

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								10/28/2024		
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	31.92	30.59	28.51	27.98	28.97	33.31	53.75	67.94	55.86	41.21	35.41	32.76	30.71	30.32	30.92	34.42	41.61	52.88	63.54	58.02	45.83	41.01	34.19	30.55			
		1.46	1.37	1.20	1.18	1.17	1.16	1.87	3.29	2.04	1.51	1.59	1.50	1.49	1.55	1.67	1.79	2.21	2.56	3.93	2.92	2.39	2.25	1.87	1.67			
		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			
74TH STREET_GT_1	24260	32.07	30.71	28.62	28.09	29.11	33.38	53.80	68.00	55.86	41.21	35.54	32.82	30.77	30.40	31.01	34.52	41.73	52.93	63.72	58.19	45.96	41.12	34.32	30.67			
		1.61	1.49	1.31	1.29	1.31	1.22	1.92	3.36	2.05	1.51	1.72	1.56	1.55	1.64	1.76	1.89	2.32	2.62	4.11	3.09	2.52	2.36	2.00	1.79			
		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			
74TH STREET_GT_2	24261	32.07	30.71	28.62	28.09	29.11	33.38	53.80	68.00	55.86	41.21	35.54	32.82	30.77	30.40	31.01	34.52	41.73	52.93	63.72	58.19	45.96	41.12	34.32	30.67			
		1.61	1.49	1.31	1.29	1.31	1.22	1.92	3.36	2.05	1.51	1.72	1.56	1.55	1.64	1.76	1.89	2.32	2.62	4.11	3.09	2.52	2.36	2.00	1.79			
		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			
ADK HUDSON___FALLS	24011	32.38	31.17	29.06	28.49	29.64	33.63	54.43	68.58	56.35	41.13	34.83	32.11	30.13	29.45	29.99	33.58	41.14	52.78	63.06	57.91	45.35	40.47	33.90	30.81			
		1.92	1.96	1.75	1.69	1.84	1.48	2.54	3.94	2.53	1.43	1.01	0.84	0.91	0.69	0.73	0.95	1.73	2.47	3.46	2.81	1.91	1.71	1.58	1.93			
		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			
ADK RESOURCE___RCVRY	23798	32.50	31.29	29.17	28.62	29.75	33.73	54.63	68.91	56.62	41.29	34.97	32.20	30.18	29.48	30.04	33.64	41.22	52.93	63.36	58.07	45.48	40.54	33.99	30.93			
		2.04	2.07	1.86	1.82	1.95	1.58	2.75	4.27	2.80	1.59	1.15	0.94	0.96	0.72	0.79	1.01	1.81	2.61	3.76	2.97	2.04	1.78	1.68	2.05			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS	24028	32.38	31.17	29.06	28.49	29.64	33.63	54.43	68.58	56.35	41.13	34.83	32.11	30.13	29.45	29.99	33.58	41.14	52.78	63.06	57.91	45.35	40.47	33.90	30.81			
		1.92	1.96	1.75	1.69	1.84	1.48	2.54	3.94	2.53	1.43	1.01	0.84	0.91	0.69	0.73	0.95	1.73	2.47	3.46	2.81	1.91	1.71	1.58	1.93			
		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			
ADK_NYS___DAM	23527	32.10	30.82	28.79	28.27	29.33	33.82	54.27	68.26	56.03	41.05	35.07	32.42	30.39	29.92	30.48	34.10	41.77	53.33	63.77	58.29	46.09	41.16	34.32	30.70			
		1.64	1.61	1.47	1.47	1.53	1.67	2.39	3.62	2.21	1.35	1.25	1.16	1.17	1.15	1.23	1.47	2.36	3.02	4.17	3.19	2.65	2.40	2.00	1.82			
		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			
AIR_PRODUCTS___DRP	24190	30.98	29.77	27.78	27.26	28.31	32.67	52.61	66.06	54.36	39.94	34.05	31.45	29.45	28.99	29.55	33.02	40.23	51.42	61.39	56.37	44.44	39.69	33.09	29.54			
		0.52	0.56	0.46	0.46	0.50	0.51	0.73	1.42	0.54	0.24	0.24	0.19	0.23	0.23	0.29	0.39	0.83	1.11	1.79	1.27	1.00	0.93	0.78	0.66			
		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			
AKWESSNE_115KV_BK	355683	30.76	29.60	27.67	27.20	28.17	32.64	52.71	64.83	54.84	40.41	34.29	31.70	29.60	29.08	29.58	32.92	39.88	51.02	59.42	55.71	43.96	39.19	32.60	29.20			
		0.30	0.38	0.36	0.40	0.36	0.48	0.83	0.19	1.02	0.71	0.47	0.44	0.38	0.32	0.32	0.29	0.47	0.70	-0.18	0.61	0.52	0.43	0.29	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	31.43	30.24	28.21	27.71	28.75	33.21	53.54	67.16	55.16	40.29	34.16	31.42	29.43	28.91	29.52	33.12	40.58	52.07	62.22	57.14	45.00	40.19	33.51	29.92			
		0.97	1.02	0.90	0.91	0.95	1.06	1.66	2.52	1.35	0.60	0.34	0.16	0.21	0.14	0.26	0.49	1.18	1.76	2.62	2.04	1.56	1.43	1.20	1.04			
		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_2_SOLAR	323834	31.43	30.21	28.21	27.68	28.75	33.18	53.49	67.10	55.16	40.29	34.16	31.42	29.43	28.91	29.52	33.12	40.58	52.07	62.22	57.14	45.00	40.19	33.51	29.92			
		0.97	0.99	0.90	0.88	0.95	1.03	1.61	2.46	1.35	0.60	0.34	0.16	0.21	0.14	0.26	0.49	1.18	1.76	2.62	2.04	1.56	1.43	1.20	1.04			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1	23571	30.98	29.77	27.78	27.26	28.31	32.67	52.61	66.06	54.36	39.94	34.05	31.45	29.45	28.99	29.55	33.02	40.23	51.42	61.39	56.37	44.44	39.69	33.09	29.54			
		0.52	0.56	0.46	0.46	0.50	0.51	0.73	1.42	0.54	0.24	0.24	0.19	0.23	0.23	0.29	0.39	0.83	1.11	1.79	1.27	1.00	0.93	0.78	0.66			
		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___2 23572	30.98 0.52 0.00	29.77 0.56 0.00	27.78 0.46 0.00	27.26 0.46 0.00	28.31 0.50 0.00	32.67 0.51 0.00	52.61 0.73 0.00	66.06 1.42 0.00	54.36 0.54 0.00	39.94 0.24 0.00	34.05 0.24 0.00	31.45 0.19 0.00	29.45 0.23 0.00	28.99 0.23 0.00	29.55 0.29 0.00	33.02 0.39 0.00	40.23 0.83 0.00	51.42 1.11 0.00	61.39 1.79 0.00	56.37 1.27 0.00	44.44 1.00 0.00	39.69 0.93 0.00	33.09 0.78 0.00	29.54 0.66 0.00
ALBANY___3 23573	30.98 0.52 0.00	29.77 0.56 0.00	27.78 0.46 0.00	27.26 0.46 0.00	28.31 0.50 0.00	32.67 0.51 0.00	52.61 0.73 0.00	66.06 1.42 0.00	54.36 0.54 0.00	39.94 0.24 0.00	34.05 0.24 0.00	31.45 0.19 0.00	29.45 0.23 0.00	28.99 0.23 0.00	29.55 0.29 0.00	33.02 0.39 0.00	40.23 0.83 0.00	51.42 1.11 0.00	61.39 1.79 0.00	56.37 1.27 0.00	44.44 1.00 0.00	39.69 0.93 0.00	33.09 0.78 0.00	29.54 0.66 0.00
ALBANY___4 23574	30.98 0.52 0.00	29.77 0.56 0.00	27.78 0.46 0.00	27.26 0.46 0.00	28.31 0.50 0.00	32.67 0.51 0.00	52.61 0.73 0.00	66.06 1.42 0.00	54.36 0.54 0.00	39.94 0.24 0.00	34.05 0.24 0.00	31.45 0.19 0.00	29.45 0.23 0.00	28.99 0.23 0.00	29.55 0.29 0.00	33.02 0.39 0.00	40.23 0.83 0.00	51.42 1.11 0.00	61.39 1.79 0.00	56.37 1.27 0.00	44.44 1.00 0.00	39.69 0.93 0.00	33.09 0.78 0.00	29.54 0.66 0.00
ALBANY___LFGE 323615	31.25 0.79 0.00	30.01 0.79 0.00	27.99 0.68 0.00	27.50 0.70 0.00	28.53 0.72 0.00	32.92 0.77 0.00	53.08 1.19 0.00	66.71 2.07 0.00	54.89 1.08 0.00	40.33 0.63 0.00	34.36 0.54 0.00	31.70 0.44 0.00	29.72 0.50 0.00	29.22 0.46 0.00	29.78 0.53 0.00	33.28 0.65 0.00	40.58 1.18 0.00	51.92 1.61 0.00	61.99 2.39 0.00	56.86 1.76 0.00	44.83 1.39 0.00	40.04 1.28 0.00	33.35 1.03 0.00	29.77 0.90 0.00
ALCOA_PA_115KV_PL-6C 55860	30.95 0.49 0.00	29.77 0.56 0.00	27.83 0.52 0.00	27.39 0.59 0.00	28.36 0.56 0.00	32.86 0.71 0.00	52.97 1.09 0.00	64.77 0.13 0.00	54.79 0.97 0.00	40.37 0.67 0.00	34.29 0.47 0.00	31.67 0.41 0.00	29.57 0.35 0.00	29.08 0.32 0.00	29.55 0.29 0.00	32.92 0.29 0.00	39.84 0.43 0.00	51.02 0.70 0.00	59.42 -0.18 0.00	55.71 0.61 0.00	43.96 0.52 0.00	39.15 0.39 0.00	32.60 0.29 0.00	29.17 0.29 0.00
ALCOA_RYNLDS___DRP 24188	30.95 0.49 0.00	29.77 0.56 0.00	27.83 0.52 0.00	27.39 0.59 0.00	28.36 0.56 0.00	32.86 0.71 0.00	52.97 1.09 0.00	64.77 0.13 0.00	54.79 0.97 0.00	40.37 0.67 0.00	34.29 0.47 0.00	31.67 0.41 0.00	29.57 0.35 0.00	29.08 0.32 0.00	29.55 0.29 0.00	32.92 0.29 0.00	39.84 0.43 0.00	51.02 0.70 0.00	59.42 -0.18 0.00	55.71 0.61 0.00	43.96 0.52 0.00	39.15 0.39 0.00	32.60 0.29 0.00	29.17 0.29 0.00
ALCOA___DSASP 323711	30.94 0.49 0.00	29.77 0.55 0.00	27.83 0.52 0.00	27.39 0.59 0.00	28.36 0.56 0.00	32.86 0.71 0.00	52.97 1.09 0.00	64.77 0.13 0.00	54.79 0.97 0.00	40.29 0.60 0.00	34.29 0.47 0.00	31.67 0.41 0.00	29.57 0.35 0.00	29.08 0.32 0.00	29.55 0.29 0.00	32.92 0.29 0.00	39.88 0.47 0.00	51.02 0.70 0.00	59.43 -0.18 0.00	55.71 0.61 0.00	43.96 0.52 0.00	39.15 0.39 0.00	32.60 0.29 0.00	29.17 0.29 0.00
ALLEGHENY___COGEN 23514	30.70 0.24 0.00	29.27 0.06 0.00	27.50 0.19 0.00	26.85 0.05 0.00	28.06 0.25 0.00	32.73 0.58 0.00	52.87 0.98 0.00	67.68 3.04 0.00	54.30 0.48 0.00	40.41 0.72 0.00	33.95 0.14 0.00	31.36 0.09 0.00	28.93 -0.29 0.00	28.68 -0.09 0.00	28.99 -0.26 0.00	32.24 -0.39 0.00	39.25 -0.16 0.00	50.11 -0.20 0.00	60.73 1.13 0.00	55.29 0.22 0.03	43.35 -0.09 0.00	38.57 -0.19 0.00	32.09 -0.22 0.00	28.65 -0.23 0.00
ALTAMONT_115KV_TB 2 55880	31.16 0.70 0.00	29.92 0.70 0.00	27.91 0.60 0.00	27.39 0.59 0.00	28.45 0.64 0.00	32.83 0.68 0.00	52.87 0.99 0.00	66.39 1.75 0.00	54.63 0.81 0.00	40.17 0.48 0.00	34.26 0.44 0.00	31.64 0.38 0.00	29.63 0.41 0.00	29.17 0.40 0.00	29.72 0.47 0.00	33.22 0.59 0.00	40.39 0.99 0.00	51.57 1.26 0.00	61.57 1.97 0.00	56.53 1.43 0.00	44.57 1.13 0.00	39.81 1.05 0.00	33.22 0.90 0.00	29.69 0.81 0.00
ALTONA_WT_PWR 323606	31.13 0.67 0.00	29.97 0.76 0.00	28.02 0.71 0.00	27.60 0.80 0.00	28.58 0.78 0.00	33.21 1.06 0.00	53.80 1.92 0.00	65.48 0.84 0.00	55.70 1.88 0.00	40.77 1.07 0.00	34.90 1.08 0.00	32.23 0.97 0.00	30.07 0.85 0.00	29.54 0.78 0.00	29.99 0.73 0.00	33.45 0.82 0.00	40.66 1.26 0.00	51.67 1.36 0.00	59.72 0.12 0.00	56.20 1.10 0.00	44.18 0.74 0.00	39.46 0.70 0.00	33.12 0.81 0.00	29.63 0.75 0.00
AMERICAN_REF_FUEL 24010	28.72 -1.73 0.00	27.35 -1.87 0.00	25.70 -1.61 0.00	25.08 -1.72 0.00	26.19 -1.61 0.00	30.42 -1.74 0.00	48.30 -3.58 0.00	61.73 -2.91 0.00	49.57 -4.25 0.00	37.55 -2.14 0.00	32.02 -1.79 0.00	29.70 -1.56 0.00	27.73 -1.49 0.00	27.50 -1.26 0.00	27.56 -1.70 0.00	30.44 -2.19 0.00	36.41 -3.00 0.00	45.58 -4.73 0.00	55.07 -4.53 0.00	49.83 -5.24 0.04	39.27 -4.17 0.00	35.04 -3.72 0.00	29.50 -2.81 0.00	26.60 -2.28 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.18 -0.27 0.00	28.72 -0.50 0.00	27.04 -0.27 0.00	26.32 -0.48 0.00	27.56 -0.25 0.00	32.12 -0.03 0.00	51.36 -0.52 0.00	65.61 0.97 0.00	52.48 -1.34 0.00	39.58 -0.12 0.00	33.75 -0.07 0.00	31.29 0.03 0.00	29.19 -0.03 0.00	28.99 0.23 0.00	29.02 -0.24 0.00	32.01 -0.62 0.00	38.34 -1.06 0.00	48.15 -2.16 0.00	58.05 -1.55 0.00	52.20 -2.87 0.03	40.79 -2.65 0.00	36.20 -2.56 0.00	30.38 -1.94 0.00	27.29 -1.59 0.00
ARTHUR KILL_GT_1 23520	32.39 1.92 -0.01	30.98 1.75 -0.01	28.88 1.56 -0.01	28.31 1.50 -0.01	29.31 1.50 0.00	33.47 1.32 0.00	52.86 0.98 0.01	66.08 2.01 0.57	50.41 1.08 4.48	40.69 0.99 0.00	35.34 1.52 0.00	32.73 1.47 0.00	30.68 1.46 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.46 1.83 0.00	41.29 1.89 0.00	49.76 1.81 2.37	61.02 3.10 1.68	55.68 2.15 1.56	45.26 1.82 0.01	40.89 2.13 0.00	34.54 2.23 0.00	30.99 2.11 0.00
ARTHUR_KILL_2 23512	32.29 1.83 -0.01	30.89 1.66 -0.01	28.79 1.47 -0.01	28.23 1.42 -0.01	29.22 1.42 0.00	33.41 1.25 0.00	52.70 0.83 0.01	65.88 1.81 0.57	50.25 0.91 4.48	40.57 0.87 0.00	35.27 1.45 0.00	32.63 1.37 0.00	30.62 1.40 0.00	30.26 1.49 0.00	30.86 1.61 0.00	34.36 1.73 0.00	41.18 1.77 0.00	49.56 1.61 2.37	60.84 2.92 1.68	55.47 1.93 1.56	45.12 1.69 0.01	40.77 2.01 0.00	34.45 2.13 0.00	30.90 2.02 0.00
ARTHUR_KILL_3 23513	31.68 1.22 0.00	30.33 1.11 0.00	28.27 0.96 0.00	27.76 0.96 0.00	28.71 0.92 0.01	32.99 0.83 0.00	53.13 1.24 0.00	66.60 2.52 0.56	50.69 1.35 4.47	40.77 1.07 0.00	35.07 1.25 0.00	32.45 1.19 0.00	30.42 1.20 0.00	30.03 1.26 0.00	30.63 1.38 0.00	34.10 1.47 0.00	41.22 1.81 0.00	49.91 1.96 2.36	61.15 3.22 1.67	55.81 2.26 1.55	45.40 1.96 0.00	40.62 1.86 0.00	33.93 1.62 0.00	30.32 1.44 0.00

ARTHUR_KILL_COGEN 323718	32.39 1.92 -0.01	30.98 1.75 -0.01	28.88 1.56 -0.01	28.31 1.50 -0.01	29.31 1.50 0.00	33.47 1.32 0.00	52.86 0.98 0.01	66.08 2.01 0.57	50.41 1.08 4.48	40.69 0.99 0.00	35.34 1.52 0.00	32.73 1.47 0.00	30.68 1.46 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.46 1.83 0.00	41.29 1.89 0.00	49.76 1.81 2.37	61.02 3.10 1.68	55.68 2.15 1.56	45.26 1.82 0.01	40.89 2.13 0.00	34.54 2.23 0.00	30.99 2.11 0.00
ASHOKAN____ 23654	31.59 1.13 0.00	30.41 1.20 0.00	28.41 1.09 0.00	27.93 1.13 0.00	28.97 1.17 0.00	33.47 1.32 0.00	54.01 2.13 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.45 0.75 0.00	34.16 0.34 0.00	31.26 0.00 0.00	29.31 0.09 0.00	28.74 -0.03 0.00	29.52 0.26 0.00	33.15 0.52 0.00	40.58 1.18 0.00	52.27 1.96 0.00	62.88 3.28 0.00	57.47 2.37 0.00	45.35 1.91 0.00	40.39 1.63 0.00	33.61 1.29 0.00	30.04 1.16 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.90 1.43 -0.01	30.57 1.34 -0.01	28.49 1.17 -0.01	28.02 1.21 -0.01	29.00 1.19 0.00	32.98 0.83 0.01	52.81 0.93 0.01	66.57 1.94 0.01	54.78 0.97 0.01	40.56 0.87 0.01	35.02 1.22 0.01	32.44 1.19 0.01	30.44 1.23 0.01	30.08 1.32 0.01	30.65 1.40 0.01	34.06 1.43 0.01	41.09 1.69 0.01	51.96 1.66 0.01	62.52 2.92 0.01	57.02 1.93 0.01	45.12 1.69 0.01	40.46 1.70 0.01	33.96 1.65 0.00	30.71 1.82 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	31.90 1.43 -0.01	30.57 1.34 -0.01	28.49 1.17 -0.01	28.02 1.21 -0.01	29.00 1.19 0.00	32.95 0.80 0.01	52.81 0.93 0.01	66.57 1.94 0.01	54.78 0.97 0.01	40.56 0.87 0.01	35.02 1.22 0.01	32.44 1.19 0.01	30.44 1.23 0.01	30.08 1.32 0.01	30.65 1.40 0.01	34.06 1.43 0.01	41.09 1.69 0.01	51.96 1.66 0.01	62.52 2.92 0.01	57.02 1.93 0.01	45.12 1.69 0.01	40.46 1.70 0.01	33.96 1.65 0.00	30.71 1.82 -0.01
ASTORIA_GT2_1 24094	31.90 1.43 -0.01	30.60 1.37 -0.01	28.49 1.17 -0.01	27.99 1.18 -0.01	29.03 1.22 0.00	32.95 0.80 0.01	52.81 0.93 0.01	66.57 1.94 0.01	54.84 1.02 0.00	40.53 0.83 0.00	35.07 1.25 0.00	32.42 1.16 0.00	30.42 1.20 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.10 1.47 0.00	41.10 1.69 0.00	51.97 1.66 0.00	62.58 2.98 0.00	57.14 2.04 0.00	45.18 1.74 0.00	40.50 1.74 0.00	33.96 1.65 0.00	30.70 1.82 0.00
ASTORIA_GT2_2 24095	31.90 1.43 -0.01	30.60 1.37 -0.01	28.49 1.17 -0.01	27.99 1.18 -0.01	29.03 1.22 0.00	32.95 0.80 0.01	52.81 0.93 0.01	66.57 1.94 0.01	54.84 1.02 0.00	40.53 0.83 0.00	35.07 1.25 0.00	32.42 1.16 0.00	30.42 1.20 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.10 1.47 0.00	41.10 1.69 0.00	51.97 1.66 0.00	62.58 2.98 0.00	57.14 2.04 0.00	45.18 1.74 0.00	40.50 1.74 0.00	33.96 1.65 0.00	30.70 1.82 0.00
ASTORIA_GT2_3 24096	31.90 1.43 -0.01	30.60 1.37 -0.01	28.49 1.17 -0.01	27.99 1.18 -0.01	29.03 1.22 0.00	32.95 0.80 0.01	52.81 0.93 0.01	66.57 1.94 0.01	54.84 1.02 0.00	40.53 0.83 0.00	35.07 1.25 0.00	32.42 1.16 0.00	30.42 1.20 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.10 1.47 0.00	41.10 1.69 0.00	51.97 1.66 0.00	62.58 2.98 0.00	57.14 2.04 0.00	45.18 1.74 0.00	40.50 1.74 0.00	33.96 1.65 0.00	30.70 1.82 0.00
ASTORIA_GT2_4 24097	31.90 1.43 -0.01	30.60 1.37 -0.01	28.49 1.17 -0.01	27.99 1.18 -0.01	29.03 1.22 0.00	32.95 0.80 0.01	52.81 0.93 0.01	66.57 1.94 0.01	54.84 1.02 0.00	40.53 0.83 0.00	35.07 1.25 0.00	32.42 1.16 0.00	30.42 1.20 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.10 1.47 0.00	41.10 1.69 0.00	51.97 1.66 0.00	62.58 2.98 0.00	57.14 2.04 0.00	45.18 1.74 0.00	40.50 1.74 0.00	33.96 1.65 0.00	30.70 1.82 0.00
ASTORIA_GT3_1 24098	31.90 1.43 -0.01	30.60 1.37 -0.01	28.49 1.17 -0.01	27.99 1.18 -0.01	29.03 1.22 0.00	32.95 0.80 0.01	52.81 0.93 0.01	66.57 1.94 0.01	54.84 1.02 0.00	40.53 0.83 0.00	35.07 1.25 0.00	32.42 1.16 0.00	30.42 1.20 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.10 1.47 0.00	41.10 1.69 0.00	51.97 1.66 0.00	62.58 2.98 0.00	57.14 2.04 0.00	45.18 1.74 0.00	40.50 1.74 0.00	33.96 1.65 0.00	30.70 1.82 0.00
ASTORIA_GT3_2 24099	31.90 1.43 -0.01	30.60 1.37 -0.01	28.49 1.17 -0.01	27.99 1.18 -0.01	29.03 1.22 0.00	32.95 0.80 0.01	52.81 0.93 0.01	66.57 1.94 0.01	54.84 1.02 0.00	40.53 0.83 0.00	35.07 1.25 0.00	32.42 1.16 0.00	30.42 1.20 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.10 1.47 0.00	41.10 1.69 0.00	51.97 1.66 0.00	62.58 2.98 0.00	57.14 2.04 0.00	45.18 1.74 0.00	40.50 1.74 0.00	33.96 1.65 0.00	30.70 1.82 0.00
ASTORIA_GT3_3 24100	31.90 1.43 -0.01	30.60 1.37 -0.01	28.49 1.17 -0.01	27.99 1.18 -0.01	29.03 1.22 0.00	32.95 0.80 0.01	52.81 0.93 0.01	66.57 1.94 0.01	54.84 1.02 0.00	40.53 0.83 0.00	35.07 1.25 0.00	32.42 1.16 0.00	30.42 1.20 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.10 1.47 0.00	41.10 1.69 0.00	51.97 1.66 0.00	62.58 2.98 0.00	57.14 2.04 0.00	45.18 1.74 0.00	40.50 1.74 0.00	33.96 1.65 0.00	30.70 1.82 0.00
ASTORIA_GT3_4 24101	31.90 1.43 -0.01	30.60 1.37 -0.01	28.49 1.17 -0.01	27.99 1.18 -0.01	29.03 1.22 0.00	32.95 0.80 0.01	52.81 0.93 0.01	66.57 1.94 0.01	54.84 1.02 0.00	40.53 0.83 0.00	35.07 1.25 0.00	32.42 1.16 0.00	30.42 1.20 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.10 1.47 0.00	41.10 1.69 0.00	51.97 1.66 0.00	62.58 2.98 0.00	57.14 2.04 0.00	45.18 1.74 0.00	40.50 1.74 0.00	33.96 1.65 0.00	30.70 1.82 0.00
ASTORIA_GT4_1 24102	31.90 1.43 -0.01	30.60 1.37 -0.01	28.49 1.17 -0.01	27.99 1.18 -0.01	29.03 1.22 0.00	32.95 0.80 0.01	52.81 0.93 0.01	66.57 1.94 0.01	54.84 1.02 0.00	40.53 0.83 0.00	35.07 1.25 0.00	32.42 1.16 0.00	30.42 1.20 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.10 1.47 0.00	41.10 1.69 0.00	51.97 1.66 0.00	62.58 2.98 0.00	57.14 2.04 0.00	45.18 1.74 0.00	40.50 1.74 0.00	33.96 1.65 0.00	30.70 1.82 0.00
ASTORIA_GT4_2 24103	31.90 1.43 -0.01	30.60 1.37 -0.01	28.49 1.17 -0.01	27.99 1.18 -0.01	29.03 1.22 0.00	32.95 0.80 0.01	52.81 0.93 0.01	66.57 1.94 0.01	54.84 1.02 0.00	40.53 0.83 0.00	35.07 1.25 0.00	32.42 1.16 0.00	30.42 1.20 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.10 1.47 0.00	41.10 1.69 0.00	51.97 1.66 0.00	62.58 2.98 0.00	57.14 2.04 0.00	45.18 1.74 0.00	40.50 1.74 0.00	33.96 1.65 0.00	30.70 1.82 0.00
ASTORIA_GT4_3 24104	31.90 1.43 -0.01	30.60 1.37 -0.01	28.49 1.17 -0.01	27.99 1.18 -0.01	29.03 1.22 0.00	32.95 0.80 0.01	52.81 0.93 0.01	66.57 1.94 0.01	54.84 1.02 0.00	40.53 0.83 0.00	35.07 1.25 0.00	32.42 1.16 0.00	30.42 1.20 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.10 1.47 0.00	41.10 1.69 0.00	51.97 1.66 0.00	62.58 2.98 0.00	57.14 2.04 0.00	45.18 1.74 0.00	40.50 1.74 0.00	33.96 1.65 0.00	30.70 1.82 0.00

