.01	53.88 3.90 -0.01	68.40 4.23 -0.01	56.84 3.32 0.00	47.30 3.14 0.00	44.40 3.02 0.00	43.43 3.05 -1.30	43.05 3.08 -0.44	43.75 3.01 -2.58	43.88 3.12 -2.68	43.87 3.25 -0.54	51.46 3.63 0.00	66.93 4.32 0.00	78.77 4.65 -0.29	79.18 4.97 0.00	61.71 3.44 0.00	52.99 3.19 -0.01	47.14 2.92 -0.01	43.29 2.83 -0.01
ASTORIA_GT2_1 24094	36.53 2.77 -0.01	35.10 2.30 -0.01	35.57 2.30 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.71 2.60 -0.01	53.93 3.95 -0.01	68.85 4.68 -0.01	57.01 3.48 -0.01	47.39 3.22 0.00	44.65 3.27 0.00	43.47 3.09 -1.30	43.05 3.08 -0.44	43.82 3.09 -2.58	43.88 3.12 -2.68	43.87 3.25 -0.54	51.52 3.68 -0.01	66.94 4.32 -0.01	78.76 4.65 -0.29	79.19 4.97 -0.01	61.77 3.50 0.00	52.98 3.19 -0.01	47.14 2.92 -0.01	43.29 2.83 -0.01
ASTORIA_GT2_2 24095	36.53 2.77 -0.01	35.10 2.30 -0.01	35.57 2.30 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.71 2.60 -0.01	53.93 3.95 -0.01	68.85 4.68 -0.01	57.01 3.48 -0.01	47.39 3.22 0.00	44.65 3.27 0.00	43.47 3.09 -1.30	43.05 3.08 -0.44	43.82 3.09 -2.58	43.88 3.12 -2.68	43.87 3.25 -0.54	51.52 3.68 -0.01	66.94 4.32 -0.01	78.76 4.65 -0.29	79.19 4.97 -0.01	61.77 3.50 0.00	52.98 3.19 -0.01	47.14 2.92 -0.01	43.29 2.83 -0.01
ASTORIA_GT2_3 24096	36.53 2.77 -0.01	35.10 2.30 -0.01	35.57 2.30 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.71 2.60 -0.01	53.93 3.95 -0.01	68.85 4.68 -0.01	57.01 3.48 -0.01	47.39 3.22 0.00	44.65 3.27 0.00	43.47 3.09 -1.30	43.05 3.08 -0.44	43.82 3.09 -2.58	43.88 3.12 -2.68	43.87 3.25 -0.54	51.52 3.68 -0.01	66.94 4.32 -0.01	78.76 4.65 -0.29	79.19 4.97 -0.01	61.77 3.50 0.00	52.98 3.19 -0.01	47.14 2.92 -0.01	43.29 2.83 -0.01
ASTORIA_GT2_4 24097	36.53 2.77 -0.01	35.10 2.30 -0.01	35.57 2.30 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.71 2.60 -0.01	53.93 3.95 -0.01	68.85 4.68 -0.01	57.01 3.48 -0.01	47.39 3.22 0.00	44.65 3.27 0.00	43.47 3.09 -1.30	43.05 3.08 -0.44	43.82 3.09 -2.58	43.88 3.12 -2.68	43.87 3.25 -0.54	51.52 3.68 -0.01	66.94 4.32 -0.01	78.76 4.65 -0.29	79.19 4.97 -0.01	61.77 3.50 0.00	52.98 3.19 -0.01	47.14 2.92 -0.01	43.29 2.83 -0.01
ASTORIA_GT3_1 24098	36.53 2.77 -0.01	35.10 2.30 -0.01	35.57 2.30 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.71 2.60 -0.01	53.93 3.95 -0.01	68.85 4.68 -0.01	57.01 3.48 -0.01	47.39 3.22 0.00	44.65 3.27 0.00	43.47 3.09 -1.30	43.05 3.08 -0.44	43.82 3.09 -2.58	43.88 3.12 -2.68	43.87 3.25 -0.54	51.52 3.68 -0.01	66.94 4.32 -0.01	78.76 4.65 -0.29	79.19 4.97 -0.01	61.77 3.50 0.00	52.98 3.19 -0.01	47.14 2.92 -0.01	43.29 2.83 -0.01
ASTORIA_GT3_2 24099	36.53 2.77 -0.01	35.10 2.30 -0.01	35.57 2.30 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.71 2.60 -0.01	53.93 3.95 -0.01	68.85 4.68 -0.01	57.01 3.48 -0.01	47.39 3.22 0.00	44.65 3.27 0.00	43.47 3.09 -1.30	43.05 3.08 -0.44	43.82 3.09 -2.58	43.88 3.12 -2.68	43.87 3.25 -0.54	51.52 3.68 -0.01	66.94 4.32 -0.01	78.76 4.65 -0.29	79.19 4.97 -0.01	61.77 3.50 0.00	52.98 3.19 -0.01	47.14 2.92 -0.01	43.29 2.83 -0.01
ASTORIA_GT3_3 24100	36.53 2.77 -0.01	35.10 2.30 -0.01	35.57 2.30 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.71 2.60 -0.01	53.93 3.95 -0.01	68.85 4.68 -0.01	57.01 3.48 -0.01	47.39 3.22 0.00	44.65 3.27 0.00	43.47 3.09 -1.30	43.05 3.08 -0.44	43.82 3.09 -2.58	43.88 3.12 -2.68	43.87 3.25 -0.54	51.52 3.68 -0.01	66.94 4.32 -0.01	78.76 4.65 -0.29	79.19 4.97 -0.01	61.77 3.50 0.00	52.98 3.19 -0.01	47.14 2.92 -0.01	43.29 2.83 -0.01
ASTORIA_GT3_4 24101	36.53 2.77 -0.01	35.10 2.30 -0.01	35.57 2.30 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.71 2.60 -0.01	53.93 3.95 -0.01	68.85 4.68 -0.01	57.01 3.48 -0.01	47.39 3.22 0.00	44.65 3.27 0.00	43.47 3.09 -1.30	43.05 3.08 -0.44	43.82 3.09 -2.58	43.88 3.12 -2.68	43.87 3.25 -0.54	51.52 3.68 -0.01	66.94 4.32 -0.01	78.76 4.65 -0.29	79.19 4.97 -0.01	61.77 3.50 0.00	52.98 3.19 -0.01	47.14 2.92 -0.01	43.29 2.83 -0.01
ASTORIA_GT4_1 24102	36.53 2.77 -0.01	35.10 2.30 -0.01	35.57 2.30 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.71 2.60 -0.01	53.93 3.95 -0.01	68.85 4.68 -0.01	57.01 3.48 -0.01	47.39 3.22 0.00	44.65 3.27 0.00	43.47 3.09 -1.30	43.05 3.08 -0.44	43.82 3.09 -2.58	43.88 3.12 -2.68	43.87 3.25 -0.54	51.52 3.68 -0.01	66.94 4.32 -0.01	78.76 4.65 -0.29	79.19 4.97 -0.01	61.77 3.50 0.00	52.98 3.19 -0.01	47.14 2.92 -0.01	43.29 2.83 -0.01
ASTORIA_GT4_2 24103	36.53 2.77 -0.01	35.10 2.30 -0.01	35.57 2.30 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.71 2.60 -0.01	53.93 3.95 -0.01	68.85 4.68 -0.01	57.01 3.48 -0.01	47.39 3.22 0.00	44.65 3.27 0.00	43.47 3.09 -1.30	43.05 3.08 -0.44	43.82 3.09 -2.58	43.88 3.12 -2.68	43.87 3.25 -0.54	51.52 3.68 -0.01	66.94 4.32 -0.01	78.76 4.65 -0.29	79.19 4.97 -0.01	61.77 3.50 0.00	52.98 3.19 -0.01	47.14 2.92 -0.01	43.29 2.83 -0.01
ASTORIA_GT4_3 24104	36.53 2.77 -0.01	35.10 2.30 -0.01	35.57 2.30 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.71 2.60 -0.01	53.93 3.95 -0.01	68.85 4.68 -0.01	57.01 3.48 -0.01	47.39 3.22 0.00	44.65 3.27 0.00	43.47 3.09 -1.30	43.05 3.08 -0.44	43.82 3.09 -2.58	43.88 3.12 -2.68	43.87 3.25 -0.54	51.52 3.68 -0.01	66.94 4.32 -0.01	78.76 4.65 -0.29	79.19 4.97 -0.01	61.77 3.50 0.00	52.98 3.19 -0.01	47.14 2.92 -0.01	43.29 2.83 -0.01

ASTORIA_GT4_4 24105	36.53 2.77 -0.01	35.10 2.30 -0.01	35.57 2.30 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.71 2.60 -0.01	53.93 3.95 -0.01	68.85 4.68 -0.01	57.01 3.48 -0.01	47.39 3.22 0.00	44.65 3.27 0.00	43.47 3.09 -1.30	43.05 3.08 -0.44	43.82 3.09 -2.58	43.88 3.12 -2.68	43.87 3.25 -0.54	51.52 3.68 -0.01	66.94 4.32 -0.01	78.76 4.65 -0.29	79.19 4.97 -0.01	61.77 3.50 0.00	52.98 3.19 -0.01	47.14 2.92 -0.01	43.29 2.83 -0.01
ASTORIA_GT_1 23523	36.57 2.80 -0.01	35.14 2.33 -0.01	35.63 2.36 -0.01	34.93 2.25 -0.01	35.04 2.32 -0.01	38.78 2.67 -0.01	53.98 4.00 -0.01	68.98 4.81 -0.01	57.12 3.59 -0.01	47.48 3.31 0.00	44.74 3.35 0.00	43.54 3.17 -1.30	43.13 3.16 -0.44	43.90 3.17 -2.58	43.95 3.33 -2.68	43.95 3.33 -0.54	51.62 3.78 -0.01	67.12 4.51 -0.01	78.91 4.80 -0.29	79.34 5.12 -0.01	61.89 3.61 0.00	53.08 3.29 -0.01	47.23 3.01 -0.01	43.37 2.91 -0.01
ASTORIA_GT_10 24110	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.60 2.49 -0.01	53.58 3.60 -0.01	68.79 4.62 -0.01	57.01 3.48 -0.01	47.41 3.22 -0.01	44.67 3.27 -0.01	43.48 3.09 -1.32	43.06 3.08 -0.46	43.84 3.09 -2.60	43.89 3.12 -2.70	43.89 3.25 -0.56	51.52 3.68 -0.01	67.00 4.38 -0.01	78.70 4.58 -0.30	79.19 4.97 -0.01	61.77 3.50 0.00	52.83 3.04 -0.01	47.09 2.87 -0.01	43.17 2.71 -0.01
ASTORIA_GT_11 24225	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.60 2.49 -0.01	53.58 3.60 -0.01	68.79 4.62 -0.01	57.01 3.48 -0.01	47.41 3.22 -0.01	44.67 3.27 -0.01	43.48 3.09 -1.32	43.06 3.08 -0.46	43.84 3.09 -2.60	43.89 3.12 -2.70	43.89 3.25 -0.56	51.52 3.68 -0.01	67.00 4.38 -0.01	78.70 4.58 -0.30	79.19 4.97 -0.01	61.77 3.50 0.00	52.83 3.04 -0.01	47.09 2.87 -0.01	43.17 2.71 -0.01
ASTORIA_GT_12 24226	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.60 2.49 -0.01	53.58 3.60 -0.01	68.79 4.62 -0.01	57.01 3.48 -0.01	47.41 3.22 -0.01	44.67 3.27 -0.01	43.48 3.09 -1.32	43.06 3.08 -0.46	43.84 3.09 -2.60	43.89 3.12 -2.70	43.89 3.25 -0.56	51.52 3.68 -0.01	67.00 4.38 -0.01	78.70 4.58 -0.30	79.19 4.97 -0.01	61.77 3.50 0.00	52.83 3.04 -0.01	47.09 2.87 -0.01	43.17 2.71 -0.01
ASTORIA_GT_13 24227	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.60 2.49 -0.01	53.58 3.60 -0.01	68.79 4.62 -0.01	57.01 3.48 -0.01	47.41 3.22 -0.01	44.67 3.27 -0.01	43.48 3.09 -1.32	43.06 3.08 -0.46	43.84 3.09 -2.60	43.89 3.12 -2.70	43.89 3.25 -0.56	51.52 3.68 -0.01	67.00 4.38 -0.01	78.70 4.58 -0.30	79.19 4.97 -0.01	61.77 3.50 0.00	52.83 3.04 -0.01	47.09 2.87 -0.01	43.17 2.71 -0.01
ASTORIA_GT_5 24106	36.57 2.80 -0.01	35.14 2.33 -0.01	35.63 2.36 -0.01	34.93 2.25 -0.01	35.04 2.32 -0.01	38.78 2.67 -0.01	53.98 4.00 -0.01	68.98 4.81 -0.01	57.12 3.59 -0.01	47.48 3.31 0.00	44.74 3.35 0.00	43.54 3.17 -1.30	43.13 3.16 -0.44	43.90 3.17 -2.58	43.95 3.20 -2.68	43.95 3.33 -0.54	51.62 3.78 -0.01	67.12 4.51 -0.01	78.91 4.80 -0.29	79.34 5.12 -0.01	61.89 3.61 0.00	53.08 3.29 -0.01	47.23 3.01 -0.01	43.37 2.91 -0.01
ASTORIA_GT_7 24107	36.57 2.80 -0.01	35.14 2.33 -0.01	35.63 2.36 -0.01	34.93 2.25 -0.01	35.04 2.32 -0.01	38.78 2.67 -0.01	53.98 4.00 -0.01	68.98 4.81 -0.01	57.12 3.59 -0.01	47.48 3.31 0.00	44.74 3.35 0.00	43.54 3.17 -1.30	43.13 3.16 -0.44	43.90 3.17 -2.58	43.95 3.20 -2.68	43.95 3.33 -0.54	51.62 3.78 -0.01	67.12 4.51 -0.01	78.91 4.80 -0.29	79.34 5.12 -0.01	61.89 3.61 0.00	53.08 3.29 -0.01	47.23 3.01 -0.01	43.37 2.91 -0.01
ASTORIA_GT_8 24108	36.57 2.80 -0.01	35.14 2.33 -0.01	35.63 2.36 -0.01	34.93 2.25 -0.01	35.04 2.32 -0.01	38.78 2.67 -0.01	53.98 4.00 -0.01	68.98 4.81 -0.01	57.12 3.59 -0.01	47.48 3.31 0.00	44.74 3.35 0.00	43.54 3.17 -1.30	43.13 3.16 -0.44	43.90 3.17 -2.58	43.95 3.20 -2.68	43.95 3.33 -0.54	51.62 3.78 -0.01	67.12 4.51 -0.01	78.91 4.80 -0.29	79.34 5.12 -0.01	61.89 3.61 0.00	53.08 3.29 -0.01	47.23 3.01 -0.01	43.37 2.91 -0.01
ASTORIA___2 24149	36.53 2.77 -0.01	35.10 2.30 -0.01	35.56 2.29 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.64 2.53 -0.01	53.88 3.90 -0.01	68.40 4.23 -0.01	56.90 3.37 0.00	47.35 3.18 0.00	44.40 3.02 0.00	43.46 3.09 -1.30	43.09 3.12 -0.44	43.75 3.01 -2.58	43.88 3.12 -2.68	43.87 3.25 -0.54	51.51 3.68 0.00	66.93 4.32 0.00	78.77 4.65 -0.29	79.18 4.97 0.00	61.77 3.50 0.00	52.99 3.19 -0.01	47.14 2.92 -0.01	43.29 2.83 -0.01
ASTORIA___3 23516	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.53 3.55 -0.01	68.47 4.30 -0.01	56.91 3.37 -0.01	47.32 3.14 -0.01	44.42 3.02 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.76 3.01 -2.60	43.93 3.16 -2.70	43.93 3.29 -0.56	51.52 3.68 -0.01	67.00 4.38 -0.01	78.77 4.65 -0.30	79.19 4.97 -0.01	61.77 3.50 0.00	52.83 3.04 -0.01	47.09 2.87 -0.01	43.17 2.71 -0.01
ASTORIA___4 23517	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.60 2.49 -0.01	53.58 3.60 -0.01	68.79 4.62 -0.01	57.01 3.48 -0.01	47.41 3.22 -0.01	44.67 3.27 -0.01	43.48 3.09 -1.32	43.06 3.08 -0.46	43.84 3.09 -2.60	43.89 3.12 -2.70	43.89 3.25 -0.56	51.52 3.68 -0.01	67.00 4.38 -0.01	78.70 4.58 -0.30	79.19 4.97 -0.01	61.77 3.50 0.00	52.83 3.04 -0.01	47.09 2.87 -0.01	43.17 2.71 -0.01
ASTORIA___5 23518	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.53 3.55 -0.01	68.47 4.30 -0.01	56.91 3.37 -0.01	47.32 3.14 -0.01	44.42 3.02 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.76 3.01 -2.60	43.93 3.16 -2.70	43.89 3.25 -0.56	51.52 3.68 -0.01	67.00 4.38 -0.01	78.77 4.65 -0.30	79.19 4.97 -0.01	61.77 3.50 0.00	52.83 3.04 -0.01	47.09 2.87 -0.01	43.17 2.71 -0.01
AST_ENERGY_2_CC3 323677	36.30 2.53 -0.01	34.87 2.07 -0.01	35.33 2.06 -0.01	34.67 1.99 -0.01	34.78 2.06 -0.01	38.39 2.28 -0.01	53.53 3.55 -0.01	68.02 3.85 -0.01	56.52 3.00 0.00	47.04 2.87 0.00	44.11 2.73 0.00	43.19 2.81 -1.30	42.81 2.85 -0.44	43.52 2.78 -2.58	43.65 2.89 -2.68	43.63 3.01 -0.54	51.18 3.35 0.00	66.56 3.95 0.00	78.32 4.21 -0.29	78.74 4.53 0.00	61.36 3.09 0.00	52.68 2.89 -0.01	46.83 2.61 -0.01	43.01 2.55 -0.01
AST_ENERGY_2_CC4 323678	36.30 2.53 -0.01	34.87 2.07 -0.01	35.33 2.06 -0.01	34.67 1.99 -0.01	34.78 2.06 -0.01	38.39 2.28 -0.01	53.53 3.55 -0.01	68.02 3.85 -0.01	56.52 3.00 0.00	47.04 2.87 0.00	44.11 2.73 0.00	43.19 2.81 -1.30	42.81 2.85 -0.44	43.52 2.78 -2.58	43.65 2.89 -2.68	43.63 3.01 -0.54	51.18 3.35 0.00	66.56 3.95 0.00	78.32 4.21 -0.29	78.74 4.53 0.00	61.36 3.09 0.00	52.68 2.89 -0.01	46.83 2.61 -0.01	43.01 2.55 -0.01

ATHENS_STG_1 23668	34.94 1.18 0.00	33.72 0.92 0.00	34.30 1.03 0.00	33.64 0.98 0.00	33.69 0.98 0.00	37.15 1.05 0.00	51.53 1.55 0.00	66.22 2.05 0.00	55.02 1.50 0.00	45.45 1.28 0.00	42.54 1.16 0.00	40.03 1.09 0.13	40.58 1.11 0.05	38.99 1.11 0.26	39.02 1.22 0.27	41.31 1.28 0.06	49.41 1.58 0.00	64.55 1.94 0.00	75.87 2.06 0.02	76.14 1.93 0.00	59.67 1.40 0.00	50.94 1.15 0.00	45.27 1.06 0.00	41.46 1.01 0.00
ATHENS_STG_2 23670	34.94 1.18 0.00	33.72 0.92 0.00	34.30 1.03 0.00	33.64 0.98 0.00	33.69 0.98 0.00	37.15 1.05 0.00	51.53 1.55 0.00	66.22 2.05 0.00	55.02 1.50 0.00	45.45 1.28 0.00	42.54 1.16 0.00	40.03 1.09 0.13	40.58 1.11 0.05	38.99 1.11 0.26	39.02 1.22 0.27	41.31 1.28 0.06	49.41 1.58 0.00	64.55 1.94 0.00	75.87 2.06 0.02	76.14 1.93 0.00	59.67 1.40 0.00	50.94 1.15 0.00	45.27 1.06 0.00	41.46 1.01 0.00
ATHENS_STG_3 23677	34.94 1.18 0.00	33.72 0.92 0.00	34.30 1.03 0.00	33.64 0.98 0.00	33.69 0.98 0.00	37.15 1.05 0.00	51.53 1.55 0.00	66.22 2.05 0.00	55.02 1.50 0.00	45.45 1.28 0.00	42.54 1.16 0.00	40.03 1.09 0.13	40.58 1.11 0.05	38.99 1.11 0.26	39.02 1.22 0.27	41.31 1.28 0.06	49.41 1.58 0.00	64.55 1.94 0.00	75.87 2.06 0.02	76.14 1.93 0.00	59.67 1.40 0.00	50.94 1.15 0.00	45.27 1.06 0.00	41.46 1.01 0.00
AUBURN____LFGE 323710	33.45 -0.30 0.00	32.67 -0.13 0.00	33.06 -0.20 0.00	32.47 -0.20 0.00	32.52 -0.20 0.00	36.03 -0.07 0.00	49.97 0.00 0.00	64.23 0.06 0.00	53.63 0.11 0.00	44.21 0.04 0.00	41.43 0.04 0.00	39.31 0.20 -0.04	39.73 0.20 -0.01	38.30 0.08 -0.07	38.15 0.00 -0.08	39.98 -0.12 -0.02	47.64 -0.19 0.00	62.36 -0.25 0.00	74.67 0.37 -0.48	74.86 0.15 -0.50	58.36 0.00 -0.09	49.79 0.00 0.00	44.15 -0.13 -0.07	40.37 -0.08 0.00
BABYLON_RES_REC 323704	36.22 2.46 0.00	34.57 1.77 0.00	35.16 1.90 0.00	34.49 1.83 0.00	34.64 1.93 0.00	38.16 2.06 0.00	51.97 2.00 0.00	66.08 1.92 0.01	55.01 1.50 0.01	46.02 1.85 0.00	43.25 1.86 0.00	42.61 2.34 -1.19	42.04 2.33 -0.18	42.66 2.25 -2.26	42.90 2.47 -2.35	42.99 2.57 -0.33	50.21 2.39 0.01	65.24 2.63 0.00	73.44 2.36 2.74	77.40 3.19 0.00	59.96 1.69 0.00	51.23 1.44 0.00	46.06 1.86 0.00	42.80 2.35 0.00
BALL_HILL_WT_PWR 323825	31.90 -1.86 0.00	31.85 -0.95 0.00	32.03 -1.23 0.00	31.26 -1.40 0.00	31.37 -1.34 0.00	35.13 -0.97 0.00	48.33 -1.65 0.00	60.38 -3.79 0.00	51.22 -2.30 0.00	42.58 -1.59 0.00	40.68 -0.70 0.00	38.54 -0.59 -0.05	39.07 -0.47 -0.02	37.63 -0.61 -0.09	36.77 -1.41 -0.10	37.70 -2.40 -0.02	44.44 -3.39 0.00	58.04 -4.57 0.00	69.83 -3.99 0.00	70.35 -3.86 0.00	55.65 -2.62 0.00	48.50 -1.29 0.00	42.89 -1.33 0.00	39.89 -0.57 0.00
BARON_WINDS____WT_PWR 323822	32.27 -1.48 0.00	31.95 -0.85 0.00	32.20 -1.07 0.00	31.55 -1.11 0.00	31.63 -1.08 0.00	35.31 -0.79 0.00	48.83 -1.15 0.00	61.79 -2.37 0.00	51.92 -1.60 0.00	42.89 -1.28 0.00	40.72 -0.66 0.00	38.63 -0.51 -0.06	39.07 -0.47 -0.02	37.70 -0.57 -0.12	37.14 -1.07 -0.13	38.39 -1.72 -0.03	45.49 -2.34 0.00	59.67 -2.94 0.00	71.68 -2.14 -0.01	71.76 -2.45 0.00	56.53 -1.75 0.00	48.79 -1.00 0.00	43.24 -0.97 0.00	40.01 -0.44 0.00
BARRETT_IC_1 23704	36.12 2.36 0.00	34.54 1.74 0.00	35.09 1.83 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.12 2.02 0.00	52.37 2.40 0.00	66.92 2.76 0.00	55.39 1.87 0.00	46.46 2.30 0.00	43.70 2.32 0.00	43.19 2.81 -1.30	42.77 2.81 -0.44	43.40 2.67 -2.58	43.61 2.86 -2.68	43.59 2.97 -0.54	50.60 2.77 0.00	65.99 3.38 0.00	77.20 3.40 0.02	78.29 4.08 0.00	60.67 2.39 0.00	51.58 1.79 0.00	46.07 1.86 0.00	42.72 2.18 -0.08
BARRETT_IC_10 23701	36.12 2.36 0.00	34.54 1.74 0.00	35.09 1.83 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.12 2.02 0.00	52.37 2.40 0.00	66.92 2.76 0.00	55.39 1.87 0.00	46.46 2.30 0.00	43.70 2.32 0.00	43.19 2.81 -1.30	42.77 2.81 -0.44	43.40 2.67 -2.58	43.61 2.86 -2.68	43.59 2.97 -0.54	50.60 2.77 0.00	65.99 3.38 0.00	77.20 3.40 0.02	78.29 4.08 0.00	60.67 2.39 0.00	51.58 1.79 0.00	46.07 1.86 0.00	42.72 2.18 -0.08
BARRETT_IC_11 23702	36.12 2.36 0.00	34.54 1.74 0.00	35.09 1.83 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.12 2.02 0.00	52.37 2.40 0.00	66.92 2.76 0.00	55.39 1.87 0.00	46.46 2.30 0.00	43.70 2.32 0.00	43.19 2.81 -1.30	42.77 2.81 -0.44	43.40 2.67 -2.58	43.61 2.86 -2.68	43.59 2.97 -0.54	50.60 2.77 0.00	65.99 3.38 0.00	77.20 3.40 0.02	78.29 4.08 0.00	60.67 2.39 0.00	51.58 1.79 0.00	46.07 1.86 0.00	42.72 2.18 -0.08
BARRETT_IC_12 23703	36.12 2.36 0.00	34.54 1.74 0.00	35.09 1.83 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.12 2.02 0.00	52.37 2.40 0.00	66.92 2.76 0.00	55.39 1.87 0.00	46.46 2.30 0.00	43.70 2.32 0.00	43.19 2.81 -1.30	42.77 2.81 -0.44	43.40 2.67 -2.58	43.61 2.86 -2.68	43.59 2.97 -0.54	50.60 2.77 0.00	65.99 3.38 0.00	77.20 3.40 0.02	78.29 4.08 0.00	60.67 2.39 0.00	51.58 1.79 0.00	46.07 1.86 0.00	42.72 2.18 -0.08
BARRETT_IC_2 23705	36.12 2.36 0.00	34.54 1.74 0.00	35.09 1.83 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.12 2.02 0.00	52.37 2.40 0.00	66.92 2.76 0.00	55.39 1.87 0.00	46.46 2.30 0.00	43.70 2.32 0.00	43.19 2.81 -1.30	42.77 2.81 -0.44	43.40 2.67 -2.58	43.61 2.86 -2.68	43.59 2.97 -0.54	50.60 2.77 0.00	65.99 3.38 0.00	77.20 3.40 0.02	78.29 4.08 0.00	60.67 2.39 0.00	51.58 1.79 0.00	46.07 1.86 0.00	42.72 2.18 -0.08
BARRETT_IC_3 23706	36.12 2.36 0.00	34.54 1.74 0.00	35.09 1.83 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.12 2.02 0.00	52.37 2.40 0.00	66.92 2.76 0.00	55.39 1.87 0.00	46.46 2.30 0.00	43.70 2.32 0.00	43.19 2.81 -1.30	42.77 2.81 -0.44	43.40 2.67 -2.58	43.61 2.86 -2.68	43.59 2.97 -0.54	50.60 2.77 0.00	65.99 3.38 0.00	77.20 3.40 0.02	78.29 4.08 0.00	60.67 2.39 0.00	51.58 1.79 0.00	46.07 1.86 0.00	42.72 2.18 -0.08
BARRETT_IC_4 23707	36.12 2.36 0.00	34.54 1.74 0.00	35.09 1.83 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.12 2.02 0.00	52.37 2.40 0.00	66.92 2.76 0.00	55.39 1.87 0.00	46.46 2.30 0.00	43.70 2.32 0.00	43.19 2.81 -1.30	42.77 2.81 -0.44	43.40 2.67 -2.58	43.61 2.86 -2.68	43.59 2.97 -0.54	50.60 2.77 0.00	65.99 3.38 0.00	77.20 3.40 0.02	78.29 4.08 0.00	60.67 2.39 0.00	51.58 1.79 0.00	46.07 1.86 0.00	42.72 2.18 -0.08
BARRETT_IC_5 23708	36.12 2.36 0.00	34.54 1.74 0.00	35.09 1.83 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.12 2.02 0.00	52.37 2.40 0.00	66.92 2.76 0.00	55.39 1.87 0.00	46.46 2.30 0.00	43.70 2.32 0.00	43.19 2.81 -1.30	42.77 2.81 -0.44	43.40 2.67 -2.58	43.61 2.86 -2.68	43.59 2.97 -0.54	50.60 2.77 0.00	65.99 3.38 0.00	77.20 3.40 0.02	78.29 4.08 0.00	60.67 2.39 0.00	51.58 1.79 0.00	46.07 1.86 0.00	42.72 2.18 -0.08

BARRETT_IC_6 23709	36.12 2.36 0.00	34.54 1.74 0.00	35.09 1.83 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.12 2.02 0.00	52.37 2.40 0.00	66.92 2.76 0.00	55.39 1.87 0.00	46.46 2.30 0.00	43.70 2.32 0.00	43.19 2.81 -1.30	42.77 2.81 -0.44	43.40 2.67 -2.58	43.61 2.86 -2.68	43.59 2.97 -0.54	50.60 2.77 0.00	65.99 3.38 0.00	77.20 3.40 0.02	78.29 4.08 0.00	60.67 2.39 0.00	51.58 1.79 0.00	46.07 1.86 0.00	42.72 2.18 -0.08
BARRETT_IC_7 23710	36.12 2.36 0.00	34.54 1.74 0.00	35.09 1.83 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.31 2.20 0.00	52.42 2.45 0.00	67.50 3.34 0.00	55.77 2.25 0.00	46.59 2.43 0.00	44.15 2.77 0.00	43.19 2.81 -1.30	42.77 2.81 -0.44	43.47 2.75 -2.58	43.61 2.86 -2.68	43.59 2.97 -0.54	50.65 2.82 0.00	65.99 3.38 0.00	77.20 3.40 0.02	78.29 4.08 0.00	60.60 2.33 0.00	51.53 1.74 0.00	46.07 1.86 0.00	42.72 2.18 -0.08
BARRETT_IC_8 23711	36.12 2.36 0.00	34.54 1.74 0.00	35.09 1.83 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.12 2.02 0.00	52.37 2.40 0.00	66.92 2.76 0.00	55.39 1.87 0.00	46.46 2.30 0.00	43.70 2.32 0.00	43.19 2.81 -1.30	42.77 2.81 -0.44	43.40 2.67 -2.58	43.61 2.86 -2.68	43.59 2.97 -0.54	50.60 2.77 0.00	65.99 3.38 0.00	77.20 3.40 0.02	78.29 4.08 0.00	60.67 2.39 0.00	51.58 1.79 0.00	46.07 1.86 0.00	42.72 2.18 -0.08
BARRETT_IC_9 23700	36.12 2.36 0.00	34.54 1.74 0.00	35.09 1.83 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.12 2.02 0.00	52.37 2.40 0.00	66.92 2.76 0.00	55.39 1.87 0.00	46.46 2.30 0.00	43.70 2.32 0.00	43.19 2.81 -1.30	42.77 2.81 -0.44	43.40 2.67 -2.58	43.61 2.86 -2.68	43.59 2.97 -0.54	50.60 2.77 0.00	65.99 3.38 0.00	77.20 3.40 0.02	78.29 4.08 0.00	60.67 2.39 0.00	51.58 1.79 0.00	46.07 1.86 0.00	42.72 2.18 -0.08
BARRETT___1 23545	36.12 2.36 0.00	34.54 1.74 0.00	35.09 1.83 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.12 2.02 0.00	52.37 2.40 0.00	66.92 2.76 0.00	55.39 1.87 0.00	46.46 2.30 0.00	43.70 2.32 0.00	43.19 2.81 -1.30	42.77 2.81 -0.44	43.40 2.67 -2.58	43.61 2.86 -2.68	43.59 2.97 -0.54	50.60 2.77 0.00	65.99 3.38 0.00	77.20 3.40 0.02	78.29 4.08 0.00	60.67 2.39 0.00	51.58 1.79 0.00	46.07 1.86 0.00	42.72 2.18 -0.08
BARRETT___2 23546	36.12 2.36 0.00	34.54 1.74 0.00	35.09 1.83 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.12 2.02 0.00	52.37 2.40 0.00	66.92 2.76 0.00	55.39 1.87 0.00	46.46 2.30 0.00	43.70 2.32 0.00	43.19 2.81 -1.30	42.77 2.77 -0.44	43.40 2.67 -2.58	43.61 2.86 -2.68	43.59 2.97 -0.54	50.60 2.77 0.00	65.99 3.38 0.00	77.20 3.40 0.02	78.29 4.08 0.00	60.67 2.39 0.00	51.58 1.79 0.00	46.07 1.86 0.00	42.72 2.18 -0.08
BATAVIA___115KV_TB1 55881	32.51 -1.25 0.00	32.40 -0.39 0.00	32.56 -0.70 0.00	31.82 -0.85 0.00	32.06 -0.65 0.00	35.49 -0.61 0.00	49.23 -0.75 0.00	62.11 -2.05 0.00	52.29 -1.23 0.00	43.60 -0.57 0.00	40.81 -0.58 0.00	39.43 0.31 -0.04	39.73 0.20 -0.01	37.96 -0.27 -0.08	37.51 -0.65 -0.08	38.54 -1.56 -0.02	45.77 -2.06 0.00	59.67 -2.94 0.00	71.75 -2.07 0.00	71.84 -2.37 0.00	56.82 -1.46 0.00	49.39 -0.40 0.00	43.50 -0.71 0.00	40.33 -0.12 0.00
BAYONEEC___CTG1 323682	36.26 2.50 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.34 2.24 0.00	53.28 3.30 -0.01	68.59 4.42 -0.01	56.90 3.37 -0.01	47.13 2.96 -0.01	44.24 2.85 -0.01	43.32 2.93 -1.31	42.90 2.92 -0.45	43.60 2.86 -2.59	43.77 3.01 -2.69	43.76 3.13 -0.55	51.33 3.49 -0.01	66.93 4.32 -0.01	79.05 4.95 -0.28	79.19 4.97 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
BAYONEEC___CTG10 323750	36.26 2.50 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.34 2.24 0.00	53.28 3.30 -0.01	68.59 4.42 -0.01	56.90 3.37 -0.01	47.13 2.96 -0.01	44.24 2.85 -0.01	43.32 2.93 -1.31	42.90 2.92 -0.45	43.60 2.86 -2.59	43.77 3.01 -2.69	43.76 3.13 -0.55	51.33 3.49 -0.01	66.93 4.32 -0.01	79.05 4.95 -0.28	79.19 4.97 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
BAYONEEC___CTG2 323683	36.26 2.50 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.34 2.24 0.00	53.28 3.30 -0.01	68.59 4.42 -0.01	56.90 3.37 -0.01	47.13 2.96 -0.01	44.24 2.85 -0.01	43.32 2.93 -1.31	42.90 2.92 -0.45	43.60 2.86 -2.59	43.77 3.01 -2.69	43.76 3.13 -0.55	51.33 3.49 -0.01	66.93 4.32 -0.01	79.05 4.95 -0.28	79.19 4.97 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
BAYONEEC___CTG3 323684	36.26 2.50 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.34 2.24 0.00	53.28 3.30 -0.01	68.59 4.42 -0.01	56.90 3.37 -0.01	47.13 2.96 -0.01	44.24 2.85 -0.01	43.32 2.93 -1.31	42.90 2.92 -0.45	43.60 2.86 -2.59	43.77 3.01 -2.69	43.76 3.13 -0.55	51.33 3.49 -0.01	66.93 4.32 -0.01	79.05 4.95 -0.28	79.19 4.97 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
BAYONEEC___CTG4 323685	36.26 2.50 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.34 2.24 0.00	53.28 3.30 -0.01	68.59 4.42 -0.01	56.90 3.37 -0.01	47.13 2.96 -0.01	44.24 2.85 -0.01	43.32 2.93 -1.31	42.90 2.92 -0.45	43.60 2.86 -2.59	43.77 3.01 -2.69	43.76 3.13 -0.55	51.33 3.49 -0.01	66.93 4.32 -0.01	79.05 4.95 -0.28	79.19 4.97 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
BAYONEEC___CTG5 323686	36.26 2.50 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.34 2.24 0.00	53.28 3.30 -0.01	68.59 4.42 -0.01	56.90 3.37 -0.01	47.13 2.96 -0.01	44.24 2.85 -0.01	43.32 2.93 -1.31	42.90 2.92 -0.45	43.60 2.86 -2.59	43.77 3.01 -2.69	43.76 3.13 -0.55	51.33 3.49 -0.01	66.93 4.32 -0.01	79.05 4.95 -0.28	79.19 4.97 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
BAYONEEC___CTG6 323687	36.26 2.50 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.34 2.24 0.00	53.28 3.30 -0.01	68.59 4.42 -0.01	56.90 3.37 -0.01	47.13 2.96 -0.01	44.24 2.85 -0.01	43.32 2.93 -1.31	42.90 2.92 -0.45	43.60 2.86 -2.59	43.77 3.01 -2.69	43.76 3.13 -0.55	51.33 3.49 -0.01	66.93 4.32 -0.01	79.05 4.95 -0.28	79.19 4.97 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
BAYONEEC___CTG7 323688	36.26 2.50 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.34 2.24 0.00	53.28 3.30 -0.01	68.59 4.42 -0.01	56.90 3.37 -0.01	47.13 2.96 -0.01	44.24 2.85 -0.01	43.32 2.93 -1.31	42.90 2.92 -0.45	43.60 2.86 -2.59	43.77 3.01 -2.69	43.76 3.13 -0.55	51.33 3.49 -0.01	66.93 4.32 -0.01	79.05 4.95 -0.28	79.19 4.97 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00

BAYONEEC___CTG8 323689	36.26 2.50 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.34 2.24 0.00	53.28 3.30 -0.01	68.59 4.42 -0.01	56.90 3.37 -0.01	47.13 2.96 -0.01	44.24 2.85 -0.01	43.32 2.93 -1.31	42.90 2.92 -0.45	43.60 2.86 -2.59	43.77 3.01 -2.69	43.76 3.13 -0.55	51.33 3.49 -0.01	66.93 4.32 -0.01	79.05 4.95 -0.28	79.19 4.97 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
BAYONEEC___CTG9 323749	36.26 2.50 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.34 2.24 0.00	53.28 3.30 -0.01	68.59 4.42 -0.01	56.90 3.37 -0.01	47.13 2.96 -0.01	44.24 2.85 -0.01	43.32 2.93 -1.31	42.90 2.92 -0.45	43.60 2.86 -2.59	43.77 3.01 -2.69	43.76 3.13 -0.55	51.33 3.49 -0.01	66.93 4.32 -0.01	79.05 4.95 -0.28	79.19 4.97 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
BEACON___LESR 323632	34.67 0.91 0.00	33.55 0.75 0.00	34.03 0.77 0.00	33.42 0.75 0.00	33.43 0.72 0.00	36.93 0.83 0.00	51.03 1.05 0.00	65.70 1.54 0.00	54.59 1.07 0.00	44.92 0.75 0.00	41.84 0.46 0.00	39.18 0.20 0.09	39.73 0.24 0.03	38.25 0.27 0.17	38.47 0.57 0.18	40.65 0.60 0.04	48.88 1.05 0.00	63.99 1.38 0.00	75.21 1.40 0.01	75.25 1.04 0.00	59.09 0.82 0.00	50.29 0.50 0.00	44.65 0.44 0.00	40.90 0.45 0.00
BEAVER RIVER___HYD 24048	33.96 0.20 0.00	33.13 0.33 0.00	33.46 0.20 0.00	32.80 0.13 0.00	33.07 0.36 0.00	36.39 0.29 0.00	50.62 0.65 0.00	65.00 0.83 0.00	54.43 0.91 0.00	44.48 0.31 0.00	41.80 0.41 0.00	39.39 0.31 0.00	39.88 0.35 0.00	38.42 0.27 0.00	38.19 0.11 0.00	40.93 0.84 0.00	48.64 0.81 0.00	63.80 1.19 0.00	75.86 1.70 -0.34	76.94 2.37 -0.36	60.14 1.81 -0.06	51.04 1.25 0.00	45.23 0.97 -0.05	41.10 0.65 0.00
BEEBEE_GT_13 23619	32.88 -0.88 0.00	32.47 -0.33 0.00	32.73 -0.53 0.00	32.08 -0.59 0.00	32.19 -0.52 0.00	35.67 -0.43 0.00	49.47 -0.50 0.00	63.07 -1.09 0.00	52.94 -0.59 0.00	44.04 -0.13 0.00	41.26 -0.12 0.00	39.50 0.39 -0.03	39.89 0.36 -0.01	38.29 0.08 -0.06	37.95 -0.19 -0.07	39.34 -0.76 -0.01	46.87 -0.96 0.00	61.17 -1.14 0.00	72.93 -0.89 0.00	72.88 -1.34 0.00	57.46 -0.82 0.00	49.49 -0.30 0.00	43.68 -0.53 0.00	40.21 -0.24 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.53 2.77 -0.01	35.07 2.26 -0.01	35.53 2.26 -0.01	34.83 2.16 -0.01	34.98 2.26 -0.01	38.75 2.64 -0.01	53.68 3.70 -0.01	68.98 4.81 -0.01	57.22 3.69 -0.01	47.67 3.49 -0.01	44.92 3.52 -0.01	43.64 3.24 -1.32	43.26 3.28 -0.46	43.99 3.24 -2.60	44.08 3.31 -2.70	44.13 3.49 -0.56	51.85 4.02 -0.01	67.38 4.76 -0.01	78.70 4.58 -0.30	79.71 5.49 -0.01	62.18 3.90 0.00	53.08 3.29 -0.01	47.49 3.27 -0.01	43.37 2.91 -0.01
BETHLEHEM___GRP 23843	34.26 0.51 0.00	33.13 0.33 0.00	33.60 0.33 0.00	32.99 0.33 0.00	33.01 0.29 0.00	36.50 0.40 0.00	50.27 0.30 0.00	64.68 0.51 0.00	53.79 0.27 0.00	44.30 0.13 0.00	41.47 0.08 0.00	38.72 -0.27 0.09	39.22 -0.28 0.03	37.86 -0.11 0.17	38.01 0.11 0.18	40.13 0.08 0.04	48.17 0.33 0.00	62.99 0.38 0.00	73.96 0.15 0.01	74.06 -0.15 0.00	58.16 -0.12 0.00	49.54 -0.25 0.00	43.99 -0.22 0.00	40.33 -0.12 0.00
BETHLEHEM___GS1 323560	34.27 0.51 0.00	33.13 0.33 0.00	33.60 0.33 0.00	32.99 0.33 0.00	33.01 0.29 0.00	36.43 0.32 0.00	50.23 0.25 0.00	64.62 0.45 0.00	53.74 0.21 0.00	44.30 0.13 0.00	41.30 -0.08 0.00	38.72 -0.27 0.09	39.26 -0.24 0.03	37.79 -0.19 0.17	38.01 0.11 0.18	40.13 0.08 0.04	48.17 0.34 0.00	62.99 0.38 0.00	73.96 0.15 0.01	74.06 -0.15 0.00	58.16 -0.12 0.00	49.54 -0.25 0.00	43.99 -0.22 0.00	40.33 -0.12 0.00
BETHLEHEM___GS2 323561	34.27 0.51 0.00	33.13 0.33 0.00	33.60 0.33 0.00	32.99 0.33 0.00	33.01 0.29 0.00	36.43 0.32 0.00	50.23 0.25 0.00	64.62 0.45 0.00	53.74 0.21 0.00	44.30 0.13 0.00	41.30 -0.08 0.00	38.72 -0.27 0.09	39.26 -0.24 0.03	37.79 -0.19 0.17	38.01 0.11 0.18	40.13 0.08 0.04	48.17 0.34 0.00	62.99 0.38 0.00	73.96 0.15 0.01	74.06 -0.15 0.00	58.16 -0.12 0.00	49.54 -0.25 0.00	43.99 -0.22 0.00	40.33 -0.12 0.00
BETHLEHEM___GS3 323562	34.27 0.51 0.00	33.13 0.33 0.00	33.60 0.33 0.00	32.99 0.33 0.00	33.01 0.29 0.00	36.43 0.32 0.00	50.23 0.25 0.00	64.62 0.45 0.00	53.74 0.21 0.00	44.30 0.13 0.00	41.30 -0.08 0.00	38.72 -0.27 0.09	39.26 -0.24 0.03	37.79 -0.19 0.17	38.01 0.11 0.18	40.13 0.08 0.04	48.17 0.34 0.00	62.99 0.38 0.00	73.96 0.15 0.01	74.06 -0.15 0.00	58.16 -0.12 0.00	49.54 -0.25 0.00	43.99 -0.22 0.00	40.33 -0.12 0.00
BETHLEHEM___STEEL 23779	31.87 -1.89 0.00	31.88 -0.92 0.00	32.00 -1.26 0.00	31.23 -1.44 0.00	31.37 -1.34 0.00	34.77 -1.34 0.00	48.08 -1.90 0.00	60.06 -4.11 0.00	50.74 -2.78 0.00	42.40 -1.77 0.00	39.77 -1.61 0.00	38.50 -0.63 -0.05	38.87 -0.67 -0.02	37.10 -1.14 -0.09	36.73 -1.45 -0.10	37.62 -2.49 -0.02	44.39 -3.44 0.00	57.79 -4.82 0.00	69.47 -4.36 0.00	69.91 -4.30 0.00	55.42 -2.86 0.00	48.35 -1.44 0.00	42.71 -1.50 0.00	39.72 -0.73 0.00
BETHLHEM_115KV_TB1 79974	34.33 0.57 0.00	33.19 0.39 0.00	33.70 0.43 0.00	33.09 0.42 0.00	33.11 0.39 0.00	36.57 0.47 0.00	50.42 0.45 0.00	64.87 0.71 0.00	53.95 0.43 0.00	44.48 0.31 0.00	41.59 0.21 0.00	38.87 -0.12 0.09	39.38 -0.12 0.03	38.02 0.04 0.17	38.13 0.23 0.18	40.25 0.20 0.04	48.31 0.48 0.00	63.17 0.56 0.00	74.18 0.37 0.01	74.29 0.07 0.00	58.33 0.06 0.00	49.74 -0.05 0.00	44.17 -0.04 0.00	40.45 0.00 0.00
BETHPAGE_CC_5 323564	36.16 2.40 0.00	34.54 1.74 0.00	35.09 1.83 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.09 1.98 0.00	52.27 2.30 0.00	66.97 2.82 0.01	55.50 1.98 0.01	46.37 2.21 0.00	43.57 2.19 0.00	42.98 2.66 -1.24	42.48 2.65 -0.31	43.16 2.60 -2.41	43.36 2.78 -2.51	43.41 2.89 -0.43	50.55 2.72 0.01	65.80 3.19 0.00	74.64 3.32 2.50	78.14 3.93 0.00	60.54 2.27 0.00	51.48 1.69 0.00	46.06 1.86 0.00	42.72 2.26 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.83 -1.92 0.00	31.85 -0.95 0.00	32.00 -1.26 0.00	31.23 -1.44 0.00	31.34 -1.37 0.00	34.77 -1.34 0.00	48.13 -1.85 0.00	60.12 -4.04 0.00	50.74 -2.78 0.00	42.36 -1.81 0.00	39.77 -1.61 0.00	38.50 -0.63 -0.05	38.83 -0.71 -0.02	37.10 -1.14 -0.09	36.69 -1.48 -0.10	37.62 -2.49 -0.02	44.39 -3.44 0.00	57.85 -4.76 0.00	69.47 -4.36 0.00	69.98 -4.23 0.00	55.42 -2.86 0.00	48.35 -1.44 0.00	42.71 -1.50 0.00	39.72 -0.73 0.00
BINGHAMTON___COGEN 23790	33.62 -0.14 0.00	32.83 0.03 0.00	33.26 0.00 0.00	32.63 -0.03 0.00	32.68 -0.03 0.00	36.18 0.07 0.00	50.22 0.25 0.00	64.23 0.06 0.00	53.63 0.11 0.00	44.26 0.09 0.00	41.59 0.21 0.00	39.59 0.43 -0.09	39.95 0.40 -0.03	38.59 0.27 -0.18	38.45 0.19 -0.18	40.08 -0.04 -0.04	47.64 -0.19 0.00	62.30 -0.31 0.00	74.05 0.22 -0.01	74.36 0.15 0.00	58.33 0.06 0.00	49.94 0.15 0.00	44.30 0.09 0.00	40.70 0.24 0.00

BIXINCNT_115KV_LOAD 355685	31.50 -2.26 0.00	31.45 -1.34 0.00	31.63 -1.63 0.00	30.90 -1.76 0.00	31.01 -1.70 0.00	34.44 -1.66 0.00	47.83 -2.15 0.00	59.74 -4.43 0.00	50.10 -3.43 0.00	41.65 -2.52 0.00	39.23 -2.15 0.00	37.99 -1.13 -0.05	38.35 -1.19 -0.02	36.57 -1.68 -0.10	36.16 -2.02 -0.10	37.06 -3.05 -0.02	43.76 -4.07 0.00	57.35 -5.26 0.00	69.10 -4.72 0.00	69.76 -4.45 0.00	55.13 -3.15 0.00	47.90 -1.89 0.00	42.58 -1.64 0.00	39.60 -0.85 0.00
BLACK RIVER___HYD 24047	34.20 0.44 0.00	33.42 0.62 0.00	33.73 0.47 0.00	33.06 0.39 0.00	33.40 0.69 0.00	36.79 0.68 0.00	51.27 1.30 0.00	65.96 1.79 0.00	55.29 1.76 0.00	45.05 0.88 0.00	42.30 0.91 0.00	39.78 0.70 0.00	40.24 0.71 0.00	38.72 0.57 0.00	38.42 0.34 0.00	41.04 0.96 0.00	48.88 1.05 0.00	64.18 1.57 0.00	76.94 2.51 -0.61	78.19 3.34 -0.64	60.83 2.45 -0.11	51.68 1.89 0.00	45.71 1.41 -0.09	41.50 1.05 0.00
BLACKRVR_115KV_TB2 79977	34.20 0.44 0.00	33.42 0.62 0.00	33.73 0.47 0.00	33.06 0.39 0.00	33.40 0.69 0.00	36.79 0.69 0.00	51.27 1.30 0.00	65.90 1.73 0.00	55.29 1.77 0.00	45.05 0.88 0.00	42.21 0.83 0.00	39.78 0.70 0.00	40.23 0.71 0.00	38.68 0.53 0.00	38.42 0.34 0.00	41.05 0.96 0.00	48.88 1.05 0.00	64.18 1.57 0.00	76.94 2.51 -0.61	78.19 3.34 -0.64	60.77 2.39 -0.11	51.68 1.89 0.00	45.71 1.41 -0.09	41.50 1.05 0.00
BLDWN_LI_69_KV_BK4 356085	36.26 2.50 0.00	34.64 1.84 0.00	35.19 1.93 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.45 2.35 0.00	52.72 2.75 0.00	67.94 3.79 0.01	56.19 2.68 0.01	46.77 2.61 0.00	44.36 2.98 0.00	43.31 2.93 -1.30	42.89 2.92 -0.44	43.59 2.86 -2.58	43.76 3.01 -2.68	43.75 3.13 -0.54	50.98 3.16 0.01	66.43 3.82 0.00	76.38 4.06 1.50	78.81 4.60 0.00	61.07 2.80 0.00	51.93 2.14 0.00	46.38 2.17 0.00	42.90 2.43 -0.02
BLISS_WT_PWR 323608	31.39 -2.36 0.00	31.36 -1.44 0.00	31.53 -1.73 0.00	30.80 -1.86 0.00	30.88 -1.83 0.00	34.55 -1.55 0.00	47.73 -2.25 0.00	59.61 -4.55 0.00	50.15 -3.37 0.00	41.56 -2.61 0.00	39.77 -1.61 0.00	37.84 -1.29 -0.05	38.36 -1.18 -0.02	36.80 -1.45 -0.10	35.97 -2.21 -0.10	36.86 -3.25 -0.02	43.53 -4.30 0.00	57.10 -5.51 0.00	68.80 -5.02 0.00	69.54 -4.67 0.00	54.95 -3.32 0.00	47.75 -2.04 0.00	42.49 -1.72 0.00	39.56 -0.89 0.00
BLUESTONE___WT_PWR 323821	34.74 0.98 0.00	33.85 1.05 0.00	34.26 1.00 0.00	33.61 0.95 0.00	33.83 1.11 0.00	37.44 1.34 0.00	52.23 2.25 0.00	67.12 2.95 0.00	56.31 2.78 0.00	46.11 1.94 0.00	43.41 2.03 0.00	41.16 1.99 -0.10	41.53 1.98 -0.03	40.13 1.79 -0.19	39.80 1.52 -0.20	41.77 1.64 -0.04	49.84 2.01 0.00	65.62 3.01 0.00	78.04 4.21 -0.01	78.97 4.75 0.00	61.71 3.44 0.00	52.48 2.69 0.00	46.33 2.12 0.00	42.35 1.90 0.00
BLUE_CIRC_CHEM_DRP 24182	34.70 0.95 0.00	33.59 0.79 0.00	34.13 0.86 0.00	33.51 0.85 0.00	33.63 0.92 0.00	37.11 1.01 0.00	51.37 1.40 0.00	66.02 1.86 0.00	54.70 1.18 0.00	44.92 0.75 0.00	41.92 0.54 0.00	39.20 0.20 0.07	39.70 0.20 0.02	38.32 0.31 0.13	38.43 0.49 0.14	40.62 0.56 0.03	48.79 0.96 0.00	63.93 1.31 0.00	75.14 1.33 0.01	75.32 1.11 0.00	59.15 0.87 0.00	50.44 0.65 0.00	44.79 0.57 0.00	41.06 0.61 0.00
BOC_GAS_DRP 24189	34.53 0.78 0.00	33.39 0.59 0.00	33.93 0.67 0.00	33.32 0.65 0.00	33.33 0.62 0.00	36.79 0.69 0.00	50.87 0.90 0.00	65.45 1.28 0.00	54.43 0.91 0.00	44.88 0.71 0.00	42.01 0.62 0.00	39.34 0.35 0.08	39.85 0.36 0.03	38.44 0.46 0.17	38.47 0.57 0.17	40.65 0.60 0.04	48.69 0.86 0.00	63.68 1.06 0.00	74.77 0.96 0.01	74.95 0.74 0.00	58.91 0.64 0.00	50.24 0.45 0.00	44.61 0.40 0.00	40.86 0.40 0.00
BOONVILLE_115KV_TB1 79983	34.20 0.44 0.00	33.32 0.52 0.00	33.70 0.43 0.00	33.06 0.39 0.00	33.27 0.56 0.00	36.68 0.58 0.00	51.02 1.05 0.00	65.51 1.35 0.00	54.86 1.34 0.00	45.01 0.84 0.00	42.21 0.83 0.00	39.82 0.74 0.00	40.27 0.75 0.00	38.80 0.65 0.00	38.61 0.53 0.00	41.09 1.00 0.00	48.93 1.10 0.00	64.05 1.44 0.00	75.74 1.92 0.00	76.59 2.37 0.00	60.02 1.75 0.00	51.03 1.24 0.00	45.18 0.97 0.00	41.22 0.77 0.00
BORALEX_4TH_BRANCH 23824	35.48 1.72 0.00	34.31 1.51 0.00	34.83 1.56 0.00	34.23 1.57 0.00	34.28 1.57 0.00	37.80 1.70 0.00	52.57 2.60 0.00	67.56 3.40 0.00	56.20 2.68 0.00	46.29 2.12 0.00	43.00 1.61 0.00	39.73 0.74 0.09	40.28 0.79 0.03	38.93 0.95 0.18	39.11 1.22 0.18	41.41 1.36 0.04	50.22 2.39 0.00	65.68 3.07 0.00	77.06 3.25 0.01	77.03 2.82 0.00	60.72 2.45 0.00	51.63 1.84 0.00	45.63 1.41 0.00	41.63 1.17 0.00
BOWLINE___1 23526	35.92 2.16 0.00	34.50 1.70 0.00	34.96 1.70 0.00	34.26 1.60 0.00	34.41 1.70 0.00	38.02 1.91 0.00	52.82 2.85 0.00	67.95 3.78 0.00	56.36 2.83 0.00	46.60 2.43 0.00	43.79 2.40 0.00	42.71 2.42 -1.21	42.43 2.49 -0.41	42.95 2.40 -2.40	43.08 2.51 -2.49	43.20 2.60 -0.51	50.75 2.92 0.00	66.31 3.69 0.00	78.32 4.35 -0.15	78.67 4.45 0.00	61.36 3.09 0.00	52.23 2.44 0.00	46.51 2.30 0.00	42.59 2.14 0.00
BOWLINE___2 23595	35.89 2.13 0.00	34.50 1.70 0.00	34.96 1.70 0.00	34.26 1.60 0.00	34.41 1.70 0.00	38.02 1.91 0.00	52.82 2.85 0.00	67.95 3.78 0.00	56.36 2.83 0.00	46.60 2.43 0.00	43.75 2.36 0.00	42.71 2.42 -1.21	42.43 2.49 -0.41	42.95 2.40 -2.40	43.08 2.51 -2.49	43.20 2.60 -0.51	50.75 2.92 0.00	66.31 3.69 0.00	78.32 4.35 -0.15	78.59 4.38 0.00	61.30 3.03 0.00	52.18 2.39 0.00	46.51 2.30 0.00	42.59 2.14 0.00
BRADY___115KV_TB2 356060	34.20 0.44 0.00	33.36 0.56 0.00	33.66 0.40 0.00	33.12 0.46 0.00	33.20 0.49 0.00	36.57 0.47 0.00	50.67 0.70 0.00	65.00 0.83 0.00	54.27 0.75 0.00	44.57 0.40 0.00	41.80 0.41 0.00	39.58 0.51 0.00	40.04 0.51 0.00	38.61 0.46 0.00	38.46 0.38 0.00	40.77 0.68 0.00	48.55 0.72 0.00	63.93 1.31 0.00	75.15 1.33 0.00	75.99 1.78 0.00	59.85 1.57 0.00	51.23 1.44 0.00	45.58 1.37 0.00	41.42 0.97 0.00
BRANSCOMB___SOLAR 323811	35.11 1.35 0.00	34.01 1.21 0.00	34.59 1.33 0.00	34.00 1.34 0.00	33.99 1.27 0.00	37.51 1.41 0.00	52.07 2.10 0.00	67.12 2.95 0.00	55.77 2.25 0.00	45.67 1.50 0.00	42.26 0.87 0.00	39.58 0.59 0.08	40.13 0.63 0.03	38.56 0.57 0.16	38.79 0.88 0.16	41.09 1.04 0.03	49.55 1.72 0.00	65.05 2.44 0.00	76.69 2.88 0.01	76.74 2.52 0.00	60.26 1.98 0.00	51.28 1.49 0.00	45.45 1.24 0.00	41.63 1.17 0.00
BRDGHMPT_69_KV_BK1 55812	36.19 2.43 0.00	34.47 1.67 0.00	35.09 1.83 0.00	34.46 1.80 0.00	34.58 1.86 0.00	38.34 2.24 0.00	51.97 2.00 0.00	66.78 2.63 0.01	55.17 1.66 0.01	45.93 1.77 0.00	43.62 2.23 0.00	39.62 1.68 1.13	35.90 1.70 5.32	35.16 1.64 4.63	35.24 1.87 4.70	37.92 1.92 4.08	50.16 2.34 0.01	65.61 3.01 0.00	72.47 1.85 3.20	78.14 3.93 0.00	60.60 2.33 0.00	51.53 1.74 0.00	45.49 1.28 0.00	42.19 1.74 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	36.46 2.70 0.00	34.80 2.00 0.00	35.39 2.13 0.00	34.72 2.06 0.00	34.87 2.16 0.00	38.67 2.56 0.00	52.77 2.80 0.00	67.87 3.72 0.01	56.08 2.57 0.01	46.73 2.56 0.00	44.40 3.02 0.00	43.04 2.89 -1.07	42.35 2.92 0.10	42.91 2.86 -1.90	43.07 3.01 -1.99	43.32 3.13 -0.11	50.83 3.01 0.01	66.30 3.69 0.00	73.69 2.95 3.08	78.81 4.60 0.00	61.01 2.74 0.00	51.83 2.04 0.00	46.20 1.99 0.00	43.04 2.59 0.00
BRISTLHL_115KV_TB1 79998	33.12 -0.64 0.00	32.27 -0.52 0.00	32.70 -0.57 0.00	32.11 -0.56 0.00	32.16 -0.56 0.00	35.53 -0.58 0.00	49.18 -0.80 0.00	63.14 -1.03 0.00	52.78 -0.75 0.00	43.55 -0.62 0.00	40.81 -0.58 0.00	38.61 -0.47 0.00	39.05 -0.47 0.00	37.61 -0.53 0.00	37.50 -0.57 0.00	39.40 -0.68 0.00	46.92 -0.91 0.00	61.30 -1.31 0.00	74.14 -1.18 -1.50	74.44 -1.34 -1.57	57.44 -1.11 -0.27	48.89 -0.90 0.00	43.59 -0.84 -0.21	39.72 -0.73 0.00
BROOKHAVEN___DRP 24191	36.15 2.40 0.00	34.47 1.67 0.00	35.06 1.80 0.00	34.43 1.76 0.00	34.54 1.83 0.00	38.31 2.20 0.00	52.12 2.15 0.00	66.91 2.76 0.01	55.23 1.71 0.01	46.11 1.94 0.00	43.78 2.40 0.00	39.89 1.95 1.14	36.17 1.98 5.33	35.45 1.95 4.64	35.46 2.09 4.71	38.16 2.16 4.09	50.26 2.44 0.01	65.55 2.94 0.00	72.54 1.92 3.20	77.92 3.71 0.00	60.37 2.10 0.00	51.28 1.49 0.00	45.45 1.24 0.00	42.07 1.62 0.00
BROOKLYN_NAVY_YARD 23515	36.26 2.50 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.34 2.24 0.00	53.33 3.35 -0.01	68.59 4.42 -0.01	57.01 3.48 -0.01	47.18 3.01 -0.01	44.16 2.77 -0.01	43.24 2.85 -1.31	42.86 2.88 -0.45	43.56 2.82 -2.59	43.70 2.93 -2.69	43.68 3.04 -0.55	51.33 3.49 -0.01	66.81 4.20 -0.01	78.97 4.87 -0.28	79.11 4.90 -0.01	61.71 3.44 0.00	52.58 2.79 -0.01	46.82 2.61 0.00	42.88 2.43 0.00
BROOKLYN___ARMY_DRP 323595	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.60 2.49 -0.01	53.53 3.55 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.50 3.31 -0.01	44.71 3.31 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.66 3.83 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.31 3.09 -0.01	43.21 2.75 -0.01
BROOME_2_LFGE 323671	33.62 -0.13 0.00	32.83 0.03 0.00	33.26 0.00 0.00	32.63 -0.03 0.00	32.68 -0.03 0.00	36.25 0.14 0.00	50.23 0.25 0.00	64.23 0.06 0.00	53.74 0.21 0.00	44.30 0.13 0.00	41.76 0.37 0.00	39.59 0.43 -0.09	40.03 0.48 -0.03	38.71 0.38 -0.18	38.45 0.19 -0.18	40.08 -0.04 -0.04	47.64 -0.19 0.00	62.30 -0.31 0.00	74.05 0.22 -0.01	74.36 0.15 0.00	58.33 0.06 0.00	49.94 0.15 0.00	44.30 0.09 0.00	40.70 0.24 0.00
BROOME___LFGE 323600	33.62 -0.13 0.00	32.83 0.03 0.00	33.26 0.00 0.00	32.63 -0.03 0.00	32.68 -0.03 0.00	36.25 0.14 0.00	50.23 0.25 0.00	64.23 0.06 0.00	53.74 0.21 0.00	44.30 0.13 0.00	41.76 0.37 0.00	39.59 0.43 -0.09	40.03 0.48 -0.03	38.71 0.38 -0.18	38.45 0.19 -0.18	40.08 -0.04 -0.04	47.64 -0.19 0.00	62.30 -0.31 0.00	74.05 0.22 -0.01	74.36 0.15 0.00	58.33 0.06 0.00	49.94 0.15 0.00	44.30 0.09 0.00	40.70 0.24 0.00
BROWNFLS_115KV_TB 3_5 80003	33.99 0.24 0.00	33.16 0.36 0.00	33.46 0.20 0.00	32.86 0.20 0.00	33.07 0.36 0.00	36.39 0.29 0.00	50.47 0.50 0.00	64.61 0.45 0.00	54.11 0.59 0.00	44.30 0.13 0.00	41.68 0.29 0.00	39.35 0.27 0.00	39.96 0.43 0.00	38.49 0.34 0.00	38.27 0.19 0.00	40.85 0.76 0.00	48.36 0.53 0.00	63.43 0.81 0.00	75.02 0.96 -0.24	75.95 1.48 -0.26	59.72 1.40 -0.04	51.08 1.29 0.00	45.35 1.11 -0.03	41.14 0.69 0.00
BROWNSV1_27_KV_LOAD 356125	36.49 2.73 0.00	35.00 2.20 0.00	35.42 2.16 0.00	34.72 2.06 0.00	34.90 2.19 0.00	38.63 2.53 0.00	53.68 3.70 -0.01	69.24 5.07 -0.01	57.49 3.96 -0.01	47.53 3.36 -0.01	44.78 3.39 -0.01	43.59 3.20 -1.31	43.21 3.24 -0.45	43.94 3.20 -2.59	44.04 3.27 -2.69	44.04 3.41 -0.55	51.76 3.92 -0.01	67.44 4.82 -0.01	79.64 5.54 -0.28	79.86 5.64 -0.01	62.29 4.02 0.00	53.03 3.24 -0.01	47.22 3.01 0.00	43.24 2.79 0.00
BURROWS___LYONSDAL 23803	34.10 0.34 0.00	33.22 0.43 0.00	33.60 0.33 0.00	32.96 0.29 0.00	33.17 0.46 0.00	36.57 0.47 0.00	50.87 0.90 0.00	65.32 1.15 0.00	54.70 1.18 0.00	44.83 0.66 0.00	42.05 0.66 0.00	39.66 0.59 0.00	40.12 0.59 0.00	38.64 0.50 0.00	38.46 0.38 0.00	41.05 0.96 0.00	48.88 1.05 0.00	63.99 1.38 0.00	75.90 1.92 -0.16	76.83 2.45 -0.17	60.11 1.81 -0.03	50.98 1.19 0.00	45.12 0.88 -0.02	41.14 0.69 0.00
CAITHNESS_CC_1 323624	36.12 2.36 0.00	34.41 1.61 0.00	35.02 1.76 0.00	34.36 1.70 0.00	34.51 1.80 0.00	37.87 1.77 0.00	51.92 1.95 0.00	66.33 2.18 0.01	54.85 1.34 0.01	45.89 1.72 0.00	43.12 1.74 0.00	39.93 1.99 1.14	36.20 2.01 5.34	35.41 1.91 4.65	35.45 2.09 4.72	38.15 2.16 4.09	50.16 2.34 0.01	65.36 2.75 0.00	72.61 1.99 3.20	77.70 3.49 0.00	60.25 1.98 0.01	51.18 1.39 0.00	45.40 1.19 0.01	42.11 1.66 0.00
CALPINE BETH_PAGE_GT4 24209	36.19 2.43 0.00	34.57 1.77 0.00	35.13 1.86 0.00	34.46 1.80 0.00	34.61 1.90 0.00	38.38 2.27 0.00	52.57 2.60 0.00	67.75 3.59 0.01	56.03 2.52 0.01	46.64 2.47 0.00	44.24 2.86 0.00	43.15 2.77 -1.30	42.77 2.81 -0.44	43.47 2.75 -2.58	43.65 2.89 -2.68	43.63 3.01 -0.54	50.64 2.82 0.01	65.99 3.38 0.00	75.04 3.47 2.25	78.29 4.08 0.00	60.60 2.33 0.00	51.53 1.74 0.00	46.20 1.99 0.00	42.81 2.35 -0.01
CALPINE_BETH_PAGE_GT_4 323586	36.19 2.43 0.00	34.57 1.77 0.00	35.12 1.86 0.00	34.46 1.80 0.00	34.61 1.90 0.00	38.16 2.06 0.00	52.47 2.50 0.00	67.23 3.08 0.01	55.71 2.20 0.01	46.50 2.34 0.00	43.70 2.32 0.00	43.15 2.77 -1.30	42.73 2.77 -0.44	43.40 2.67 -2.58	43.64 2.89 -2.68	43.63 3.01 -0.54	50.64 2.82 0.01	65.92 3.32 0.00	75.04 3.47 2.25	78.29 4.08 0.00	60.66 2.39 0.00	51.58 1.79 0.00	46.20 1.99 0.00	42.80 2.35 -0.01
CALPINE_BP_GT1 23823	36.19 2.43 0.00	34.57 1.77 0.00	35.12 1.86 0.00	34.46 1.80 0.00	34.61 1.90 0.00	38.16 2.06 0.00	52.47 2.50 0.00	67.23 3.08 0.01	55.71 2.20 0.01	46.50 2.34 0.00	43.70 2.32 0.00	43.15 2.77 -1.30	42.73 2.77 -0.44	43.40 2.67 -2.58	43.64 2.89 -2.68	43.63 3.01 -0.54	50.64 2.82 0.01	65.92 3.32 0.00	75.04 3.47 2.25	78.29 4.08 0.00	60.66 2.39 0.00	51.58 1.79 0.00	46.20 1.99 0.00	42.80 2.35 -0.01
CALSPAN___DRP 24200	31.87 -1.89 0.00	31.88 -0.92 0.00	32.00 -1.26 0.00	31.23 -1.44 0.00	31.37 -1.34 0.00	34.77 -1.34 0.00	48.08 -1.90 0.00	60.06 -4.11 0.00	50.74 -2.78 0.00	42.40 -1.77 0.00	39.77 -1.61 0.00	38.50 -0.63 -0.05	38.87 -0.67 -0.02	37.10 -1.14 -0.09	36.73 -1.45 -0.10	37.62 -2.49 -0.02	44.39 -3.44 0.00	57.79 -4.82 0.00	69.47 -4.36 0.00	69.91 -4.30 0.00	55.42 -2.86 0.00	48.35 -1.44 0.00	42.71 -1.50 0.00	39.72 -0.73 0.00