ASTORIA_GT4_4 24105	31.90 1.43 -0.01	30.60 1.37 -0.01	28.49 1.17 -0.01	27.99 1.18 -0.01	29.03 1.22 0.00	32.95 0.80 0.01	52.81 0.93 0.01	66.57 1.94 0.01	54.84 1.02 0.00	40.53 0.83 0.00	35.07 1.25 0.00	32.42 1.16 0.00	30.42 1.20 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.10 1.47 0.00	41.10 1.69 0.00	51.97 1.66 0.00	62.58 2.98 0.00	57.14 2.04 0.00	45.18 1.74 0.00	40.50 1.74 0.00	33.96 1.65 0.00	30.70 1.82 0.00
ASTORIA_GT_1 23523	31.96 1.49 -0.01	30.63 1.40 -0.01	28.55 1.23 -0.01	28.04 1.23 -0.01	29.06 1.25 0.00	33.01 0.87 0.01	52.91 1.04 0.01	66.70 2.07 0.01	54.94 1.13 0.01	40.68 0.99 0.01	35.09 1.28 0.01	32.54 1.28 0.01	30.50 1.28 0.01	30.14 1.38 0.01	30.74 1.49 0.01	34.16 1.53 0.01	41.17 1.77 0.01	52.11 1.81 0.01	62.63 3.04 0.01	57.18 2.09 0.01	45.21 1.78 0.01	40.54 1.78 0.01	34.03 1.71 0.00	30.76 1.88 -0.01
ASTORIA_GT_10 24110	31.99 1.52 -0.01	30.66 1.43 -0.01	28.58 1.26 -0.01	28.04 1.23 -0.01	29.03 1.22 0.00	33.15 1.00 0.00	53.07 1.19 0.01	67.09 2.46 0.01	55.16 1.35 0.00	40.77 1.07 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.56 1.34 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.26 1.63 0.00	41.33 1.93 0.00	52.28 1.96 0.00	62.94 3.34 0.00	57.47 2.37 0.00	45.44 2.00 0.00	40.78 2.02 0.00	34.16 1.84 0.00	30.64 1.76 0.00
ASTORIA_GT_11 24225	31.99 1.52 -0.01	30.66 1.43 -0.01	28.58 1.26 -0.01	28.04 1.23 -0.01	29.03 1.22 0.00	33.15 1.00 0.00	53.07 1.19 0.01	67.09 2.46 0.01	55.16 1.35 0.00	40.77 1.07 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.56 1.34 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.26 1.63 0.00	41.33 1.93 0.00	52.28 1.96 0.00	62.94 3.34 0.00	57.47 2.37 0.00	45.44 2.00 0.00	40.78 2.02 0.00	34.16 1.84 0.00	30.64 1.76 0.00
ASTORIA_GT_12 24226	31.99 1.52 -0.01	30.66 1.43 -0.01	28.58 1.26 -0.01	28.04 1.23 -0.01	29.03 1.22 0.00	33.15 1.00 0.00	53.07 1.19 0.01	67.09 2.46 0.01	55.16 1.35 0.00	40.77 1.07 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.56 1.34 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.26 1.63 0.00	41.33 1.93 0.00	52.28 1.96 0.00	62.94 3.34 0.00	57.47 2.37 0.00	45.44 2.00 0.00	40.78 2.02 0.00	34.16 1.84 0.00	30.64 1.76 0.00
ASTORIA_GT_13 24227	31.99 1.52 -0.01	30.66 1.43 -0.01	28.58 1.26 -0.01	28.04 1.23 -0.01	29.03 1.22 0.00	33.15 1.00 0.00	53.07 1.19 0.01	67.09 2.46 0.01	55.16 1.35 0.00	40.77 1.07 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.56 1.34 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.26 1.63 0.00	41.33 1.93 0.00	52.28 1.96 0.00	62.94 3.34 0.00	57.47 2.37 0.00	45.44 2.00 0.00	40.78 2.02 0.00	34.16 1.84 0.00	30.64 1.76 0.00
ASTORIA_GT_5 24106	31.96 1.49 -0.01	30.63 1.40 -0.01	28.55 1.23 -0.01	28.01 1.21 -0.01	29.06 1.25 0.00	33.01 0.87 0.01	52.91 1.04 0.01	66.70 2.07 0.01	54.95 1.13 0.00	40.57 0.87 0.00	35.14 1.32 0.00	32.48 1.22 0.00	30.48 1.26 0.00	30.15 1.38 0.00	30.75 1.49 0.00	34.16 1.53 0.00	41.18 1.77 0.00	52.07 1.76 0.00	62.70 3.10 0.00	57.25 2.15 0.00	45.26 1.82 0.00	40.54 1.78 0.00	34.03 1.71 0.00	30.76 1.88 0.00
ASTORIA_GT_7 24107	31.96 1.49 -0.01	30.63 1.40 -0.01	28.55 1.23 -0.01	28.01 1.21 -0.01	29.06 1.25 0.00	33.01 0.87 0.01	52.91 1.04 0.01	66.70 2.07 0.01	54.95 1.13 0.00	40.57 0.87 0.00	35.14 1.32 0.00	32.48 1.22 0.00	30.48 1.26 0.00	30.15 1.38 0.00	30.75 1.49 0.00	34.16 1.53 0.00	41.18 1.77 0.00	52.07 1.76 0.00	62.70 3.10 0.00	57.25 2.15 0.00	45.26 1.82 0.00	40.54 1.78 0.00	34.03 1.71 0.00	30.76 1.88 0.00
ASTORIA_GT_8 24108	31.96 1.49 -0.01	30.63 1.40 -0.01	28.55 1.23 -0.01	28.01 1.21 -0.01	29.06 1.25 0.00	33.01 0.87 0.01	52.91 1.04 0.01	66.70 2.07 0.01	54.95 1.13 0.00	40.57 0.87 0.00	35.14 1.32 0.00	32.48 1.22 0.00	30.48 1.26 0.00	30.15 1.38 0.00	30.75 1.49 0.00	34.16 1.53 0.00	41.18 1.77 0.00	52.07 1.76 0.00	62.70 3.10 0.00	57.25 2.15 0.00	45.26 1.82 0.00	40.54 1.78 0.00	34.03 1.71 0.00	30.76 1.88 0.00
ASTORIA___2 24149	31.90 1.43 -0.01	30.60 1.37 -0.01	28.49 1.17 -0.01	28.02 1.21 -0.01	29.03 1.22 0.00	32.98 0.83 0.01	52.86 0.98 0.01	66.57 1.94 0.01	54.83 1.02 0.01	40.60 0.91 0.01	35.02 1.22 0.01	32.47 1.22 0.01	30.44 1.23 0.01	30.08 1.32 0.01	30.68 1.43 0.01	34.09 1.47 0.01	41.09 1.69 0.01	52.02 1.71 0.01	62.52 2.92 0.01	57.07 1.98 0.01	45.12 1.69 0.01	40.46 1.70 0.01	33.96 1.65 0.00	30.71 1.82 -0.01
ASTORIA___3 23516	32.02 1.55 -0.01	30.66 1.43 -0.01	28.58 1.26 -0.01	28.07 1.26 -0.01	29.03 1.22 0.00	33.15 1.00 0.00	53.12 1.24 0.01	67.09 2.46 0.01	55.16 1.35 0.00	40.85 1.15 0.00	35.24 1.42 0.00	32.63 1.37 0.00	30.59 1.37 0.00	30.23 1.47 0.00	30.80 1.55 0.00	34.26 1.63 0.00	41.33 1.93 0.00	52.33 2.01 0.00	62.88 3.28 0.00	57.41 2.31 0.00	45.40 1.96 0.00	40.74 1.98 0.00	34.15 1.84 0.00	30.64 1.76 0.00
ASTORIA___4 23517	31.99 1.52 -0.01	30.66 1.43 -0.01	28.58 1.26 -0.01	28.04 1.23 -0.01	29.03 1.22 0.00	33.15 1.00 0.00	53.07 1.19 0.01	67.09 2.46 0.01	55.16 1.35 0.00	40.77 1.07 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.56 1.34 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.26 1.63 0.00	41.33 1.93 0.00	52.28 1.96 0.00	62.94 3.34 0.00	57.47 2.37 0.00	45.44 2.00 0.00	40.78 2.02 0.00	34.16 1.84 0.00	30.64 1.76 0.00
ASTORIA___5 23518	32.02 1.55 -0.01	30.66 1.43 -0.01	28.58 1.26 -0.01	28.07 1.26 -0.01	29.03 1.22 0.00	33.15 1.00 0.00	53.12 1.24 0.01	67.09 2.46 0.01	55.16 1.35 0.00	40.85 1.15 0.00	35.24 1.42 0.00	32.63 1.37 0.00	30.59 1.37 0.00	30.23 1.47 0.00	30.80 1.55 0.00	34.26 1.63 0.00	41.33 1.93 0.00	52.33 2.01 0.00	62.88 3.28 0.00	57.41 2.31 0.00	45.40 1.96 0.00	40.74 1.98 0.00	34.15 1.84 0.00	30.64 1.76 0.00
AST_ENERGY_2_CC3 323677	31.77 1.31 0.00	30.44 1.23 0.00	28.38 1.06 0.00	27.87 1.07 0.00	28.86 1.06 0.00	33.07 0.93 0.02	53.32 1.45 0.02	67.34 2.71 0.02	55.36 1.56 0.02	40.87 1.19 0.02	35.16 1.35 0.02	32.53 1.28 0.02	30.49 1.28 0.02	30.10 1.35 0.02	30.70 1.46 0.02	34.18 1.57 0.02	41.32 1.93 0.02	52.41 2.11 0.02	63.04 3.46 0.02	57.57 2.48 0.02	45.51 2.08 0.02	40.72 1.98 0.02	34.02 1.71 0.01	30.41 1.53 0.00
AST_ENERGY_2_CC4 323678	31.77 1.31 0.00	30.44 1.23 0.00	28.38 1.06 0.00	27.87 1.07 0.00	28.86 1.06 0.00	33.07 0.93 0.02	53.32 1.45 0.02	67.34 2.71 0.02	55.36 1.56 0.02	40.87 1.19 0.02	35.16 1.35 0.02	32.53 1.28 0.02	30.49 1.28 0.02	30.10 1.35 0.02	30.70 1.46 0.02	34.18 1.57 0.02	41.32 1.93 0.02	52.41 2.11 0.02	63.04 3.46 0.02	57.57 2.48 0.02	45.51 2.08 0.02	40.72 1.98 0.02	34.02 1.71 0.01	30.41 1.53 0.00

ATHENS_STG_1 23668	31.19 0.73 0.00	29.92 0.70 0.00	27.91 0.60 0.00	27.42 0.62 0.00	28.42 0.61 0.00	32.76 0.61 0.00	52.82 0.93 0.00	66.32 1.68 0.00	54.57 0.75 0.00	40.21 0.51 0.00	34.36 0.54 0.00	31.76 0.50 0.00	29.75 0.53 0.00	29.31 0.55 0.00	29.87 0.62 0.00	33.35 0.72 0.00	40.47 1.06 0.00	51.57 1.26 0.00	61.63 2.03 0.00	56.53 1.43 0.00	44.61 1.17 0.00	39.88 1.12 0.00	33.28 0.97 0.00	29.74 0.87 0.00
ATHENS_STG_2 23670	31.19 0.73 0.00	29.92 0.70 0.00	27.91 0.60 0.00	27.42 0.62 0.00	28.42 0.61 0.00	32.76 0.61 0.00	52.82 0.93 0.00	66.32 1.68 0.00	54.57 0.75 0.00	40.21 0.51 0.00	34.36 0.54 0.00	31.76 0.50 0.00	29.75 0.53 0.00	29.31 0.55 0.00	29.87 0.62 0.00	33.35 0.72 0.00	40.47 1.06 0.00	51.57 1.26 0.00	61.63 2.03 0.00	56.53 1.43 0.00	44.61 1.17 0.00	39.88 1.12 0.00	33.28 0.97 0.00	29.74 0.87 0.00
ATHENS_STG_3 23677	31.19 0.73 0.00	29.92 0.70 0.00	27.91 0.60 0.00	27.42 0.62 0.00	28.42 0.61 0.00	32.76 0.61 0.00	52.82 0.93 0.00	66.32 1.68 0.00	54.57 0.75 0.00	40.21 0.51 0.00	34.36 0.54 0.00	31.76 0.50 0.00	29.75 0.53 0.00	29.31 0.55 0.00	29.87 0.62 0.00	33.35 0.72 0.00	40.47 1.06 0.00	51.57 1.26 0.00	61.63 2.03 0.00	56.53 1.43 0.00	44.61 1.17 0.00	39.88 1.12 0.00	33.28 0.97 0.00	29.74 0.87 0.00
AUBURN___LFGE 323710	30.32 -0.46 -0.32	28.82 -0.50 -0.10	26.90 -0.41 0.00	26.34 -0.46 0.00	27.39 -0.42 0.00	32.57 -0.32 -0.73	54.80 -0.42 -3.33	68.19 0.19 -3.36	52.53 -1.29 0.00	39.02 -0.67 0.00	33.11 -0.71 0.00	30.70 -0.56 0.00	28.58 -0.64 0.00	28.13 -0.63 0.00	28.49 -0.76 0.00	31.72 -0.91 0.00	38.89 -0.51 0.00	50.45 -0.65 -0.79	60.91 -0.30 -1.60	55.85 -0.66 -1.41	43.57 -0.61 -0.74	38.14 -0.62 0.00	31.76 -0.55 0.00	28.41 -0.52 -0.05
BABYLON_RES_REC 323704	32.50 2.04 0.00	30.91 1.69 0.00	28.79 1.47 0.00	28.25 1.45 0.00	29.36 1.56 0.00	33.82 1.67 0.00	48.40 0.62 4.11	58.78 1.62 7.47	48.16 0.65 6.31	37.71 0.40 2.39	35.51 1.69 0.00	33.26 2.00 0.00	30.88 1.66 0.00	30.61 1.84 0.00	31.30 2.05 0.00	34.66 2.02 -0.01	40.82 1.42 0.00	51.72 1.41 0.00	62.41 2.80 0.00	57.08 1.98 0.00	45.35 1.91 0.00	40.97 2.21 0.00	34.61 2.29 0.00	31.37 2.48 -0.01
BABYLON__69_KV_BK2 356345	32.74 2.28 0.00	31.14 1.93 0.00	29.01 1.69 0.00	28.44 1.63 0.00	29.59 1.78 0.00	34.02 1.86 0.00	48.70 1.04 4.22	59.16 2.20 7.67	48.41 1.08 6.48	37.88 0.64 2.45	35.88 2.06 0.00	33.39 2.13 0.00	31.12 1.90 0.00	30.84 2.07 0.00	31.59 2.34 0.00	35.38 2.74 -0.01	41.73 2.32 0.00	53.28 2.97 0.00	64.25 4.65 0.00	58.85 3.75 0.00	46.52 3.08 0.00	41.82 3.06 0.00	34.87 2.55 0.00	31.65 2.77 0.00
BALL_HILL_WT_PWR 323825	29.85 -0.61 0.00	28.37 -0.85 0.00	26.68 -0.63 0.00	26.02 -0.78 0.00	27.19 -0.61 0.00	31.64 -0.52 0.00	50.59 -1.30 0.00	64.51 -0.13 0.00	51.83 -1.99 0.00	39.10 -0.59 0.00	33.31 -0.51 0.00	30.89 -0.37 0.00	28.81 -0.41 0.00	28.59 -0.17 0.00	28.64 -0.62 0.00	31.62 -1.01 0.00	37.91 -1.50 0.00	47.60 -2.72 0.00	57.52 -2.09 0.00	51.87 -3.20 0.04	40.75 -2.69 0.00	36.32 -2.44 0.00	30.57 -1.75 0.00	27.55 -1.33 0.00
BARON_WINDS___WT_PWR 323822	30.23 -0.30 -0.07	28.74 -0.50 -0.02	26.99 -0.33 0.00	26.32 -0.48 0.00	27.47 -0.33 0.00	32.16 -0.16 -0.17	52.15 -0.42 -0.69	66.04 0.71 -0.69	52.69 -1.13 0.00	39.46 -0.24 0.00	33.48 -0.34 0.00	31.01 -0.25 0.00	28.90 -0.32 0.00	28.56 -0.20 0.00	28.79 -0.47 0.00	31.91 -0.72 0.00	38.54 -0.87 0.00	48.97 -1.51 -0.16	58.98 -0.96 -0.33	53.55 -1.82 -0.26	41.98 -1.61 -0.15	37.25 -1.51 0.00	31.25 -1.07 0.00	28.08 -0.81 -0.01
BARRETT_IC_1 23704	32.32 1.86 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.22 1.42 0.00	33.63 1.48 0.00	52.28 0.57 0.18	65.84 1.55 0.35	54.17 0.65 0.29	40.12 0.51 0.09	35.44 1.62 0.00	33.07 1.81 0.00	30.80 1.58 0.00	30.46 1.70 0.00	31.16 1.90 0.00	34.76 2.12 -0.01	40.90 1.50 0.00	51.77 1.46 0.00	62.41 2.80 0.00	57.08 1.98 0.00	45.13 1.69 0.00	40.85 2.09 0.00	34.38 2.07 0.00	31.02 2.14 -0.01
BARRETT_IC_10 23701	32.32 1.86 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.22 1.42 0.00	33.63 1.48 0.00	52.28 0.57 0.18	65.84 1.55 0.35	54.17 0.65 0.29	40.12 0.51 0.09	35.44 1.62 0.00	33.07 1.81 0.00	30.80 1.58 0.00	30.46 1.70 0.00	31.16 1.90 0.00	34.76 2.12 -0.01	40.90 1.50 0.00	51.77 1.46 0.00	62.41 2.80 0.00	57.08 1.98 0.00	45.13 1.69 0.00	40.85 2.09 0.00	34.38 2.07 0.00	31.02 2.14 -0.01
BARRETT_IC_11 23702	32.32 1.86 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.22 1.42 0.00	33.63 1.48 0.00	52.28 0.57 0.18	65.84 1.55 0.35	54.17 0.65 0.29	40.12 0.51 0.09	35.44 1.62 0.00	33.07 1.81 0.00	30.80 1.58 0.00	30.46 1.70 0.00	31.16 1.90 0.00	34.76 2.12 -0.01	40.90 1.50 0.00	51.77 1.46 0.00	62.41 2.80 0.00	57.08 1.98 0.00	45.13 1.69 0.00	40.85 2.09 0.00	34.38 2.07 0.00	31.02 2.14 -0.01
BARRETT_IC_12 23703	32.32 1.86 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.22 1.42 0.00	33.63 1.48 0.00	52.28 0.57 0.18	65.84 1.55 0.35	54.17 0.65 0.29	40.12 0.51 0.09	35.44 1.62 0.00	33.07 1.81 0.00	30.80 1.58 0.00	30.46 1.70 0.00	31.16 1.90 0.00	34.76 2.12 -0.01	40.90 1.50 0.00	51.77 1.46 0.00	62.41 2.80 0.00	57.08 1.98 0.00	45.13 1.69 0.00	40.85 2.09 0.00	34.38 2.07 0.00	31.02 2.14 -0.01
BARRETT_IC_2 23705	32.32 1.86 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.22 1.42 0.00	33.63 1.48 0.00	52.28 0.57 0.18	65.84 1.55 0.35	54.17 0.65 0.29	40.12 0.51 0.09	35.44 1.62 0.00	33.07 1.81 0.00	30.80 1.58 0.00	30.46 1.70 0.00	31.16 1.90 0.00	34.76 2.12 -0.01	40.90 1.50 0.00	51.77 1.46 0.00	62.41 2.80 0.00	57.08 1.98 0.00	45.13 1.69 0.00	40.85 2.09 0.00	34.38 2.07 0.00	31.02 2.14 -0.01
BARRETT_IC_3 23706	32.32 1.86 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.22 1.42 0.00	33.63 1.48 0.00	52.28 0.57 0.18	65.84 1.55 0.35	54.17 0.65 0.29	40.12 0.51 0.09	35.44 1.62 0.00	33.07 1.81 0.00	30.80 1.58 0.00	30.46 1.70 0.00	31.16 1.90 0.00	34.76 2.12 -0.01	40.90 1.50 0.00	51.77 1.46 0.00	62.41 2.80 0.00	57.08 1.98 0.00	45.13 1.69 0.00	40.85 2.09 0.00	34.38 2.07 0.00	31.02 2.14 -0.01
BARRETT_IC_4 23707	32.32 1.86 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.22 1.42 0.00	33.63 1.48 0.00	52.28 0.57 0.18	65.84 1.55 0.35	54.17 0.65 0.29	40.12 0.51 0.09	35.44 1.62 0.00	33.07 1.81 0.00	30.80 1.58 0.00	30.46 1.70 0.00	31.16 1.90 0.00	34.76 2.12 -0.01	40.90 1.50 0.00	51.77 1.46 0.00	62.41 2.80 0.00	57.08 1.98 0.00	45.13 1.69 0.00	40.85 2.09 0.00	34.38 2.07 0.00	31.02 2.14 -0.01

BARRETT_IC_5 23708	32.32 1.86 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.22 1.42 0.00	33.63 1.48 0.00	52.28 0.57 0.18	65.84 1.55 0.35	54.17 0.65 0.29	40.12 0.51 0.09	35.44 1.62 0.00	33.07 1.81 0.00	30.80 1.58 0.00	30.46 1.70 0.00	31.16 1.90 0.00	34.76 2.12 -0.01	40.90 1.50 0.00	51.77 1.46 0.00	62.41 2.80 0.00	57.08 1.98 0.00	45.13 1.69 0.00	40.85 2.09 0.00	34.38 2.07 0.00	31.02 2.14 -0.01
BARRETT_IC_6 23709	32.32 1.86 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.22 1.42 0.00	33.63 1.48 0.00	52.28 0.57 0.18	65.84 1.55 0.35	54.17 0.65 0.29	40.12 0.51 0.09	35.44 1.62 0.00	33.07 1.81 0.00	30.80 1.58 0.00	30.46 1.70 0.00	31.16 1.90 0.00	34.76 2.12 -0.01	40.90 1.50 0.00	51.77 1.46 0.00	62.41 2.80 0.00	57.08 1.98 0.00	45.13 1.69 0.00	40.85 2.09 0.00	34.38 2.07 0.00	31.02 2.14 -0.01
BARRETT_IC_7 23710	32.32 1.86 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.14 1.34 0.00	29.22 1.42 0.00	33.57 1.41 0.00	52.28 0.57 0.18	65.91 1.62 0.35	54.17 0.65 0.29	40.04 0.44 0.09	35.51 1.69 0.00	32.95 1.69 0.00	30.77 1.55 0.00	30.43 1.67 0.00	31.13 1.87 0.00	34.79 2.15 -0.01	40.98 1.58 0.00	51.97 1.66 0.00	62.58 2.98 0.00	57.30 2.20 0.00	45.26 1.82 0.00	40.85 2.09 0.00	34.38 2.07 0.00	31.02 2.14 0.00
BARRETT_IC_8 23711	32.32 1.86 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.22 1.42 0.00	33.63 1.48 0.00	52.28 0.57 0.18	65.84 1.55 0.35	54.17 0.65 0.29	40.12 0.51 0.09	35.44 1.62 0.00	33.07 1.81 0.00	30.80 1.58 0.00	30.46 1.70 0.00	31.16 1.90 0.00	34.76 2.12 -0.01	40.90 1.50 0.00	51.77 1.46 0.00	62.41 2.80 0.00	57.08 1.98 0.00	45.13 1.69 0.00	40.85 2.09 0.00	34.38 2.07 0.00	31.02 2.14 -0.01
BARRETT_IC_9 23700	32.32 1.86 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.22 1.42 0.00	33.63 1.48 0.00	52.28 0.57 0.18	65.84 1.55 0.35	54.17 0.65 0.29	40.12 0.51 0.09	35.44 1.62 0.00	33.07 1.81 0.00	30.80 1.58 0.00	30.46 1.70 0.00	31.16 1.90 0.00	34.76 2.12 -0.01	40.90 1.50 0.00	51.77 1.46 0.00	62.41 2.80 0.00	57.08 1.98 0.00	45.13 1.69 0.00	40.85 2.09 0.00	34.38 2.07 0.00	31.02 2.14 -0.01
BARRETT___1 23545	32.32 1.86 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.22 1.42 0.00	33.63 1.48 0.00	52.28 0.57 0.18	65.84 1.55 0.35	54.17 0.65 0.29	40.12 0.51 0.09	35.44 1.62 0.00	33.07 1.81 0.00	30.80 1.58 0.00	30.46 1.70 0.00	31.16 1.90 0.00	34.76 2.12 -0.01	40.90 1.50 0.00	51.77 1.46 0.00	62.41 2.80 0.00	57.08 1.98 0.00	45.13 1.69 0.00	40.85 2.09 0.00	34.38 2.07 0.00	31.02 2.14 -0.01
BARRETT___2 23546	32.32 1.86 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.22 1.42 0.00	33.63 1.48 0.00	52.28 0.57 0.18	65.84 1.55 0.35	54.17 0.65 0.29	40.12 0.51 0.09	35.44 1.62 0.00	33.07 1.81 0.00	30.80 1.58 0.00	30.46 1.70 0.00	31.16 1.90 0.00	34.76 2.12 -0.01	40.90 1.50 0.00	51.77 1.46 0.00	62.41 2.80 0.00	57.08 1.98 0.00	45.13 1.69 0.00	40.85 2.09 0.00	34.38 2.07 0.00	31.02 2.14 -0.01
BATAVIA__115KV_TB1 55881	29.70 -0.76 0.00	28.28 -0.93 0.00	26.60 -0.71 0.00	26.05 -0.75 0.00	27.11 -0.70 0.00	31.61 -0.55 0.00	50.53 -1.35 0.00	64.71 0.06 0.00	52.04 -1.78 0.00	39.26 -0.44 0.00	33.34 -0.47 0.00	31.04 -0.22 0.00	28.87 -0.35 0.00	28.48 -0.29 0.00	28.55 -0.70 0.00	31.62 -1.01 0.00	37.98 -1.42 0.00	47.85 -2.47 0.00	57.82 -1.79 0.00	52.41 -2.64 0.04	41.18 -2.26 0.00	36.78 -1.98 0.00	30.80 -1.52 0.00	27.64 -1.24 0.00
BAYONEEC___CTG1 323682	31.83 1.37 0.00	30.47 1.26 0.00	28.41 1.09 0.00	27.90 1.10 0.00	28.89 1.08 0.00	33.15 1.00 0.00	53.39 1.51 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.97 1.27 0.00	35.24 1.42 0.00	32.60 1.34 0.00	30.54 1.32 0.00	30.17 1.41 0.00	30.77 1.52 0.00	34.23 1.60 0.00	41.37 1.97 0.00	52.48 2.16 0.00	63.12 3.52 0.00	57.64 2.54 0.00	45.61 2.17 0.00	40.81 2.05 0.00	34.06 1.74 0.00	30.44 1.56 0.00
BAYONEEC___CTG10 323750	31.83 1.37 0.00	30.47 1.26 0.00	28.41 1.09 0.00	27.90 1.10 0.00	28.89 1.08 0.00	33.15 1.00 0.00	53.39 1.51 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.97 1.27 0.00	35.24 1.42 0.00	32.60 1.34 0.00	30.54 1.32 0.00	30.17 1.41 0.00	30.77 1.52 0.00	34.23 1.60 0.00	41.37 1.97 0.00	52.48 2.16 0.00	63.12 3.52 0.00	57.64 2.54 0.00	45.61 2.17 0.00	40.81 2.05 0.00	34.06 1.74 0.00	30.44 1.56 0.00
BAYONEEC___CTG2 323683	31.83 1.37 0.00	30.47 1.26 0.00	28.41 1.09 0.00	27.90 1.10 0.00	28.89 1.08 0.00	33.15 1.00 0.00	53.39 1.51 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.97 1.27 0.00	35.24 1.42 0.00	32.60 1.34 0.00	30.54 1.32 0.00	30.17 1.41 0.00	30.77 1.52 0.00	34.23 1.60 0.00	41.37 1.97 0.00	52.48 2.16 0.00	63.12 3.52 0.00	57.64 2.54 0.00	45.61 2.17 0.00	40.81 2.05 0.00	34.06 1.74 0.00	30.44 1.56 0.00
BAYONEEC___CTG3 323684	31.83 1.37 0.00	30.47 1.26 0.00	28.41 1.09 0.00	27.90 1.10 0.00	28.89 1.08 0.00	33.15 1.00 0.00	53.39 1.51 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.97 1.27 0.00	35.24 1.42 0.00	32.60 1.34 0.00	30.54 1.32 0.00	30.17 1.41 0.00	30.77 1.52 0.00	34.23 1.60 0.00	41.37 1.97 0.00	52.48 2.16 0.00	63.12 3.52 0.00	57.64 2.54 0.00	45.61 2.17 0.00	40.81 2.05 0.00	34.06 1.74 0.00	30.44 1.56 0.00
BAYONEEC___CTG4 323685	31.83 1.37 0.00	30.47 1.26 0.00	28.41 1.09 0.00	27.90 1.10 0.00	28.89 1.08 0.00	33.15 1.00 0.00	53.39 1.51 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.97 1.27 0.00	35.24 1.42 0.00	32.60 1.34 0.00	30.54 1.32 0.00	30.17 1.41 0.00	30.77 1.52 0.00	34.23 1.60 0.00	41.37 1.97 0.00	52.48 2.16 0.00	63.12 3.52 0.00	57.64 2.54 0.00	45.61 2.17 0.00	40.81 2.05 0.00	34.06 1.74 0.00	30.44 1.56 0.00
BAYONEEC___CTG5 323686	31.83 1.37 0.00	30.47 1.26 0.00	28.41 1.09 0.00	27.90 1.10 0.00	28.89 1.08 0.00	33.15 1.00 0.00	53.39 1.51 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.97 1.27 0.00	35.24 1.42 0.00	32.60 1.34 0.00	30.54 1.32 0.00	30.17 1.41 0.00	30.77 1.52 0.00	34.23 1.60 0.00	41.37 1.97 0.00	52.48 2.16 0.00	63.12 3.52 0.00	57.64 2.54 0.00	45.61 2.17 0.00	40.81 2.05 0.00	34.06 1.74 0.00	30.44 1.56 0.00
BAYONEEC___CTG6 323687	31.83 1.37 0.00	30.47 1.26 0.00	28.41 1.09 0.00	27.90 1.10 0.00	28.89 1.08 0.00	33.15 1.00 0.00	53.39 1.51 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.97 1.27 0.00	35.24 1.42 0.00	32.60 1.34 0.00	30.54 1.32 0.00	30.17 1.41 0.00	30.77 1.52 0.00	34.23 1.60 0.00	41.37 1.97 0.00	52.48 2.16 0.00	63.12 3.52 0.00	57.64 2.54 0.00	45.61 2.17 0.00	40.81 2.05 0.00	34.06 1.74 0.00	30.44 1.56 0.00

BAYONEEC___CTG7 323688	31.83 1.37 0.00	30.47 1.26 0.00	28.41 1.09 0.00	27.90 1.10 0.00	28.89 1.08 0.00	33.15 1.00 0.00	53.39 1.51 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.97 1.27 0.00	35.24 1.42 0.00	32.60 1.34 0.00	30.54 1.32 0.00	30.17 1.41 0.00	30.77 1.52 0.00	34.23 1.60 0.00	41.37 1.97 0.00	52.48 2.16 0.00	63.12 3.52 0.00	57.64 2.54 0.00	45.61 2.17 0.00	40.81 2.05 0.00	34.06 1.74 0.00	30.44 1.56 0.00
BAYONEEC___CTG8 323689	31.83 1.37 0.00	30.47 1.26 0.00	28.41 1.09 0.00	27.90 1.10 0.00	28.89 1.08 0.00	33.15 1.00 0.00	53.39 1.51 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.97 1.27 0.00	35.24 1.42 0.00	32.60 1.34 0.00	30.54 1.32 0.00	30.17 1.41 0.00	30.77 1.52 0.00	34.23 1.60 0.00	41.37 1.97 0.00	52.48 2.16 0.00	63.12 3.52 0.00	57.64 2.54 0.00	45.61 2.17 0.00	40.81 2.05 0.00	34.06 1.74 0.00	30.44 1.56 0.00
BAYONEEC___CTG9 323749	31.83 1.37 0.00	30.47 1.26 0.00	28.41 1.09 0.00	27.90 1.10 0.00	28.89 1.08 0.00	33.15 1.00 0.00	53.39 1.51 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.97 1.27 0.00	35.24 1.42 0.00	32.60 1.34 0.00	30.54 1.32 0.00	30.17 1.41 0.00	30.77 1.52 0.00	34.23 1.60 0.00	41.37 1.97 0.00	52.48 2.16 0.00	63.12 3.52 0.00	57.64 2.54 0.00	45.61 2.17 0.00	40.81 2.05 0.00	34.06 1.74 0.00	30.44 1.56 0.00
BEACON___LESR 323632	31.37 0.91 0.00	30.15 0.93 0.00	28.13 0.82 0.00	27.60 0.80 0.00	28.67 0.86 0.00	33.15 1.00 0.00	53.44 1.56 0.00	67.16 2.52 0.00	55.27 1.45 0.00	40.57 0.87 0.00	34.53 0.71 0.00	31.85 0.59 0.00	29.83 0.61 0.00	29.34 0.58 0.00	29.90 0.64 0.00	33.45 0.82 0.00	40.86 1.46 0.00	52.33 2.01 0.00	62.52 2.92 0.00	57.31 2.21 0.00	45.13 1.69 0.00	40.31 1.55 0.00	33.57 1.26 0.00	29.98 1.10 0.00
BEAVER RIVER___HYD 24048	31.06 0.43 -0.17	29.71 0.44 -0.05	27.72 0.41 0.00	27.23 0.43 0.00	28.31 0.50 0.00	33.26 0.71 -0.40	57.05 3.11 -2.06	71.04 4.33 -2.07	56.62 2.80 0.00	40.93 1.23 0.00	34.46 0.64 0.00	31.85 0.59 0.00	29.66 0.44 0.00	29.08 0.32 0.00	29.46 0.21 0.00	32.92 0.29 0.00	40.43 1.02 0.00	52.71 1.91 -0.49	63.34 2.74 -0.99	58.39 2.42 -0.87	45.63 1.74 -0.45	39.53 0.77 0.00	32.64 0.32 0.00	29.17 0.26 -0.03
BEEBEE_GT_13 23619	29.58 -0.88 0.00	28.25 -0.96 0.00	26.49 -0.82 0.00	25.97 -0.83 0.00	27.00 -0.81 0.00	31.38 -0.77 0.00	50.38 -1.50 0.00	64.06 -0.58 0.00	51.77 -2.05 0.00	38.82 -0.87 0.00	33.01 -0.81 0.00	30.70 -0.56 0.00	28.58 -0.64 0.00	28.13 -0.63 0.00	28.35 -0.91 0.00	31.46 -1.17 0.00	38.10 -1.30 0.00	48.25 -2.06 0.00	57.93 -1.67 0.00	52.91 -2.15 0.04	41.57 -1.87 0.00	37.09 -1.67 0.00	30.96 -1.36 0.00	27.72 -1.16 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.26 1.80 -0.01	30.89 1.67 -0.01	28.79 1.47 -0.01	28.23 1.42 -0.01	29.22 1.42 0.00	33.38 1.22 0.00	53.33 1.45 0.01	67.35 2.71 0.01	55.43 1.61 0.00	40.97 1.27 0.00	35.54 1.72 0.00	32.86 1.59 0.00	30.77 1.55 0.00	30.46 1.70 0.00	31.07 1.81 0.00	34.55 1.93 0.00	41.61 2.21 0.00	52.63 2.31 0.00	63.42 3.81 0.00	57.85 2.75 0.00	45.74 2.30 0.00	41.09 2.33 0.00	34.48 2.17 0.00	30.87 1.99 0.00
BETHLEHEM___GRP 23843	30.98 0.52 0.00	29.77 0.56 0.00	27.78 0.46 0.00	27.26 0.46 0.00	28.31 0.50 0.00	32.67 0.51 0.00	52.61 0.73 0.00	66.06 1.42 0.00	54.36 0.54 0.00	39.94 0.24 0.00	34.05 0.24 0.00	31.45 0.19 0.00	29.45 0.23 0.00	28.99 0.23 0.00	29.55 0.29 0.00	33.02 0.39 0.00	40.23 0.83 0.00	51.42 1.11 0.00	61.39 1.79 0.00	56.37 1.27 0.00	44.44 1.00 0.00	39.69 0.93 0.00	33.09 0.78 0.00	29.54 0.66 0.00
BETHLEHEM___GS1 323560	30.98 0.52 0.00	29.77 0.55 0.00	27.78 0.46 0.00	27.28 0.48 0.00	28.31 0.50 0.00	32.67 0.51 0.00	52.61 0.73 0.00	66.06 1.42 0.00	54.41 0.59 0.00	39.94 0.24 0.00	34.06 0.24 0.00	31.45 0.19 0.00	29.45 0.23 0.00	28.99 0.23 0.00	29.55 0.29 0.00	33.02 0.39 0.00	40.23 0.83 0.00	51.42 1.11 0.00	61.39 1.79 0.00	56.37 1.27 0.00	44.44 1.00 0.00	39.69 0.93 0.00	33.09 0.77 0.00	29.54 0.66 0.00
BETHLEHEM___GS2 323561	30.98 0.52 0.00	29.77 0.55 0.00	27.78 0.46 0.00	27.28 0.48 0.00	28.31 0.50 0.00	32.67 0.51 0.00	52.61 0.73 0.00	66.06 1.42 0.00	54.41 0.59 0.00	39.94 0.24 0.00	34.06 0.24 0.00	31.45 0.19 0.00	29.45 0.23 0.00	28.99 0.23 0.00	29.55 0.29 0.00	33.02 0.39 0.00	40.23 0.83 0.00	51.42 1.11 0.00	61.39 1.79 0.00	56.37 1.27 0.00	44.44 1.00 0.00	39.69 0.93 0.00	33.09 0.77 0.00	29.54 0.66 0.00
BETHLEHEM___GS3 323562	30.98 0.52 0.00	29.77 0.55 0.00	27.78 0.46 0.00	27.28 0.48 0.00	28.31 0.50 0.00	32.67 0.51 0.00	52.61 0.73 0.00	66.06 1.42 0.00	54.41 0.59 0.00	39.94 0.24 0.00	34.06 0.24 0.00	31.45 0.19 0.00	29.45 0.23 0.00	28.99 0.23 0.00	29.55 0.29 0.00	33.02 0.39 0.00	40.23 0.83 0.00	51.42 1.11 0.00	61.39 1.79 0.00	56.37 1.27 0.00	44.44 1.00 0.00	39.69 0.93 0.00	33.09 0.77 0.00	29.54 0.66 0.00
BETHLEHEM___STEEL 23779	29.73 -0.73 0.00	28.28 -0.93 0.00	26.63 -0.68 0.00	26.05 -0.75 0.00	27.11 -0.70 0.00	31.58 -0.58 0.00	50.43 -1.45 0.00	64.25 -0.39 0.00	51.72 -2.10 0.00	39.02 -0.67 0.00	33.28 -0.54 0.00	31.01 -0.25 0.00	28.87 -0.35 0.00	28.56 -0.20 0.00	28.61 -0.64 0.00	31.59 -1.04 0.00	37.83 -1.58 0.00	47.45 -2.87 0.00	57.28 -2.32 0.00	51.59 -3.47 0.04	40.66 -2.78 0.00	36.28 -2.48 0.00	30.57 -1.74 0.00	27.55 -1.33 0.00
BETHLHEM_115KV_TB1 79974	31.01 0.55 0.00	29.77 0.56 0.00	27.80 0.49 0.00	27.28 0.48 0.00	28.31 0.50 0.00	32.67 0.51 0.00	52.66 0.78 0.00	66.06 1.42 0.00	54.41 0.59 0.00	39.98 0.28 0.00	34.09 0.27 0.00	31.48 0.22 0.00	29.48 0.26 0.00	29.02 0.26 0.00	29.58 0.32 0.00	33.05 0.42 0.00	40.27 0.87 0.00	51.47 1.16 0.00	61.45 1.85 0.00	56.37 1.27 0.00	44.44 1.00 0.00	39.73 0.97 0.00	33.09 0.78 0.00	29.57 0.69 0.00
BETHPAGE_CC_5 323564	32.44 1.98 0.00	30.88 1.66 0.00	28.79 1.47 0.00	28.25 1.45 0.00	29.33 1.53 0.00	33.63 1.48 0.00	48.51 0.41 3.78	59.13 1.36 6.87	48.44 0.43 5.80	37.86 0.36 2.20	35.41 1.59 0.00	33.17 1.91 0.00	30.83 1.61 0.00	30.55 1.78 0.00	31.21 1.96 0.00	34.83 2.19 -0.01	40.98 1.58 0.00	52.07 1.76 0.00	62.82 3.22 0.00	57.41 2.31 0.00	45.44 2.00 0.00	41.01 2.25 0.00	34.48 2.17 0.00	31.26 2.37 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.82 -0.64 0.00	28.37 -0.85 0.00	26.68 -0.63 0.00	26.10 -0.70 0.00	27.19 -0.61 0.00	31.67 -0.48 0.00	50.64 -1.25 0.00	64.45 -0.19 0.00	51.94 -1.88 0.00	39.18 -0.52 0.00	33.41 -0.41 0.00	31.10 -0.16 0.00	28.96 -0.26 0.00	28.68 -0.09 0.00	28.70 -0.56 0.00	31.68 -0.95 0.00	37.95 -1.46 0.00	47.65 -2.67 0.00	57.52 -2.09 0.00	51.76 -3.31 0.04	40.79 -2.65 0.00	36.40 -2.36 0.00	30.67 -1.65 0.00	27.64 -1.24 0.00

BINGHAMTON___COGEN 23790	30.62 0.03 -0.13	29.17 -0.09 -0.04	27.28 -0.03 0.00	26.72 -0.08 0.00	27.78 -0.03 0.00	32.56 0.10 -0.31	53.43 0.21 -1.34	66.96 0.97 -1.35	53.44 -0.38 0.00	39.62 -0.08 0.00	33.65 -0.17 0.00	31.17 -0.09 0.00	29.10 -0.12 0.00	28.65 -0.12 0.00	29.05 -0.20 0.00	32.30 -0.33 0.00	39.28 -0.12 0.00	50.38 -0.25 -0.32	60.54 0.30 -0.64	55.38 -0.28 -0.56	43.43 -0.30 -0.30	38.45 -0.31 0.00	32.18 -0.13 0.00	28.81 -0.09 -0.02
BIXINCNT_115KV_LOAD 355685	30.09 -0.37 0.00	28.60 -0.61 0.00	26.93 -0.38 0.00	26.34 -0.46 0.00	27.47 -0.33 0.00	31.93 -0.23 0.00	51.21 -0.67 0.00	65.22 0.58 0.00	52.58 -1.24 0.00	39.58 -0.12 0.00	33.82 0.00 0.00	31.45 0.19 0.00	29.25 0.03 0.00	28.97 0.20 0.00	29.02 -0.23 0.00	31.98 -0.65 0.00	38.30 -1.10 0.00	48.20 -2.11 0.00	57.99 -1.61 0.00	51.87 -3.20 0.03	40.70 -2.74 0.00	36.40 -2.36 0.00	30.60 -1.71 0.00	27.49 -1.39 0.00
BLACK RIVER___HYD 24047	31.00 0.24 -0.29	29.57 0.26 -0.09	27.58 0.27 0.00	27.07 0.27 0.00	28.14 0.33 0.00	33.40 0.58 -0.67	57.75 2.70 -3.17	71.91 4.07 -3.19	56.08 2.26 0.00	40.53 0.83 0.00	34.09 0.27 0.00	31.48 0.22 0.00	29.31 0.09 0.00	28.71 -0.06 0.00	29.08 -0.17 0.00	32.53 -0.10 0.00	40.07 0.67 0.00	52.52 1.46 -0.75	63.51 2.39 -1.52	58.49 2.04 -1.35	45.62 1.48 -0.70	39.38 0.62 0.00	32.54 0.23 0.00	29.07 0.15 -0.05
BLACKRVR_115KV_TB2 79977	31.00 0.24 -0.29	29.57 0.26 -0.09	27.58 0.27 0.00	27.07 0.27 0.00	28.14 0.33 0.00	33.40 0.58 -0.67	57.75 2.70 -3.17	71.90 4.07 -3.19	56.08 2.26 0.00	40.57 0.87 0.00	34.09 0.27 0.00	31.51 0.25 0.00	29.31 0.09 0.00	28.71 -0.06 0.00	29.08 -0.18 0.00	32.53 -0.10 0.00	40.07 0.67 0.00	52.52 1.46 -0.75	63.51 2.38 -1.52	58.43 1.98 -1.35	45.62 1.48 -0.70	39.38 0.62 0.00	32.54 0.23 0.00	29.07 0.14 -0.05
BLISS_WT_PWR 323608	30.06 -0.40 0.00	28.60 -0.61 0.00	26.93 -0.38 0.00	26.29 -0.51 0.00	27.47 -0.33 0.00	31.86 -0.29 0.00	51.11 -0.78 0.00	65.16 0.51 0.00	52.53 -1.29 0.00	39.54 -0.16 0.00	33.82 0.00 0.00	31.32 0.06 0.00	29.13 -0.09 0.00	28.94 0.17 0.00	29.02 -0.24 0.00	31.94 -0.69 0.00	38.26 -1.14 0.00	48.15 -2.16 0.00	57.94 -1.67 0.00	51.93 -3.14 0.03	40.57 -2.87 0.00	36.24 -2.52 0.00	30.44 -1.88 0.00	27.35 -1.53 0.00
BLUESTONE___WT_PWR 323821	32.03 1.46 -0.11	30.62 1.37 -0.03	28.62 1.31 0.00	28.09 1.29 0.00	29.25 1.45 0.00	34.21 1.80 -0.26	56.90 3.89 -1.12	71.71 5.94 -1.13	57.32 3.50 0.00	41.84 2.14 0.00	35.17 1.35 0.00	32.54 1.28 0.00	30.33 1.11 0.00	29.86 1.09 0.00	30.22 0.96 0.00	33.74 1.11 0.00	41.29 1.89 0.00	53.34 2.77 -0.27	64.25 4.11 -0.54	58.59 3.03 -0.47	45.90 2.21 -0.25	40.46 1.70 0.00	33.70 1.39 0.00	30.08 1.18 -0.02
BLUE_CIRC_CHEM_DRP 24182	31.25 0.79 0.00	30.03 0.82 0.00	28.02 0.71 0.00	27.52 0.72 0.00	28.56 0.75 0.00	32.96 0.80 0.00	53.13 1.25 0.00	66.64 2.00 0.00	54.79 0.97 0.00	40.13 0.44 0.00	34.12 0.30 0.00	31.48 0.22 0.00	29.45 0.23 0.00	28.99 0.23 0.00	29.58 0.32 0.00	33.09 0.46 0.00	40.43 1.02 0.00	51.77 1.46 0.00	61.75 2.15 0.00	56.75 1.65 0.00	44.70 1.26 0.00	39.96 1.20 0.00	33.32 1.00 0.00	29.75 0.87 0.00
BOC_GAS_DRP 24189	31.04 0.58 0.00	29.77 0.56 0.00	27.80 0.49 0.00	27.28 0.48 0.00	28.31 0.50 0.00	32.67 0.51 0.00	52.61 0.73 0.00	66.00 1.36 0.00	54.41 0.59 0.00	40.02 0.32 0.00	34.19 0.37 0.00	31.57 0.31 0.00	29.54 0.32 0.00	29.11 0.35 0.00	29.66 0.41 0.00	33.12 0.49 0.00	40.27 0.87 0.00	51.37 1.06 0.00	61.27 1.67 0.00	56.31 1.21 0.00	44.39 0.96 0.00	39.69 0.93 0.00	33.09 0.78 0.00	29.57 0.69 0.00
BOONVILLE_115KV_TB1 79983	31.15 0.61 -0.08	29.86 0.61 -0.03	27.89 0.57 0.00	27.39 0.59 0.00	28.45 0.64 0.00	33.18 0.84 -0.19	55.18 2.33 -0.96	69.10 3.49 -0.97	55.97 2.15 0.00	40.81 1.11 0.00	34.49 0.68 0.00	31.89 0.63 0.00	29.75 0.53 0.00	29.22 0.46 0.00	29.63 0.38 0.00	33.09 0.46 0.00	40.43 1.02 0.00	52.20 1.66 -0.23	62.45 2.38 -0.46	57.43 1.93 -0.41	45.08 1.43 -0.21	39.57 0.81 0.00	32.83 0.52 0.00	29.33 0.43 -0.01
BORALEX_4TH_BRANCH 23824	32.10 1.64 0.00	30.82 1.61 0.00	28.79 1.47 0.00	28.27 1.47 0.00	29.34 1.53 0.00	33.83 1.67 0.00	54.27 2.39 0.00	68.26 3.62 0.00	56.03 2.21 0.00	41.01 1.31 0.00	35.07 1.25 0.00	32.39 1.13 0.00	30.36 1.14 0.00	29.92 1.15 0.00	30.48 1.23 0.00	34.10 1.47 0.00	41.77 2.36 0.00	53.33 3.02 0.00	63.78 4.17 0.00	58.35 3.25 0.00	46.05 2.61 0.00	41.16 2.40 0.00	34.32 2.00 0.00	30.70 1.82 0.00
BOWLINE___1 23526	31.68 1.22 0.00	30.33 1.11 0.00	28.29 0.98 0.00	27.76 0.96 0.00	28.78 0.97 0.00	33.12 0.96 0.00	53.39 1.51 0.00	67.29 2.65 0.00	55.32 1.50 0.00	40.77 1.07 0.00	34.97 1.15 0.00	32.32 1.06 0.00	30.27 1.05 0.00	29.89 1.12 0.00	30.48 1.23 0.00	33.97 1.34 0.00	41.10 1.69 0.00	52.33 2.01 0.00	62.88 3.28 0.00	57.47 2.37 0.00	45.40 1.96 0.00	40.58 1.82 0.00	33.90 1.58 0.00	30.32 1.44 0.00
BOWLINE___2 23595	31.68 1.22 0.00	30.33 1.11 0.00	28.29 0.98 0.00	27.76 0.96 0.00	28.78 0.97 0.00	33.12 0.96 0.00	53.39 1.51 0.00	67.29 2.65 0.00	55.32 1.50 0.00	40.77 1.07 0.00	34.97 1.15 0.00	32.32 1.06 0.00	30.27 1.05 0.00	29.89 1.12 0.00	30.48 1.23 0.00	33.97 1.34 0.00	41.10 1.69 0.00	52.33 2.01 0.00	62.88 3.28 0.00	57.47 2.37 0.00	45.40 1.96 0.00	40.58 1.82 0.00	33.90 1.58 0.00	30.32 1.44 0.00
BRADY___115KV_TB2 356060	31.25 0.79 0.00	30.06 0.85 0.00	28.10 0.79 0.00	27.66 0.86 0.00	28.67 0.86 0.00	33.25 1.09 0.00	61.31 7.99 -1.43	75.91 9.83 -1.44	61.30 7.48 0.00	43.47 3.77 0.00	36.29 2.47 0.00	33.48 2.22 0.00	31.18 1.96 0.00	30.46 1.70 0.00	30.78 1.52 0.00	34.42 1.79 0.00	42.48 3.07 0.00	55.89 5.23 -0.34	66.79 6.50 -0.69	62.04 6.34 -0.61	48.49 4.73 -0.32	41.98 3.22 0.00	34.61 2.29 0.00	30.86 1.96 -0.02
BRANSCOMB___SOLAR 323811	32.01 1.55 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.19 1.39 0.00	29.28 1.47 0.00	33.54 1.38 0.00	54.11 2.23 0.00	68.06 3.42 0.00	55.92 2.10 0.00	40.85 1.15 0.00	34.73 0.91 0.00	32.04 0.78 0.00	30.04 0.82 0.00	29.45 0.69 0.00	29.99 0.73 0.00	33.54 0.91 0.00	41.06 1.65 0.00	52.68 2.37 0.00	63.00 3.40 0.00	57.74 2.64 0.00	45.40 1.96 0.00	40.54 1.78 0.00	33.86 1.55 0.00	30.49 1.62 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	32.65 2.19 0.00	31.03 1.81 0.00	28.90 1.58 0.00	28.33 1.53 0.00	29.47 1.67 0.00	33.89 1.74 0.00	48.06 0.73 4.55	58.18 1.81 8.28	47.64 0.81 6.99	37.45 0.40 2.65	35.78 1.96 0.00	33.23 1.97 0.00	31.00 1.78 0.00	30.72 1.96 0.00	31.48 2.22 0.00	35.25 2.61 -0.01	41.53 2.13 0.00	53.03 2.72 0.00	63.95 4.35 0.00	58.52 3.42 0.00	46.31 2.87 0.00	41.59 2.83 0.00	34.77 2.46 0.00	31.59 2.71 0.00