CALVERTON___SOLAR 323806	36.22 2.46 0.00	34.50 1.70 0.00	35.12 1.86 0.00	34.46 1.80 0.00	34.61 1.90 0.00	37.91 1.80 0.00	52.07 2.10 0.00	66.53 2.38 0.01	55.01 1.50 0.01	45.98 1.81 0.00	43.16 1.78 0.00	39.85 1.91 1.14	36.13 1.94 5.33	35.34 1.83 4.64	35.42 2.05 4.71	38.12 2.12 4.09	50.30 2.49 0.01	65.61 3.01 0.00	72.62 1.99 3.20	78.06 3.86 0.00	60.54 2.27 0.01	51.43 1.64 0.00	45.44 1.24 0.01	42.02 1.58 0.00
CANDIGU_WT_PWR 323617	32.27 -1.48 0.00	31.95 -0.85 0.00	32.20 -1.07 0.00	31.55 -1.11 0.00	31.63 -1.08 0.00	35.31 -0.79 0.00	48.83 -1.15 0.00	61.79 -2.37 0.00	51.92 -1.60 0.00	42.89 -1.28 0.00	40.72 -0.66 0.00	38.63 -0.51 -0.06	39.07 -0.47 -0.02	37.70 -0.57 -0.12	37.14 -1.07 -0.13	38.39 -1.72 -0.03	45.49 -2.34 0.00	59.67 -2.94 0.00	71.68 -2.14 -0.01	71.76 -2.45 0.00	56.53 -1.75 0.00	48.79 -1.00 0.00	43.24 -0.97 0.00	40.01 -0.44 0.00
CARR STREET_E_SYR 24060	33.25 -0.51 0.00	32.41 -0.39 0.00	32.83 -0.43 0.00	32.24 -0.43 0.00	32.29 -0.43 0.00	35.71 -0.40 0.00	49.48 -0.50 0.00	63.52 -0.64 0.00	53.09 -0.43 0.00	43.81 -0.35 0.00	41.14 -0.25 0.00	38.91 -0.19 -0.03	39.34 -0.20 -0.01	37.98 -0.23 -0.05	37.83 -0.31 -0.06	39.66 -0.44 -0.01	47.21 -0.62 0.00	61.73 -0.88 0.00	73.08 -0.74 0.00	73.40 -0.81 0.00	57.51 -0.76 0.00	49.19 -0.60 0.00	43.59 -0.62 0.00	39.93 -0.53 0.00
CARTHAGE___PAPER 23857	34.10 0.34 0.00	33.29 0.49 0.00	33.60 0.33 0.00	32.92 0.26 0.00	33.23 0.52 0.00	36.57 0.47 0.00	50.97 1.00 0.00	65.45 1.28 0.00	54.86 1.34 0.00	44.74 0.57 0.00	41.97 0.58 0.00	39.55 0.47 0.00	39.96 0.44 0.00	38.49 0.34 0.00	38.27 0.19 0.00	40.96 0.88 0.00	48.79 0.96 0.00	64.05 1.44 0.00	76.47 2.14 -0.51	77.71 2.97 -0.53	60.58 2.21 -0.09	51.38 1.59 0.00	45.52 1.24 -0.07	41.30 0.85 0.00
CASSADAGA_WT_PWR 323784	31.56 -2.19 0.00	31.59 -1.21 0.00	31.90 -1.37 0.00	31.03 -1.63 0.00	31.21 -1.50 0.00	34.95 -1.16 0.00	48.28 -1.70 0.00	60.70 -3.47 0.00	51.49 -2.03 0.00	42.75 -1.42 0.00	40.77 -0.62 0.00	38.58 -0.55 -0.05	39.18 -0.36 -0.02	37.71 -0.53 -0.10	36.84 -1.33 -0.10	37.74 -2.36 -0.02	44.53 -3.30 0.00	58.23 -4.38 0.00	70.87 -2.96 0.00	71.17 -3.05 0.00	56.35 -1.92 0.00	49.24 -0.55 0.00	43.64 -0.58 0.00	40.53 0.08 0.00
CE_DUNWOOD___DRP 24194	36.02 2.26 0.00	34.60 1.80 0.00	35.06 1.80 0.00	34.36 1.70 0.00	34.51 1.80 0.00	38.20 2.09 0.00	52.98 3.00 0.00	68.27 4.11 0.00	56.69 3.16 0.00	46.87 2.69 0.00	44.16 2.77 0.00	42.97 2.58 -1.32	42.58 2.61 -0.45	43.35 2.59 -2.61	43.45 2.67 -2.71	43.40 2.77 -0.55	50.99 3.16 0.00	66.50 3.88 0.00	78.50 4.50 -0.18	78.74 4.53 0.00	61.48 3.21 0.00	52.33 2.54 0.00	46.64 2.43 0.00	42.72 2.27 0.00
CE_MILLWOOD___DRP 24193	35.95 2.19 0.00	34.54 1.74 0.00	35.03 1.76 0.00	34.33 1.67 0.00	34.45 1.73 0.00	38.12 2.02 0.00	52.88 2.90 0.00	68.14 3.98 0.00	56.58 3.05 0.00	46.78 2.61 0.00	44.08 2.69 0.00	42.90 2.50 -1.32	42.51 2.53 -0.45	43.32 2.56 -2.62	43.38 2.59 -2.71	43.32 2.69 -0.55	50.90 3.06 0.00	66.43 3.82 0.00	78.41 4.43 -0.16	78.67 4.45 0.00	61.42 3.15 0.00	52.28 2.49 0.00	46.56 2.34 0.00	42.64 2.18 0.00
CE_NYC2_DRP 24202	36.40 2.63 -0.01	34.94 2.13 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.57 2.46 -0.01	53.58 3.60 -0.01	68.79 4.62 -0.01	57.06 3.53 -0.01	47.41 3.22 -0.01	44.67 3.27 -0.01	43.48 3.09 -1.32	43.06 3.08 -0.46	43.84 3.09 -2.60	43.89 3.12 -2.70	43.89 3.25 -0.56	51.52 3.68 -0.01	67.00 4.38 -0.01	78.77 4.65 -0.30	79.26 5.05 -0.01	61.83 3.55 0.00	52.83 3.04 -0.01	47.09 2.87 -0.01	43.17 2.71 -0.01
CE_NYC_DRP 24195	36.29 2.53 0.00	34.80 2.00 0.00	35.26 2.00 0.00	34.56 1.89 0.00	34.71 2.00 0.00	38.41 2.31 0.00	53.38 3.40 -0.01	68.79 4.62 -0.01	57.12 3.59 -0.01	47.27 3.09 -0.01	44.54 3.15 -0.01	43.36 2.97 -1.31	42.98 3.00 -0.45	43.72 2.98 -2.59	43.81 3.05 -2.69	43.80 3.17 -0.55	51.42 3.59 -0.01	67.06 4.45 -0.01	79.12 5.02 -0.28	79.26 5.05 -0.01	61.89 3.61 0.00	52.73 2.94 -0.01	46.95 2.74 0.00	43.00 2.55 0.00
CHAFFEE___LFGE 323603	31.90 -1.86 0.00	31.91 -0.88 0.00	32.07 -1.20 0.00	31.32 -1.34 0.00	31.40 -1.31 0.00	35.16 -0.94 0.00	48.37 -1.60 0.00	60.44 -3.72 0.00	51.28 -2.25 0.00	42.71 -1.46 0.00	40.72 -0.66 0.00	38.58 -0.55 -0.05	39.11 -0.43 -0.02	37.67 -0.57 -0.10	36.81 -1.37 -0.10	37.74 -2.36 -0.02	44.53 -3.30 0.00	58.10 -4.51 0.00	69.69 -4.13 0.00	70.28 -3.94 0.00	55.65 -2.62 0.00	48.50 -1.29 0.00	42.84 -1.37 0.00	39.76 -0.69 0.00
CHATEAUG_35_KV_LOAD 355732	33.76 0.00 0.00	32.86 0.07 0.00	33.20 -0.07 0.00	32.66 0.00 0.00	32.68 -0.03 0.00	36.03 -0.07 0.00	49.87 -0.10 0.00	64.03 -0.13 0.00	53.47 -0.05 0.00	44.08 -0.09 0.00	41.30 -0.08 0.00	39.11 0.04 0.00	39.60 0.08 0.00	38.19 0.04 0.00	38.08 0.00 0.00	40.28 0.20 0.00	47.97 0.14 0.00	63.17 0.56 0.00	74.12 0.30 0.00	74.66 0.45 0.00	58.74 0.47 0.00	50.19 0.40 0.00	44.79 0.57 0.00	40.74 0.28 0.00
CHATEAUG_WT_PWR 323614	33.59 -0.17 0.00	32.70 -0.10 0.00	33.06 -0.20 0.00	32.50 -0.16 0.00	32.52 -0.20 0.00	35.81 -0.29 0.00	49.32 -0.65 0.00	63.26 -0.90 0.00	52.83 -0.70 0.00	43.73 -0.44 0.00	40.89 -0.49 0.00	38.80 -0.27 0.00	39.29 -0.24 0.00	38.00 -0.15 0.00	37.89 -0.19 0.00	40.16 0.08 0.00	47.64 -0.19 0.00	62.74 0.13 0.00	73.97 0.15 0.00	74.43 0.22 0.00	58.57 0.29 0.00	50.04 0.25 0.00	44.65 0.44 0.00	40.66 0.20 0.00
CHAT_HIGH_FALL_HYD 323578	33.76 0.00 0.00	32.86 0.07 0.00	33.20 -0.07 0.00	32.66 0.00 0.00	32.68 -0.03 0.00	36.03 -0.07 0.00	49.87 -0.10 0.00	64.03 -0.13 0.00	53.47 -0.05 0.00	44.08 -0.09 0.00	41.30 -0.08 0.00	39.11 0.04 0.00	39.60 0.08 0.00	38.19 0.04 0.00	38.08 0.00 0.00	40.28 0.20 0.00	47.97 0.14 0.00	63.17 0.56 0.00	74.12 0.30 0.00	74.66 0.45 0.00	58.74 0.47 0.00	50.19 0.40 0.00	44.79 0.57 0.00	40.74 0.28 0.00
CHAUTAUQUA___LFGE 323629	31.93 -1.82 0.00	31.91 -0.88 0.00	32.13 -1.13 0.00	31.32 -1.34 0.00	31.47 -1.24 0.00	35.24 -0.87 0.00	48.58 -1.40 0.00	60.76 -3.40 0.00	51.55 -1.98 0.00	42.80 -1.37 0.00	40.89 -0.49 0.00	38.73 -0.39 -0.05	39.27 -0.27 -0.02	37.79 -0.46 -0.10	36.92 -1.26 -0.10	37.86 -2.24 -0.02	44.63 -3.20 0.00	58.35 -4.26 0.00	70.43 -3.39 0.00	70.95 -3.26 0.00	56.18 -2.10 0.00	48.99 -0.80 0.00	43.33 -0.88 0.00	40.29 -0.16 0.00
CHERRYST_13_KV_LD 356241	36.36 2.60 0.00	34.90 2.10 0.00	35.33 2.06 0.00	34.62 1.96 0.00	34.77 2.06 0.00	38.52 2.42 0.00	53.53 3.55 -0.01	68.98 4.81 -0.01	57.33 3.80 -0.01	47.44 3.27 -0.01	44.70 3.31 -0.01	43.51 3.13 -1.31	43.10 3.12 -0.45	43.87 3.13 -2.59	43.96 3.20 -2.69	43.92 3.29 -0.55	51.62 3.78 -0.01	67.25 4.63 -0.01	79.34 5.24 -0.28	79.49 5.27 -0.01	62.06 3.79 0.00	52.83 3.04 -0.01	47.04 2.83 0.00	43.08 2.63 0.00

CHESTROR_138KV_BK263 355645	35.78 2.03 0.00	34.41 1.61 0.00	34.89 1.63 0.00	34.20 1.54 0.00	34.32 1.60 0.00	37.98 1.88 0.00	52.78 2.80 0.00	67.89 3.72 0.00	56.26 2.73 0.00	46.42 2.25 0.00	43.75 2.36 0.00	42.33 2.23 -1.02	42.13 2.25 -0.35	42.42 2.25 -2.02	42.46 2.28 -2.10	42.88 2.36 -0.43	50.56 2.73 0.00	66.12 3.51 0.00	78.15 4.21 -0.13	78.44 4.23 0.00	61.19 2.91 0.00	52.08 2.29 0.00	46.42 2.21 0.00	42.52 2.06 0.00
CH_MIDHUDSON___DRP 24192	35.61 1.86 0.00	34.27 1.48 0.00	34.76 1.50 0.00	34.10 1.44 0.00	34.18 1.47 0.00	37.84 1.73 0.00	52.52 2.55 0.00	67.63 3.46 0.00	56.09 2.57 0.00	46.33 2.16 0.00	43.54 2.15 0.00	41.13 1.99 -0.06	41.56 2.02 -0.02	40.33 2.06 -0.13	40.30 2.09 -0.13	42.31 2.20 -0.03	50.41 2.58 0.00	65.87 3.26 0.00	77.59 3.76 0.00	78.00 3.78 0.00	60.90 2.62 0.00	51.88 2.09 0.00	46.20 1.99 0.00	42.31 1.86 0.00
CH_MISC_IPPS 23765	35.89 2.13 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.05 1.95 0.00	52.97 3.00 0.00	68.21 4.04 0.00	56.47 2.94 0.00	46.60 2.43 0.00	43.62 2.23 0.00	41.62 2.30 -0.25	41.98 2.37 -0.08	40.96 2.33 -0.49	40.94 2.36 -0.50	42.71 2.53 -0.10	50.80 2.97 0.00	66.49 3.88 0.00	78.41 4.58 -0.01	78.81 4.60 0.00	61.54 3.26 0.00	52.38 2.59 0.00	46.64 2.43 0.00	42.68 2.22 0.00
CH_RES_BVR_FALLS 23983	33.12 -0.64 0.00	32.17 -0.62 0.00	32.60 -0.66 0.00	32.08 -0.59 0.00	32.16 -0.56 0.00	35.45 -0.65 0.00	49.12 -0.85 0.00	63.07 -1.09 0.00	52.61 -0.91 0.00	43.38 -0.79 0.00	40.64 -0.74 0.00	38.45 -0.63 0.00	38.89 -0.63 0.00	37.58 -0.57 0.00	37.58 -0.50 0.00	39.72 -0.36 0.00	47.45 -0.38 0.00	62.24 -0.37 0.00	73.38 -0.44 0.00	73.84 -0.37 0.00	57.98 -0.29 0.00	49.54 -0.25 0.00	44.08 -0.13 0.00	40.25 -0.20 0.00
CH_RES_NIAGARA 23895	31.39 -2.36 0.00	31.68 -1.12 0.00	31.80 -1.46 0.00	31.00 -1.67 0.00	30.91 -1.80 0.00	34.37 -1.73 0.00	47.13 -2.85 0.00	58.71 -5.45 0.00	49.67 -3.85 0.00	41.70 -2.47 0.00	39.03 -2.36 0.00	37.91 -1.21 -0.04	38.19 -1.34 -0.01	36.44 -1.79 -0.09	36.07 -2.09 -0.09	36.90 -3.21 -0.02	43.53 -4.30 0.00	56.35 -6.26 0.00	67.55 -6.27 0.00	67.90 -6.31 0.00	54.02 -4.25 0.00	47.30 -2.49 0.00	41.74 -2.48 0.00	39.04 -1.42 0.00
CH_RES_SYRACUSE 23985	33.42 -0.34 0.00	32.57 -0.23 0.00	33.00 -0.27 0.00	32.40 -0.26 0.00	32.45 -0.26 0.00	35.92 -0.18 0.00	49.73 -0.25 0.00	63.91 -0.26 0.00	53.42 -0.11 0.00	44.08 -0.09 0.00	41.39 0.00 0.00	39.14 0.04 -0.03	39.57 0.04 -0.01	38.21 0.00 -0.06	38.02 -0.11 -0.06	39.90 -0.20 -0.01	47.50 -0.33 0.00	62.11 -0.50 0.00	74.21 -0.22 -0.61	74.48 -0.37 -0.64	57.98 -0.41 -0.11	49.44 -0.35 0.00	43.94 -0.36 -0.09	40.17 -0.28 0.00
CLINTON_WT_PWR 323605	33.59 -0.17 0.00	32.70 -0.10 0.00	33.06 -0.20 0.00	32.50 -0.16 0.00	32.52 -0.20 0.00	35.81 -0.29 0.00	49.32 -0.65 0.00	63.26 -0.90 0.00	52.83 -0.70 0.00	43.73 -0.44 0.00	40.89 -0.49 0.00	38.80 -0.27 0.00	39.29 -0.24 0.00	38.00 -0.15 0.00	37.89 -0.19 0.00	40.16 0.08 0.00	47.64 -0.19 0.00	62.74 0.13 0.00	73.97 0.15 0.00	74.43 0.22 0.00	58.57 0.29 0.00	50.04 0.25 0.00	44.65 0.44 0.00	40.66 0.20 0.00
CLINTON___LFGE 323618	33.83 0.07 0.00	32.96 0.16 0.00	33.26 0.00 0.00	32.73 0.07 0.00	32.71 0.00 0.00	36.00 -0.11 0.00	49.57 -0.40 0.00	63.58 -0.58 0.00	53.15 -0.37 0.00	44.13 -0.04 0.00	41.22 -0.16 0.00	39.19 0.12 0.00	39.64 0.12 0.00	38.34 0.19 0.00	38.15 0.08 0.00	40.48 0.40 0.00	47.93 0.10 0.00	63.30 0.69 0.00	74.63 0.81 0.00	75.25 1.04 0.00	59.15 0.88 0.00	50.54 0.75 0.00	45.23 1.02 0.00	41.06 0.61 0.00
COBBLENY_34_KV_TB1 80064	31.90 -1.86 0.00	31.91 -0.89 0.00	32.07 -1.20 0.00	31.29 -1.37 0.00	31.40 -1.31 0.00	34.84 -1.26 0.00	48.28 -1.70 0.00	60.31 -3.85 0.00	50.90 -2.62 0.00	42.54 -1.63 0.00	39.90 -1.49 0.00	38.58 -0.55 -0.05	38.95 -0.59 -0.02	37.22 -1.03 -0.10	36.80 -1.37 -0.10	37.74 -2.36 -0.02	44.53 -3.30 0.00	58.04 -4.57 0.00	69.76 -4.06 0.00	70.28 -3.93 0.00	55.65 -2.62 0.00	48.50 -1.29 0.00	42.84 -1.37 0.00	39.76 -0.69 0.00
COFFEEN___115KV_TB3 355620	34.33 0.57 0.00	33.59 0.79 0.00	33.86 0.60 0.00	33.15 0.49 0.00	33.53 0.82 0.00	36.93 0.83 0.00	51.52 1.55 0.00	66.22 2.05 0.00	55.56 2.03 0.00	45.23 1.06 0.00	42.38 0.99 0.00	39.93 0.86 0.00	40.31 0.79 0.00	38.80 0.65 0.00	38.49 0.42 0.00	41.13 1.04 0.00	49.07 1.24 0.00	64.49 1.88 0.00	77.33 2.88 -0.63	78.65 3.78 -0.66	61.13 2.74 -0.11	51.93 2.14 0.00	45.94 1.64 -0.09	41.71 1.25 0.00
COLDSPRG_115KV_BK1 355956	32.14 -1.62 0.00	32.04 -0.75 0.00	32.30 -0.96 0.00	31.49 -1.18 0.00	31.67 -1.05 0.00	35.20 -0.90 0.00	49.08 -0.90 0.00	61.53 -2.63 0.00	51.81 -1.71 0.00	43.02 -1.15 0.00	40.48 -0.91 0.00	39.05 -0.08 -0.05	39.46 -0.08 -0.02	37.68 -0.57 -0.10	37.27 -0.91 -0.10	38.18 -1.92 -0.02	45.01 -2.82 0.00	58.98 -3.63 0.00	71.46 -2.36 0.00	72.13 -2.08 0.00	56.82 -1.46 0.00	49.44 -0.35 0.00	43.77 -0.44 0.00	40.61 0.16 0.00
COLONIE_LFGE___ 323577	35.01 1.25 0.00	33.85 1.05 0.00	34.39 1.13 0.00	33.81 1.14 0.00	33.83 1.11 0.00	37.29 1.19 0.00	51.72 1.75 0.00	66.54 2.38 0.00	55.35 1.82 0.00	45.54 1.37 0.00	42.34 0.95 0.00	39.54 0.55 0.08	40.05 0.55 0.03	38.52 0.53 0.17	38.78 0.88 0.17	41.01 0.96 0.04	49.46 1.63 0.00	64.74 2.13 0.00	76.10 2.29 0.01	76.14 1.93 0.00	59.85 1.57 0.00	50.98 1.19 0.00	45.14 0.93 0.00	41.30 0.85 0.00
COOPERNY_115KV_TB1 80082	35.41 1.65 0.00	34.14 1.34 0.00	34.66 1.40 0.00	33.97 1.31 0.00	34.09 1.37 0.00	37.69 1.59 0.00	52.32 2.35 0.00	66.92 2.76 0.00	55.61 2.09 0.00	45.89 1.72 0.00	43.17 1.78 0.00	41.37 1.68 -0.62	41.43 1.70 -0.21	41.05 1.68 -1.23	41.06 1.71 -1.27	42.11 1.76 -0.26	49.84 2.01 0.00	65.18 2.57 0.00	76.92 3.03 -0.08	77.26 3.04 0.00	60.43 2.16 0.00	51.53 1.74 0.00	45.85 1.64 0.00	41.99 1.54 0.00
COPENHAGEN_WT_PWR 323753	34.10 0.34 0.00	33.32 0.52 0.00	33.63 0.37 0.00	32.96 0.29 0.00	33.27 0.56 0.00	36.68 0.58 0.00	51.07 1.10 0.00	65.64 1.48 0.00	55.08 1.55 0.00	44.92 0.75 0.00	42.13 0.75 0.00	39.66 0.59 0.00	40.12 0.59 0.00	38.61 0.46 0.00	38.34 0.27 0.00	40.88 0.80 0.00	48.69 0.86 0.00	63.86 1.25 0.00	76.55 2.06 -0.66	77.72 2.82 -0.69	60.43 2.04 -0.12	51.38 1.59 0.00	45.50 1.19 -0.09	41.34 0.89 0.00
CORNELL_____ 23752	33.93 0.17 0.00	33.13 0.33 0.00	33.53 0.27 0.00	32.93 0.26 0.00	32.97 0.26 0.00	36.54 0.43 0.00	50.82 0.85 0.00	65.32 1.15 0.00	54.43 0.91 0.00	44.79 0.62 0.00	41.97 0.58 0.00	39.84 0.70 -0.06	40.22 0.67 -0.02	38.81 0.53 -0.12	38.70 0.49 -0.13	40.51 0.40 -0.03	48.31 0.48 0.00	63.30 0.69 0.00	75.45 1.62 -0.01	75.70 1.48 0.00	59.32 1.05 0.00	50.64 0.85 0.00	44.88 0.66 0.00	41.10 0.65 0.00

CORONA_69_KV_TB1 355595	36.29 2.53 0.00	34.70 1.90 0.00	35.26 2.00 0.00	34.59 1.93 0.00	34.71 2.00 0.00	38.45 2.35 0.00	52.87 2.90 0.00	68.14 3.98 0.00	56.36 2.84 0.00	46.86 2.69 0.00	44.44 3.06 0.00	43.42 3.05 -1.30	42.97 3.00 -0.44	43.70 2.98 -2.58	43.84 3.08 -2.68	43.83 3.21 -0.54	51.13 3.30 0.00	66.61 4.01 0.00	77.88 4.28 0.22	79.03 4.82 0.00	61.25 2.97 0.00	52.08 2.29 0.00	46.47 2.25 0.00	42.97 2.47 -0.05
CORTLAND_115KV_TB3 80093	33.79 0.03 0.00	32.96 0.16 0.00	33.36 0.10 0.00	32.76 0.10 0.00	32.84 0.13 0.00	36.32 0.22 0.00	50.47 0.50 0.00	64.80 0.64 0.00	54.06 0.54 0.00	44.52 0.35 0.00	41.76 0.37 0.00	39.63 0.51 -0.05	40.02 0.47 -0.02	38.59 0.34 -0.10	38.49 0.30 -0.11	40.35 0.24 -0.02	48.02 0.19 0.00	62.86 0.25 0.00	74.63 0.81 0.00	75.03 0.82 0.00	58.74 0.47 0.00	50.19 0.40 0.00	44.48 0.27 0.00	40.78 0.32 0.00
COXSACKIE___GT 23611	35.34 1.59 0.00	34.18 1.38 0.00	34.66 1.40 0.00	34.00 1.34 0.00	34.54 1.83 0.00	38.27 2.17 0.00	53.57 3.60 0.00	68.84 4.68 0.00	56.20 2.68 0.00	45.58 1.41 0.00	42.13 0.75 0.00	39.28 0.24 0.03	40.07 0.55 0.01	38.48 0.38 0.05	38.55 0.53 0.06	40.92 0.84 0.01	49.36 1.53 0.00	65.55 2.94 0.00	77.14 3.32 0.01	77.55 3.34 0.00	60.72 2.45 0.00	51.53 1.74 0.00	45.76 1.55 0.00	41.83 1.38 0.00
CPV_VALLEY___CC1 323721	35.78 2.03 0.00	34.41 1.61 0.00	34.89 1.63 0.00	34.20 1.54 0.00	34.32 1.60 0.00	37.94 1.84 0.00	52.72 2.75 0.00	67.76 3.59 0.00	56.20 2.68 0.00	46.42 2.25 0.00	43.58 2.19 0.00	42.35 2.27 -1.01	42.16 2.29 -0.35	42.39 2.25 -2.00	42.47 2.32 -2.07	42.91 2.40 -0.42	50.56 2.72 0.00	66.12 3.50 0.00	78.15 4.21 -0.12	78.44 4.23 0.00	61.19 2.91 0.00	52.08 2.29 0.00	46.42 2.21 0.00	42.51 2.06 0.00
CPV_VALLEY___CC2 323722	35.78 2.03 0.00	34.41 1.61 0.00	34.89 1.63 0.00	34.20 1.54 0.00	34.32 1.60 0.00	37.94 1.84 0.00	52.72 2.75 0.00	67.76 3.59 0.00	56.20 2.68 0.00	46.42 2.25 0.00	43.58 2.19 0.00	42.35 2.27 -1.01	42.16 2.29 -0.35	42.39 2.25 -2.00	42.47 2.32 -2.07	42.91 2.40 -0.42	50.56 2.72 0.00	66.12 3.50 0.00	78.15 4.21 -0.12	78.44 4.23 0.00	61.19 2.91 0.00	52.08 2.29 0.00	46.42 2.21 0.00	42.51 2.06 0.00
CRESCENT___HYD 24018	35.01 1.25 0.00	33.85 1.05 0.00	34.39 1.13 0.00	33.81 1.14 0.00	33.83 1.11 0.00	37.29 1.19 0.00	51.72 1.75 0.00	66.54 2.38 0.00	55.35 1.82 0.00	45.54 1.37 0.00	42.34 0.95 0.00	39.54 0.55 0.08	40.05 0.55 0.03	38.52 0.53 0.17	38.78 0.88 0.17	41.01 0.96 0.04	49.46 1.63 0.00	64.74 2.13 0.00	76.10 2.29 0.01	76.14 1.93 0.00	59.85 1.57 0.00	50.98 1.19 0.00	45.14 0.93 0.00	41.30 0.85 0.00
CRICKET___VALLEY_CC1 323756	35.24 1.48 0.00	33.88 1.08 0.00	34.39 1.13 0.00	33.71 1.05 0.00	33.83 1.11 0.00	37.33 1.23 0.00	51.82 1.85 0.00	66.66 2.50 0.00	55.35 1.82 0.00	45.80 1.64 0.00	42.92 1.53 0.00	40.39 1.56 0.25	41.02 1.58 0.09	39.21 1.56 0.50	39.23 1.67 0.52	41.74 1.76 0.11	49.89 2.06 0.00	65.05 2.44 0.00	76.45 2.65 0.02	76.88 2.67 0.00	60.08 1.81 0.00	51.23 1.44 0.00	45.63 1.41 0.00	41.79 1.33 0.00
CRICKET___VALLEY_CC2 323757	35.24 1.48 0.00	33.88 1.08 0.00	34.39 1.13 0.00	33.71 1.05 0.00	33.83 1.11 0.00	37.33 1.23 0.00	51.82 1.85 0.00	66.66 2.50 0.00	55.35 1.82 0.00	45.80 1.64 0.00	42.92 1.53 0.00	40.39 1.56 0.25	41.02 1.58 0.09	39.21 1.56 0.50	39.23 1.67 0.52	41.74 1.76 0.11	49.89 2.06 0.00	65.05 2.44 0.00	76.45 2.65 0.02	76.88 2.67 0.00	60.08 1.81 0.00	51.23 1.44 0.00	45.63 1.41 0.00	41.79 1.33 0.00
CRICKET___VALLEY_CC3 323758	35.24 1.48 0.00	33.88 1.08 0.00	34.39 1.13 0.00	33.71 1.05 0.00	33.83 1.11 0.00	37.33 1.23 0.00	51.82 1.85 0.00	66.66 2.50 0.00	55.35 1.82 0.00	45.80 1.64 0.00	42.92 1.53 0.00	40.39 1.56 0.25	41.02 1.58 0.09	39.21 1.56 0.50	39.23 1.67 0.52	41.74 1.76 0.11	49.89 2.06 0.00	65.05 2.44 0.00	76.45 2.65 0.02	76.88 2.67 0.00	60.08 1.81 0.00	51.23 1.44 0.00	45.63 1.41 0.00	41.79 1.33 0.00
CRUCIBLE_METL_DRP 24180	33.42 -0.34 0.00	32.57 -0.23 0.00	33.00 -0.27 0.00	32.40 -0.26 0.00	32.45 -0.26 0.00	35.89 -0.22 0.00	49.72 -0.25 0.00	63.91 -0.26 0.00	53.36 -0.16 0.00	44.04 -0.13 0.00	41.30 -0.08 0.00	39.14 0.04 -0.03	39.53 0.00 -0.01	38.13 -0.08 -0.06	38.02 -0.11 -0.06	39.90 -0.20 -0.01	47.50 -0.33 0.00	62.11 -0.50 0.00	74.21 -0.22 -0.61	74.48 -0.37 -0.64	57.98 -0.41 -0.11	49.44 -0.35 0.00	43.95 -0.35 -0.09	40.17 -0.28 0.00
DAHOWA___HYDRO 323763	35.18 1.42 0.00	34.04 1.25 0.00	34.63 1.36 0.00	34.04 1.37 0.00	34.05 1.34 0.00	37.58 1.48 0.00	52.17 2.20 0.00	67.31 3.14 0.00	55.88 2.35 0.00	45.71 1.55 0.00	42.30 0.91 0.00	39.62 0.62 0.08	40.17 0.67 0.03	38.64 0.65 0.16	38.82 0.91 0.16	41.17 1.12 0.03	49.65 1.82 0.00	65.24 2.63 0.00	76.84 3.03 0.01	76.96 2.75 0.00	60.37 2.09 0.00	51.33 1.55 0.00	45.54 1.33 0.00	41.66 1.21 0.00
DANC___LFGE 323619	33.69 -0.07 0.00	32.90 0.10 0.00	33.26 0.00 0.00	32.60 -0.07 0.00	32.81 0.10 0.00	36.25 0.14 0.00	50.33 0.35 0.00	64.67 0.51 0.00	54.17 0.64 0.00	44.39 0.22 0.00	41.64 0.25 0.00	39.23 0.16 0.00	39.68 0.16 0.00	38.23 0.08 0.00	37.96 -0.11 0.00	40.29 0.20 0.00	47.93 0.10 0.00	62.80 0.19 0.00	75.32 0.66 -0.84	76.20 1.11 -0.88	59.18 0.76 -0.15	50.34 0.55 0.00	44.73 0.40 -0.12	40.70 0.24 0.00
DANSKAMMER___1 23586	35.89 2.13 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.05 1.95 0.00	52.97 3.00 0.00	68.21 4.04 0.00	56.47 2.94 0.00	46.60 2.43 0.00	43.62 2.23 0.00	41.62 2.30 -0.25	41.98 2.37 -0.08	40.96 2.33 -0.49	40.94 2.36 -0.50	42.71 2.53 -0.10	50.80 2.97 0.00	66.49 3.88 0.00	78.41 4.58 -0.01	78.81 4.60 0.00	61.54 3.26 0.00	52.38 2.59 0.00	46.64 2.43 0.00	42.68 2.22 0.00
DANSKAMMER___2 23589	35.89 2.13 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.05 1.95 0.00	52.97 3.00 0.00	68.21 4.04 0.00	56.47 2.94 0.00	46.60 2.43 0.00	43.62 2.23 0.00	41.62 2.30 -0.25	41.98 2.37 -0.08	40.96 2.33 -0.49	40.94 2.36 -0.50	42.71 2.53 -0.10	50.80 2.97 0.00	66.49 3.88 0.00	78.41 4.58 -0.01	78.81 4.60 0.00	61.54 3.26 0.00	52.38 2.59 0.00	46.64 2.43 0.00	42.68 2.22 0.00
DANSKAMMER___3 23590	35.89 2.13 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.05 1.95 0.00	52.97 3.00 0.00	68.21 4.04 0.00	56.47 2.94 0.00	46.60 2.43 0.00	43.62 2.23 0.00	41.62 2.30 -0.25	41.98 2.37 -0.08	40.96 2.33 -0.49	40.94 2.36 -0.50	42.71 2.53 -0.10	50.80 2.97 0.00	66.49 3.88 0.00	78.41 4.58 -0.01	78.81 4.60 0.00	61.54 3.26 0.00	52.38 2.59 0.00	46.64 2.43 0.00	42.68 2.22 0.00

DANSKAMMER___4 23591	35.89 2.13 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.05 1.95 0.00	52.97 3.00 0.00	68.21 4.04 0.00	56.47 2.94 0.00	46.60 2.43 0.00	43.62 2.23 0.00	41.62 2.30 -0.25	41.98 2.37 -0.08	40.96 2.33 -0.49	40.94 2.36 -0.50	42.71 2.53 -0.10	50.80 2.97 0.00	66.49 3.88 0.00	78.41 4.58 -0.01	78.81 4.60 0.00	61.54 3.26 0.00	52.38 2.59 0.00	46.64 2.43 0.00	42.68 2.22 0.00
DANSKAMMER___DIESEL 23592	35.88 2.13 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.12 2.02 0.00	52.97 3.00 0.00	68.27 4.11 0.00	56.58 3.05 0.00	46.64 2.47 0.00	43.87 2.48 0.00	41.63 2.31 -0.25	41.94 2.33 -0.08	41.00 2.37 -0.49	40.94 2.36 -0.50	42.71 2.53 -0.10	50.80 2.97 0.00	66.49 3.88 0.00	78.41 4.58 -0.01	78.81 4.60 0.00	61.54 3.26 0.00	52.38 2.59 0.00	46.64 2.43 0.00	42.68 2.22 0.00
DARBY___SOLAR 323810	35.11 1.35 0.00	33.98 1.18 0.00	34.56 1.30 0.00	33.97 1.31 0.00	33.99 1.27 0.00	37.51 1.41 0.00	52.07 2.10 0.00	67.12 2.95 0.00	55.72 2.20 0.00	45.67 1.50 0.00	42.26 0.87 0.00	39.58 0.59 0.08	40.13 0.63 0.03	38.56 0.57 0.16	38.79 0.88 0.16	41.09 1.04 0.03	49.55 1.72 0.00	65.12 2.51 0.00	76.69 2.88 0.01	76.74 2.52 0.00	60.19 1.92 0.00	51.23 1.44 0.00	45.45 1.24 0.00	41.58 1.13 0.00
DASHVILLE___HYD 23610	35.61 1.86 0.00	34.24 1.44 0.00	34.73 1.46 0.00	34.04 1.37 0.00	34.18 1.47 0.00	37.80 1.70 0.00	52.57 2.60 0.00	67.76 3.59 0.00	56.04 2.52 0.00	46.20 2.03 0.00	43.41 2.03 0.00	40.84 1.64 -0.13	41.27 1.70 -0.04	40.15 1.75 -0.25	40.05 1.71 -0.26	41.98 1.84 -0.05	50.27 2.44 0.00	65.87 3.26 0.00	77.22 3.40 0.00	78.07 3.86 0.00	60.95 2.68 0.00	51.93 2.14 0.00	46.25 2.03 0.00	42.35 1.90 0.00
DELAWARE___LFGE 323621	34.57 0.81 0.00	33.52 0.72 0.00	34.09 0.83 0.00	33.45 0.78 0.00	33.50 0.79 0.00	37.01 0.90 0.00	51.37 1.40 0.00	66.02 1.86 0.00	55.02 1.50 0.00	45.32 1.15 0.00	42.59 1.20 0.00	40.33 1.13 -0.12	40.67 1.11 -0.04	39.45 1.07 -0.23	39.35 1.03 -0.24	41.26 1.12 -0.05	49.17 1.34 0.00	64.30 1.69 0.00	75.83 1.99 -0.01	76.36 2.15 0.00	59.85 1.57 0.00	51.13 1.34 0.00	45.36 1.15 0.00	41.54 1.09 0.00
DERFIELD_115KV_TB7 355931	33.93 0.17 0.00	32.93 0.13 0.00	33.43 0.17 0.00	32.80 0.13 0.00	32.88 0.16 0.00	36.28 0.18 0.00	50.22 0.25 0.00	64.55 0.38 0.00	53.85 0.32 0.00	44.39 0.22 0.00	41.59 0.21 0.00	39.23 0.16 0.00	39.68 0.16 0.00	38.30 0.15 0.00	38.23 0.15 0.00	40.28 0.20 0.00	48.02 0.19 0.00	62.80 0.19 0.00	74.04 0.22 0.00	74.51 0.30 0.00	58.51 0.23 0.00	49.94 0.15 0.00	44.34 0.13 0.00	40.57 0.12 0.00
DOGLEVILLE___HYD 23807	35.14 1.38 0.00	34.14 1.34 0.00	34.63 1.36 0.00	33.97 1.31 0.00	34.12 1.41 0.00	37.66 1.55 0.00	52.17 2.20 0.00	66.92 2.76 0.00	55.88 2.36 0.00	46.02 1.86 0.00	43.21 1.82 0.00	40.79 1.72 0.00	41.22 1.70 0.00	39.75 1.60 0.00	39.64 1.56 0.00	41.81 1.72 0.00	49.84 2.01 0.00	65.12 2.50 0.00	76.85 3.03 0.00	77.55 3.34 0.00	60.78 2.51 0.00	52.03 2.24 0.00	46.11 1.90 0.00	42.23 1.78 0.00
DUNKIRK___115KV_TB_200 55889	31.97 -1.79 0.00	31.95 -0.85 0.00	32.17 -1.10 0.00	31.36 -1.31 0.00	31.50 -1.21 0.00	34.98 -1.12 0.00	48.53 -1.45 0.00	60.70 -3.46 0.00	51.17 -2.36 0.00	42.67 -1.50 0.00	40.06 -1.32 0.00	38.77 -0.35 -0.05	39.11 -0.43 -0.02	37.37 -0.88 -0.10	36.96 -1.22 -0.10	37.86 -2.24 -0.02	44.63 -3.20 0.00	58.35 -4.26 0.00	70.42 -3.40 0.00	70.95 -3.27 0.00	56.12 -2.16 0.00	48.89 -0.90 0.00	43.28 -0.93 0.00	40.25 -0.20 0.00
DUNKIRK___1 23563	31.97 -1.79 0.00	31.95 -0.85 0.00	32.17 -1.10 0.00	31.36 -1.31 0.00	31.50 -1.21 0.00	34.98 -1.12 0.00	48.53 -1.45 0.00	60.70 -3.46 0.00	51.17 -2.36 0.00	42.67 -1.50 0.00	40.06 -1.32 0.00	38.77 -0.35 -0.05	39.11 -0.43 -0.02	37.37 -0.88 -0.10	36.96 -1.22 -0.10	37.86 -2.24 -0.02	44.63 -3.20 0.00	58.35 -4.26 0.00	70.42 -3.40 0.00	70.95 -3.27 0.00	56.12 -2.16 0.00	48.89 -0.90 0.00	43.28 -0.93 0.00	40.25 -0.20 0.00
DUNKIRK___2 23564	31.97 -1.79 0.00	31.95 -0.85 0.00	32.17 -1.10 0.00	31.36 -1.31 0.00	31.50 -1.21 0.00	34.98 -1.12 0.00	48.53 -1.45 0.00	60.70 -3.46 0.00	51.17 -2.36 0.00	42.67 -1.50 0.00	40.06 -1.32 0.00	38.77 -0.35 -0.05	39.11 -0.43 -0.02	37.37 -0.88 -0.10	36.96 -1.22 -0.10	37.86 -2.24 -0.02	44.63 -3.20 0.00	58.35 -4.26 0.00	70.42 -3.40 0.00	70.95 -3.27 0.00	56.12 -2.16 0.00	48.89 -0.90 0.00	43.28 -0.93 0.00	40.25 -0.20 0.00
DUNKIRK___3 23565	31.94 -1.82 0.00	31.88 -0.92 0.00	32.07 -1.20 0.00	31.29 -1.37 0.00	31.44 -1.28 0.00	34.88 -1.23 0.00	48.33 -1.65 0.00	60.44 -3.72 0.00	50.96 -2.57 0.00	42.49 -1.68 0.00	39.94 -1.45 0.00	38.61 -0.51 -0.05	38.95 -0.59 -0.02	37.21 -1.03 -0.10	36.84 -1.33 -0.10	37.74 -2.36 -0.02	44.53 -3.30 0.00	58.10 -4.51 0.00	70.06 -3.76 0.00	70.58 -3.64 0.00	55.83 -2.45 0.00	48.59 -1.19 0.00	42.97 -1.24 0.00	39.97 -0.49 0.00
DUNKIRK___4 23566	31.94 -1.82 0.00	31.88 -0.92 0.00	32.07 -1.20 0.00	31.29 -1.37 0.00	31.44 -1.28 0.00	34.88 -1.23 0.00	48.33 -1.65 0.00	60.44 -3.72 0.00	50.96 -2.57 0.00	42.49 -1.68 0.00	39.94 -1.45 0.00	38.61 -0.51 -0.05	38.95 -0.59 -0.02	37.21 -1.03 -0.10	36.84 -1.33 -0.10	37.74 -2.36 -0.02	44.53 -3.30 0.00	58.10 -4.51 0.00	70.06 -3.76 0.00	70.58 -3.64 0.00	55.83 -2.45 0.00	48.59 -1.19 0.00	42.97 -1.24 0.00	39.97 -0.49 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.05 2.30 0.00	34.64 1.84 0.00	35.09 1.83 0.00	34.40 1.73 0.00	34.54 1.83 0.00	38.23 2.13 0.00	53.02 3.05 0.00	68.40 4.23 0.00	56.79 3.27 0.00	46.95 2.78 0.00	44.28 2.90 0.00	43.04 2.66 -1.31	42.69 2.73 -0.44	43.44 2.71 -2.59	43.50 2.74 -2.68	43.47 2.85 -0.54	51.08 3.25 0.00	66.62 4.01 0.00	78.43 4.65 0.04	78.89 4.68 0.00	61.60 3.32 0.00	52.43 2.64 0.00	46.73 2.52 0.00	42.76 2.31 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.92 2.16 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.41 1.70 0.00	38.12 2.02 0.00	52.97 3.00 0.00	68.27 4.11 0.00	56.58 3.05 0.00	46.64 2.47 0.00	43.91 2.52 0.00	42.00 2.38 -0.55	42.12 2.41 -0.19	41.67 2.44 -1.08	41.63 2.44 -1.12	42.88 2.57 -0.23	50.80 2.97 0.00	66.49 3.88 0.00	78.53 4.65 -0.06	78.89 4.68 0.00	61.54 3.26 0.00	52.38 2.59 0.00	46.64 2.43 0.00	42.68 2.22 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.50 2.73 -0.01	35.07 2.26 -0.01	35.53 2.26 -0.01	34.83 2.16 -0.01	34.98 2.26 -0.01	38.67 2.56 -0.01	53.78 3.80 -0.01	68.73 4.56 -0.01	56.85 3.32 -0.01	47.22 3.05 0.00	44.49 3.10 0.00	43.31 2.93 -1.30	42.93 2.96 -0.44	43.67 2.94 -2.58	43.76 3.01 -2.68	43.75 3.13 -0.54	51.38 3.54 -0.01	66.75 4.13 -0.01	78.38 4.36 -0.20	78.97 4.75 -0.01	61.60 3.32 0.00	52.83 3.04 -0.01	47.00 2.79 -0.01	43.25 2.79 -0.01