BRISTLHL_115KV_TB1 79998	30.28 -0.82 -0.64	28.60 -0.82 -0.20	26.57 -0.74 0.00	26.05 -0.75 0.00	27.06 -0.75 0.00	32.85 -0.77 -1.47	57.23 -1.14 -6.49	70.27 -0.90 -6.54	51.56 -2.26 0.00	38.27 -1.43 0.00	32.50 -1.32 0.00	30.10 -1.16 0.00	28.08 -1.14 0.00	27.61 -1.15 0.00	28.03 -1.23 0.00	31.23 -1.40 0.00	38.42 -0.99 0.00	50.54 -1.31 -1.54	61.59 -1.13 -3.12	56.55 -1.32 -2.78	43.79 -1.09 -1.43	37.71 -1.05 0.00	31.44 -0.87 0.00	28.17 -0.81 -0.10
BROOKHAVEN___DRP 24191	32.41 1.95 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.14 1.34 0.00	29.28 1.47 0.00	33.70 1.54 0.00	47.66 0.42 4.64	57.51 1.29 8.42	47.14 0.43 7.11	37.16 0.16 2.69	35.54 1.72 0.00	33.07 1.81 0.00	30.83 1.61 0.00	30.58 1.81 0.00	31.33 2.08 0.00	35.15 2.51 -0.01	41.22 1.81 0.00	52.73 2.42 0.00	63.60 3.99 0.00	58.41 3.31 0.00	46.22 2.78 0.00	41.51 2.75 0.00	34.64 2.33 0.00	31.51 2.63 0.00
BROOKLYN_NAVY_YARD 23515	31.74 1.28 0.00	30.39 1.17 0.00	28.32 1.01 0.00	27.82 1.02 0.00	28.80 1.00 0.01	33.04 0.90 0.02	53.28 1.40 0.00	67.29 2.65 0.00	55.32 1.50 0.00	40.85 1.15 0.00	35.13 1.32 0.00	32.51 1.25 0.00	30.48 1.26 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.16 1.53 0.00	41.29 1.89 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.74 1.98 0.00	33.99 1.68 0.00	30.38 1.50 0.00
BROOKLYN___ARMY_DRP 323595	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
BROOKVLE_69_KV_TB1 55790	32.29 1.83 0.00	30.82 1.61 0.00	28.73 1.42 0.00	28.17 1.37 0.00	29.25 1.45 0.00	33.60 1.45 0.00	51.37 1.35 1.86	63.85 2.59 3.38	52.42 1.45 2.85	39.61 0.99 1.08	35.61 1.79 0.00	33.04 1.78 0.00	30.86 1.64 0.00	30.52 1.75 0.00	31.19 1.93 0.00	34.83 2.19 -0.01	41.53 2.13 0.00	52.83 2.52 0.00	63.66 4.05 0.00	58.19 3.09 0.00	45.96 2.52 0.00	41.24 2.48 0.00	34.45 2.13 0.00	30.99 2.11 0.00
BROOME_2_LFGE 323671	30.62 0.03 -0.13	29.17 -0.09 -0.04	27.28 -0.03 0.00	26.69 -0.11 0.00	27.78 -0.03 0.00	32.53 0.06 -0.31	53.43 0.21 -1.34	66.96 0.97 -1.35	53.44 -0.37 0.00	39.66 -0.04 0.00	33.65 -0.17 0.00	31.14 -0.12 0.00	29.07 -0.15 0.00	28.65 -0.11 0.00	29.05 -0.20 0.00	32.30 -0.33 0.00	39.29 -0.12 0.00	50.38 -0.25 -0.32	60.61 0.36 -0.64	55.38 -0.27 -0.56	43.48 -0.26 -0.30	38.49 -0.27 0.00	32.19 -0.13 0.00	28.81 -0.09 -0.02
BROOME___LFGE 323600	30.62 0.03 -0.13	29.17 -0.09 -0.04	27.28 -0.03 0.00	26.69 -0.11 0.00	27.78 -0.03 0.00	32.53 0.06 -0.31	53.43 0.21 -1.34	66.96 0.97 -1.35	53.44 -0.37 0.00	39.66 -0.04 0.00	33.65 -0.17 0.00	31.14 -0.12 0.00	29.07 -0.15 0.00	28.65 -0.11 0.00	29.05 -0.20 0.00	32.30 -0.33 0.00	39.29 -0.12 0.00	50.38 -0.25 -0.32	60.61 0.36 -0.64	55.38 -0.27 -0.56	43.48 -0.26 -0.30	38.49 -0.27 0.00	32.19 -0.13 0.00	28.81 -0.09 -0.02
BROWNFLS_115KV_TB 3_5 80003	31.07 0.49 -0.12	29.78 0.53 -0.04	27.83 0.52 0.00	27.36 0.56 0.00	28.39 0.58 0.00	33.23 0.80 -0.27	57.84 4.20 -1.76	71.71 5.30 -1.77	57.75 3.93 0.00	41.64 1.95 0.00	34.97 1.15 0.00	32.29 1.03 0.00	30.10 0.88 0.00	29.45 0.69 0.00	29.84 0.59 0.00	33.32 0.69 0.00	40.94 1.54 0.00	53.40 2.67 -0.42	63.78 3.34 -0.84	59.04 3.20 -0.74	46.17 2.35 -0.39	40.08 1.32 0.00	33.09 0.78 0.00	29.57 0.66 -0.03
BROWNSV1_27_KV_LOAD 356125	32.07 1.61 0.00	30.71 1.49 0.00	28.62 1.31 0.00	28.06 1.26 0.00	29.09 1.28 0.00	33.38 1.22 0.00	53.86 1.97 0.00	68.07 3.43 0.00	55.97 2.15 0.00	41.25 1.55 0.00	35.54 1.72 0.00	32.86 1.59 0.00	30.77 1.55 0.00	30.43 1.67 0.00	31.04 1.78 0.00	34.55 1.93 0.00	41.77 2.36 0.00	53.03 2.72 0.00	63.84 4.23 0.00	58.30 3.20 0.00	46.05 2.61 0.00	41.20 2.44 0.00	34.38 2.07 0.00	30.70 1.82 0.00
BURROWS___LYONSDAL 23803	31.14 0.58 -0.10	29.83 0.58 -0.03	27.86 0.55 0.00	27.36 0.56 0.00	28.42 0.61 0.00	33.19 0.80 -0.23	55.60 2.54 -1.17	69.51 3.68 -1.18	56.13 2.31 0.00	40.85 1.15 0.00	34.49 0.68 0.00	31.89 0.63 0.00	29.75 0.53 0.00	29.20 0.43 0.00	29.61 0.35 0.00	33.05 0.42 0.00	40.43 1.02 0.00	52.30 1.71 -0.28	62.67 2.50 -0.56	57.64 2.04 -0.50	45.22 1.52 -0.26	39.54 0.78 0.00	32.73 0.42 0.00	29.24 0.35 -0.02
CAITHNESS_CC_1 323624	32.38 1.92 0.00	30.76 1.55 0.00	28.65 1.34 0.00	28.14 1.34 0.00	29.25 1.45 0.00	33.76 1.61 0.00	47.61 0.37 4.64	57.38 1.16 8.42	46.98 0.27 7.11	37.20 0.20 2.69	35.41 1.59 0.00	33.20 1.94 0.00	30.80 1.58 0.00	30.55 1.78 0.00	31.27 2.02 0.00	34.99 2.35 -0.01	41.02 1.62 0.00	52.33 2.01 0.00	63.18 3.58 0.00	57.96 2.86 0.00	45.87 2.43 0.00	41.36 2.60 0.00	34.58 2.26 0.00	31.43 2.54 -0.01
CALPINE BETH_PAGE_GT4 24209	32.44 1.98 0.00	30.88 1.67 0.00	28.76 1.45 0.00	28.22 1.42 0.00	29.34 1.53 0.00	33.50 1.35 0.00	48.94 0.47 3.41	59.93 1.49 6.19	49.13 0.54 5.23	38.04 0.32 1.98	35.44 1.62 0.00	33.04 1.78 0.00	30.86 1.64 0.00	30.52 1.75 0.00	31.24 1.99 0.00	34.92 2.28 -0.01	41.14 1.73 0.00	52.38 2.06 0.00	63.12 3.52 0.00	57.74 2.64 0.00	45.61 2.17 0.00	41.05 2.29 0.00	34.48 2.17 0.00	31.25 2.37 0.00
CALPINE_BETH_PAGE_GT_4 323586	32.44 1.98 0.00	30.88 1.66 0.00	28.76 1.45 0.00	28.25 1.45 0.00	29.33 1.53 0.00	33.60 1.45 0.00	48.99 0.52 3.41	59.94 1.49 6.19	49.13 0.54 5.23	38.12 0.40 1.98	35.37 1.56 0.00	33.20 1.94 0.00	30.86 1.64 0.00	30.58 1.81 0.00	31.24 1.99 0.00	34.86 2.22 -0.01	41.02 1.62 0.00	52.12 1.81 0.00	62.88 3.28 0.00	57.47 2.37 0.00	45.44 2.00 0.00	41.05 2.29 0.00	34.51 2.20 0.00	31.22 2.34 -0.01
CALPINE_BP_GT1 23823	32.44 1.98 0.00	30.88 1.66 0.00	28.76 1.45 0.00	28.25 1.45 0.00	29.33 1.53 0.00	33.60 1.45 0.00	48.99 0.52 3.41	59.94 1.49 6.19	49.13 0.54 5.23	38.12 0.40 1.98	35.37 1.56 0.00	33.20 1.94 0.00	30.86 1.64 0.00	30.58 1.81 0.00	31.24 1.99 0.00	34.86 2.22 -0.01	41.02 1.62 0.00	52.12 1.81 0.00	62.88 3.28 0.00	57.47 2.37 0.00	45.44 2.00 0.00	41.05 2.29 0.00	34.51 2.20 0.00	31.22 2.34 -0.01
CALSPAN___DRP 24200	29.73 -0.73 0.00	28.28 -0.93 0.00	26.63 -0.68 0.00	26.05 -0.75 0.00	27.11 -0.70 0.00	31.58 -0.58 0.00	50.43 -1.45 0.00	64.25 -0.39 0.00	51.72 -2.10 0.00	39.02 -0.67 0.00	33.28 -0.54 0.00	31.01 -0.25 0.00	28.87 -0.35 0.00	28.56 -0.20 0.00	28.61 -0.64 0.00	31.59 -1.04 0.00	37.83 -1.58 0.00	47.45 -2.87 0.00	57.28 -2.32 0.00	51.59 -3.47 0.04	40.66 -2.78 0.00	36.28 -2.48 0.00	30.57 -1.74 0.00	27.55 -1.33 0.00

CALVERTON___SOLAR 323806	32.47 2.01 0.00	30.85 1.64 0.00	28.73 1.42 0.00	28.22 1.42 0.00	29.33 1.53 0.00	33.86 1.70 0.00	47.82 0.57 4.63	57.64 1.42 8.42	47.19 0.48 7.11	37.32 0.32 2.69	35.51 1.69 0.00	33.36 2.09 0.00	30.91 1.69 0.00	30.66 1.90 0.00	31.42 2.16 0.00	35.15 2.51 -0.01	41.22 1.81 0.00	52.63 2.32 0.00	63.54 3.93 0.00	58.41 3.31 0.00	46.22 2.78 0.00	41.67 2.91 0.00	34.74 2.42 0.00	31.60 2.71 -0.01
CANDIGU_WT_PWR 323617	30.23 -0.30 -0.07	28.74 -0.50 -0.02	26.99 -0.33 0.00	26.32 -0.48 0.00	27.47 -0.33 0.00	32.16 -0.16 -0.17	52.15 -0.42 -0.69	66.04 0.71 -0.69	52.69 -1.13 0.00	39.46 -0.24 0.00	33.48 -0.34 0.00	31.01 -0.25 0.00	28.90 -0.32 0.00	28.56 -0.20 0.00	28.79 -0.47 0.00	31.91 -0.72 0.00	38.54 -0.87 0.00	48.97 -1.51 -0.16	58.98 -0.96 -0.33	53.55 -1.82 -0.26	41.98 -1.61 -0.15	37.25 -1.51 0.00	31.25 -1.07 0.00	28.08 -0.81 -0.01
CARR STREET_E_SYR 24060	30.01 -0.64 -0.19	28.63 -0.64 -0.06	26.74 -0.57 0.00	26.18 -0.62 0.00	27.22 -0.59 0.00	32.02 -0.58 -0.44	52.90 -0.99 -2.00	66.01 -0.65 -2.01	51.93 -1.89 0.00	38.55 -1.15 0.00	32.80 -1.01 0.00	30.39 -0.88 0.00	28.34 -0.88 0.00	27.90 -0.86 0.00	28.29 -0.96 0.00	31.52 -1.11 0.00	38.65 -0.75 0.00	49.63 -1.16 -0.47	59.61 -0.96 -0.96	54.72 -1.21 -0.83	42.88 -1.00 -0.44	37.91 -0.85 0.00	31.60 -0.71 0.00	28.25 -0.66 -0.03
CARTHAGE___PAPER 23857	31.04 0.34 -0.25	29.64 0.35 -0.08	27.67 0.35 0.00	27.18 0.38 0.00	28.22 0.42 0.00	33.40 0.68 -0.57	57.58 2.96 -2.74	71.60 4.20 -2.76	56.40 2.58 0.00	40.77 1.07 0.00	34.29 0.47 0.00	31.70 0.44 0.00	29.48 0.26 0.00	28.91 0.14 0.00	29.28 0.03 0.00	32.73 0.10 0.00	40.31 0.91 0.00	52.72 1.76 -0.65	63.54 2.62 -1.32	58.58 2.31 -1.16	45.74 1.69 -0.61	39.49 0.73 0.00	32.60 0.29 0.00	29.15 0.23 -0.04
CASSADAGA_WT_PWR 323784	30.43 -0.03 0.00	28.92 -0.29 0.00	27.26 -0.05 0.00	26.53 -0.27 0.00	27.78 -0.03 0.00	32.41 0.26 0.00	51.99 0.10 0.00	66.39 1.75 0.00	53.12 -0.70 0.00	40.09 0.40 0.00	34.19 0.37 0.00	31.67 0.41 0.00	29.51 0.29 0.00	29.31 0.55 0.00	29.34 0.09 0.00	32.34 -0.29 0.00	38.69 -0.71 0.00	48.60 -1.71 0.00	58.71 -0.89 0.00	52.70 -2.37 0.03	41.18 -2.26 0.00	36.55 -2.21 0.00	30.63 -1.68 0.00	27.46 -1.41 0.00
CE_DUNWOOD___DRP 24194	31.77 1.31 0.00	30.44 1.23 0.00	28.38 1.07 0.00	27.85 1.05 0.00	28.86 1.06 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.49 2.84 0.00	55.49 1.67 0.00	40.85 1.15 0.00	35.14 1.32 0.00	32.45 1.19 0.00	30.42 1.20 0.00	30.03 1.27 0.00	30.63 1.37 0.00	34.13 1.50 0.00	41.29 1.89 0.00	52.53 2.21 0.00	63.18 3.58 0.00	57.74 2.64 0.00	45.57 2.13 0.00	40.74 1.98 0.00	33.99 1.68 0.00	30.41 1.53 0.00
CE_MILLWOOD___DRP 24193	31.77 1.31 0.00	30.41 1.20 0.00	28.38 1.07 0.00	27.82 1.02 0.00	28.86 1.06 0.00	33.18 1.03 0.00	53.49 1.61 0.00	67.49 2.84 0.00	55.43 1.61 0.00	40.85 1.15 0.00	35.10 1.29 0.00	32.42 1.16 0.00	30.36 1.14 0.00	30.00 1.24 0.00	30.60 1.35 0.00	34.10 1.47 0.00	41.26 1.85 0.00	52.48 2.16 0.00	63.12 3.52 0.00	57.69 2.59 0.00	45.52 2.09 0.00	40.74 1.98 0.00	33.99 1.68 0.00	30.38 1.50 0.00
CE_NYC2_DRP 24202	32.02 1.55 -0.01	30.66 1.43 -0.01	28.60 1.28 -0.01	28.04 1.23 -0.01	29.06 1.25 0.00	33.18 1.03 0.00	53.17 1.30 0.01	67.22 2.59 0.01	55.27 1.45 0.00	40.81 1.11 0.00	35.30 1.49 0.00	32.64 1.38 0.00	30.59 1.37 0.00	30.26 1.50 0.00	30.83 1.58 0.00	34.33 1.70 0.00	41.37 1.97 0.00	52.38 2.06 0.00	63.06 3.46 0.00	57.52 2.42 0.00	45.48 2.04 0.00	40.81 2.05 0.00	34.19 1.87 0.00	30.64 1.76 0.00
CE_NYC_DRP 24195	31.89 1.43 0.00	30.53 1.31 0.00	28.46 1.15 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.22 1.06 0.00	53.54 1.66 0.00	67.68 3.04 0.00	55.59 1.78 0.00	41.01 1.31 0.00	35.34 1.52 0.00	32.67 1.41 0.00	30.59 1.37 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.33 1.70 0.00	41.49 2.09 0.00	52.68 2.36 0.00	63.36 3.76 0.00	57.85 2.75 0.00	45.74 2.30 0.00	40.93 2.17 0.00	34.16 1.84 0.00	30.52 1.65 0.00
CHAFFEE___LFGE 323603	29.76 -0.70 0.00	28.31 -0.91 0.00	26.66 -0.66 0.00	26.00 -0.80 0.00	27.14 -0.67 0.00	31.61 -0.55 0.00	50.49 -1.40 0.00	64.45 -0.19 0.00	51.83 -1.99 0.00	39.14 -0.56 0.00	33.38 -0.44 0.00	30.92 -0.34 0.00	28.84 -0.38 0.00	28.62 -0.14 0.00	28.67 -0.58 0.00	31.65 -0.98 0.00	37.95 -1.46 0.00	47.60 -2.72 0.00	57.52 -2.09 0.00	51.87 -3.20 0.04	40.79 -2.65 0.00	36.39 -2.37 0.00	30.63 -1.68 0.00	27.61 -1.27 0.00
CHATEAUG_35_KV_LOAD 355732	30.98 0.52 0.00	29.80 0.58 0.00	27.89 0.57 0.00	27.44 0.64 0.00	28.42 0.61 0.00	32.99 0.84 0.00	53.70 1.82 0.00	65.22 0.58 0.00	55.54 1.72 0.00	40.93 1.23 0.00	34.66 0.85 0.00	31.98 0.72 0.00	29.86 0.64 0.00	29.31 0.55 0.00	29.78 0.53 0.00	33.22 0.59 0.00	40.31 0.91 0.00	51.57 1.26 0.00	59.60 0.00 0.00	56.15 1.05 0.00	44.18 0.74 0.00	39.30 0.54 0.00	32.77 0.45 0.00	29.31 0.43 0.00
CHATEAUG_WT_PWR 323614	30.85 0.39 0.00	29.68 0.47 0.00	27.75 0.44 0.00	27.31 0.51 0.00	28.28 0.47 0.00	32.83 0.68 0.00	53.23 1.35 0.00	64.90 0.26 0.00	55.11 1.29 0.00	40.41 0.72 0.00	34.49 0.68 0.00	31.85 0.59 0.00	29.72 0.50 0.00	29.20 0.43 0.00	29.66 0.41 0.00	33.09 0.46 0.00	40.15 0.75 0.00	51.22 0.91 0.00	59.43 -0.18 0.00	55.81 0.71 0.00	43.87 0.43 0.00	39.11 0.35 0.00	32.64 0.32 0.00	29.17 0.29 0.00
CHAT_HIGH_FALL_HYD 323578	30.98 0.52 0.00	29.80 0.58 0.00	27.89 0.57 0.00	27.44 0.64 0.00	28.42 0.61 0.00	32.99 0.84 0.00	53.70 1.82 0.00	65.22 0.58 0.00	55.54 1.72 0.00	40.93 1.23 0.00	34.66 0.85 0.00	31.98 0.72 0.00	29.86 0.64 0.00	29.31 0.55 0.00	29.78 0.53 0.00	33.22 0.59 0.00	40.31 0.91 0.00	51.57 1.26 0.00	59.60 0.00 0.00	56.15 1.05 0.00	44.18 0.74 0.00	39.30 0.54 0.00	32.77 0.45 0.00	29.31 0.43 0.00
CHAUTAUQUA___LFGE 323629	30.06 -0.40 0.00	28.57 -0.64 0.00	26.90 -0.41 0.00	26.21 -0.59 0.00	27.42 -0.39 0.00	31.93 -0.22 0.00	51.05 -0.83 0.00	65.16 0.51 0.00	52.21 -1.61 0.00	39.38 -0.32 0.00	33.55 -0.27 0.00	31.11 -0.16 0.00	29.02 -0.20 0.00	28.79 0.03 0.00	28.87 -0.38 0.00	31.85 -0.78 0.00	38.14 -1.26 0.00	47.90 -2.41 0.00	57.87 -1.73 0.00	52.14 -2.92 0.03	40.88 -2.56 0.00	36.39 -2.37 0.00	30.60 -1.71 0.00	27.55 -1.33 0.00
CHERRYST_13_KV_LD 356241	31.95 1.49 0.00	30.62 1.40 0.00	28.54 1.23 0.00	27.98 1.18 0.00	29.00 1.20 0.00	33.28 1.13 0.00	53.70 1.82 0.00	67.87 3.23 0.00	55.81 1.99 0.00	41.17 1.47 0.00	35.44 1.62 0.00	32.76 1.50 0.00	30.68 1.46 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.46 1.83 0.00	41.65 2.25 0.00	52.83 2.52 0.00	63.54 3.93 0.00	58.02 2.92 0.00	45.87 2.43 0.00	41.01 2.25 0.00	34.22 1.91 0.00	30.58 1.70 0.00