E179THST_13_KV_LOAD 356214	36.64 2.87 -0.01	35.20 2.39 -0.01	35.67 2.39 -0.01	34.96 2.29 -0.01	35.08 2.36 -0.01	38.82 2.71 -0.01	53.98 4.00 -0.01	68.98 4.81 -0.01	57.06 3.53 -0.01	47.44 3.27 0.00	44.69 3.31 0.00	43.50 3.13 -1.30	43.13 3.16 -0.44	43.86 3.13 -2.58	43.95 3.20 -2.68	43.91 3.29 -0.54	51.62 3.78 -0.01	67.06 4.45 -0.01	78.75 4.72 -0.20	79.34 5.12 -0.01	61.89 3.61 0.00	53.08 3.29 -0.01	47.23 3.01 -0.01	43.41 2.95 -0.01
EAST HAMPTON___GT 23717	35.82 2.06 0.00	34.08 1.28 0.00	34.72 1.46 0.00	34.10 1.44 0.00	34.25 1.54 0.00	37.51 1.41 0.00	51.07 1.10 0.00	65.31 1.16 0.01	54.05 0.54 0.01	45.05 0.88 0.00	42.29 0.91 0.00	38.96 1.01 1.13	35.19 0.99 5.32	34.39 0.88 4.63	34.59 1.22 4.70	37.28 1.28 4.08	49.39 1.58 0.01	64.67 2.06 0.00	71.58 0.96 3.20	77.25 3.04 0.00	60.01 1.75 0.01	51.08 1.29 0.00	45.09 0.88 0.01	42.02 1.58 0.00
EAST RIVER___6 23660	36.26 2.50 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.34 2.24 0.00	53.38 3.40 -0.01	68.59 4.42 -0.01	57.06 3.53 -0.01	47.27 3.09 -0.01	44.37 2.98 -0.01	43.47 3.09 -1.31	43.06 3.08 -0.45	43.75 3.01 -2.59	43.92 3.16 -2.69	43.88 3.25 -0.55	51.57 3.73 -0.01	67.06 4.45 -0.01	79.12 5.02 -0.28	79.27 5.05 -0.01	61.89 3.61 0.00	52.73 2.94 -0.01	46.96 2.74 0.00	43.00 2.55 0.00
EAST RIVER___7 23524	36.26 2.50 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.34 2.24 0.00	53.38 3.40 -0.01	68.59 4.42 -0.01	57.06 3.53 -0.01	47.27 3.09 -0.01	44.37 2.98 -0.01	43.47 3.09 -1.31	43.06 3.08 -0.45	43.75 3.01 -2.59	43.92 3.16 -2.69	43.88 3.25 -0.55	51.57 3.73 -0.01	67.06 4.45 -0.01	79.12 5.02 -0.28	79.27 5.05 -0.01	61.89 3.61 0.00	52.73 2.94 -0.01	46.96 2.74 0.00	43.00 2.55 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.02 2.26 0.00	34.60 1.80 0.00	35.06 1.80 0.00	34.36 1.70 0.00	34.51 1.80 0.00	38.20 2.09 0.00	52.98 3.00 0.00	68.27 4.11 0.00	56.69 3.16 0.00	46.87 2.69 0.00	44.16 2.77 0.00	42.97 2.58 -1.32	42.58 2.61 -0.45	43.35 2.59 -2.61	43.45 2.67 -2.71	43.40 2.77 -0.55	50.99 3.16 0.00	66.50 3.88 0.00	78.50 4.50 -0.18	78.74 4.53 0.00	61.48 3.21 0.00	52.33 2.54 0.00	46.64 2.43 0.00	42.72 2.27 0.00
EAST_HAMPTON___DIESEL 23722	35.75 1.99 0.00	34.01 1.21 0.00	34.66 1.40 0.00	34.04 1.37 0.00	34.15 1.44 0.00	37.44 1.34 0.00	50.92 0.95 0.00	65.12 0.96 0.01	53.89 0.38 0.01	44.92 0.75 0.00	42.17 0.78 0.00	38.84 0.90 1.13	35.07 0.87 5.32	34.28 0.76 4.63	34.48 1.10 4.70	37.16 1.16 4.08	49.25 1.43 0.01	64.48 1.88 0.00	71.36 0.74 3.20	77.10 2.89 0.00	59.90 1.63 0.01	50.93 1.15 0.00	45.00 0.80 0.01	41.95 1.50 0.00
EAST_POINT___SOLAR 323840	35.04 1.28 0.00	34.01 1.21 0.00	34.59 1.33 0.00	34.04 1.37 0.00	34.09 1.37 0.00	37.80 1.70 0.00	52.77 2.80 0.00	67.95 3.78 0.00	55.51 1.98 0.00	44.70 0.53 0.00	41.18 -0.21 0.00	38.76 -0.27 0.04	39.15 -0.36 0.01	37.72 -0.34 0.09	38.02 0.04 0.09	40.75 0.68 0.02	49.41 1.58 0.00	65.62 3.01 0.00	77.73 3.91 0.00	77.99 3.78 0.00	61.07 2.80 0.00	51.98 2.19 0.00	46.07 1.86 0.00	42.11 1.66 0.00
EAST_PULASKI___ESR 323781	33.35 -0.40 0.00	32.50 -0.30 0.00	32.90 -0.37 0.00	32.31 -0.36 0.00	32.42 -0.29 0.00	35.85 -0.25 0.00	49.63 -0.35 0.00	63.78 -0.38 0.00	53.36 -0.16 0.00	43.91 -0.26 0.00	41.18 -0.21 0.00	38.84 -0.23 0.00	39.29 -0.24 0.00	37.88 -0.27 0.00	37.69 -0.38 0.00	39.76 -0.32 0.00	47.21 -0.62 0.00	61.67 -0.94 0.00	74.41 -0.67 -1.26	74.93 -0.60 -1.31	57.97 -0.53 -0.23	49.34 -0.45 0.00	44.08 -0.31 -0.18	40.13 -0.33 0.00
EAST_RIVER___1 323558	36.29 2.53 0.00	34.80 2.00 0.00	35.26 2.00 0.00	34.56 1.89 0.00	34.71 2.00 0.00	38.34 2.24 0.00	53.38 3.40 -0.01	68.66 4.49 -0.01	57.01 3.48 -0.01	47.22 3.05 -0.01	44.29 2.90 -0.01	43.35 2.97 -1.31	42.98 3.00 -0.45	43.68 2.94 -2.59	43.81 3.05 -2.69	43.80 3.17 -0.55	51.43 3.59 -0.01	67.00 4.38 -0.01	79.12 5.02 -0.28	79.27 5.05 -0.01	61.89 3.61 0.00	52.73 2.94 -0.01	46.96 2.74 0.00	43.00 2.55 0.00
EAST_RIVER___2 323559	36.26 2.50 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.34 2.24 0.00	53.38 3.40 -0.01	68.59 4.42 -0.01	57.06 3.53 -0.01	47.27 3.09 -0.01	44.37 2.98 -0.01	43.47 3.09 -1.31	43.06 3.08 -0.45	43.75 3.01 -2.59	43.92 3.16 -2.69	43.88 3.25 -0.55	51.57 3.73 -0.01	67.06 4.45 -0.01	79.12 5.02 -0.28	79.27 5.05 -0.01	61.89 3.61 0.00	52.73 2.94 -0.01	46.96 2.74 0.00	43.00 2.55 0.00
EAST___DELAWARE_HYD 23607	36.12 2.36 0.00	34.80 2.00 0.00	35.26 2.00 0.00	34.53 1.86 0.00	34.71 2.00 0.00	38.38 2.28 0.00	53.58 3.60 0.00	71.22 7.06 0.00	58.99 5.46 0.00	48.41 4.24 0.00	45.36 3.97 0.00	43.32 3.94 -0.30	43.70 4.07 -0.10	42.63 3.89 -0.59	42.42 3.73 -0.61	44.30 4.09 -0.12	52.85 5.02 0.00	69.44 6.83 0.00	82.19 8.34 -0.03	82.96 8.75 0.00	64.57 6.30 0.00	54.87 5.08 0.00	48.77 4.55 0.00	44.50 4.04 0.00
EIGHT_POINT___WT_PWR 323820	31.56 -2.19 0.00	31.42 -1.38 0.00	31.63 -1.63 0.00	31.00 -1.66 0.00	31.05 -1.67 0.00	34.77 -1.34 0.00	48.18 -1.80 0.00	61.02 -3.14 0.00	51.28 -2.25 0.00	42.32 -1.85 0.00	40.18 -1.20 0.00	38.12 -1.02 -0.06	38.59 -0.95 -0.02	37.24 -1.03 -0.12	36.63 -1.56 -0.12	37.83 -2.28 -0.02	44.87 -2.97 0.00	58.92 -3.69 0.00	71.10 -2.73 -0.01	71.17 -3.05 0.00	56.18 -2.10 0.00	48.59 -1.20 0.00	43.06 -1.15 0.00	39.89 -0.57 0.00
ELBRIDGE_115KV_TB2 80188	33.25 -0.51 0.00	32.40 -0.39 0.00	32.83 -0.43 0.00	32.24 -0.42 0.00	32.29 -0.43 0.00	35.71 -0.40 0.00	49.47 -0.50 0.00	63.52 -0.64 0.00	53.04 -0.48 0.00	43.77 -0.40 0.00	41.05 -0.33 0.00	38.91 -0.20 -0.03	39.30 -0.24 -0.01	37.91 -0.31 -0.06	37.80 -0.34 -0.07	39.62 -0.48 -0.01	47.21 -0.62 0.00	61.73 -0.88 0.00	73.78 -0.66 -0.63	74.05 -0.82 -0.65	57.69 -0.70 -0.11	49.19 -0.60 0.00	43.73 -0.57 -0.09	39.97 -0.49 0.00
ELEC_TRO_TEK 24086	36.09 2.33 0.00	34.50 1.71 0.00	35.03 1.76 0.00	34.36 1.70 0.00	34.51 1.80 0.00	38.23 2.13 0.00	52.62 2.65 0.00	67.81 3.66 0.01	56.09 2.57 0.01	46.64 2.47 0.00	44.20 2.81 0.00	43.19 2.81 -1.30	42.73 2.77 -0.44	43.51 2.78 -2.58	43.65 2.89 -2.68	43.59 2.97 -0.54	50.89 3.06 0.01	66.18 3.57 0.00	76.96 3.84 0.70	78.44 4.23 0.00	60.78 2.51 0.00	51.73 1.94 0.00	46.16 1.95 0.00	42.74 2.27 -0.02
ELLENBURG_WT_PWR 323604	33.59 -0.17 0.00	32.70 -0.10 0.00	33.06 -0.20 0.00	32.50 -0.16 0.00	32.52 -0.20 0.00	35.81 -0.29 0.00	49.32 -0.65 0.00	63.26 -0.90 0.00	52.83 -0.70 0.00	43.73 -0.44 0.00	40.89 -0.49 0.00	38.80 -0.27 0.00	39.29 -0.24 0.00	38.00 -0.15 0.00	37.89 -0.19 0.00	40.16 0.08 0.00	47.64 -0.19 0.00	62.74 0.13 0.00	73.97 0.15 0.00	74.43 0.22 0.00	58.57 0.29 0.00	50.04 0.25 0.00	44.65 0.44 0.00	40.66 0.20 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.83 -1.92 0.00	31.85 -0.95 0.00	32.00 -1.26 0.00	31.19 -1.47 0.00	31.34 -1.37 0.00	34.73 -1.37 0.00	47.98 -2.00 0.00	59.86 -4.30 0.00	50.58 -2.94 0.00	42.31 -1.86 0.00	39.69 -1.70 0.00	38.46 -0.66 -0.05	38.79 -0.75 -0.02	37.02 -1.22 -0.09	36.65 -1.52 -0.09	37.54 -2.57 -0.02	44.29 -3.54 0.00	57.60 -5.01 0.00	69.17 -4.65 0.00	69.61 -4.60 0.00	55.19 -3.09 0.00	48.15 -1.64 0.00	42.53 -1.68 0.00	39.60 -0.85 0.00
EMPIRE_CC_1 323656	34.70 0.94 0.00	33.52 0.72 0.00	34.06 0.80 0.00	33.45 0.78 0.00	33.47 0.75 0.00	36.86 0.76 0.00	51.03 1.05 0.00	65.51 1.35 0.00	54.43 0.91 0.00	44.92 0.75 0.00	41.76 0.37 0.00	39.01 0.04 0.11	39.53 0.04 0.04	38.01 0.08 0.21	38.27 0.42 0.22	40.48 0.44 0.05	48.74 0.91 0.00	63.61 1.00 0.00	74.70 0.89 0.01	74.80 0.59 0.00	58.86 0.58 0.00	50.14 0.35 0.00	44.48 0.27 0.00	40.82 0.36 0.00
EMPIRE_CC_2 323658	34.70 0.94 0.00	33.52 0.72 0.00	34.06 0.80 0.00	33.45 0.78 0.00	33.47 0.75 0.00	36.86 0.76 0.00	51.03 1.05 0.00	65.51 1.35 0.00	54.43 0.91 0.00	44.92 0.75 0.00	41.76 0.37 0.00	39.01 0.04 0.11	39.53 0.04 0.04	38.01 0.08 0.21	38.27 0.42 0.22	40.48 0.44 0.05	48.74 0.91 0.00	63.61 1.00 0.00	74.70 0.89 0.01	74.80 0.59 0.00	58.86 0.58 0.00	50.14 0.35 0.00	44.48 0.27 0.00	40.82 0.36 0.00
ENORWICH_115KV_TB1 80156	34.94 1.18 0.00	34.18 1.38 0.00	34.53 1.26 0.00	33.84 1.18 0.00	34.18 1.47 0.00	37.84 1.73 0.00	52.97 3.00 0.00	68.08 3.91 0.00	57.06 3.53 0.00	46.60 2.43 0.00	43.70 2.32 0.00	41.50 2.34 -0.09	41.85 2.29 -0.03	40.34 2.02 -0.17	40.04 1.79 -0.18	42.08 1.96 -0.04	50.37 2.54 0.00	66.18 3.57 0.00	79.00 5.17 -0.01	80.00 5.79 0.00	62.47 4.20 0.00	53.23 3.44 0.00	46.95 2.74 0.00	42.84 2.39 0.00
ERIE_ST__34_KV_TB1-2 80199	31.70 -2.06 0.00	31.65 -1.15 0.00	31.80 -1.46 0.00	31.06 -1.60 0.00	31.21 -1.50 0.00	34.62 -1.48 0.00	47.98 -2.00 0.00	59.99 -4.17 0.00	50.58 -2.94 0.00	42.18 -1.99 0.00	39.65 -1.74 0.00	38.38 -0.74 -0.05	38.71 -0.83 -0.02	36.98 -1.26 -0.09	36.57 -1.60 -0.10	37.50 -2.61 -0.02	44.20 -3.64 0.00	57.73 -4.88 0.00	69.39 -4.43 0.00	69.98 -4.23 0.00	55.30 -2.97 0.00	48.15 -1.64 0.00	42.58 -1.64 0.00	39.52 -0.93 0.00
ERIE_WT_PWR 323693	31.87 -1.89 0.00	31.88 -0.92 0.00	32.03 -1.23 0.00	31.26 -1.40 0.00	31.37 -1.34 0.00	35.13 -0.97 0.00	48.22 -1.75 0.00	60.18 -3.98 0.00	51.12 -2.41 0.00	42.58 -1.59 0.00	40.64 -0.74 0.00	38.50 -0.63 -0.05	39.02 -0.51 -0.02	37.59 -0.65 -0.09	36.73 -1.45 -0.10	37.66 -2.45 -0.02	44.39 -3.44 0.00	57.85 -4.76 0.00	69.47 -4.36 0.00	69.98 -4.23 0.00	55.42 -2.85 0.00	48.34 -1.45 0.00	42.71 -1.50 0.00	39.73 -0.73 0.00
ESPRGFLD_115KV_TB1 80157	34.47 0.71 0.00	33.45 0.66 0.00	34.03 0.77 0.00	33.38 0.72 0.00	33.50 0.79 0.00	37.08 0.97 0.00	51.72 1.75 0.00	66.47 2.31 0.00	55.13 1.61 0.00	44.96 0.80 0.00	42.01 0.62 0.00	39.70 0.63 0.00	40.08 0.55 0.00	38.64 0.50 0.00	38.49 0.42 0.00	40.81 0.72 0.00	48.93 1.10 0.00	64.43 1.82 0.00	76.26 2.44 0.00	76.81 2.60 0.00	60.08 1.81 0.00	51.28 1.49 0.00	45.45 1.24 0.00	41.54 1.09 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.89 0.14 0.00	33.09 0.30 0.00	33.50 0.23 0.00	32.89 0.23 0.00	32.94 0.23 0.00	36.50 0.40 0.00	50.77 0.80 0.00	65.19 1.03 0.00	54.38 0.86 0.00	44.74 0.57 0.00	41.92 0.54 0.00	39.80 0.66 -0.06	40.18 0.63 -0.02	38.77 0.50 -0.12	38.62 0.42 -0.13	40.47 0.36 -0.03	48.26 0.43 0.00	63.24 0.63 0.00	75.30 1.48 -0.01	75.62 1.41 0.00	59.21 0.93 0.00	50.59 0.80 0.00	44.79 0.57 0.00	41.06 0.61 0.00
ETNA____115KV_TB2 80207	33.89 0.14 0.00	33.09 0.30 0.00	33.50 0.23 0.00	32.89 0.23 0.00	32.94 0.23 0.00	36.50 0.40 0.00	50.77 0.80 0.00	65.19 1.03 0.00	54.38 0.86 0.00	44.74 0.57 0.00	41.92 0.54 0.00	39.80 0.66 -0.06	40.18 0.63 -0.02	38.77 0.50 -0.12	38.62 0.42 -0.13	40.47 0.36 -0.03	48.26 0.43 0.00	63.24 0.63 0.00	75.30 1.48 -0.01	75.62 1.41 0.00	59.21 0.93 0.00	50.59 0.80 0.00	44.79 0.57 0.00	41.06 0.61 0.00
EUCLID___115KV_TB2 356179	33.15 -0.61 0.00	32.31 -0.49 0.00	32.73 -0.53 0.00	32.14 -0.52 0.00	32.19 -0.52 0.00	35.56 -0.54 0.00	49.23 -0.75 0.00	63.20 -0.96 0.00	52.78 -0.75 0.00	43.60 -0.57 0.00	40.85 -0.54 0.00	38.71 -0.39 -0.02	39.10 -0.43 -0.01	37.74 -0.46 -0.05	37.63 -0.49 -0.05	39.45 -0.64 -0.01	47.02 -0.81 0.00	61.42 -1.19 0.00	73.08 -1.03 -0.29	73.33 -1.19 -0.31	57.34 -0.99 -0.05	48.99 -0.80 0.00	43.46 -0.80 -0.04	39.81 -0.65 0.00
E_CANADA_CAP_HY 24051	34.50 0.74 0.00	33.49 0.69 0.00	34.06 0.80 0.00	33.48 0.82 0.00	33.53 0.82 0.00	37.15 1.05 0.00	51.82 1.85 0.00	66.79 2.63 0.00	54.97 1.45 0.00	44.48 0.31 0.00	41.18 -0.21 0.00	38.77 -0.27 0.03	39.16 -0.36 0.01	37.75 -0.34 0.06	37.79 -0.23 0.06	40.27 0.20 0.01	48.64 0.81 0.00	64.43 1.82 0.00	76.18 2.36 0.00	76.51 2.30 0.00	59.96 1.69 0.00	51.13 1.34 0.00	45.32 1.11 0.00	41.42 0.97 0.00
E_CANADA_MHWK_HY 24050	35.14 1.38 0.00	34.14 1.35 0.00	34.63 1.36 0.00	33.97 1.31 0.00	34.12 1.41 0.00	37.65 1.55 0.00	52.17 2.20 0.00	66.92 2.76 0.00	55.88 2.35 0.00	46.02 1.85 0.00	43.20 1.82 0.00	40.79 1.72 0.00	41.22 1.70 0.00	39.75 1.60 0.00	39.64 1.56 0.00	41.81 1.72 0.00	49.84 2.01 0.00	65.12 2.51 0.00	76.85 3.03 0.00	77.55 3.34 0.00	60.78 2.50 0.00	52.03 2.24 0.00	46.11 1.90 0.00	42.23 1.78 0.00
E_FISHKILL___LBMP 23776	35.58 1.82 0.00	34.21 1.41 0.00	34.69 1.43 0.00	34.04 1.37 0.00	34.15 1.44 0.00	37.76 1.66 0.00	52.32 2.35 0.00	67.43 3.27 0.00	55.99 2.46 0.00	46.29 2.12 0.00	43.58 2.19 0.00	40.83 1.95 0.20	41.47 2.02 0.07	39.78 2.02 0.39	39.76 2.09 0.41	42.16 2.16 0.08	50.32 2.49 0.00	65.68 3.07 0.00	77.16 3.40 0.06	77.62 3.41 0.00	60.66 2.39 0.00	51.73 1.94 0.00	46.07 1.86 0.00	42.19 1.74 0.00
FALCON___SEABRD_CC1 323796	33.62 -0.13 0.00	32.80 0.00 0.00	33.06 -0.20 0.00	32.57 -0.10 0.00	32.55 -0.16 0.00	35.78 -0.33 0.00	49.02 -0.95 0.00	62.88 -1.28 0.00	52.51 -1.02 0.00	43.77 -0.40 0.00	40.89 -0.49 0.00	38.88 -0.19 0.00	39.41 -0.12 0.00	38.11 -0.04 0.00	37.96 -0.11 0.00	40.29 0.20 0.00	47.45 -0.38 0.00	62.67 0.06 0.00	73.97 0.15 0.00	74.51 0.30 0.00	58.63 0.35 0.00	50.09 0.30 0.00	44.96 0.75 0.00	40.86 0.40 0.00
FALCON___SEABRD_CC2 323797	33.62 -0.13 0.00	32.80 0.00 0.00	33.06 -0.20 0.00	32.57 -0.10 0.00	32.55 -0.16 0.00	35.78 -0.33 0.00	49.02 -0.95 0.00	62.88 -1.28 0.00	52.51 -1.02 0.00	43.77 -0.40 0.00	40.89 -0.49 0.00	38.88 -0.19 0.00	39.41 -0.12 0.00	38.11 -0.04 0.00	37.96 -0.11 0.00	40.29 0.20 0.00	47.45 -0.38 0.00	62.67 0.06 0.00	73.97 0.15 0.00	74.51 0.30 0.00	58.63 0.35 0.00	50.09 0.30 0.00	44.96 0.75 0.00	40.86 0.40 0.00

FAR ROCKAWAY___4 23548	36.49 2.73 0.00	34.90 2.10 0.00	35.46 2.20 0.00	34.79 2.12 0.00	34.94 2.22 0.00	38.70 2.60 0.00	53.22 3.25 0.00	68.59 4.43 0.00	56.68 3.16 0.00	47.17 3.00 0.00	44.73 3.35 0.00	43.70 3.32 -1.30	43.28 3.32 -0.44	43.97 3.24 -2.58	44.14 3.39 -2.68	44.11 3.49 -0.54	51.46 3.64 0.00	67.11 4.51 0.00	78.47 4.87 0.22	79.70 5.49 0.00	61.71 3.44 0.00	52.47 2.69 0.00	46.78 2.56 0.00	43.30 2.79 -0.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.29 2.53 0.00	34.83 2.03 0.00	35.26 2.00 0.00	34.56 1.89 0.00	34.71 2.00 0.00	38.45 2.35 0.00	53.43 3.45 -0.01	68.79 4.62 -0.01	57.12 3.59 -0.01	47.27 3.09 -0.01	44.54 3.15 -0.01	43.36 2.97 -1.31	42.98 3.00 -0.45	43.72 2.98 -2.59	43.81 3.05 -2.69	43.80 3.17 -0.55	51.42 3.59 -0.01	67.00 4.38 -0.01	79.12 5.02 -0.28	79.26 5.05 -0.01	61.89 3.61 0.00	52.73 2.94 -0.01	46.95 2.74 0.00	43.00 2.55 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.29 2.53 0.00	34.83 2.03 0.00	35.26 2.00 0.00	34.56 1.89 0.00	34.74 2.03 0.00	38.45 2.35 0.00	53.43 3.45 -0.01	68.85 4.68 -0.01	57.12 3.59 -0.01	47.27 3.09 -0.01	44.54 3.15 -0.01	43.36 2.97 -1.31	42.98 3.00 -0.45	43.72 2.98 -2.59	43.81 3.05 -2.69	43.80 3.17 -0.55	51.42 3.59 -0.01	67.06 4.45 -0.01	79.12 5.02 -0.28	79.34 5.12 -0.01	61.89 3.61 0.00	52.73 2.94 -0.01	46.95 2.74 0.00	43.00 2.55 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.36 2.60 0.00	34.80 2.00 0.00	35.26 2.00 0.00	34.56 1.89 0.00	34.71 2.00 0.00	38.41 2.31 0.00	53.38 3.40 -0.01	68.79 4.62 -0.01	57.12 3.59 -0.01	47.27 3.09 -0.01	44.54 3.15 -0.01	43.32 2.93 -1.31	42.94 2.96 -0.45	43.72 2.98 -2.59	43.77 3.01 -2.69	43.76 3.13 -0.55	51.42 3.59 -0.01	67.00 4.38 -0.01	79.12 5.02 -0.28	79.26 5.05 -0.01	61.83 3.55 0.00	52.68 2.89 -0.01	46.95 2.74 0.00	43.00 2.55 0.00
FARRAGUT___LBMP 323566	36.26 2.50 0.00	34.80 2.00 0.00	35.23 1.96 0.00	34.53 1.86 0.00	34.71 2.00 0.00	38.41 2.31 0.00	53.33 3.35 0.00	68.72 4.56 -0.01	57.06 3.53 -0.01	47.22 3.05 0.00	44.50 3.10 0.00	43.32 2.93 -1.31	42.90 2.92 -0.45	43.68 2.94 -2.59	43.73 2.97 -2.69	43.72 3.09 -0.55	51.38 3.54 -0.01	66.94 4.32 -0.01	79.05 4.95 -0.28	79.19 4.97 -0.01	61.83 3.55 0.00	52.68 2.89 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
FENNER___WINDPWR 24204	34.13 0.37 0.00	33.26 0.46 0.00	33.66 0.40 0.00	33.06 0.39 0.00	33.17 0.46 0.00	36.68 0.58 0.00	50.97 1.00 0.00	65.45 1.28 0.00	54.76 1.23 0.00	45.01 0.84 0.00	42.26 0.87 0.00	39.93 0.82 -0.03	40.37 0.83 -0.01	38.94 0.72 -0.07	38.75 0.61 -0.07	40.82 0.72 -0.01	48.64 0.81 0.00	63.55 0.94 0.00	75.30 1.48 0.00	75.84 1.63 0.00	59.44 1.16 0.00	50.73 0.94 0.00	44.92 0.71 0.00	41.10 0.65 0.00
FIBERTEK___ENERGY 23856	33.42 -0.34 0.00	32.57 -0.23 0.00	33.00 -0.27 0.00	32.40 -0.26 0.00	32.45 -0.26 0.00	35.89 -0.22 0.00	49.72 -0.25 0.00	63.91 -0.26 0.00	53.36 -0.16 0.00	44.04 -0.13 0.00	41.30 -0.08 0.00	39.14 0.04 -0.03	39.53 0.00 -0.01	38.13 -0.08 -0.06	38.02 -0.11 -0.06	39.90 -0.20 -0.01	47.50 -0.33 0.00	62.11 -0.50 0.00	74.21 -0.22 -0.61	74.48 -0.37 -0.64	57.98 -0.41 -0.11	49.44 -0.35 0.00	43.95 -0.35 -0.09	40.17 -0.28 0.00
FITZPATRICK___ 23598	32.75 -1.01 0.00	31.88 -0.92 0.00	32.33 -0.93 0.00	31.75 -0.91 0.00	31.80 -0.92 0.00	35.13 -0.97 0.00	48.52 -1.45 0.00	62.24 -1.92 0.00	52.03 -1.50 0.00	42.93 -1.24 0.00	40.31 -1.08 0.00	38.02 -1.05 0.00	38.50 -1.03 0.00	37.12 -1.03 0.00	36.97 -1.11 0.00	38.84 -1.24 0.00	46.30 -1.53 0.00	60.55 -2.06 0.00	66.02 -2.21 5.59	66.06 -2.30 5.85	55.40 -1.87 1.01	48.25 -1.54 0.00	42.00 -1.42 0.80	39.20 -1.25 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.92 2.16 0.00	34.54 1.74 0.00	35.03 1.76 0.00	34.33 1.67 0.00	34.45 1.73 0.00	38.16 2.06 0.00	53.02 3.05 0.00	68.33 4.17 0.00	56.58 3.05 0.00	46.69 2.52 0.00	43.87 2.48 0.00	41.56 2.31 -0.18	41.96 2.37 -0.06	40.91 2.40 -0.36	40.85 2.40 -0.38	42.69 2.53 -0.08	50.84 3.01 0.00	66.56 3.94 0.00	78.47 4.65 0.00	78.89 4.68 0.00	61.60 3.32 0.00	52.38 2.59 0.00	46.64 2.43 0.00	42.68 2.22 0.00
FORT ORANGE___ 23900	34.57 0.81 0.00	33.42 0.62 0.00	33.89 0.63 0.00	33.28 0.62 0.00	34.48 1.77 0.00	38.16 2.06 0.00	53.18 3.20 0.00	68.40 4.23 0.00	56.15 2.62 0.00	45.67 1.50 0.00	42.26 0.87 0.00	39.42 0.39 0.04	40.14 0.63 0.02	38.56 0.49 0.09	38.71 0.72 0.09	41.03 0.96 0.02	48.55 0.72 0.00	63.61 1.00 0.00	74.77 0.96 0.01	74.88 0.67 0.00	58.80 0.52 0.00	50.09 0.30 0.00	44.43 0.22 0.00	40.74 0.29 0.00
FORT_DRUM_COGEN 23780	34.20 0.44 0.00	33.42 0.62 0.00	33.70 0.43 0.00	33.02 0.36 0.00	33.37 0.65 0.00	36.75 0.65 0.00	51.22 1.25 0.00	65.83 1.67 0.00	55.24 1.71 0.00	45.01 0.84 0.00	42.21 0.83 0.00	39.78 0.70 0.00	40.20 0.67 0.00	38.68 0.53 0.00	38.42 0.34 0.00	41.05 0.96 0.00	48.88 1.05 0.00	64.18 1.57 0.00	76.85 2.44 -0.59	78.09 3.27 -0.62	60.71 2.33 -0.11	51.58 1.79 0.00	45.67 1.37 -0.08	41.46 1.01 0.00
FOX_HILLS___ESR 323835	36.37 2.60 -0.01	34.94 2.13 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.60 2.49 -0.01	53.33 3.35 -0.01	68.53 4.36 -0.01	56.80 3.27 -0.01	47.45 3.27 -0.01	44.67 3.27 -0.01	43.40 3.01 -1.32	43.02 3.04 -0.46	43.76 3.01 -2.60	43.86 3.08 -2.70	43.89 3.25 -0.56	51.52 3.68 -0.01	66.87 4.26 -0.01	77.95 3.84 -0.29	79.19 4.97 -0.01	61.71 3.44 0.00	52.73 2.94 -0.01	47.31 3.09 -0.01	43.17 2.71 -0.01
FPL_FAR_ROCK_GT1 24212	36.53 2.77 0.00	34.90 2.10 0.00	35.46 2.19 0.00	34.79 2.12 0.00	34.94 2.23 0.00	38.52 2.42 0.00	53.17 3.20 0.00	68.14 3.98 0.00	56.35 2.83 0.00	47.08 2.91 0.00	44.28 2.90 0.00	43.69 3.32 -1.30	43.28 3.32 -0.44	43.93 3.20 -2.58	44.14 3.39 -2.68	44.15 3.53 -0.54	51.46 3.63 0.00	67.05 4.45 0.00	78.54 4.95 0.22	79.70 5.49 0.00	61.71 3.44 0.00	52.52 2.74 0.00	46.78 2.56 0.00	43.30 2.79 -0.05
FPL_FAR_ROCK_GT2 23815	36.53 2.77 0.00	34.90 2.10 0.00	35.46 2.19 0.00	34.79 2.12 0.00	34.94 2.23 0.00	38.52 2.42 0.00	53.17 3.20 0.00	68.14 3.98 0.00	56.35 2.83 0.00	47.08 2.91 0.00	44.28 2.90 0.00	43.69 3.32 -1.30	43.28 3.32 -0.44	43.93 3.20 -2.58	44.14 3.39 -2.68	44.15 3.53 -0.54	51.46 3.63 0.00	67.05 4.45 0.00	78.54 4.95 0.22	79.70 5.49 0.00	61.71 3.44 0.00	52.52 2.74 0.00	46.78 2.56 0.00	43.30 2.79 -0.05
FRANKLIN_FALL_HYD 24054	34.06 0.30 0.00	33.19 0.39 0.00	33.50 0.23 0.00	32.99 0.33 0.00	33.01 0.29 0.00	36.36 0.25 0.00	50.42 0.45 0.00	64.74 0.58 0.00	54.22 0.70 0.00	44.70 0.53 0.00	41.92 0.54 0.00	39.74 0.66 0.00	40.20 0.67 0.00	38.76 0.61 0.00	38.53 0.46 0.00	40.85 0.76 0.00	48.55 0.72 0.00	63.99 1.38 0.00	75.00 1.18 0.00	75.70 1.48 0.00	59.61 1.34 0.00	51.03 1.24 0.00	45.54 1.33 0.00	41.26 0.81 0.00

FREEPORT_EQUS_GT1 23764	36.26 2.50 0.00	34.63 1.84 0.00	35.19 1.93 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.23 2.13 0.00	52.67 2.70 0.00	67.49 3.33 0.01	55.93 2.41 0.01	46.64 2.47 0.00	43.86 2.48 0.00	43.27 2.89 -1.30	42.85 2.88 -0.44	43.55 2.82 -2.58	43.76 3.01 -2.68	43.75 3.13 -0.54	50.98 3.16 0.01	66.43 3.82 0.00	76.19 4.06 1.69	78.89 4.68 0.00	61.13 2.85 0.00	51.97 2.19 0.00	46.38 2.17 0.00	42.94 2.47 -0.02
FREEPORT___CT2 23818	36.26 2.50 0.00	34.63 1.84 0.00	35.19 1.93 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.23 2.13 0.00	52.67 2.70 0.00	67.49 3.33 0.01	55.93 2.41 0.01	46.64 2.47 0.00	43.86 2.48 0.00	43.27 2.89 -1.30	42.85 2.88 -0.44	43.55 2.82 -2.58	43.76 3.01 -2.68	43.75 3.13 -0.54	50.98 3.16 0.01	66.43 3.82 0.00	76.19 4.06 1.69	78.89 4.68 0.00	61.13 2.85 0.00	51.97 2.19 0.00	46.38 2.17 0.00	42.94 2.47 -0.02
FRESHKLS_33_KV_LOAD 356253	36.43 2.67 -0.01	35.00 2.20 -0.01	35.47 2.20 -0.01	34.76 2.09 -0.01	34.91 2.19 -0.01	38.67 2.56 -0.01	53.33 3.35 -0.01	68.47 4.30 -0.01	56.74 3.21 -0.01	47.54 3.36 -0.01	44.75 3.35 -0.01	43.44 3.05 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.89 3.12 -2.70	43.93 3.29 -0.56	51.57 3.73 -0.01	66.94 4.32 -0.01	77.87 3.76 -0.29	79.26 5.05 -0.01	61.77 3.50 0.00	52.73 2.94 -0.01	47.49 3.27 -0.01	43.29 2.83 -0.01
FULTON COGEN____ 23766	33.12 -0.64 0.00	32.27 -0.52 0.00	32.70 -0.57 0.00	32.11 -0.56 0.00	32.16 -0.56 0.00	35.53 -0.58 0.00	49.18 -0.80 0.00	63.14 -1.03 0.00	52.78 -0.75 0.00	43.55 -0.62 0.00	40.81 -0.58 0.00	38.61 -0.47 0.00	39.05 -0.47 0.00	37.61 -0.53 0.00	37.50 -0.57 0.00	39.40 -0.68 0.00	46.92 -0.91 0.00	61.30 -1.31 0.00	74.14 -1.18 -1.50	74.44 -1.34 -1.57	57.44 -1.11 -0.27	48.89 -0.90 0.00	43.59 -0.84 -0.21	39.72 -0.73 0.00
FULTON___LFGE 323630	34.97 1.21 0.00	33.91 1.12 0.00	34.49 1.23 0.00	33.94 1.27 0.00	33.99 1.27 0.00	37.65 1.55 0.00	52.47 2.50 0.00	67.63 3.46 0.00	55.67 2.14 0.00	45.01 0.84 0.00	41.51 0.12 0.00	38.99 -0.04 0.05	39.43 -0.08 0.02	37.98 -0.08 0.09	38.13 0.15 0.10	40.70 0.64 0.02	49.31 1.48 0.00	65.36 2.75 0.00	77.29 3.47 0.00	77.55 3.34 0.00	60.72 2.45 0.00	51.73 1.94 0.00	45.85 1.64 0.00	41.91 1.45 0.00
G.F.CEMENT___DRP 24184	35.11 1.35 0.00	34.01 1.21 0.00	34.59 1.33 0.00	34.04 1.37 0.00	34.05 1.34 0.00	37.62 1.52 0.00	52.17 2.20 0.00	67.37 3.21 0.00	55.93 2.41 0.00	45.72 1.55 0.00	42.34 0.95 0.00	39.62 0.63 0.08	40.13 0.63 0.03	38.72 0.72 0.15	38.83 0.91 0.16	41.13 1.08 0.03	49.60 1.77 0.00	65.24 2.63 0.00	76.91 3.10 0.01	76.96 2.75 0.00	60.31 2.04 0.00	51.28 1.49 0.00	45.49 1.28 0.00	41.67 1.21 0.00
GARDENVILLE___LBMP 24039	31.73 -2.03 0.00	31.75 -1.05 0.00	31.87 -1.40 0.00	31.10 -1.57 0.00	31.24 -1.47 0.00	34.62 -1.48 0.00	47.88 -2.10 0.00	59.80 -4.36 0.00	50.47 -3.05 0.00	42.18 -1.99 0.00	39.56 -1.82 0.00	38.34 -0.78 -0.05	38.67 -0.87 -0.02	36.95 -1.30 -0.10	36.54 -1.64 -0.10	37.46 -2.65 -0.02	44.20 -3.64 0.00	57.60 -5.01 0.00	69.24 -4.58 0.00	69.61 -4.60 0.00	55.19 -3.09 0.00	48.15 -1.64 0.00	42.58 -1.64 0.00	39.60 -0.85 0.00
GARDNVLA_35_KV_LD 355827	31.97 -1.79 0.00	31.98 -0.82 0.00	32.10 -1.16 0.00	31.36 -1.31 0.00	31.47 -1.24 0.00	34.91 -1.19 0.00	48.28 -1.70 0.00	60.31 -3.85 0.00	50.96 -2.57 0.00	42.58 -1.59 0.00	39.94 -1.45 0.00	38.65 -0.47 -0.05	39.03 -0.51 -0.02	37.29 -0.95 -0.09	36.88 -1.29 -0.10	37.82 -2.28 -0.02	44.58 -3.25 0.00	58.10 -4.51 0.00	69.76 -4.06 0.00	70.28 -3.93 0.00	55.65 -2.62 0.00	48.55 -1.24 0.00	42.89 -1.33 0.00	39.89 -0.57 0.00
GELCKHM___115KV_LOAD 80723	33.25 -0.51 0.00	32.40 -0.39 0.00	32.83 -0.43 0.00	32.24 -0.42 0.00	32.29 -0.43 0.00	35.67 -0.43 0.00	49.42 -0.55 0.00	63.46 -0.71 0.00	52.99 -0.54 0.00	43.77 -0.40 0.00	41.01 -0.37 0.00	38.87 -0.23 -0.03	39.30 -0.24 -0.01	37.90 -0.31 -0.05	37.79 -0.34 -0.05	39.61 -0.48 -0.01	47.21 -0.62 0.00	61.67 -0.94 0.00	73.51 -0.74 -0.43	73.77 -0.89 -0.45	57.59 -0.76 -0.08	49.19 -0.60 0.00	43.65 -0.62 -0.06	39.93 -0.53 0.00
GENERAL___MILLS 23808	31.87 -1.89 0.00	31.88 -0.92 0.00	32.00 -1.26 0.00	31.23 -1.44 0.00	31.37 -1.34 0.00	34.77 -1.34 0.00	48.08 -1.90 0.00	60.06 -4.11 0.00	50.74 -2.78 0.00	42.40 -1.77 0.00	39.77 -1.61 0.00	38.50 -0.63 -0.05	38.87 -0.67 -0.02	37.10 -1.14 -0.09	36.73 -1.45 -0.10	37.62 -2.49 -0.02	44.39 -3.44 0.00	57.79 -4.82 0.00	69.47 -4.36 0.00	69.91 -4.30 0.00	55.42 -2.86 0.00	48.35 -1.44 0.00	42.71 -1.50 0.00	39.72 -0.73 0.00
GE_PLASTICS___DRP 24183	34.50 0.74 0.00	33.36 0.56 0.00	33.86 0.60 0.00	33.25 0.59 0.00	33.30 0.59 0.00	36.79 0.69 0.00	50.82 0.85 0.00	65.32 1.15 0.00	54.33 0.80 0.00	44.74 0.57 0.00	41.84 0.46 0.00	39.15 0.16 0.08	39.65 0.16 0.03	38.26 0.27 0.16	38.33 0.42 0.16	40.49 0.44 0.03	48.60 0.77 0.00	63.55 0.94 0.00	74.62 0.81 0.01	74.80 0.59 0.00	58.74 0.47 0.00	50.09 0.30 0.00	44.48 0.27 0.00	40.74 0.28 0.00
GILBOA___1 23756	34.70 0.94 0.00	33.55 0.75 0.00	34.30 1.03 0.00	33.64 0.98 0.00	33.60 0.88 0.00	36.97 0.87 0.00	51.22 1.25 0.00	65.83 1.67 0.00	54.76 1.23 0.00	45.19 1.02 0.00	42.30 0.91 0.00	39.93 0.86 0.00	40.39 0.87 0.00	38.99 0.84 0.00	39.03 0.95 0.00	41.09 1.00 0.00	49.07 1.24 0.00	64.11 1.50 0.00	75.15 1.33 0.00	75.40 1.18 0.00	59.32 1.05 0.00	50.69 0.90 0.00	45.05 0.84 0.00	41.26 0.81 0.00
GILBOA___2 23757	34.70 0.94 0.00	33.55 0.75 0.00	34.30 1.03 0.00	33.64 0.98 0.00	33.60 0.88 0.00	36.97 0.87 0.00	51.22 1.25 0.00	65.83 1.67 0.00	54.76 1.23 0.00	45.19 1.02 0.00	42.30 0.91 0.00	39.93 0.86 0.00	40.39 0.87 0.00	38.99 0.84 0.00	39.03 0.95 0.00	41.09 1.00 0.00	49.07 1.24 0.00	64.11 1.50 0.00	75.15 1.33 0.00	75.40 1.18 0.00	59.32 1.05 0.00	50.69 0.90 0.00	45.05 0.84 0.00	41.26 0.81 0.00
GILBOA___3 23758	34.70 0.94 0.00	33.55 0.75 0.00	34.30 1.03 0.00	33.64 0.98 0.00	33.60 0.88 0.00	36.97 0.87 0.00	51.22 1.25 0.00	65.83 1.67 0.00	54.76 1.23 0.00	45.19 1.02 0.00	42.30 0.91 0.00	39.93 0.86 0.00	40.39 0.87 0.00	38.99 0.84 0.00	39.03 0.95 0.00	41.09 1.00 0.00	49.07 1.24 0.00	64.11 1.50 0.00	75.15 1.33 0.00	75.40 1.18 0.00	59.32 1.05 0.00	50.69 0.90 0.00	45.05 0.84 0.00	41.26 0.81 0.00
GILBOA___4 23759	34.70 0.94 0.00	33.55 0.75 0.00	34.30 1.03 0.00	33.64 0.98 0.00	33.60 0.88 0.00	36.97 0.87 0.00	51.22 1.25 0.00	65.83 1.67 0.00	54.76 1.23 0.00	45.19 1.02 0.00	42.30 0.91 0.00	39.93 0.86 0.00	40.39 0.87 0.00	38.99 0.84 0.00	39.03 0.95 0.00	41.09 1.00 0.00	49.07 1.24 0.00	64.11 1.50 0.00	75.15 1.33 0.00	75.40 1.18 0.00	59.32 1.05 0.00	50.69 0.90 0.00	45.05 0.84 0.00	41.26 0.81 0.00

GILBOA____ 23599	34.70 0.95 0.00	33.55 0.75 0.00	34.29 1.03 0.00	33.64 0.98 0.00	33.60 0.88 0.00	36.97 0.87 0.00	51.27 1.30 0.00	65.90 1.73 0.00	54.81 1.28 0.00	45.23 1.06 0.00	42.42 1.03 0.00	39.93 0.86 0.00	40.39 0.87 0.00	39.03 0.88 0.00	39.03 0.95 0.00	41.09 1.00 0.00	49.07 1.24 0.00	64.11 1.50 0.00	75.15 1.33 0.00	75.40 1.19 0.00	59.32 1.05 0.00	50.69 0.90 0.00	45.05 0.84 0.00	41.26 0.81 0.00
GINNA____ 23603	31.39 -2.36 0.00	30.93 -1.87 0.00	31.20 -2.06 0.00	30.61 -2.06 0.00	30.72 -2.00 0.00	34.15 -1.95 0.00	47.32 -2.65 0.00	60.63 -3.53 0.00	50.90 -2.62 0.00	42.27 -1.90 0.00	39.90 -1.49 0.00	37.74 -1.37 -0.03	38.19 -1.34 -0.01	36.84 -1.37 -0.06	36.31 -1.83 -0.06	37.73 -2.36 -0.01	45.06 -2.78 0.00	58.79 -3.82 0.00	69.98 -3.84 0.00	69.91 -4.31 0.00	55.01 -3.26 0.00	47.25 -2.54 0.00	41.74 -2.48 0.00	38.31 -2.15 0.00
GLEN PARK____ 23778	34.30 0.54 0.00	33.52 0.72 0.00	33.79 0.53 0.00	33.12 0.46 0.00	33.47 0.75 0.00	36.90 0.79 0.00	51.47 1.50 0.00	66.15 1.99 0.00	55.51 1.98 0.00	45.19 1.02 0.00	42.38 0.99 0.00	39.86 0.78 0.00	40.27 0.75 0.00	38.76 0.61 0.00	38.46 0.38 0.00	41.09 1.00 0.00	49.03 1.20 0.00	64.36 1.75 0.00	77.18 2.73 -0.62	78.50 3.64 -0.65	61.01 2.62 -0.11	51.83 2.04 0.00	45.85 1.55 -0.09	41.63 1.17 0.00
GLENDALE_27_KV_LOAD 356172	36.53 2.77 -0.01	35.07 2.26 -0.01	35.50 2.23 -0.01	34.80 2.12 -0.01	34.94 2.22 -0.01	38.67 2.56 -0.01	53.73 3.75 -0.01	69.05 4.88 -0.01	57.28 3.75 -0.01	47.58 3.40 -0.01	44.83 3.44 -0.01	43.64 3.24 -1.32	43.26 3.28 -0.46	43.99 3.24 -2.60	44.08 3.31 -2.70	44.09 3.45 -0.56	51.76 3.92 -0.01	67.31 4.70 -0.01	79.07 4.95 -0.30	79.56 5.34 -0.01	62.06 3.79 0.00	53.03 3.24 -0.01	47.27 3.05 -0.01	43.29 2.83 -0.01
GLENWOOD_IC_1_G5 23712	36.19 2.43 0.00	34.67 1.87 0.00	35.19 1.93 0.00	34.49 1.83 0.00	34.64 1.93 0.00	38.38 2.27 0.00	52.97 3.00 0.00	68.26 4.11 0.01	56.57 3.05 0.01	46.90 2.74 0.00	44.40 3.02 0.00	43.27 2.89 -1.30	42.89 2.92 -0.44	43.63 2.90 -2.58	43.72 2.97 -2.68	43.71 3.09 -0.54	51.17 3.35 0.01	66.68 4.07 0.00	77.20 4.50 1.12	79.03 4.82 0.00	61.42 3.15 0.00	52.23 2.44 0.00	46.56 2.34 0.00	42.89 2.43 -0.01
GLENWOOD_IC_2_G1 23688	36.09 2.33 0.00	34.60 1.80 0.00	35.09 1.83 0.00	34.39 1.73 0.00	34.54 1.83 0.00	38.12 2.02 0.00	52.87 2.90 0.00	67.94 3.78 0.00	56.35 2.83 0.00	46.77 2.61 0.00	43.91 2.52 0.00	43.11 2.73 -1.30	42.73 2.77 -0.44	43.40 2.67 -2.58	43.57 2.82 -2.68	43.55 2.92 -0.54	51.03 3.21 0.00	66.49 3.88 0.00	77.95 4.35 0.22	78.73 4.53 0.00	61.30 3.03 0.00	52.18 2.39 0.00	46.51 2.30 0.00	42.76 2.30 0.00
GLENWOOD_IC_3_G1 23689	36.09 2.33 0.00	34.60 1.80 0.00	35.09 1.83 0.00	34.39 1.73 0.00	34.54 1.83 0.00	38.12 2.02 0.00	52.87 2.90 0.00	67.94 3.78 0.00	56.35 2.83 0.00	46.77 2.61 0.00	43.91 2.52 0.00	43.11 2.73 -1.30	42.73 2.77 -0.44	43.40 2.67 -2.58	43.57 2.82 -2.68	43.55 2.92 -0.54	51.03 3.21 0.00	66.49 3.88 0.00	77.95 4.35 0.22	78.73 4.53 0.00	61.30 3.03 0.00	52.18 2.39 0.00	46.51 2.30 0.00	42.76 2.30 0.00
GLENWOOD____4 23550	36.19 2.43 0.00	34.67 1.87 0.00	35.19 1.93 0.00	34.49 1.83 0.00	34.64 1.93 0.00	38.38 2.27 0.00	52.97 3.00 0.00	68.26 4.11 0.01	56.57 3.05 0.01	46.90 2.74 0.00	44.40 3.02 0.00	43.27 2.89 -1.30	42.89 2.92 -0.44	43.63 2.90 -2.58	43.72 2.97 -2.68	43.71 3.09 -0.54	51.17 3.35 0.01	66.68 4.07 0.00	77.20 4.50 1.12	79.03 4.82 0.00	61.42 3.15 0.00	52.23 2.44 0.00	46.56 2.34 0.00	42.89 2.43 -0.01
GLENWOOD____5 23614	36.19 2.43 0.00	34.67 1.87 0.00	35.19 1.93 0.00	34.49 1.83 0.00	34.64 1.93 0.00	38.38 2.27 0.00	52.97 3.00 0.00	68.26 4.11 0.01	56.57 3.05 0.01	46.90 2.74 0.00	44.40 3.02 0.00	43.27 2.89 -1.30	42.89 2.92 -0.44	43.63 2.90 -2.58	43.72 2.97 -2.68	43.71 3.09 -0.54	51.17 3.35 0.01	66.68 4.07 0.00	77.20 4.50 1.12	79.03 4.82 0.00	61.42 3.15 0.00	52.23 2.44 0.00	46.56 2.34 0.00	42.89 2.43 -0.01
GLOBAL GREEN_PORT_GT1 23814	36.09 2.33 0.00	34.34 1.54 0.00	34.99 1.73 0.00	34.36 1.70 0.00	34.51 1.80 0.00	37.84 1.73 0.00	51.67 1.70 0.00	66.01 1.86 0.01	54.64 1.13 0.01	45.58 1.41 0.00	42.75 1.36 0.00	39.39 1.45 1.13	35.66 1.46 5.32	34.89 1.37 4.63	35.01 1.64 4.70	37.72 1.72 4.08	49.97 2.15 0.01	65.36 2.75 0.00	72.39 1.77 3.20	77.99 3.78 0.00	60.54 2.27 0.01	51.48 1.69 0.00	45.44 1.24 0.01	42.23 1.78 0.00
GLOBE____DSASP 323697	31.29 -2.46 0.00	31.62 -1.18 0.00	31.73 -1.53 0.00	30.93 -1.73 0.00	30.82 -1.90 0.00	34.26 -1.84 0.00	46.98 -3.00 0.00	58.52 -5.65 0.00	49.51 -4.01 0.00	41.56 -2.61 0.00	38.90 -2.48 0.00	37.75 -1.37 -0.04	38.08 -1.46 -0.01	36.33 -1.91 -0.09	35.96 -2.21 -0.09	36.82 -3.29 -0.02	43.38 -4.45 0.00	56.22 -6.39 0.00	67.32 -6.50 0.00	67.68 -6.53 0.00	53.84 -4.43 0.00	47.15 -2.64 0.00	41.60 -2.61 0.00	38.92 -1.54 0.00
GOETHSLN____LBMP 323567	36.15 2.40 0.00	34.70 1.90 0.00	35.13 1.86 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.31 2.20 0.00	53.18 3.20 -0.01	68.53 4.36 -0.01	56.90 3.37 -0.01	47.09 2.92 -0.01	44.37 2.98 -0.01	43.20 2.81 -1.31	42.82 2.85 -0.45	43.56 2.82 -2.59	43.66 2.89 -2.69	43.64 3.01 -0.55	51.18 3.35 -0.01	66.75 4.13 -0.01	78.90 4.80 -0.28	78.97 4.75 -0.01	61.60 3.32 0.00	52.48 2.69 -0.01	46.78 2.56 0.00	42.84 2.39 0.00
GOLAH____69_KV_TB 1_2 80279	32.91 -0.84 0.00	32.60 -0.20 0.00	32.83 -0.43 0.00	32.17 -0.49 0.00	32.29 -0.43 0.00	35.81 -0.29 0.00	49.57 -0.40 0.00	63.01 -1.15 0.00	52.94 -0.59 0.00	43.99 -0.18 0.00	41.22 -0.17 0.00	39.50 0.39 -0.03	39.89 0.36 -0.01	38.21 0.00 -0.07	37.84 -0.30 -0.07	39.14 -0.96 -0.01	46.54 -1.29 0.00	60.80 -1.82 0.00	72.57 -1.25 0.00	72.58 -1.63 0.00	57.28 -0.99 0.00	49.44 -0.35 0.00	43.77 -0.44 0.00	40.41 -0.04 0.00
GOODYEAR_LAKE_HYD 323669	34.64 0.88 0.00	33.62 0.82 0.00	34.19 0.93 0.00	33.51 0.85 0.00	33.63 0.92 0.00	37.15 1.05 0.00	51.72 1.75 0.00	66.41 2.25 0.00	55.40 1.87 0.00	45.49 1.33 0.00	42.71 1.32 0.00	40.45 1.29 -0.09	40.82 1.26 -0.03	39.51 1.18 -0.17	39.32 1.07 -0.18	41.36 1.24 -0.04	49.36 1.53 0.00	64.68 2.07 0.00	76.34 2.51 -0.01	76.96 2.75 0.00	60.25 1.98 0.00	51.48 1.69 0.00	45.63 1.41 0.00	41.75 1.29 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.62 -0.14 0.00	32.86 0.07 0.00	33.26 0.00 0.00	32.63 -0.03 0.00	32.68 -0.03 0.00	36.18 0.07 0.00	50.22 0.25 0.00	64.23 0.06 0.00	53.63 0.11 0.00	44.26 0.09 0.00	41.59 0.21 0.00	39.59 0.43 -0.09	39.95 0.40 -0.03	38.59 0.27 -0.18	38.45 0.19 -0.18	40.04 -0.08 -0.04	47.59 -0.24 0.00	62.24 -0.38 0.00	74.05 0.22 -0.01	74.36 0.15 0.00	58.33 0.06 0.00	49.94 0.15 0.00	44.30 0.09 0.00	40.74 0.28 0.00

GOUDEY___7 23579	33.62 -0.14 0.00	32.86 0.07 0.00	33.26 0.00 0.00	32.63 -0.03 0.00	32.68 -0.03 0.00	36.18 0.07 0.00	50.22 0.25 0.00	64.23 0.06 0.00	53.63 0.11 0.00	44.26 0.09 0.00	41.59 0.21 0.00	39.59 0.43 -0.09	39.95 0.40 -0.03	38.59 0.27 -0.18	38.45 0.19 -0.18	40.04 -0.08 -0.04	47.59 -0.24 0.00	62.24 -0.38 0.00	74.05 0.22 -0.01	74.36 0.15 0.00	58.33 0.06 0.00	49.94 0.15 0.00	44.30 0.09 0.00	40.74 0.28 0.00
GOUDEY___8 23580	33.62 -0.14 0.00	32.86 0.07 0.00	33.26 0.00 0.00	32.63 -0.03 0.00	32.68 -0.03 0.00	36.18 0.07 0.00	50.22 0.25 0.00	64.23 0.06 0.00	53.63 0.11 0.00	44.26 0.09 0.00	41.59 0.21 0.00	39.59 0.43 -0.09	39.95 0.40 -0.03	38.59 0.27 -0.18	38.45 0.19 -0.18	40.04 -0.08 -0.04	47.59 -0.24 0.00	62.24 -0.38 0.00	74.05 0.22 -0.01	74.36 0.15 0.00	58.33 0.06 0.00	49.94 0.15 0.00	44.30 0.09 0.00	40.74 0.28 0.00
GOWANUS_GT1_1 24077	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.60 2.49 -0.01	53.53 3.55 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.50 3.31 -0.01	44.71 3.31 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.66 3.83 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.31 3.09 -0.01	43.21 2.75 -0.01
GOWANUS_GT1_2 24078	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.60 2.49 -0.01	53.53 3.55 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.50 3.31 -0.01	44.71 3.31 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.66 3.83 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.31 3.09 -0.01	43.21 2.75 -0.01
GOWANUS_GT1_3 24079	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.60 2.49 -0.01	53.53 3.55 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.50 3.31 -0.01	44.71 3.31 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.66 3.83 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.31 3.09 -0.01	43.21 2.75 -0.01
GOWANUS_GT1_4 24080	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.60 2.49 -0.01	53.53 3.55 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.50 3.31 -0.01	44.71 3.31 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.66 3.83 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.31 3.09 -0.01	43.21 2.75 -0.01
GOWANUS_GT1_5 24084	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.60 2.49 -0.01	53.53 3.55 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.50 3.31 -0.01	44.71 3.31 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.66 3.83 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.31 3.09 -0.01	43.21 2.75 -0.01
GOWANUS_GT1_6 24111	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.0																				

GOWANUS_GT2_6 24119	36.40 2.63 -0.01	34.97 2.16 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.80 3.27 -0.01	47.41 3.22 -0.01	44.46 3.06 -0.01	43.44 3.05 -1.32	43.10 3.12 -0.46	43.76 3.01 -2.60	43.89 3.12 -2.70	43.93 3.29 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.33 5.12 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.27 3.05 -0.01	43.21 2.75 -0.01
GOWANUS_GT2_7 24120	36.40 2.63 -0.01	34.97 2.16 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.80 3.27 -0.01	47.41 3.22 -0.01	44.46 3.06 -0.01	43.44 3.05 -1.32	43.10 3.12 -0.46	43.76 3.01 -2.60	43.89 3.12 -2.70	43.93 3.29 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.33 5.12 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.27 3.05 -0.01	43.21 2.75 -0.01
GOWANUS_GT2_8 24121	36.40 2.63 -0.01	34.97 2.16 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.80 3.27 -0.01	47.41 3.22 -0.01	44.46 3.06 -0.01	43.44 3.05 -1.32	43.10 3.12 -0.46	43.76 3.01 -2.60	43.89 3.12 -2.70	43.93 3.29 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.33 5.12 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.27 3.05 -0.01	43.21 2.75 -0.01
GOWANUS_GT3_1 24122	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
GOWANUS_GT3_2 24123	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
GOWANUS_GT3_3 24124	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
GOWANUS_GT3_4 24125	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
GOWANUS_GT3_5 24126	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
GOWANUS_GT3_6 24127	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
GOWANUS_GT3_7 24128	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
GOWANUS_GT3_8 24129	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
GOWANUS_GT4_1 24130	36.40 2.63 -0.01	34.97 2.16 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.60 2.49 -0.01	53.48 3.50 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.45 3.27 -0.01	44.71 3.31 -0.01	43.44 3.05 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.89 3.12 -2.70	43.93 3.29 -0.56	51.62 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.34 5.12 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.27 3.05 -0.01	43.21 2.75 -0.01
GOWANUS_GT4_2 24131	36.40 2.63 -0.01	34.97 2.16 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.60 2.49 -0.01	53.48 3.50 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.45 3.27 -0.01	44.71 3.31 -0.01	43.44 3.05 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.89 3.12 -2.70	43.93 3.29 -0.56	51.62 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.34 5.12 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.27 3.05 -0.01	43.21 2.75 -0.01
GOWANUS_GT4_3 24132	36.40 2.63 -0.01	34.97 2.16 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.60 2.49 -0.01	53.48 3.50 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.45 3.27 -0.01	44.71 3.31 -0.01	43.44 3.05 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.89 3.12 -2.70	43.93 3.29 -0.56	51.62 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.34 5.12 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.27 3.05 -0.01	43.21 2.75 -0.01
GOWANUS_GT4_4 24133	36.40 2.63 -0.01	34.97 2.16 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.60 2.49 -0.01	53.48 3.50 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.45 3.27 -0.01	44.71 3.31 -0.01	43.44 3.05 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.89 3.12 -2.70	43.93 3.29 -0.56	51.62 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.34 5.12 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.27 3.05 -0.01	43.21 2.75 -0.01

GOWANUS_GT4_5 24134	36.40 2.63 -0.01	34.97 2.16 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.60 2.49 -0.01	53.48 3.50 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.45 3.27 -0.01	44.71 3.31 -0.01	43.44 3.05 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.89 3.12 -2.70	43.93 3.29 -0.56	51.62 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.34 5.12 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.27 3.05 -0.01	43.21 2.75 -0.01
GOWANUS_GT4_6 24135	36.40 2.63 -0.01	34.97 2.16 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.60 2.49 -0.01	53.48 3.50 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.45 3.27 -0.01	44.71 3.31 -0.01	43.44 3.05 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.89 3.12 -2.70	43.93 3.29 -0.56	51.62 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.34 5.12 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.27 3.05 -0.01	43.21 2.75 -0.01
GOWANUS_GT4_7 24136	36.40 2.63 -0.01	34.97 2.16 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.60 2.49 -0.01	53.48 3.50 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.45 3.27 -0.01	44.71 3.31 -0.01	43.44 3.05 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.89 3.12 -2.70	43.93 3.29 -0.56	51.62 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.34 5.12 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.27 3.05 -0.01	43.21 2.75 -0.01
GOWANUS_GT4_8 24137	36.40 2.63 -0.01	34.97 2.16 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.60 2.49 -0.01	53.48 3.50 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.45 3.27 -0.01	44.71 3.31 -0.01	43.44 3.05 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.89 3.12 -2.70	43.93 3.29 -0.56	51.62 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.34 5.12 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.27 3.05 -0.01	43.21 2.75 -0.01
GREATVRV_69_KV_BK1 356245	36.63 2.87 0.00	34.93 2.13 0.00	35.56 2.30 0.00	34.89 2.22 0.00	35.04 2.32 0.00	38.85 2.74 0.00	53.07 3.10 0.00	68.32 4.17 0.01	56.40 2.89 0.01	46.95 2.78 0.00	44.57 3.19 0.00	42.28 3.01 -0.20	40.39 3.04 2.17	40.43 2.98 0.69	40.53 3.12 0.67	41.77 3.25 1.56	51.12 3.30 0.01	66.74 4.13 0.00	73.96 3.17 3.04	79.40 5.19 0.00	61.48 3.21 0.00	52.23 2.44 0.00	46.51 2.30 0.00	43.20 2.75 0.00
GREENBSH_115KV_TB3 55895	34.43 0.68 0.00	33.29 0.49 0.00	33.76 0.50 0.00	33.15 0.49 0.00	33.17 0.46 0.00	36.64 0.54 0.00	50.52 0.55 0.00	65.00 0.83 0.00	54.06 0.54 0.00	44.52 0.35 0.00	41.63 0.25 0.00	38.87 -0.12 0.09	39.41 -0.08 0.03	38.05 0.08 0.17	38.17 0.27 0.18	40.29 0.24 0.04	48.40 0.57 0.00	63.30 0.69 0.00	74.33 0.52 0.01	74.43 0.22 0.00	58.51 0.23 0.00	49.84 0.05 0.00	44.21 0.00 0.00	40.53 0.08 0.00
GREENDGE_115KV_TB5 80291	33.12 -0.64 0.00	32.57 -0.23 0.00	32.90 -0.37 0.00	32.27 -0.39 0.00	32.35 -0.36 0.00	35.92 -0.18 0.00	49.77 -0.20 0.00	63.65 -0.51 0.00	53.15 -0.37 0.00	44.13 -0.04 0.00	41.39 0.00 0.00	39.52 0.39 -0.06	39.90 0.36 -0.02	38.37 0.11 -0.11	38.11 -0.08 -0.11	39.67 -0.44 -0.02	47.21 -0.62 0.00	61.48 -1.13 0.00	73.75 -0.07 -0.01	73.77 -0.45 0.00	57.87 -0.41 0.00	49.59 -0.20 0.00	44.17 -0.04 0.00	40.61 0.16 0.00
GREENIDGE___3 23582	33.12 -0.64 0.00	32.57 -0.23 0.00	32.90 -0.37 0.00	32.27 -0.39 0.00	32.35 -0.36 0.00	35.92 -0.18 0.00	49.77 -0.20 0.00	63.65 -0.51 0.00	53.15 -0.37 0.00	44.13 -0.04 0.00	41.39 0.00 0.00	39.52 0.39 -0.06	39.90 0.36 -0.02	38.37 0.11 -0.11	38.11 -0.08 -0.11	39.67 -0.44 -0.02	47.21 -0.62 0.00	61.48 -1.13 0.00	73.75 -0.07 -0.01	73.77 -0.45 0.00	57.87 -0.41 0.00	49.59 -0.20 0.00	44.17 -0.04 0.00	40.61 0.16 0.00
GREENIDGE___4 23583	33.12 -0.64 0.00	32.57 -0.23 0.00	32.90 -0.37 0.00	32.27 -0.39 0.00	32.35 -0.36 0.00	36.07 -0.04 0.00	49.78 -0.20 0.00	63.65 -0.52 0.00	53.31 -0.21 0.00	44.21 0.04 0.00	41.72 0.33 0.00	39.52 0.39 -0.06	39.98 0.44 -0.02	38.56 0.30 -0.11	38.11 -0.08 -0.11	39.67 -0.44 -0.02	47.21 -0.62 0.00	61.49 -1.13 0.00	73.75 -0.07 -0.01	73.77 -0.44 0.00	57.87 -0.41 0.00	49.59 -0.20 0.00	44.17 -0.04 0.00	40.61 0.16 0.00
GREENLWN_69_KV_BK 3 55738	35.95 2.19 0.00	34.34 1.54 0.00	34.89 1.63 0.00	34.23 1.57 0.00	34.38 1.67 0.00	38.09 1.99 0.00	51.87 1.90 0.00	66.78 2.63 0.01	55.17 1.66 0.01	46.11 1.94 0.00	43.86 2.48 0.00	43.06 2.38 -1.60	43.12 2.45 -1.15	43.98 2.37 -3.47	44.13 2.47 -3.58	43.76 2.57 -1.11	50.16 2.34 0.01	65.30 2.69 0.00	73.31 2.58 3.09	77.40 3.19 0.00	59.96 1.69 0.00	50.93 1.15 0.00	45.49 1.28 0.00	42.43 1.98 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.60 2.49 -0.01	53.53 3.55 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.50 3.31 -0.01	44.71 3.31 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.66 3.83 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.31 3.09 -0.01	43.21 2.75 -0.01
GRISSOM___SOLAR 323813	35.04 1.28 0.00	33.98 1.18 0.00	34.56 1.30 0.00	33.97 1.31 0.00	34.02 1.31 0.00	37.65 1.55 0.00	52.47 2.50 0.00	67.63 3.46 0.00	55.72 2.20 0.00	45.05 0.88 0.00	41.55 0.17 0.00	38.99 -0.04 0.05	39.43 -0.08 0.02	37.97 -0.08 0.10	38.16 0.19 0.10	40.74 0.68 0.02	49.36 1.53 0.00	65.43 2.82 0.00	77.29 3.47 0.00	77.47 3.26 0.00	60.66 2.39 0.00	51.68 1.89 0.00	45.85 1.64 0.00	41.91 1.45 0.00
GROVEVILLE___HYD 323602	35.92 2.16 0.00	34.54 1.74 0.00	35.03 1.76 0.00	34.33 1.67 0.00	34.45 1.73 0.00	38.16 2.06 0.00	53.02 3.05 0.00	68.33 4.17 0.00	56.58 3.05 0.00	46.69 2.52 0.00	43.87 2.48 0.00	41.56 2.31 -0.18	41.96 2.37 -0.06	40.91 2.40 -0.36	40.85 2.40 -0.38	42.69 2.53 -0.08	50.84 3.01 0.00	66.56 3.94 0.00	78.47 4.65 0.00	78.89 4.68 0.00	61.60 3.32 0.00	52.38 2.59 0.00	46.64 2.43 0.00	42.68 2.22 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.42 -0.34 0.00	32.57 -0.23 0.00	33.00 -0.27 0.00	32.40 -0.26 0.00	32.45 -0.26 0.00	35.89 -0.22 0.00	49.72 -0.25 0.00	63.91 -0.26 0.00	53.36 -0.16 0.00	44.04 -0.13 0.00	41.30 -0.08 0.00	39.14 0.04 -0.03	39.53 0.00 -0.01	38.13 -0.08 -0.06	38.02 -0.11 -0.06	39.90 -0.20 -0.01	47.50 -0.33 0.00	62.11 -0.50 0.00	74.21 -0.22 -0.61	74.48 -0.37 -0.64	57.98 -0.41 -0.11	49.44 -0.35 0.00	43.95 -0.35 -0.09	40.17 -0.28 0.00
HAMLTNNY_34_KV_TB 80303	33.42 -0.34 0.00	32.60 -0.20 0.00	33.03 -0.23 0.00	32.44 -0.23 0.00	32.48 -0.23 0.00	35.92 -0.18 0.00	49.82 -0.15 0.00	63.97 -0.19 0.00	53.42 -0.11 0.00	44.13 -0.04 0.00	41.34 -0.04 0.00	39.22 0.12 -0.03	39.65 0.12 -0.01	38.21 0.00 -0.06	38.10 -0.04 -0.07	39.90 -0.20 -0.01	47.54 -0.29 0.00	62.17 -0.44 0.00	74.42 0.00 -0.60	74.62 -0.22 -0.63	58.09 -0.29 -0.11	49.59 -0.20 0.00	44.03 -0.27 -0.09	40.25 -0.20 0.00

HAMPSHIRE___PAPER_HYD 323593	34.00 0.24 0.00	33.16 0.36 0.00	33.46 0.20 0.00	32.86 0.20 0.00	33.07 0.36 0.00	36.39 0.29 0.00	50.47 0.50 0.00	64.62 0.45 0.00	54.11 0.59 0.00	44.30 0.13 0.00	41.68 0.29 0.00	39.35 0.28 0.00	39.92 0.40 0.00	38.49 0.34 0.00	38.27 0.19 0.00	40.84 0.76 0.00	48.36 0.53 0.00	63.42 0.81 0.00	75.02 0.96 -0.24	75.95 1.48 -0.26	59.71 1.40 -0.04	51.08 1.29 0.00	45.35 1.11 -0.03	41.14 0.69 0.00
HARDSCRABBLE_WT_PWR 323673	34.84 1.08 0.00	33.85 1.05 0.00	34.30 1.03 0.00	33.64 0.98 0.00	33.79 1.08 0.00	37.33 1.23 0.00	51.72 1.75 0.00	66.35 2.18 0.00	55.40 1.87 0.00	45.62 1.46 0.00	42.83 1.45 0.00	40.44 1.37 0.00	40.87 1.34 0.00	39.37 1.22 0.00	39.29 1.22 0.00	41.45 1.36 0.00	49.41 1.58 0.00	64.55 1.94 0.00	76.18 2.36 0.00	76.81 2.60 0.00	60.26 1.98 0.00	51.53 1.74 0.00	45.72 1.50 0.00	41.87 1.42 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.99 2.23 0.00	34.60 1.80 0.00	35.06 1.80 0.00	34.36 1.70 0.00	34.51 1.80 0.00	38.23 2.13 0.00	53.18 3.20 0.00	68.40 4.23 0.00	56.69 3.16 0.00	46.73 2.56 0.00	44.04 2.65 -1.07	42.65 2.50 -0.37	42.42 2.53 -0.12	42.82 2.56 -2.20	42.82 2.55 -0.45	43.22 2.69 0.00	50.89 3.06 0.00	66.68 4.07 0.00	78.82 4.87 -0.13	79.11 4.90 0.00	61.71 3.44 0.00	52.48 2.69 0.00	46.73 2.52 0.00	42.76 2.31 0.00
HARSNRAD_115KV_TB1 81005	31.73 -2.03 0.00	31.72 -1.08 0.00	31.83 -1.43 0.00	31.06 -1.60 0.00	31.27 -1.44 0.00	34.55 -1.55 0.00	47.63 -2.35 0.00	59.48 -4.68 0.00	50.26 -3.27 0.00	42.14 -2.03 0.00	39.44 -1.95 -0.04	38.26 -0.86 -0.01	38.55 -0.99 -0.01	36.82 -1.41 -0.08	36.37 -1.79 -0.09	37.30 -2.81 -0.02	44.00 -3.83 0.00	57.16 -5.45 0.00	68.58 -5.24 0.00	68.94 -5.27 0.00	54.78 -3.50 0.00	47.85 -1.94 0.00	42.22 -1.99 0.00	39.36 -1.09 0.00
HARZA MOOSE___RIVER 24016	34.10 0.34 0.00	33.22 0.43 0.00	33.60 0.33 0.00	32.96 0.29 0.00	33.17 0.46 0.00	36.57 0.47 0.00	50.87 0.90 0.00	65.32 1.15 0.00	54.70 1.18 0.00	44.83 0.66 0.00	42.05 0.66 0.00	39.66 0.59 0.00	40.12 0.59 0.00	38.64 0.50 0.00	38.46 0.38 0.00	41.05 0.96 0.00	48.88 1.05 0.00	63.99 1.38 0.00	75.90 1.92 -0.16	76.83 2.45 -0.17	60.11 1.81 -0.03	50.98 1.19 0.00	45.12 0.88 -0.02	41.14 0.69 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	33.22 -0.54 0.00	32.37 -0.43 0.00	32.80 -0.47 0.00	32.21 -0.46 0.00	32.25 -0.46 0.00	35.67 -0.43 0.00	49.42 -0.55 0.00	63.46 -0.71 0.00	52.99 -0.54 0.00	43.77 -0.40 0.00	41.01 -0.37 0.00	38.87 -0.23 -0.03	39.30 -0.24 -0.01	37.90 -0.31 -0.06	37.79 -0.34 -0.06	39.61 -0.48 -0.01	47.16 -0.67 0.00	61.67 -0.94 0.00	73.08 -0.74 0.00	73.32 -0.89 0.00	57.52 -0.76 0.00	49.14 -0.65 0.00	43.55 -0.66 0.00	39.93 -0.53 0.00
HELLGATE_13_KV_LD 55870	36.57 2.80 -0.01	35.14 2.33 -0.01	35.57 2.30 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.75 2.64 -0.01	53.83 3.85 -0.01	69.11 4.94 -0.01	57.28 3.75 -0.01	47.63 3.45 -0.01	44.88 3.48 -0.01	43.68 3.28 -1.32	43.30 3.32 -0.46	44.03 3.28 -2.60	44.12 3.35 -2.70	44.09 3.45 -0.56	51.76 3.92 -0.01	67.31 4.70 -0.01	79.14 5.02 -0.30	79.63 5.42 -0.01	62.06 3.79 0.00	53.08 3.29 -0.01	47.31 3.09 -0.01	43.37 2.91 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.57 2.80 -0.01	35.14 2.33 -0.01	35.57 2.30 -0.01	34.86 2.19 -0.01	35.01 2.29 -0.01	38.75 2.64 -0.01	53.83 3.85 -0.01	69.11 4.94 -0.01	57.28 3.75 -0.01	47.63 3.45 -0.01	44.88 3.48 -0.01	43.68 3.28 -1.32	43.30 3.32 -0.46	44.03 3.28 -2.60	44.12 3.35 -2.70	44.09 3.45 -0.56	51.76 3.92 -0.01	67.31 4.70 -0.01	79.14 5.02 -0.30	79.63 5.42 -0.01	62.06 3.79 0.00	53.08 3.29 -0.01	47.31 3.09 -0.01	43.37 2.91 -0.01
HEMPSTEAD___ 23647	36.02 2.26 0.00	34.44 1.64 0.00	34.99 1.73 0.00	34.33 1.66 0.00	34.48 1.77 0.00	38.02 1.91 0.00	52.47 2.50 0.00	67.36 3.21 0.01	55.76 2.25 0.01	46.46 2.30 0.00	43.70 2.32 0.00	43.07 2.69 -1.30	42.65 2.69 -0.44	43.32 2.60 -2.58	43.53 2.78 -2.68	43.51 2.89 -0.54	50.74 2.92 0.01	66.11 3.50 0.00	76.01 3.76 1.57	78.36 4.15 0.00	60.83 2.56 0.00	51.73 1.94 0.00	46.15 1.94 0.00	42.69 2.22 -0.01
HICKLING___1 23621	33.02 -0.74 0.00	32.54 -0.26 0.00	32.83 -0.43 0.00	32.17 -0.49 0.00	32.25 -0.46 0.00	35.81 -0.29 0.00	49.82 -0.15 0.00	63.33 -0.83 0.00	52.94 -0.59 0.00	43.77 -0.40 0.00	41.18 -0.21 0.00	39.50 0.35 -0.07	39.82 0.28 -0.02	38.29 0.00 -0.14	38.07 -0.15 -0.14	39.43 -0.68 -0.03	46.68 -1.15 0.00	61.11 -1.50 0.00	73.39 -0.44 -0.01	73.47 -0.74 0.00	57.69 -0.58 0.00	49.59 -0.20 0.00	43.95 -0.27 0.00	40.57 0.12 0.00
HICKLING___2 23622	33.02 -0.74 0.00	32.54 -0.26 0.00	32.83 -0.43 0.00	32.17 -0.49 0.00	32.25 -0.46 0.00	35.81 -0.29 0.00	49.82 -0.15 0.00	63.33 -0.83 0.00	52.94 -0.59 0.00	43.77 -0.40 0.00	41.18 -0.21 0.00	39.50 0.35 -0.07	39.82 0.28 -0.02	38.29 0.00 -0.14	38.07 -0.15 -0.14	39.43 -0.68 -0.03	46.68 -1.15 0.00	61.11 -1.50 0.00	73.39 -0.44 -0.01	73.47 -0.74 0.00	57.69 -0.58 0.00	49.59 -0.20 0.00	43.95 -0.27 0.00	40.57 0.12 0.00
HIGH FALLS___HY 23754	36.19 2.43 0.00	34.80 2.00 0.00	35.29 2.03 0.00	34.56 1.89 0.00	34.71 2.00 0.00	38.45 2.35 0.00	53.62 3.65 0.00	70.13 5.97 0.00	57.97 4.44 0.00	47.70 3.53 0.00	44.86 3.48 0.00	42.62 3.36 -0.18	42.98 3.40 -0.06	41.86 3.36 -0.36	41.68 3.24 -0.37	43.65 3.49 -0.08	52.04 4.21 0.00	68.31 5.70 0.00	80.77 6.94 -0.01	81.41 7.20 0.00	63.40 5.13 0.00	53.87 4.08 0.00	47.97 3.76 0.00	43.81 3.36 0.00
HIGH_RIVER___SOLAR 323847	34.94 1.18 0.00	33.85 1.05 0.00	34.43 1.16 0.00	33.84 1.17 0.00	33.89 1.18 0.00	37.51 1.41 0.00	52.17 2.20 0.00	67.18 3.02 0.00	55.29 1.76 0.00	44.79 0.62 0.00	41.47 0.08 0.05	38.94 -0.08 0.02	39.39 -0.12 0.11	37.93 -0.11 0.11	38.04 0.08 0.02	40.58 0.52 0.02	49.12 1.29 0.00	64.99 2.38 0.00	76.84 3.03 0.01	77.10 2.89 0.00	60.37 2.09 0.00	51.48 1.69 0.00	45.63 1.41 0.00	41.75 1.29 0.00
HILLBURN___GT 23639	36.02 2.26 0.00	34.60 1.80 0.00	35.06 1.79 0.00	34.36 1.70 0.00	34.51 1.80 0.00	38.16 2.06 0.00	53.08 3.10 0.00	68.21 4.04 0.00	56.58 3.05 0.00	46.73 2.56 0.00	43.91 2.52 -1.13	42.78 2.58 -0.39	42.56 2.65 -0.24	42.98 2.60 -2.32	43.06 2.66 -2.32	43.32 2.76 -0.47	50.94 3.11 0.00	66.56 3.95 0.00	78.69 4.73 -0.14	78.97 4.75 0.00	61.60 3.32 0.00	52.38 2.59 0.00	46.69 2.47 0.00	42.76 2.30 0.00
HILLSIDE_115KV_TB1 80332	32.81 -0.95 0.00	32.27 -0.52 0.00	32.60 -0.67 0.00	31.91 -0.75 0.00	31.99 -0.72 0.00	35.53 -0.58 0.00	49.33 -0.65 0.00	62.69 -1.48 0.00	52.40 -1.12 0.00	43.24 -0.93 0.00	40.77 -0.62 0.00	38.99 -0.16 -0.07	39.35 -0.20 -0.02	37.87 -0.42 -0.14	37.65 -0.57 -0.15	39.03 -1.08 -0.03	46.20 -1.63 0.00	60.48 -2.13 0.00	72.50 -1.33 -0.01	72.65 -1.56 0.00	57.05 -1.22 0.00	49.04 -0.75 0.00	43.46 -0.75 0.00	40.13 -0.32 0.00

HISHELDN_WT_PWR 323625	31.56 -2.19 0.00	31.59 -1.21 0.00	31.70 -1.56 0.00	31.00 -1.66 0.00	31.08 -1.63 0.00	34.73 -1.37 0.00	47.78 -2.20 0.00	59.86 -4.30 0.00	50.63 -2.89 0.00	42.09 -2.08 0.00	40.18 -1.20 0.00	38.11 -1.02 -0.05	38.59 -0.95 -0.02	37.18 -1.07 -0.10	36.39 -1.79 -0.11	37.38 -2.73 -0.02	44.19 -3.64 0.00	57.73 -4.88 0.00	69.32 -4.51 0.00	69.54 -4.67 0.00	55.18 -3.09 0.00	48.10 -1.69 0.00	42.58 -1.63 0.00	39.56 -0.89 0.00
HOLTSVILLE_IC_1 23690	36.16 2.40 0.00	34.47 1.67 0.00	35.06 1.79 0.00	34.39 1.73 0.00	34.54 1.83 0.00	37.94 1.84 0.00	51.97 2.00 0.00	66.40 2.24 0.01	54.96 1.45 0.01	45.98 1.81 0.00	43.20 1.82 0.00	40.12 2.19 1.14	36.35 2.17 5.34	35.55 2.06 4.66	35.60 2.25 4.73	38.31 2.32 4.10	50.21 2.39 0.01	65.43 2.82 0.00	72.91 2.29 3.21	77.70 3.49 0.00	60.31 2.04 0.01	51.23 1.44 0.00	45.53 1.33 0.01	42.35 1.90 0.00
HOLTSVILLE_IC_10 23699	36.29 2.53 0.00	34.60 1.80 0.00	35.19 1.93 0.00	34.56 1.89 0.00	34.68 1.96 0.00	38.12 2.02 0.00	52.22 2.25 0.00	66.65 2.50 0.01	55.23 1.71 0.01	46.20 2.03 0.00	43.41 2.03 0.00	40.33 2.30 1.05	36.73 2.33 5.13	35.97 2.21 4.39	35.95 2.32 4.45	38.56 2.40 3.92	50.35 2.53 0.01	65.80 3.19 0.00	73.24 2.58 3.17	78.21 4.00 0.00	60.72 2.45 0.01	51.53 1.74 0.00	45.75 1.55 0.01	42.47 2.02 0.00
HOLTSVILLE_IC_2 23691	36.16 2.40 0.00	34.47 1.67 0.00	35.06 1.79 0.00	34.39 1.73 0.00	34.54 1.83 0.00	37.94 1.84 0.00	51.97 2.00 0.00	66.40 2.24 0.01	54.96 1.45 0.01	45.98 1.81 0.00	43.20 1.82 0.00	40.12 2.19 1.14	36.35 2.17 5.34	35.55 2.06 4.66	35.60 2.25 4.73	38.31 2.32 4.10	50.21 2.39 0.01	65.43 2.82 0.00	72.91 2.29 3.21	77.70 3.49 0.00	60.31 2.04 0.01	51.23 1.44 0.00	45.53 1.33 0.01	42.35 1.90 0.00
HOLTSVILLE_IC_3 23692	36.16 2.40 0.00	34.47 1.67 0.00	35.06 1.79 0.00	34.39 1.73 0.00	34.54 1.83 0.00	37.94 1.84 0.00	51.97 2.00 0.00	66.40 2.24 0.01	54.96 1.45 0.01	45.98 1.81 0.00	43.20 1.82 0.00	40.12 2.19 1.14	36.35 2.17 5.34	35.55 2.06 4.66	35.60 2.25 4.73	38.31 2.32 4.10	50.21 2.39 0.01	65.43 2.82 0.00	72.91 2.29 3.21	77.70 3.49 0.00	60.31 2.04 0.01	51.23 1.44 0.00	45.53 1.33 0.01	42.35 1.90 0.00
HOLTSVILLE_IC_4 23693	36.16 2.40 0.00	34.47 1.67 0.00	35.06 1.79 0.00	34.39 1.73 0.00	34.54 1.83 0.00	37.94 1.84 0.00	51.97 2.00 0.00	66.40 2.24 0.01	54.96 1.45 0.01	45.98 1.81 0.00	43.20 1.82 0.00	40.12 2.19 1.14	36.35 2.17 5.34	35.55 2.06 4.66	35.60 2.25 4.73	38.31 2.32 4.10	50.21 2.39 0.01	65.43 2.82 0.00	72.91 2.29 3.21	77.70 3.49 0.00	60.31 2.04 0.01	51.23 1.44 0.00	45.53 1.33 0.01	42.35 1.90 0.00
HOLTSVILLE_IC_5 23694	36.16 2.40 0.00	34.47 1.67 0.00	35.06 1.79 0.00	34.39 1.73 0.00	34.54 1.83 0.00	37.94 1.84 0.00	51.97 2.00 0.00	66.40 2.24 0.01	54.96 1.45 0.01	45.98 1.81 0.00	43.20 1.82 0.00	40.12 2.19 1.14	36.35 2.17 5.34	35.55 2.06 4.66	35.60 2.25 4.73	38.31 2.32 4.10	50.21 2.39 0.01	65.43 2.82 0.00	72.91 2.29 3.21	77.70 3.49 0.00	60.31 2.04 0.01	51.23 1.44 0.00	45.53 1.33 0.01	42.35 1.90 0.00
HOLTSVILLE_IC_6 23695	36.29 2.53 0.00	34.60 1.80 0.00	35.19 1.93 0.00	34.56 1.89 0.00	34.68 1.96 0.00	38.12 2.02 0.00	52.22 2.25 0.00	66.65 2.50 0.01	55.23 1.71 0.01	46.20 2.03 0.00	43.41 2.03 0.00	40.33 2.30 1.05	36.73 2.33 5.13	35.97 2.21 4.39	35.95 2.32 4.45	38.56 2.40 3.92	50.35 2.53 0.01	65.80 3.19 0.00	73.24 2.58 3.17	78.21 4.00 0.00	60.72 2.45 0.01	51.53 1.74 0.00	45.75 1.55 0.01	42.47 2.02 0.00
HOLTSVILLE_IC_7 23696	36.29 2.53 0.00	34.60 1.80 0.00	35.19 1.93 0.00	34.56 1.89 0.00	34.68 1.96 0.00	38.12 2.02 0.00	52.22 2.25 0.00	66.65 2.50 0.01	55.23 1.71 0.01	46.20 2.03 0.00	43.41 2.03 0.00	40.33 2.30 1.05	36.73 2.33 5.13	35.97 2.21 4.39	35.95 2.32 4.45	38.56 2.40 3.92	50.35 2.53 0.01	65.80 3.19 0.00	73.24 2.58 3.17	78.21 4.00 0.00	60.72 2.45 0.01	51.53 1.74 0.00	45.75 1.55 0.01	42.47 2.02 0.00
HOLTSVILLE_IC_8 23697	36.29 2.53 0.00	34.60 1.80 0.00	35.19 1.93 0.00	34.56 1.89 0.00	34.68 1.96 0.00	38.12 2.02 0.00	52.22 2.25 0.00	66.65 2.50 0.01	55.23 1.71 0.01	46.20 2.03 0.00	43.41 2.03 0.00	40.33 2.30 1.05	36.73 2.33 5.13	35.97 2.21 4.39	35.95 2.32 4.45	38.56 2.40 3.92	50.35 2.53 0.01	65.80 3.19 0.00	73.24 2.58 3.17	78.21 4.00 0.00	60.72 2.45 0.01	51.53 1.74 0.00	45.75 1.55 0.01	42.47 2.02 0.00
HOLTSVILLE_IC_9 23698	36.29 2.53 0.00	34.60 1.80 0.00	35.19 1.93 0.00	34.56 1.89 0.00	34.68 1.96 0.00	38.12 2.02 0.00	52.22 2.25 0.00	66.65 2.50 0.01	55.23 1.71 0.01	46.20 2.03 0.00	43.41 2.03 0.00	40.33 2.30 1.05	36.73 2.33 5.13	35.97 2.21 4.39	35.95 2.32 4.45	38.56 2.40 3.92	50.35 2.53 0.01	65.80 3.19 0.00	73.24 2.58 3.17	78.21 4.00 0.00	60.72 2.45 0.01	51.53 1.74 0.00	45.75 1.55 0.01	42.47 2.02 0.00
HOMER_HL_115KV_TB2 355744	31.77 -1.99 0.00	31.55 -1.25 0.00	31.77 -1.50 0.00	31.03 -1.63 0.00	31.18 -1.54 0.00	34.62 -1.48 0.00	48.18 -1.80 0.00	60.44 -3.72 0.00	50.69 -2.84 0.00	41.96 -2.21 0.00	39.61 -1.78 0.00	38.19 -0.94 -0.05	38.51 -1.03 -0.02	36.88 -1.37 -0.10	36.51 -1.68 -0.11	37.50 -2.61 -0.02	44.20 -3.64 0.00	57.98 -4.63 0.00	70.06 -3.76 0.00	70.58 -3.64 0.00	55.48 -2.80 0.00	48.05 -1.74 0.00	42.53 -1.68 0.00	39.48 -0.97 0.00
HOWARD_WT_PWR 323690	31.53 -2.23 0.00	31.39 -1.41 0.00	31.60 -1.66 0.00	30.96 -1.70 0.00	31.05 -1.67 0.00	34.77 -1.34 0.00	48.13 -1.85 0.00	61.08 -3.08 0.00	51.33 -2.20 0.00	42.36 -1.81 0.00	40.18 -1.20 0.00	38.12 -1.02 -0.06	38.60 -0.95 -0.02	37.24 -1.03 -0.12	36.64 -1.56 -0.12	37.83 -2.28 -0.03	44.91 -2.92 0.00	58.98 -3.63 0.00	71.10 -2.73 -0.01	71.17 -3.05 0.00	56.18 -2.10 0.00	48.59 -1.20 0.00	43.11 -1.10 0.00	39.89 -0.57 0.00
HQ_GEN_CEDARS 23644	33.93 0.17 0.00	33.03 0.23 0.00	33.40 0.13 0.00	32.86 0.20 0.00	32.91 0.20 0.00	36.21 0.11 0.00	50.17 0.20 0.00	64.36 0.19 0.00	53.79 0.27 0.00	44.39 0.22 0.00	41.63 0.25 0.00	39.43 0.35 0.00	39.92 0.40 0.00	38.49 0.34 0.00	38.30 0.23 0.00	40.52 0.44 0.00	48.21 0.38 0.00	63.36 0.75 0.00	74.48 0.66 0.00	75.03 0.82 0.00	59.09 0.82 0.00	50.59 0.80 0.00	45.05 0.84 0.00	40.98 0.53 0.00
HQ_GEN_CEDARS_PROXY 323590	33.93 0.17 0.00	33.03 0.23 0.00	33.40 0.13 0.00	32.86 0.20 0.00	32.91 0.20 0.00	36.06 0.11 0.15	50.33 0.20 -0.15	64.36 0.19 0.00	53.79 0.27 0.00	44.39 0.22 0.00	41.59 0.21 0.00	39.43 0.35 0.00	39.84 0.31 0.00	38.49 0.34 0.00	38.31 0.23 0.00	40.53 0.44 0.00	48.21 0.38 0.00	63.37 0.75 0.00	74.48 0.66 0.00	75.03 0.82 0.00	59.09 0.82 0.00	51.10 0.79 -0.52	44.54 0.84 0.52	40.98 0.52 0.00

HQ_GEN_IMPORT 323601	33.79 0.03 0.00	32.86 0.07 0.00	33.30 0.03 0.00	32.70 0.03 0.00	32.75 0.03 0.00	35.95 0.00 0.15	50.13 0.00 -0.15	64.16 0.00 0.00	53.52 0.00 0.00	44.21 0.04 0.00	41.39 0.00 0.00	39.15 0.08 0.00	39.60 0.08 0.00	38.23 0.08 0.00	38.15 0.08 0.00	40.20 0.12 0.00	47.93 0.10 0.00	62.86 0.25 0.00	74.04 0.22 0.00	74.43 0.22 0.00	58.51 0.23 0.00	50.50 0.20 -0.52	43.96 0.27 0.52	40.61 0.16 0.00
HQ_GEN_WHEEL 23651	33.79 0.03 0.00	32.86 0.07 0.00	33.30 0.03 0.00	32.70 0.03 0.00	32.75 0.03 0.00	35.95 0.00 0.15	50.13 0.00 -0.15	64.16 0.00 0.00	53.52 0.00 0.00	44.21 0.04 0.00	41.39 0.00 0.00	39.15 0.08 0.00	39.60 0.08 0.00	38.23 0.08 0.00	38.15 0.08 0.00	40.20 0.12 0.00	47.93 0.10 0.00	62.86 0.25 0.00	74.04 0.22 0.00	74.43 0.22 0.00	58.51 0.23 0.00	50.50 0.20 -0.52	43.96 0.27 0.52	40.61 0.16 0.00
HUDSON AVE_GT_3 23810	36.29 2.53 0.00	34.83 2.03 0.00	35.29 2.03 0.00	34.56 1.89 0.00	34.74 2.03 0.00	38.45 2.35 0.00	53.43 3.45 -0.01	68.85 4.68 -0.01	57.17 3.64 -0.01	47.27 3.09 -0.01	44.54 3.15 -0.01	43.36 2.97 -1.31	42.98 3.00 -0.45	43.72 2.98 -2.59	43.81 3.05 -2.69	43.80 3.17 -0.55	51.42 3.59 -0.01	67.06 4.45 -0.01	79.19 5.09 -0.28	79.34 5.12 -0.01	61.89 3.61 0.00	52.73 2.94 -0.01	46.95 2.74 0.00	43.00 2.55 0.00
HUDSON AVE_GT_4 23540	36.29 2.53 0.00	34.83 2.03 0.00	35.29 2.03 0.00	34.56 1.89 0.00	34.74 2.03 0.00	38.45 2.35 0.00	53.43 3.45 -0.01	68.85 4.68 -0.01	57.17 3.64 -0.01	47.27 3.09 -0.01	44.54 3.15 -0.01	43.36 2.97 -1.31	42.98 3.00 -0.45	43.72 2.98 -2.59	43.81 3.05 -2.69	43.80 3.17 -0.55	51.42 3.59 -0.01	67.06 4.45 -0.01	79.19 5.09 -0.28	79.34 5.12 -0.01	61.89 3.61 0.00	52.73 2.94 -0.01	46.95 2.74 0.00	43.00 2.55 0.00
HUDSON AVE_GT_5 23657	36.29 2.53 0.00	34.83 2.03 0.00	35.29 2.03 0.00	34.56 1.89 0.00	34.74 2.03 0.00	38.45 2.35 0.00	53.43 3.45 -0.01	68.85 4.68 -0.01	57.17 3.64 -0.01	47.27 3.09 -0.01	44.54 3.15 -0.01	43.36 2.97 -1.31	42.98 3.00 -0.45	43.72 2.98 -2.59	43.81 3.05 -2.69	43.80 3.17 -0.55	51.42 3.59 -0.01	67.06 4.45 -0.01	79.19 5.09 -0.28	79.34 5.12 -0.01	61.89 3.61 0.00	52.73 2.94 -0.01	46.95 2.74 0.00	43.00 2.55 0.00
HUDSON_AVE_10 24168	36.26 2.50 0.00	34.77 1.97 0.00	35.23 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.41 2.31 0.00	53.38 3.40 -0.01	68.79 4.62 -0.01	57.12 3.59 -0.01	47.22 3.05 -0.01	44.41 3.02 -0.01	43.24 2.85 -1.31	42.82 2.85 -0.45	43.60 2.86 -2.59	43.70 2.93 -2.69	43.68 3.05 -0.55	51.33 3.49 -0.01	66.81 4.19 -0.01	78.97 4.87 -0.28	79.11 4.90 -0.01	61.71 3.44 0.00	52.58 2.79 -0.01	46.82 2.61 0.00	42.88 2.43 0.00
HUDSON___115KV_TB 4 355613	34.91 1.15 0.00	33.78 0.98 0.00	34.26 1.00 0.00	33.64 0.98 0.00	34.41 1.70 0.00	38.12 2.02 0.00	53.07 3.10 0.00	68.33 4.17 0.00	56.09 2.57 0.00	45.63 1.46 0.00	42.38 0.99 0.00	39.42 0.39 0.04	39.90 0.40 0.02	38.63 0.57 0.09	38.67 0.69 0.09	40.99 0.92 0.02	48.98 1.15 0.00	64.49 1.88 0.00	75.73 1.92 0.01	76.07 1.86 0.00	59.61 1.34 0.00	50.74 0.95 0.00	45.05 0.84 0.00	41.26 0.81 0.00
HUNTER MOUNT___DRP 323613	34.94 1.18 0.00	33.82 1.02 0.00	34.29 1.03 0.00	33.68 1.01 0.00	34.18 1.47 0.00	37.87 1.77 0.00	52.72 2.75 0.00	67.82 3.66 0.00	55.67 2.14 0.00	45.32 1.15 0.00	42.09 0.70 0.00	39.13 0.08 0.03	39.63 0.12 0.01	38.36 0.27 0.05	38.40 0.38 0.06	40.67 0.60 0.01	48.93 1.10 0.00	64.55 1.94 0.00	75.73 1.92 0.01	76.21 2.00 0.00	59.73 1.46 0.00	50.84 1.05 0.00	45.10 0.88 0.00	41.30 0.85 0.00
HUNTINGTON_RES_REC 323705	36.09 2.33 0.00	34.41 1.61 0.00	34.99 1.73 0.00	34.33 1.66 0.00	34.48 1.77 0.00	37.94 1.84 0.00	51.92 1.95 0.00	66.46 2.31 0.01	54.96 1.45 0.01	46.02 1.85 0.00	43.25 1.86 0.00	38.25 2.30 3.13	31.79 2.33 10.06	29.80 2.21 10.56	29.71 2.40 10.77	34.68 2.49 7.89	50.21 2.39 0.01	65.43 2.82 0.00	73.26 2.58 3.15	77.70 3.49 0.00	60.31 2.04 0.01	51.18 1.39 0.00	45.58 1.37 0.01	42.47 2.02 0.00
HUNTLEY___63 23557	31.87 -1.89 0.00	31.98 -0.82 0.00	32.13 -1.13 0.00	31.33 -1.34 0.00	31.40 -1.31 0.00	34.80 -1.30 0.00	48.03 -1.95 0.00	59.86 -4.30 0.00	50.63 -2.89 0.00	42.40 -1.77 0.00	39.73 -1.66 0.00	38.53 -0.59 -0.04	38.87 -0.67 -0.02	37.09 -1.14 -0.09	36.68 -1.48 -0.09	37.54 -2.57 -0.02	44.29 -3.54 0.00	57.60 -5.01 0.00	69.02 -4.80 0.00	69.54 -4.68 0.00	55.19 -3.09 0.00	48.25 -1.54 0.00	42.62 -1.59 0.00	39.68 -0.77 0.00
HUNTLEY___64 23558	31.87 -1.89 0.00	31.98 -0.82 0.00	32.13 -1.13 0.00	31.33 -1.34 0.00	31.40 -1.31 0.00	34.80 -1.30 0.00	48.03 -1.95 0.00	59.86 -4.30 0.00	50.63 -2.89 0.00	42.40 -1.77 0.00	39.73 -1.66 0.00	38.53 -0.59 -0.04	38.87 -0.67 -0.02	37.09 -1.14 -0.09	36.68 -1.48 -0.09	37.54 -2.57 -0.02	44.29 -3.54 0.00	57.60 -5.01 0.00	69.02 -4.80 0.00	69.54 -4.68 0.00	55.19 -3.09 0.00	48.25 -1.54 0.00	42.62 -1.59 0.00	39.68 -0.77 0.00
HUNTLEY___65 23559	31.87 -1.89 0.00	31.98 -0.82 0.00	32.13 -1.13 0.00	31.33 -1.34 0.00	31.40 -1.31 0.00	34.80 -1.30 0.00	48.03 -1.95 0.00	59.86 -4.30 0.00	50.63 -2.89 0.00	42.40 -1.77 0.00	39.73 -1.66 0.00	38.53 -0.59 -0.04	38.87 -0.67 -0.02	37.09 -1.14 -0.09	36.68 -1.48 -0.09	37.54 -2.57 -0.02	44.29 -3.54 0.00	57.60 -5.01 0.00	69.02 -4.80 0.00	69.54 -4.68 0.00	55.19 -3.09 0.00	48.25 -1.54 0.00	42.62 -1.59 0.00	39.68 -0.77 0.00
HUNTLEY___66 23560	31.87 -1.89 0.00	31.98 -0.82 0.00	32.13 -1.13 0.00	31.33 -1.34 0.00	31.40 -1.31 0.00	34.80 -1.30 0.00	48.03 -1.95 0.00	59.86 -4.30 0.00	50.63 -2.89 0.00	42.40 -1.77 0.00	39.73 -1.66 0.00	38.53 -0.59 -0.04	38.87 -0.67 -0.02	37.09 -1.14 -0.09	36.68 -1.48 -0.09	37.54 -2.57 -0.02	44.29 -3.54 0.00	57.60 -5.01 0.00	69.02 -4.80 0.00	69.54 -4.68 0.00	55.19 -3.09 0.00	48.25 -1.54 0.00	42.62 -1.59 0.00	39.68 -0.77 0.00
HUNTLEY___67 23561	31.73 -2.03 0.00	31.78 -1.02 0.00	31.90 -1.36 0.00	31.13 -1.54 0.00	31.24 -1.47 0.00	34.62 -1.48 0.00	47.73 -2.25 0.00	59.61 -4.56 0.00	50.37 -3.16 0.00	42.18 -1.99 0.00	39.52 -1.86 0.00	38.30 -0.82 -0.05	38.63 -0.91 -0.02	36.90 -1.34 -0.09	36.49 -1.68 -0.09	37.38 -2.73 -0.02	44.10 -3.73 0.00	57.29 -5.32 0.00	68.73 -5.09 0.00	69.17 -5.05 0.00	54.89 -3.38 0.00	47.95 -1.84 0.00	42.31 -1.90 0.00	39.44 -1.01 0.00
HUNTLEY___68 23562	31.73 -2.03 0.00	31.78 -1.02 0.00	31.90 -1.36 0.00	31.13 -1.54 0.00	31.24 -1.47 0.00	34.62 -1.48 0.00	47.73 -2.25 0.00	59.61 -4.56 0.00	50.37 -3.16 0.00	42.18 -1.99 0.00	39.52 -1.86 0.00	38.30 -0.82 -0.05	38.63 -0.91 -0.02	36.90 -1.34 -0.09	36.49 -1.68 -0.09	37.38 -2.73 -0.02	44.10 -3.73 0.00	57.29 -5.32 0.00	68.73 -5.09 0.00	69.17 -5.05 0.00	54.89 -3.38 0.00	47.95 -1.84 0.00	42.31 -1.90 0.00	39.44 -1.01 0.00

HYLAND___LFGE 323620	33.59 -0.17 0.00	33.36 0.56 0.00	33.56 0.30 0.00	32.92 0.26 0.00	33.04 0.33 0.00	37.04 0.94 0.00	51.62 1.65 0.00	65.90 1.73 0.00	54.70 1.18 0.00	44.61 0.44 0.00	42.01 0.62 0.00	39.55 0.43 -0.05	39.89 0.35 -0.02	38.44 0.19 -0.10	37.83 -0.34 -0.10	39.38 -0.72 -0.02	47.40 -0.43 0.00	62.93 0.31 0.00	76.47 2.65 0.00	76.44 2.22 0.00	60.08 1.81 0.00	51.73 1.94 0.00	45.58 1.37 0.00	41.91 1.45 0.00
INDECK___CORINTH 23802	34.70 0.94 0.00	33.58 0.79 0.00	34.19 0.93 0.00	33.64 0.98 0.00	33.63 0.91 0.00	37.11 1.01 0.00	51.47 1.50 0.00	66.41 2.24 0.00	55.13 1.60 0.00	45.10 0.93 0.00	41.72 0.33 0.00	39.19 0.20 0.08	39.70 0.20 0.03	38.19 0.19 0.15	38.38 0.46 0.16	40.65 0.60 0.03	48.98 1.15 0.00	64.43 1.82 0.00	75.88 2.06 0.01	75.92 1.71 0.00	59.50 1.23 0.00	50.58 0.79 0.00	44.92 0.71 0.00	41.14 0.69 0.00
INDECK___ILION 23567	34.43 0.68 0.00	33.45 0.66 0.00	33.93 0.67 0.00	33.29 0.62 0.00	33.40 0.69 0.00	36.86 0.76 0.00	51.07 1.10 0.00	65.57 1.41 0.00	54.76 1.23 0.00	45.10 0.93 0.00	42.30 0.91 0.00	39.93 0.86 0.00	40.35 0.83 0.00	38.91 0.76 0.00	38.84 0.76 0.00	40.93 0.84 0.00	48.84 1.00 0.00	63.80 1.19 0.00	75.30 1.48 0.00	75.84 1.63 0.00	59.50 1.22 0.00	50.89 1.10 0.00	45.10 0.88 0.00	41.30 0.85 0.00
INDECK___OLEAN 23982	31.77 -1.99 0.00	31.55 -1.25 0.00	31.77 -1.50 0.00	31.06 -1.60 0.00	31.18 -1.54 0.00	34.88 -1.23 0.00	48.28 -1.70 0.00	60.51 -3.65 0.00	50.96 -2.57 0.00	42.05 -2.12 0.00	40.18 -1.20 0.00	38.19 -0.94 -0.05	38.63 -0.91 -0.02	37.22 -1.03 -0.10	36.51 -1.67 -0.11	37.50 -2.60 -0.02	44.19 -3.64 0.00	57.98 -4.63 0.00	69.98 -3.84 0.00	70.58 -3.63 0.00	55.48 -2.80 0.00	48.05 -1.74 0.00	42.58 -1.63 0.00	39.48 -0.97 0.00
INDECK___OSWEGO 23783	32.98 -0.78 0.00	32.11 -0.69 0.00	32.53 -0.73 0.00	31.95 -0.72 0.00	31.99 -0.72 0.00	35.38 -0.72 0.00	48.92 -1.05 0.00	62.81 -1.35 0.00	52.45 -1.07 0.00	43.29 -0.88 0.00	40.60 -0.79 0.00	38.33 -0.74 0.00	38.77 -0.75 0.00	37.39 -0.76 0.00	37.24 -0.84 0.00	39.16 -0.92 0.00	46.30 -1.53 0.00	60.48 -2.13 0.00	73.52 -2.29 -1.99	73.99 -2.30 -2.08	56.76 -1.87 -0.36	48.30 -1.49 0.00	43.43 -1.06 -0.28	39.52 -0.93 0.00
INDECK___YERKES 23781	31.90 -1.86 0.00	32.01 -0.79 0.00	32.13 -1.13 0.00	31.32 -1.34 0.00	31.44 -1.28 0.00	35.20 -0.90 0.00	48.18 -1.80 0.00	59.99 -4.17 0.00	51.06 -2.46 0.00	42.67 -1.50 0.00	40.72 -0.66 0.00	38.57 -0.55 -0.04	39.07 -0.47 -0.02	37.62 -0.61 -0.09	36.72 -1.45 -0.09	37.58 -2.52 -0.02	44.29 -3.54 0.00	57.66 -4.95 0.00	69.09 -4.73 0.00	69.61 -4.60 0.00	55.24 -3.03 0.00	48.30 -1.49 0.00	42.66 -1.55 0.00	39.73 -0.73 0.00
INDIAN POINT_GT_1 24139	35.95 2.19 0.00	34.54 1.74 0.00	35.03 1.76 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.12 2.02 0.00	52.88 2.90 0.00	68.14 3.98 0.00	56.58 3.05 0.00	46.78 2.61 0.00	44.08 2.69 0.00	42.87 2.50 -1.30	42.50 2.53 -0.44	43.24 2.52 -2.57	43.33 2.59 -2.67	43.31 2.69 -0.54	50.90 3.06 0.00	66.43 3.82 0.00	78.41 4.43 -0.16	78.67 4.45 0.00	61.42 3.15 0.00	52.28 2.49 0.00	46.56 2.34 0.00	42.64 2.18 0.00
INDIAN POINT_GT_2 23659	35.95 2.19 0.00	34.54 1.74 0.00	35.03 1.76 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.12 2.02 0.00	52.88 2.90 0.00	68.14 3.98 0.00	56.58 3.05 0.00	46.78 2.61 0.00	44.08 2.69 0.00	42.87 2.50 -1.30	42.50 2.53 -0.44	43.24 2.52 -2.57	43.33 2.59 -2.67	43.31 2.69 -0.54	50.90 3.06 0.00	66.43 3.82 0.00	78.41 4.43 -0.16	78.67 4.45 0.00	61.42 3.15 0.00	52.28 2.49 0.00	46.56 2.34 0.00	42.64 2.18 0.00
INDIAN POINT_GT_3 24019	35.95 2.19 0.00	34.54 1.74 0.00	35.03 1.76 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.12 2.02 0.00	52.88 2.90 0.00	68.14 3.98 0.00	56.58 3.05 0.00	46.78 2.61 0.00	44.08 2.69 0.00	42.87 2.50 -1.30	42.50 2.53 -0.44	43.24 2.52 -2.57	43.33 2.59 -2.67	43.31 2.69 -0.54	50.90 3.06 0.00	66.43 3.82 0.00	78.41 4.43 -0.16	78.67 4.45 0.00	61.42 3.15 0.00	52.28 2.49 0.00	46.56 2.34 0.00	42.64 2.18 0.00
INDIAN POINT___2 23530	35.95 2.19 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.05 1.95 0.00	52.88 2.90 0.00	68.02 3.85 0.00	56.42 2.89 0.00	46.64 2.47 0.00	43.83 2.44 0.00	42.81 2.50 -1.23	42.48 2.53 -0.42	43.06 2.48 -2.43	43.15 2.55 -2.52	43.24 2.64 -0.51	50.85 3.02 0.00	66.37 3.76 0.00	78.41 4.43 -0.16	78.67 4.45 0.00	61.36 3.09 0.00	52.23 2.44 0.00	46.56 2.34 0.00	42.64 2.18 0.00
INDIAN POINT___3 23531	35.92 2.16 0.00	34.50 1.71 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.41 1.70 0.00	38.09 1.99 0.00	52.88 2.90 0.00	68.08 3.91 0.00	56.53 3.00 0.00	46.73 2.56 0.00	44.04 2.65 0.00	42.84 2.46 -1.31	42.46 2.49 -0.45	43.21 2.48 -2.59	43.31 2.55 -2.68	43.28 2.65 -0.55	50.85 3.01 0.00	66.37 3.76 0.00	78.33 4.36 -0.15	78.59 4.38 0.00	61.36 3.09 0.00	52.23 2.44 0.00	46.56 2.34 0.00	42.64 2.18 0.00
INGHAM_C_115KV_TB7 356103	35.14 1.38 0.00	34.14 1.34 0.00	34.63 1.36 0.00	33.97 1.31 0.00	34.12 1.41 0.00	37.66 1.55 0.00	52.17 2.20 0.00	66.92 2.76 0.00	55.88 2.36 0.00	46.02 1.86 0.00	43.21 1.82 0.00	40.79 1.72 0.00	41.22 1.70 0.00	39.75 1.60 0.00	39.64 1.56 0.00	41.81 1.72 0.00	49.84 2.01 0.00	65.12 2.50 0.00	76.85 3.03 0.00	77.55 3.34 0.00	60.78 2.51 0.00	52.03 2.24 0.00	46.11 1.90 0.00	42.23 1.78 0.00
IP CORINTH___1 23988	34.87 1.11 0.00	33.78 0.98 0.00	34.36 1.10 0.00	33.81 1.14 0.00	33.79 1.08 0.00	37.33 1.23 0.00	51.77 1.80 0.00	66.86 2.69 0.00	55.50 1.98 0.00	45.36 1.19 0.00	42.05 0.66 0.00	39.39 0.39 0.08	39.89 0.40 0.03	38.49 0.50 0.15	38.60 0.69 0.16	40.89 0.84 0.03	49.27 1.43 0.00	64.74 2.13 0.00	76.32 2.51 0.01	76.36 2.15 0.00	59.85 1.57 0.00	50.84 1.05 0.00	45.14 0.93 0.00	41.34 0.89 0.00
IP___TICONDEROGA 23804	35.99 2.23 0.00	34.93 2.13 0.00	35.52 2.26 0.00	35.02 2.35 0.00	35.00 2.29 0.00	38.77 2.67 0.00	53.92 3.95 0.00	69.75 5.58 0.00	57.70 4.17 0.00	46.82 2.65 0.00	43.21 1.82 0.00	40.44 1.45 0.08	40.96 1.46 0.03	39.48 1.49 0.15	39.59 1.68 0.16	42.02 1.96 0.03	50.89 3.06 0.00	67.18 4.57 0.00	79.50 5.68 0.01	79.55 5.34 0.00	62.18 3.90 0.00	52.78 2.99 0.00	46.82 2.61 0.00	42.88 2.43 0.00
ISLIP_RES_REC 323679	36.42 2.67 0.00	34.70 1.90 0.00	35.33 2.06 0.00	34.66 1.99 0.00	34.81 2.10 0.00	38.23 2.13 0.00	52.47 2.50 0.00	66.85 2.69 0.01	55.44 1.92 0.01	46.37 2.21 0.00	43.57 2.19 0.00	40.75 2.46 0.79	37.50 2.49 4.51	36.90 2.37 3.62	36.93 2.51 3.66	39.26 2.60 3.43	50.59 2.77 0.01	66.11 3.50 0.00	73.56 2.88 3.14	78.58 4.38 0.00	61.01 2.74 0.01	51.78 1.99 0.00	45.93 1.72 0.01	42.63 2.18 0.00

JAMAICA__27_KV_LOAD 355505	36.29 2.53 0.00	34.77 1.97 0.00	35.16 1.90 0.00	34.46 1.80 0.00	34.64 1.93 0.00	38.41 2.31 0.00	53.48 3.50 -0.01	68.92 4.75 -0.01	57.28 3.75 -0.01	47.40 3.22 -0.01	44.50 3.10 -0.01	43.32 2.93 -1.31	42.90 2.92 -0.45	43.68 2.94 -2.59	43.77 3.01 -2.69	43.80 3.17 -0.55	51.57 3.73 -0.01	67.00 4.38 -0.01	79.42 5.32 -0.28	79.34 5.12 -0.01	61.83 3.55 0.00	52.68 2.89 -0.01	46.95 2.74 0.00	42.92 2.47 0.00
JANIS__SOLAR 323808	34.37 0.61 0.00	33.62 0.82 0.00	33.99 0.73 0.00	33.35 0.69 0.00	33.53 0.82 0.00	37.22 1.12 0.00	51.92 1.95 0.00	66.73 2.57 0.00	55.72 2.20 0.00	45.49 1.32 0.00	42.63 1.24 0.00	40.32 1.17 -0.08	40.73 1.18 -0.03	39.33 1.03 -0.15	39.07 0.84 -0.16	41.04 0.92 -0.03	49.12 1.29 0.00	64.67 2.06 0.00	77.23 3.40 -0.01	77.85 3.64 0.00	60.90 2.62 0.00	51.93 2.14 0.00	45.89 1.68 0.00	41.95 1.50 0.00
JARVIS____ 23743	33.93 0.17 0.00	32.93 0.13 0.00	33.43 0.17 0.00	32.80 0.13 0.00	32.88 0.16 0.00	36.28 0.18 0.00	50.23 0.25 0.00	64.55 0.39 0.00	53.85 0.32 0.00	44.39 0.22 0.00	41.59 0.21 0.00	39.23 0.16 0.00	39.68 0.16 0.00	38.30 0.15 0.00	38.23 0.15 0.00	40.29 0.20 0.00	48.02 0.19 0.00	62.80 0.19 0.00	74.04 0.22 0.00	74.51 0.30 0.00	58.51 0.23 0.00	49.94 0.15 0.00	44.35 0.13 0.00	40.57 0.12 0.00
JENNISON____1 23625	34.67 0.91 0.00	33.82 1.02 0.00	34.23 0.96 0.00	33.55 0.88 0.00	33.79 1.08 0.00	37.37 1.26 0.00	52.12 2.15 0.00	66.86 2.69 0.00	56.04 2.52 0.00	45.94 1.77 0.00	43.12 1.74 0.00	40.97 1.80 -0.10	41.33 1.78 -0.03	39.90 1.56 -0.19	39.64 1.37 -0.20	41.61 1.48 -0.04	49.65 1.82 0.00	65.18 2.57 0.00	77.52 3.69 -0.01	78.29 4.08 0.00	61.25 2.97 0.00	52.18 2.39 0.00	46.11 1.90 0.00	42.19 1.74 0.00
JENNISON____2 23626	34.67 0.91 0.00	33.82 1.02 0.00	34.23 0.96 0.00	33.55 0.88 0.00	33.79 1.08 0.00	37.37 1.26 0.00	52.12 2.15 0.00	66.86 2.69 0.00	56.04 2.52 0.00	45.94 1.77 0.00	43.12 1.74 0.00	40.97 1.80 -0.10	41.33 1.78 -0.03	39.90 1.56 -0.19	39.64 1.37 -0.20	41.61 1.48 -0.04	49.65 1.82 0.00	65.18 2.57 0.00	77.52 3.69 -0.01	78.29 4.08 0.00	61.25 2.97 0.00	52.18 2.39 0.00	46.11 1.90 0.00	42.19 1.74 0.00
JERICOHO_RISE_WT_PWR 323719	33.69 -0.07 0.00	32.80 0.00 0.00	33.16 -0.10 0.00	32.60 -0.07 0.00	32.65 -0.07 0.00	35.96 -0.14 0.00	49.78 -0.20 0.00	63.91 -0.26 0.00	53.42 -0.11 0.00	44.08 -0.09 0.00	41.26 -0.12 0.00	39.11 0.04 0.00	39.52 0.00 0.00	38.19 0.04 0.00	38.08 0.00 0.00	40.24 0.16 0.00	47.93 0.10 0.00	63.05 0.44 0.00	73.97 0.15 0.00	74.51 0.30 0.00	58.57 0.29 0.00	50.04 0.25 0.00	44.65 0.44 0.00	40.66 0.20 0.00
KATONAH__115KV_46KV_TB4 355592	35.92 2.16 0.00	34.57 1.77 0.00	35.06 1.80 0.00	34.33 1.67 0.00	34.48 1.77 0.00	38.16 2.06 0.00	52.87 2.90 0.00	68.27 4.11 0.00	56.74 3.21 0.00	46.91 2.74 0.00	44.12 2.73 0.00	42.89 2.58 -1.23	42.51 2.57 -0.42	43.22 2.63 -2.44	43.31 2.70 -2.53	43.40 2.81 -0.52	51.08 3.25 0.00	66.56 3.94 0.00	78.37 4.50 -0.04	78.89 4.68 0.00	61.54 3.26 0.00	52.38 2.59 0.00	46.64 2.43 0.00	42.68 2.22 0.00
KCE_NY_1 323755	35.18 1.42 0.00	34.08 1.28 0.00	34.66 1.40 0.00	34.07 1.40 0.00	34.05 1.34 0.00	37.58 1.48 0.00	52.23 2.25 0.00	67.24 3.08 0.00	55.88 2.35 0.00	45.80 1.64 0.00	42.50 1.12 0.00	39.82 0.82 0.08	40.37 0.87 0.03	38.80 0.80 0.15	39.02 1.10 0.16	41.29 1.24 0.03	49.75 1.92 0.00	65.30 2.69 0.00	76.84 3.03 0.01	76.96 2.75 0.00	60.37 2.09 0.00	51.38 1.59 0.00	45.58 1.37 0.00	41.75 1.29 0.00
KCE_NY_6_ESR 323823	31.87 -1.89 0.00	31.88 -0.92 0.00	32.03 -1.23 0.00	31.26 -1.40 0.00	31.37 -1.34 0.00	35.13 -0.97 0.00	48.22 -1.75 0.00	60.18 -3.98 0.00	51.12 -2.41 0.00	42.58 -1.59 0.00	40.64 -0.74 0.00	38.50 -0.63 -0.05	39.02 -0.51 -0.02	37.59 -0.65 -0.09	36.73 -1.45 -0.10	37.66 -2.45 -0.02	44.39 -3.44 0.00	57.85 -4.76 0.00	69.47 -4.36 0.00	69.98 -4.23 0.00	55.42 -2.85 0.00	48.34 -1.45 0.00	42.71 -1.50 0.00	39.73 -0.73 0.00
KEDC_PORT_JEFF_GT2 24210	36.26 2.50 0.00	34.57 1.77 0.00	35.16 1.90 0.00	34.49 1.83 0.00	34.64 1.93 0.00	38.05 1.95 0.00	52.17 2.20 0.00	66.65 2.50 0.01	55.12 1.60 0.01	46.15 1.99 0.00	43.33 1.95 0.00	40.03 2.27 1.31	36.07 2.29 5.75	35.16 2.17 5.16	35.20 2.36 5.24	38.11 2.45 4.42	50.40 2.58 0.01	65.55 2.94 0.00	73.00 2.36 3.18	77.84 3.64 0.00	60.60 2.33 0.01	51.48 1.69 0.00	45.66 1.46 0.01	42.43 1.98 0.00
KEDC_PORT_JEFF_GT3 24211	36.26 2.50 0.00	34.57 1.77 0.00	35.16 1.90 0.00	34.49 1.83 0.00	34.64 1.93 0.00	38.05 1.95 0.00	52.17 2.20 0.00	66.65 2.50 0.01	55.12 1.60 0.01	46.15 1.99 0.00	43.33 1.95 0.00	40.03 2.27 1.31	36.07 2.29 5.75	35.16 2.17 5.16	35.20 2.36 5.24	38.11 2.45 4.42	50.40 2.58 0.01	65.55 2.94 0.00	73.00 2.36 3.18	77.84 3.64 0.00	60.60 2.33 0.01	51.48 1.69 0.00	45.66 1.46 0.01	42.43 1.98 0.00
KEDC_GLWD_GT4 24219	36.19 2.43 0.00	34.67 1.87 0.00	35.19 1.93 0.00	34.49 1.83 0.00	34.64 1.93 0.00	38.23 2.13 0.00	52.92 2.95 0.00	68.01 3.85 0.01	56.35 2.83 0.01	46.82 2.65 0.00	44.03 2.65 0.00	43.27 2.89 -1.30	42.89 2.92 -0.44	43.55 2.82 -2.58	43.76 3.01 -2.68	43.71 3.09 -0.54	51.12 3.30 0.01	66.67 4.07 0.00	77.21 4.50 1.12	79.03 4.82 0.00	61.41 3.14 0.00	52.27 2.49 0.00	46.55 2.34 0.00	42.89 2.43 -0.01
KEDC_GLWD_GT5 24220	36.19 2.43 0.00	34.67 1.87 0.00	35.19 1.93 0.00	34.49 1.83 0.00	34.64 1.93 0.00	38.23 2.13 0.00	52.92 2.95 0.00	68.01 3.85 0.01	56.35 2.83 0.01	46.82 2.65 0.00	44.03 2.65 0.00	43.27 2.89 -1.30	42.89 2.92 -0.44	43.55 2.82 -2.58	43.76 3.01 -2.68	43.71 3.09 -0.54	51.12 3.30 0.01	66.67 4.07 0.00	77.21 4.50 1.12	79.03 4.82 0.00	61.41 3.14 0.00	52.27 2.49 0.00	46.55 2.34 0.00	42.89 2.43 -0.01
KENSICO____ 23655	36.02 2.26 0.00	34.60 1.80 0.00	35.06 1.80 0.00	34.36 1.70 0.00	34.51 1.80 0.00	38.20 2.09 0.00	52.98 3.00 0.00	68.27 4.11 0.00	56.69 3.16 0.00	46.87 2.69 0.00	44.16 2.77 0.00	42.97 2.58 -1.32	42.58 2.61 -0.45	43.35 2.59 -2.61	43.45 2.67 -2.71	43.40 2.77 -0.55	50.99 3.16 0.00	66.50 3.88 0.00	78.50 4.50 -0.18	78.74 4.53 0.00	61.48 3.21 0.00	52.33 2.54 0.00	46.64 2.43 0.00	42.72 2.27 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.15 2.40 0.00	34.80 2.00 0.00	35.26 2.00 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.41 2.31 0.00	53.57 3.60 0.00	70.32 6.16 0.00	58.13 4.60 0.00	47.79 3.62 0.00	44.90 3.52 0.00	42.69 3.36 -0.26	43.01 3.40 -0.09	42.02 3.36 -0.51	41.84 3.24 -0.53	43.72 3.53 -0.11	52.14 4.30 0.00	68.50 5.89 0.00	80.93 7.09 -0.02	81.63 7.42 0.00	63.58 5.30 0.00	54.02 4.23 0.00	48.06 3.85 0.00	43.89 3.44 0.00

KIAC_JFK_GT1 23816	36.09 2.33 0.00	34.57 1.77 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.48 1.77 0.00	38.23 2.13 0.00	53.18 3.20 -0.01	68.28 4.11 -0.01	56.74 3.21 -0.01	47.13 2.96 -0.01	44.25 2.86 -0.01	43.12 2.74 -1.31	42.70 2.73 -0.45	43.49 2.75 -2.59	43.58 2.82 -2.69	43.56 2.93 -0.55	51.28 3.44 -0.01	66.37 3.76 -0.01	78.68 4.58 -0.28	78.60 4.38 -0.01	61.25 2.97 0.00	52.43 2.64 -0.01	46.69 2.48 0.00	42.72 2.27 0.00
KIAC_JFK_GT2 23817	36.09 2.33 0.00	34.57 1.77 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.48 1.77 0.00	38.23 2.13 0.00	53.18 3.20 -0.01	68.28 4.11 -0.01	56.74 3.21 -0.01	47.13 2.96 -0.01	44.25 2.86 -0.01	43.12 2.74 -1.31	42.70 2.73 -0.45	43.49 2.75 -2.59	43.58 2.82 -2.69	43.56 2.93 -0.55	51.28 3.44 -0.01	66.37 3.76 -0.01	78.68 4.58 -0.28	78.60 4.38 -0.01	61.25 2.97 0.00	52.43 2.64 -0.01	46.69 2.48 0.00	42.72 2.27 0.00
KIAC_JFK____ 323774	36.09 2.33 0.00	34.57 1.77 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.48 1.77 0.00	38.16 2.06 0.00	53.13 3.15 -0.01	68.15 3.98 -0.01	56.63 3.10 -0.01	47.09 2.91 -0.01	44.00 2.61 -0.01	43.12 2.73 -1.31	42.70 2.73 -0.45	43.41 2.67 -2.59	43.58 2.82 -2.69	43.60 2.97 -0.55	51.28 3.45 -0.01	66.37 3.76 -0.01	78.68 4.58 -0.28	78.59 4.38 -0.01	61.25 2.97 0.00	52.43 2.64 -0.01	46.69 2.47 0.00	42.72 2.26 0.00
KINTIGH__24_KV_GSU 356498	32.04 -1.72 0.00	31.98 -0.82 0.00	32.13 -1.13 0.00	31.36 -1.31 0.00	31.47 -1.24 0.00	35.16 -0.94 0.00	48.18 -1.80 0.00	60.32 -3.85 0.00	51.22 -2.30 0.00	42.71 -1.46 0.00	40.68 -0.70 0.00	38.53 -0.59 -0.04	38.98 -0.55 -0.01	37.58 -0.65 -0.08	36.75 -1.41 -0.08	37.77 -2.33 -0.02	44.67 -3.16 0.00	58.04 -4.57 0.00	69.39 -4.43 0.00	69.68 -4.53 0.00	55.30 -2.97 0.00	48.15 -1.64 0.00	42.49 -1.72 0.00	39.52 -0.93 0.00
KINTIGH____ 23543	32.04 -1.72 0.00	31.98 -0.82 0.00	32.13 -1.13 0.00	31.36 -1.31 0.00	31.47 -1.24 0.00	34.84 -1.26 0.00	48.08 -1.90 0.00	60.25 -3.91 0.00	50.85 -2.68 0.00	42.54 -1.63 0.00	39.85 -1.53 0.00	38.53 -0.59 -0.04	38.83 -0.71 -0.01	37.12 -1.11 -0.08	36.75 -1.41 -0.08	37.78 -2.32 -0.02	44.67 -3.16 0.00	58.04 -4.57 0.00	69.39 -4.43 0.00	69.68 -4.53 0.00	55.30 -2.97 0.00	48.15 -1.64 0.00	42.49 -1.72 0.00	39.52 -0.93 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.83 0.07 0.00	32.96 0.16 0.00	33.26 0.00 0.00	32.73 0.07 0.00	32.71 0.00 0.00	36.03 -0.07 0.00	49.57 -0.40 0.00	63.59 -0.58 0.00	53.15 -0.37 0.00	44.13 -0.04 0.00	41.26 -0.12 0.00	39.19 0.12 0.00	39.72 0.20 0.00	38.34 0.19 0.00	38.15 0.08 0.00	40.48 0.40 0.00	47.93 0.10 0.00	63.30 0.69 0.00	74.63 0.81 0.00	75.25 1.04 0.00	59.15 0.87 0.00	50.54 0.75 0.00	45.23 1.02 0.00	41.06 0.61 0.00
LACHUTE____HYDRO 323717	35.99 2.23 0.00	34.93 2.13 0.00	35.53 2.26 0.00	35.02 2.35 0.00	35.00 2.29 0.00	38.74 2.63 0.00	53.88 3.90 0.00	69.68 5.52 0.00	57.70 4.18 0.00	46.82 2.65 0.00	43.08 1.70 0.00	40.44 1.45 0.08	40.96 1.46 0.03	39.41 1.41 0.15	39.59 1.67 0.16	42.01 1.96 0.03	50.89 3.06 0.00	67.18 4.57 0.00	79.50 5.68 0.01	79.56 5.35 0.00	62.18 3.90 0.00	52.78 2.99 0.00	46.82 2.61 0.00	42.88 2.43 0.00
LAWRNCV_115KV_TB1 80681	34.03 0.27 0.00	33.19 0.39 0.00	33.50 0.23 0.00	32.96 0.29 0.00	33.04 0.33 0.00	36.36 0.25 0.00	50.32 0.35 0.00	64.48 0.32 0.00	53.95 0.43 0.00	44.39 0.22 0.00	41.76 0.37 0.00	39.54 0.47 0.00	40.04 0.51 0.00	38.57 0.42 0.00	38.38 0.30 0.00	40.72 0.64 0.00	48.31 0.48 0.00	63.36 0.75 0.00	74.34 0.52 0.00	75.10 0.89 0.00	59.44 1.17 0.00	51.03 1.24 0.00	45.41 1.19 0.00	41.22 0.77 0.00
LEDERLE____ 23769	36.09 2.33 0.00	34.67 1.87 0.00	35.13 1.86 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.38 2.27 0.00	53.33 3.35 0.00	68.66 4.49 0.00	56.90 3.37 0.00	47.00 2.83 0.00	44.29 2.90 0.00	43.00 2.74 -1.19	42.74 2.81 -0.41	43.28 2.78 -2.35	43.33 2.82 -2.44	43.51 2.93 -0.50	51.09 3.25 0.00	66.81 4.19 0.00	78.91 4.95 -0.15	79.19 4.97 0.00	61.77 3.50 0.00	52.53 2.74 0.00	46.82 2.61 0.00	42.84 2.39 0.00
LIGHTHSE_115KV_TB6 355974	33.45 -0.30 0.00	32.60 -0.20 0.00	33.00 -0.27 0.00	32.37 -0.29 0.00	32.52 -0.20 0.00	35.92 -0.18 0.00	49.77 -0.20 0.00	63.91 -0.26 0.00	53.52 0.00 0.00	43.99 -0.18 0.00	41.22 -0.17 0.00	38.96 -0.12 0.00	39.37 -0.16 0.00	37.92 -0.23 0.00	37.77 -0.30 0.00	39.88 -0.20 0.00	47.40 -0.43 0.00	61.99 -0.63 0.00	74.50 -0.30 -0.98	75.09 -0.15 -1.02	58.22 -0.23 -0.18	49.64 -0.15 0.00	44.22 -0.13 -0.14	40.25 -0.20 0.00
LINDEN COGEN____ 23786	36.16 2.40 0.00	34.67 1.87 0.00	35.12 1.86 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.20 2.09 0.00	53.13 3.15 -0.01	68.34 4.17 -0.01	56.74 3.21 -0.01	47.00 2.83 -0.01	44.12 2.73 -0.01	43.20 2.81 -1.31	42.82 2.85 -0.45	43.52 2.78 -2.59	43.66 2.89 -2.69	43.64 3.01 -0.55	51.18 3.35 -0.01	66.68 4.07 -0.01	78.90 4.80 -0.28	78.97 4.75 -0.01	61.60 3.32 0.00	52.48 2.69 -0.01	46.73 2.52 0.00	42.84 2.39 0.00
LINDHRST_69_KV_BK1 356055	36.53 2.77 0.00	34.86 2.07 0.00	35.42 2.16 0.00	34.76 2.09 0.00	34.90 2.19 0.00	38.70 2.60 0.00	53.02 3.05 0.00	68.26 4.11 0.01	56.46 2.94 0.01	46.95 2.78 0.00	44.57 3.19 0.00	43.27 3.05 -1.15	42.69 3.08 -0.09	43.30 3.01 -2.14	43.46 3.16 -2.22	43.67 3.33 -0.26	51.12 3.30 0.01	66.61 4.01 0.00	75.17 3.91 2.57	79.18 4.97 0.00	61.30 3.03 0.00	52.13 2.34 0.00	46.56 2.34 0.00	43.21 2.75 0.00
LIPA_MISC_IPP 23656	36.15 2.40 0.00	34.47 1.67 0.00	35.06 1.80 0.00	34.43 1.76 0.00	34.54 1.83 0.00	38.31 2.20 0.00	52.12 2.15 0.00	66.91 2.76 0.01	55.23 1.71 0.01	46.11 1.94 0.00	43.78 2.40 0.00	39.89 1.95 1.14	36.17 1.98 5.33	35.45 1.95 4.64	35.46 2.09 4.71	38.16 2.16 4.09	50.26 2.44 0.01	65.55 2.94 0.00	72.54 1.92 3.20	77.92 3.71 0.00	60.37 2.10 0.00	51.28 1.49 0.00	45.45 1.24 0.00	42.07 1.62 0.00
LISF____SOLAR 323691	36.22 2.46 0.00	34.50 1.70 0.00	35.12 1.86 0.00	34.46 1.80 0.00	34.61 1.90 0.00	37.94 1.84 0.00	52.07 2.10 0.00	66.53 2.38 0.01	55.01 1.50 0.01	46.02 1.85 0.00	43.20 1.82 0.00	39.95 1.99 1.12	36.21 1.98 5.29	35.43 1.87 4.59	35.51 2.09 4.66	38.19 2.16 4.06	50.30 2.49 0.01	65.61 3.01 0.00	72.77 2.14 3.19	78.06 3.86 0.00	60.54 2.27 0.01	51.43 1.64 0.00	45.49 1.28 0.01	42.11 1.66 0.00
LITTLE FALLS____HYD 24013	35.14 1.38 0.00	34.14 1.34 0.00	34.63 1.36 0.00	33.97 1.31 0.00	34.12 1.41 0.00	37.66 1.55 0.00	52.17 2.20 0.00	66.92 2.76 0.00	55.88 2.36 0.00	46.02 1.86 0.00	43.21 1.82 0.00	40.79 1.72 0.00	41.22 1.70 0.00	39.75 1.60 0.00	39.64 1.56 0.00	41.81 1.72 0.00	49.84 2.01 0.00	65.12 2.50 0.00	76.85 3.03 0.00	77.55 3.34 0.00	60.78 2.51 0.00	52.03 2.24 0.00	46.11 1.90 0.00	42.23 1.78 0.00