CHESTROR_138KV_BK263 355645	31.74 1.28 0.00	30.41 1.20 0.00	28.35 1.04 0.00	27.82 1.02 0.00	28.86 1.06 0.00	33.25 1.09 0.00	53.60 1.71 0.00	67.49 2.84 0.00	55.49 1.67 0.00	40.81 1.11 0.00	34.97 1.15 0.00	32.23 0.97 0.00	30.21 0.99 0.00	29.80 1.04 0.00	30.45 1.20 0.00	33.97 1.34 0.00	41.18 1.77 0.00	52.48 2.16 0.00	63.12 3.52 0.00	57.69 2.59 0.00	45.52 2.09 0.00	40.66 1.90 0.00	33.93 1.62 0.00	30.32 1.44 0.00
CH_MIDHUDSON___DRP 24192	31.74 1.28 0.00	30.41 1.20 0.00	28.38 1.07 0.00	27.85 1.05 0.00	28.89 1.08 0.00	33.28 1.13 0.00	53.60 1.71 0.00	67.49 2.84 0.00	55.49 1.67 0.00	40.85 1.15 0.00	35.00 1.18 0.00	32.29 1.03 0.00	30.24 1.02 0.00	29.83 1.06 0.00	30.48 1.23 0.00	34.00 1.37 0.00	41.22 1.81 0.00	52.53 2.21 0.00	63.12 3.52 0.00	57.69 2.59 0.00	45.57 2.13 0.00	40.70 1.94 0.00	33.93 1.62 0.00	30.32 1.44 0.00
CH_MISC_IPPS 23765	31.86 1.40 0.00	30.56 1.34 0.00	28.51 1.20 0.00	28.01 1.21 0.00	29.03 1.22 0.00	33.47 1.32 0.00	53.96 2.08 0.00	67.87 3.23 0.00	55.86 2.04 0.00	41.12 1.43 0.00	35.13 1.32 0.00	32.38 1.12 0.00	30.36 1.14 0.00	29.92 1.15 0.00	30.60 1.35 0.00	34.13 1.50 0.00	41.37 1.97 0.00	52.78 2.46 0.00	63.48 3.87 0.00	57.96 2.86 0.00	45.83 2.39 0.00	40.89 2.13 0.00	34.09 1.78 0.00	30.44 1.56 0.00
CH_RES_BVR_FALLS 23983	30.49 0.03 0.00	29.27 0.06 0.00	27.39 0.08 0.00	26.91 0.11 0.00	27.89 0.08 0.00	32.28 0.13 0.00	52.09 0.21 0.00	64.32 -0.32 0.00	53.87 0.05 0.00	39.74 0.04 0.00	33.82 0.00 0.00	31.26 0.00 0.00	29.19 -0.03 0.00	28.74 -0.03 0.00	29.20 -0.06 0.00	32.56 -0.07 0.00	39.44 0.04 0.00	50.41 0.10 0.00	59.19 -0.41 0.00	54.99 -0.11 0.00	43.27 -0.17 0.00	38.49 -0.27 0.00	31.96 -0.35 0.00	28.50 -0.38 0.00
CH_RES_NIAGARA 23895	28.75 -1.71 0.00	27.38 -1.84 0.00	25.75 -1.56 0.00	25.22 -1.58 0.00	26.22 -1.58 0.00	30.48 -1.67 0.00	48.41 -3.48 0.00	61.73 -2.91 0.00	49.62 -4.20 0.00	37.55 -2.14 0.00	32.02 -1.79 0.00	29.92 -1.34 0.00	27.88 -1.34 0.00	27.56 -1.21 0.00	27.59 -1.67 0.00	30.48 -2.15 0.00	36.45 -2.96 0.00	45.58 -4.73 0.00	55.01 -4.59 0.00	49.83 -5.23 0.04	39.27 -4.17 0.00	35.04 -3.72 0.00	29.53 -2.78 0.00	26.66 -2.22 0.00
CH_RES_SYRACUSE 23985	30.33 -0.49 -0.36	28.83 -0.50 -0.11	26.87 -0.44 0.00	26.32 -0.48 0.00	27.36 -0.45 0.00	32.56 -0.42 -0.82	55.00 -0.62 -3.73	68.27 -0.13 -3.76	52.26 -1.56 0.00	38.82 -0.87 0.00	32.94 -0.88 0.00	30.48 -0.78 0.00	28.43 -0.79 0.00	27.99 -0.78 0.00	28.38 -0.88 0.00	31.62 -1.01 0.00	38.81 -0.59 0.00	50.39 -0.81 -0.88	60.86 -0.54 -1.79	55.85 -0.82 -1.58	43.57 -0.70 -0.83	38.10 -0.66 0.00	31.76 -0.55 0.00	28.39 -0.55 -0.06
CLINTON_WT_PWR 323605	30.85 0.39 0.00	29.68 0.47 0.00	27.75 0.44 0.00	27.31 0.51 0.00	28.28 0.47 0.00	32.83 0.68 0.00	53.23 1.35 0.00	64.90 0.26 0.00	55.11 1.29 0.00	40.41 0.72 0.00	34.49 0.68 0.00	31.85 0.59 0.00	29.72 0.50 0.00	29.20 0.43 0.00	29.66 0.41 0.00	33.09 0.46 0.00	40.15 0.75 0.00	51.22 0.91 0.00	59.43 -0.18 0.00	55.81 0.71 0.00	43.87 0.43 0.00	39.11 0.35 0.00	32.64 0.32 0.00	29.17 0.29 0.00
CLINTON___LFGE 323618	31.40 0.95 0.00	30.27 1.05 0.00	28.29 0.98 0.00	27.87 1.07 0.00	28.89 1.08 0.00	33.60 1.45 0.00	54.58 2.70 0.00	66.19 1.55 0.00	56.46 2.64 0.00	41.24 1.55 0.00	35.27 1.45 0.00	32.57 1.31 0.00	30.39 1.17 0.00	29.86 1.09 0.00	30.31 1.05 0.00	33.77 1.14 0.00	41.13 1.73 0.00	52.33 2.01 0.00	60.32 0.72 0.00	56.92 1.82 0.00	44.70 1.26 0.00	39.88 1.12 0.00	33.48 1.16 0.00	29.98 1.10 0.00
COBBLENY_34_KV_TB1 80064	29.79 -0.67 0.00	28.31 -0.91 0.00	26.66 -0.66 0.00	26.08 -0.72 0.00	27.14 -0.67 0.00	31.64 -0.51 0.00	50.59 -1.30 0.00	64.45 -0.19 0.00	51.88 -1.94 0.00	39.14 -0.56 0.00	33.38 -0.44 0.00	31.07 -0.19 0.00	28.93 -0.29 0.00	28.65 -0.12 0.00	28.67 -0.59 0.00	31.65 -0.98 0.00	37.95 -1.46 0.00	47.60 -2.72 0.00	57.46 -2.15 0.00	51.76 -3.31 0.04	40.75 -2.69 0.00	36.40 -2.36 0.00	30.63 -1.68 0.00	27.61 -1.27 0.00
COFFEEN___115KV_TB3 355620	31.19 0.43 -0.30	29.75 0.44 -0.09	27.72 0.41 0.00	27.23 0.43 0.00	28.31 0.50 0.00	33.65 0.80 -0.69	58.24 3.11 -3.24	72.56 4.65 -3.27	56.46 2.64 0.00	40.77 1.07 0.00	34.22 0.41 0.00	31.60 0.34 0.00	29.40 0.18 0.00	28.79 0.03 0.00	29.17 -0.09 0.00	32.63 0.00 0.00	40.27 0.87 0.00	52.89 1.81 -0.77	64.02 2.86 -1.56	58.90 2.42 -1.38	45.94 1.78 -0.72	39.61 0.85 0.00	32.73 0.42 0.00	29.25 0.32 -0.05
COLDSPRG_115KV_BK1 355956	30.67 0.21 0.00	29.13 -0.09 0.00	27.45 0.14 0.00	26.80 0.00 0.00	28.00 0.19 0.00	32.73 0.58 0.00	52.61 0.73 0.00	67.03 2.39 0.00	53.98 0.16 0.00	40.65 0.95 0.00	34.63 0.81 0.00	32.17 0.91 0.00	29.92 0.70 0.00	29.66 0.89 0.00	29.66 0.41 0.00	32.66 0.03 0.00	39.13 -0.28 0.00	49.21 -1.11 0.00	59.42 -0.18 0.00	53.25 -1.82 0.03	41.83 -1.61 0.00	37.25 -1.51 0.00	31.38 -0.94 0.00	28.24 -0.64 0.00
COLONIE_LFGE___ 323577	31.65 1.19 0.00	30.41 1.20 0.00	28.38 1.06 0.00	27.87 1.07 0.00	28.92 1.11 0.00	33.31 1.16 0.00	53.65 1.77 0.00	67.36 2.71 0.00	55.43 1.61 0.00	40.65 0.95 0.00	34.66 0.85 0.00	32.01 0.75 0.00	29.98 0.76 0.00	29.48 0.72 0.00	30.04 0.79 0.00	33.61 0.98 0.00	41.02 1.62 0.00	52.48 2.16 0.00	62.64 3.04 0.00	57.41 2.31 0.00	45.26 1.82 0.00	40.43 1.67 0.00	33.73 1.42 0.00	30.21 1.33 0.00
COOPERNY_115KV_TB1 80082	31.19 0.73 0.00	29.86 0.64 0.00	27.89 0.57 0.00	27.36 0.56 0.00	28.39 0.58 0.00	32.76 0.61 0.00	52.87 0.99 0.00	66.45 1.81 0.00	54.68 0.86 0.00	40.29 0.60 0.00	34.43 0.61 0.00	31.82 0.56 0.00	29.78 0.56 0.00	29.37 0.60 0.00	29.90 0.64 0.00	33.32 0.69 0.00	40.39 0.99 0.00	51.47 1.16 0.00	61.51 1.91 0.00	56.48 1.38 0.00	44.52 1.09 0.00	39.77 1.01 0.00	33.19 0.87 0.00	29.66 0.78 0.00
COPENHAGEN_WT_PWR 323753	30.93 0.15 -0.32	29.46 0.15 -0.10	27.48 0.16 0.00	26.96 0.16 0.00	28.03 0.22 0.00	33.33 0.45 -0.72	57.60 2.34 -3.38	71.60 3.55 -3.40	55.65 1.83 0.00	40.33 0.63 0.00	33.92 0.10 0.00	31.32 0.06 0.00	29.16 -0.06 0.00	28.59 -0.17 0.00	28.96 -0.29 0.00	32.40 -0.23 0.00	39.91 0.51 0.00	52.27 1.16 -0.80	63.25 2.03 -1.62	58.19 1.65 -1.44	45.40 1.21 -0.75	39.23 0.47 0.00	32.41 0.10 0.00	28.99 0.06 -0.05
CORNELL_____ 23752	30.96 0.34 -0.16	29.56 0.29 -0.05	27.61 0.30 0.00	27.04 0.24 0.00	28.14 0.33 0.00	33.08 0.55 -0.38	54.72 1.19 -1.64	68.62 2.33 -1.65	54.36 0.54 0.00	40.13 0.44 0.00	33.95 0.14 0.00	31.45 0.19 0.00	29.28 0.06 0.00	28.82 0.06 0.00	29.23 -0.03 0.00	32.56 -0.07 0.00	39.84 0.43 0.00	51.41 0.70 -0.39	61.82 1.43 -0.79	56.61 0.83 -0.68	44.37 0.56 -0.36	39.11 0.35 0.00	32.60 0.29 0.00	29.11 0.20 -0.02

CORONA V_69_KV_TB1 355595	32.41 1.95 0.00	30.88 1.67 0.00	28.79 1.47 0.00	28.22 1.42 0.00	29.31 1.50 0.00	33.67 1.51 0.00	52.47 1.04 0.45	66.00 2.20 0.84	54.24 1.13 0.71	40.20 0.75 0.25	35.64 1.83 0.00	33.07 1.81 0.00	30.89 1.67 0.00	30.55 1.78 0.00	31.24 1.99 0.00	34.93 2.28 -0.02	41.37 1.97 0.00	52.63 2.31 0.00	63.42 3.81 0.00	58.02 2.92 0.00	45.83 2.39 0.00	41.24 2.48 0.00	34.51 2.20 0.00	31.13 2.25 0.00
CORTLAND_115KV_TB3 80093	30.71 0.06 -0.19	29.30 0.03 -0.06	27.37 0.05 0.00	26.80 0.00 0.00	27.86 0.06 0.00	32.78 0.19 -0.44	54.35 0.52 -1.94	67.95 1.36 -1.96	53.66 -0.16 0.00	39.66 -0.04 0.00	33.65 -0.17 0.00	31.14 -0.13 0.00	29.04 -0.18 0.00	28.59 -0.17 0.00	28.99 -0.26 0.00	32.30 -0.33 0.00	39.48 0.08 0.00	50.93 0.15 -0.46	61.25 0.72 -0.93	56.13 0.22 -0.81	43.96 0.09 -0.43	38.76 0.00 0.00	32.31 0.00 0.00	28.91 0.00 -0.03
COXSACKIE__GT 23611	31.95 1.49 0.00	30.82 1.61 0.00	28.79 1.47 0.00	28.30 1.50 0.00	29.39 1.58 0.00	34.05 1.90 0.00	55.05 3.17 0.00	68.84 4.20 0.00	56.56 2.74 0.00	41.12 1.43 0.00	34.60 0.78 0.00	31.61 0.34 0.00	29.66 0.44 0.00	29.05 0.29 0.00	29.78 0.53 0.00	33.58 0.95 0.00	41.29 1.89 0.00	53.38 3.07 0.00	64.08 4.47 0.00	58.63 3.53 0.00	46.18 2.74 0.00	41.05 2.29 0.00	34.06 1.74 0.00	30.38 1.50 0.00
CPV_VALLEY__CC1 323721	31.46 1.00 0.00	30.12 0.91 0.00	28.13 0.82 0.00	27.60 0.80 0.00	28.61 0.81 0.00	32.99 0.83 0.00	53.18 1.30 0.00	66.90 2.26 0.00	55.06 1.24 0.00	40.57 0.87 0.00	34.73 0.91 0.00	32.11 0.84 0.00	30.04 0.82 0.00	29.63 0.86 0.00	30.22 0.96 0.00	33.67 1.04 0.00	40.78 1.38 0.00	51.97 1.66 0.00	62.29 2.68 0.00	57.03 1.93 0.00	45.00 1.56 0.00	40.23 1.47 0.00	33.57 1.26 0.00	30.04 1.16 0.00
CPV_VALLEY__CC2 323722	31.46 1.00 0.00	30.12 0.91 0.00	28.13 0.82 0.00	27.60 0.80 0.00	28.61 0.81 0.00	32.99 0.83 0.00	53.18 1.30 0.00	66.90 2.26 0.00	55.06 1.24 0.00	40.57 0.87 0.00	34.73 0.91 0.00	32.11 0.84 0.00	30.04 0.82 0.00	29.63 0.86 0.00	30.22 0.96 0.00	33.67 1.04 0.00	40.78 1.38 0.00	51.97 1.66 0.00	62.29 2.68 0.00	57.03 1.93 0.00	45.00 1.56 0.00	40.23 1.47 0.00	33.57 1.26 0.00	30.04 1.16 0.00
CRESCENT__HYD 24018	31.65 1.19 0.00	30.41 1.20 0.00	28.38 1.06 0.00	27.87 1.07 0.00	28.92 1.11 0.00	33.31 1.16 0.00	53.65 1.77 0.00	67.36 2.71 0.00	55.43 1.61 0.00	40.65 0.95 0.00	34.66 0.85 0.00	32.01 0.75 0.00	29.98 0.76 0.00	29.48 0.72 0.00	30.04 0.79 0.00	33.61 0.98 0.00	41.02 1.62 0.00	52.48 2.16 0.00	62.64 3.04 0.00	57.41 2.31 0.00	45.26 1.82 0.00	40.43 1.67 0.00	33.73 1.42 0.00	30.21 1.33 0.00
CRICKET__VALLEY_CC1 323756	31.55 1.09 0.00	30.27 1.05 0.00	28.24 0.93 0.00	27.74 0.94 0.00	28.75 0.95 0.00	33.12 0.96 0.00	53.23 1.35 0.00	67.03 2.39 0.00	55.11 1.29 0.00	40.53 0.83 0.00	34.73 0.91 0.00	32.11 0.84 0.00	30.10 0.88 0.00	29.66 0.89 0.00	30.28 1.02 0.00	33.77 1.14 0.00	41.02 1.62 0.00	52.23 1.91 0.00	62.64 3.04 0.00	57.31 2.21 0.00	45.26 1.82 0.00	40.46 1.70 0.00	33.77 1.46 0.00	30.18 1.30 0.00
CRICKET__VALLEY_CC2 323757	31.55 1.09 0.00	30.27 1.05 0.00	28.24 0.93 0.00	27.74 0.94 0.00	28.75 0.95 0.00	33.12 0.96 0.00	53.23 1.35 0.00	67.03 2.39 0.00	55.11 1.29 0.00	40.53 0.83 0.00	34.73 0.91 0.00	32.11 0.84 0.00	30.10 0.88 0.00	29.66 0.89 0.00	30.28 1.02 0.00	33.77 1.14 0.00	41.02 1.62 0.00	52.23 1.91 0.00	62.64 3.04 0.00	57.31 2.21 0.00	45.26 1.82 0.00	40.46 1.70 0.00	33.77 1.46 0.00	30.18 1.30 0.00
CRICKET__VALLEY_CC3 323758	31.55 1.09 0.00	30.27 1.05 0.00	28.24 0.93 0.00	27.74 0.94 0.00	28.75 0.95 0.00	33.12 0.96 0.00	53.23 1.35 0.00	67.03 2.39 0.00	55.11 1.29 0.00	40.53 0.83 0.00	34.73 0.91 0.00	32.11 0.84 0.00	30.10 0.88 0.00	29.66 0.89 0.00	30.28 1.02 0.00	33.77 1.14 0.00	41.02 1.62 0.00	52.23 1.91 0.00	62.64 3.04 0.00	57.31 2.21 0.00	45.26 1.82 0.00	40.46 1.70 0.00	33.77 1.46 0.00	30.18 1.30 0.00
CRUCIBLE_METL_DRP 24180	30.33 -0.49 -0.36	28.83 -0.50 -0.11	26.87 -0.44 0.00	26.34 -0.46 0.00	27.36 -0.44 0.00	32.56 -0.42 -0.82	55.05 -0.57 -3.73	68.27 -0.13 -3.76	52.31 -1.51 0.00	38.78 -0.91 0.00	32.94 -0.88 0.00	30.51 -0.75 0.00	28.43 -0.79 0.00	27.99 -0.78 0.00	28.38 -0.88 0.00	31.62 -1.01 0.00	38.81 -0.59 0.00	50.39 -0.81 -0.88	60.86 -0.54 -1.79	55.85 -0.83 -1.58	43.57 -0.70 -0.83	38.10 -0.66 0.00	31.76 -0.55 0.00	28.39 -0.55 -0.06
DAHOWA__HYDRO 323763	32.13 1.67 0.00	30.91 1.69 0.00	28.84 1.53 0.00	28.30 1.50 0.00	29.39 1.58 0.00	33.60 1.45 0.00	54.27 2.39 0.00	68.32 3.68 0.00	56.08 2.26 0.00	40.97 1.27 0.00	34.80 0.98 0.00	32.07 0.81 0.00	30.07 0.85 0.00	29.48 0.72 0.00	30.01 0.76 0.00	33.61 0.98 0.00	41.13 1.73 0.00	52.78 2.46 0.00	63.12 3.52 0.00	57.85 2.75 0.00	45.44 2.00 0.00	40.54 1.78 0.00	33.93 1.62 0.00	30.61 1.73 0.00
DANC__LFGE 323619	30.61 -0.24 -0.40	29.10 -0.23 -0.12	27.12 -0.19 0.00	26.61 -0.19 0.00	27.67 -0.14 0.00	33.00 -0.06 -0.91	56.94 0.93 -4.12	70.66 1.88 -4.15	54.09 0.27 0.00	39.50 -0.20 0.00	33.34 -0.47 0.00	30.82 -0.44 0.00	28.69 -0.53 0.00	28.19 -0.58 0.00	28.58 -0.67 0.00	31.91 -0.72 0.00	39.29 -0.12 0.00	51.44 0.15 -0.98	62.35 0.77 -1.98	57.29 0.44 -1.76	44.66 0.31 -0.91	38.61 -0.15 0.00	31.99 -0.32 0.00	28.65 -0.29 -0.06
DANSKAMMER__1 23586	31.86 1.40 0.00	30.56 1.34 0.00	28.51 1.20 0.00	28.01 1.21 0.00	29.03 1.22 0.00	33.47 1.32 0.00	53.96 2.08 0.00	67.87 3.23 0.00	55.86 2.04 0.00	41.12 1.43 0.00	35.13 1.32 0.00	32.38 1.12 0.00	30.36 1.14 0.00	29.92 1.15 0.00	30.60 1.35 0.00	34.13 1.50 0.00	41.37 1.97 0.00	52.78 2.46 0.00	63.48 3.87 0.00	57.96 2.86 0.00	45.83 2.39 0.00	40.89 2.13 0.00	34.09 1.78 0.00	30.44 1.56 0.00
DANSKAMMER__2 23589	31.86 1.40 0.00	30.56 1.34 0.00	28.51 1.20 0.00	28.01 1.21 0.00	29.03 1.22 0.00	33.47 1.32 0.00	53.96 2.08 0.00	67.87 3.23 0.00	55.86 2.04 0.00	41.12 1.43 0.00	35.13 1.32 0.00	32.38 1.12 0.00	30.36 1.14 0.00	29.92 1.15 0.00	30.60 1.35 0.00	34.13 1.50 0.00	41.37 1.97 0.00	52.78 2.46 0.00	63.48 3.87 0.00	57.96 2.86 0.00	45.83 2.39 0.00	40.89 2.13 0.00	34.09 1.78 0.00	30.44 1.56 0.00
DANSKAMMER__3 23590	31.86 1.40 0.00	30.56 1.34 0.00	28.51 1.20 0.00	28.01 1.21 0.00	29.03 1.22 0.00	33.47 1.32 0.00	53.96 2.08 0.00	67.87 3.23 0.00	55.86 2.04 0.00	41.12 1.43 0.00	35.13 1.32 0.00	32.38 1.12 0.00	30.36 1.14 0.00	29.92 1.15 0.00	30.60 1.35 0.00	34.13 1.50 0.00	41.37 1.97 0.00	52.78 2.46 0.00	63.48 3.87 0.00	57.96 2.86 0.00	45.83 2.39 0.00	40.89 2.13 0.00	34.09 1.78 0.00	30.44 1.56 0.00