LITTLRIV_115KV_TB1 356100	34.33 0.57 0.00	33.52 0.72 0.00	33.80 0.53 0.00	33.22 0.56 0.00	33.40 0.69 0.00	36.75 0.65 0.00	50.92 0.95 0.00	65.25 1.09 0.00	54.54 1.02 0.00	44.70 0.53 0.00	42.01 0.62 0.00	39.78 0.70 0.00	40.23 0.71 0.00	38.80 0.65 0.00	38.61 0.53 0.00	41.01 0.92 0.00	48.74 0.91 0.00	64.05 1.44 0.00	75.30 1.48 0.00	76.22 2.00 0.00	60.25 1.98 0.00	51.73 1.94 0.00	45.98 1.77 0.00	41.67 1.21 0.00
LI_NEWBRDGE___DRP 323616	35.92 2.16 0.00	34.31 1.51 0.00	34.89 1.63 0.00	34.20 1.54 0.00	34.35 1.64 0.00	38.05 1.95 0.00	52.22 2.25 0.00	67.36 3.21 0.01	55.65 2.14 0.01	46.33 2.16 0.00	43.95 2.57 0.00	42.91 2.54 -1.30	42.49 2.53 -0.44	43.25 2.52 -2.58	43.38 2.63 -2.68	43.35 2.73 -0.54	50.54 2.73 0.01	65.74 3.13 0.00	73.57 3.17 3.43	77.92 3.71 0.00	60.31 2.04 0.00	51.28 1.49 0.00	45.80 1.59 0.00	42.47 2.02 0.01
LOCKPORT_115KV_TB60_63_64 80432	31.73 -2.03 0.00	31.72 -1.08 0.00	31.83 -1.43 0.00	31.03 -1.63 0.00	31.27 -1.44 0.00	34.55 -1.55 0.00	47.68 -2.30 0.00	59.54 -4.62 0.00	50.31 -3.21 0.00	42.14 -2.03 0.00	39.44 -1.95 0.00	38.26 -0.86 -0.04	38.59 -0.95 -0.01	36.82 -1.41 -0.08	36.41 -1.75 -0.09	37.30 -2.81 -0.02	44.00 -3.83 0.00	57.23 -5.38 0.00	68.65 -5.17 0.00	68.94 -5.27 0.00	54.78 -3.50 0.00	47.85 -1.94 0.00	42.22 -1.99 0.00	39.36 -1.09 0.00
LOCKPORT___CC1 323769	31.73 -2.02 0.00	31.72 -1.08 0.00	31.83 -1.43 0.00	31.16 -1.50 0.00	31.27 -1.44 0.00	34.91 -1.19 0.00	47.78 -2.20 0.00	59.61 -4.55 0.00	50.69 -2.84 0.00	42.32 -1.85 0.00	40.39 -0.99 0.00	38.26 -0.86 -0.04	38.75 -0.79 -0.01	37.32 -0.92 -0.08	36.37 -1.79 -0.09	37.29 -2.81 -0.02	44.00 -3.83 0.00	57.23 -5.38 0.00	68.50 -5.32 0.00	68.94 -5.27 0.00	54.78 -3.49 0.00	47.85 -1.94 0.00	42.22 -1.99 0.00	39.36 -1.09 0.00
LOCKPORT___CC2 323770	31.73 -2.02 0.00	31.72 -1.08 0.00	31.83 -1.43 0.00	31.16 -1.50 0.00	31.27 -1.44 0.00	34.91 -1.19 0.00	47.78 -2.20 0.00	59.61 -4.55 0.00	50.69 -2.84 0.00	42.32 -1.85 0.00	40.39 -0.99 0.00	38.26 -0.86 -0.04	38.75 -0.79 -0.01	37.32 -0.92 -0.08	36.37 -1.79 -0.09	37.29 -2.81 -0.02	44.00 -3.83 0.00	57.23 -5.38 0.00	68.50 -5.32 0.00	68.94 -5.27 0.00	54.78 -3.49 0.00	47.85 -1.94 0.00	42.22 -1.99 0.00	39.36 -1.09 0.00
LOCKPORT___CC3 323771	31.73 -2.02 0.00	31.72 -1.08 0.00	31.83 -1.43 0.00	31.16 -1.50 0.00	31.27 -1.44 0.00	34.91 -1.19 0.00	47.78 -2.20 0.00	59.61 -4.55 0.00	50.69 -2.84 0.00	42.32 -1.85 0.00	40.39 -0.99 0.00	38.26 -0.86 -0.04	38.75 -0.79 -0.01	37.32 -0.92 -0.08	36.37 -1.79 -0.09	37.29 -2.81 -0.02	44.00 -3.83 0.00	57.23 -5.38 0.00	68.50 -5.32 0.00	68.94 -5.27 0.00	54.78 -3.49 0.00	47.85 -1.94 0.00	42.22 -1.99 0.00	39.36 -1.09 0.00
LOCUSVLY_69_KV_BK2 55797	36.22 2.46 0.00	34.67 1.87 0.00	35.19 1.93 0.00	34.53 1.86 0.00	34.64 1.93 0.00	38.41 2.31 0.00	52.77 2.80 0.00	68.07 3.91 0.01	56.35 2.84 0.01	46.82 2.65 0.00	44.40 3.02 0.00	43.27 2.89 -1.30	42.89 2.92 -0.44	43.59 2.86 -2.58	43.72 2.97 -2.68	43.71 3.09 -0.54	51.03 3.20 0.01	66.49 3.88 0.00	76.38 4.21 1.64	78.81 4.60 0.00	61.19 2.91 0.00	52.03 2.24 0.00	46.38 2.17 0.00	42.89 2.43 -0.01
LONG_LAKE_PHOENIX 24014	33.12 -0.64 0.00	32.27 -0.52 0.00	32.70 -0.57 0.00	32.11 -0.56 0.00	32.16 -0.56 0.00	35.53 -0.58 0.00	49.18 -0.80 0.00	63.14 -1.03 0.00	52.78 -0.75 0.00	43.55 -0.62 0.00	40.81 -0.58 0.00	38.61 -0.47 0.00	39.05 -0.47 0.00	37.61 -0.53 0.00	37.50 -0.57 0.00	39.40 -0.68 0.00	46.92 -0.91 0.00	61.30 -1.31 0.00	74.14 -1.18 -1.50	74.44 -1.34 -1.57	57.44 -1.11 -0.27	48.89 -0.90 0.00	43.59 -0.84 -0.21	39.72 -0.73 0.00
LOVETT___3 23632	35.95 2.19 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.09 1.99 0.00	52.88 2.90 0.00	68.08 3.91 0.00	56.53 3.00 0.00	46.69 2.52 0.00	44.04 2.65 0.00	42.76 2.46 -1.23	42.43 2.49 -0.42	43.05 2.48 -2.42	43.14 2.55 -2.51	43.24 2.65 -0.51	50.85 3.01 0.00	66.37 3.76 0.00	78.40 4.43 -0.15	78.67 4.45 0.00	61.36 3.09 0.00	52.23 2.44 0.00	46.56 2.34 0.00	42.64 2.18 0.00
LOVETT___4 23642	35.95 2.19 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.09 1.99 0.00	52.88 2.90 0.00	68.08 3.91 0.00	56.53 3.00 0.00	46.69 2.52 0.00	44.04 2.65 0.00	42.76 2.46 -1.23	42.43 2.49 -0.42	43.05 2.48 -2.42	43.14 2.55 -2.51	43.24 2.65 -0.51	50.85 3.01 0.00	66.37 3.76 0.00	78.40 4.43 -0.15	78.67 4.45 0.00	61.36 3.09 0.00	52.23 2.44 0.00	46.56 2.34 0.00	42.64 2.18 0.00
LOVETT___5 23593	35.95 2.19 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.09 1.99 0.00	52.88 2.90 0.00	68.08 3.91 0.00	56.53 3.00 0.00	46.69 2.52 0.00	44.04 2.65 0.00	42.76 2.46 -1.23	42.43 2.49 -0.42	43.05 2.48 -2.42	43.14 2.55 -2.51	43.24 2.65 -0.51	50.85 3.01 0.00	66.37 3.76 0.00	78.40 4.43 -0.15	78.67 4.45 0.00	61.36 3.09 0.00	52.23 2.44 0.00	46.56 2.34 0.00	42.64 2.18 0.00
LOWER RAQUET___HYD 24057	34.06 0.30 0.00	33.22 0.43 0.00	33.53 0.26 0.00	32.99 0.33 0.00	33.11 0.39 0.00	36.43 0.32 0.00	50.37 0.40 0.00	64.55 0.39 0.00	54.01 0.48 0.00	44.39 0.22 0.00	41.80 0.41 0.00	39.58 0.51 0.00	40.00 0.48 0.00	38.61 0.46 0.00	38.42 0.34 0.00	40.81 0.72 0.00	48.36 0.53 0.00	63.37 0.75 0.00	74.34 0.52 0.00	75.17 0.96 0.00	59.55 1.28 0.00	51.18 1.39 0.00	45.50 1.28 0.00	41.30 0.85 0.00
LOWER___HUDSON 24059	35.01 1.25 0.00	33.85 1.05 0.00	34.39 1.13 0.00	33.81 1.14 0.00	33.83 1.11 0.00	37.29 1.19 0.00	51.72 1.75 0.00	66.54 2.38 0.00	55.35 1.82 0.00	45.54 1.37 0.00	42.34 0.95 0.00	39.54 0.55 0.08	40.05 0.55 0.03	38.52 0.53 0.17	38.78 0.88 0.17	41.01 0.96 0.04	49.46 1.63 0.00	64.74 2.13 0.00	76.10 2.29 0.01	76.14 1.93 0.00	59.85 1.57 0.00	50.98 1.19 0.00	45.14 0.93 0.00	41.30 0.85 0.00
LOWVILLE_115KV_TB2 356335	33.96 0.20 0.00	33.09 0.30 0.00	33.46 0.20 0.00	32.80 0.13 0.00	33.07 0.36 0.00	36.43 0.32 0.00	50.67 0.70 0.00	65.06 0.90 0.00	54.49 0.96 0.00	44.52 0.35 0.00	41.80 0.41 0.00	39.43 0.35 0.00	39.88 0.36 0.00	38.38 0.23 0.00	38.19 0.11 0.00	41.05 0.96 0.00	48.88 1.05 0.00	64.05 1.44 0.00	76.14 2.07 -0.25	77.15 2.67 -0.26	60.30 1.98 -0.05	50.94 1.15 0.00	45.09 0.84 -0.04	41.02 0.57 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.18 1.42 0.00	34.04 1.25 0.00	34.63 1.36 0.00	34.04 1.37 0.00	34.05 1.34 0.00	37.62 1.52 0.00	52.17 2.20 0.00	67.24 3.08 0.00	55.88 2.36 0.00	45.80 1.63 0.00	42.59 1.20 0.00	39.78 0.78 0.08	40.33 0.83 0.03	38.91 0.92 0.15	38.98 1.07 0.16	41.29 1.24 0.03	49.74 1.91 0.00	65.24 2.63 0.00	76.84 3.03 0.01	76.88 2.67 0.00	60.31 2.04 0.00	51.38 1.59 0.00	45.58 1.37 0.00	41.71 1.25 0.00

LUTHERNY_35_KV_BK2 355980	35.18 1.42 0.00	34.08 1.28 0.00	34.66 1.40 0.00	34.07 1.40 0.00	34.05 1.34 0.00	37.62 1.52 0.00	52.22 2.25 0.00	67.31 3.14 0.00	55.93 2.41 0.00	45.85 1.68 0.00	42.59 1.20 0.00	39.82 0.82 0.08	40.33 0.83 0.03	38.91 0.92 0.15	39.02 1.10 0.16	41.29 1.24 0.03	49.74 1.91 0.00	65.30 2.69 0.00	76.84 3.03 0.01	76.96 2.75 0.00	60.37 2.10 0.00	51.38 1.59 0.00	45.58 1.37 0.00	41.75 1.29 0.00
LWR___OSWEGATCHIE_HYD 23850	33.99 0.24 0.00	33.16 0.36 0.00	33.46 0.20 0.00	32.86 0.20 0.00	33.07 0.36 0.00	36.39 0.29 0.00	50.47 0.50 0.00	64.61 0.45 0.00	54.11 0.59 0.00	44.30 0.13 0.00	41.68 0.29 0.00	39.35 0.27 0.00	39.96 0.43 0.00	38.49 0.34 0.00	38.27 0.19 0.00	40.85 0.76 0.00	48.36 0.53 0.00	63.43 0.81 0.00	75.02 0.96 -0.24	75.95 1.48 -0.26	59.72 1.40 -0.04	51.08 1.29 0.00	45.35 1.11 -0.03	41.14 0.69 0.00
LYONS_FALL_HYD 23570	34.10 0.34 0.00	33.22 0.43 0.00	33.60 0.33 0.00	32.96 0.29 0.00	33.17 0.46 0.00	36.57 0.47 0.00	50.88 0.90 0.00	65.38 1.22 0.00	54.70 1.18 0.00	44.83 0.66 0.00	42.05 0.66 0.00	39.66 0.59 0.00	40.12 0.59 0.00	38.64 0.49 0.00	38.46 0.38 0.00	41.04 0.96 0.00	48.88 1.05 0.00	63.99 1.38 0.00	75.90 1.92 -0.16	76.82 2.45 -0.17	60.11 1.81 -0.03	50.98 1.19 0.00	45.12 0.88 -0.02	41.14 0.69 0.00
MADISON___COUNTY_LFGE 323628	34.33 0.57 0.00	33.49 0.69 0.00	33.89 0.63 0.00	33.25 0.59 0.00	33.43 0.72 0.00	36.90 0.79 0.00	51.32 1.35 0.00	65.96 1.80 0.00	55.13 1.61 0.00	45.32 1.15 0.00	42.46 1.08 0.00	40.13 1.06 0.00	40.55 1.03 0.00	39.06 0.92 0.00	38.91 0.84 0.00	41.09 1.00 0.00	48.98 1.15 0.00	63.99 1.38 0.00	75.81 1.99 0.00	76.44 2.23 0.00	59.91 1.63 0.00	51.08 1.29 0.00	45.23 1.02 0.00	41.34 0.89 0.00
MALONE___115KV_TB1 356076	34.06 0.30 0.00	33.19 0.39 0.00	33.50 0.23 0.00	32.99 0.33 0.00	33.01 0.29 0.00	36.36 0.25 0.00	50.42 0.45 0.00	64.74 0.58 0.00	54.22 0.70 0.00	44.70 0.53 0.00	41.92 0.54 0.00	39.74 0.66 0.00	40.20 0.67 0.00	38.76 0.61 0.00	38.53 0.46 0.00	40.85 0.76 0.00	48.55 0.72 0.00	63.99 1.38 0.00	75.00 1.18 0.00	75.70 1.48 0.00	59.61 1.34 0.00	51.03 1.24 0.00	45.54 1.33 0.00	41.26 0.81 0.00
MAPLEWOD_115KV_TB3 80458	34.84 1.08 0.00	33.68 0.89 0.00	34.19 0.93 0.00	33.61 0.95 0.00	33.60 0.88 0.00	37.11 1.01 0.00	51.32 1.35 0.00	66.09 1.92 0.00	54.97 1.45 0.00	45.23 1.06 0.00	42.21 0.83 0.00	39.38 0.39 0.09	39.89 0.40 0.03	38.51 0.53 0.17	38.62 0.72 0.18	40.85 0.80 0.04	49.12 1.29 0.00	64.30 1.69 0.00	75.51 1.70 0.01	75.62 1.41 0.00	59.38 1.11 0.00	50.59 0.80 0.00	44.88 0.66 0.00	41.10 0.65 0.00
MAPLE_RIDGE_WT_1 323574	33.02 -0.74 0.00	32.01 -0.79 0.00	32.50 -0.76 0.00	31.95 -0.72 0.00	32.06 -0.65 0.00	35.34 -0.76 0.00	48.98 -1.00 0.00	62.88 -1.28 0.00	52.40 -1.13 0.00	43.24 -0.93 0.00	40.48 -0.91 0.00	38.29 -0.78 0.00	38.77 -0.75 0.00	37.46 -0.69 0.00	37.46 -0.61 0.00	39.60 -0.48 0.00	47.35 -0.48 0.00	62.18 -0.44 0.00	73.31 -0.51 0.00	73.70 -0.52 0.00	57.87 -0.41 0.00	49.49 -0.30 0.00	43.99 -0.22 0.00	40.21 -0.24 0.00
MAPLE_RIDGE_WT_2 323611	33.02 -0.74 0.00	32.01 -0.79 0.00	32.50 -0.76 0.00	31.95 -0.72 0.00	32.06 -0.65 0.00	35.34 -0.76 0.00	48.98 -1.00 0.00	62.88 -1.28 0.00	52.40 -1.13 0.00	43.24 -0.93 0.00	40.48 -0.91 0.00	38.29 -0.78 0.00	38.77 -0.75 0.00	37.46 -0.69 0.00	37.46 -0.61 0.00	39.60 -0.48 0.00	47.35 -0.48 0.00	62.18 -0.44 0.00	73.31 -0.51 0.00	73.70 -0.52 0.00	57.87 -0.41 0.00	49.49 -0.30 0.00	43.99 -0.22 0.00	40.21 -0.24 0.00
MARBLE_RIVER_WT_PWR 323696	33.49 -0.27 0.00	32.64 -0.16 0.00	32.93 -0.33 0.00	32.40 -0.26 0.00	32.39 -0.33 0.00	35.60 -0.51 0.00	48.83 -1.15 0.00	62.62 -1.54 0.00	52.30 -1.23 0.00	43.51 -0.66 0.00	40.60 -0.79 0.00	38.65 -0.43 0.00	39.17 -0.36 0.00	37.92 -0.23 0.00	37.77 -0.31 0.00	40.08 0.00 0.00	47.31 -0.53 0.00	62.42 -0.19 0.00	73.89 0.07 0.00	74.43 0.22 0.00	58.51 0.23 0.00	49.99 0.20 0.00	44.65 0.44 0.00	40.66 0.20 0.00
MARSHVLE_115KV_TB1 80742	34.64 0.88 0.00	33.62 0.82 0.00	34.19 0.93 0.00	33.61 0.95 0.00	33.69 0.98 0.00	37.33 1.23 0.00	52.07 2.10 0.00	67.11 2.95 0.00	55.18 1.66 0.00	44.61 0.44 0.00	41.30 -0.08 0.00	38.81 -0.23 0.03	39.24 -0.28 0.01	37.86 -0.23 0.06	37.89 -0.11 0.07	40.43 0.36 0.01	48.88 1.05 0.00	64.74 2.13 0.00	76.55 2.73 0.00	76.88 2.67 0.00	60.25 1.98 0.00	51.33 1.54 0.00	45.49 1.28 0.00	41.58 1.13 0.00
MARSH_HILL_WT_PWR 323713	31.56 -2.19 0.00	31.42 -1.38 0.00	31.63 -1.63 0.00	31.00 -1.66 0.00	31.05 -1.67 0.00	34.77 -1.34 0.00	48.18 -1.80 0.00	61.02 -3.14 0.00	51.28 -2.25 0.00	42.32 -1.85 0.00	40.18 -1.20 0.00	38.12 -1.02 -0.06	38.59 -0.95 -0.02	37.24 -1.03 -0.12	36.63 -1.56 -0.12	37.83 -2.28 -0.02	44.87 -2.97 0.00	58.92 -3.69 0.00	71.10 -2.73 -0.01	71.17 -3.05 0.00	56.18 -2.10 0.00	48.59 -1.20 0.00	43.06 -1.15 0.00	39.89 -0.57 0.00
MCINTYRE_115KV_TB2 80467	34.43 0.68 0.00	33.62 0.82 0.00	33.89 0.63 0.00	33.32 0.65 0.00	33.50 0.79 0.00	36.83 0.72 0.00	51.12 1.15 0.00	65.51 1.35 0.00	54.70 1.18 0.00	44.79 0.62 0.00	42.01 0.62 0.00	39.74 0.66 0.00	40.20 0.67 0.00	38.76 0.61 0.00	38.61 0.53 0.00	41.01 0.92 0.00	48.84 1.00 0.00	64.43 1.82 0.00	75.74 1.92 0.00	76.73 2.52 0.00	60.55 2.27 0.00	51.88 2.09 0.00	46.11 1.90 0.00	41.83 1.38 0.00
MECO_____69_KV_BK1 80468	35.28 1.52 0.00	34.21 1.41 0.00	34.79 1.53 0.00	34.23 1.57 0.00	34.28 1.57 0.00	38.02 1.91 0.00	53.02 3.05 0.00	68.40 4.23 0.00	56.25 2.73 0.00	45.36 1.19 0.00	41.84 0.46 0.00	39.22 0.20 0.05	39.63 0.12 0.02	38.25 0.19 0.09	38.36 0.38 0.09	40.99 0.92 0.02	49.74 1.91 0.00	65.99 3.38 0.00	78.18 4.36 0.00	78.37 4.16 0.00	61.30 3.03 0.00	52.23 2.44 0.00	46.29 2.08 0.00	42.31 1.86 0.00
MENANDS___115KV_TB5 355628	34.74 0.98 0.00	33.55 0.75 0.00	34.09 0.83 0.00	33.48 0.82 0.00	33.50 0.79 0.00	37.01 0.90 0.00	51.12 1.15 0.00	65.77 1.60 0.00	54.70 1.18 0.00	45.05 0.88 0.00	42.05 0.66 0.00	39.22 0.23 0.09	39.77 0.28 0.03	38.40 0.42 0.17	38.51 0.61 0.18	40.69 0.64 0.04	48.93 1.10 0.00	63.99 1.38 0.00	75.14 1.33 0.01	75.25 1.04 0.00	59.15 0.87 0.00	50.39 0.60 0.00	44.65 0.44 0.00	40.94 0.49 0.00
MG INDUSTRY___DRP 24185	34.70 0.95 0.00	33.59 0.79 0.00	34.13 0.86 0.00	33.51 0.85 0.00	33.63 0.92 0.00	37.11 1.01 0.00	51.37 1.40 0.00	66.02 1.86 0.00	54.70 1.18 0.00	44.92 0.75 0.00	41.92 0.54 0.00	39.20 0.20 0.07	39.70 0.20 0.02	38.32 0.31 0.13	38.43 0.49 0.14	40.62 0.56 0.03	48.79 0.96 0.00	63.93 1.31 0.00	75.14 1.33 0.01	75.32 1.11 0.00	59.15 0.87 0.00	50.44 0.65 0.00	44.79 0.57 0.00	41.06 0.61 0.00

MID___OSWEGATCHIE_HYD 23849	33.99 0.24 0.00	33.16 0.36 0.00	33.46 0.20 0.00	32.86 0.20 0.00	33.07 0.36 0.00	36.39 0.29 0.00	50.47 0.50 0.00	64.61 0.45 0.00	54.11 0.59 0.00	44.30 0.13 0.00	41.68 0.29 0.00	39.35 0.27 0.00	39.96 0.43 0.00	38.49 0.34 0.00	38.27 0.19 0.00	40.85 0.76 0.00	48.36 0.53 0.00	63.43 0.81 0.00	75.02 0.96 -0.24	75.95 1.48 -0.26	59.72 1.40 -0.04	51.08 1.29 0.00	45.35 1.11 -0.03	41.14 0.69 0.00
MID___RAQUETTE_HYD 23851	34.06 0.30 0.00	33.22 0.43 0.00	33.53 0.27 0.00	32.99 0.33 0.00	33.11 0.39 0.00	36.43 0.32 0.00	50.37 0.40 0.00	64.55 0.38 0.00	54.01 0.48 0.00	44.39 0.22 0.00	41.80 0.41 0.00	39.58 0.51 0.00	40.08 0.55 0.00	38.61 0.46 0.00	38.42 0.34 0.00	40.81 0.72 0.00	48.36 0.53 0.00	63.36 0.75 0.00	74.34 0.52 0.00	75.18 0.96 0.00	59.56 1.28 0.00	51.18 1.39 0.00	45.49 1.28 0.00	41.30 0.85 0.00
MILLIKEN___1 23584	33.89 0.14 0.00	33.09 0.30 0.00	33.50 0.23 0.00	32.89 0.23 0.00	32.94 0.23 0.00	36.50 0.40 0.00	50.77 0.80 0.00	65.25 1.09 0.00	54.43 0.91 0.00	44.79 0.62 0.00	41.97 0.58 0.00	39.83 0.70 -0.06	40.21 0.67 -0.02	38.80 0.53 -0.11	38.65 0.46 -0.12	40.51 0.40 -0.02	48.26 0.43 0.00	63.24 0.63 0.00	75.48 1.48 -0.18	75.80 1.41 -0.18	59.24 0.93 -0.03	50.59 0.80 0.00	44.81 0.57 -0.02	41.02 0.57 0.00
MILLIKEN___2 23585	33.89 0.14 0.00	33.09 0.30 0.00	33.50 0.23 0.00	32.89 0.23 0.00	32.94 0.23 0.00	36.50 0.40 0.00	50.77 0.80 0.00	65.25 1.09 0.00	54.43 0.91 0.00	44.79 0.62 0.00	41.97 0.58 0.00	39.83 0.70 -0.06	40.21 0.67 -0.02	38.80 0.53 -0.11	38.65 0.46 -0.12	40.51 0.40 -0.02	48.26 0.43 0.00	63.24 0.63 0.00	75.48 1.48 -0.18	75.80 1.41 -0.18	59.24 0.93 -0.03	50.59 0.80 0.00	44.81 0.57 -0.02	41.02 0.57 0.00
MILLIKEN___DIESEL 23629	33.89 0.14 0.00	33.09 0.30 0.00	33.50 0.23 0.00	32.89 0.23 0.00	32.94 0.23 0.00	36.50 0.40 0.00	50.77 0.80 0.00	65.25 1.09 0.00	54.43 0.91 0.00	44.79 0.62 0.00	41.97 0.58 0.00	39.83 0.70 -0.06	40.21 0.67 -0.02	38.80 0.53 -0.11	38.65 0.46 -0.12	40.51 0.40 -0.02	48.26 0.43 0.00	63.24 0.63 0.00	75.48 1.48 -0.18	75.80 1.41 -0.18	59.24 0.93 -0.03	50.59 0.80 0.00	44.81 0.57 -0.02	41.02 0.57 0.00
MILLSEAT___LFGE 323607	32.27 -1.48 0.00	32.21 -0.59 0.00	32.33 -0.93 0.00	31.69 -0.98 0.00	31.83 -0.88 0.00	35.52 -0.58 0.00	48.88 -1.10 0.00	61.47 -2.69 0.00	52.08 -1.44 0.00	43.42 -0.75 0.00	41.30 -0.08 0.00	39.12 0.00 -0.04	39.58 0.04 -0.01	38.12 -0.11 -0.08	37.21 -0.95 -0.08	38.18 -1.92 -0.02	45.25 -2.58 0.00	58.98 -3.63 0.00	70.79 -3.03 0.00	71.02 -3.19 0.00	56.23 -2.04 0.00	48.94 -0.85 0.00	43.15 -1.06 0.00	40.05 -0.40 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.95 2.19 0.00	34.54 1.74 0.00	35.03 1.76 0.00	34.33 1.67 0.00	34.45 1.73 0.00	38.12 2.02 0.00	52.88 2.90 0.00	68.14 3.98 0.00	56.58 3.05 0.00	46.78 2.61 0.00	44.08 2.69 0.00	42.90 2.50 -1.32	42.51 2.53 -0.45	43.32 2.56 -2.62	43.38 2.59 -2.71	43.32 2.69 -0.55	50.90 3.06 0.00	66.43 3.82 0.00	78.41 4.43 -0.16	78.67 4.45 0.00	61.42 3.15 0.00	52.28 2.49 0.00	46.56 2.34 0.00	42.64 2.18 0.00
MILLWOOD_13_KV_LOAD 356217	35.99 2.23 0.00	34.60 1.80 0.00	35.06 1.80 0.00	34.36 1.70 0.00	34.51 1.80 0.00	38.20 2.09 0.00	52.98 3.00 0.00	68.27 4.11 0.00	56.74 3.21 0.00	46.87 2.69 0.00	44.16 2.77 0.00	42.98 2.58 -1.32	42.58 2.61 -0.45	43.40 2.63 -2.62	43.45 2.67 -2.71	43.44 2.81 -0.55	51.04 3.20 0.00	66.56 3.94 0.00	78.56 4.58 -0.16	78.89 4.68 0.00	61.54 3.26 0.00	52.38 2.59 0.00	46.64 2.43 0.00	42.72 2.27 0.00
MODEL_CITY_ENERGY 24167	31.53 -2.23 0.00	31.42 -1.38 0.00	31.57 -1.70 0.00	30.93 -1.73 0.00	31.05 -1.67 0.00	34.59 -1.51 0.00	47.28 -2.70 0.00	58.97 -5.20 0.00	50.15 -3.37 0.00	41.92 -2.25 0.00	40.02 -1.36 0.00	37.87 -1.25 -0.04	38.35 -1.18 -0.01	36.98 -1.26 -0.09	36.03 -2.13 -0.09	36.93 -3.17 -0.02	43.57 -4.26 0.00	56.60 -6.01 0.00	67.77 -6.05 0.00	68.13 -6.08 0.00	54.19 -4.08 0.00	47.35 -2.44 0.00	41.78 -2.43 0.00	38.96 -1.50 0.00
MODERN_LFGE___ 323580	31.53 -2.23 0.00	31.42 -1.38 0.00	31.57 -1.70 0.00	30.93 -1.73 0.00	31.05 -1.67 0.00	34.59 -1.51 0.00	47.28 -2.70 0.00	58.97 -5.20 0.00	50.15 -3.37 0.00	41.92 -2.25 0.00	40.02 -1.36 0.00	37.87 -1.25 -0.04	38.35 -1.18 -0.01	36.98 -1.26 -0.09	36.03 -2.13 -0.09	36.93 -3.17 -0.02	43.57 -4.26 0.00	56.60 -6.01 0.00	67.77 -6.05 0.00	68.13 -6.08 0.00	54.19 -4.08 0.00	47.35 -2.44 0.00	41.78 -2.43 0.00	38.96 -1.50 0.00
MOHAWK_PAPER___DRP 24187	34.84 1.08 0.00	33.68 0.89 0.00	34.19 0.93 0.00	33.61 0.95 0.00	33.60 0.88 0.00	37.11 1.01 0.00	51.32 1.35 0.00	66.09 1.92 0.00	54.97 1.45 0.00	45.23 1.06 0.00	42.21 0.83 0.00	39.38 0.39 0.09	39.89 0.40 0.03	38.51 0.53 0.17	38.62 0.72 0.18	40.85 0.80 0.04	49.12 1.29 0.00	64.30 1.69 0.00	75.51 1.70 0.01	75.62 1.41 0.00	59.38 1.11 0.00	50.59 0.80 0.00	44.88 0.66 0.00	41.10 0.65 0.00
MOHICAN___35_KV_115KV_LD 80490	35.11 1.35 0.00	34.01 1.21 0.00	34.59 1.33 0.00	34.04 1.37 0.00	34.05 1.34 0.00	37.62 1.52 0.00	52.17 2.20 0.00	67.37 3.21 0.00	55.93 2.41 0.00	45.72 1.55 0.00	42.34 0.95 0.00	39.62 0.63 0.08	40.13 0.63 0.03	38.72 0.72 0.15	38.83 0.91 0.16	41.13 1.08 0.03	49.60 1.77 0.00	65.24 2.63 0.00	76.91 3.10 0.01	76.96 2.75 0.00	60.31 2.04 0.00	51.28 1.49 0.00	45.49 1.28 0.00	41.67 1.21 0.00
MONGAUP___HYD 23641	35.95 2.19 0.00	34.60 1.80 0.00	35.06 1.79 0.00	34.33 1.66 0.00	34.48 1.77 0.00	38.16 2.06 0.00	53.22 3.25 0.00	68.33 4.17 0.00	56.36 2.83 0.00	46.34 2.16 0.00	43.42 2.03 0.00	42.14 2.07 -0.99	42.00 2.13 -0.34	42.21 2.10 -1.96	42.24 2.13 -2.04	42.78 2.28 -0.42	50.61 2.77 0.00	66.56 3.95 0.00	78.89 4.95 -0.12	79.19 4.97 0.00	61.77 3.50 0.00	52.53 2.74 0.00	46.73 2.52 0.00	42.76 2.30 0.00
MONTAUK___DIESEL 23721	35.82 2.06 0.00	34.08 1.28 0.00	34.73 1.46 0.00	34.10 1.44 0.00	34.25 1.54 0.00	37.98 1.88 0.00	51.17 1.20 0.00	65.82 1.67 0.01	54.37 0.86 0.01	45.23 1.06 0.00	42.95 1.57 0.00	38.92 0.98 1.13	35.19 0.99 5.32	34.51 0.99 4.63	34.59 1.22 4.70	37.28 1.28 4.08	49.45 1.63 0.01	64.67 2.07 0.00	71.51 0.89 3.20	77.25 3.04 0.00	59.96 1.69 0.00	51.03 1.24 0.00	45.14 0.93 0.00	42.03 1.58 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.56 -2.19 0.00	31.58 -1.21 0.00	31.90 -1.36 0.00	31.00 -1.67 0.00	31.21 -1.50 0.00	34.66 -1.44 0.00	48.18 -1.80 0.00	60.63 -3.53 0.00	51.17 -2.36 0.00	42.58 -1.59 0.00	39.98 -1.41 0.00	38.58 -0.55 -0.05	39.07 -0.47 -0.02	37.29 -0.95 -0.10	36.84 -1.33 -0.10	37.74 -2.36 -0.02	44.53 -3.30 0.00	58.23 -4.38 0.00	70.87 -2.95 0.00	71.24 -2.97 0.00	56.35 -1.92 0.00	49.24 -0.55 0.00	43.64 -0.57 0.00	40.53 0.08 0.00

MORRIS_RIDGE___SOLAR 323848	31.93 -1.82 0.00	31.75 -1.05 0.00	31.93 -1.33 0.00	31.26 -1.40 0.00	31.34 -1.37 0.00	35.02 -1.08 0.00	48.33 -1.65 0.00	60.96 -3.21 0.00	51.33 -2.20 0.00	42.45 -1.72 0.00	40.39 -0.99 0.00	38.27 -0.86 -0.06	38.71 -0.83 -0.02	37.35 -0.92 -0.11	36.67 -1.52 -0.12	37.78 -2.33 -0.02	44.82 -3.01 0.00	58.79 -3.82 0.00	70.66 -3.17 -0.01	70.80 -3.41 0.00	55.94 -2.33 0.00	48.55 -1.24 0.00	42.97 -1.24 0.00	39.85 -0.61 0.00
MORTIMER_115KV_TB3 55949	32.85 -0.91 0.00	32.44 -0.36 0.00	32.70 -0.57 0.00	32.04 -0.62 0.00	32.16 -0.56 0.00	35.60 -0.51 0.00	49.38 -0.60 0.00	62.94 -1.22 0.00	52.83 -0.70 0.00	43.95 -0.22 0.00	41.18 -0.21 0.00	39.42 0.31 -0.03	39.77 0.24 -0.01	38.21 0.00 -0.07	37.88 -0.27 -0.07	39.26 -0.84 -0.01	46.78 -1.05 0.00	61.05 -1.57 0.00	72.79 -1.03 0.00	72.73 -1.48 0.00	57.34 -0.93 0.00	49.39 -0.40 0.00	43.64 -0.57 0.00	40.17 -0.28 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.19 2.43 0.00	34.77 1.97 0.00	35.19 1.93 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.38 2.27 0.00	53.28 3.30 -0.01	68.60 4.43 -0.01	56.96 3.43 -0.01	47.13 2.96 -0.01	44.41 3.02 -0.01	43.24 2.85 -1.31	42.82 2.85 -0.45	43.60 2.86 -2.59	43.66 2.89 -2.69	43.64 3.01 -0.55	51.28 3.44 -0.01	66.81 4.19 -0.01	78.94 4.80 -0.32	79.12 4.90 -0.01	61.71 3.44 0.00	52.58 2.79 -0.01	46.86 2.65 0.00	42.92 2.47 0.00
MUNSVILLE_WIND_PWR 323609	35.04 1.28 0.00	34.28 1.48 0.00	34.63 1.36 0.00	33.94 1.27 0.00	34.32 1.60 0.00	38.02 1.91 0.00	53.18 3.20 0.00	68.33 4.17 0.00	57.43 3.91 0.00	46.82 2.65 0.00	44.04 2.65 0.00	41.74 2.58 -0.09	42.08 2.53 -0.03	40.61 2.29 -0.17	40.19 1.94 -0.18	42.28 2.16 -0.04	50.56 2.72 0.00	66.49 3.88 0.00	79.37 5.54 -0.01	80.52 6.30 0.00	62.82 4.55 0.00	53.53 3.74 0.00	47.17 2.96 0.00	43.00 2.55 0.00
N SALMON___HYD 24042	34.06 0.30 0.00	33.19 0.40 0.00	33.50 0.23 0.00	32.99 0.33 0.00	33.01 0.29 0.00	36.36 0.25 0.00	50.42 0.45 0.00	64.74 0.58 0.00	54.22 0.69 0.00	44.70 0.53 0.00	41.92 0.54 0.00	39.74 0.66 0.00	40.15 0.63 0.00	38.76 0.61 0.00	38.53 0.46 0.00	40.84 0.76 0.00	48.55 0.72 0.00	63.99 1.38 0.00	75.00 1.18 0.00	75.70 1.48 0.00	59.61 1.34 0.00	51.04 1.25 0.00	45.54 1.33 0.00	41.26 0.81 0.00
N.AKRON__115KV_KNAPP 355671	32.24 -1.52 0.00	32.14 -0.66 0.00	32.30 -0.96 0.00	31.52 -1.14 0.00	31.76 -0.95 0.00	35.13 -0.97 0.00	48.68 -1.30 0.00	61.15 -3.02 0.00	51.60 -1.93 0.00	43.11 -1.06 0.00	40.31 -1.08 0.00	39.00 -0.12 -0.04	39.34 -0.20 -0.01	37.54 -0.69 -0.08	37.09 -1.07 -0.08	38.06 -2.04 -0.02	45.10 -2.73 0.00	58.79 -3.82 0.00	70.57 -3.25 0.00	70.72 -3.49 0.00	56.06 -2.21 0.00	48.84 -0.95 0.00	43.06 -1.15 0.00	39.97 -0.49 0.00
N.E_GEN_SANDY PD 24062	35.11 1.35 0.00	33.91 1.12 0.00	34.46 1.20 0.00	33.87 1.21 0.00	33.89 1.18 0.00	37.18 1.23 0.15	58.08 1.85 -6.26	72.05 2.44 -5.45	64.54 1.82 -9.19	46.96 1.50 -1.29	42.42 1.04 0.00	39.44 0.47 0.11	40.00 0.51 0.04	38.40 0.46 0.21	38.74 0.88 0.22	41.00 0.96 0.04	54.65 1.77 -5.05	69.37 2.19 -4.57	76.10 2.29 0.01	76.07 1.86 0.00	72.87 1.69 -12.91	51.55 1.25 -0.51	44.63 0.93 0.52	41.26 0.81 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.99 2.23 0.00	34.57 1.77 0.00	35.03 1.76 0.00	34.33 1.67 0.00	34.48 1.77 0.00	38.20 2.09 0.00	53.03 3.05 0.00	68.27 4.11 0.00	56.63 3.10 0.00	46.78 2.61 0.00	44.12 2.73 0.00	42.82 2.54 -1.20	42.50 2.57 -0.41	43.12 2.59 -2.38	43.17 2.63 -2.47	43.31 2.73 -0.50	50.89 3.06 0.00	66.50 3.88 0.00	78.54 4.58 -0.15	78.89 4.68 0.00	61.54 3.26 0.00	52.33 2.54 0.00	46.64 2.43 0.00	42.72 2.27 0.00
N.QUEENS_27_KV_LOAD 356247	36.57 2.80 -0.01	35.14 2.33 -0.01	35.63 2.36 -0.01	34.93 2.25 -0.01	35.04 2.32 -0.01	38.78 2.67 -0.01	53.98 4.00 -0.01	68.98 4.81 -0.01	57.12 3.59 -0.01	47.48 3.31 0.00	44.74 3.35 0.00	43.54 3.17 -1.30	43.13 3.16 -0.44	43.90 3.17 -2.58	43.95 3.20 -2.68	43.95 3.33 -0.54	51.62 3.78 -0.01	67.12 4.51 -0.01	78.91 4.80 -0.29	79.34 5.12 -0.01	61.89 3.61 0.00	53.08 3.29 -0.01	47.23 3.01 -0.01	43.37 2.91 -0.01
N.TROY___115KV_TB1 355778	35.01 1.25 0.00	33.85 1.05 0.00	34.39 1.13 0.00	33.81 1.14 0.00	33.82 1.11 0.00	37.33 1.23 0.00	51.77 1.80 0.00	66.60 2.44 0.00	55.40 1.87 0.00	45.58 1.41 0.00	42.42 1.03 0.00	39.54 0.55 0.08	40.05 0.55 0.03	38.67 0.69 0.17	38.78 0.88 0.17	41.01 0.96 0.04	49.46 1.63 0.00	64.74 2.13 0.00	76.10 2.29 0.01	76.14 1.93 0.00	59.85 1.57 0.00	50.98 1.19 0.00	45.14 0.93 0.00	41.30 0.85 0.00
NARROWS_GT1_1 24228	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NARROWS_GT1_2 24229	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NARROWS_GT1_3 24230	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NARROWS_GT1_4 24231	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NARROWS_GT1_5 24232	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01

NARROWS_GT1_6 24233	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NARROWS_GT1_7 24234	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NARROWS_GT1_8 24235	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NARROWS_GT2_1 24236	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NARROWS_GT2_2 24237	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NARROWS_GT2_3 24238	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NARROWS_GT2_4 24239	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NARROWS_GT2_5 24240	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NARROWS_GT2_6 24241	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NARROWS_GT2_7 24242	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NARROWS_GT2_8 24243	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.33 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.94 1.18 0.00	33.82 1.02 0.00	34.29 1.03 0.00	33.68 1.01 0.00	34.18 1.47 0.00	37.87 1.77 0.00	52.72 2.75 0.00	67.82 3.66 0.00	55.67 2.14 0.00	45.32 1.15 0.00	42.09 0.70 0.00	39.13 0.08 0.03	39.63 0.12 0.01	38.36 0.27 0.05	38.40 0.38 0.06	40.67 0.60 0.01	48.93 1.10 0.00	64.55 1.94 0.00	75.73 1.92 0.01	76.21 2.00 0.00	59.73 1.46 0.00	50.84 1.05 0.00	45.10 0.88 0.00	41.30 0.85 0.00
NCHELSEA_115KV_TR2 355582	35.88 2.13 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.41 1.70 0.00	38.12 2.02 0.00	52.97 3.00 0.00	68.27 4.11 0.00	56.52 3.00 0.00	46.64 2.47 0.00	43.83 2.44 0.00	41.60 2.31 -0.22	41.93 2.33 -0.07	40.94 2.37 -0.43	40.88 2.36 -0.44	42.66 2.49 -0.09	50.80 2.97 0.00	66.49 3.88 0.00	78.41 4.58 -0.01	78.81 4.60 0.00	61.54 3.26 0.00	52.33 2.54 0.00	46.60 2.39 0.00	42.64 2.18 0.00
NEG CAPITAL___MECHNVIL 23645	35.24 1.48 0.00	34.11 1.31 0.00	34.69 1.43 0.00	34.10 1.44 0.00	34.12 1.41 0.00	37.65 1.55 0.00	52.27 2.30 0.00	67.37 3.21 0.00	55.99 2.46 0.00	45.94 1.77 0.00	42.59 1.20 0.00	39.85 0.86 0.08	40.41 0.91 0.03	38.87 0.88 0.16	39.05 1.14 0.16	41.37 1.32 0.03	49.89 2.06 0.00	65.43 2.82 0.00	76.98 3.17 0.01	77.03 2.82 0.00	60.49 2.21 0.00	51.48 1.69 0.00	45.63 1.41 0.00	41.79 1.33 0.00
NEG CENTRAL_HIGH_ACRES 23767	32.31 -1.45 0.00	31.82 -0.98 0.00	32.10 -1.17 0.00	31.49 -1.17 0.00	31.57 -1.15 0.00	35.13 -0.97 0.00	48.63 -1.35 0.00	62.24 -1.92 0.00	52.30 -1.23 0.00	43.38 -0.79 0.00	40.93 -0.45 0.00	38.75 -0.35 -0.03	39.22 -0.32 -0.01	37.79 -0.42 -0.06	37.30 -0.84 -0.07	38.81 -1.28 -0.01	46.25 -1.58 0.00	60.36 -2.25 0.00	71.99 -1.99 -0.16	72.00 -2.38 -0.17	56.56 -1.75 -0.03	48.55 -1.24 0.00	42.91 -1.33 -0.02	39.40 -1.05 0.00

NEG CENTRAL___DRP 24199	33.35 -0.41 0.00	32.67 -0.13 0.00	33.03 -0.23 0.00	32.44 -0.23 0.00	32.48 -0.23 0.00	36.03 -0.07 0.00	49.97 0.00 0.00	64.10 -0.06 0.00	53.52 0.00 0.00	44.26 0.09 0.00	41.51 0.12 0.00	39.50 0.39 -0.04	39.89 0.36 -0.01	38.37 0.15 -0.07	38.19 0.04 -0.08	39.90 -0.20 -0.02	47.54 -0.29 0.00	62.11 -0.50 0.00	74.50 0.30 -0.39	74.62 0.00 -0.40	58.23 -0.12 -0.07	49.74 -0.05 0.00	44.18 -0.09 -0.06	40.49 0.04 0.00
NEG CENTRAL___INDECK 23768	33.25 -0.51 0.00	33.00 0.20 0.00	33.20 -0.07 0.00	32.57 -0.10 0.00	32.65 -0.07 0.00	36.57 0.47 0.00	50.82 0.85 0.00	64.80 0.64 0.00	54.11 0.59 0.00	44.52 0.35 0.00	42.09 0.70 0.00	39.79 0.66 -0.05	40.21 0.67 -0.02	38.74 0.49 -0.10	38.10 -0.08 -0.10	39.50 -0.60 -0.02	47.21 -0.62 0.00	62.18 -0.44 0.00	75.15 1.33 0.00	75.03 0.82 0.00	59.09 0.82 0.00	50.88 1.09 0.00	44.88 0.66 0.00	41.34 0.89 0.00
NEG CENTRAL___SENECA 23627	33.29 -0.47 0.00	32.70 -0.10 0.00	33.03 -0.23 0.00	32.44 -0.23 0.00	32.48 -0.23 0.00	36.07 -0.04 0.00	50.07 0.10 0.00	64.16 0.00 0.00	53.58 0.05 0.00	44.39 0.22 0.00	41.63 0.25 0.00	39.70 0.59 -0.04	40.09 0.55 -0.01	38.53 0.31 -0.08	38.31 0.15 -0.08	39.94 -0.16 -0.02	47.54 -0.29 0.00	62.05 -0.56 0.00	74.49 0.44 -0.23	74.52 0.07 -0.24	58.26 -0.06 -0.04	49.89 0.10 0.00	44.33 0.09 -0.03	40.70 0.24 0.00
NEG CENTRAL___STATE_STREET 24147	33.45 -0.30 0.00	32.67 -0.13 0.00	33.06 -0.20 0.00	32.47 -0.20 0.00	32.52 -0.20 0.00	36.03 -0.07 0.00	49.97 0.00 0.00	64.23 0.06 0.00	53.63 0.11 0.00	44.21 0.04 0.00	41.43 0.04 0.00	39.31 0.20 -0.04	39.73 0.20 -0.01	38.30 0.08 -0.07	38.15 0.00 -0.08	39.98 -0.12 -0.02	47.64 -0.19 0.00	62.36 -0.25 0.00	74.67 0.37 -0.48	74.86 0.15 -0.50	58.36 0.00 -0.09	49.79 0.00 0.00	44.15 -0.13 -0.07	40.37 -0.08 0.00
NEG MILLWOOD___DRP 24198	35.92 2.16 0.00	34.57 1.77 0.00	35.09 1.83 0.00	34.36 1.70 0.00	34.51 1.80 0.00	38.16 2.06 0.00	52.92 2.95 0.00	68.40 4.23 0.00	56.79 3.27 0.00	46.91 2.74 0.00	44.03 2.65 0.00	42.16 2.54 -0.54	42.24 2.53 -0.19	41.82 2.59 -1.08	41.82 2.63 -1.12	43.08 2.77 -0.23	51.13 3.30 0.00	66.62 4.01 0.00	78.48 4.65 -0.01	79.04 4.82 0.00	61.65 3.38 0.00	52.48 2.69 0.00	46.69 2.48 0.00	42.72 2.27 0.00
NEG NORTH_FLCN_SEA 23793	33.62 -0.14 0.00	32.80 0.00 0.00	33.06 -0.20 0.00	32.57 -0.10 0.00	32.55 -0.16 0.00	35.81 -0.29 0.00	49.03 -0.95 0.00	62.88 -1.28 0.00	52.51 -1.02 0.00	43.82 -0.35 0.00	40.93 -0.46 0.00	38.88 -0.20 0.00	39.44 -0.08 0.00	38.15 0.00 0.00	37.96 -0.11 0.00	40.28 0.20 0.00	47.45 -0.38 0.00	62.67 0.06 0.00	73.97 0.15 0.00	74.51 0.30 0.00	58.62 0.35 0.00	50.09 0.30 0.00	44.96 0.75 0.00	40.86 0.40 0.00
NEG NORTH_KES_CHATEGAY 23792	33.76 0.00 0.00	32.86 0.07 0.00	33.20 -0.07 0.00	32.66 0.00 0.00	32.68 -0.03 0.00	36.03 -0.07 0.00	49.87 -0.10 0.00	64.03 -0.13 0.00	53.47 -0.05 0.00	44.08 -0.09 0.00	41.30 -0.08 0.00	39.11 0.04 0.00	39.60 0.08 0.00	38.19 0.04 0.00	38.08 0.00 0.00	40.28 0.20 0.00	47.97 0.14 0.00	63.17 0.56 0.00	74.12 0.30 0.00	74.66 0.45 0.00	58.74 0.47 0.00	50.19 0.40 0.00	44.79 0.57 0.00	40.74 0.28 0.00
NEG NORTH___ALICE_FALLS 23915	33.83 0.07 0.00	32.96 0.16 0.00	33.26 0.00 0.00	32.73 0.07 0.00	32.71 0.00 0.00	36.03 -0.07 0.00	49.57 -0.40 0.00	63.59 -0.58 0.00	53.15 -0.37 0.00	44.13 -0.04 0.00	41.26 -0.12 0.00	39.19 0.12 0.00	39.72 0.20 0.00	38.34 0.19 0.00	38.15 0.08 0.00	40.48 0.40 0.00	47.93 0.10 0.00	63.30 0.69 0.00	74.63 0.81 0.00	75.25 1.04 0.00	59.15 0.87 0.00	50.54 0.75 0.00	45.23 1.02 0.00	41.06 0.61 0.00
NEG NORTH___LWR_SARANAC 23913	33.83 0.07 0.00	32.96 0.16 0.00	33.26 0.00 0.00	32.73 0.07 0.00	32.71 0.00 0.00	36.03 -0.07 0.00	49.57 -0.40 0.00	63.59 -0.58 0.00	53.15 -0.37 0.00	44.13 -0.04 0.00	41.26 -0.12 0.00	39.19 0.12 0.00	39.72 0.20 0.00	38.34 0.19 0.00	38.15 0.08 0.00	40.48 0.40 0.00	47.93 0.10 0.00	63.30 0.69 0.00	74.63 0.81 0.00	75.25 1.04 0.00	59.15 0.87 0.00	50.54 0.75 0.00	45.23 1.02 0.00	41.06 0.61 0.00
NEG NORTH___PLATTSBURG 23628	33.83 0.07 0.00	32.96 0.16 0.00	33.26 0.00 0.00	32.73 0.07 0.00	32.71 0.00 0.00	36.00 -0.11 0.00	49.57 -0.40 0.00	63.58 -0.58 0.00	53.15 -0.37 0.00	44.13 -0.04 0.00	41.22 -0.16 0.00	39.19 0.12 0.00	39.64 0.12 0.00	38.34 0.19 0.00	38.15 0.08 0.00	40.48 0.40 0.00	47.93 0.10 0.00	63.30 0.69 0.00	74.63 0.81 0.00	75.25 1.04 0.00	59.15 0.88 0.00	50.54 0.75 0.00	45.23 1.02 0.00	41.06 0.61 0.00
NEG WEST_LEA_LOCKPORT 23791	31.73 -2.03 0.00	31.72 -1.08 0.00	31.83 -1.43 0.00	31.06 -1.60 0.00	31.27 -1.44 0.00	34.55 -1.55 0.00	47.63 -2.35 0.00	59.48 -4.68 0.00	50.26 -3.27 0.00	42.14 -2.03 0.00	39.44 -1.95 0.00	38.26 -0.86 -0.04	38.55 -0.99 -0.01	36.82 -1.41 -0.08	36.37 -1.79 -0.09	37.30 -2.81 -0.02	44.00 -3.83 0.00	57.16 -5.45 0.00	68.58 -5.24 0.00	68.94 -5.27 0.00	54.78 -3.50 0.00	47.85 -1.94 0.00	42.22 -1.99 0.00	39.36 -1.09 0.00
NEG WEST___LANCASTR 23811	31.36 -2.40 0.00	31.26 -1.54 0.00	31.40 -1.86 0.00	30.67 -1.99 0.00	30.82 -1.90 0.00	34.19 -1.91 0.00	47.43 -2.55 0.00	59.35 -4.81 0.00	49.99 -3.53 0.00	41.56 -2.61 0.00	39.15 -2.23 0.00	37.83 -1.29 -0.05	38.16 -1.38 -0.02	36.49 -1.75 -0.10	36.12 -2.06 -0.10	37.06 -3.05 -0.02	43.67 -4.16 0.00	57.10 -5.51 0.00	68.73 -5.09 0.00	69.24 -4.97 0.00	54.66 -3.61 0.00	47.50 -2.29 0.00	42.00 -2.21 0.00	39.00 -1.46 0.00
NEG_PENN_ALLEGHNY 23528	33.69 -0.07 0.00	32.93 0.13 0.00	33.33 0.07 0.00	32.70 0.03 0.00	32.75 0.03 0.00	36.32 0.22 0.00	50.42 0.45 0.00	64.49 0.32 0.00	53.90 0.38 0.00	44.48 0.31 0.00	41.92 0.54 0.00	39.75 0.59 -0.09	40.18 0.63 -0.03	38.86 0.53 -0.18	38.60 0.34 -0.18	40.24 0.12 -0.04	47.78 -0.05 0.00	62.49 -0.12 0.00	74.35 0.52 -0.01	74.58 0.37 0.00	58.51 0.23 0.00	50.09 0.30 0.00	44.43 0.22 0.00	40.82 0.36 0.00
NEG___GEN_MONROE 24207	32.91 -0.84 0.00	32.60 -0.20 0.00	32.83 -0.43 0.00	32.17 -0.49 0.00	32.29 -0.43 0.00	35.81 -0.29 0.00	49.57 -0.40 0.00	63.01 -1.15 0.00	52.94 -0.59 0.00	43.99 -0.18 0.00	41.22 -0.17 0.00	39.50 0.39 -0.03	39.89 0.36 -0.01	38.21 0.00 -0.07	37.84 -0.30 -0.07	39.14 -0.96 -0.01	46.54 -1.29 0.00	60.80 -1.82 0.00	72.57 -1.25 0.00	72.58 -1.63 0.00	57.28 -0.99 0.00	49.44 -0.35 0.00	43.77 -0.44 0.00	40.41 -0.04 0.00
NEPA___ENERGY 23901	32.10 -1.65 0.00	31.95 -0.85 0.00	32.17 -1.10 0.00	31.39 -1.27 0.00	31.50 -1.21 0.00	34.98 -1.12 0.00	48.53 -1.45 0.00	60.76 -3.40 0.00	51.12 -2.41 0.00	42.45 -1.72 0.00	40.02 -1.37 0.00	38.66 -0.47 -0.05	38.99 -0.55 -0.02	37.29 -0.95 -0.10	36.92 -1.26 -0.10	37.90 -2.20 -0.02	44.67 -3.16 0.00	58.42 -4.19 0.00	70.42 -3.40 0.00	70.87 -3.34 0.00	55.94 -2.33 0.00	48.59 -1.19 0.00	42.97 -1.24 0.00	39.97 -0.49 0.00

NEVERSINK___HYD 23608	36.16 2.40 0.00	34.80 2.00 0.00	35.26 2.00 0.00	34.56 1.89 0.00	34.71 2.00 0.00	38.42 2.31 0.00	53.58 3.60 0.00	71.41 7.25 0.00	59.14 5.62 0.00	48.50 4.33 0.00	45.48 4.10 0.00	43.44 4.06 -0.30	43.77 4.15 -0.10	42.74 4.00 -0.59	42.53 3.84 -0.61	44.42 4.21 -0.12	53.00 5.17 0.00	69.62 7.01 0.00	82.41 8.56 -0.03	83.19 8.98 0.00	64.74 6.47 0.00	55.02 5.23 0.00	48.90 4.68 0.00	44.62 4.17 0.00
NEWKRMKL_115KV_TB1 55635	34.47 0.71 0.00	33.32 0.52 0.00	33.80 0.53 0.00	33.22 0.56 0.00	33.24 0.52 0.00	36.72 0.61 0.00	50.62 0.65 0.00	65.19 1.03 0.00	54.22 0.70 0.00	44.66 0.49 0.00	41.72 0.33 0.00	38.95 -0.04 0.09	39.49 0.00 0.03	38.13 0.15 0.17	38.24 0.34 0.18	40.41 0.36 0.04	48.55 0.72 0.00	63.49 0.88 0.00	74.55 0.74 0.01	74.66 0.45 0.00	58.62 0.35 0.00	49.89 0.10 0.00	44.30 0.09 0.00	40.61 0.16 0.00
NEWTON___FALLS_HYD 23847	33.99 0.24 0.00	33.16 0.36 0.00	33.46 0.20 0.00	32.86 0.20 0.00	33.07 0.36 0.00	36.39 0.29 0.00	50.47 0.50 0.00	64.61 0.45 0.00	54.11 0.59 0.00	44.30 0.13 0.00	41.68 0.29 0.00	39.35 0.27 0.00	39.96 0.43 0.00	38.49 0.34 0.00	38.27 0.19 0.00	40.85 0.76 0.00	48.36 0.53 0.00	63.43 0.81 0.00	75.02 0.96 -0.24	75.95 1.48 -0.26	59.72 1.40 -0.04	51.08 1.29 0.00	45.35 1.11 -0.03	41.14 0.69 0.00
NGRID_A1_DSASP 323792	31.39 -2.36 0.00	31.68 -1.12 0.00	31.80 -1.46 0.00	30.84 -1.83 0.00	30.91 -1.80 0.00	34.73 -1.37 0.00	47.28 -2.70 0.00	58.77 -5.39 0.00	50.10 -3.43 0.00	41.92 -2.25 0.00	40.02 -1.36 0.00	37.91 -1.21 -0.04	38.39 -1.15 -0.01	36.98 -1.26 -0.09	36.03 -2.13 -0.09	36.89 -3.21 -0.02	43.53 -4.30 0.00	56.41 -6.20 0.00	67.47 -6.35 0.00	67.90 -6.31 0.00	54.02 -4.25 0.00	47.30 -2.49 0.00	41.74 -2.48 0.00	39.04 -1.42 0.00
NGRID_A2_DSASP 323793	31.39 -2.36 0.00	31.68 -1.12 0.00	31.80 -1.46 0.00	30.84 -1.83 0.00	30.91 -1.80 0.00	34.73 -1.37 0.00	47.28 -2.70 0.00	58.77 -5.39 0.00	50.10 -3.43 0.00	41.92 -2.25 0.00	40.02 -1.36 0.00	37.91 -1.21 -0.04	38.39 -1.15 -0.01	36.98 -1.26 -0.09	36.03 -2.13 -0.09	36.89 -3.21 -0.02	43.53 -4.30 0.00	56.41 -6.20 0.00	67.47 -6.35 0.00	67.90 -6.31 0.00	54.02 -4.25 0.00	47.30 -2.49 0.00	41.74 -2.48 0.00	39.04 -1.42 0.00
NGRID_A4_DSASP 323807	31.39 -2.36 0.00	31.68 -1.12 0.00	31.80 -1.46 0.00	30.84 -1.83 0.00	30.91 -1.80 0.00	34.73 -1.37 0.00	47.28 -2.70 0.00	58.77 -5.39 0.00	50.10 -3.43 0.00	41.92 -2.25 0.00	40.02 -1.36 0.00	37.91 -1.21 -0.04	38.39 -1.15 -0.01	36.98 -1.26 -0.09	36.03 -2.13 -0.09	36.89 -3.21 -0.02	43.53 -4.30 0.00	56.41 -6.20 0.00	67.47 -6.35 0.00	67.90 -6.31 0.00	54.02 -4.25 0.00	47.30 -2.49 0.00	41.74 -2.48 0.00	39.04 -1.42 0.00
NIAGARA_115E_LBMP 323715	31.39 -2.36 0.00	31.29 -1.51 0.00	31.40 -1.86 0.00	30.80 -1.86 0.00	30.91 -1.80 0.00	34.41 -1.70 0.00	47.03 -2.95 0.00	58.52 -5.65 0.00	49.83 -3.69 0.00	41.70 -2.47 0.00	39.77 -1.61 0.00	37.67 -1.44 -0.04	38.15 -1.38 -0.01	36.79 -1.45 -0.09	35.84 -2.32 -0.09	36.69 -3.41 -0.02	43.29 -4.54 0.00	56.16 -6.45 0.00	67.25 -6.57 0.00	67.61 -6.61 0.00	53.84 -4.43 0.00	47.05 -2.74 0.00	41.51 -2.70 0.00	38.75 -1.70 0.00
NIAGARA_115W_LBMP 323714	31.30 -2.46 0.00	31.62 -1.18 0.00	31.73 -1.53 0.00	30.74 -1.93 0.00	30.81 -1.90 0.00	34.62 -1.48 0.00	47.07 -2.90 0.00	58.58 -5.58 0.00	49.94 -3.59 0.00	41.78 -2.39 0.00	39.90 -1.49 0.00	37.75 -1.37 -0.04	38.24 -1.30 -0.01	36.86 -1.37 -0.09	35.96 -2.21 -0.09	36.82 -3.29 -0.02	43.38 -4.45 0.00	56.22 -6.39 0.00	67.25 -6.57 0.00	67.68 -6.53 0.00	53.84 -4.43 0.00	47.15 -2.64 0.00	41.60 -2.61 0.00	38.92 -1.54 0.00
NIAGARA_230_LBMP 323716	31.60 -2.16 0.00	31.65 -1.15 0.00	31.80 -1.46 0.00	31.00 -1.66 0.00	31.11 -1.60 0.00	34.80 -1.30 0.00	47.53 -2.45 0.00	59.22 -4.94 0.00	50.42 -3.11 0.00	42.14 -2.03 0.00	40.18 -1.20 0.00	38.06 -1.05 -0.04	38.55 -0.99 -0.01	37.17 -1.07 -0.09	36.26 -1.90 -0.09	37.18 -2.92 -0.02	43.81 -4.02 0.00	56.85 -5.76 0.00	67.99 -5.83 0.00	68.35 -5.86 0.00	54.37 -3.90 0.00	47.50 -2.29 0.00	41.96 -2.25 0.00	39.16 -1.30 0.00
NIAGARA___115KV_198_GIBSON 55903	31.29 -2.46 0.00	31.62 -1.18 0.00	31.73 -1.53 0.00	30.93 -1.73 0.00	30.82 -1.90 0.00	34.26 -1.84 0.00	46.98 -3.00 0.00	58.52 -5.65 0.00	49.51 -4.01 0.00	41.56 -2.61 0.00	38.90 -2.48 0.00	37.75 -1.37 -0.04	38.08 -1.46 -0.01	36.33 -1.91 -0.09	35.96 -2.21 -0.09	36.82 -3.29 -0.02	43.38 -4.45 0.00	56.22 -6.39 0.00	67.32 -6.50 0.00	67.68 -6.53 0.00	53.84 -4.43 0.00	47.15 -2.64 0.00	41.60 -2.61 0.00	38.92 -1.54 0.00
NIAGARA____ 23760	31.60 -2.16 0.00	31.65 -1.15 0.00	31.80 -1.46 0.00	31.00 -1.66 0.00	31.11 -1.60 0.00	34.80 -1.30 0.00	47.53 -2.45 0.00	59.22 -4.94 0.00	50.42 -3.11 0.00	42.14 -2.03 0.00	40.18 -1.20 0.00	38.07 -1.05 -0.04	38.55 -0.99 -0.01	37.17 -1.07 -0.09	36.26 -1.90 -0.09	37.18 -2.92 -0.02	43.81 -4.02 0.00	56.85 -5.76 0.00	67.99 -5.83 0.00	68.35 -5.86 0.00	54.37 -3.90 0.00	47.50 -2.29 0.00	41.96 -2.25 0.00	39.16 -1.30 0.00
NINE_MILE_1 23575	32.75 -1.01 0.00	31.88 -0.92 0.00	32.33 -0.93 0.00	31.72 -0.95 0.00	31.80 -0.92 0.00	35.13 -0.97 0.00	48.52 -1.45 0.00	62.24 -1.92 0.00	52.03 -1.50 0.00	42.93 -1.24 0.00	40.31 -1.08 0.00	38.02 -1.05 0.00	38.50 -1.03 0.00	37.12 -1.03 0.00	36.97 -1.11 0.00	38.84 -1.24 0.00	46.30 -1.53 0.00	60.55 -2.06 0.00	65.92 -2.21 5.69	65.96 -2.30 5.95	55.38 -1.87 1.02	48.25 -1.54 0.00	41.99 -1.42 0.81	39.20 -1.25 0.00
NINE_MILE_2 23744	32.75 -1.01 0.00	31.88 -0.92 0.00	32.33 -0.93 0.00	31.75 -0.91 0.00	31.80 -0.92 0.00	35.13 -0.97 0.00	48.52 -1.45 0.00	62.24 -1.92 0.00	52.03 -1.50 0.00	42.93 -1.24 0.00	40.31 -1.08 0.00	38.02 -1.05 0.00	38.50 -1.03 0.00	37.12 -1.03 0.00	36.97 -1.11 0.00	38.84 -1.24 0.00	46.30 -1.53 0.00	60.55 -2.06 0.00	65.87 -2.21 5.74	65.90 -2.30 6.01	55.37 -1.87 1.03	48.25 -1.54 0.00	41.98 -1.42 0.82	39.20 -1.25 0.00
NM_CAPITAL___DRP 24208	34.47 0.71 0.00	33.32 0.52 0.00	33.83 0.57 0.00	33.22 0.56 0.00	33.24 0.52 0.00	36.72 0.61 0.00	50.62 0.65 0.00	65.19 1.03 0.00	54.17 0.64 0.00	44.66 0.49 0.00	41.72 0.33 0.00	38.91 -0.08 0.09	39.45 -0.04 0.03	38.09 0.11 0.17	38.24 0.34 0.18	40.37 0.32 0.04	48.50 0.67 0.00	63.42 0.81 0.00	74.47 0.66 0.01	74.58 0.37 0.00	58.56 0.29 0.00	49.89 0.10 0.00	44.26 0.04 0.00	40.57 0.12 0.00
NM_CENTRAL___DRP 24181	33.25 -0.51 0.00	32.44 -0.36 0.00	32.86 -0.40 0.00	32.27 -0.39 0.00	32.32 -0.39 0.00	35.71 -0.40 0.00	49.47 -0.50 0.00	63.52 -0.64 0.00	53.10 -0.43 0.00	43.86 -0.31 0.00	41.10 -0.29 0.00	38.94 -0.16 -0.03	39.37 -0.16 -0.01	37.97 -0.23 -0.05	37.86 -0.27 -0.05	39.69 -0.40 -0.01	47.26 -0.57 0.00	61.80 -0.81 0.00	73.42 -0.59 -0.19	73.66 -0.74 -0.19	57.61 -0.70 -0.03	49.24 -0.55 0.00	43.66 -0.57 -0.03	39.97 -0.49 0.00

NM_FRONTIER___DRP 24179	31.29 -2.46 0.00	31.62 -1.18 0.00	31.73 -1.53 0.00	30.93 -1.73 0.00	30.82 -1.90 0.00	34.26 -1.84 0.00	46.98 -3.00 0.00	58.52 -5.65 0.00	49.51 -4.01 0.00	41.56 -2.61 0.00	38.90 -2.48 0.00	37.75 -1.37 -0.04	38.08 -1.46 -0.01	36.33 -1.91 -0.09	35.96 -2.21 -0.09	36.82 -3.29 -0.02	43.38 -4.45 0.00	56.22 -6.39 0.00	67.32 -6.50 0.00	67.68 -6.53 0.00	53.84 -4.43 0.00	47.15 -2.64 0.00	41.60 -2.61 0.00	38.92 -1.54 0.00
NM_ST_REGIS___HYD 24053	34.10 0.34 0.00	33.22 0.43 0.00	33.53 0.27 0.00	32.99 0.33 0.00	33.07 0.36 0.00	36.39 0.29 0.00	50.37 0.40 0.00	64.61 0.45 0.00	54.06 0.54 0.00	44.48 0.31 0.00	41.84 0.46 0.00	39.62 0.55 0.00	40.12 0.59 0.00	38.64 0.50 0.00	38.46 0.38 0.00	40.85 0.76 0.00	48.40 0.57 0.00	63.55 0.94 0.00	74.56 0.74 0.00	75.32 1.11 0.00	59.61 1.34 0.00	51.13 1.34 0.00	45.54 1.33 0.00	41.30 0.85 0.00
NORTHPORT___1 23551	36.05 2.30 0.00	34.41 1.61 0.00	34.99 1.73 0.00	34.33 1.66 0.00	34.48 1.77 0.00	37.94 1.84 0.00	51.82 1.85 0.00	66.40 2.24 0.01	54.85 1.34 0.01	46.02 1.85 0.00	43.25 1.86 0.00	42.80 2.42 -1.30	42.41 2.45 -0.44	43.02 2.29 -2.58	43.23 2.47 -2.68	43.19 2.57 -0.54	50.11 2.30 0.01	65.24 2.63 0.00	73.09 2.51 3.24	77.40 3.19 0.00	60.01 1.75 0.01	50.98 1.19 0.00	45.49 1.28 0.01	42.51 2.06 0.01
NORTHPORT___2 23552	36.05 2.30 0.00	34.41 1.61 0.00	34.99 1.73 0.00	34.33 1.66 0.00	34.48 1.77 0.00	37.94 1.84 0.00	51.82 1.85 0.00	66.40 2.24 0.01	54.85 1.34 0.01	46.02 1.85 0.00	43.25 1.86 0.00	42.80 2.42 -1.30	42.41 2.45 -0.44	43.02 2.29 -2.58	43.23 2.47 -2.68	43.19 2.57 -0.54	50.11 2.30 0.01	65.24 2.63 0.00	73.09 2.51 3.24	77.40 3.19 0.00	60.01 1.75 0.01	50.98 1.19 0.00	45.49 1.28 0.01	42.51 2.06 0.01
NORTHPORT___3 23553	35.95 2.19 0.00	34.34 1.54 0.00	34.93 1.66 0.00	34.26 1.60 0.00	34.38 1.67 0.00	37.87 1.77 0.00	51.67 1.70 0.00	66.20 2.05 0.01	54.74 1.23 0.01	45.89 1.72 0.00	43.16 1.78 0.00	42.78 2.34 -1.36	42.48 2.37 -0.59	43.16 2.25 -2.76	43.34 2.40 -2.86	43.23 2.49 -0.66	50.02 2.20 0.01	65.11 2.51 0.00	72.96 2.36 3.22	77.18 2.97 0.00	59.84 1.57 0.01	50.83 1.05 0.00	45.40 1.19 0.01	42.43 1.98 0.01
NORTHPORT___4 23650	35.95 2.19 0.00	34.34 1.54 0.00	34.93 1.66 0.00	34.26 1.60 0.00	34.38 1.67 0.00	37.87 1.77 0.00	51.67 1.70 0.00	66.20 2.05 0.01	54.74 1.23 0.01	45.89 1.72 0.00	43.16 1.78 0.00	42.78 2.34 -1.36	42.48 2.37 -0.59	43.16 2.25 -2.76	43.34 2.40 -2.86	43.23 2.49 -0.66	50.02 2.20 0.01	65.11 2.51 0.00	72.96 2.36 3.22	77.18 2.97 0.00	59.84 1.57 0.01	50.83 1.05 0.00	45.40 1.19 0.01	42.43 1.98 0.01
NORTHPORT___IC 23718	36.05 2.30 0.00	34.41 1.61 0.00	34.99 1.73 0.00	34.33 1.67 0.00	34.48 1.77 0.00	38.20 2.09 0.00	51.92 1.95 0.00	66.85 2.69 0.01	55.17 1.66 0.01	46.15 1.99 0.00	43.95 2.57 0.00	42.80 2.42 -1.30	42.41 2.45 -0.44	43.09 2.37 -2.58	43.23 2.47 -2.68	43.19 2.57 -0.54	50.16 2.34 0.01	65.30 2.69 0.00	73.02 2.44 3.24	77.40 3.19 0.00	59.96 1.69 0.00	50.93 1.15 0.00	45.49 1.28 0.00	42.51 2.06 0.01
NORTH___COUNTRY_ESR 323785	33.69 -0.07 0.00	32.80 0.00 0.00	33.16 -0.10 0.00	32.60 -0.07 0.00	32.65 -0.07 0.00	35.96 -0.14 0.00	49.78 -0.20 0.00	63.91 -0.26 0.00	53.42 -0.11 0.00	44.08 -0.09 0.00	41.26 -0.12 0.00	39.11 0.04 0.00	39.52 0.00 0.00	38.19 0.04 0.00	38.08 0.00 0.00	40.24 0.16 0.00	47.93 0.10 0.00	63.05 0.44 0.00	73.97 0.15 0.00	74.51 0.30 0.00	58.57 0.29 0.00	50.04 0.25 0.00	44.65 0.44 0.00	40.66 0.20 0.00
NPX_GEN_1385_PROXY 323591	35.92 2.16 0.00	34.37 1.57 0.00	34.93 1.66 0.00	34.30 1.63 0.00	34.41 1.70 0.00	37.65 1.70 0.15	55.59 2.00 -3.61	69.76 2.44 -3.16	54.90 1.39 0.01	46.06 1.90 0.00	43.12 1.74 0.00	41.86 2.27 -0.52	38.88 2.29 2.93	38.86 2.17 1.46	37.43 2.36 3.01	40.72 2.45 1.81	50.26 2.44 0.01	65.43 2.82 0.00	73.02 2.43 3.24	72.99 2.89 4.11	60.08 1.81 0.01	49.57 1.00 1.22	39.20 1.11 6.12	38.41 1.90 3.94
NPX_GEN_CSC 323557	36.22 2.46 0.00	34.54 1.74 0.00	35.12 1.86 0.00	34.49 1.83 0.00	34.61 1.90 0.00	37.72 1.77 0.15	52.27 2.15 -0.15	66.53 2.38 0.01	55.07 1.55 0.01	46.02 1.85 0.00	43.20 1.82 0.00	39.81 1.88 1.14	36.08 1.90 5.34	35.25 1.76 4.65	35.37 2.02 4.72	38.03 2.04 4.10	50.35 2.53 0.01	65.67 3.07 0.00	72.32 1.70 3.20	78.14 3.93 0.00	60.60 2.33 0.01	51.99 1.69 -0.51	44.84 1.15 0.52	41.82 1.38 0.00
NSINS_S_GLNS_FALLS 23858	35.04 1.28 0.00	33.95 1.15 0.00	34.53 1.26 0.00	33.97 1.31 0.00	33.99 1.28 0.00	37.55 1.44 0.00	52.07 2.10 0.00	67.24 3.08 0.00	55.83 2.30 0.00	45.63 1.46 0.00	42.30 0.91 0.00	39.58 0.59 0.08	40.09 0.59 0.03	38.68 0.69 0.15	38.75 0.84 0.16	41.09 1.04 0.03	49.55 1.72 0.00	65.12 2.50 0.00	76.76 2.95 0.01	76.81 2.60 0.00	60.20 1.92 0.00	51.13 1.34 0.00	45.41 1.19 0.00	41.58 1.13 0.00
NUCOR_STEEL___DRP 24197	33.52 -0.24 0.00	32.73 -0.07 0.00	33.13 -0.13 0.00	32.57 -0.10 0.00	32.58 -0.13 0.00	36.07 -0.04 0.00	50.02 0.05 0.00	64.29 0.13 0.00	53.69 0.16 0.00	44.30 0.13 0.00	41.51 0.12 0.00	39.38 0.27 -0.04	39.77 0.24 -0.01	38.33 0.11 -0.07	38.22 0.08 -0.07	40.06 -0.04 -0.01	47.69 -0.14 0.00	62.42 -0.19 0.00	74.70 0.37 -0.51	74.90 0.15 -0.54	58.42 0.06 -0.09	49.84 0.05 0.00	44.24 -0.04 -0.07	40.45 0.00 0.00
NUMBER_THREE_WT_PWR 323818	33.89 0.14 0.00	33.06 0.26 0.00	33.40 0.13 0.00	32.76 0.10 0.00	33.04 0.33 0.00	36.36 0.25 0.00	50.62 0.65 0.00	65.00 0.83 0.00	54.38 0.85 0.00	44.48 0.31 0.00	41.76 0.37 0.00	39.35 0.28 0.00	39.84 0.31 0.00	38.38 0.23 0.00	38.15 0.08 0.00	41.04 0.96 0.00	48.84 1.01 0.00	63.99 1.38 0.00	76.08 1.99 -0.26	77.08 2.60 -0.27	60.30 1.98 -0.05	50.88 1.09 0.00	45.05 0.80 -0.04	40.98 0.52 0.00
NYISO_LBMP_REFERENCE 24008	33.76 0.00 0.00	32.80 0.00 0.00	33.26 0.00 0.00	32.66 0.00 0.00	32.71 0.00 0.00	36.10 0.00 0.00	49.97 0.00 0.00	64.16 0.00 0.00	53.52 0.00 0.00	44.17 0.00 0.00	41.39 0.00 0.00	39.07 0.00 0.00	39.52 0.00 0.00	38.15 0.00 0.00	38.08 0.00 0.00	40.08 0.00 0.00	47.83 0.00 0.00	62.61 0.00 0.00	73.82 0.00 0.00	74.21 0.00 0.00	58.27 0.00 0.00	49.79 0.00 0.00	44.21 0.00 0.00	40.45 0.00 0.00
NYPA_BRENTWD____GT 24164	36.46 2.70 0.00	34.80 2.00 0.00	35.39 2.13 0.00	34.72 2.06 0.00	34.87 2.16 0.00	38.42 2.31 0.00	52.62 2.65 0.00	66.53 2.38 0.01	55.71 2.20 0.01	46.55 2.38 0.00	43.74 2.36 0.00	43.04 2.89 -1.07	42.31 2.88 0.10	42.80 2.75 -1.90	43.03 2.97 -1.99	43.28 3.09 -0.11	50.83 3.02 0.01	66.30 3.69 0.00	73.69 2.96 3.08	78.81 4.60 0.00	61.07 2.80 0.01	51.88 2.09 0.00	46.20 1.99 0.01	43.04 2.59 0.00

NYPA_GOWANUS____GT5 24156	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NYPA_GOWANUS____GT6 24157	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.85 3.32 -0.01	47.41 3.22 -0.01	44.50 3.11 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.29	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.32 3.09 -0.01	43.21 2.75 -0.01
NYPA_HARLEM__RVR__GT1 24160	36.50 2.73 -0.01	35.10 2.30 -0.01	35.56 2.29 -0.01	34.86 2.19 -0.01	34.98 2.26 -0.01	38.64 2.53 -0.01	53.83 3.85 -0.01	68.34 4.17 -0.01	56.84 3.32 0.00	47.30 3.14 0.00	44.37 2.98 0.00	43.39 3.01 -1.30	43.05 3.08 -0.44	43.71 2.98 -2.58	43.84 3.08 -2.68	43.83 3.21 -0.54	51.46 3.63 0.00	66.87 4.26 0.00	78.61 4.58 -0.21	79.11 4.90 0.00	61.71 3.44 0.00	52.93 3.14 -0.01	47.09 2.87 -0.01	43.29 2.83 -0.01
NYPA_HARLEM__RVR__GT2 24161	36.50 2.73 -0.01	35.10 2.30 -0.01	35.56 2.29 -0.01	34.86 2.19 -0.01	34.98 2.26 -0.01	38.64 2.53 -0.01	53.83 3.85 -0.01	68.34 4.17 -0.01	56.84 3.32 0.00	47.30 3.14 0.00	44.37 2.98 0.00	43.39 3.01 -1.30	43.05 3.08 -0.44	43.71 2.98 -2.58	43.84 3.08 -2.68	43.83 3.21 -0.54	51.46 3.63 0.00	66.87 4.26 0.00	78.61 4.58 -0.21	79.11 4.90 0.00	61.71 3.44 0.00	52.93 3.14 -0.01	47.09 2.87 -0.01	43.29 2.83 -0.01
NYPA_KENT____GT 24152	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.85 2.13 -0.01	38.53 2.42 -0.01	53.53 3.55 -0.01	68.53 4.37 -0.01	56.91 3.37 -0.01	47.41 3.22 -0.01	44.46 3.06 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.93 3.29 -0.56	51.61 3.78 -0.01	67.06 4.45 -0.01	78.63 4.50 -0.30	79.33 5.12 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.23 3.01 -0.01	43.21 2.75 -0.01
NYPA_POUCH1____GT 24155	36.37 2.60 -0.01	34.94 2.13 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.53 2.42 -0.01	53.33 3.35 -0.01	68.28 4.11 -0.01	56.63 3.10 -0.01	47.36 3.18 -0.01	44.42 3.02 -0.01	43.40 3.01 -1.32	43.03 3.04 -0.46	43.73 2.98 -2.60	43.85 3.08 -2.70	43.89 3.25 -0.56	51.52 3.68 -0.01	66.88 4.26 -0.01	77.95 3.84 -0.29	79.19 4.97 -0.01	61.71 3.44 0.00	52.73 2.94 -0.01	47.32 3.09 -0.01	43.17 2.71 -0.01
NYPA_VERNON____GT2 24162	36.43 2.67 -0.01	34.97 2.16 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.53 2.42 -0.01	53.53 3.55 -0.01	68.53 4.37 -0.01	56.96 3.43 -0.01	47.37 3.18 -0.01	44.42 3.02 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.93 3.29 -0.56	51.57 3.73 -0.01	67.06 4.45 -0.01	78.85 4.73 -0.30	79.27 5.05 -0.01	61.83 3.56 0.00	52.83 3.04 -0.01	47.14 2.92 -0.01	43.17 2.71 -0.01
NYPA_VERNON____GT3 24163	36.43 2.67 -0.01	34.97 2.16 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.53 2.42 -0.01	53.53 3.55 -0.01	68.53 4.37 -0.01	56.96 3.43 -0.01	47.37 3.18 -0.01	44.42 3.02 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.80 3.05 -2.60	43.93 3.16 -2.70	43.93 3.29 -0.56	51.57 3.73 -0.01	67.06 4.45 -0.01	78.85 4.73 -0.30	79.27 5.05 -0.01	61.83 3.56 0.00	52.83 3.04 -0.01	47.14 2.92 -0.01	43.17 2.71 -0.01
NYPA____ASTORIA_CC1 323568	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.53 3.55 -0.01	68.47 4.30 -0.01	56.91 3.37 -0.01	47.32 3.14 -0.01	44.42 3.02 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.76 3.01 -2.60	43.93 3.16 -2.70	43.93 3.29 -0.56	51.52 3.68 -0.01	67.00 4.38 -0.01	78.77 4.65 -0.30	79.19 4.97 -0.01	61.77 3.50 0.00	52.83 3.04 -0.01	47.09 2.87 -0.01	43.17 2.71 -0.01
NYPA____ASTORIA_CC2 323569	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.53 2.42 -0.01	53.53 3.55 -0.01	68.47 4.30 -0.01	56.91 3.37 -0.01	47.32 3.14 -0.01	44.42 3.02 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.76 3.01 -2.60	43.93 3.16 -2.70	43.93 3.29 -0.56	51.52 3.68 -0.01	67.00 4.38 -0.01	78.77 4.65 -0.30	79.19 4.97 -0.01	61.77 3.50 0.00	52.83 3.04 -0.01	47.09 2.87 -0.01	43.17 2.71 -0.01
NYPA____HOLTSVILL 23794	36.16 2.40 0.00	34.47 1.67 0.00	35.06 1.79 0.00	34.39 1.73 0.00	34.54 1.83 0.00	37.94 1.84 0.00	51.97 2.00 0.00	66.40 2.24 0.01	54.90 1.39 0.01	45.98 1.81 0.00	43.20 1.82 0.00	40.08 2.15 1.14	36.35 2.17 5.34	35.55 2.06 4.66	35.60 2.25 4.73	38.31 2.32 4.10	50.21 2.39 0.01	65.43 2.82 0.00	72.83 2.21 3.21	77.70 3.49 0.00	60.31 2.04 0.01	51.23 1.44 0.00	45.53 1.33 0.01	42.35 1.90 0.00
NYPA____HELLGATE_GT1 24158	36.50 2.73 -0.01	35.10 2.30 -0.01	35.56 2.29 -0.01	34.86 2.19 -0.01	34.98 2.26 -0.01	38.64 2.53 -0.01	53.83 3.85 -0.01	68.34 4.17 -0.01	56.84 3.32 0.00	47.30 3.14 0.00	44.37 2.98 0.00	43.39 3.01 -1.30	43.05 3.08 -0.44	43.71 2.98 -2.58	43.84 3.08 -2.68	43.83 3.21 -0.54	51.46 3.63 0.00	66.93 4.32 0.00	78.78 4.58 -0.38	79.18 4.97 0.00	61.71 3.44 0.00	52.93 3.14 -0.01	47.09 2.87 -0.01	43.29 2.83 -0.01
NYPA____HELLGATE_GT2 24159	36.50 2.73 -0.01	35.10 2.30 -0.01	35.56 2.29 -0.01	34.86 2.19 -0.01	34.98 2.26 -0.01	38.64 2.53 -0.01	53.83 3.85 -0.01	68.34 4.17 -0.01	56.84 3.32 0.00	47.30 3.14 0.00	44.37 2.98 0.00	43.39 3.01 -1.30	43.05 3.08 -0.44	43.71 2.98 -2.58	43.84 3.08 -2.68	43.83 3.21 -0.54	51.46 3.63 0.00	66.93 4.32 0.00	78.78 4.58 -0.38	79.18 4.97 0.00	61.71 3.44 0.00	52.93 3.14 -0.01	47.09 2.87 -0.01	43.29 2.83 -0.01
NYS_BARGE____HYD 23848	31.73 -2.02 0.00	31.72 -1.08 0.00	31.83 -1.43 0.00	31.16 -1.50 0.00	31.27 -1.44 0.00	34.91 -1.19 0.00	47.78 -2.20 0.00	59.61 -4.55 0.00	50.69 -2.84 0.00	42.36 -1.81 0.00	40.39 -0.99 0.00	38.26 -0.86 -0.04	38.75 -0.79 -0.01	37.32 -0.92 -0.08	36.41 -1.75 -0.09	37.29 -2.81 -0.02	44.00 -3.83 0.00	57.23 -5.38 0.00	68.58 -5.24 0.00	68.94 -5.27 0.00	54.78 -3.49 0.00	47.85 -1.94 0.00	42.22 -1.99 0.00	39.36 -1.09 0.00
OAK ORCHARD____HYD 24046	32.85 -0.91 0.00	32.44 -0.36 0.00	32.70 -0.57 0.00	32.04 -0.62 0.00	32.16 -0.56 0.00	35.78 -0.33 0.00	49.48 -0.50 0.00	63.01 -1.15 0.00	53.04 -0.48 0.00	44.04 -0.13 0.00	41.68 0.29 0.00	39.42 0.31 -0.03	39.89 0.35 -0.01	38.48 0.27 -0.07	37.88 -0.26 -0.07	39.25 -0.84 -0.01	46.78 -1.05 0.00	61.05 -1.56 0.00	72.72 -1.11 0.00	72.73 -1.48 0.00	57.34 -0.93 0.00	49.39 -0.40 0.00	43.64 -0.58 0.00	40.17 -0.28 0.00

OAKDALE___35_KV_LOAD 356122	33.56 -0.20 0.00	32.80 0.00 0.00	33.20 -0.07 0.00	32.57 -0.10 0.00	32.61 -0.10 0.00	36.10 0.00 0.00	50.12 0.15 0.00	64.10 -0.06 0.00	53.52 0.00 0.00	44.17 0.00 0.00	41.51 0.12 0.00	39.51 0.35 -0.09	39.87 0.32 -0.03	38.51 0.19 -0.17	38.37 0.11 -0.18	40.00 -0.12 -0.04	47.54 -0.29 0.00	62.17 -0.44 0.00	73.91 0.07 -0.01	74.21 0.00 0.00	58.22 -0.06 0.00	49.84 0.05 0.00	44.21 0.00 0.00	40.65 0.20 0.00
OCC_CHEM___DRP 24175	31.39 -2.36 0.00	31.68 -1.12 0.00	31.80 -1.46 0.00	31.00 -1.67 0.00	30.91 -1.80 0.00	34.37 -1.73 0.00	47.13 -2.85 0.00	58.71 -5.45 0.00	49.67 -3.85 0.00	41.70 -2.47 0.00	39.03 -2.36 0.00	37.91 -1.21 -0.04	38.19 -1.34 -0.01	36.44 -1.79 -0.09	36.07 -2.09 -0.09	36.90 -3.21 -0.02	43.53 -4.30 0.00	56.35 -6.26 0.00	67.55 -6.27 0.00	67.90 -6.31 0.00	54.02 -4.25 0.00	47.30 -2.49 0.00	41.74 -2.48 0.00	39.04 -1.42 0.00
OH_GEN_PROXY 24063	31.63 -2.13 0.00	31.68 -1.12 0.00	31.80 -1.46 0.00	31.00 -1.66 0.00	31.11 -1.60 0.00	34.65 -1.30 0.15	47.73 -2.40 -0.15	59.35 -4.81 0.00	50.53 -3.00 0.00	42.18 -1.99 0.00	40.23 -1.16 0.00	38.14 -0.98 -0.04	38.59 -0.95 -0.01	37.21 -1.03 -0.09	36.30 -1.86 -0.09	37.22 -2.89 -0.02	43.96 -3.87 0.00	57.04 -5.57 0.00	68.21 -5.61 0.00	68.57 -5.64 0.00	54.54 -3.73 0.00	48.12 -2.19 -0.52	41.49 -2.21 0.52	39.16 -1.30 0.00
OLIN_CORP_DRP 24177	31.46 -2.30 0.00	31.36 -1.44 0.00	31.50 -1.76 0.00	30.70 -1.96 0.00	30.98 -1.73 0.00	34.12 -1.99 0.00	47.03 -2.95 0.00	58.58 -5.58 0.00	49.56 -3.96 0.00	41.56 -2.61 0.00	38.90 -2.48 0.00	37.75 -1.37 -0.04	38.08 -1.46 -0.01	36.33 -1.91 -0.09	35.92 -2.25 -0.09	36.82 -3.29 -0.02	43.43 -4.40 0.00	56.29 -6.32 0.00	67.47 -6.35 0.00	67.83 -6.38 0.00	53.96 -4.31 0.00	47.20 -2.59 0.00	41.65 -2.56 0.00	38.83 -1.62 0.00
OLIN_CORP_DSASP 323712	31.39 -2.36 0.00	31.68 -1.12 0.00	31.80 -1.46 0.00	30.84 -1.83 0.00	30.91 -1.80 0.00	34.73 -1.37 0.00	47.28 -2.70 0.00	58.77 -5.39 0.00	50.10 -3.43 0.00	41.92 -2.25 0.00	40.02 -1.36 0.00	37.91 -1.21 -0.04	38.39 -1.15 -0.01	36.98 -1.26 -0.09	36.03 -2.13 -0.09	36.89 -3.21 -0.02	43.53 -4.30 0.00	56.41 -6.20 0.00	67.47 -6.35 0.00	67.90 -6.31 0.00	54.02 -4.25 0.00	47.30 -2.49 0.00	41.74 -2.48 0.00	39.04 -1.42 0.00
ONEIDA_HERK_LFGE 323681	34.20 0.44 0.00	33.29 0.49 0.00	33.69 0.43 0.00	33.06 0.39 0.00	33.27 0.56 0.00	36.68 0.58 0.00	50.97 1.00 0.00	65.51 1.35 0.00	54.81 1.28 0.00	44.97 0.80 0.00	42.21 0.83 0.00	39.82 0.74 0.00	40.24 0.71 0.00	38.80 0.65 0.00	38.61 0.53 0.00	41.04 0.96 0.00	48.93 1.10 0.00	63.99 1.38 0.00	75.67 1.85 0.00	76.51 2.30 0.00	59.96 1.69 0.00	50.98 1.19 0.00	45.14 0.93 0.00	41.18 0.73 0.00
ONEIDA___115KV_TB4 55905	34.33 0.57 0.00	33.49 0.69 0.00	33.89 0.63 0.00	33.25 0.59 0.00	33.43 0.72 0.00	36.90 0.79 0.00	51.32 1.35 0.00	65.96 1.80 0.00	55.13 1.61 0.00	45.32 1.15 0.00	42.46 1.08 0.00	40.13 1.06 0.00	40.55 1.03 0.00	39.06 0.92 0.00	38.91 0.84 0.00	41.09 1.00 0.00	48.98 1.15 0.00	63.99 1.38 0.00	75.81 1.99 0.00	76.44 2.23 0.00	59.91 1.63 0.00	51.08 1.29 0.00	45.23 1.02 0.00	41.34 0.89 0.00
ONONDAGA_REF_OCCRA 23987	33.39 -0.37 0.00	32.54 -0.26 0.00	32.96 -0.30 0.00	32.37 -0.29 0.00	32.42 -0.29 0.00	35.85 -0.25 0.00	49.67 -0.30 0.00	63.84 -0.32 0.00	53.31 -0.21 0.00	43.99 -0.18 0.00	41.22 -0.17 0.00	39.07 -0.04 -0.03	39.50 -0.04 -0.01	38.10 -0.11 -0.06	37.99 -0.15 -0.07	39.86 -0.24 -0.01	47.45 -0.38 0.00	62.05 -0.56 0.00	73.72 -0.30 -0.19	74.04 -0.37 -0.20	57.90 -0.41 -0.03	49.44 -0.35 0.00	43.84 -0.40 -0.03	40.13 -0.32 0.00
ONONDAGA___COGEN 23986	33.42 -0.34 0.00	32.57 -0.23 0.00	33.00 -0.27 0.00	32.40 -0.26 0.00	32.45 -0.26 0.00	35.89 -0.22 0.00	49.72 -0.25 0.00	63.91 -0.26 0.00	53.36 -0.16 0.00	44.04 -0.13 0.00	41.30 -0.08 0.00	39.14 0.04 -0.03	39.53 0.00 -0.01	38.13 -0.08 -0.06	38.02 -0.11 -0.06	39.90 -0.20 -0.01	47.50 -0.33 0.00	62.11 -0.50 0.00	74.21 -0.22 -0.61	74.48 -0.37 -0.64	57.98 -0.41 -0.11	49.44 -0.35 0.00	43.95 -0.35 -0.09	40.17 -0.28 0.00
ONTARIO___LFGE 23819	33.29 -0.47 0.00	32.70 -0.10 0.00	33.03 -0.23 0.00	32.44 -0.23 0.00	32.49 -0.23 0.00	36.21 0.11 0.00	50.13 0.15 0.00	64.16 0.00 0.00	53.69 0.16 0.00	44.44 0.27 0.00	41.92 0.54 0.00	39.70 0.59 -0.04	40.13 0.59 -0.01	38.72 0.49 -0.08	38.31 0.15 -0.08	39.94 -0.16 -0.02	47.55 -0.29 0.00	62.05 -0.56 0.00	74.49 0.45 -0.23	74.52 0.07 -0.24	58.26 -0.06 -0.04	49.89 0.10 0.00	44.33 0.09 -0.03	40.70 0.24 0.00
ORANGEVILLE_WT_PWR 323706	31.60 -2.16 0.00	31.55 -1.25 0.00	31.70 -1.56 0.00	31.00 -1.66 0.00	31.08 -1.63 0.00	34.73 -1.37 0.00	47.83 -2.15 0.00	59.99 -4.17 0.00	50.69 -2.84 0.00	42.09 -2.08 0.00	40.15 -1.24 0.00	38.07 -1.05 -0.05	38.56 -0.99 -0.02	37.15 -1.11 -0.11	36.40 -1.79 -0.11	37.42 -2.69 -0.02	44.24 -3.59 0.00	57.91 -4.70 0.00	69.54 -4.28 -0.01	69.76 -4.45 0.00	55.30 -2.97 0.00	48.15 -1.64 0.00	42.62 -1.59 0.00	39.60 -0.85 0.00
ORANGEVILLE___ESR 323794	31.60 -2.16 0.00	31.55 -1.25 0.00	31.70 -1.56 0.00	31.00 -1.66 0.00	31.08 -1.63 0.00	34.73 -1.37 0.00	47.83 -2.15 0.00	59.99 -4.17 0.00	50.69 -2.84 0.00	42.09 -2.08 0.00	40.15 -1.24 0.00	38.07 -1.05 -0.05	38.56 -0.99 -0.02	37.15 -1.11 -0.11	36.40 -1.79 -0.11	37.42 -2.69 -0.02	44.24 -3.59 0.00	57.91 -4.70 0.00	69.54 -4.28 -0.01	69.76 -4.45 0.00	55.30 -2.97 0.00	48.15 -1.64 0.00	42.62 -1.59 0.00	39.60 -0.85 0.00
OSWEGATCHIE___HYD 24044	34.00 0.24 0.00	33.16 0.36 0.00	33.46 0.20 0.00	32.86 0.20 0.00	33.07 0.36 0.00	36.39 0.29 0.00	50.47 0.50 0.00	64.62 0.45 0.00	54.11 0.59 0.00	44.30 0.13 0.00	41.68 0.29 0.00	39.35 0.28 0.00	39.92 0.40 0.00	38.49 0.34 0.00	38.27 0.19 0.00	40.84 0.76 0.00	48.36 0.53 0.00	63.42 0.81 0.00	75.02 0.96 -0.24	75.95 1.48 -0.26	59.71 1.40 -0.04	51.08 1.29 0.00	45.35 1.11 -0.03	41.14 0.69 0.00
OSWEGO___5 23606	32.95 -0.81 0.00	32.11 -0.69 0.00	32.53 -0.73 0.00	31.95 -0.72 0.00	31.99 -0.72 0.00	35.38 -0.72 0.00	48.88 -1.10 0.00	62.75 -1.41 0.00	52.40 -1.13 0.00	43.24 -0.93 0.00	40.60 -0.79 0.00	38.33 -0.74 0.00	38.77 -0.75 0.00	37.42 -0.73 0.00	37.24 -0.84 0.00	39.12 -0.96 0.00	46.64 -1.19 0.00	60.98 -1.63 0.00	75.76 -1.69 -3.63	76.23 -1.78 -3.80	57.53 -1.40 -0.65	48.65 -1.14 0.00	43.67 -1.06 -0.52	39.52 -0.93 0.00
OSWEGO___6 23613	32.95 -0.81 0.00	32.11 -0.69 0.00	32.53 -0.73 0.00	31.95 -0.72 0.00	31.99 -0.72 0.00	35.38 -0.72 0.00	48.88 -1.10 0.00	62.75 -1.41 0.00	52.40 -1.13 0.00	43.24 -0.93 0.00	40.60 -0.79 0.00	38.33 -0.74 0.00	38.77 -0.75 0.00	37.42 -0.73 0.00	37.24 -0.84 0.00	39.12 -0.96 0.00	46.64 -1.19 0.00	60.98 -1.63 0.00	75.76 -1.69 -3.63	76.23 -1.78 -3.80	57.53 -1.40 -0.65	48.65 -1.14 0.00	43.67 -1.06 -0.52	39.52 -0.93 0.00

OUTOKUMPU-AB___DRP 24206	31.87 -1.89 0.00	31.98 -0.82 0.00	32.13 -1.13 0.00	31.33 -1.34 0.00	31.40 -1.31 0.00	34.80 -1.30 0.00	48.03 -1.95 0.00	59.86 -4.30 0.00	50.63 -2.89 0.00	42.40 -1.77 0.00	39.73 -1.66 0.00	38.53 -0.59 -0.04	38.87 -0.67 -0.02	37.09 -1.14 -0.09	36.68 -1.48 -0.09	37.54 -2.57 -0.02	44.29 -3.54 0.00	57.60 -5.01 0.00	69.02 -4.80 0.00	69.54 -4.68 0.00	55.19 -3.09 0.00	48.25 -1.54 0.00	42.62 -1.59 0.00	39.68 -0.77 0.00
OXBOW___BTM 323836	31.66 -2.09 0.00	31.88 -0.92 0.00	32.00 -1.26 0.00	31.10 -1.57 0.00	31.21 -1.50 0.00	35.02 -1.08 0.00	47.78 -2.20 0.00	59.48 -4.68 0.00	50.63 -2.89 0.00	42.36 -1.81 0.00	40.44 -0.95 0.00	38.26 -0.86 -0.04	38.79 -0.75 -0.02	37.36 -0.88 -0.09	36.42 -1.75 -0.09	37.30 -2.81 -0.02	43.96 -3.87 0.00	57.10 -5.51 0.00	68.36 -5.46 0.00	68.87 -5.34 0.00	54.72 -3.56 0.00	47.85 -1.94 0.00	42.27 -1.94 0.00	39.44 -1.01 0.00
OXBOW___ 24026	31.67 -2.09 0.00	31.88 -0.92 0.00	32.00 -1.26 0.00	31.23 -1.44 0.00	31.21 -1.50 0.00	34.62 -1.48 0.00	47.63 -2.35 0.00	59.35 -4.81 0.00	50.26 -3.27 0.00	42.14 -2.03 0.00	39.44 -1.95 0.00	38.26 -0.86 -0.04	38.59 -0.95 -0.02	36.82 -1.41 -0.09	36.41 -1.75 -0.09	37.30 -2.81 -0.02	43.96 -3.87 0.00	57.10 -5.51 0.00	68.43 -5.39 0.00	68.87 -5.34 0.00	54.72 -3.55 0.00	47.85 -1.94 0.00	42.27 -1.95 0.00	39.44 -1.01 0.00
OXY_CHEM_DSASP 323612	31.39 -2.36 0.00	31.68 -1.12 0.00	31.80 -1.46 0.00	31.00 -1.67 0.00	30.91 -1.80 0.00	34.37 -1.73 0.00	47.13 -2.85 0.00	58.71 -5.45 0.00	49.67 -3.85 0.00	41.70 -2.47 0.00	39.03 -2.36 0.00	37.91 -1.21 -0.04	38.19 -1.34 -0.01	36.44 -1.79 -0.09	36.07 -2.09 -0.09	36.90 -3.21 -0.02	43.53 -4.30 0.00	56.35 -6.26 0.00	67.55 -6.27 0.00	67.90 -6.31 0.00	54.02 -4.25 0.00	47.30 -2.49 0.00	41.74 -2.48 0.00	39.04 -1.42 0.00
OZONE_PARK_ESR 323760	36.49 2.73 0.00	35.00 2.20 0.00	35.46 2.20 0.00	34.72 2.06 0.00	34.90 2.19 0.00	38.63 2.53 0.00	53.73 3.75 -0.01	69.24 5.07 -0.01	57.49 3.96 -0.01	47.53 3.36 -0.01	44.78 3.39 -0.01	43.59 3.20 -1.31	43.21 3.24 -0.45	43.94 3.20 -2.59	44.04 3.27 -2.69	44.04 3.41 -0.55	51.76 3.92 -0.01	67.50 4.88 -0.01	79.71 5.61 -0.28	79.86 5.64 -0.01	62.29 4.02 0.00	53.08 3.29 -0.01	47.26 3.05 0.00	43.28 2.83 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.39 -2.36 0.00	31.68 -1.12 0.00	31.80 -1.46 0.00	31.00 -1.67 0.00	30.91 -1.80 0.00	34.37 -1.73 0.00	47.13 -2.85 0.00	58.71 -5.45 0.00	49.67 -3.85 0.00	41.70 -2.47 0.00	39.03 -2.36 0.00	37.91 -1.21 -0.04	38.19 -1.34 -0.01	36.44 -1.79 -0.09	36.07 -2.09 -0.09	36.90 -3.21 -0.02	43.53 -4.30 0.00	56.35 -6.26 0.00	67.55 -6.27 0.00	67.90 -6.31 0.00	54.02 -4.25 0.00	47.30 -2.49 0.00	41.74 -2.48 0.00	39.04 -1.42 0.00
PACKARD___115KV_DUPONT_184 80571	31.39 -2.36 0.00	31.68 -1.12 0.00	31.80 -1.46 0.00	30.84 -1.83 0.00	30.91 -1.80 0.00	34.73 -1.37 0.00	47.28 -2.70 0.00	58.77 -5.39 0.00	50.10 -3.43 0.00	41.92 -2.25 0.00	40.02 -1.36 0.00	37.91 -1.21 -0.04	38.39 -1.15 -0.01	36.98 -1.26 -0.09	36.03 -2.13 -0.09	36.89 -3.21 -0.02	43.53 -4.30 0.00	56.41 -6.20 0.00	67.47 -6.35 0.00	67.90 -6.31 0.00	54.02 -4.25 0.00	47.30 -2.49 0.00	41.74 -2.48 0.00	39.04 -1.42 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.50 2.73 -0.01	35.07 2.26 -0.01	35.53 2.26 -0.01	34.83 2.16 -0.01	34.98 2.26 -0.01	38.67 2.56 -0.01	53.73 3.75 -0.01	68.66 4.49 -0.01	56.80 3.27 -0.01	47.17 3.00 0.00	44.45 3.06 0.00	43.27 2.89 -1.30	42.89 2.92 -0.44	43.63 2.90 -2.58	43.73 2.97 -2.68	43.71 3.09 -0.54	51.33 3.49 -0.01	66.75 4.13 -0.01	78.30 4.28 -0.20	78.89 4.68 -0.01	61.54 3.26 0.00	52.83 3.04 -0.01	47.00 2.79 -0.01	43.25 2.79 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.84 3.07 -0.01	35.43 2.62 -0.01	35.90 2.63 -0.01	35.19 2.52 -0.01	35.34 2.62 -0.01	39.07 2.96 -0.01	54.33 4.35 -0.01	69.43 5.26 -0.01	57.38 3.85 -0.01	47.61 3.45 0.00	44.86 3.48 0.00	43.66 3.28 -1.30	43.29 3.32 -0.44	44.01 3.28 -2.58	44.11 3.35 -2.68	44.11 3.49 -0.54	51.85 4.02 -0.01	67.38 4.76 -0.01	79.11 5.09 -0.20	79.78 5.57 -0.01	62.24 3.96 0.00	53.38 3.58 -0.01	47.49 3.27 -0.01	43.70 3.24 -0.01
PATROON___115KV_TB1 80586	34.57 0.81 0.00	33.42 0.62 0.00	33.89 0.63 0.00	33.32 0.65 0.00	33.33 0.62 0.00	36.83 0.72 0.00	50.82 0.85 0.00	65.45 1.28 0.00	54.38 0.86 0.00	44.79 0.62 0.00	41.84 0.46 0.00	39.07 0.08 0.09	39.61 0.12 0.03	38.25 0.27 0.17	38.36 0.46 0.18	40.53 0.48 0.04	48.69 0.86 0.00	63.68 1.06 0.00	74.77 0.96 0.01	74.88 0.67 0.00	58.80 0.52 0.00	50.09 0.30 0.00	44.43 0.22 0.00	40.74 0.28 0.00
PATTRSNVILLE___SOLAR 323815	34.84 1.08 0.00	33.75 0.95 0.00	34.33 1.06 0.00	33.74 1.08 0.00	33.76 1.05 0.00	37.29 1.19 0.00	51.87 1.90 0.00	66.73 2.57 0.00	55.19 1.66 0.00	45.05 0.88 0.00	41.84 0.46 0.00	39.29 0.28 0.06	39.78 0.28 0.02	38.29 0.27 0.13	38.40 0.46 0.13	40.78 0.72 0.03	49.17 1.34 0.00	64.74 2.13 0.00	76.32 2.51 0.01	76.51 2.30 0.00	60.02 1.75 0.00	51.13 1.34 0.00	45.36 1.15 0.00	41.50 1.05 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.60 -2.16 0.00	31.52 -1.28 0.00	31.67 -1.60 0.00	30.93 -1.73 0.00	31.08 -1.64 0.00	34.48 -1.62 0.00	47.78 -2.20 0.00	59.74 -4.43 0.00	50.37 -3.16 0.00	41.96 -2.21 0.00	39.44 -1.95 0.00	38.19 -0.94 -0.05	38.51 -1.03 -0.02	36.79 -1.45 -0.10	36.42 -1.75 -0.10	37.34 -2.77 -0.02	44.00 -3.83 0.00	57.48 -5.13 0.00	69.10 -4.72 0.00	69.68 -4.53 0.00	55.07 -3.21 0.00	47.90 -1.89 0.00	42.36 -1.86 0.00	39.36 -1.09 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.92 2.16 0.00	34.57 1.77 0.00	35.09 1.83 0.00	34.36 1.70 0.00	34.51 1.80 0.00	38.16 2.06 0.00	52.92 2.95 0.00	68.40 4.23 0.00	56.79 3.27 0.00	46.91 2.74 0.00	44.03 2.65 0.00	42.16 2.54 -0.54	42.24 2.53 -0.19	41.82 2.59 -1.08	41.82 2.63 -1.12	43.08 2.77 -0.23	51.13 3.30 0.00	66.62 4.01 0.00	78.48 4.65 -0.01	79.04 4.82 0.00	61.65 3.38 0.00	52.48 2.69 0.00	46.69 2.48 0.00	42.72 2.27 0.00
PEEKSKILL___ 23653	35.95 2.19 0.00	34.54 1.74 0.00	35.02 1.76 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.05 1.95 0.00	52.88 2.90 0.00	68.02 3.85 0.00	56.47 2.94 0.00	46.69 2.52 0.00	43.83 2.44 0.00	42.88 2.50 -1.30	42.50 2.53 -0.44	43.20 2.48 -2.57	43.33 2.59 -2.67	43.31 2.69 -0.54	50.90 3.06 0.00	66.37 3.76 0.00	78.41 4.43 -0.16	78.67 4.45 0.00	61.42 3.14 0.00	52.28 2.49 0.00	46.56 2.34 0.00	42.64 2.18 0.00
PGE MADISON___WINDPWR 24146	35.04 1.28 0.00	34.27 1.48 0.00	34.63 1.36 0.00	33.94 1.27 0.00	34.32 1.60 0.00	37.94 1.84 0.00	53.17 3.20 0.00	68.33 4.17 0.00	57.33 3.80 0.00	46.82 2.65 0.00	43.91 2.52 0.00	41.74 2.58 -0.09	42.04 2.49 -0.03	40.53 2.21 -0.17	40.19 1.94 -0.18	42.28 2.16 -0.04	50.56 2.73 0.00	66.49 3.88 0.00	79.37 5.54 -0.01	80.52 6.31 0.00	62.82 4.55 0.00	53.52 3.73 0.00	47.17 2.96 0.00	43.00 2.55 0.00

PIERCEFIELD___HYD 23852	34.06 0.30 0.00	33.22 0.43 0.00	33.53 0.27 0.00	32.99 0.33 0.00	33.11 0.39 0.00	36.43 0.32 0.00	50.37 0.40 0.00	64.55 0.38 0.00	54.01 0.48 0.00	44.39 0.22 0.00	41.80 0.41 0.00	39.58 0.51 0.00	40.08 0.55 0.00	38.61 0.46 0.00	38.42 0.34 0.00	40.81 0.72 0.00	48.36 0.53 0.00	63.36 0.75 0.00	74.34 0.52 0.00	75.18 0.96 0.00	59.56 1.28 0.00	51.18 1.39 0.00	45.49 1.28 0.00	41.30 0.85 0.00
PINELAWN_CC_1 323563	36.22 2.46 0.00	34.57 1.77 0.00	35.16 1.90 0.00	34.49 1.83 0.00	34.64 1.93 0.00	38.16 2.06 0.00	51.97 2.00 0.00	66.08 1.92 0.01	55.01 1.50 0.01	46.02 1.85 0.00	43.25 1.86 0.00	42.61 2.34 -1.19	42.04 2.33 -0.18	42.66 2.25 -2.26	42.90 2.47 -2.35	42.99 2.57 -0.33	50.21 2.39 0.01	65.24 2.63 0.00	73.44 2.36 2.74	77.40 3.19 0.00	59.96 1.69 0.00	51.23 1.44 0.00	46.06 1.86 0.00	42.80 2.35 0.00
PJM_GEN_HTTP_PROXY 323702	36.19 2.43 0.00	34.73 1.93 0.00	35.19 1.93 0.00	34.49 1.83 0.00	34.64 1.93 0.00	38.12 2.17 0.15	53.38 3.25 -0.16	68.53 4.37 -0.01	56.85 3.32 -0.01	47.09 2.91 0.00	44.16 2.77 0.00	43.24 2.85 -1.31	42.86 2.88 -0.45	43.52 2.78 -2.59	43.70 2.93 -2.69	43.68 3.04 -0.55	51.28 3.45 -0.01	66.81 4.20 0.00	78.95 4.87 -0.26	79.11 4.90 -0.01	61.71 3.44 0.00	53.10 2.79 -0.52	46.35 2.65 0.51	42.92 2.47 0.00
PJM_GEN_KEystone 24065	34.00 0.24 0.00	33.13 0.33 0.00	33.50 0.23 0.00	32.76 0.10 0.00	32.91 0.20 0.00	36.39 0.43 0.15	50.73 0.60 -0.15	64.36 0.19 0.00	53.74 0.21 0.00	44.29 0.27 0.15	42.20 0.66 -0.15	40.56 0.82 -0.67	40.58 0.83 -0.23	40.23 0.76 -1.32	40.02 0.57 -1.37	40.57 0.20 -0.28	47.78 -0.05 0.00	62.36 -0.25 0.00	74.28 0.37 -0.09	74.59 0.37 0.00	58.45 0.18 0.00	50.61 0.30 -0.52	44.01 0.31 0.51	41.06 0.61 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.89 2.13 0.00	34.31 1.51 0.00	34.86 1.60 0.00	34.20 1.54 0.00	34.32 1.60 0.00	37.68 1.73 0.15	52.27 2.15 -0.15	66.91 2.76 0.01	55.33 1.82 0.01	46.15 1.99 0.00	43.41 2.03 0.00	42.88 2.50 -1.30	42.46 2.49 -0.44	43.17 2.44 -2.58	43.38 2.63 -2.68	43.31 2.69 -0.54	50.50 2.68 0.01	65.67 3.07 0.00	73.56 3.17 3.43	77.84 3.64 0.00	60.31 2.04 0.01	51.85 1.55 -0.51	45.24 1.55 0.52	42.47 2.02 0.01
PJM_GEN_VFT_PROXY 323633	36.16 2.40 0.00	34.67 1.87 0.00	35.12 1.86 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.04 2.09 0.15	53.28 3.15 -0.16	68.34 4.17 -0.01	56.74 3.21 -0.01	47.00 2.83 -0.01	44.12 2.73 -0.01	43.20 2.81 -1.31	42.82 2.85 -0.45	43.52 2.78 -2.59	43.66 2.89 -2.69	43.64 3.01 -0.55	51.18 3.35 -0.01	66.68 4.07 -0.01	78.90 4.80 -0.28	78.97 4.75 -0.01	61.60 3.32 0.00	53.00 2.69 -0.52	46.22 2.52 0.51	42.84 2.39 0.00
PLATSBURG_115KV_PMLD1 355749	33.69 -0.07 0.00	32.83 0.03 0.00	33.13 -0.13 0.00	32.60 -0.07 0.00	32.58 -0.13 0.00	35.85 -0.25 0.00	49.18 -0.80 0.00	63.07 -1.09 0.00	52.67 -0.86 0.00	43.86 -0.31 0.00	40.97 -0.41 0.00	38.96 -0.12 0.00	39.52 0.00 0.00	38.19 0.04 0.00	38.00 -0.08 0.00	40.36 0.28 0.00	47.59 -0.24 0.00	62.86 0.25 0.00	74.19 0.37 0.00	74.73 0.52 0.00	58.80 0.52 0.00	50.24 0.45 0.00	45.01 0.80 0.00	40.90 0.44 0.00
PLEASANTVLY___LBMP 24000	35.48 1.72 0.00	34.14 1.34 0.00	34.66 1.40 0.00	33.97 1.31 0.00	34.09 1.37 0.00	37.69 1.59 0.00	52.22 2.25 0.00	67.31 3.14 0.00	55.88 2.36 0.00	46.20 2.03 0.00	43.45 2.07 0.00	40.70 1.88 0.25	41.33 1.90 0.09	39.55 1.91 0.50	39.53 1.98 0.52	42.06 2.08 0.11	50.22 2.39 0.00	65.55 2.94 0.00	77.04 3.25 0.02	77.48 3.27 0.00	60.60 2.33 0.00	51.63 1.84 0.00	45.98 1.77 0.00	42.11 1.66 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.92 2.16 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.33 1.67 0.00	34.45 1.73 0.00	38.09 1.99 0.00	52.82 2.85 0.00	68.07 3.91 0.00	56.57 3.05 0.00	46.77 2.61 0.00	44.07 2.69 0.00	42.80 2.46 -1.27	42.44 2.49 -0.43	43.18 2.52 -2.51	43.23 2.55 -2.61	43.30 2.69 -0.53	50.89 3.06 0.00	66.36 3.76 0.00	77.94 4.28 0.16	78.51 4.30 0.00	61.36 3.09 0.00	52.23 2.44 0.00	46.51 2.30 0.00	42.60 2.14 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.92 2.16 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.33 1.67 0.00	34.45 1.73 0.00	38.09 1.99 0.00	52.82 2.85 0.00	68.07 3.91 0.00	56.57 3.05 0.00	46.77 2.61 0.00	44.07 2.69 0.00	42.80 2.46 -1.27	42.44 2.49 -0.43	43.18 2.52 -2.51	43.23 2.55 -2.61	43.30 2.69 -0.53	50.89 3.06 0.00	66.36 3.76 0.00	77.94 4.28 0.16	78.51 4.30 0.00	61.36 3.09 0.00	52.23 2.44 0.00	46.51 2.30 0.00	42.60 2.14 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.65 1.89 0.00	34.31 1.51 0.00	34.79 1.53 0.00	34.10 1.44 0.00	34.22 1.50 0.00	37.87 1.77 0.00	52.57 2.60 0.00	67.76 3.59 0.00	56.15 2.62 0.00	46.38 2.21 0.00	43.58 2.19 0.00	41.14 1.99 -0.07	41.56 2.02 -0.03	40.36 2.06 -0.15	40.32 2.09 -0.15	42.32 2.20 -0.03	50.46 2.63 0.00	65.99 3.38 0.00	77.73 3.91 0.00	78.07 3.86 0.00	61.01 2.74 0.00	51.98 2.19 0.00	46.25 2.03 0.00	42.35 1.90 0.00
POLETTI____ 23519	36.30 2.53 -0.01	34.87 2.07 -0.01	35.33 2.06 -0.01	34.67 1.99 -0.01	34.78 2.06 -0.01	38.46 2.35 -0.01	53.58 3.60 -0.01	68.47 4.30 -0.01	56.69 3.16 -0.01	47.08 2.92 0.00	44.36 2.98 0.00	43.19 2.81 -1.30	42.81 2.85 -0.44	43.56 2.82 -2.58	43.65 2.89 -2.68	43.63 3.01 -0.54	51.19 3.35 -0.01	66.56 3.94 -0.01	78.32 4.21 -0.29	78.74 4.53 -0.01	61.42 3.15 0.00	52.68 2.89 -0.01	46.87 2.65 -0.01	43.01 2.55 -0.01
POMONA___ESR 323819	35.99 2.23 0.00	34.57 1.77 0.00	35.02 1.76 0.00	34.33 1.66 0.00	34.48 1.77 0.00	38.12 2.02 0.00	52.98 3.00 0.00	68.15 3.98 0.00	56.52 3.00 0.00	46.69 2.52 0.00	43.87 2.48 0.00	42.82 2.54 -1.20	42.50 2.57 -0.41	43.05 2.52 -2.38	43.17 2.63 -2.47	43.32 2.73 -0.50	50.90 3.06 0.00	66.50 3.88 0.00	78.62 4.65 -0.15	78.89 4.68 0.00	61.54 3.26 0.00	52.33 2.54 0.00	46.64 2.43 0.00	42.72 2.26 0.00
PORT_JEFF_3 23555	36.22 2.46 0.00	34.54 1.74 0.00	35.12 1.86 0.00	34.46 1.80 0.00	34.61 1.90 0.00	38.02 1.91 0.00	52.07 2.10 0.00	66.53 2.38 0.01	55.07 1.55 0.01	46.11 1.94 0.00	43.29 1.90 0.00	40.16 2.27 1.18	36.34 2.25 5.43	35.52 2.14 4.77	35.56 2.32 4.84	38.32 2.40 4.17	50.30 2.49 0.01	65.55 2.94 0.00	72.98 2.36 3.20	77.84 3.64 0.00	60.48 2.21 0.01	51.38 1.59 0.00	45.62 1.41 0.01	42.43 1.98 0.00
PORT_JEFF_4 23616	36.22 2.46 0.00	34.54 1.74 0.00	35.12 1.86 0.00	34.46 1.80 0.00	34.61 1.90 0.00	38.02 1.91 0.00	52.07 2.10 0.00	66.53 2.38 0.01	55.07 1.55 0.01	46.11 1.94 0.00	43.29 1.90 0.00	40.16 2.27 1.18	36.34 2.25 5.43	35.52 2.14 4.77	35.56 2.32 4.84	38.32 2.40 4.17	50.30 2.49 0.01	65.55 2.94 0.00	72.98 2.36 3.20	77.84 3.64 0.00	60.48 2.21 0.01	51.38 1.59 0.00	45.62 1.41 0.01	42.43 1.98 0.00