DANSKAMMER___4 23591	31.86 1.40 0.00	30.56 1.34 0.00	28.51 1.20 0.00	28.01 1.21 0.00	29.03 1.22 0.00	33.47 1.32 0.00	53.96 2.08 0.00	67.87 3.23 0.00	55.86 2.04 0.00	41.12 1.43 0.00	35.13 1.32 0.00	32.38 1.12 0.00	30.36 1.14 0.00	29.92 1.15 0.00	30.60 1.35 0.00	34.13 1.50 0.00	41.37 1.97 0.00	52.78 2.46 0.00	63.48 3.87 0.00	57.96 2.86 0.00	45.83 2.39 0.00	40.89 2.13 0.00	34.09 1.78 0.00	30.44 1.56 0.00
DANSKAMMER___DIESEL 23592	31.86 1.40 0.00	30.56 1.34 0.00	28.51 1.20 0.00	27.98 1.18 0.00	29.03 1.22 0.00	33.44 1.29 0.00	53.91 2.02 0.00	67.87 3.23 0.00	55.86 2.05 0.00	41.09 1.39 0.00	35.14 1.32 0.00	32.39 1.13 0.00	30.36 1.14 0.00	29.92 1.15 0.00	30.60 1.35 0.00	34.13 1.50 0.00	41.41 2.01 0.00	52.78 2.47 0.00	63.48 3.87 0.00	58.02 2.92 0.00	45.83 2.39 0.00	40.89 2.13 0.00	34.09 1.78 0.00	30.44 1.56 0.00
DARBY___SOLAR 323810	32.04 1.58 0.00	30.79 1.58 0.00	28.73 1.42 0.00	28.19 1.39 0.00	29.28 1.47 0.00	33.54 1.38 0.00	54.11 2.23 0.00	68.13 3.49 0.00	55.97 2.15 0.00	40.93 1.23 0.00	34.76 0.95 0.00	32.07 0.81 0.00	30.07 0.85 0.00	29.48 0.72 0.00	30.04 0.79 0.00	33.61 0.98 0.00	41.10 1.69 0.00	52.68 2.37 0.00	63.00 3.40 0.00	57.74 2.64 0.00	45.40 1.96 0.00	40.51 1.75 0.00	33.86 1.55 0.00	30.49 1.62 0.00
DASHVILLE___HYD 23610	31.46 1.01 0.00	30.15 0.93 0.00	28.13 0.82 0.00	27.63 0.83 0.00	28.64 0.83 0.00	32.96 0.80 0.00	53.08 1.19 0.00	66.71 2.07 0.00	54.90 1.08 0.00	40.41 0.71 0.00	34.66 0.85 0.00	31.95 0.69 0.00	29.92 0.70 0.00	29.54 0.78 0.00	30.19 0.94 0.00	33.64 1.01 0.00	40.74 1.34 0.00	51.87 1.56 0.00	62.40 2.80 0.00	57.08 1.98 0.00	45.09 1.65 0.00	40.27 1.51 0.00	33.61 1.29 0.00	30.03 1.16 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	32.44 1.98 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.19 1.39 0.00	29.34 1.53 0.00	33.76 1.61 0.00	47.87 0.62 4.63	57.90 1.68 8.42	47.52 0.81 7.11	37.52 0.52 2.69	35.95 2.13 0.00	33.54 2.28 0.00	31.27 2.05 0.00	31.04 2.27 0.00	31.86 2.60 0.00	35.77 3.13 -0.01	42.00 2.60 0.00	53.84 3.52 0.00	64.97 5.36 0.00	59.67 4.57 0.00	47.13 3.69 0.00	42.33 3.57 0.00	35.09 2.78 0.00	31.94 3.06 0.00
DELAWARE___LFGE 323621	31.35 0.82 -0.06	30.00 0.76 -0.02	27.99 0.68 0.00	27.47 0.67 0.00	28.53 0.72 0.00	33.14 0.84 -0.15	54.13 1.61 -0.64	67.87 2.59 -0.64	55.16 1.35 0.00	40.53 0.83 0.00	34.49 0.68 0.00	31.89 0.63 0.00	29.80 0.58 0.00	29.37 0.60 0.00	29.84 0.59 0.00	33.32 0.69 0.00	40.51 1.10 0.00	51.87 1.41 -0.15	62.05 2.15 -0.31	56.96 1.60 -0.26	44.80 1.22 -0.14	39.85 1.09 0.00	33.22 0.90 0.00	29.70 0.81 -0.01
DERFIELD_115KV_TB7 355931	30.52 0.06 0.00	29.27 0.06 0.00	27.37 0.05 0.00	26.85 0.05 0.00	27.86 0.06 0.00	32.19 0.03 0.00	51.99 0.10 0.00	65.03 0.39 0.00	53.76 -0.05 0.00	39.62 -0.08 0.00	33.75 -0.07 0.00	31.20 -0.06 0.00	29.16 -0.06 0.00	28.71 -0.06 0.00	29.23 -0.03 0.00	32.60 -0.03 0.00	39.48 0.08 0.00	50.41 0.10 0.00	59.90 0.30 0.00	55.21 0.11 0.00	43.53 0.09 0.00	38.84 0.08 0.00	32.38 0.06 0.00	28.94 0.06 0.00
DOGLEVILLE___HYD 23807	29.91 -0.55 0.00	28.75 -0.47 0.00	26.90 -0.41 0.00	26.43 -0.38 0.00	27.44 -0.36 0.00	31.74 -0.42 0.00	51.31 -0.57 0.00	64.12 -0.52 0.00	53.01 -0.81 0.00	38.94 -0.76 0.00	33.17 -0.64 0.00	30.64 -0.62 0.00	28.66 -0.56 0.00	28.22 -0.55 0.00	28.67 -0.58 0.00	32.01 -0.62 0.00	38.77 -0.63 0.00	49.51 -0.81 0.00	58.65 -0.96 0.00	53.83 -1.27 0.00	42.40 -1.04 0.00	37.72 -1.04 0.00	31.35 -0.97 0.00	27.95 -0.93 0.00
DUNKIRK___115KV_TB_200 55889	30.00 -0.46 0.00	28.54 -0.67 0.00	26.85 -0.46 0.00	26.24 -0.56 0.00	27.36 -0.44 0.00	31.90 -0.26 0.00	51.00 -0.88 0.00	65.03 0.39 0.00	52.10 -1.72 0.00	39.26 -0.44 0.00	33.48 -0.34 0.00	31.17 -0.09 0.00	29.04 -0.18 0.00	28.74 -0.03 0.00	28.79 -0.47 0.00	31.78 -0.85 0.00	38.06 -1.34 0.00	47.80 -2.52 0.00	57.70 -1.91 0.00	51.92 -3.14 0.04	40.79 -2.65 0.00	36.36 -2.40 0.00	30.63 -1.68 0.00	27.58 -1.30 0.00
DUNKIRK___1 23563	30.00 -0.46 0.00	28.54 -0.67 0.00	26.85 -0.46 0.00	26.24 -0.56 0.00	27.36 -0.44 0.00	31.90 -0.26 0.00	51.00 -0.88 0.00	65.03 0.39 0.00	52.10 -1.72 0.00	39.26 -0.44 0.00	33.48 -0.34 0.00	31.17 -0.09 0.00	29.04 -0.18 0.00	28.74 -0.03 0.00	28.79 -0.47 0.00	31.78 -0.85 0.00	38.06 -1.34 0.00	47.80 -2.52 0.00	57.70 -1.91 0.00	51.92 -3.14 0.04	40.79 -2.65 0.00	36.36 -2.40 0.00	30.63 -1.68 0.00	27.58 -1.30 0.00
DUNKIRK___2 23564	30.00 -0.46 0.00	28.54 -0.67 0.00	26.85 -0.46 0.00	26.24 -0.56 0.00	27.36 -0.44 0.00	31.90 -0.26 0.00	51.00 -0.88 0.00	65.03 0.39 0.00	52.10 -1.72 0.00	39.26 -0.44 0.00	33.48 -0.34 0.00	31.17 -0.09 0.00	29.04 -0.18 0.00	28.74 -0.03 0.00	28.79 -0.47 0.00	31.78 -0.85 0.00	38.06 -1.34 0.00	47.80 -2.52 0.00	57.70 -1.91 0.00	51.92 -3.14 0.04	40.79 -2.65 0.00	36.36 -2.40 0.00	30.63 -1.68 0.00	27.58 -1.30 0.00
DUNKIRK___3 23565	29.94 -0.52 0.00	28.46 -0.76 0.00	26.77 -0.55 0.00	26.16 -0.64 0.00	27.25 -0.56 0.00	31.77 -0.39 0.00	50.85 -1.04 0.00	64.77 0.13 0.00	51.99 -1.83 0.00	39.18 -0.52 0.00	33.38 -0.44 0.00	31.07 -0.19 0.00	28.96 -0.26 0.00	28.65 -0.12 0.00	28.70 -0.56 0.00	31.68 -0.95 0.00	37.98 -1.42 0.00	47.70 -2.62 0.00	57.58 -2.03 0.00	51.87 -3.20 0.04	40.79 -2.65 0.00	36.36 -2.40 0.00	30.63 -1.68 0.00	27.61 -1.27 0.00
DUNKIRK___4 23566	29.94 -0.52 0.00	28.46 -0.76 0.00	26.77 -0.55 0.00	26.16 -0.64 0.00	27.25 -0.56 0.00	31.77 -0.39 0.00	50.85 -1.04 0.00	64.77 0.13 0.00	51.99 -1.83 0.00	39.18 -0.52 0.00	33.38 -0.44 0.00	31.07 -0.19 0.00	28.96 -0.26 0.00	28.65 -0.12 0.00	28.70 -0.56 0.00	31.68 -0.95 0.00	37.98 -1.42 0.00	47.70 -2.62 0.00	57.58 -2.03 0.00	51.87 -3.20 0.04	40.79 -2.65 0.00	36.36 -2.40 0.00	30.63 -1.68 0.00	27.61 -1.27 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.80 1.34 0.00	30.44 1.23 0.00	28.38 1.07 0.00	27.85 1.05 0.00	28.86 1.06 0.00	33.18 1.03 0.00	53.49 1.61 0.00	67.55 2.91 0.00	55.54 1.72 0.00	40.89 1.19 0.00	35.20 1.39 0.00	32.51 1.25 0.00	30.48 1.26 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.20 1.57 0.00	41.37 1.97 0.00	52.58 2.26 0.00	63.24 3.64 0.00	57.80 2.70 0.00	45.61 2.17 0.00	40.81 2.05 0.00	34.03 1.71 0.00	30.41 1.53 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.74 1.28 0.00	30.41 1.20 0.00	28.38 1.07 0.00	27.85 1.05 0.00	28.89 1.08 0.00	33.28 1.13 0.00	53.65 1.76 0.00	67.55 2.91 0.00	55.54 1.72 0.00	40.89 1.19 0.00	35.03 1.22 0.00	32.26 1.00 0.00	30.24 1.02 0.00	29.83 1.06 0.00	30.48 1.23 0.00	34.00 1.37 0.00	41.22 1.81 0.00	52.53 2.21 0.00	63.18 3.58 0.00	57.74 2.64 0.00	45.57 2.13 0.00	40.70 1.94 0.00	33.93 1.62 0.00	30.32 1.44 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	32.05 1.58 -0.01	30.71 1.49 -0.01	28.63 1.31 -0.01	28.09 1.29 -0.01	29.14 1.33 0.00	33.12 0.96 0.00	53.02 1.14 0.01	66.83 2.20 0.01	55.00 1.18 0.00	40.61 0.91 0.00	35.14 1.32 0.00	32.48 1.22 0.00	30.45 1.23 0.00	30.12 1.35 0.00	30.72 1.46 0.00	34.16 1.53 0.00	41.18 1.77 0.00	52.13 1.81 0.00	62.76 3.16 0.00	57.25 2.15 0.00	45.26 1.82 0.00	40.62 1.86 0.00	34.09 1.78 0.00	30.76 1.88 0.00
E179THST_13_KV_LOAD 356214	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.18 1.37 -0.01	29.22 1.42 0.00	33.25 1.09 0.00	53.22 1.35 0.01	67.15 2.52 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.27 1.45 0.00	32.64 1.38 0.00	30.56 1.34 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.29 1.66 0.00	41.37 1.97 0.00	52.38 2.06 0.00	63.06 3.46 0.00	57.52 2.42 0.00	45.48 2.04 0.00	40.81 2.05 0.00	34.25 1.94 0.00	30.87 1.99 0.00
EAST HAMPTON___GT 23717	32.10 1.64 0.00	30.41 1.20 0.00	28.38 1.06 0.00	27.93 1.13 0.00	29.06 1.25 0.00	33.57 1.41 0.00	47.46 0.21 4.63	57.39 1.16 8.42	47.19 0.48 7.11	37.48 0.48 2.69	35.81 1.99 0.00	33.85 2.59 0.00	31.44 2.22 0.00	31.30 2.53 0.00	32.09 2.84 0.00	35.97 3.33 -0.01	42.28 2.87 0.00	54.14 3.82 0.00	65.38 5.78 0.00	60.06 4.96 0.00	47.35 3.91 0.00	42.67 3.91 0.00	35.28 2.97 0.00	32.12 3.23 -0.01
EAST RIVER___6 23660	31.89 1.43 0.00	30.53 1.32 0.00	28.46 1.15 0.00	27.95 1.15 0.00	28.95 1.14 0.00	33.21 1.06 0.00	53.65 1.77 0.00	67.74 3.10 0.00	55.75 1.93 0.00	41.17 1.47 0.00	35.41 1.59 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.32 1.55 0.00	30.92 1.67 0.00	34.42 1.79 0.00	41.61 2.21 0.00	52.83 2.51 0.00	63.48 3.87 0.00	57.91 2.81 0.00	45.78 2.34 0.00	40.97 2.21 0.00	34.19 1.87 0.00	30.52 1.65 0.00
EAST RIVER___7 23524	31.89 1.43 0.00	30.53 1.32 0.00	28.46 1.15 0.00	27.95 1.15 0.00	28.95 1.14 0.00	33.21 1.06 0.00	53.65 1.77 0.00	67.74 3.10 0.00	55.75 1.93 0.00	41.17 1.47 0.00	35.41 1.59 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.32 1.55 0.00	30.92 1.67 0.00	34.42 1.79 0.00	41.61 2.21 0.00	52.83 2.51 0.00	63.48 3.87 0.00	57.91 2.81 0.00	45.78 2.34 0.00	40.97 2.21 0.00	34.19 1.87 0.00	30.52 1.65 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.77 1.31 0.00	30.44 1.23 0.00	28.38 1.07 0.00	27.85 1.05 0.00	28.86 1.06 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.49 2.84 0.00	55.49 1.67 0.00	40.85 1.15 0.00	35.14 1.32 0.00	32.45 1.19 0.00	30.42 1.20 0.00	30.03 1.27 0.00	30.63 1.37 0.00	34.13 1.50 0.00	41.29 1.89 0.00	52.53 2.21 0.00	63.18 3.58 0.00	57.74 2.64 0.00	45.57 2.13 0.00	40.74 1.98 0.00	33.99 1.68 0.00	30.41 1.53 0.00
EAST_HAMPTON___DIESEL 23722	32.01 1.55 0.00	30.35 1.14 0.00	28.32 1.01 0.00	27.84 1.04 0.00	28.97 1.17 0.00	33.47 1.32 0.00	47.35 0.10 4.63	57.25 1.03 8.42	47.09 0.38 7.11	37.44 0.44 2.69	35.78 1.96 0.00	33.82 2.56 0.00	31.44 2.22 0.00	31.30 2.53 0.00	32.09 2.84 0.00	35.97 3.33 -0.01	42.28 2.87 0.00	54.14 3.82 0.00	65.38 5.78 0.00	60.06 4.96 0.00	47.35 3.91 0.00	42.67 3.91 0.00	35.28 2.97 0.00	32.12 3.23 -0.01
EAST_POINT___SOLAR 323840	33.08 2.62 0.00	31.79 2.57 0.00	29.66 2.35 0.00	29.11 2.31 0.00	30.31 2.50 0.00	35.18 3.02 0.00	57.28 5.40 0.00	72.20 7.56 0.00	58.07 4.25 0.00	41.44 1.74 0.00	34.36 0.54 0.00	31.61 0.34 0.00	29.60 0.38 0.00	29.20 0.43 0.00	29.75 0.50 0.00	34.91 2.28 0.00	42.87 3.47 0.00	55.30 4.98 0.00	66.22 6.62 0.00	60.72 5.62 0.00	47.61 4.17 0.00	42.48 3.72 0.00	35.32 3.01 0.00	31.45 2.57 0.00
EAST_PULASKI___ESR 323781	30.45 -0.58 -0.57	28.81 -0.58 -0.18	26.79 -0.52 0.00	26.26 -0.54 0.00	27.31 -0.50 0.00	32.93 -0.52 -1.29	57.34 -0.31 -5.76	70.64 0.19 -5.80	52.58 -1.24 0.00	38.74 -0.95 0.00	32.80 -1.01 0.00	30.35 -0.91 0.00	28.28 -0.94 0.00	27.82 -0.95 0.00	28.20 -1.05 0.00	31.46 -1.17 0.00	38.73 -0.67 0.00	50.93 -0.75 -1.37	61.96 -0.41 -2.77	56.90 -0.66 -2.46	44.19 -0.52 -1.27	38.06 -0.70 0.00	31.63 -0.68 0.00	28.36 -0.61 -0.09
EAST_RIVER___1 323558	31.89 1.43 0.00	30.53 1.32 0.00	28.46 1.15 0.00	27.95 1.15 0.00	28.95 1.14 0.00	33.21 1.06 0.00	53.54 1.66 0.00	67.68 3.04 0.00	55.59 1.77 0.00	41.09 1.39 0.00	35.34 1.52 0.00	32.70 1.44 0.00	30.62 1.40 0.00	30.26 1.49 0.00	30.83 1.58 0.00	34.33 1.70 0.00	41.49 2.09 0.00	52.68 2.37 0.00	63.30 3.70 0.00	57.80 2.70 0.00	45.70 2.26 0.00	40.93 2.17 0.00	34.15 1.84 0.00	30.52 1.65 0.00
EAST_RIVER___2 323559	31.89 1.43 0.00	30.53 1.32 0.00	28.46 1.15 0.00	27.95 1.15 0.00	28.95 1.14 0.00	33.21 1.06 0.00	53.65 1.77 0.00	67.74 3.10 0.00	55.75 1.93 0.00	41.17 1.47 0.00	35.41 1.59 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.32 1.55 0.00	30.92 1.67 0.00	34.42 1.79 0.00	41.61 2.21 0.00	52.83 2.51 0.00	63.48 3.87 0.00	57.91 2.81 0.00	45.78 2.34 0.00	40.97 2.21 0.00	34.19 1.87 0.00	30.52 1.65 0.00
EAST___DELAWARE_HYD 23607	31.77 1.31 0.00	30.44 1.23 0.00	28.43 1.12 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.41 1.25 0.00	54.01 2.13 0.00	67.81 3.17 0.00	55.86 2.04 0.00	41.09 1.39 0.00	35.00 1.18 0.00	32.26 1.00 0.00	30.24 1.02 0.00	29.77 1.01 0.00	30.43 1.17 0.00	33.97 1.34 0.00	41.18 1.77 0.00	52.58 2.27 0.00	63.18 3.58 0.00	57.80 2.70 0.00	45.65 2.21 0.00	40.70 1.94 0.00	33.90 1.58 0.00	30.29 1.41 0.00
EIGHT_POINT___WT_PWR 323820	30.47 -0.06 -0.07	28.89 -0.35 -0.02	27.15 -0.16 0.00	26.51 -0.29 0.00	27.70 -0.11 0.00	32.45 0.13 -0.17	52.77 0.21 -0.68	67.00 1.68 -0.68	53.44 -0.37 0.00	40.09 0.40 0.00	33.95 0.14 0.00	31.45 0.19 0.00	29.25 0.03 0.00	28.94 0.17 0.00	29.14 -0.12 0.00	32.27 -0.36 0.00	38.93 -0.47 0.00	49.42 -1.06 -0.16	59.45 -0.48 -0.33	53.76 -1.60 -0.26	42.11 -1.48 -0.15	37.33 -1.43 0.00	31.22 -1.10 0.00	27.99 -0.90 -0.01
ELBRIDGE_115KV_TB2 80188	30.20 -0.64 -0.38	28.69 -0.64 -0.12	26.74 -0.57 0.00	26.21 -0.59 0.00	27.22 -0.58 0.00	32.45 -0.58 -0.88	55.01 -0.88 -4.01	68.16 -0.52 -4.04	51.94 -1.88 0.00	38.55 -1.15 0.00	32.73 -1.08 0.00	30.35 -0.91 0.00	28.28 -0.94 0.00	27.82 -0.95 0.00	28.23 -1.02 0.00	31.42 -1.21 0.00	38.58 -0.83 0.00	50.16 -1.11 -0.95	60.64 -0.89 -1.93	55.64 -1.16 -1.70	43.37 -0.96 -0.89	37.87 -0.89 0.00	31.57 -0.74 0.00	28.25 -0.69 -0.06
ELEC_TRO_TEK 24086	32.23 1.77 0.00	30.74 1.52 0.00	28.65 1.34 0.00	28.09 1.29 0.00	29.17 1.36 0.00	33.50 1.35 0.00	51.56 0.78 1.11	64.50 1.87 2.02	52.98 0.86 1.70	39.62 0.56 0.64	35.47 1.66 0.00	32.92 1.66 0.00	30.74 1.52 0.00	30.40 1.64 0.00	31.10 1.84 0.00	34.77 2.12 -0.02	41.18 1.77 0.00	52.38 2.06 0.00	63.12 3.52 0.00	57.74 2.64 0.00	45.61 2.17 0.00	41.01 2.25 0.00	34.35 2.04 0.00	30.99 2.11 0.00

ELLENBURG_WT_PWR 323604	30.85 0.39 0.00	29.68 0.47 0.00	27.75 0.44 0.00	27.31 0.51 0.00	28.28 0.47 0.00	32.83 0.68 0.00	53.23 1.35 0.00	64.90 0.26 0.00	55.11 1.29 0.00	40.41 0.72 0.00	34.49 0.68 0.00	31.85 0.59 0.00	29.72 0.50 0.00	29.20 0.43 0.00	29.66 0.41 0.00	33.09 0.46 0.00	40.15 0.75 0.00	51.22 0.91 0.00	59.43 -0.18 0.00	55.81 0.71 0.00	43.87 0.43 0.00	39.11 0.35 0.00	32.64 0.32 0.00	29.17 0.29 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.51 -0.94 0.00	28.08 -1.14 0.00	26.44 -0.87 0.00	25.86 -0.94 0.00	26.92 -0.89 0.00	31.35 -0.80 0.00	50.02 -1.87 0.00	63.74 -0.90 0.00	51.29 -2.53 0.00	38.71 -0.99 0.00	33.01 -0.81 0.00	30.79 -0.47 0.00	28.66 -0.56 0.00	28.33 -0.43 0.00	28.38 -0.88 0.00	31.36 -1.27 0.00	37.55 -1.85 0.00	47.09 -3.22 0.00	56.80 -2.80 0.00	51.26 -3.80 0.04	40.40 -3.04 0.00	36.05 -2.71 0.00	30.34 -1.97 0.00	27.35 -1.53 0.00
EMPIRE_CC_1 323656	31.52 1.07 0.00	30.27 1.05 0.00	28.27 0.96 0.00	27.76 0.96 0.00	28.78 0.97 0.00	33.21 1.06 0.00	53.39 1.51 0.00	67.10 2.46 0.00	55.16 1.35 0.00	40.49 0.79 0.00	34.60 0.78 0.00	31.95 0.69 0.00	29.92 0.70 0.00	29.45 0.69 0.00	30.04 0.79 0.00	33.58 0.95 0.00	40.94 1.54 0.00	52.27 1.96 0.00	62.46 2.86 0.00	57.25 2.15 0.00	45.18 1.74 0.00	40.35 1.59 0.00	33.67 1.36 0.00	30.09 1.21 0.00
EMPIRE_CC_2 323658	31.52 1.07 0.00	30.27 1.05 0.00	28.27 0.96 0.00	27.76 0.96 0.00	28.78 0.97 0.00	33.21 1.06 0.00	53.39 1.51 0.00	67.10 2.46 0.00	55.16 1.35 0.00	40.49 0.79 0.00	34.60 0.78 0.00	31.95 0.69 0.00	29.92 0.70 0.00	29.45 0.69 0.00	30.04 0.79 0.00	33.58 0.95 0.00	40.94 1.54 0.00	52.27 1.96 0.00	62.46 2.86 0.00	57.25 2.15 0.00	45.18 1.74 0.00	40.35 1.59 0.00	33.67 1.36 0.00	30.09 1.21 0.00
ENORWICH_115KV_TB1 80156	32.48 1.89 -0.13	31.07 1.81 -0.04	29.06 1.75 0.00	28.54 1.74 0.00	29.75 1.95 0.00	34.93 2.48 -0.30	58.47 5.29 -1.30	73.77 7.82 -1.31	58.61 4.79 0.00	42.48 2.78 0.00	35.58 1.76 0.00	32.92 1.66 0.00	30.68 1.46 0.00	30.12 1.35 0.00	30.48 1.23 0.00	34.07 1.44 0.00	41.89 2.48 0.00	54.39 3.77 -0.31	65.59 5.36 -0.62	59.72 4.08 -0.54	46.72 3.00 -0.29	40.97 2.21 0.00	34.03 1.71 0.00	30.31 1.42 -0.02
ERIE_ST__34_KV_TB1-2 80199	29.97 -0.49 0.00	28.46 -0.76 0.00	26.79 -0.52 0.00	26.21 -0.59 0.00	27.28 -0.53 0.00	31.83 -0.32 0.00	50.95 -0.93 0.00	64.83 0.19 0.00	52.31 -1.51 0.00	39.46 -0.24 0.00	33.65 -0.17 0.00	31.32 0.06 0.00	29.16 -0.06 0.00	28.88 0.12 0.00	28.90 -0.35 0.00	31.91 -0.72 0.00	38.22 -1.18 0.00	48.00 -2.31 0.00	57.93 -1.67 0.00	52.03 -3.03 0.04	41.05 -2.39 0.00	36.63 -2.13 0.00	30.89 -1.42 0.00	27.87 -1.01 0.00
ERIE_WT_PWR 323693	29.76 -0.70 0.00	28.31 -0.91 0.00	26.63 -0.68 0.00	25.97 -0.83 0.00	27.14 -0.67 0.00	31.58 -0.58 0.00	50.38 -1.51 0.00	64.32 -0.32 0.00	51.72 -2.10 0.00	39.06 -0.64 0.00	33.31 -0.51 0.00	30.85 -0.41 0.00	28.78 -0.44 0.00	28.56 -0.20 0.00	28.61 -0.64 0.00	31.62 -1.01 0.00	37.87 -1.54 0.00	47.50 -2.82 0.00	57.34 -2.26 0.00	51.76 -3.30 0.04	40.70 -2.74 0.00	36.32 -2.44 0.00	30.57 -1.75 0.00	27.55 -1.33 0.00
ESPRGFLD_115KV_TB1 80157	32.35 1.89 0.00	31.03 1.81 0.00	28.98 1.67 0.00	28.44 1.63 0.00	29.59 1.78 0.00	34.34 2.19 0.00	55.98 4.10 0.00	70.52 5.88 0.00	57.48 3.66 0.00	41.88 2.18 0.00	35.30 1.49 0.00	32.57 1.31 0.00	30.45 1.23 0.00	30.00 1.24 0.00	30.45 1.20 0.00	34.36 1.73 0.00	41.85 2.44 0.00	53.74 3.42 0.00	64.31 4.71 0.00	58.96 3.86 0.00	46.35 2.91 0.00	41.32 2.56 0.00	34.41 2.10 0.00	30.70 1.82 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.93 0.30 -0.17	29.53 0.26 -0.05	27.58 0.27 0.00	27.01 0.21 0.00	28.11 0.31 0.00	33.05 0.51 -0.39	54.72 1.14 -1.69	68.54 2.20 -1.70	54.25 0.43 0.00	40.05 0.36 0.00	33.88 0.07 0.00	31.39 0.13 0.00	29.25 0.03 0.00	28.76 0.00 0.00	29.17 -0.09 0.00	32.53 -0.10 0.00	39.80 0.39 0.00	51.32 0.60 -0.40	61.79 1.37 -0.81	56.52 0.72 -0.70	44.33 0.52 -0.37	39.07 0.31 0.00	32.57 0.26 0.00	29.08 0.17 -0.03
ETNA____115KV_TB2 80207	30.93 0.30 -0.17	29.53 0.26 -0.05	27.58 0.27 0.00	27.01 0.21 0.00	28.11 0.31 0.00	33.05 0.51 -0.39	54.72 1.14 -1.69	68.54 2.20 -1.70	54.25 0.43 0.00	40.05 0.36 0.00	33.88 0.07 0.00	31.39 0.13 0.00	29.25 0.03 0.00	28.76 0.00 0.00	29.17 -0.09 0.00	32.53 -0.10 0.00	39.80 0.39 0.00	51.32 0.60 -0.40	61.79 1.37 -0.81	56.52 0.72 -0.70	44.33 0.52 -0.37	39.07 0.31 0.00	32.57 0.26 0.00	29.08 0.17 -0.03
EUCLID____115KV_TB2 356179	29.86 -0.76 -0.16	28.51 -0.76 -0.05	26.63 -0.68 0.00	26.10 -0.70 0.00	27.11 -0.70 0.00	31.79 -0.74 -0.38	52.44 -1.14 -1.70	65.52 -0.84 -1.71	51.77 -2.05 0.00	38.39 -1.31 0.00	32.63 -1.18 0.00	30.26 -1.00 0.00	28.20 -1.02 0.00	27.76 -1.01 0.00	28.17 -1.08 0.00	31.39 -1.24 0.00	38.46 -0.95 0.00	49.46 -1.26 -0.40	59.29 -1.13 -0.82	54.42 -1.38 -0.70	42.73 -1.09 -0.38	37.75 -1.01 0.00	31.47 -0.84 0.00	28.12 -0.78 -0.03
E_CANADA_CAP_HY 24051	32.96 2.50 0.00	31.64 2.42 0.00	29.55 2.24 0.00	28.97 2.17 0.00	30.17 2.36 0.00	34.98 2.83 0.00	56.91 5.03 0.00	71.75 7.11 0.00	58.28 4.46 0.00	42.24 2.54 0.00	35.44 1.62 0.00	32.60 1.34 0.00	30.54 1.32 0.00	30.06 1.30 0.00	30.57 1.32 0.00	34.85 2.22 0.00	42.52 3.11 0.00	54.74 4.43 0.00	65.56 5.96 0.00	60.11 5.01 0.00	47.22 3.78 0.00	42.25 3.49 0.00	35.16 2.84 0.00	31.33 2.45 0.00
E_CANADA_MHWK_HY 24050	29.91 -0.55 0.00	28.75 -0.47 0.00	26.90 -0.41 0.00	26.43 -0.38 0.00	27.44 -0.36 0.00	31.74 -0.42 0.00	51.31 -0.57 0.00	64.12 -0.52 0.00	53.01 -0.81 0.00	38.94 -0.76 0.00	33.17 -0.64 0.00	30.64 -0.62 0.00	28.66 -0.56 0.00	28.22 -0.55 0.00	28.67 -0.58 0.00	32.01 -0.62 0.00	38.77 -0.63 0.00	49.51 -0.81 0.00	58.65 -0.96 0.00	53.83 -1.27 0.00	42.40 -1.04 0.00	37.72 -1.04 0.00	31.35 -0.97 0.00	27.95 -0.93 0.00
E_FISHKILL____LBMP 23776	31.65 1.19 0.00	30.33 1.11 0.00	28.27 0.96 0.00	27.74 0.94 0.00	28.78 0.97 0.00	33.12 0.96 0.00	53.28 1.40 0.00	67.23 2.59 0.00	55.27 1.45 0.00	40.65 0.95 0.00	34.93 1.12 0.00	32.26 1.00 0.00	30.21 0.99 0.00	29.83 1.06 0.00	30.42 1.17 0.00	33.90 1.27 0.00	41.10 1.69 0.00	52.28 1.96 0.00	62.82 3.22 0.00	57.47 2.37 0.00	45.35 1.91 0.00	40.54 1.78 0.00	33.83 1.52 0.00	30.24 1.36 0.00
FALCON____SEABRD_CC1 323796	31.25 0.79 0.00	30.12 0.91 0.00	28.16 0.85 0.00	27.74 0.94 0.00	28.72 0.92 0.00	33.41 1.25 0.00	54.01 2.13 0.00	65.55 0.90 0.00	55.92 2.10 0.00	40.89 1.19 0.00	35.10 1.28 0.00	32.42 1.16 0.00	30.24 1.02 0.00	29.71 0.95 0.00	30.16 0.91 0.00	33.61 0.98 0.00	40.90 1.50 0.00	51.82 1.51 0.00	59.72 0.12 0.00	56.31 1.21 0.00	44.26 0.82 0.00	39.69 0.93 0.00	33.44 1.13 0.00	29.95 1.07 0.00