PORT_JEFF_IC 23713	36.26 2.50 0.00	34.57 1.77 0.00	35.16 1.90 0.00	34.49 1.83 0.00	34.64 1.93 0.00	38.41 2.31 0.00	52.22 2.25 0.00	67.10 2.95 0.01	55.44 1.93 0.01	46.29 2.12 0.00	43.99 2.61 0.00	40.03 2.27 1.31	36.07 2.29 5.75	35.24 2.25 5.16	35.19 2.36 5.24	38.11 2.45 4.42	50.40 2.58 0.01	65.55 2.94 0.00	72.93 2.29 3.18	77.84 3.64 0.00	60.55 2.27 0.00	51.43 1.64 0.00	45.67 1.46 0.00	42.43 1.98 0.00
PPL PILGRIM_ST_GT1 24216	36.46 2.70 0.00	34.80 2.00 0.00	35.39 2.13 0.00	34.72 2.06 0.00	34.87 2.16 0.00	38.42 2.31 0.00	52.62 2.65 0.00	66.53 2.38 0.01	55.71 2.20 0.01	46.55 2.38 0.00	43.74 2.36 0.00	43.04 2.89 -1.07	42.31 2.88 0.10	42.80 2.75 -1.90	43.03 2.97 -1.99	43.28 3.09 -0.11	50.83 3.02 0.01	66.30 3.69 0.00	73.69 2.96 3.08	78.81 4.60 0.00	61.07 2.80 0.01	51.88 2.09 0.00	46.20 1.99 0.01	43.04 2.59 0.00
PPL PILGRIM_ST_GT2 24217	36.46 2.70 0.00	34.80 2.00 0.00	35.39 2.13 0.00	34.72 2.06 0.00	34.87 2.16 0.00	38.42 2.31 0.00	52.62 2.65 0.00	66.53 2.38 0.01	55.71 2.20 0.01	46.55 2.38 0.00	43.74 2.36 0.00	43.04 2.89 -1.07	42.31 2.88 0.10	42.80 2.75 -1.90	43.03 2.97 -1.99	43.28 3.09 -0.11	50.83 3.02 0.01	66.30 3.69 0.00	73.69 2.96 3.08	78.81 4.60 0.00	61.07 2.80 0.01	51.88 2.09 0.00	46.20 1.99 0.01	43.04 2.59 0.00
PPL_SHRM_GT3 24213	36.26 2.50 0.00	34.54 1.74 0.00	35.16 1.90 0.00	34.49 1.83 0.00	34.61 1.90 0.00	37.91 1.80 0.00	52.12 2.15 0.00	66.59 2.44 0.01	55.01 1.50 0.01	46.02 1.85 0.00	43.20 1.82 0.00	39.79 1.88 1.16	36.03 1.90 5.39	35.19 1.76 4.72	35.30 2.02 4.79	37.99 2.04 4.14	50.35 2.53 0.01	65.67 3.07 0.00	72.40 1.77 3.19	78.14 3.93 0.00	60.60 2.33 0.01	51.48 1.69 0.00	45.35 1.15 0.01	41.82 1.38 0.00
PPL_SHRM_GT4 24214	36.26 2.50 0.00	34.54 1.74 0.00	35.16 1.90 0.00	34.49 1.83 0.00	34.61 1.90 0.00	37.91 1.80 0.00	52.12 2.15 0.00	66.59 2.44 0.01	55.01 1.50 0.01	46.02 1.85 0.00	43.20 1.82 0.00	39.79 1.88 1.16	36.03 1.90 5.39	35.19 1.76 4.72	35.30 2.02 4.79	37.99 2.04 4.14	50.35 2.53 0.01	65.67 3.07 0.00	72.40 1.77 3.19	78.14 3.93 0.00	60.60 2.33 0.01	51.48 1.69 0.00	45.35 1.15 0.01	41.82 1.38 0.00
PROJECT___ORANGE 1 24174	33.29 -0.47 0.00	32.44 -0.36 0.00	32.86 -0.40 0.00	32.27 -0.39 0.00	32.32 -0.39 0.00	35.74 -0.36 0.00	49.52 -0.45 0.00	63.59 -0.58 0.00	53.10 -0.43 0.00	43.86 -0.31 0.00	41.14 -0.25 0.00	38.98 -0.12 -0.03	39.37 -0.16 -0.01	37.97 -0.23 -0.05	37.86 -0.27 -0.06	39.73 -0.36 -0.01	47.30 -0.53 0.00	61.80 -0.81 0.00	73.38 -0.59 -0.15	73.63 -0.74 -0.16	57.66 -0.64 -0.03	49.24 -0.55 0.00	43.66 -0.57 -0.02	40.01 -0.44 0.00
PROJECT___ORANGE 2 24166	33.29 -0.47 0.00	32.44 -0.36 0.00	32.86 -0.40 0.00	32.27 -0.39 0.00	32.32 -0.39 0.00	35.74 -0.36 0.00	49.52 -0.45 0.00	63.59 -0.58 0.00	53.10 -0.43 0.00	43.86 -0.31 0.00	41.14 -0.25 0.00	38.98 -0.12 -0.03	39.37 -0.16 -0.01	37.97 -0.23 -0.05	37.86 -0.27 -0.06	39.73 -0.36 -0.01	47.30 -0.53 0.00	61.80 -0.81 0.00	73.38 -0.59 -0.15	73.63 -0.74 -0.16	57.66 -0.64 -0.03	49.24 -0.55 0.00	43.66 -0.57 -0.02	40.01 -0.44 0.00
PUCKETT___SOLAR 323809	34.03 0.27 0.00	33.22 0.43 0.00	33.63 0.37 0.00	32.99 0.33 0.00	33.11 0.39 0.00	36.72 0.61 0.00	51.03 1.05 0.00	65.32 1.16 0.00	54.60 1.07 0.00	44.87 0.70 0.00	42.26 0.87 0.00	40.02 0.86 -0.09	40.42 0.87 -0.03	39.05 0.72 -0.18	38.80 0.53 -0.19	40.56 0.44 -0.04	48.31 0.48 0.00	63.42 0.81 0.00	75.38 1.55 -0.01	75.84 1.63 0.00	59.44 1.16 0.00	50.84 1.05 0.00	45.01 0.80 0.00	41.30 0.85 0.00
PYRITES___HYD 24023	34.43 0.68 0.00	33.62 0.82 0.00	33.89 0.63 0.00	33.32 0.65 0.00	33.50 0.79 0.00	36.86 0.76 0.00	51.12 1.15 0.00	65.51 1.35 0.00	54.76 1.23 0.00	44.83 0.66 0.00	42.09 0.70 0.00	39.86 0.78 0.00	40.31 0.79 0.00	38.84 0.69 0.00	38.65 0.57 0.00	41.09 1.00 0.00	48.84 1.00 0.00	64.30 1.69 0.00	75.59 1.77 0.00	76.66 2.45 0.00	60.49 2.21 0.00	51.93 2.14 0.00	46.11 1.90 0.00	41.83 1.38 0.00
QUAKERRD_115KV_BK1 80622	32.21 -1.55 0.00	31.72 -1.08 0.00	32.03 -1.23 0.00	31.39 -1.27 0.00	31.47 -1.24 0.00	34.88 -1.23 0.00	48.38 -1.60 0.00	61.79 -2.37 0.00	51.81 -1.71 0.00	43.07 -1.10 0.00	40.35 -1.03 0.00	38.52 -0.59 -0.03	38.90 -0.63 -0.01	37.37 -0.84 -0.06	37.11 -1.03 -0.06	38.57 -1.52 -0.01	45.97 -1.87 0.00	59.98 -2.63 0.00	71.38 -2.44 0.00	71.39 -2.82 0.00	56.18 -2.10 0.00	48.30 -1.49 0.00	42.71 -1.50 0.00	39.24 -1.21 0.00
QUENSBRY_115KV_TB8 356137	35.01 1.25 0.00	33.91 1.12 0.00	34.53 1.26 0.00	33.97 1.31 0.00	33.96 1.24 0.00	37.55 1.44 0.00	52.07 2.10 0.00	67.24 3.08 0.00	55.83 2.30 0.00	45.58 1.41 0.00	42.25 0.87 0.00	39.54 0.55 0.08	40.09 0.59 0.03	38.64 0.65 0.15	38.75 0.84 0.16	41.05 1.00 0.03	49.50 1.67 0.00	65.12 2.50 0.00	76.76 2.95 0.01	76.81 2.60 0.00	60.14 1.86 0.00	51.13 1.34 0.00	45.41 1.19 0.00	41.54 1.09 0.00
RAMAPO___LBMP 323565	35.88 2.13 0.00	34.47 1.67 0.00	34.96 1.70 0.00	34.27 1.60 0.00	34.38 1.67 0.00	38.09 1.99 0.00	52.88 2.90 0.00	68.02 3.85 0.00	56.47 2.94 0.00	46.60 2.43 0.00	43.95 2.57 0.00	42.67 2.42 -1.17	42.37 2.45 -0.40	42.90 2.44 -2.31	42.95 2.47 -2.40	43.14 2.57 -0.49	50.70 2.87 0.00	66.31 3.69 0.00	78.32 4.36 -0.15	78.59 4.38 0.00	61.30 3.03 0.00	52.18 2.39 0.00	46.51 2.30 0.00	42.60 2.14 0.00
RANKINE____ 23646	31.87 -1.89 0.00	31.88 -0.92 0.00	32.00 -1.26 0.00	31.23 -1.44 0.00	31.37 -1.34 0.00	34.77 -1.34 0.00	48.08 -1.90 0.00	60.06 -4.11 0.00	50.74 -2.78 0.00	42.40 -1.77 0.00	39.77 -1.61 0.00	38.50 -0.63 -0.05	38.87 -0.67 -0.02	37.10 -1.14 -0.09	36.73 -1.45 -0.10	37.62 -2.49 -0.02	44.39 -3.44 0.00	57.79 -4.82 0.00	69.47 -4.36 0.00	69.91 -4.30 0.00	55.42 -2.86 0.00	48.35 -1.44 0.00	42.71 -1.50 0.00	39.72 -0.73 0.00
RAVENSWOOD_GT2_1 24244	36.22 2.46 0.00	34.80 2.00 0.00	35.23 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.41 2.31 0.00	53.33 3.35 -0.01	68.66 4.49 -0.01	57.01 3.48 -0.01	47.18 3.00 -0.01	44.45 3.06 -0.01	43.28 2.89 -1.31	42.90 2.92 -0.45	43.64 2.90 -2.59	43.73 2.97 -2.69	43.72 3.09 -0.55	51.33 3.49 -0.01	66.87 4.26 -0.01	78.92 4.80 -0.30	79.12 4.90 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
RAVENSWOOD_GT2_2 24245	36.22 2.46 0.00	34.80 2.00 0.00	35.23 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.41 2.31 0.00	53.33 3.35 -0.01	68.66 4.49 -0.01	57.01 3.48 -0.01	47.18 3.00 -0.01	44.45 3.06 -0.01	43.28 2.89 -1.31	42.90 2.92 -0.45	43.64 2.90 -2.59	43.73 2.97 -2.69	43.72 3.09 -0.55	51.33 3.49 -0.01	66.87 4.26 -0.01	78.92 4.80 -0.30	79.12 4.90 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00

RAVENSWOOD_GT2_3 24246	36.26 2.50 0.00	34.80 2.00 0.00	35.26 2.00 0.00	34.56 1.89 0.00	34.71 2.00 0.00	38.41 2.31 0.00	53.33 3.35 -0.01	68.73 4.56 -0.01	57.01 3.48 -0.01	47.22 3.05 -0.01	44.50 3.10 -0.01	43.28 2.89 -1.31	42.90 2.92 -0.45	43.64 2.90 -2.59	43.73 2.97 -2.69	43.72 3.09 -0.55	51.38 3.54 -0.01	66.94 4.32 -0.01	78.99 4.87 -0.30	79.19 4.97 -0.01	61.77 3.50 0.00	52.68 2.89 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
RAVENSWOOD_GT2_4 24247	36.26 2.50 0.00	34.80 2.00 0.00	35.26 2.00 0.00	34.56 1.89 0.00	34.71 2.00 0.00	38.41 2.31 0.00	53.33 3.35 -0.01	68.73 4.56 -0.01	57.01 3.48 -0.01	47.22 3.05 -0.01	44.50 3.10 -0.01	43.28 2.89 -1.31	42.90 2.92 -0.45	43.64 2.90 -2.59	43.73 2.97 -2.69	43.72 3.09 -0.55	51.38 3.54 -0.01	66.94 4.32 -0.01	78.99 4.87 -0.30	79.19 4.97 -0.01	61.77 3.50 0.00	52.68 2.89 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
RAVENSWOOD_GT3_1 24248	36.26 2.50 0.00	34.80 2.00 0.00	35.23 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.41 2.31 0.00	53.33 3.35 -0.01	68.66 4.49 -0.01	57.01 3.48 -0.01	47.18 3.00 -0.01	44.45 3.06 -0.01	43.28 2.89 -1.31	42.90 2.92 -0.45	43.64 2.90 -2.59	43.73 2.97 -2.69	43.72 3.09 -0.55	51.33 3.49 -0.01	66.87 4.26 -0.01	78.92 4.80 -0.30	79.12 4.90 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
RAVENSWOOD_GT3_2 24249	36.26 2.50 0.00	34.80 2.00 0.00	35.23 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.41 2.31 0.00	53.33 3.35 -0.01	68.66 4.49 -0.01	57.01 3.48 -0.01	47.18 3.00 -0.01	44.45 3.06 -0.01	43.28 2.89 -1.31	42.90 2.92 -0.45	43.64 2.90 -2.59	43.73 2.97 -2.69	43.72 3.09 -0.55	51.33 3.49 -0.01	66.87 4.26 -0.01	78.92 4.80 -0.30	79.12 4.90 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
RAVENSWOOD_GT3_3 24250	36.29 2.53 0.00	34.83 2.03 0.00	35.26 2.00 0.00	34.56 1.89 0.00	34.71 2.00 0.00	38.45 2.35 0.00	53.38 3.40 -0.01	68.73 4.56 -0.01	57.06 3.53 -0.01	47.27 3.09 -0.01	44.54 3.15 -0.01	43.32 2.93 -1.31	42.94 2.96 -0.45	43.68 2.94 -2.59	43.77 3.01 -2.69	43.76 3.13 -0.55	51.42 3.59 -0.01	67.00 4.38 -0.01	79.07 4.95 -0.30	79.26 5.05 -0.01	61.83 3.55 0.00	52.68 2.89 -0.01	46.95 2.74 0.00	43.00 2.55 0.00
RAVENSWOOD_GT3_4 24251	36.29 2.53 0.00	34.83 2.03 0.00	35.26 2.00 0.00	34.56 1.89 0.00	34.71 2.00 0.00	38.45 2.35 0.00	53.38 3.40 -0.01	68.73 4.56 -0.01	57.06 3.53 -0.01	47.27 3.09 -0.01	44.54 3.15 -0.01	43.32 2.93 -1.31	42.94 2.96 -0.45	43.68 2.94 -2.59	43.77 3.01 -2.69	43.76 3.13 -0.55	51.42 3.59 -0.01	67.00 4.38 -0.01	79.07 4.95 -0.30	79.26 5.05 -0.01	61.83 3.55 0.00	52.68 2.89 -0.01	46.95 2.74 0.00	43.00 2.55 0.00
RAVENSWOOD_GT_1 23729	36.43 2.67 -0.01	34.97 2.16 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.60 2.49 -0.01	53.58 3.60 -0.01	68.79 4.62 -0.01	57.06 3.53 -0.01	47.41 3.22 -0.01	44.67 3.27 -0.01	43.48 3.09 -1.32	43.11 3.12 -0.46	43.84 3.09 -2.60	43.93 3.16 -2.70	43.93 3.29 -0.56	51.57 3.73 -0.01	67.06 4.45 -0.01	78.77 4.65 -0.30	79.26 5.05 -0.01	61.83 3.55 0.00	52.83 3.04 -0.01	47.14 2.92 -0.01	43.17 2.71 -0.01
RAVENSWOOD_GT_10 24258	36.22 2.46 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.67 1.96 0.00	38.38 2.27 0.00	53.33 3.35 -0.01	68.66 4.49 -0.01	57.01 3.48 -0.01	47.18 3.00 0.00	44.45 3.06 0.00	43.28 2.89 -1.31	42.86 2.89 -0.45	43.64 2.90 -2.59	43.73 2.97 -2.69	43.68 3.05 -0.55	51.33 3.49 -0.01	66.87 4.26 -0.01	78.99 4.87 -0.30	79.12 4.90 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
RAVENSWOOD_GT_11 24259	36.22 2.46 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.67 1.96 0.00	38.38 2.27 0.00	53.33 3.35 -0.01	68.66 4.49 -0.01	57.01 3.48 -0.01	47.18 3.00 0.00	44.45 3.06 0.00	43.28 2.89 -1.31	42.86 2.89 -0.45	43.64 2.90 -2.59	43.73 2.97 -2.69	43.68 3.05 -0.55	51.33 3.49 -0.01	66.87 4.26 -0.01	78.99 4.87 -0.30	79.12 4.90 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
RAVENSWOOD_GT_4 24252	36.30 2.53 -0.01	34.84 2.03 -0.01	35.30 2.03 -0.01	34.60 1.93 -0.01	34.75 2.03 -0.01	38.46 2.35 -0.01	53.38 3.40 -0.01	68.66 4.49 -0.01	57.01 3.48 -0.01	47.23 3.05 -0.01	44.50 3.10 -0.01	43.32 2.93 -1.32	42.95 2.96 -0.46	43.69 2.94 -2.60	43.78 3.01 -2.70	43.77 3.13 -0.56	51.38 3.54 -0.01	66.87 4.26 -0.01	78.85 4.72 -0.30	79.12 4.90 -0.01	61.77 3.50 0.00	52.68 2.89 -0.01	46.96 2.74 -0.01	43.01 2.55 -0.01
RAVENSWOOD_GT_5 24254	36.30 2.53 -0.01	34.84 2.03 -0.01	35.30 2.03 -0.01	34.60 1.93 -0.01	34.75 2.03 -0.01	38.46 2.35 -0.01	53.38 3.40 -0.01	68.66 4.49 -0.01	57.01 3.48 -0.01	47.23 3.05 -0.01	44.50 3.10 -0.01	43.32 2.93 -1.32	42.95 2.96 -0.46	43.69 2.94 -2.60	43.78 3.01 -2.70	43.77 3.13 -0.56	51.38 3.54 -0.01	66.87 4.26 -0.01	78.85 4.72 -0.30	79.12 4.90 -0.01	61.77 3.50 0.00	52.68 2.89 -0.01	46.96 2.74 -0.01	43.01 2.55 -0.01
RAVENSWOOD_GT_6 24253	36.30 2.53 -0.01	34.84 2.03 -0.01	35.30 2.03 -0.01	34.60 1.93 -0.01	34.75 2.03 -0.01	38.46 2.35 -0.01	53.38 3.40 -0.01	68.66 4.49 -0.01	57.01 3.48 -0.01	47.23 3.05 -0.01	44.50 3.10 -0.01	43.32 2.93 -1.32	42.95 2.96 -0.46	43.69 2.94 -2.60	43.78 3.01 -2.70	43.77 3.13 -0.56	51.38 3.54 -0.01	66.87 4.26 -0.01	78.85 4.72 -0.30	79.12 4.90 -0.01	61.77 3.50 0.00	52.68 2.89 -0.01	46.96 2.74 -0.01	43.01 2.55 -0.01
RAVENSWOOD_GT_7 24255	36.30 2.53 -0.01	34.84 2.03 -0.01	35.30 2.03 -0.01	34.60 1.93 -0.01	34.75 2.03 -0.01	38.46 2.35 -0.01	53.38 3.40 -0.01	68.66 4.49 -0.01	57.01 3.48 -0.01	47.23 3.05 -0.01	44.50 3.10 -0.01	43.32 2.93 -1.32	42.95 2.96 -0.46	43.69 2.94 -2.60	43.78 3.01 -2.70	43.77 3.13 -0.56	51.38 3.54 -0.01	66.87 4.26 -0.01	78.85 4.72 -0.30	79.12 4.90 -0.01	61.77 3.50 0.00	52.68 2.89 -0.01	46.96 2.74 -0.01	43.01 2.55 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.22 2.46 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.67 1.96 0.00	38.38 2.27 0.00	53.33 3.35 -0.01	68.66 4.49 -0.01	57.01 3.48 -0.01	47.18 3.00 0.00	44.45 3.06 0.00	43.28 2.89 -1.31	42.86 2.89 -0.45	43.64 2.90 -2.59	43.73 2.97 -2.69	43.68 3.05 -0.55	51.33 3.49 -0.01	66.87 4.26 -0.01	78.99 4.87 -0.30	79.12 4.90 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
RAVENSWOOD_GT_9 24257	36.22 2.46 0.00	34.77 1.97 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.67 1.96 0.00	38.38 2.27 0.00	53.33 3.35 -0.01	68.66 4.49 -0.01	57.01 3.48 -0.01	47.18 3.00 0.00	44.45 3.06 0.00	43.28 2.89 -1.31	42.86 2.89 -0.45	43.64 2.90 -2.59	43.73 2.97 -2.69	43.68 3.05 -0.55	51.33 3.49 -0.01	66.87 4.26 -0.01	78.99 4.87 -0.30	79.12 4.90 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00

RAVENSWOOD___1 23533	36.40 2.63 -0.01	34.94 2.13 -0.01	35.40 2.13 -0.01	34.70 2.03 -0.01	34.85 2.13 -0.01	38.49 2.38 -0.01	53.53 3.55 -0.01	68.53 4.37 -0.01	56.91 3.37 -0.01	47.32 3.14 -0.01	44.42 3.02 -0.01	43.44 3.05 -1.32	43.07 3.08 -0.46	43.76 3.01 -2.60	43.89 3.12 -2.70	43.89 3.25 -0.56	51.52 3.68 -0.01	67.00 4.38 -0.01	78.77 4.65 -0.30	79.27 5.05 -0.01	61.83 3.56 0.00	52.83 3.04 -0.01	47.09 2.87 -0.01	43.17 2.71 -0.01
RAVENSWOOD___2 23534	36.33 2.56 -0.01	34.87 2.07 -0.01	35.33 2.06 -0.01	34.63 1.96 -0.01	34.78 2.06 -0.01	38.42 2.31 -0.01	53.38 3.40 -0.01	68.08 3.91 -0.01	56.69 3.16 -0.01	47.23 3.05 -0.01	44.34 2.94 -0.01	43.36 2.97 -1.32	42.98 3.00 -0.46	43.69 2.94 -2.60	43.82 3.05 -2.70	43.81 3.17 -0.56	51.43 3.59 -0.01	66.56 3.95 -0.01	78.25 4.13 -0.30	78.74 4.53 -0.01	61.42 3.14 0.00	52.73 2.94 -0.01	47.01 2.79 -0.01	43.05 2.59 -0.01
RAVENSWOOD___3 23535	36.26 2.50 0.00	34.80 2.00 0.00	35.22 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.34 2.24 0.00	53.28 3.30 -0.01	68.53 4.37 -0.01	56.85 3.32 -0.01	47.14 2.96 -0.01	44.21 2.82 -0.01	43.28 2.89 -1.31	42.90 2.92 -0.45	43.60 2.86 -2.59	43.74 2.97 -2.69	43.72 3.09 -0.55	51.33 3.49 -0.01	66.88 4.26 -0.01	78.99 4.87 -0.30	79.11 4.90 -0.01	61.77 3.50 0.00	52.63 2.84 -0.01	46.91 2.70 0.00	42.96 2.51 0.00
RAVENSWOOD___4 23820	36.36 2.60 -0.01	34.94 2.13 -0.01	35.37 2.10 -0.01	34.66 1.99 -0.01	34.81 2.10 -0.01	38.49 2.38 -0.01	53.48 3.50 -0.01	68.47 4.30 -0.01	56.91 3.37 -0.01	47.32 3.14 -0.01	44.38 2.98 -0.01	43.44 3.05 -1.32	43.07 3.08 -0.46	43.76 3.01 -2.60	43.89 3.12 -2.70	43.89 3.25 -0.56	51.52 3.68 -0.01	66.93 4.32 -0.01	78.70 4.58 -0.30	79.19 4.97 -0.01	61.77 3.50 0.00	52.78 2.99 -0.01	47.09 2.87 -0.01	43.13 2.67 -0.01
RCPL_TRUST___DRP 24196	36.22 2.46 0.00	34.77 1.97 0.00	35.23 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.38 2.27 0.00	53.33 3.35 0.00	68.72 4.56 -0.01	57.06 3.53 -0.01	47.22 3.05 0.00	44.49 3.10 0.00	43.28 2.89 -1.31	42.90 2.92 -0.45	43.64 2.90 -2.59	43.73 2.97 -2.69	43.72 3.09 -0.55	51.38 3.54 -0.01	66.94 4.32 0.00	79.10 5.02 -0.26	79.19 4.97 0.00	61.83 3.55 0.00	52.68 2.89 0.00	46.91 2.70 0.00	42.96 2.51 0.00
RED___ROCHESTER 323720	32.98 -0.78 0.00	32.57 -0.23 0.00	32.83 -0.43 0.00	32.18 -0.49 0.00	32.29 -0.43 0.00	35.96 -0.14 0.00	49.73 -0.25 0.00	63.46 -0.70 0.00	53.42 -0.11 0.00	44.39 0.22 0.00	42.01 0.62 0.00	39.73 0.62 -0.03	40.21 0.67 -0.01	38.79 0.57 -0.06	38.14 0.00 -0.07	39.54 -0.56 -0.01	47.16 61.55 0.00	-0.67 -1.06 0.00	-0.44 -0.89 0.00	-0.89 -0.53 0.00	-0.53 -0.05 0.00	-0.31 -0.04 0.00	40.41 -0.04 0.00	
REGAN___SOLAR 323812	35.21 1.45 0.00	34.14 1.35 0.00	34.72 1.46 0.00	34.17 1.50 0.00	34.22 1.51 0.00	37.91 1.80 0.00	52.82 2.85 0.00	68.08 3.91 0.00	55.99 2.46 0.00	45.14 0.97 0.00	41.55 0.17 0.00	38.95 -0.08 0.05	39.39 -0.12 0.02	37.98 -0.08 0.10	38.17 0.19 0.10	40.79 0.72 0.02	49.60 1.77 0.00	65.80 3.19 0.00	77.88 4.06 0.00	78.07 3.86 0.00	61.13 2.85 0.00	52.03 2.24 0.00	46.11 1.90 0.00	42.15 1.70 0.00
RENSSELAER___COGEN 23796	34.43 0.67 0.00	33.29 0.49 0.00	33.76 0.50 0.00	33.16 0.49 0.00	33.17 0.46 0.00	36.61 0.51 0.00	50.53 0.55 0.00	64.99 0.83 0.00	54.01 0.48 0.00	44.52 0.35 0.00	41.51 0.12 0.00	38.87 -0.12 0.09	39.42 -0.08 0.03	37.94 -0.04 0.17	38.17 0.27 0.18	40.29 0.24 0.04	48.41 0.58 0.00	63.30 0.69 0.00	74.33 0.52 0.01	74.43 0.22 0.00	58.51 0.23 0.00	49.84 0.05 0.00	44.21 0.00 0.00	40.53 0.08 0.00
REPUBLIC_115KV_BARTNBK 55605	36.19 2.43 0.00	35.13 2.33 0.00	35.76 2.49 0.00	35.25 2.58 0.00	35.20 2.49 0.00	39.03 2.92 0.00	54.27 4.30 0.00	70.26 6.10 0.00	58.18 4.66 0.00	47.17 3.00 0.00	43.46 2.07 0.00	40.68 1.68 0.08	41.24 1.74 0.03	39.75 1.75 0.15	39.86 1.94 0.16	42.30 2.24 0.03	51.23 3.40 0.00	67.68 5.07 0.00	80.09 6.27 0.01	80.15 5.94 0.00	62.64 4.37 0.00	53.13 3.34 0.00	47.13 2.92 0.00	43.16 2.71 0.00
REVERE_CPPR_DRP 24186	34.53 0.78 0.00	33.68 0.89 0.00	34.06 0.80 0.00	33.38 0.72 0.00	33.63 0.92 0.00	37.11 1.01 0.00	51.67 1.70 0.00	66.41 2.25 0.00	55.61 2.09 0.00	45.58 1.41 0.00	42.75 1.37 0.00	40.36 1.29 0.00	40.79 1.26 0.00	39.29 1.14 0.00	39.10 1.03 0.00	41.41 1.32 0.00	49.41 1.58 0.00	64.61 2.00 0.00	76.48 2.66 0.00	77.33 3.12 0.00	60.55 2.27 0.00	51.58 1.79 0.00	45.63 1.41 0.00	41.63 1.17 0.00
REYNLDPA_13_KV_LD 356490	33.89 0.14 0.00	33.00 0.20 0.00	33.36 0.10 0.00	32.83 0.16 0.00	32.88 0.16 0.00	36.18 0.07 0.00	50.13 0.15 0.00	64.29 0.13 0.00	53.74 0.21 0.00	44.39 0.22 0.00	41.59 0.21 0.00	39.43 0.35 0.00	39.84 0.31 0.00	38.49 0.34 0.00	38.31 0.23 0.00	40.48 0.40 0.00	48.17 0.34 0.00	63.30 0.69 0.00	74.41 0.59 0.00	74.95 0.74 0.00	58.98 0.70 0.00	50.44 0.65 0.00	44.92 0.71 0.00	40.90 0.45 0.00
REYNOLDS_115KV_TB3 80639	34.67 0.91 0.00	33.52 0.72 0.00	34.03 0.77 0.00	33.45 0.78 0.00	33.43 0.72 0.00	36.93 0.83 0.00	51.02 1.05 0.00	65.64 1.48 0.00	54.54 1.02 0.00	45.01 0.84 0.00	42.01 0.62 0.00	39.14 0.16 0.09	39.69 0.20 0.03	38.32 0.34 0.17	38.43 0.53 0.18	40.61 0.56 0.04	48.83 1.00 0.00	63.86 1.25 0.00	74.99 1.18 0.01	75.03 0.82 0.00	59.03 0.76 0.00	50.29 0.50 0.00	44.57 0.35 0.00	40.86 0.40 0.00
RIVERBAY____ 323610	36.84 3.07 -0.01	35.43 2.62 -0.01	35.90 2.63 -0.01	35.19 2.52 -0.01	35.34 2.62 -0.01	39.07 2.96 -0.01	54.33 4.35 -0.01	69.43 5.26 -0.01	57.38 3.85 -0.01	47.61 3.45 0.00	44.86 3.48 0.00	43.66 3.28 -1.30	43.29 3.32 -0.44	44.01 3.28 -2.58	44.11 3.35 -2.68	44.11 3.49 -0.54	51.85 4.02 -0.01	67.38 4.76 -0.01	79.11 5.09 -0.20	79.78 5.57 -0.01	62.24 3.96 0.00	53.38 3.58 -0.01	47.49 3.27 -0.01	43.70 3.24 -0.01
RIVERSDE_115KV_TB3 55908	34.47 0.71 0.00	33.32 0.52 0.00	33.83 0.57 0.00	33.22 0.56 0.00	33.24 0.52 0.00	36.72 0.61 0.00	50.62 0.65 0.00	65.19 1.03 0.00	54.17 0.64 0.00	44.66 0.49 0.00	41.72 0.33 0.00	38.91 -0.08 0.09	39.45 -0.04 0.03	38.09 0.11 0.17	38.24 0.34 0.18	40.37 0.32 0.04	48.50 0.67 0.00	63.42 0.81 0.00	74.47 0.66 0.01	74.58 0.37 0.00	58.56 0.29 0.00	49.89 0.10 0.00	44.26 0.04 0.00	40.57 0.12 0.00
ROARING___BROOK_WT_PWR 323790	33.02 -0.74 0.00	32.01 -0.79 0.00	32.50 -0.76 0.00	31.95 -0.72 0.00	32.06 -0.65 0.00	35.34 -0.76 0.00	48.98 -1.00 0.00	62.88 -1.28 0.00	52.40 -1.13 0.00	43.24 -0.93 0.00	40.48 -0.91 0.00	38.29 -0.78 0.00	38.77 -0.75 0.00	37.46 -0.69 0.00	37.46 -0.61 0.00	39.60 -0.48 0.00	47.35 -0.48 0.00	62.18 -0.44 0.00	73.31 -0.51 0.00	73.70 -0.52 0.00	57.87 -0.41 0.00	49.49 -0.30 0.00	43.99 -0.22 0.00	40.21 -0.24 0.00

ROCHESRG_115KV_T4 355643	32.75 -1.01 0.00	32.34 -0.46 0.00	32.60 -0.67 0.00	31.95 -0.72 0.00	32.06 -0.65 0.00	35.49 -0.61 0.00	49.18 -0.80 0.00	62.69 -1.48 0.00	52.61 -0.91 0.00	43.73 -0.44 0.00	40.97 -0.41 0.00	39.22 0.12 -0.03	39.57 0.04 -0.01	38.02 -0.19 -0.06	37.68 -0.46 -0.07	39.10 -1.00 -0.01	46.59 -1.24 0.00	60.73 -1.88 0.00	72.42 -1.40 0.00	72.43 -1.78 0.00	57.11 -1.17 0.00	49.19 -0.60 0.00	43.46 -0.75 0.00	40.01 -0.44 0.00
ROCHESTER_9_IC 23652	32.88 -0.88 0.00	32.47 -0.33 0.00	32.73 -0.53 0.00	32.08 -0.59 0.00	32.19 -0.52 0.00	35.67 -0.43 0.00	49.47 -0.50 0.00	63.07 -1.09 0.00	52.94 -0.59 0.00	44.04 -0.13 0.00	41.26 -0.12 0.00	39.50 0.39 -0.03	39.89 0.36 -0.01	38.29 0.08 -0.06	37.95 -0.19 -0.07	39.34 -0.76 -0.01	46.87 -0.96 0.00	61.17 -1.44 0.00	72.93 -0.89 0.00	72.88 -1.34 0.00	57.46 -0.82 0.00	49.49 -0.30 0.00	43.68 -0.53 0.00	40.21 -0.24 0.00
ROCKVIEW_13_KV_LD 356306	36.15 2.40 0.00	34.70 1.90 0.00	35.16 1.90 0.00	34.49 1.83 0.00	34.61 1.90 0.00	38.31 2.20 0.00	53.17 3.20 0.00	68.53 4.36 0.00	56.95 3.43 0.00	47.08 2.92 0.00	44.41 3.02 0.00	43.15 2.77 -1.31	42.81 2.85 -0.44	43.56 2.82 -2.59	43.61 2.86 -2.68	43.59 2.97 -0.54	51.23 3.40 0.00	66.81 4.19 0.00	78.65 4.87 0.04	79.11 4.90 0.00	61.77 3.50 0.00	52.58 2.79 0.00	46.82 2.61 0.00	42.84 2.39 0.00
ROME____115KV_TB2 80656	34.53 0.78 0.00	33.68 0.89 0.00	34.06 0.80 0.00	33.38 0.72 0.00	33.63 0.92 0.00	37.11 1.01 0.00	51.67 1.70 0.00	66.41 2.25 0.00	55.61 2.09 0.00	45.58 1.41 0.00	42.75 1.37 0.00	40.36 1.29 0.00	40.79 1.26 0.00	39.29 1.14 0.00	39.10 1.03 0.00	41.41 1.32 0.00	49.41 1.58 0.00	64.61 2.00 0.00	76.48 2.66 0.00	77.33 3.12 0.00	60.55 2.27 0.00	51.58 1.79 0.00	45.63 1.41 0.00	41.63 1.17 0.00
ROSETON___1 23587	35.48 1.72 0.00	34.14 1.35 0.00	34.66 1.40 0.00	33.97 1.31 0.00	34.09 1.37 0.00	37.62 1.52 0.00	52.17 2.20 0.00	67.18 3.02 0.00	55.77 2.25 0.00	46.16 1.99 0.00	43.25 1.86 0.00	40.76 1.88 0.19	41.36 1.90 0.06	39.65 1.87 0.37	39.67 1.98 0.38	42.09 2.08 0.08	50.22 2.39 0.00	65.49 2.88 0.00	76.94 3.17 0.05	77.40 3.19 0.00	60.54 2.27 0.00	51.58 1.79 0.00	45.98 1.77 0.00	42.15 1.70 0.00
ROSETON___2 23588	35.48 1.72 0.00	34.14 1.35 0.00	34.66 1.40 0.00	33.97 1.31 0.00	34.09 1.37 0.00	37.62 1.52 0.00	52.17 2.20 0.00	67.18 3.02 0.00	55.77 2.25 0.00	46.16 1.99 0.00	43.25 1.86 0.00	40.76 1.88 0.19	41.36 1.90 0.06	39.65 1.87 0.37	39.67 1.98 0.38	42.09 2.08 0.08	50.22 2.39 0.00	65.49 2.88 0.00	76.94 3.17 0.05	77.40 3.19 0.00	60.54 2.27 0.00	51.58 1.79 0.00	45.98 1.77 0.00	42.15 1.70 0.00
ROTRDAM_115KV_TB3 80664	34.77 1.01 0.00	33.65 0.85 0.00	34.23 0.96 0.00	33.61 0.95 0.00	33.63 0.92 0.00	37.11 1.01 0.00	51.47 1.50 0.00	66.22 2.05 0.00	55.08 1.55 0.00	45.27 1.10 0.00	42.25 0.87 0.00	39.63 0.63 0.07	40.13 0.63 0.03	38.69 0.69 0.15	38.72 0.80 0.15	40.97 0.92 0.03	49.17 1.34 0.00	64.43 1.82 0.00	75.80 1.99 0.01	75.92 1.71 0.00	59.56 1.28 0.00	50.84 1.05 0.00	45.10 0.88 0.00	41.30 0.85 0.00
RUSSELL___1 23602	32.98 -0.78 0.00	32.57 -0.23 0.00	32.83 -0.43 0.00	32.17 -0.49 0.00	32.29 -0.43 0.00	35.78 -0.32 0.00	49.67 -0.30 0.00	63.39 -0.77 0.00	53.20 -0.32 0.00	44.26 0.09 0.00	41.51 0.12 0.00	39.73 0.63 -0.03	40.09 0.55 -0.01	38.52 0.31 -0.06	38.14 0.00 -0.07	39.54 -0.56 -0.01	47.16 -0.67 0.00	61.55 -1.06 0.00	73.38 -0.44 0.00	73.32 -0.89 0.00	57.75 -0.52 0.00	49.74 -0.05 0.00	43.90 -0.31 0.00	40.41 -0.04 0.00
RUSSELL___2 23532	32.98 -0.78 0.00	32.57 -0.23 0.00	32.83 -0.43 0.00	32.17 -0.49 0.00	32.29 -0.43 0.00	35.78 -0.32 0.00	49.67 -0.30 0.00	63.39 -0.77 0.00	53.20 -0.32 0.00	44.26 0.09 0.00	41.51 0.12 0.00	39.73 0.63 -0.03	40.09 0.55 -0.01	38.52 0.31 -0.06	38.14 0.00 -0.07	39.54 -0.56 -0.01	47.16 -0.67 0.00	61.55 -1.06 0.00	73.38 -0.44 0.00	73.32 -0.89 0.00	57.75 -0.52 0.00	49.74 -0.05 0.00	43.90 -0.31 0.00	40.41 -0.04 0.00
RUSSELL___3 23549	32.98 -0.78 0.00	32.57 -0.23 0.00	32.83 -0.43 0.00	32.17 -0.49 0.00	32.29 -0.43 0.00	35.78 -0.32 0.00	49.67 -0.30 0.00	63.39 -0.77 0.00	53.20 -0.32 0.00	44.26 0.09 0.00	41.51 0.12 0.00	39.73 0.63 -0.03	40.09 0.55 -0.01	38.52 0.31 -0.06	38.14 0.00 -0.07	39.54 -0.56 -0.01	47.16 -0.67 0.00	61.55 -1.06 0.00	73.38 -0.44 0.00	73.32 -0.89 0.00	57.75 -0.52 0.00	49.74 -0.05 0.00	43.90 -0.31 0.00	40.41 -0.04 0.00
RUSSELL___4 23556	32.98 -0.78 0.00	32.57 -0.23 0.00	32.83 -0.43 0.00	32.17 -0.49 0.00	32.29 -0.43 0.00	35.78 -0.32 0.00	49.67 -0.30 0.00	63.39 -0.77 0.00	53.20 -0.32 0.00	44.26 0.09 0.00	41.51 0.12 0.00	39.73 0.63 -0.03	40.09 0.55 -0.01	38.52 0.31 -0.06	38.14 0.00 -0.07	39.54 -0.56 -0.01	47.16 -0.67 0.00	61.55 -1.06 0.00	73.38 -0.44 0.00	73.32 -0.89 0.00	57.75 -0.52 0.00	49.74 -0.05 0.00	43.90 -0.31 0.00	40.41 -0.04 0.00
RUSSELL__STATION 23914	32.98 -0.78 0.00	32.57 -0.23 0.00	32.83 -0.43 0.00	32.17 -0.49 0.00	32.29 -0.43 0.00	35.78 -0.32 0.00	49.67 -0.30 0.00	63.39 -0.77 0.00	53.20 -0.32 0.00	44.26 0.09 0.00	41.51 0.12 0.00	39.73 0.63 -0.03	40.09 0.55 -0.01	38.52 0.31 -0.06	38.14 0.00 -0.07	39.54 -0.56 -0.01	47.16 -0.67 0.00	61.55 -1.06 0.00	73.38 -0.44 0.00	73.32 -0.89 0.00	57.75 -0.52 0.00	49.74 -0.05 0.00	43.90 -0.31 0.00	40.41 -0.04 0.00
S SALMON__HYD 24043	33.45 -0.30 0.00	32.60 -0.20 0.00	33.00 -0.27 0.00	32.37 -0.29 0.00	32.52 -0.20 0.00	35.92 -0.18 0.00	49.78 -0.20 0.00	63.97 -0.19 0.00	53.58 0.05 0.00	44.04 -0.13 0.00	41.30 -0.08 0.00	38.96 -0.12 0.00	39.41 -0.12 0.00	37.96 -0.19 0.00	37.77 -0.31 0.00	39.88 -0.20 0.00	47.40 -0.43 0.00	61.99 -0.63 0.00	74.50 -0.29 -0.98	75.09 -0.15 -1.02	58.22 -0.23 -0.18	49.64 -0.15 0.00	44.22 -0.13 -0.14	40.29 -0.16 0.00
S.PERRY__115KV_TB1 80734	33.25 -0.51 0.00	33.00 0.20 0.00	33.20 -0.07 0.00	32.57 -0.10 0.00	32.65 -0.07 0.00	36.36 0.25 0.00	50.72 0.75 0.00	64.74 0.58 0.00	53.90 0.37 0.00	44.39 0.22 0.00	41.51 0.12 0.00	39.79 0.66 -0.05	40.09 0.55 -0.02	38.40 0.15 -0.10	38.10 -0.08 -0.10	39.50 -0.60 -0.02	47.21 -0.62 0.00	62.17 -0.44 0.00	75.15 1.33 0.00	75.03 0.82 0.00	59.09 0.82 0.00	50.89 1.10 0.00	44.88 0.66 0.00	41.34 0.89 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.80 -1.96 0.00	31.85 -0.95 0.00	31.97 -1.30 0.00	31.19 -1.47 0.00	31.31 -1.41 0.00	34.70 -1.41 0.00	47.88 -2.10 0.00	59.74 -4.43 0.00	50.47 -3.05 0.00	42.27 -1.90 0.00	39.61 -1.78 0.00	38.38 -0.74 -0.05	38.71 -0.83 -0.02	36.98 -1.26 -0.09	36.57 -1.60 -0.09	37.50 -2.61 -0.02	44.20 -3.64 0.00	57.48 -5.13 0.00	68.95 -4.87 0.00	69.31 -4.90 0.00	55.07 -3.21 0.00	48.05 -1.74 0.00	42.44 -1.77 0.00	39.52 -0.93 0.00

SAWYER___23_KV_LOAD 55526	31.80 -1.96 0.00	31.85 -0.95 0.00	31.97 -1.30 0.00	31.19 -1.47 0.00	31.31 -1.41 0.00	34.70 -1.41 0.00	47.88 -2.10 0.00	59.74 -4.43 0.00	50.47 -3.05 0.00	42.27 -1.90 0.00	39.61 -1.78 0.00	38.38 -0.74 -0.05	38.71 -0.83 -0.02	36.98 -1.26 -0.09	36.57 -1.60 -0.09	37.50 -2.61 -0.02	44.20 -3.64 0.00	57.48 -5.13 0.00	68.95 -4.87 0.00	69.31 -4.90 0.00	55.07 -3.21 0.00	48.05 -1.74 0.00	42.44 -1.77 0.00	39.52 -0.93 0.00
SELKIRK___I 23801	34.70 0.94 0.00	33.58 0.79 0.00	34.13 0.86 0.00	33.51 0.85 0.00	33.63 0.91 0.00	37.08 0.98 0.00	51.32 1.35 0.00	65.96 1.79 0.00	54.70 1.18 0.00	44.92 0.75 0.00	41.84 0.46 0.00	39.20 0.20 0.07	39.78 0.28 0.02	38.25 0.23 0.13	38.43 0.49 0.14	40.62 0.56 0.03	48.79 0.96 0.00	63.93 1.32 0.00	75.14 1.33 0.01	75.33 1.11 0.00	59.15 0.88 0.00	50.44 0.65 0.00	44.79 0.57 0.00	41.06 0.61 0.00
SELKIRK___II 23799	34.50 0.74 0.00	33.36 0.56 0.00	33.86 0.60 0.00	33.25 0.59 0.00	33.30 0.59 0.00	36.72 0.61 0.00	50.77 0.80 0.00	65.32 1.16 0.00	54.27 0.75 0.00	44.74 0.57 0.00	41.72 0.33 0.00	39.15 0.16 0.08	39.69 0.20 0.03	38.18 0.19 0.16	38.33 0.42 0.16	40.49 0.44 0.03	48.59 0.76 0.00	63.55 0.94 0.00	74.62 0.81 0.01	74.80 0.59 0.00	58.74 0.46 0.00	50.09 0.30 0.00	44.48 0.27 0.00	40.74 0.29 0.00
SENECA OSWGO___HYD 24041	33.12 -0.64 0.00	32.27 -0.53 0.00	32.70 -0.57 0.00	32.11 -0.56 0.00	32.16 -0.56 0.00	35.56 -0.54 0.00	49.17 -0.80 0.00	63.20 -0.96 0.00	52.78 -0.75 0.00	43.55 -0.62 0.00	40.89 -0.49 0.00	38.61 -0.47 0.00	39.05 -0.47 0.00	37.65 -0.50 0.00	37.51 -0.57 0.00	39.40 -0.68 0.00	46.92 -0.91 0.00	61.36 -1.25 0.00	74.14 -1.18 -1.50	74.45 -1.33 -1.57	57.43 -1.11 -0.27	48.90 -0.89 0.00	43.58 -0.84 -0.21	39.73 -0.73 0.00
SENECA___115KV_TB3 355854	31.90 -1.86 0.00	31.91 -0.88 0.00	32.07 -1.20 0.00	31.29 -1.37 0.00	31.40 -1.31 0.00	35.16 -0.94 0.00	48.28 -1.70 0.00	60.25 -3.92 0.00	51.17 -2.35 0.00	42.62 -1.55 0.00	40.68 -0.70 0.00	38.57 -0.55 -0.05	39.07 -0.47 -0.02	37.63 -0.61 -0.09	36.76 -1.41 -0.10	37.70 -2.40 -0.02	44.44 -3.39 0.00	57.91 -4.70 0.00	69.47 -4.36 0.00	70.06 -4.15 0.00	55.48 -2.80 0.00	48.40 -1.39 0.00	42.80 -1.42 0.00	39.76 -0.69 0.00
SENECA___ENERGY 23797	33.22 -0.54 0.00	32.53 -0.26 0.00	32.90 -0.37 0.00	32.31 -0.36 0.00	32.39 -0.33 0.00	35.96 -0.14 0.00	49.83 -0.15 0.00	63.91 -0.26 0.00	53.47 -0.05 0.00	44.17 0.00 0.00	41.55 0.17 0.00	39.35 0.24 -0.04	39.77 0.24 0.01	38.37 0.15 -0.07	38.04 -0.11 -0.08	39.74 -0.36 -0.02	47.35 -0.48 0.00	61.86 -0.75 0.00	74.17 -0.07 -0.43	74.29 -0.37 -0.45	58.00 -0.35 -0.08	49.54 -0.25 0.00	44.01 -0.26 -0.06	40.33 -0.12 0.00
SHOEMAKER___GT 23640	35.65 1.89 0.00	34.34 1.54 0.00	34.79 1.53 0.00	34.10 1.44 0.00	34.25 1.54 0.00	37.84 1.73 0.00	52.62 2.65 0.00	67.63 3.46 0.00	56.04 2.52 0.00	46.20 2.03 0.00	43.37 1.99 0.00	42.10 2.03 -0.99	41.92 2.05 -0.34	42.13 2.02 -1.96	42.20 2.09 -2.04	42.66 2.16 -0.42	50.32 2.49 0.00	65.93 3.32 0.00	77.93 3.98 -0.12	78.22 4.00 0.00	61.07 2.80 0.00	51.98 2.19 0.00	46.29 2.08 0.00	42.39 1.94 0.00
SHOEMAKR_138KV_BK 111 55601	35.65 1.89 0.00	34.34 1.54 0.00	34.79 1.53 0.00	34.10 1.44 0.00	34.25 1.54 0.00	37.91 1.81 0.00	52.63 2.65 0.00	67.69 3.53 0.00	56.10 2.57 0.00	46.29 2.12 0.00	43.58 2.19 0.00	42.12 2.07 -0.98	41.95 2.09 -0.33	42.18 2.10 -1.93	42.17 2.09 -2.00	42.70 2.20 -0.41	50.37 2.54 0.00	65.93 3.32 0.00	77.93 3.99 -0.12	78.22 4.01 0.00	61.07 2.80 0.00	51.98 2.19 0.00	46.29 2.08 0.00	42.39 1.94 0.00
SHOREHAM_IC_1 23715	36.26 2.50 0.00	34.54 1.74 0.00	35.16 1.90 0.00	34.49 1.83 0.00	34.61 1.90 0.00	37.91 1.80 0.00	52.12 2.15 0.00	66.59 2.44 0.01	55.01 1.50 0.01	46.02 1.85 0.00	43.20 1.82 0.00	39.79 1.88 1.16	36.03 1.90 5.39	35.19 1.76 4.72	35.30 2.02 4.79	37.99 2.04 4.14	50.35 2.53 0.01	65.67 3.07 0.00	72.40 1.77 3.19	78.14 3.93 0.00	60.60 2.33 0.01	51.48 1.69 0.00	45.35 1.15 0.01	41.82 1.38 0.00
SHOREHAM_IC_2 23716	36.26 2.50 0.00	34.54 1.74 0.00	35.16 1.90 0.00	34.49 1.83 0.00	34.61 1.90 0.00	38.41 2.31 0.00	52.22 2.25 0.00	67.04 2.89 0.01	55.33 1.82 0.01	46.20 2.03 0.00	43.82 2.44 0.00	39.79 1.88 1.16	36.03 1.90 5.39	35.26 1.83 4.72	35.31 2.02 4.79	37.99 2.04 4.14	50.35 2.54 0.01	65.74 3.13 0.00	72.40 1.77 3.19	78.14 3.93 0.00	60.60 2.33 0.00	51.43 1.64 0.00	45.36 1.15 0.00	41.82 1.38 0.00
SISSONVILLE____ 23735	34.06 0.30 0.00	33.22 0.43 0.00	33.53 0.27 0.00	32.99 0.33 0.00	33.11 0.39 0.00	36.43 0.32 0.00	50.37 0.40 0.00	64.55 0.38 0.00	54.01 0.48 0.00	44.39 0.22 0.00	41.80 0.41 0.00	39.58 0.51 0.00	40.08 0.55 0.00	38.61 0.46 0.00	38.42 0.34 0.00	40.81 0.72 0.00	48.36 0.53 0.00	63.36 0.75 0.00	74.34 0.52 0.00	75.18 0.96 0.00	59.56 1.28 0.00	51.18 1.39 0.00	45.49 1.28 0.00	41.30 0.85 0.00
SITHE_IND_GS1 24169	32.75 -1.01 0.00	31.91 -0.88 0.00	32.33 -0.93 0.00	31.75 -0.91 0.00	31.80 -0.92 0.00	35.13 -0.97 0.00	48.48 -1.50 0.00	62.24 -1.92 0.00	51.97 -1.55 0.00	42.93 -1.24 0.00	40.31 -1.08 0.00	38.02 -1.05 0.00	38.46 -1.07 0.00	37.12 -1.03 0.00	36.97 -1.11 0.00	38.84 -1.24 0.00	46.30 -1.53 0.00	60.55 -2.06 0.00	66.29 -2.29 5.24	66.35 -2.38 5.48	55.46 -1.87 0.94	48.25 -1.54 0.00	42.05 -1.42 0.75	39.20 -1.25 0.00
SITHE_IND_GS2 24170	32.75 -1.01 0.00	31.91 -0.88 0.00	32.33 -0.93 0.00	31.75 -0.91 0.00	31.80 -0.92 0.00	35.13 -0.97 0.00	48.48 -1.50 0.00	62.24 -1.92 0.00	51.97 -1.55 0.00	42.93 -1.24 0.00	40.31 -1.08 0.00	38.02 -1.05 0.00	38.46 -1.07 0.00	37.12 -1.03 0.00	36.97 -1.11 0.00	38.84 -1.24 0.00	46.30 -1.53 0.00	60.55 -2.06 0.00	66.29 -2.29 5.24	66.35 -2.38 5.48	55.46 -1.87 0.94	48.25 -1.54 0.00	42.05 -1.42 0.75	39.20 -1.25 0.00
SITHE_IND_GS3 24171	32.75 -1.01 0.00	31.91 -0.88 0.00	32.33 -0.93 0.00	31.75 -0.91 0.00	31.80 -0.92 0.00	35.13 -0.97 0.00	48.48 -1.50 0.00	62.24 -1.92 0.00	51.97 -1.55 0.00	42.93 -1.24 0.00	40.31 -1.08 0.00	38.02 -1.05 0.00	38.46 -1.07 0.00	37.12 -1.03 0.00	36.97 -1.11 0.00	38.84 -1.24 0.00	46.30 -1.53 0.00	60.55 -2.06 0.00	66.29 -2.29 5.24	66.35 -2.38 5.48	55.46 -1.87 0.94	48.25 -1.54 0.00	42.05 -1.42 0.75	39.20 -1.25 0.00
SITHE_IND_GS4 24172	32.75 -1.01 0.00	31.91 -0.88 0.00	32.33 -0.93 0.00	31.75 -0.91 0.00	31.80 -0.92 0.00	35.13 -0.97 0.00	48.48 -1.50 0.00	62.24 -1.92 0.00	51.97 -1.55 0.00	42.93 -1.24 0.00	40.31 -1.08 0.00	38.02 -1.05 0.00	38.46 -1.07 0.00	37.12 -1.03 0.00	36.97 -1.11 0.00	38.84 -1.24 0.00	46.30 -1.53 0.00	60.55 -2.06 0.00	66.29 -2.29 5.24	66.35 -2.38 5.48	55.46 -1.87 0.94	48.25 -1.54 0.00	42.05 -1.42 0.75	39.20 -1.25 0.00