FALCON___SEABRD_CC2 323797	31.25 0.79 0.00	30.12 0.91 0.00	28.16 0.85 0.00	27.74 0.94 0.00	28.72 0.92 0.00	33.41 1.25 0.00	54.01 2.13 0.00	65.55 0.90 0.00	55.92 2.10 0.00	40.89 1.19 0.00	35.10 1.28 0.00	32.42 1.16 0.00	30.24 1.02 0.00	29.71 0.95 0.00	30.16 0.91 0.00	33.61 0.98 0.00	40.90 1.50 0.00	51.82 1.51 0.00	59.72 0.12 0.00	56.31 1.21 0.00	44.26 0.82 0.00	39.69 0.93 0.00	33.44 1.13 0.00	29.95 1.07 0.00
FAR ROCKAWAY___4 23548	32.62 2.16 0.00	31.09 1.87 0.00	28.95 1.64 0.00	28.38 1.58 0.00	29.50 1.70 0.00	33.89 1.74 0.00	52.76 1.35 0.47	66.35 2.59 0.88	54.53 1.45 0.74	40.39 0.95 0.26	35.88 2.06 0.00	33.32 2.06 0.00	31.09 1.87 0.00	30.78 2.01 0.00	31.48 2.22 0.00	35.19 2.55 -0.01	41.65 2.25 0.00	53.03 2.72 0.00	63.90 4.29 0.00	58.46 3.36 0.00	46.13 2.69 0.00	41.55 2.79 0.00	34.74 2.42 0.00	31.30 2.43 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.86 1.40 0.00	30.53 1.31 0.00	28.46 1.15 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.18 1.03 0.00	53.49 1.61 0.00	67.61 2.97 0.00	55.54 1.72 0.00	40.97 1.27 0.00	35.30 1.49 0.00	32.64 1.38 0.00	30.56 1.34 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.29 1.66 0.00	41.45 2.05 0.00	52.63 2.31 0.00	63.30 3.70 0.00	57.85 2.75 0.00	45.70 2.26 0.00	40.89 2.13 0.00	34.12 1.81 0.00	30.50 1.62 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.89 1.43 0.00	30.53 1.31 0.00	28.46 1.15 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.18 1.03 0.00	53.49 1.61 0.00	67.61 2.97 0.00	55.54 1.72 0.00	40.97 1.27 0.00	35.30 1.49 0.00	32.64 1.38 0.00	30.56 1.34 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.33 1.70 0.00	41.49 2.09 0.00	52.63 2.31 0.00	63.36 3.76 0.00	57.85 2.75 0.00	45.70 2.26 0.00	40.89 2.13 0.00	34.16 1.84 0.00	30.52 1.65 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.86 1.40 0.00	30.50 1.29 0.00	28.46 1.15 0.00	27.90 1.10 0.00	28.92 1.11 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.55 2.91 0.00	55.54 1.72 0.00	40.97 1.27 0.00	35.30 1.49 0.00	32.61 1.34 0.00	30.56 1.34 0.00	30.20 1.44 0.00	30.81 1.55 0.00	34.29 1.66 0.00	41.45 2.05 0.00	52.58 2.26 0.00	63.30 3.70 0.00	57.80 2.70 0.00	45.65 2.22 0.00	40.85 2.09 0.00	34.12 1.81 0.00	30.50 1.62 0.00
FARRAGUT___LBMP 323566	31.83 1.37 0.00	30.50 1.29 0.00	28.43 1.12 0.00	27.90 1.10 0.00	28.92 1.11 0.00	33.15 1.00 0.00	53.39 1.50 0.00	67.55 2.91 0.00	55.49 1.67 0.00	40.93 1.23 0.00	35.27 1.45 0.00	32.57 1.31 0.00	30.53 1.31 0.00	30.17 1.41 0.00	30.78 1.52 0.00	34.26 1.63 0.00	41.41 2.01 0.00	52.53 2.21 0.00	63.24 3.64 0.00	57.74 2.64 0.00	45.65 2.22 0.00	40.85 2.09 0.00	34.09 1.78 0.00	30.47 1.59 0.00
FENNER___WINDPWR 24204	30.98 0.37 -0.15	29.61 0.35 -0.05	27.67 0.35 0.00	27.12 0.32 0.00	28.20 0.39 0.00	33.04 0.55 -0.34	54.72 1.30 -1.54	68.46 2.26 -1.55	54.68 0.86 0.00	40.21 0.51 0.00	34.06 0.24 0.00	31.48 0.22 0.00	29.37 0.15 0.00	28.88 0.12 0.00	29.31 0.06 0.00	32.70 0.07 0.00	39.95 0.55 0.00	51.53 0.85 -0.37	61.77 1.43 -0.74	56.74 0.99 -0.64	44.47 0.69 -0.34	39.23 0.47 0.00	32.64 0.32 0.00	29.16 0.26 -0.02
FIBERTEK___ENERGY 23856	30.33 -0.49 -0.36	28.83 -0.50 -0.11	26.87 -0.44 0.00	26.34 -0.46 0.00	27.36 -0.44 0.00	32.56 -0.42 -0.82	55.05 -0.57 -3.73	68.27 -0.13 -3.76	52.31 -1.51 0.00	38.78 -0.91 0.00	32.94 -0.88 0.00	30.51 -0.75 0.00	28.43 -0.79 0.00	27.99 -0.78 0.00	28.38 -0.88 0.00	31.62 -1.01 0.00	38.81 -0.59 0.00	50.39 -0.81 -0.88	60.86 -0.54 -1.79	55.85 -0.83 -1.58	43.57 -0.70 -0.83	38.10 -0.66 0.00	31.76 -0.55 0.00	28.39 -0.55 -0.06
FITZPATRICK____ 23598	27.33 -1.16 1.97	27.50 -1.11 0.61	26.30 -1.01 0.00	25.78 -1.02 0.00	26.78 -1.03 0.00	26.50 -1.16 4.49	30.44 -1.82 19.63	43.00 -1.88 19.76	50.86 -2.96 0.00	37.75 -1.94 0.00	32.09 -1.72 0.00	29.70 -1.56 0.00	27.73 -1.49 0.00	27.30 -1.47 0.00	27.70 -1.55 0.00	30.87 -1.76 0.00	37.95 -1.46 0.00	43.75 -1.91 4.65	48.21 -1.97 9.43	44.70 -2.09 8.31	37.45 -1.65 4.34	37.25 -1.51 0.00	31.05 -1.26 0.00	27.45 -1.13 0.30
FLOWRFLD_69_KV_BK1 356044	32.56 2.10 0.00	30.94 1.72 0.00	28.84 1.53 0.00	28.27 1.47 0.00	29.42 1.61 0.00	33.83 1.67 0.00	47.89 0.62 4.61	57.68 1.42 8.38	47.39 0.65 7.08	37.37 0.36 2.68	35.71 1.89 0.00	33.23 1.97 0.00	30.97 1.75 0.00	30.69 1.93 0.00	31.45 2.19 0.00	35.25 2.61 -0.01	41.45 2.05 0.00	52.83 2.52 0.00	63.72 4.11 0.00	58.41 3.31 0.00	46.31 2.87 0.00	41.63 2.87 0.00	34.74 2.42 0.00	31.56 2.69 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.89 1.43 0.00	30.59 1.37 0.00	28.54 1.23 0.00	28.03 1.23 0.00	29.06 1.25 0.00	33.50 1.35 0.00	54.01 2.13 0.00	67.94 3.30 0.00	55.92 2.10 0.00	41.13 1.43 0.00	35.20 1.39 0.00	32.39 1.13 0.00	30.39 1.17 0.00	29.94 1.18 0.00	30.63 1.37 0.00	34.16 1.53 0.00	41.45 2.05 0.00	52.83 2.52 0.00	63.60 3.99 0.00	58.13 3.03 0.00	45.87 2.43 0.00	40.97 2.21 0.00	34.12 1.81 0.00	30.47 1.59 0.00
FORT ORANGE____ 23900	31.22 0.76 0.00	30.01 0.79 0.00	28.02 0.71 0.00	27.50 0.70 0.00	28.53 0.72 0.00	32.96 0.80 0.00	53.13 1.24 0.00	66.71 2.07 0.00	54.84 1.02 0.00	40.21 0.51 0.00	34.26 0.44 0.00	31.57 0.31 0.00	29.60 0.38 0.00	29.11 0.35 0.00	29.69 0.44 0.00	33.18 0.55 0.00	40.50 1.10 0.00	51.88 1.56 0.00	62.05 2.44 0.00	56.86 1.76 0.00	44.83 1.39 0.00	40.04 1.28 0.00	33.35 1.03 0.00	29.77 0.90 0.00
FORT_DRUM_COGEN 23780	30.96 0.21 -0.29	29.54 0.23 -0.09	27.56 0.25 0.00	27.04 0.24 0.00	28.11 0.31 0.00	33.35 0.55 -0.65	57.62 2.65 -3.09	71.76 4.01 -3.11	56.08 2.26 0.00	40.57 0.87 0.00	34.12 0.30 0.00	31.51 0.25 0.00	29.31 0.09 0.00	28.71 -0.06 0.00	29.08 -0.18 0.00	32.53 -0.10 0.00	40.07 0.67 0.00	52.45 1.41 -0.73	63.41 2.32 -1.48	58.40 1.98 -1.31	45.55 1.43 -0.68	39.34 0.58 0.00	32.51 0.19 0.00	29.07 0.14 -0.05
FOX_HILLS___ESR 323835	32.29 1.83 -0.01	30.89 1.67 -0.01	28.79 1.47 -0.01	28.20 1.39 -0.01	29.22 1.42 0.00	33.38 1.22 0.00	52.86 0.99 0.01	66.21 2.13 0.57	50.47 1.13 4.48	40.61 0.91 0.00	35.34 1.52 0.00	32.67 1.41 0.00	30.62 1.40 0.00	30.32 1.55 0.00	30.92 1.67 0.00	34.42 1.79 0.00	41.29 1.89 0.00	49.76 1.81 2.37	61.14 3.22 1.68	55.80 2.26 1.56	45.31 1.87 0.00	40.85 2.09 0.00	34.45 2.13 0.00	30.87 1.99 0.00
FPL FAR_ROCK_GT1 24212	32.62 2.16 0.00	31.09 1.87 0.00	28.95 1.64 0.00	28.41 1.61 0.00	29.50 1.70 0.00	33.99 1.83 0.00	52.81 1.40 0.47	66.35 2.59 0.88	54.53 1.45 0.74	40.43 0.99 0.26	35.81 1.99 0.00	33.45 2.19 0.00	31.12 1.90 0.00	30.81 2.04 0.00	31.48 2.22 0.00	35.12 2.48 -0.01	41.57 2.17 0.00	52.83 2.51 0.00	63.71 4.11 0.00	58.29 3.19 0.00	46.05 2.61 0.00	41.55 2.79 0.00	34.74 2.42 0.00	31.34 2.45 -0.01

FPL FAR_ROCK_GT2 23815	32.62 2.16 0.00	31.09 1.87 0.00	28.95 1.64 0.00	28.41 1.61 0.00	29.50 1.70 0.00	33.99 1.83 0.00	52.81 1.40 0.47	66.35 2.59 0.88	54.53 1.45 0.74	40.43 0.99 0.26	35.81 1.99 0.00	33.45 2.19 0.00	31.12 1.90 0.00	30.81 2.04 0.00	31.48 2.22 0.00	35.12 2.48 -0.01	41.57 2.17 0.00	52.83 2.51 0.00	63.71 4.11 0.00	58.29 3.19 0.00	46.05 2.61 0.00	41.55 2.79 0.00	34.74 2.42 0.00	31.34 2.45 -0.01
FRANKLIN_FALL_HYD 24054	31.25 0.79 0.00	30.09 0.88 0.00	28.13 0.82 0.00	27.71 0.91 0.00	28.70 0.89 0.00	33.34 1.19 0.00	55.93 3.42 -0.62	68.04 2.78 -0.62	57.16 3.34 0.00	41.80 2.10 0.00	35.27 1.45 0.00	32.54 1.28 0.00	30.36 1.14 0.00	29.77 1.01 0.00	30.22 0.97 0.00	33.67 1.04 0.00	41.02 1.62 0.00	52.88 2.42 -0.15	61.45 1.55 -0.30	57.79 2.42 -0.26	45.36 1.78 -0.14	40.00 1.24 0.00	33.25 0.94 0.00	29.73 0.84 -0.01
FREEPORT_EQUS_GT1 23764	32.44 1.98 0.00	30.88 1.66 0.00	28.76 1.45 0.00	28.25 1.45 0.00	29.33 1.53 0.00	33.73 1.58 0.00	50.13 0.83 2.58	61.89 1.94 4.69	50.72 0.86 3.96	38.84 0.63 1.50	35.51 1.69 0.00	33.23 1.97 0.00	30.88 1.66 0.00	30.58 1.81 0.00	31.27 2.02 0.00	34.89 2.25 -0.01	41.22 1.81 0.00	52.23 1.91 0.00	63.00 3.40 0.00	57.64 2.54 0.00	45.57 2.13 0.00	41.24 2.48 0.00	34.54 2.23 0.00	31.20 2.31 -0.01
FREEPORT___CT2 23818	32.44 1.98 0.00	30.88 1.66 0.00	28.76 1.45 0.00	28.25 1.45 0.00	29.33 1.53 0.00	33.73 1.58 0.00	50.13 0.83 2.58	61.89 1.94 4.69	50.72 0.86 3.96	38.84 0.63 1.50	35.51 1.69 0.00	33.23 1.97 0.00	30.88 1.66 0.00	30.58 1.81 0.00	31.27 2.02 0.00	34.89 2.25 -0.01	41.22 1.81 0.00	52.23 1.91 0.00	63.00 3.40 0.00	57.64 2.54 0.00	45.57 2.13 0.00	41.24 2.48 0.00	34.54 2.23 0.00	31.20 2.31 -0.01
FRESHKLS_33_KV_LOAD 356253	32.39 1.92 -0.01	30.98 1.75 -0.01	28.88 1.56 -0.01	28.28 1.47 -0.01	29.31 1.50 0.00	33.47 1.32 0.00	52.81 0.93 0.01	66.08 2.00 0.57	50.41 1.08 4.48	40.57 0.87 0.00	35.37 1.56 0.00	32.67 1.41 0.00	30.62 1.40 0.00	30.32 1.55 0.00	30.95 1.70 0.00	34.46 1.83 0.00	41.26 1.85 0.00	49.71 1.76 2.37	61.08 3.16 1.68	55.74 2.20 1.56	45.26 1.82 0.00	40.89 2.13 0.00	34.54 2.23 0.00	30.99 2.11 0.00
FULTON COGEN____ 23766	30.28 -0.82 -0.64	28.60 -0.82 -0.20	26.57 -0.74 0.00	26.05 -0.75 0.00	27.06 -0.75 0.00	32.85 -0.77 -1.47	57.23 -1.14 -6.49	70.27 -0.90 -6.54	51.56 -2.26 0.00	38.27 -1.43 0.00	32.50 -1.32 0.00	30.10 -1.16 0.00	28.08 -1.14 0.00	27.61 -1.15 0.00	28.03 -1.23 0.00	31.23 -1.40 0.00	38.42 -0.99 0.00	50.54 -1.31 -1.54	61.59 -1.13 -3.12	56.55 -1.32 -2.78	43.79 -1.09 -1.43	37.71 -1.05 0.00	31.44 -0.87 0.00	28.17 -0.81 -0.10
FULTON___LFGE 323630	32.71 2.25 0.00	31.44 2.22 0.00	29.33 2.02 0.00	28.78 1.98 0.00	29.95 2.14 0.00	34.73 2.57 0.00	56.40 4.51 0.00	71.10 6.46 0.00	57.86 4.04 0.00	42.00 2.30 0.00	35.30 1.49 0.00	32.48 1.22 0.00	30.42 1.20 0.00	29.92 1.15 0.00	30.45 1.20 0.00	34.62 1.99 0.00	42.32 2.92 0.00	54.49 4.17 0.00	65.20 5.60 0.00	59.84 4.74 0.00	46.96 3.52 0.00	41.94 3.18 0.00	34.90 2.59 0.00	31.10 2.22 0.00
G.F.CEMENT___DRP 24184	32.38 1.92 0.00	31.17 1.96 0.00	29.06 1.75 0.00	28.49 1.69 0.00	29.64 1.84 0.00	33.63 1.48 0.00	54.43 2.54 0.00	68.58 3.94 0.00	56.35 2.53 0.00	41.13 1.43 0.00	34.83 1.01 0.00	32.11 0.84 0.00	30.13 0.91 0.00	29.45 0.69 0.00	29.99 0.73 0.00	33.58 0.95 0.00	41.14 1.73 0.00	52.78 2.47 0.00	63.06 3.46 0.00	57.91 2.81 0.00	45.35 1.91 0.00	40.47 1.71 0.00	33.90 1.58 0.00	30.81 1.93 0.00
GARDENVILLE___LBMP 24039	29.64 -0.82 0.00	28.19 -1.02 0.00	26.52 -0.79 0.00	25.97 -0.83 0.00	27.03 -0.78 0.00	31.48 -0.68 0.00	50.28 -1.61 0.00	63.99 -0.65 0.00	51.56 -2.26 0.00	38.90 -0.79 0.00	33.14 -0.68 0.00	30.89 -0.38 0.00	28.75 -0.47 0.00	28.45 -0.32 0.00	28.49 -0.76 0.00	31.49 -1.14 0.00	37.71 -1.69 0.00	47.30 -3.02 0.00	57.10 -2.50 0.00	51.48 -3.58 0.04	40.53 -2.91 0.00	36.16 -2.60 0.00	30.47 -1.84 0.00	27.46 -1.42 0.00
GARDNVLA_35_KV_LD 355827	29.79 -0.67 0.00	28.34 -0.88 0.00	26.66 -0.66 0.00	26.10 -0.70 0.00	27.17 -0.64 0.00	31.64 -0.51 0.00	50.53 -1.35 0.00	64.38 -0.26 0.00	51.83 -1.99 0.00	39.10 -0.60 0.00	33.34 -0.47 0.00	31.07 -0.19 0.00	28.93 -0.29 0.00	28.62 -0.14 0.00	28.67 -0.59 0.00	31.65 -0.98 0.00	37.91 -1.50 0.00	47.55 -2.77 0.00	57.40 -2.21 0.00	51.70 -3.36 0.04	40.70 -2.74 0.00	36.36 -2.40 0.00	30.60 -1.71 0.00	27.58 -1.30 0.00
GELCKHM___115KV_LOAD 80723	30.02 -0.67 -0.23	28.62 -0.67 -0.07	26.71 -0.60 0.00	26.18 -0.62 0.00	27.19 -0.61 0.00	32.08 -0.61 -0.54	53.38 -0.93 -2.43	66.50 -0.58 -2.45	51.99 -1.83 0.00	38.55 -1.15 0.00	32.73 -1.08 0.00	30.35 -0.91 0.00	28.28 -0.94 0.00	27.84 -0.92 0.00	28.26 -0.99 0.00	31.46 -1.17 0.00	38.58 -0.83 0.00	49.78 -1.11 -0.58	59.88 -0.89 -1.17	54.96 -1.16 -1.01	43.02 -0.96 -0.54	37.87 -0.89 0.00	31.57 -0.74 0.00	28.22 -0.69 -0.04
GENERAL___MILLS 23808	29.73 -0.73 0.00	28.28 -0.93 0.00	26.63 -0.68 0.00	26.05 -0.75 0.00	27.11 -0.70 0.00	31.58 -0.58 0.00	50.43 -1.45 0.00	64.25 -0.39 0.00	51.72 -2.10 0.00	39.02 -0.67 0.00	33.28 -0.54 0.00	31.01 -0.25 0.00	28.87 -0.35 0.00	28.56 -0.20 0.00	28.61 -0.64 0.00	31.59 -1.04 0.00	37.83 -1.58 0.00	47.45 -2.87 0.00	57.28 -2.32 0.00	51.59 -3.47 0.04	40.66 -2.78 0.00	36.28 -2.48 0.00	30.57 -1.74 0.00	27.55 -1.33 0.00
GE_PLASTICS___DRP 24183	31.16 0.70 0.00	29.92 0.70 0.00	27.94 0.63 0.00	27.42 0.62 0.00	28.45 0.64 0.00	32.86 0.71 0.00	52.92 1.04 0.00	66.39 1.75 0.00	54.68 0.86 0.00	40.13 0.44 0.00	34.19 0.37 0.00	31.54 0.28 0.00	29.54 0.32 0.00	29.08 0.32 0.00	29.66 0.41 0.00	33.15 0.52 0.00	40.43 1.02 0.00	51.67 1.36 0.00	61.69 2.09 0.00	56.64 1.54 0.00	44.66 1.22 0.00	39.88 1.12 0.00	33.22 0.90 0.00	29.69 0.81 0.00
GILBOA___1 23756	31.07 0.61 0.00	29.80 0.58 0.00	27.83 0.52 0.00	27.31 0.51 0.00	28.33 0.53 0.00	32.70 0.55 0.00	52.71 0.83 0.00	66.06 1.42 0.00	54.36 0.54 0.00	40.14 0.44 0.00	34.26 0.44 0.00	31.67 0.41 0.00	29.63 0.41 0.00	29.20 0.43 0.00	29.72 0.47 0.00	33.15 0.52 0.00	40.27 0.87 0.00	51.27 0.95 0.00	61.09 1.49 0.00	56.20 1.10 0.00	44.35 0.91 0.00	39.65 0.89 0.00	33.09 0.77 0.00	29.57 0.69 0.00
GILBOA___2 23757	31.07 0.61 0.00	29.80 0.58 0.00	27.83 0.52 0.00	27.31 0.51 0.00	28.33 0.53 0.00	32.70 0.55 0.00	52.71 0.83 0.00	66.06 1.42 0.00	54.36 0.54 0.00	40.14 0.44 0.00	34.26 0.44 0.00	31.67 0.41 0.00	29.63 0.41 0.00	29.20 0.43 0.00	29.72 0.47 0.00	33.15 0.52 0.00	40.27 0.87 0.00	51.27 0.95 0.00	61.09 1.49 0.00	56.20 1.10 0.00	44.35 0.91 0.00	39.65 0.89 0.00	33.09 0.77 0.00	29.57 0.69 0.00