SITHE___BATAVIA 24024	32.58 -1.18 0.00	32.44 -0.36 0.00	32.60 -0.66 0.00	31.95 -0.72 0.00	32.09 -0.62 0.00	35.85 -0.25 0.00	49.43 -0.55 0.00	62.37 -1.80 0.00	52.78 -0.75 0.00	43.86 -0.31 0.00	41.72 0.33 0.00	39.46 0.35 -0.04	39.93 0.40 -0.01	38.50 0.27 -0.08	37.59 -0.57 -0.08	38.62 -1.48 -0.02	45.87 -1.96 0.00	59.92 -2.69 0.00	71.90 -1.92 0.00	71.99 -2.22 0.00	56.99 -1.28 0.00	49.49 -0.30 0.00	43.59 -0.62 0.00	40.37 -0.08 0.00
SITHE___INDEPEND 23800	32.75 -1.01 0.00	31.91 -0.89 0.00	32.33 -0.93 0.00	31.75 -0.91 0.00	31.80 -0.92 0.00	35.09 -1.01 0.00	48.48 -1.50 0.00	62.17 -1.99 0.00	51.97 -1.55 0.00	42.89 -1.28 0.00	40.23 -1.16 0.00	38.02 -1.06 0.00	38.46 -1.07 0.00	37.04 -1.11 0.00	36.97 -1.10 0.00	38.80 -1.28 0.00	46.30 -1.53 0.00	60.55 -2.07 0.00	66.29 -2.29 5.24	66.35 -2.37 5.48	55.46 -1.86 0.94	48.25 -1.54 0.00	42.05 -1.41 0.75	39.20 -1.25 0.00
SITHE___MASSENA 23902	33.93 0.17 0.00	33.03 0.23 0.00	33.40 0.13 0.00	32.86 0.20 0.00	32.88 0.16 0.00	36.21 0.11 0.00	50.13 0.15 0.00	64.36 0.19 0.00	53.79 0.27 0.00	44.39 0.22 0.00	41.59 0.21 0.00	39.43 0.35 0.00	39.84 0.31 0.00	38.49 0.34 0.00	38.31 0.23 0.00	40.53 0.44 0.00	48.21 0.38 0.00	63.37 0.75 0.00	74.48 0.66 0.00	75.03 0.82 0.00	59.09 0.82 0.00	50.54 0.75 0.00	45.01 0.80 0.00	40.98 0.52 0.00
SITHE___OGDNSBRG 24021	34.37 0.61 0.00	33.52 0.72 0.00	33.83 0.57 0.00	33.25 0.59 0.00	33.40 0.69 0.00	36.75 0.65 0.00	50.97 1.00 0.00	65.38 1.22 0.00	54.60 1.07 0.00	44.70 0.53 0.00	41.92 0.54 0.00	39.70 0.63 0.00	40.16 0.63 0.00	38.72 0.57 0.00	38.53 0.46 0.00	40.93 0.84 0.00	48.74 0.91 0.00	64.24 1.63 0.00	75.59 1.77 0.00	76.51 2.30 0.00	60.31 2.04 0.00	51.68 1.89 0.00	45.94 1.72 0.00	41.71 1.25 0.00
SITHE___STERLING 23777	34.33 0.57 0.00	33.49 0.69 0.00	33.89 0.63 0.00	33.25 0.59 0.00	33.43 0.72 0.00	36.93 0.83 0.00	51.32 1.35 0.00	65.96 1.79 0.00	55.19 1.66 0.00	45.32 1.15 0.00	42.50 1.12 0.00	40.13 1.06 0.00	40.59 1.07 0.00	39.10 0.95 0.00	38.91 0.84 0.00	41.09 1.00 0.00	48.98 1.15 0.00	63.99 1.38 0.00	75.81 1.99 0.00	76.44 2.22 0.00	59.90 1.63 0.00	51.08 1.29 0.00	45.23 1.02 0.00	41.34 0.89 0.00
SLEIGHT__34_KV_TB1 80719	32.81 -0.95 0.00	32.24 -0.56 0.00	32.56 -0.70 0.00	31.98 -0.69 0.00	32.03 -0.69 0.00	35.53 -0.58 0.00	49.38 -0.60 0.00	63.26 -0.90 0.00	52.99 -0.54 0.00	43.95 -0.22 0.00	41.14 -0.25 0.00	39.26 0.16 -0.03	39.65 0.12 -0.01	38.14 -0.08 -0.06	37.88 -0.27 -0.07	39.46 -0.64 -0.01	46.97 -0.86 0.00	61.36 -1.25 0.00	73.29 -0.74 -0.21	73.32 -1.11 -0.22	57.44 -0.87 -0.04	49.24 -0.55 0.00	43.53 -0.71 -0.03	39.97 -0.49 0.00
SMITHTWN_69_KV_BK 1 55830	36.29 2.53 0.00	34.60 1.80 0.00	35.19 1.93 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.45 2.35 0.00	52.32 2.35 0.00	67.23 3.08 0.01	55.55 2.03 0.01	46.37 2.21 0.00	44.07 2.69 0.00	39.56 2.38 1.90	34.83 2.45 7.14	33.60 2.37 6.91	33.52 2.47 7.03	37.11 2.57 5.54	50.50 2.68 0.01	65.80 3.19 0.00	73.46 2.81 3.16	78.14 3.93 0.00	60.66 2.39 0.00	51.53 1.74 0.00	45.80 1.59 0.00	42.59 2.14 0.00
SOUTH CAIRO___GT 23612	35.21 1.45 0.00	34.04 1.25 0.00	34.53 1.26 0.00	33.87 1.21 0.00	34.41 1.70 0.00	38.12 2.02 0.00	53.22 3.25 0.00	68.46 4.30 0.00	56.04 2.52 0.00	45.49 1.33 0.00	42.17 0.79 0.00	39.24 0.20 0.03	39.71 0.20 0.01	38.48 0.38 0.05	38.51 0.49 0.06	40.79 0.72 0.01	49.17 1.34 0.00	65.18 2.57 0.00	76.55 2.73 0.01	77.03 2.82 0.00	60.31 2.04 0.00	51.28 1.49 0.00	45.49 1.28 0.00	41.63 1.17 0.00
SOUTH HAMPTN___IC 23720	36.26 2.50 0.00	34.54 1.74 0.00	35.16 1.90 0.00	34.53 1.86 0.00	34.64 1.93 0.00	37.94 1.84 0.00	52.07 2.10 0.00	66.53 2.38 0.01	55.01 1.50 0.01	45.98 1.81 0.00	43.16 1.78 0.00	39.82 1.88 1.13	36.06 1.86 5.32	35.27 1.76 4.63	35.39 2.02 4.70	38.08 2.08 4.08	50.30 2.49 0.01	65.74 3.13 0.00	72.69 2.06 3.20	78.29 4.08 0.00	60.72 2.45 0.01	51.58 1.79 0.00	45.53 1.33 0.01	42.15 1.70 0.00
SOUTHDOW_115KV_TB1 355954	32.14 -1.62 0.00	32.11 -0.69 0.00	32.40 -0.86 0.00	31.55 -1.11 0.00	31.73 -0.98 0.00	35.27 -0.83 0.00	49.18 -0.80 0.00	61.66 -2.50 0.00	52.03 -1.50 0.00	43.24 -0.93 0.00	40.64 -0.74 0.00	39.20 0.08 -0.05	39.66 0.12 -0.02	37.87 -0.38 -0.10	37.42 -0.76 -0.10	38.30 -1.80 -0.02	45.15 -2.68 0.00	59.17 -3.44 0.00	71.75 -2.07 0.00	72.36 -1.86 0.00	57.05 -1.22 0.00	49.74 -0.05 0.00	44.04 -0.18 0.00	40.86 0.40 0.00
SOUTHOLD_69_KV_BK 2 55809	36.09 2.33 0.00	34.34 1.54 0.00	34.99 1.73 0.00	34.36 1.70 0.00	34.51 1.80 0.00	38.27 2.17 0.00	51.77 1.80 0.00	66.53 2.37 0.01	54.96 1.45 0.01	45.71 1.55 0.00	43.41 2.03 0.00	39.39 1.45 1.13	35.66 1.46 5.32	34.93 1.41 4.63	35.01 1.64 4.70	37.73 1.72 4.08	49.97 2.15 0.01	65.36 2.75 0.00	72.32 1.70 3.20	77.99 3.78 0.00	60.55 2.27 0.00	51.43 1.64 0.00	45.45 1.24 0.00	42.23 1.78 0.00
SOUTHOLD___IC 23719	36.09 2.33 0.00	34.34 1.54 0.00	34.99 1.73 0.00	34.36 1.70 0.00	34.51 1.80 0.00	37.84 1.73 0.00	51.67 1.70 0.00	66.01 1.86 0.01	54.64 1.13 0.01	45.58 1.41 0.00	42.75 1.36 0.00	39.39 1.45 1.13	35.66 1.46 5.32	34.89 1.37 4.63	35.01 1.64 4.70	37.72 1.72 4.08	49.97 2.15 0.01	65.36 2.75 0.00	72.39 1.77 3.20	77.99 3.78 0.00	60.54 2.27 0.01	51.48 1.69 0.00	45.44 1.24 0.01	42.23 1.78 0.00
SOUTH_FORK_WT_PWR 323839	35.75 1.99 0.00	34.01 1.21 0.00	34.66 1.40 0.00	34.04 1.37 0.00	34.15 1.44 0.00	37.44 1.34 0.00	50.92 0.95 0.00	65.12 0.96 0.01	53.89 0.38 0.01	44.92 0.75 0.00	42.17 0.78 0.00	38.84 0.90 1.13	35.07 0.87 5.32	34.28 0.76 4.63	34.48 1.10 4.70	37.16 1.16 4.08	49.25 1.43 0.01	64.48 1.88 0.00	71.36 0.74 3.20	77.10 2.89 0.00	59.90 1.63 0.01	50.93 1.15 0.00	45.00 0.80 0.01	41.95 1.50 0.00
SPIERFLS_115KV_TB 1 80737	34.87 1.11 0.00	33.78 0.98 0.00	34.36 1.10 0.00	33.81 1.14 0.00	33.79 1.08 0.00	37.33 1.23 0.00	51.77 1.80 0.00	66.86 2.69 0.00	55.50 1.98 0.00	45.36 1.19 0.00	42.05 0.66 0.00	39.39 0.39 0.08	39.89 0.40 0.03	38.49 0.50 0.15	38.60 0.69 0.16	40.89 0.84 0.03	49.27 1.43 0.00	64.74 2.13 0.00	76.32 2.51 0.01	76.36 2.15 0.00	59.85 1.57 0.00	50.84 1.05 0.00	45.14 0.93 0.00	41.34 0.89 0.00
ST LAWRENCE____ 23600	33.66 -0.10 0.00	32.73 -0.07 0.00	33.16 -0.10 0.00	32.60 -0.07 0.00	32.61 -0.10 0.00	35.96 -0.14 0.00	49.78 -0.20 0.00	63.84 -0.32 0.00	53.31 -0.21 0.00	43.99 -0.18 0.00	41.22 -0.16 0.00	39.04 -0.04 0.00	39.44 -0.08 0.00	38.11 -0.04 0.00	38.04 -0.04 0.00	40.12 0.04 0.00	47.78 -0.05 0.00	62.74 0.13 0.00	73.82 0.00 0.00	74.29 0.07 0.00	58.45 0.18 0.00	49.94 0.15 0.00	44.43 0.22 0.00	40.53 0.08 0.00

STATE_CA_115KV_115_LB 55624	34.57 0.81 0.00	33.42 0.62 0.00	33.93 0.67 0.00	33.32 0.65 0.00	33.33 0.62 0.00	36.86 0.76 0.00	50.82 0.85 0.00	65.45 1.28 0.00	54.43 0.91 0.00	44.79 0.62 0.00	41.84 0.46 0.00	39.07 0.08 0.09	39.61 0.12 0.03	38.25 0.27 0.17	38.36 0.46 0.18	40.53 0.48 0.04	48.69 0.86 0.00	63.68 1.06 0.00	74.77 0.96 0.01	74.88 0.67 0.00	58.80 0.52 0.00	50.09 0.30 0.00	44.43 0.22 0.00	40.74 0.28 0.00
STATE_ST_34_KV_LOAD 55959	33.45 -0.30 0.00	32.67 -0.13 0.00	33.06 -0.20 0.00	32.47 -0.20 0.00	32.52 -0.20 0.00	36.03 -0.07 0.00	49.97 0.00 0.00	64.23 0.06 0.00	53.63 0.11 0.00	44.21 0.04 0.00	41.43 0.04 0.00	39.31 0.20 -0.04	39.73 0.20 -0.01	38.30 0.08 -0.07	38.15 0.00 -0.08	39.98 -0.12 -0.02	47.64 -0.19 0.00	62.36 -0.25 0.00	74.67 0.37 -0.48	74.86 0.15 -0.50	58.36 0.00 -0.09	49.79 0.00 0.00	44.15 -0.13 -0.07	40.37 -0.08 0.00
STATION_5_MISC_HYD 23604	32.88 -0.88 0.00	32.47 -0.33 0.00	32.73 -0.53 0.00	32.08 -0.59 0.00	32.19 -0.52 0.00	35.85 -0.25 0.00	49.52 -0.45 0.00	63.13 -1.03 0.00	53.15 -0.37 0.00	44.17 0.00 0.00	41.76 0.37 0.00	39.50 0.39 -0.03	39.97 0.44 -0.01	38.56 0.34 -0.06	37.95 -0.19 -0.07	39.33 -0.76 -0.01	46.87 -0.96 0.00	61.17 -1.44 0.00	72.94 -0.88 0.00	72.88 -1.33 0.00	57.46 -0.82 0.00	49.49 -0.30 0.00	43.68 -0.53 0.00	40.25 -0.20 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.02 -0.74 0.00	32.44 -0.36 0.00	32.76 -0.50 0.00	32.14 -0.52 0.00	32.22 -0.49 0.00	35.74 -0.36 0.00	49.62 -0.35 0.00	63.52 -0.64 0.00	53.20 -0.32 0.00	44.13 -0.04 0.00	41.34 -0.04 0.00	39.46 0.35 -0.03	39.85 0.32 -0.01	38.29 0.08 -0.07	38.03 -0.11 -0.07	39.58 -0.52 -0.01	47.21 -0.62 0.00	61.61 -1.00 0.00	73.67 -0.37 -0.22	73.70 -0.74 -0.23	57.73 -0.58 -0.04	49.49 -0.30 0.00	43.85 -0.40 -0.03	40.21 -0.24 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.71 -1.05 0.00	32.27 -0.52 0.00	32.56 -0.70 0.00	31.91 -0.75 0.00	31.99 -0.72 0.00	35.45 -0.65 0.00	49.18 -0.80 0.00	62.75 -1.41 0.00	52.67 -0.86 0.00	43.77 -0.40 0.00	41.01 -0.37 0.00	39.22 0.12 -0.03	39.61 0.08 -0.01	38.06 -0.15 -0.06	37.72 -0.42 -0.07	39.14 -0.96 -0.01	46.63 -1.20 0.00	60.86 -1.75 0.00	72.49 -1.33 0.00	72.50 -1.71 0.00	57.11 -1.17 0.00	49.19 -0.60 0.00	43.42 -0.80 0.00	39.97 -0.49 0.00
STA_56___34_KV_BUS2 355983	32.71 -1.05 0.00	32.27 -0.52 0.00	32.56 -0.70 0.00	31.91 -0.75 0.00	31.99 -0.72 0.00	35.45 -0.65 0.00	49.18 -0.80 0.00	62.75 -1.41 0.00	52.67 -0.86 0.00	43.77 -0.40 0.00	41.01 -0.37 0.00	39.22 0.12 -0.03	39.61 0.08 -0.01	38.06 -0.15 -0.06	37.72 -0.42 -0.07	39.14 -0.96 -0.01	46.63 -1.20 0.00	60.86 -1.75 0.00	72.49 -1.33 0.00	72.50 -1.71 0.00	57.11 -1.17 0.00	49.19 -0.60 0.00	43.42 -0.80 0.00	39.97 -0.49 0.00
STA_67___115KV_BK2 355882	32.85 -0.91 0.00	32.40 -0.39 0.00	32.70 -0.57 0.00	32.04 -0.62 0.00	32.12 -0.59 0.00	35.60 -0.51 0.00	49.38 -0.60 0.00	62.94 -1.22 0.00	52.83 -0.70 0.00	43.90 -0.27 0.00	41.14 -0.25 0.00	39.38 0.27 -0.03	39.77 0.24 -0.01	38.18 -0.04 -0.06	37.84 -0.30 -0.07	39.26 -0.84 -0.01	46.73 -1.10 0.00	60.98 -1.63 0.00	72.71 -1.11 0.00	72.73 -1.48 0.00	57.28 -0.99 0.00	49.39 -0.40 0.00	43.59 -0.62 0.00	40.17 -0.28 0.00
STA_7___115KV_9TRANS 80674	32.98 -0.78 0.00	32.57 -0.23 0.00	32.83 -0.43 0.00	32.17 -0.49 0.00	32.29 -0.43 0.00	35.78 -0.32 0.00	49.67 -0.30 0.00	63.39 -0.77 0.00	53.20 -0.32 0.00	44.26 0.09 0.00	41.51 0.12 0.00	39.73 0.63 -0.03	40.09 0.55 -0.01	38.52 0.31 -0.06	38.14 0.00 -0.07	39.54 -0.56 -0.01	47.16 -0.67 0.00	61.55 -1.06 0.00	73.38 -0.44 0.00	73.32 -0.89 0.00	57.75 -0.52 0.00	49.74 -0.05 0.00	43.90 -0.31 0.00	40.41 -0.04 0.00
STA_82___115KV_TB1 80780	32.85 -0.91 0.00	32.44 -0.36 0.00	32.70 -0.57 0.00	32.04 -0.62 0.00	32.12 -0.59 0.00	35.60 -0.51 0.00	49.38 -0.60 0.00	62.94 -1.22 0.00	52.83 -0.70 0.00	43.95 -0.22 0.00	41.18 -0.21 0.00	39.42 0.31 -0.03	39.77 0.24 -0.01	38.18 -0.04 -0.07	37.88 -0.27 -0.07	39.26 -0.84 -0.01	46.78 -1.05 0.00	60.98 -1.63 0.00	72.71 -1.11 0.00	72.73 -1.48 0.00	57.34 -0.93 0.00	49.39 -0.40 0.00	43.59 -0.62 0.00	40.17 -0.28 0.00
STEEL___WIND 323596	31.87 -1.89 0.00	31.88 -0.92 0.00	32.03 -1.23 0.00	31.26 -1.40 0.00	31.37 -1.34 0.00	35.13 -0.97 0.00	48.22 -1.75 0.00	60.18 -3.98 0.00	51.12 -2.41 0.00	42.58 -1.59 0.00	40.64 -0.74 0.00	38.50 -0.63 -0.05	39.02 -0.51 -0.02	37.59 -0.65 -0.09	36.73 -1.45 -0.10	37.66 -2.45 -0.02	44.39 -3.44 0.00	57.85 -4.76 0.00	69.47 -4.36 0.00	69.98 -4.23 0.00	55.42 -2.85 0.00	48.34 -1.45 0.00	42.71 -1.50 0.00	39.73 -0.73 0.00
STEPHTWN_115KV_BK_2 55603	34.67 0.91 0.00	33.55 0.75 0.00	34.03 0.77 0.00	33.42 0.75 0.00	33.43 0.72 0.00	36.97 0.87 0.00	51.02 1.05 0.00	65.77 1.60 0.00	54.65 1.12 0.00	44.96 0.80 0.00	41.97 0.58 0.00	39.18 0.20 0.09	39.69 0.20 0.03	38.32 0.34 0.17	38.47 0.57 0.18	40.65 0.60 0.04	48.88 1.05 0.00	63.99 1.38 0.00	75.14 1.33 0.01	75.25 1.04 0.00	59.09 0.82 0.00	50.29 0.50 0.00	44.65 0.44 0.00	40.90 0.44 0.00
STEUBEN_REC_LFGE 323667	31.77 -1.99 0.00	31.58 -1.21 0.00	31.83 -1.43 0.00	31.19 -1.47 0.00	31.27 -1.44 0.00	34.80 -1.30 0.00	48.48 -1.50 0.00	61.66 -2.50 0.00	51.54 -1.98 0.00	42.62 -1.55 0.00	39.98 -1.41 0.00	38.43 -0.70 -0.06	38.75 -0.79 -0.02	37.20 -1.07 -0.12	36.95 -1.26 -0.13	38.19 -1.92 -0.03	45.34 -2.49 0.00	59.48 -3.13 0.00	71.76 -2.07 -0.01	71.76 -2.45 0.00	56.58 -1.69 0.00	48.89 -0.90 0.00	43.33 -0.88 0.00	40.09 -0.36 0.00
STILLWATER___SOLAR 323814	35.14 1.38 0.00	34.04 1.25 0.00	34.59 1.33 0.00	34.04 1.37 0.00	34.02 1.31 0.00	37.55 1.45 0.00	52.12 2.15 0.00	67.12 2.95 0.00	55.77 2.25 0.00	45.76 1.59 0.00	42.42 1.04 0.00	39.70 0.70 0.08	40.25 0.75 0.03	38.72 0.72 0.16	38.90 0.99 0.16	41.21 1.16 0.03	49.69 1.86 0.00	65.18 2.57 0.00	76.77 2.96 0.01	76.81 2.60 0.00	60.31 2.04 0.00	51.33 1.55 0.00	45.54 1.33 0.00	41.66 1.21 0.00
STONY___BROOK 24151	36.29 2.53 0.00	34.60 1.80 0.00	35.19 1.93 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.09 1.98 0.00	52.22 2.25 0.00	66.72 2.57 0.01	55.23 1.71 0.01	46.20 2.03 0.00	43.41 2.03 0.00	39.98 2.34 1.44	35.84 2.37 6.06	34.85 2.25 5.55	34.88 2.44 5.64	37.94 2.53 4.67	50.45 2.63 0.01	65.67 3.07 0.00	73.23 2.58 3.17	78.06 3.86 0.00	60.72 2.45 0.01	51.53 1.74 0.00	45.75 1.55 0.01	42.51 2.06 0.00
STURGEON_POOL_HYD 23609	35.75 1.99 0.00	34.37 1.57 0.00	34.86 1.60 0.00	34.17 1.50 0.00	34.28 1.57 0.00	37.94 1.84 0.00	52.72 2.75 0.00	68.01 3.85 0.00	56.31 2.78 0.00	46.47 2.30 0.00	43.70 2.32 0.00	41.28 2.07 -0.13	41.70 2.13 -0.04	40.54 2.14 -0.26	40.48 2.13 -0.27	42.38 2.24 -0.05	50.60 2.77 0.00	66.24 3.63 0.00	77.88 4.06 0.00	78.44 4.23 0.00	61.25 2.97 0.00	52.18 2.39 0.00	46.51 2.30 0.00	42.56 2.10 0.00

ST_LAW_115_BK7_LBMP 345037	33.66 -0.10 0.00	32.73 -0.07 0.00	33.13 -0.13 0.00	32.60 -0.07 0.00	32.61 -0.10 0.00	35.96 -0.14 0.00	49.73 -0.25 0.00	63.84 -0.32 0.00	53.31 -0.21 0.00	43.99 -0.18 0.00	41.22 -0.16 0.00	39.04 -0.04 0.00	39.44 -0.08 0.00	38.11 -0.04 0.00	38.00 -0.08 0.00	40.16 0.08 0.00	47.78 -0.05 0.00	62.74 0.13 0.00	73.82 0.00 0.00	74.36 0.15 0.00	58.45 0.18 0.00	49.99 0.20 0.00	44.48 0.27 0.00	40.53 0.08 0.00
ST_LAW_115_BK8_LBMP 345038	33.66 -0.10 0.00	32.73 -0.07 0.00	33.13 -0.13 0.00	32.60 -0.07 0.00	32.61 -0.10 0.00	35.96 -0.14 0.00	49.73 -0.25 0.00	63.84 -0.32 0.00	53.31 -0.21 0.00	43.99 -0.18 0.00	41.22 -0.16 0.00	39.04 -0.04 0.00	39.44 -0.08 0.00	38.11 -0.04 0.00	38.00 -0.08 0.00	40.16 0.08 0.00	47.78 -0.05 0.00	62.74 0.13 0.00	73.82 0.00 0.00	74.36 0.15 0.00	58.45 0.18 0.00	49.99 0.20 0.00	44.48 0.27 0.00	40.53 0.08 0.00
ST_LAW_230_BK5_LBMP 345035	33.66 -0.10 0.00	32.73 -0.07 0.00	33.16 -0.10 0.00	32.60 -0.07 0.00	32.61 -0.10 0.00	35.96 -0.14 0.00	49.78 -0.20 0.00	63.84 -0.32 0.00	53.31 -0.21 0.00	43.99 -0.18 0.00	41.22 -0.16 0.00	39.04 -0.04 0.00	39.44 -0.08 0.00	38.11 -0.04 0.00	38.04 -0.04 0.00	40.12 0.04 0.00	47.78 -0.05 0.00	62.74 0.13 0.00	73.82 0.00 0.00	74.29 0.07 0.00	58.45 0.18 0.00	49.94 0.15 0.00	44.43 0.22 0.00	40.53 0.08 0.00
ST_LAW_230_BK6_LBMP 345036	33.66 -0.10 0.00	32.73 -0.07 0.00	33.16 -0.10 0.00	32.60 -0.07 0.00	32.61 -0.10 0.00	35.96 -0.14 0.00	49.78 -0.20 0.00	63.84 -0.32 0.00	53.31 -0.21 0.00	43.99 -0.18 0.00	41.22 -0.16 0.00	39.04 -0.04 0.00	39.44 -0.08 0.00	38.11 -0.04 0.00	38.04 -0.04 0.00	40.12 0.04 0.00	47.78 -0.05 0.00	62.74 0.13 0.00	73.82 0.00 0.00	74.29 0.07 0.00	58.45 0.18 0.00	49.94 0.15 0.00	44.43 0.22 0.00	40.53 0.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.82 2.06 0.00	34.44 1.64 0.00	34.93 1.66 0.00	34.23 1.57 0.00	34.35 1.64 0.00	38.05 1.95 0.00	52.83 2.85 0.00	68.02 3.85 0.00	56.36 2.84 0.00	46.51 2.34 0.00	43.83 2.44 0.00	42.42 2.31 -1.04	42.21 2.33 -0.36	42.54 2.33 -2.06	42.58 2.36 -2.14	42.97 2.45 -0.44	50.61 2.77 0.00	66.25 3.63 0.00	78.23 4.28 -0.13	78.59 4.38 0.00	61.30 3.03 0.00	52.18 2.39 0.00	46.47 2.25 0.00	42.56 2.10 0.00
SWANROAD_115KV_TB1 355699	31.46 -2.30 0.00	31.36 -1.44 0.00	31.47 -1.80 0.00	30.70 -1.96 0.00	30.98 -1.73 0.00	34.15 -1.95 0.00	47.03 -2.95 0.00	58.65 -5.52 0.00	49.62 -3.91 0.00	41.61 -2.56 0.00	38.90 -2.48 0.00	37.79 -1.33 -0.04	38.08 -1.46 -0.01	36.37 -1.87 -0.09	35.96 -2.21 -0.09	36.81 -3.29 -0.02	43.43 -4.40 0.00	56.35 -6.26 0.00	67.55 -6.27 0.00	67.90 -6.31 0.00	53.96 -4.31 0.00	47.20 -2.59 0.00	41.69 -2.52 0.00	38.87 -1.58 0.00
SYNERGY___BIOGAS 323694	32.58 -1.18 0.00	32.44 -0.36 0.00	32.60 -0.67 0.00	31.88 -0.78 0.00	32.09 -0.62 0.00	35.53 -0.58 0.00	49.33 -0.65 0.00	62.30 -1.86 0.00	52.40 -1.12 0.00	43.68 -0.49 0.00	40.89 -0.50 0.00	39.47 0.35 -0.04	39.77 0.24 -0.01	38.04 -0.19 -0.08	37.59 -0.57 -0.08	38.62 -1.48 -0.02	45.87 -1.96 0.00	59.86 -2.75 0.00	71.97 -1.85 0.00	71.99 -2.23 0.00	56.93 -1.34 0.00	49.49 -0.30 0.00	43.59 -0.62 0.00	40.37 -0.08 0.00
SYRACUSE___ENERGY_ST1 323597	33.42 -0.34 0.00	32.57 -0.23 0.00	33.00 -0.27 0.00	32.40 -0.26 0.00	32.45 -0.26 0.00	35.89 -0.22 0.00	49.72 -0.25 0.00	63.91 -0.26 0.00	53.36 -0.16 0.00	44.04 -0.13 0.00	41.30 -0.08 0.00	39.14 0.04 -0.03	39.53 0.00 -0.01	38.13 -0.08 -0.06	38.02 -0.11 -0.06	39.90 -0.20 -0.01	47.50 -0.33 0.00	62.11 -0.50 0.00	74.21 -0.22 -0.61	74.48 -0.37 -0.64	57.98 -0.41 -0.11	49.44 -0.35 0.00	43.95 -0.35 -0.09	40.17 -0.28 0.00
SYRACUSE___ENERGY_ST2 323598	33.42 -0.34 0.00	32.57 -0.23 0.00	33.00 -0.27 0.00	32.40 -0.26 0.00	32.45 -0.26 0.00	35.89 -0.22 0.00	49.72 -0.25 0.00	63.91 -0.26 0.00	53.36 -0.16 0.00	44.04 -0.13 0.00	41.30 -0.08 0.00	39.14 0.04 -0.03	39.53 0.00 -0.01	38.13 -0.08 -0.06	38.02 -0.11 -0.06	39.90 -0.20 -0.01	47.50 -0.33 0.00	62.11 -0.50 0.00	74.21 -0.22 -0.61	74.48 -0.37 -0.64	57.98 -0.41 -0.11	49.44 -0.35 0.00	43.95 -0.35 -0.09	40.17 -0.28 0.00
SYRACUSE___POWER 24017	33.35 -0.41 0.00	32.50 -0.30 0.00	32.93 -0.33 0.00	32.34 -0.33 0.00	32.39 -0.33 0.00	35.81 -0.29 0.00	49.67 -0.30 0.00	63.78 -0.38 0.00	53.26 -0.27 0.00	43.95 -0.22 0.00	41.22 -0.17 0.00	39.07 -0.04 -0.03	39.46 -0.08 -0.01	38.06 -0.15 -0.06	37.95 -0.19 -0.07	39.82 -0.28 -0.01	47.40 -0.43 0.00	61.99 -0.63 0.00	73.72 -0.30 -0.20	73.97 -0.45 -0.21	57.84 -0.47 -0.04	49.39 -0.40 0.00	43.84 -0.40 -0.03	40.13 -0.32 0.00
TALLMAN__138KV_BK151 55660	35.99 2.23 0.00	34.57 1.77 0.00	35.03 1.76 0.00	34.33 1.67 0.00	34.45 1.73 0.00	38.16 2.06 0.00	52.98 3.00 0.00	68.21 4.04 0.00	56.58 3.05 0.00	46.73 2.56 0.00	44.08 2.69 0.00	42.78 2.54 -1.17	42.49 2.57 -0.40	43.01 2.56 -2.31	43.06 2.59 -2.40	43.26 2.69 -0.49	50.85 3.01 0.00	66.50 3.88 0.00	78.54 4.58 -0.14	78.82 4.60 0.00	61.48 3.21 0.00	52.33 2.54 0.00	46.60 2.39 0.00	42.68 2.22 0.00
TEALLAVE_115KV_TB7 355573	33.25 -0.51 0.00	32.44 -0.36 0.00	32.86 -0.40 0.00	32.27 -0.39 0.00	32.32 -0.39 0.00	35.71 -0.40 0.00	49.47 -0.50 0.00	63.52 -0.64 0.00	53.10 -0.43 0.00	43.86 -0.31 0.00	41.10 -0.29 0.00	38.94 -0.16 -0.03	39.37 -0.16 -0.01	37.97 -0.23 -0.05	37.86 -0.27 -0.05	39.69 -0.40 -0.01	47.26 -0.57 0.00	61.80 -0.81 0.00	73.42 -0.59 -0.19	73.66 -0.74 -0.19	57.61 -0.70 -0.03	49.24 -0.55 0.00	43.66 -0.57 -0.03	39.97 -0.49 0.00
TELGRAPH_34_KV_EAST 80808	32.07 -1.69 0.00	32.01 -0.79 0.00	32.13 -1.13 0.00	31.39 -1.27 0.00	31.60 -1.11 0.00	34.95 -1.16 0.00	48.33 -1.65 0.00	60.63 -3.53 0.00	51.17 -2.36 0.00	42.80 -1.37 0.00	40.06 -1.32 0.00	38.76 -0.35 -0.04	39.10 -0.43 -0.01	37.35 -0.88 -0.08	36.90 -1.26 -0.08	37.86 -2.24 -0.02	44.82 -3.01 0.00	58.35 -4.26 0.00	69.98 -3.84 0.00	70.20 -4.01 0.00	55.65 -2.62 0.00	48.50 -1.29 0.00	42.80 -1.41 0.00	39.76 -0.69 0.00
TEMPLE___115KV_TB 2 55572	33.29 -0.47 0.00	32.44 -0.36 0.00	32.86 -0.40 0.00	32.27 -0.39 0.00	32.32 -0.39 0.00	35.74 -0.36 0.00	49.52 -0.45 0.00	63.59 -0.58 0.00	53.10 -0.43 0.00	43.86 -0.31 0.00	41.14 -0.25 0.00	38.98 -0.12 -0.03	39.37 -0.16 -0.01	37.97 -0.23 -0.05	37.86 -0.27 -0.06	39.73 -0.36 -0.01	47.30 -0.53 0.00	61.80 -0.81 0.00	73.38 -0.59 -0.15	73.63 -0.74 -0.16	57.66 -0.64 -0.03	49.24 -0.55 0.00	43.66 -0.57 -0.02	40.01 -0.44 0.00
TIANA____69_KV_BK 1 55817	36.29 2.53 0.00	34.57 1.77 0.00	35.19 1.93 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.45 2.35 0.00	52.27 2.30 0.00	67.10 2.95 0.01	55.44 1.93 0.01	46.20 2.03 0.00	43.86 2.48 0.00	39.90 1.95 1.13	36.18 1.98 5.32	35.42 1.91 4.63	35.47 2.09 4.70	38.17 2.16 4.08	50.40 2.58 0.01	65.86 3.26 0.00	72.76 2.14 3.20	78.36 4.16 0.00	60.72 2.45 0.00	51.58 1.79 0.00	45.58 1.37 0.00	42.15 1.70 0.00

TILDEN___115KV_TB1 80814	33.35 -0.41 0.00	32.50 -0.30 0.00	32.93 -0.33 0.00	32.34 -0.33 0.00	32.39 -0.33 0.00	35.81 -0.29 0.00	49.67 -0.30 0.00	63.78 -0.38 0.00	53.26 -0.27 0.00	43.95 -0.22 0.00	41.22 -0.17 0.00	39.07 -0.04 -0.03	39.46 -0.08 -0.01	38.06 -0.15 -0.06	37.95 -0.19 -0.07	39.82 -0.28 -0.01	47.40 -0.43 0.00	61.99 -0.63 0.00	73.72 -0.30 -0.20	73.97 -0.45 -0.21	57.84 -0.47 -0.04	49.39 -0.40 0.00	43.84 -0.40 -0.03	40.13 -0.32 0.00
TRIGEN___CC 323695	36.09 2.33 0.00	34.50 1.71 0.00	35.03 1.76 0.00	34.36 1.70 0.00	34.51 1.80 0.00	38.23 2.13 0.00	52.62 2.65 0.00	67.81 3.66 0.01	56.09 2.57 0.01	46.64 2.47 0.00	44.20 2.81 0.00	43.19 2.81 -1.30	42.73 2.77 -0.44	43.51 2.78 -2.58	43.65 2.89 -2.68	43.59 2.97 -0.54	50.89 3.06 0.01	66.18 3.57 0.00	76.96 3.84 0.70	78.44 4.23 0.00	60.78 2.51 0.00	51.73 1.94 0.00	46.16 1.95 0.00	42.74 2.27 -0.02
TRINITY__115KV__4 BK 55933	34.40 0.64 0.00	33.26 0.46 0.00	33.76 0.50 0.00	33.15 0.49 0.00	33.17 0.46 0.00	36.64 0.54 0.00	50.52 0.55 0.00	65.00 0.83 0.00	54.06 0.54 0.00	44.57 0.40 0.00	41.63 0.25 0.00	38.87 -0.12 0.09	39.38 -0.12 0.03	38.05 0.08 0.17	38.16 0.27 0.18	40.29 0.24 0.04	48.40 0.57 0.00	63.30 0.69 0.00	74.33 0.52 0.01	74.43 0.22 0.00	58.45 0.17 0.00	49.79 0.00 0.00	44.21 0.00 0.00	40.53 0.08 0.00
UNION___PROCESSING_DRP 323587	32.85 -0.91 0.00	32.44 -0.36 0.00	32.70 -0.57 0.00	32.04 -0.62 0.00	32.16 -0.56 0.00	35.60 -0.51 0.00	49.38 -0.60 0.00	62.94 -1.22 0.00	52.83 -0.70 0.00	43.95 -0.22 0.00	41.18 -0.21 0.00	39.42 0.31 -0.03	39.77 0.24 -0.01	38.21 0.00 -0.07	37.88 -0.27 -0.07	39.26 -0.84 -0.01	46.78 -1.05 0.00	61.05 -1.57 0.00	72.79 -1.03 0.00	72.73 -1.48 0.00	57.34 -0.93 0.00	49.39 -0.40 0.00	43.64 -0.57 0.00	40.17 -0.28 0.00
UPPER HUDSON___HYD 24058	34.87 1.11 0.00	33.78 0.98 0.00	34.36 1.10 0.00	33.81 1.14 0.00	33.79 1.08 0.00	37.29 1.19 0.00	51.77 1.80 0.00	66.79 2.63 0.00	55.45 1.92 0.00	45.32 1.15 0.00	41.96 0.58 0.00	39.39 0.39 0.08	39.93 0.44 0.03	38.42 0.42 0.15	38.60 0.69 0.16	40.89 0.84 0.03	49.26 1.43 0.00	64.74 2.13 0.00	76.32 2.51 0.01	76.36 2.15 0.00	59.85 1.57 0.00	50.84 1.05 0.00	45.14 0.93 0.00	41.34 0.89 0.00
UPPER RAQUET___HYD 24056	34.06 0.30 0.00	33.22 0.43 0.00	33.53 0.26 0.00	32.99 0.33 0.00	33.11 0.39 0.00	36.43 0.32 0.00	50.37 0.40 0.00	64.55 0.39 0.00	54.01 0.48 0.00	44.39 0.22 0.00	41.80 0.41 0.00	39.58 0.51 0.00	40.00 0.48 0.00	38.61 0.46 0.00	38.42 0.34 0.00	40.81 0.72 0.00	48.36 0.53 0.00	63.37 0.75 0.00	74.34 0.52 0.00	75.17 0.96 0.00	59.55 1.28 0.00	51.18 1.39 0.00	45.50 1.28 0.00	41.30 0.85 0.00
VALLEY44_115KV_TB2 355964	31.77 -1.99 0.00	31.58 -1.21 0.00	31.77 -1.50 0.00	31.03 -1.63 0.00	31.18 -1.54 0.00	34.62 -1.48 0.00	48.13 -1.85 0.00	60.31 -3.85 0.00	50.63 -2.89 0.00	41.96 -2.21 0.00	39.61 -1.78 0.00	38.19 -0.94 -0.05	38.51 -1.03 -0.02	36.88 -1.37 -0.10	36.51 -1.68 -0.11	37.50 -2.61 -0.02	44.20 -3.64 0.00	57.85 -4.76 0.00	69.83 -3.99 0.00	70.35 -3.86 0.00	55.36 -2.91 0.00	47.95 -1.84 0.00	42.49 -1.72 0.00	39.44 -1.01 0.00
VALLEY___115KV_TB 1-4 80826	34.67 0.91 0.00	33.68 0.89 0.00	34.13 0.86 0.00	33.51 0.85 0.00	33.66 0.95 0.00	37.15 1.05 0.00	51.47 1.50 0.00	66.09 1.92 0.00	55.18 1.66 0.00	45.45 1.28 0.00	42.67 1.28 0.00	40.25 1.17 0.00	40.67 1.15 0.00	39.22 1.07 0.00	39.14 1.07 0.00	41.25 1.16 0.00	49.17 1.34 0.00	64.30 1.69 0.00	75.89 2.07 0.00	76.51 2.30 0.00	60.02 1.75 0.00	51.28 1.49 0.00	45.49 1.28 0.00	41.63 1.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.94 1.18 0.00	33.98 1.18 0.00	34.49 1.23 0.00	33.81 1.14 0.00	33.96 1.24 0.00	37.48 1.37 0.00	52.12 2.15 0.00	66.99 2.82 0.00	55.99 2.46 0.00	46.11 1.94 0.00	43.33 1.95 0.00	41.03 1.84 -0.12	41.38 1.82 -0.04	40.06 1.68 -0.23	39.88 1.56 -0.24	41.86 1.72 -0.05	49.89 2.06 0.00	65.24 2.63 0.00	77.01 3.17 -0.01	77.70 3.49 0.00	60.84 2.56 0.00	51.98 2.19 0.00	46.07 1.86 0.00	42.19 1.74 0.00
VISCHER___FERRY HYD 24020	35.01 1.25 0.00	33.85 1.05 0.00	34.39 1.13 0.00	33.81 1.14 0.00	33.83 1.11 0.00	37.29 1.19 0.00	51.72 1.75 0.00	66.54 2.38 0.00	55.35 1.82 0.00	45.54 1.37 0.00	42.34 0.95 0.00	39.54 0.55 0.08	40.05 0.55 0.03	38.52 0.53 0.17	38.78 0.88 0.17	41.01 0.96 0.04	49.46 1.63 0.00	64.74 2.13 0.00	76.10 2.29 0.01	76.14 1.93 0.00	59.85 1.57 0.00	50.98 1.19 0.00	45.14 0.93 0.00	41.30 0.85 0.00
V_A_10_SYNC_DSASP 323832	32.04 -1.72 0.00	31.98 -0.82 0.00	32.13 -1.13 0.00	31.36 -1.31 0.00	31.47 -1.24 0.00	34.84 -1.26 0.00	48.08 -1.90 0.00	60.25 -3.91 0.00	50.85 -2.68 0.00	42.54 -1.63 0.00	39.85 -1.53 0.00	38.53 -0.59 -0.04	38.83 -0.71 -0.01	37.12 -1.11 -0.08	36.75 -1.41 -0.08	37.78 -2.32 -0.02	44.67 -3.16 0.00	58.04 -4.57 0.00	69.39 -4.43 0.00	69.68 -4.53 0.00	55.30 -2.97 0.00	48.15 -1.64 0.00	42.49 -1.72 0.00	39.52 -0.93 0.00
V_CMM_10_SYNC_DSASP 323787	33.79 0.03 0.00	32.86 0.07 0.00	33.26 0.00 0.00	32.70 0.03 0.00	32.75 0.03 0.00	36.07 -0.04 0.00	49.92 -0.05 0.00	64.10 -0.06 0.00	53.52 0.00 0.00	44.21 0.04 0.00	41.43 0.04 0.00	39.23 0.16 0.00	39.68 0.16 0.00	38.30 0.15 0.00	38.15 0.08 0.00	40.32 0.24 0.00	47.97 0.14 0.00	63.05 0.44 0.00	74.12 0.30 0.00	74.66 0.45 0.00	58.74 0.47 0.00	50.19 0.40 0.00	44.70 0.49 0.00	40.74 0.28 0.00
V_CMP_10_SYNC_DSASP 323788	33.69 -0.07 0.00	32.83 0.03 0.00	33.13 -0.13 0.00	32.60 -0.07 0.00	32.58 -0.13 0.00	35.85 -0.25 0.00	49.17 -0.80 0.00	63.07 -1.09 0.00	52.67 -0.86 0.00	43.86 -0.31 0.00	40.97 -0.41 0.00	38.96 -0.12 0.00	39.44 -0.08 0.00	38.19 0.04 0.00	38.00 -0.08 0.00	40.37 0.28 0.00	47.59 -0.24 0.00	62.86 0.25 0.00	74.19 0.37 0.00	74.73 0.52 0.00	58.80 0.52 0.00	50.24 0.45 0.00	45.01 0.80 0.00	40.90 0.45 0.00
V_D_10_SYNC_DSASP 323841	33.93 0.17 0.00	33.03 0.23 0.00	33.40 0.13 0.00	32.86 0.20 0.00	32.88 0.16 0.00	36.21 0.11 0.00	50.13 0.15 0.00	64.36 0.19 0.00	53.79 0.27 0.00	44.39 0.22 0.00	41.59 0.21 0.00	39.43 0.35 0.00	39.84 0.31 0.00	38.49 0.34 0.00	38.31 0.23 0.00	40.53 0.44 0.00	48.21 0.38 0.00	63.37 0.75 0.00	74.48 0.66 0.00	75.03 0.82 0.00	59.09 0.82 0.00	50.54 0.75 0.00	45.01 0.80 0.00	40.94 0.49 0.00
V_E_10_SYNC_DSASP 323830	35.04 1.28 0.00	34.28 1.48 0.00	34.63 1.36 0.00	33.94 1.27 0.00	34.32 1.60 0.00	38.02 1.91 0.00	53.18 3.20 0.00	68.33 4.17 0.00	57.43 3.91 0.00	46.82 2.65 0.00	44.04 2.65 0.00	41.74 2.58 -0.09	42.08 2.53 -0.03	40.61 2.29 -0.17	40.19 1.94 -0.18	42.28 2.16 -0.04	50.56 2.72 0.00	66.49 3.88 0.00	79.37 5.54 -0.01	80.52 6.30 0.00	62.82 4.55 0.00	53.53 3.74 0.00	47.17 2.96 0.00	43.00 2.55 0.00

V_F_30_NSYNC___DSASP 323816	35.18 1.42 0.00	34.04 1.25 0.00	34.63 1.36 0.00	34.04 1.37 0.00	34.05 1.34 0.00	37.58 1.48 0.00	52.17 2.20 0.00	67.18 3.02 0.00	55.82 2.30 0.00	45.80 1.64 0.00	42.46 1.07 0.00	39.78 0.78 0.08	40.33 0.83 0.03	38.80 0.80 0.15	38.98 1.06 0.16	41.29 1.24 0.03	49.75 1.92 0.00	65.24 2.63 0.00	76.84 3.03 0.01	76.88 2.67 0.00	60.31 2.04 0.00	51.38 1.59 0.00	45.58 1.37 0.00	41.71 1.26 0.00
V_F_30_SYNC_DSASP 323786	34.57 0.81 0.00	33.42 0.62 0.00	33.89 0.63 0.00	33.32 0.65 0.00	33.33 0.62 0.00	36.83 0.72 0.00	50.82 0.85 0.00	65.45 1.28 0.00	54.38 0.86 0.00	44.79 0.62 0.00	41.84 0.46 0.00	39.07 0.08 0.09	39.61 0.12 0.03	38.25 0.27 0.17	38.36 0.46 0.18	40.53 0.48 0.04	48.69 0.86 0.00	63.68 1.06 0.00	74.77 0.96 0.01	74.88 0.67 0.00	58.80 0.52 0.00	50.09 0.30 0.00	44.43 0.22 0.00	40.74 0.28 0.00
V_XM_10_SYNC_DSASP 323789	33.69 -0.07 0.00	32.83 0.03 0.00	33.13 -0.13 0.00	32.60 -0.07 0.00	32.58 -0.13 0.00	35.85 -0.25 0.00	49.17 -0.80 0.00	63.07 -1.09 0.00	52.67 -0.86 0.00	43.86 -0.31 0.00	40.97 -0.41 0.00	38.96 -0.12 0.00	39.44 -0.08 0.00	38.19 0.04 0.00	38.00 -0.08 0.00	40.37 0.28 0.00	47.59 -0.24 0.00	62.86 0.25 0.00	74.19 0.37 0.00	74.73 0.52 0.00	58.80 0.52 0.00	50.24 0.45 0.00	45.01 0.80 0.00	40.90 0.45 0.00
W.BABYLN_69_KV_BK1 56697	36.53 2.77 0.00	34.86 2.07 0.00	35.46 2.20 0.00	34.79 2.12 0.00	34.94 2.22 0.00	38.74 2.64 0.00	53.02 3.05 0.00	68.26 4.11 0.01	56.40 2.89 0.01	46.95 2.78 0.00	44.57 3.19 0.00	43.19 3.01 -1.10	42.54 3.04 0.03	43.12 2.98 -1.99	43.31 3.16 -2.08	43.54 3.29 -0.17	51.02 3.20 0.01	66.49 3.88 0.00	74.74 3.62 2.69	79.03 4.82 0.00	61.19 2.91 0.00	52.08 2.29 0.00	46.51 2.30 0.00	43.20 2.75 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.09 2.33 0.00	34.67 1.87 0.00	35.13 1.86 0.00	34.43 1.76 0.00	34.58 1.86 0.00	38.41 2.31 0.00	53.38 3.40 0.00	68.79 4.62 0.00	56.95 3.43 0.00	47.00 2.83 0.00	44.33 2.94 0.00	43.04 2.77 -1.20	42.74 2.81 -0.41	43.34 2.82 -2.36	43.35 2.82 -2.45	43.55 2.97 -0.50	51.04 3.20 0.00	66.75 4.13 0.00	78.84 4.87 -0.15	79.19 4.97 0.00	61.71 3.44 0.00	52.53 2.74 0.00	46.78 2.56 0.00	42.84 2.39 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.22 2.46 0.00	34.77 1.97 0.00	35.23 1.96 0.00	34.53 1.86 0.00	34.68 1.96 0.00	38.38 2.27 0.00	53.33 3.35 0.00	68.72 4.56 -0.01	57.06 3.53 -0.01	47.22 3.05 0.00	44.49 3.10 0.00	43.28 2.89 -1.31	42.90 2.92 -0.45	43.64 2.90 -2.59	43.73 2.97 -2.69	43.72 3.09 -0.55	51.38 3.54 -0.01	66.94 4.32 0.00	79.10 5.02 -0.26	79.19 4.97 0.00	61.83 3.55 0.00	52.68 2.89 0.00	46.91 2.70 0.00	42.96 2.51 0.00
W50THST__13_KV_LOAD 356117	36.36 2.60 0.00	34.90 2.10 0.00	35.33 2.06 0.00	34.62 1.96 0.00	34.81 2.09 0.00	38.52 2.42 0.00	53.58 3.60 0.00	69.05 4.88 -0.01	57.33 3.80 -0.01	47.44 3.27 0.00	44.70 3.31 0.00	43.51 3.13 -1.31	43.14 3.16 -0.45	43.87 3.13 -2.59	43.96 3.20 -2.69	43.92 3.29 -0.55	51.61 3.78 -0.01	67.31 4.70 0.00	79.54 5.46 -0.26	79.56 5.34 0.00	62.06 3.79 0.00	52.88 3.09 0.00	47.09 2.87 0.00	43.12 2.67 0.00
WADING RIVER_IC_1 23522	36.22 2.46 0.00	34.54 1.74 0.00	35.12 1.86 0.00	34.49 1.83 0.00	34.61 1.90 0.00	37.87 1.77 0.00	52.12 2.15 0.00	66.53 2.38 0.01	55.07 1.55 0.01	46.02 1.85 0.00	43.20 1.82 0.00	39.81 1.88 1.14	36.08 1.90 5.34	35.25 1.76 4.65	35.37 2.02 4.72	38.03 2.04 4.10	50.35 2.53 0.01	65.67 3.07 0.00	72.32 1.70 3.20	78.14 3.93 0.00	60.60 2.33 0.01	51.48 1.69 0.00	45.35 1.15 0.01	41.78 1.33 0.00
WADING RIVER_IC_2 23547	36.22 2.46 0.00	34.54 1.74 0.00	35.12 1.86 0.00	34.49 1.83 0.00	34.61 1.90 0.00	37.87 1.77 0.00	52.12 2.15 0.00	66.53 2.38 0.01	55.07 1.55 0.01	46.02 1.85 0.00	43.20 1.82 0.00	39.81 1.88 1.14	36.08 1.90 5.34	35.25 1.76 4.65	35.37 2.02 4.72	38.03 2.04 4.10	50.35 2.53 0.01	65.67 3.07 0.00	72.32 1.70 3.20	78.14 3.93 0.00	60.60 2.33 0.01	51.48 1.69 0.00	45.35 1.15 0.01	41.78 1.33 0.00
WADING RIVER_IC_3 23601	36.22 2.46 0.00	34.54 1.74 0.00	35.12 1.86 0.00	34.49 1.83 0.00	34.61 1.90 0.00	37.87 1.77 0.00	52.12 2.15 0.00	66.53 2.38 0.01	55.07 1.55 0.01	46.02 1.85 0.00	43.20 1.82 0.00	39.81 1.88 1.14	36.08 1.90 5.34	35.25 1.76 4.65	35.37 2.02 4.72	38.03 2.04 4.10	50.35 2.53 0.01	65.67 3.07 0.00	72.32 1.70 3.20	78.14 3.93 0.00	60.60 2.33 0.01	51.48 1.69 0.00	45.35 1.15 0.01	41.78 1.33 0.00
WALDENNY_12_KV_BK2 80841	31.90 -1.86 0.00	31.91 -0.89 0.00	32.07 -1.20 0.00	31.29 -1.37 0.00	31.44 -1.28 0.00	34.84 -1.26 0.00	48.18 -1.80 0.00	60.12 -4.04 0.00	50.79 -2.73 0.00	42.49 -1.68 0.00	39.81 -1.57 0.00	38.57 -0.55 -0.05	38.95 -0.59 -0.02	37.17 -1.07 -0.09	36.76 -1.41 -0.10	37.70 -2.41 -0.02	44.43 -3.40 0.00	57.85 -4.76 0.00	69.47 -4.36 0.00	69.98 -4.23 0.00	55.48 -2.80 0.00	48.40 -1.39 0.00	42.75 -1.46 0.00	39.76 -0.69 0.00
WALDEN__HYDRO 24148	35.92 2.16 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.12 2.02 0.00	53.02 3.05 0.00	68.27 4.11 0.00	56.58 3.05 0.00	46.64 2.47 0.00	43.91 2.52 0.00	42.00 2.38 -0.55	42.12 2.41 -0.19	41.67 2.44 -1.08	41.63 2.44 -1.12	42.88 2.57 -0.23	50.80 2.97 0.00	66.56 3.94 0.00	78.53 4.65 -0.06	78.96 4.75 0.00	61.60 3.32 0.00	52.38 2.59 0.00	46.64 2.43 0.00	42.72 2.27 0.00
WARRENSBURG____ 23737	34.87 1.11 0.00	33.78 0.98 0.00	34.36 1.10 0.00	33.81 1.14 0.00	33.79 1.08 0.00	37.33 1.23 0.00	51.77 1.80 0.00	66.86 2.69 0.00	55.50 1.98 0.00	45.36 1.19 0.00	42.05 0.66 0.00	39.39 0.39 0.08	39.89 0.40 0.03	38.49 0.50 0.15	38.60 0.69 0.16	40.89 0.84 0.03	49.27 1.43 0.00	64.74 2.13 0.00	76.32 2.51 0.01	76.36 2.15 0.00	59.85 1.57 0.00	50.84 1.05 0.00	45.14 0.93 0.00	41.34 0.89 0.00
WATERSIDE____6 8 9 23538	36.36 2.60 -0.01	34.94 2.13 -0.01	35.37 2.10 -0.01	34.66 1.99 -0.01	34.81 2.09 -0.01	38.53 2.42 -0.01	53.53 3.55 -0.01	68.73 4.56 -0.01	57.01 3.48 -0.01	47.36 3.18 -0.01	44.63 3.23 -0.01	43.44 3.05 -1.32	43.06 3.08 -0.46	43.80 3.05 -2.60	43.89 3.12 -2.70	43.89 3.25 -0.56	51.52 3.68 -0.01	66.94 4.32 -0.01	78.70 4.58 -0.30	79.19 4.97 -0.01	61.77 3.50 0.00	52.78 2.99 -0.01	47.09 2.87 -0.01	43.13 2.67 -0.01
WATKINRD_115KV_LN8_ILLION 55919	34.43 0.68 0.00	33.45 0.66 0.00	33.93 0.67 0.00	33.29 0.62 0.00	33.40 0.69 0.00	36.86 0.76 0.00	51.07 1.10 0.00	65.57 1.41 0.00	54.76 1.23 0.00	45.10 0.93 0.00	42.30 0.91 0.00	39.93 0.86 0.00	40.35 0.83 0.00	38.91 0.76 0.00	38.84 0.76 0.00	40.93 0.84 0.00	48.84 1.00 0.00	63.80 1.19 0.00	75.30 1.48 0.00	75.84 1.63 0.00	59.50 1.22 0.00	50.89 1.10 0.00	45.10 0.88 0.00	41.30 0.85 0.00

WDELAWARE___HYD 323627	36.12 2.36 0.00	34.80 2.00 0.00	35.26 2.00 0.00	34.53 1.86 0.00	34.71 2.00 0.00	38.38 2.28 0.00	53.58 3.60 0.00	71.29 7.12 0.00	59.04 5.51 0.00	48.41 4.24 0.00	45.40 4.01 0.00	43.36 3.99 -0.30	43.70 4.07 -0.10	42.67 3.93 -0.59	42.46 3.77 -0.61	44.30 4.09 -0.12	52.90 5.07 0.00	69.50 6.89 0.00	82.19 8.34 -0.03	83.04 8.83 0.00	64.63 6.35 0.00	54.92 5.13 0.00	48.81 4.60 0.00	44.54 4.08 0.00
WEST BABYLON___IC 23714	36.53 2.77 0.00	34.86 2.07 0.00	35.46 2.20 0.00	34.79 2.12 0.00	34.94 2.22 0.00	38.74 2.64 0.00	53.02 3.05 0.00	68.26 4.11 0.01	56.40 2.89 0.01	46.95 2.78 0.00	44.57 3.19 0.00	43.19 3.01 -1.10	42.54 3.04 0.03	43.12 2.98 -1.99	43.31 3.16 -2.08	43.54 3.29 -0.17	51.02 3.20 0.01	66.49 3.88 0.00	74.74 3.62 2.69	79.03 4.82 0.00	61.19 2.91 0.00	52.08 2.29 0.00	46.51 2.30 0.00	43.20 2.75 0.00
WEST CANADA___HYD 24049	33.93 0.17 0.00	32.93 0.13 0.00	33.43 0.17 0.00	32.80 0.13 0.00	32.88 0.16 0.00	36.28 0.18 0.00	50.23 0.25 0.00	64.55 0.39 0.00	53.85 0.32 0.00	44.39 0.22 0.00	41.59 0.21 0.00	39.23 0.16 0.00	39.68 0.16 0.00	38.30 0.15 0.00	38.23 0.15 0.00	40.29 0.20 0.00	48.02 0.19 0.00	62.80 0.19 0.00	74.04 0.22 0.00	74.51 0.30 0.00	58.51 0.23 0.00	49.94 0.15 0.00	44.35 0.13 0.00	40.57 0.12 0.00
WESTERN_NY_WIND 24143	32.51 -1.25 0.00	32.40 -0.39 0.00	32.56 -0.70 0.00	31.82 -0.85 0.00	32.06 -0.65 0.00	35.49 -0.61 0.00	49.23 -0.75 0.00	62.11 -2.05 0.00	52.29 -1.23 0.00	43.60 -0.57 0.00	40.81 -0.58 0.00	39.43 0.31 -0.04	39.73 0.20 -0.01	37.96 -0.27 -0.08	37.51 -0.65 -0.08	38.54 -1.56 -0.02	45.77 -2.06 0.00	59.67 -2.94 0.00	71.75 -2.07 0.00	71.84 -2.37 0.00	56.82 -1.46 0.00	49.39 -0.40 0.00	43.50 -0.71 0.00	40.33 -0.12 0.00
WESTOVER___LESR 323668	33.62 -0.14 0.00	32.86 0.07 0.00	33.26 0.00 0.00	32.63 -0.03 0.00	32.68 -0.03 0.00	36.18 0.07 0.00	50.22 0.25 0.00	64.23 0.06 0.00	53.63 0.11 0.00	44.26 0.09 0.00	41.59 0.21 0.00	39.59 0.43 -0.09	39.95 0.40 -0.03	38.59 0.27 -0.18	38.45 0.19 -0.18	40.04 -0.08 -0.04	47.59 -0.24 0.00	62.24 -0.38 0.00	74.05 0.22 -0.01	74.36 0.15 0.00	58.33 0.06 0.00	49.94 0.15 0.00	44.30 0.09 0.00	40.74 0.28 0.00
WETHRSFD_WT_PWR 323626	31.63 -2.13 0.00	31.55 -1.25 0.00	31.70 -1.56 0.00	31.03 -1.63 0.00	31.08 -1.63 0.00	34.77 -1.34 0.00	47.88 -2.10 0.00	60.12 -4.04 0.00	50.74 -2.79 0.00	42.09 -2.08 0.00	40.15 -1.24 0.00	38.07 -1.05 -0.05	38.56 -0.99 -0.02	37.15 -1.11 -0.11	36.40 -1.79 -0.11	37.42 -2.69 -0.02	44.29 -3.54 0.00	57.98 -4.63 0.00	69.62 -4.20 -0.01	69.83 -4.38 0.00	55.36 -2.91 0.00	48.19 -1.60 0.00	42.66 -1.55 0.00	39.60 -0.85 0.00
WHAVSTOR_138KV_BK127 55557	35.92 2.16 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.12 2.02 0.00	52.88 2.90 0.00	68.14 3.98 0.00	56.53 3.00 0.00	46.69 2.52 0.00	44.04 2.65 0.00	42.75 2.46 -1.21	42.43 2.49 -0.42	43.07 2.52 -2.40	43.12 2.55 -2.49	43.24 2.65 -0.51	50.80 2.97 0.00	66.37 3.76 0.00	78.40 4.43 -0.15	78.67 4.45 0.00	61.36 3.09 0.00	52.23 2.44 0.00	46.56 2.34 0.00	42.64 2.18 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.92 2.16 0.00	34.54 1.74 0.00	34.99 1.73 0.00	34.30 1.63 0.00	34.45 1.73 0.00	38.12 2.02 0.00	52.88 2.90 0.00	68.14 3.98 0.00	56.53 3.00 0.00	46.69 2.52 0.00	44.04 2.65 0.00	42.75 2.46 -1.21	42.43 2.49 -0.42	43.07 2.52 -2.40	43.12 2.55 -2.49	43.24 2.65 -0.51	50.80 2.97 0.00	66.37 3.76 0.00	78.40 4.43 -0.15	78.67 4.45 0.00	61.36 3.09 0.00	52.23 2.44 0.00	46.56 2.34 0.00	42.64 2.18 0.00
WHITEHAL_115KV_TB1 80871	35.38 1.62 0.00	34.31 1.51 0.00	34.93 1.66 0.00	34.36 1.70 0.00	34.35 1.64 0.00	38.02 1.91 0.00	52.82 2.85 0.00	68.27 4.11 0.00	56.58 3.05 0.00	46.07 1.90 0.00	42.59 1.20 0.00	39.86 0.86 0.08	40.41 0.91 0.03	38.95 0.95 0.15	39.06 1.14 0.16	41.41 1.36 0.03	50.03 2.20 0.00	65.93 3.32 0.00	77.87 4.06 0.01	77.92 3.71 0.00	61.01 2.74 0.00	51.78 1.99 0.00	45.94 1.72 0.00	42.07 1.62 0.00
WHITEPLN_13_KV_LOAD 356215	36.29 2.53 0.00	34.86 2.07 0.00	35.29 2.03 0.00	34.62 1.96 0.00	34.74 2.03 0.00	38.45 2.35 0.00	53.38 3.40 0.00	68.85 4.68 0.00	57.28 3.75 0.00	47.31 3.14 0.00	44.62 3.23 0.00	43.36 2.97 -1.32	43.02 3.04 -0.45	43.77 3.01 -2.61	43.83 3.05 -2.71	43.80 3.17 -0.55	51.47 3.64 0.00	67.12 4.51 0.00	79.24 5.24 -0.18	79.48 5.27 0.00	62.06 3.79 0.00	52.78 2.99 0.00	46.95 2.74 0.00	43.00 2.55 0.00
WM_FLOYD_69_KV_BK2 356380	36.26 2.50 0.00	34.57 1.77 0.00	35.16 1.90 0.00	34.53 1.86 0.00	34.64 1.93 0.00	38.41 2.31 0.00	52.27 2.30 0.00	67.10 2.95 0.01	55.39 1.87 0.01	46.24 2.08 0.00	43.91 2.52 0.00	40.00 2.03 1.11	36.32 2.06 5.26	35.61 2.02 4.56	35.62 2.17 4.62	38.29 2.24 4.03	50.40 2.58 0.01	65.74 3.13 0.00	72.85 2.21 3.19	78.21 4.01 0.00	60.60 2.33 0.00	51.48 1.69 0.00	45.58 1.37 0.00	42.19 1.74 0.00
WOODARD___115KV_TB2 355635	33.25 -0.51 0.00	32.40 -0.39 0.00	32.83 -0.43 0.00	32.24 -0.42 0.00	32.29 -0.43 0.00	35.67 -0.43 0.00	49.42 -0.55 0.00	63.46 -0.71 0.00	52.99 -0.54 0.00	43.77 -0.40 0.00	41.05 -0.33 0.00	38.87 -0.23 -0.03	39.30 -0.24 -0.01	37.90 -0.31 -0.05	37.79 -0.34 -0.05	39.65 -0.44 -0.01	47.21 -0.62 0.00	61.67 -0.94 0.00	73.51 -0.74 -0.43	73.77 -0.89 -0.45	57.59 -0.76 -0.08	49.19 -0.60 0.00	43.65 -0.62 -0.06	39.93 -0.53 0.00
WOODMERE_69_KV_BK1 55827	36.32 2.57 0.00	34.73 1.94 0.00	35.29 2.03 0.00	34.62 1.96 0.00	34.74 2.03 0.00	38.52 2.42 0.00	52.92 2.95 0.00	68.20 4.04 0.00	56.36 2.84 0.00	46.90 2.74 0.00	44.49 3.10 0.00	43.50 3.13 -1.30	43.05 3.08 -0.44	43.78 3.05 -2.58	43.95 3.20 -2.68	43.91 3.29 -0.54	51.22 3.40 0.00	66.74 4.13 0.00	78.03 4.43 0.22	79.18 4.97 0.00	61.30 3.03 0.00	52.18 2.39 0.00	46.51 2.30 0.00	43.05 2.55 -0.05
YORK___WARBASSE 23770	36.43 2.67 -0.01	34.97 2.16 -0.01	35.43 2.16 -0.01	34.73 2.06 -0.01	34.88 2.16 -0.01	38.60 2.49 -0.01	53.53 3.55 -0.01	68.73 4.56 -0.01	56.96 3.43 -0.01	47.50 3.31 -0.01	44.71 3.31 -0.01	43.48 3.09 -1.32	43.10 3.12 -0.46	43.84 3.09 -2.60	43.93 3.16 -2.70	43.97 3.33 -0.56	51.66 3.83 -0.01	67.06 4.45 -0.01	78.32 4.21 -0.30	79.41 5.19 -0.01	61.89 3.61 0.00	52.83 3.04 -0.01	47.31 3.09 -0.01	43.21 2.75 -0.01