GILBOA___3 23758	31.07 0.61 0.00	29.80 0.58 0.00	27.83 0.52 0.00	27.31 0.51 0.00	28.33 0.53 0.00	32.70 0.55 0.00	52.71 0.83 0.00	66.06 1.42 0.00	54.36 0.54 0.00	40.14 0.44 0.00	34.26 0.44 0.00	31.67 0.41 0.00	29.63 0.41 0.00	29.20 0.43 0.00	29.72 0.47 0.00	33.15 0.52 0.00	40.27 0.87 0.00	51.27 0.95 0.00	61.09 1.49 0.00	56.20 1.10 0.00	44.35 0.91 0.00	39.65 0.89 0.00	33.09 0.77 0.00	29.57 0.69 0.00
GILBOA___4 23759	31.07 0.61 0.00	29.80 0.58 0.00	27.83 0.52 0.00	27.31 0.51 0.00	28.33 0.53 0.00	32.70 0.55 0.00	52.71 0.83 0.00	66.06 1.42 0.00	54.36 0.54 0.00	40.14 0.44 0.00	34.26 0.44 0.00	31.67 0.41 0.00	29.63 0.41 0.00	29.20 0.43 0.00	29.72 0.47 0.00	33.15 0.52 0.00	40.27 0.87 0.00	51.27 0.95 0.00	61.09 1.49 0.00	56.20 1.10 0.00	44.35 0.91 0.00	39.65 0.89 0.00	33.09 0.77 0.00	29.57 0.69 0.00
GILBOA___ 23599	31.07 0.61 0.00	29.80 0.58 0.00	27.83 0.52 0.00	27.31 0.51 0.00	28.33 0.53 0.00	32.70 0.55 0.00	52.71 0.83 0.00	66.06 1.42 0.00	54.36 0.54 0.00	40.09 0.40 0.00	34.26 0.44 0.00	31.64 0.38 0.00	29.63 0.41 0.00	29.20 0.43 0.00	29.72 0.47 0.00	33.15 0.52 0.00	40.27 0.87 0.00	51.27 0.96 0.00	61.09 1.49 0.00	56.26 1.16 0.00	44.35 0.91 0.00	39.65 0.89 0.00	33.09 0.78 0.00	29.57 0.69 0.00
GINNA___ 23603	28.24 -2.22 0.00	26.99 -2.22 0.00	25.32 -1.99 0.00	24.76 -2.04 0.00	25.80 -2.00 0.00	29.97 -2.19 0.00	48.10 -3.79 0.00	61.15 -3.49 0.00	49.46 -4.36 0.00	37.04 -2.66 0.00	31.45 -2.37 0.00	29.13 -2.13 0.00	27.15 -2.07 0.00	26.75 -2.01 0.00	26.97 -2.28 0.00	29.99 -2.64 0.00	36.45 -2.96 0.00	46.24 -4.07 0.00	55.49 -4.11 0.00	50.70 -4.35 0.04	39.88 -3.56 0.00	35.58 -3.18 0.00	29.63 -2.68 0.00	26.48 -2.40 0.00
GLEN PARK___ 23778	31.13 0.37 -0.30	29.69 0.38 -0.09	27.69 0.38 0.00	27.18 0.38 0.00	28.28 0.47 0.00	33.58 0.74 -0.68	58.11 3.01 -3.22	72.41 4.52 -3.25	56.35 2.53 0.00	40.69 0.99 0.00	34.19 0.37 0.00	31.54 0.28 0.00	29.37 0.15 0.00	28.76 0.00 0.00	29.14 -0.12 0.00	32.60 -0.03 0.00	40.23 0.83 0.00	52.79 1.71 -0.76	63.90 2.74 -1.55	58.79 2.31 -1.37	45.84 1.69 -0.71	39.58 0.82 0.00	32.67 0.36 0.00	29.19 0.26 -0.05
GLENDALE_27_KV_LOAD 356172	32.11 1.64 -0.01	30.77 1.55 -0.01	28.69 1.37 -0.01	28.12 1.31 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.38 1.50 0.01	67.48 2.84 0.01	55.54 1.72 0.00	41.01 1.31 0.00	35.44 1.62 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.38 1.61 0.00	30.98 1.73 0.00	34.46 1.83 0.00	41.57 2.17 0.00	52.63 2.31 0.00	63.36 3.76 0.00	57.85 2.75 0.00	45.70 2.26 0.00	40.97 2.21 0.00	34.32 2.00 0.00	30.73 1.85 0.00
GLENWOOD_IC_1_G5 23712	32.20 1.74 0.00	30.74 1.52 0.00	28.65 1.34 0.00	28.09 1.29 0.00	29.17 1.36 0.00	33.50 1.35 0.00	51.62 1.30 1.56	64.39 2.59 2.83	52.82 1.40 2.39	39.75 0.95 0.90	35.51 1.69 0.00	32.89 1.63 0.00	30.74 1.52 0.00	30.40 1.64 0.00	31.07 1.81 0.00	34.67 2.02 -0.02	41.45 2.05 0.00	52.73 2.42 0.00	63.48 3.87 0.00	58.02 2.92 0.00	45.83 2.39 0.00	41.12 2.36 0.00	34.35 2.04 0.00	30.87 1.99 0.00
GLENWOOD_IC_2_G1 23688	32.01 1.55 0.00	30.59 1.37 0.00	28.51 1.20 0.00	28.01 1.21 0.00	29.03 1.22 0.00	33.41 1.25 0.00	53.26 1.35 -0.03	67.13 2.52 0.03	55.19 1.40 0.02	40.75 1.03 -0.02	35.30 1.49 0.00	32.76 1.50 0.00	30.62 1.40 0.00	30.26 1.49 0.00	30.89 1.64 0.00	34.42 1.79 0.00	41.29 1.89 0.00	52.48 2.16 0.00	63.18 3.58 0.00	57.74 2.64 0.00	45.61 2.17 0.00	40.93 2.17 0.00	34.19 1.87 0.00	30.68 1.79 -0.01
GLENWOOD_IC_3_G1 23689	32.01 1.55 0.00	30.59 1.37 0.00	28.51 1.20 0.00	28.01 1.21 0.00	29.03 1.22 0.00	33.41 1.25 0.00	53.26 1.35 -0.03	67.13 2.52 0.03	55.19 1.40 0.02	40.75 1.03 -0.02	35.30 1.49 0.00	32.76 1.50 0.00	30.62 1.40 0.00	30.26 1.49 0.00	30.89 1.64 0.00	34.42 1.79 0.00	41.29 1.89 0.00	52.48 2.16 0.00	63.18 3.58 0.00	57.74 2.64 0.00	45.61 2.17 0.00	40.93 2.17 0.00	34.19 1.87 0.00	30.68 1.79 -0.01
GLENWOOD___4 23550	32.20 1.74 0.00	30.74 1.52 0.00	28.65 1.34 0.00	28.09 1.29 0.00	29.17 1.36 0.00	33.50 1.35 0.00	51.62 1.30 1.56	64.39 2.59 2.83	52.82 1.40 2.39	39.75 0.95 0.90	35.51 1.69 0.00	32.89 1.63 0.00	30.74 1.52 0.00	30.40 1.64 0.00	31.07 1.81 0.00	34.67 2.02 -0.02	41.45 2.05 0.00	52.73 2.42 0.00	63.48 3.87 0.00	58.02 2.92 0.00	45.83 2.39 0.00	41.12 2.36 0.00	34.35 2.04 0.00	30.87 1.99 0.00
GLENWOOD___5 23614	32.20 1.74 0.00	30.74 1.52 0.00	28.65 1.34 0.00	28.09 1.29 0.00	29.17 1.36 0.00	33.50 1.35 0.00	51.62 1.30 1.56	64.39 2.59 2.83	52.82 1.40 2.39	39.75 0.95 0.90	35.51 1.69 0.00	32.89 1.63 0.00	30.74 1.52 0.00	30.40 1.64 0.00	31.07 1.81 0.00	34.67 2.02 -0.02	41.45 2.05 0.00	52.73 2.42 0.00	63.48 3.87 0.00	58.02 2.92 0.00	45.83 2.39 0.00	41.12 2.36 0.00	34.35 2.04 0.00	30.87 1.99 0.00
GLOBAL GREEN_PORT_GT1 23814	32.35 1.89 0.00	30.68 1.46 0.00	28.62 1.31 0.00	28.14 1.34 0.00	29.28 1.47 0.00	33.82 1.67 0.00	47.88 0.62 4.63	57.90 1.68 8.42	47.52 0.81 7.11	37.68 0.67 2.69	35.95 2.13 0.00	33.92 2.66 0.00	31.47 2.25 0.00	31.30 2.53 0.00	32.09 2.84 0.00	35.93 3.29 -0.01	42.24 2.84 0.00	54.04 3.72 0.00	65.33 5.72 0.00	60.00 4.90 0.00	47.35 3.91 0.00	42.64 3.88 0.00	35.28 2.97 0.00	32.12 3.23 -0.01
GLOBE___DSASP 323697	28.69 -1.77 0.00	27.32 -1.90 0.00	25.70 -1.61 0.00	25.17 -1.63 0.00	26.17 -1.64 0.00	30.42 -1.74 0.00	48.30 -3.58 0.00	61.54 -3.10 0.00	49.51 -4.31 0.00	37.43 -2.26 0.00	31.96 -1.86 0.00	29.85 -1.41 0.00	27.79 -1.43 0.00	27.47 -1.29 0.00	27.50 -1.76 0.00	30.41 -2.22 0.00	36.37 -3.03 0.00	45.48 -4.83 0.00	54.89 -4.71 0.00	49.72 -5.34 0.04	39.18 -4.26 0.00	35.00 -3.76 0.00	29.47 -2.84 0.00	26.60 -2.28 0.00
GOETHSLN___LBMP 323567	31.65 1.19 0.00	30.33 1.11 0.00	28.27 0.96 0.00	27.71 0.91 0.00	28.72 0.92 0.01	32.96 0.80 0.00	53.13 1.25 0.00	66.60 2.52 0.56	50.64 1.29 4.47	40.73 1.03 0.00	35.07 1.25 0.00	32.42 1.16 0.00	30.39 1.17 0.00	30.03 1.27 0.00	30.63 1.37 0.00	34.10 1.47 0.00	41.22 1.81 0.00	49.87 1.91 2.36	61.21 3.28 1.67	55.86 2.31 1.55	45.39 1.95 0.00	40.62 1.86 0.00	33.93 1.62 0.00	30.32 1.44 0.00
GOLAH___69_KV_TB 1_2 80279	29.61 -0.85 0.00	28.25 -0.96 0.00	26.49 -0.82 0.00	25.97 -0.83 0.00	27.03 -0.78 0.00	31.45 -0.71 0.00	50.38 -1.50 0.00	64.06 -0.58 0.00	51.72 -2.10 0.00	38.86 -0.83 0.00	33.01 -0.81 0.00	30.67 -0.59 0.00	28.55 -0.67 0.00	28.13 -0.63 0.00	28.29 -0.97 0.00	31.36 -1.27 0.00	37.87 -1.54 0.00	47.90 -2.42 0.00	57.64 -1.97 0.00	52.69 -2.37 0.04	41.40 -2.04 0.00	36.94 -1.82 0.00	30.86 -1.45 0.00	27.67 -1.21 0.00

GOODYEAR_LAKE_HYD 323669	31.65 1.19 0.00	30.33 1.11 0.00	28.35 1.04 0.00	27.82 1.02 0.00	28.92 1.11 0.00	33.47 1.32 0.00	54.48 2.59 0.00	68.58 3.94 0.00	56.13 2.31 0.00	41.13 1.43 0.00	34.87 1.05 0.00	32.23 0.97 0.00	30.13 0.91 0.00	29.66 0.89 0.00	30.10 0.85 0.00	33.71 1.08 0.00	41.02 1.62 0.00	52.48 2.16 0.00	62.76 3.16 0.00	57.52 2.42 0.00	45.31 1.87 0.00	40.35 1.59 0.00	33.61 1.29 0.00	30.03 1.16 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.65 0.06 -0.13	29.20 -0.06 -0.04	27.31 0.00 0.00	26.75 -0.05 0.00	27.81 0.00 0.00	32.59 0.13 -0.31	53.47 0.26 -1.33	67.01 1.03 -1.34	54.20 0.38 0.00	40.21 0.52 0.00	34.09 0.27 0.00	31.64 0.38 0.00	29.51 0.29 0.00	29.08 0.32 0.00	29.43 0.18 0.00	32.70 0.07 0.00	39.72 0.32 0.00	50.93 0.30 -0.31	61.37 1.13 -0.64	55.98 0.33 -0.55	43.91 0.17 -0.29	38.88 0.12 0.00	32.57 0.26 0.00	29.22 0.32 -0.02
GOUDEY___7 23579	30.65 0.06 -0.13	29.20 -0.06 -0.04	27.31 0.00 0.00	26.75 -0.05 0.00	27.81 0.00 0.00	32.59 0.13 -0.31	53.47 0.26 -1.33	67.01 1.03 -1.34	54.20 0.38 0.00	40.21 0.52 0.00	34.09 0.27 0.00	31.64 0.38 0.00	29.51 0.29 0.00	29.08 0.32 0.00	29.43 0.18 0.00	32.70 0.07 0.00	39.72 0.32 0.00	50.93 0.30 -0.31	61.37 1.13 -0.64	55.98 0.33 -0.55	43.91 0.17 -0.29	38.88 0.12 0.00	32.57 0.26 0.00	29.22 0.32 -0.02
GOUDEY___8 23580	30.65 0.06 -0.13	29.20 -0.06 -0.04	27.31 0.00 0.00	26.75 -0.05 0.00	27.81 0.00 0.00	32.59 0.13 -0.31	53.47 0.26 -1.33	67.01 1.03 -1.34	54.20 0.38 0.00	40.21 0.52 0.00	34.09 0.27 0.00	31.64 0.38 0.00	29.51 0.29 0.00	29.08 0.32 0.00	29.43 0.18 0.00	32.70 0.07 0.00	39.72 0.32 0.00	50.93 0.30 -0.31	61.37 1.13 -0.64	55.98 0.33 -0.55	43.91 0.17 -0.29	38.88 0.12 0.00	32.57 0.26 0.00	29.22 0.32 -0.02
GOWANUS_GT1_1 24077	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT1_2 24078	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT1_3 24079	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT1_4 24080	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT1_5 24084	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT1_6 24111	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT1_7 24112	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT1_8 24113	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT2_1 24114	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT2_2 24115	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT2_3 24116	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00

GOWANUS_GT2_4 24117	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT2_5 24118	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT2_6 24119	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT2_7 24120	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT2_8 24121	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT3_1 24122	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT3_2 24123	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT3_3 24124	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT3_4 24125	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT3_5 24126	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT3_6 24127	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT3_7 24128	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT3_8 24129	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT4_1 24130	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT4_2 24131	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00

GOWANUS_GT4_3 24132	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT4_4 24133	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT4_5 24134	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT4_6 24135	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT4_7 24136	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GOWANUS_GT4_8 24137	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GREENBSH_115KV_TB3 55895	31.13 0.67 0.00	29.89 0.67 0.00	27.89 0.57 0.00	27.39 0.59 0.00	28.42 0.61 0.00	32.80 0.64 0.00	52.82 0.93 0.00	66.32 1.68 0.00	54.63 0.81 0.00	40.09 0.40 0.00	34.19 0.37 0.00	31.54 0.28 0.00	29.54 0.32 0.00	29.08 0.32 0.00	29.66 0.41 0.00	33.15 0.52 0.00	40.43 1.02 0.00	51.67 1.36 0.00	61.69 2.09 0.00	56.59 1.49 0.00	44.61 1.17 0.00	39.85 1.09 0.00	33.22 0.90 0.00	29.69 0.81 0.00
GREENIDGE_115KV_TB5 80291	30.39 -0.18 -0.11	28.93 -0.32 -0.03	27.09 -0.22 0.00	26.51 -0.29 0.00	27.61 -0.19 0.00	32.47 0.06 -0.25	52.76 -0.21 -1.08	66.57 0.84 -1.09	52.96 -0.86 0.00	39.74 0.04 0.00	33.61 -0.20 0.00	31.20 -0.06 0.00	29.02 -0.20 0.00	28.56 -0.20 0.00	28.85 -0.41 0.00	32.04 -0.59 0.00	39.01 -0.39 0.00	49.61 -0.96 -0.26	59.77 -0.36 -0.52	54.49 -1.05 -0.44	42.68 -1.00 -0.24	38.02 -0.74 0.00	31.76 -0.55 0.00	28.40 -0.49 -0.02
GREENIDGE___3 23582	30.39 -0.18 -0.11	28.93 -0.32 -0.03	27.09 -0.22 0.00	26.51 -0.29 0.00	27.61 -0.19 0.00	32.47 0.06 -0.25	52.76 -0.21 -1.08	66.57 0.84 -1.09	52.96 -0.86 0.00	39.74 0.04 0.00	33.61 -0.20 0.00	31.20 -0.06 0.00	29.02 -0.20 0.00	28.56 -0.20 0.00	28.85 -0.41 0.00	32.04 -0.59 0.00	39.01 -0.39 0.00	49.61 -0.96 -0.26	59.77 -0.36 -0.52	54.49 -1.05 -0.44	42.68 -1.00 -0.24	38.02 -0.74 0.00	31.76 -0.55 0.00	28.40 -0.49 -0.02
GREENIDGE___4 23583	30.36 -0.21 -0.11	28.93 -0.32 -0.03	27.09 -0.22 0.00	26.48 -0.32 0.00	27.61 -0.19 0.00	32.44 0.03 -0.25	52.76 -0.21 -1.08	66.57 0.84 -1.09	52.90 -0.92 0.00	39.74 0.04 0.00	33.62 -0.20 0.00	31.14 -0.12 0.00	28.96 -0.26 0.00	28.56 -0.20 0.00	28.85 -0.41 0.00	32.04 -0.59 0.00	39.01 -0.39 0.00	49.61 -0.96 -0.26	59.77 -0.36 -0.52	54.49 -1.05 -0.44	42.68 -1.00 -0.24	38.02 -0.74 0.00	31.73 -0.58 0.00	28.40 -0.49 -0.02
GREENLWN_69_KV_BK 3 55738	32.29 1.83 0.00	30.74 1.52 0.00	28.62 1.31 0.00	28.09 1.29 0.00	29.20 1.39 0.00	33.50 1.35 0.00	47.33 0.00 4.55	57.27 0.90 8.27	46.89 0.05 6.98	37.09 0.04 2.65	35.47 1.66 0.00	32.95 1.69 0.00	30.74 1.52 0.00	30.43 1.67 0.00	31.16 1.90 0.00	34.86 2.22 -0.01	40.82 1.42 0.00	52.02 1.71 0.00	62.70 3.10 0.00	57.36 2.26 0.00	45.31 1.87 0.00	40.78 2.02 0.00	34.38 2.07 0.00	31.10 2.22 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
GRISSOM___SOLAR 323813	32.53 2.07 0.00	31.29 2.07 0.00	29.19 1.88 0.00	28.62 1.82 0.00	29.81 2.00 0.00	34.50 2.35 0.00	56.04 4.15 0.00	70.52 5.88 0.00	57.53 3.71 0.00	41.80 2.10 0.00	35.24 1.42 0.00	32.42 1.16 0.00	30.36 1.14 0.00	29.86 1.09 0.00	30.39 1.14 0.00	34.46 1.83 0.00	42.12 2.72 0.00	54.19 3.87 0.00	64.85 5.25 0.00	59.51 4.41 0.00	46.70 3.26 0.00	41.70 2.94 0.00	34.71 2.39 0.00	30.96 2.08 0.00
GROVEVILLE___HYD 323602	31.89 1.43 0.00	30.59 1.37 0.00	28.54 1.23 0.00	28.03 1.23 0.00	29.06 1.25 0.00	33.50 1.35 0.00	54.01 2.13 0.00	67.94 3.30 0.00	55.92 2.10 0.00	41.13 1.43 0.00	35.20 1.39 0.00	32.39 1.13 0.00	30.39 1.17 0.00	29.94 1.18 0.00	30.63 1.37 0.00	34.16 1.53 0.00	41.45 2.05 0.00	52.83 2.52 0.00	63.60 3.99 0.00	58.13 3.03 0.00	45.87 2.43 0.00	40.97 2.21 0.00	34.12 1.81 0.00	30.47 1.59 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.33 -0.49 -0.36	28.83 -0.50 -0.11	26.87 -0.44 0.00	26.34 -0.46 0.00	27.36 -0.44 0.00	32.56 -0.42 -0.82	55.05 -0.57 -3.73	68.27 -0.13 -3.76	52.31 -1.51 0.00	38.78 -0.91 0.00	32.94 -0.88 0.00	30.51 -0.75 0.00	28.43 -0.79 0.00	27.99 -0.78 0.00	28.38 -0.88 0.00	31.62 -1.01 0.00	38.81 -0.59 0.00	50.39 -0.81 -0.88	60.86 -0.54 -1.79	55.85 -0.83 -1.58	43.57 -0.70 -0.83	38.10 -0.66 0.00	31.76 -0.55 0.00	28.39 -0.55 -0.06

HAMLTNNY_34_KV_TB 80303	30.31 -0.52 -0.37	28.81 -0.53 -0.12	26.87 -0.44 0.00	26.32 -0.48 0.00	27.36 -0.44 0.00	32.59 -0.42 -0.85	55.19 -0.57 -3.87	68.41 -0.13 -3.90	52.31 -1.51 0.00	38.82 -0.87 0.00	32.94 -0.88 0.00	30.54 -0.72 0.00	28.46 -0.76 0.00	27.99 -0.78 0.00	28.38 -0.88 0.00	31.62 -1.01 0.00	38.77 -0.63 0.00	50.43 -0.81 -0.92	60.93 -0.54 -1.86	55.91 -0.83 -1.64	43.56 -0.74 -0.86	38.06 -0.70 0.00	31.73 -0.58 0.00	28.39 -0.55 -0.06
HAMPSHIRE___PAPER_HYD 323593	31.06 0.49 -0.12	29.78 0.53 -0.04	27.83 0.52 0.00	27.36 0.56 0.00	28.39 0.58 0.00	33.23 0.80 -0.27	57.84 4.20 -1.76	71.71 5.30 -1.77	57.75 3.93 0.00	41.56 1.87 0.00	34.97 1.15 0.00	32.29 1.03 0.00	30.07 0.85 0.00	29.45 0.69 0.00	29.84 0.58 0.00	33.32 0.69 0.00	40.94 1.54 0.00	53.39 2.66 -0.42	63.78 3.34 -0.84	59.09 3.25 -0.74	46.17 2.34 -0.39	40.08 1.32 0.00	33.09 0.77 0.00	29.57 0.66 -0.03
HARDSCRABBLE_WT_PWR 323673	30.03 -0.43 0.00	28.90 -0.32 0.00	27.04 -0.27 0.00	26.56 -0.24 0.00	27.58 -0.22 0.00	31.90 -0.26 0.00	51.63 -0.26 0.00	64.58 -0.06 0.00	53.33 -0.49 0.00	39.18 -0.52 0.00	33.38 -0.44 0.00	30.82 -0.44 0.00	28.84 -0.38 0.00	28.39 -0.37 0.00	28.85 -0.41 0.00	32.20 -0.43 0.00	39.01 -0.39 0.00	49.76 -0.55 0.00	58.95 -0.65 0.00	54.05 -1.05 0.00	42.48 -0.96 0.00	37.79 -0.97 0.00	31.38 -0.94 0.00	27.98 -0.90 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.80 1.34 0.00	30.47 1.26 0.00	28.43 1.12 0.00	27.90 1.10 0.00	28.92 1.11 0.00	33.34 1.19 0.00	53.75 1.87 0.00	67.68 3.04 0.00	55.65 1.83 0.00	40.97 1.27 0.00	35.07 1.25 0.00	32.32 1.06 0.00	30.30 1.08 0.00	29.89 1.12 0.00	30.54 1.29 0.00	34.07 1.44 0.00	41.29 1.89 0.00	52.63 2.31 0.00	63.36 3.76 0.00	57.91 2.81 0.00	45.65 2.22 0.00	40.78 2.02 0.00	34.03 1.71 0.00	30.41 1.53 0.00
HARSNRAD_115KV_TB1 81005	29.15 -1.31 0.00	27.76 -1.46 0.00	26.11 -1.20 0.00	25.57 -1.23 0.00	26.58 -1.22 0.00	30.96 -1.19 0.00	49.29 -2.59 0.00	62.90 -1.75 0.00	50.59 -3.23 0.00	38.23 -1.47 0.00	32.60 -1.22 0.00	30.42 -0.84 0.00	28.31 -0.91 0.00	27.99 -0.78 0.00	28.03 -1.23 0.00	30.97 -1.66 0.00	37.08 -2.32 0.00	46.44 -3.87 0.00	56.09 -3.52 0.00	50.71 -4.35 0.04	39.92 -3.52 0.00	35.66 -3.10 0.00	29.99 -2.33 0.00	27.03 -1.85 0.00
HARZA MOOSE___RIVER 24016	31.14 0.58 -0.10	29.83 0.58 -0.03	27.86 0.55 0.00	27.36 0.56 0.00	28.42 0.61 0.00	33.19 0.80 -0.23	55.60 2.54 -1.17	69.51 3.68 -1.18	56.13 2.31 0.00	40.85 1.15 0.00	34.49 0.68 0.00	31.89 0.63 0.00	29.75 0.53 0.00	29.20 0.43 0.00	29.61 0.35 0.00	33.05 0.42 0.00	40.43 1.02 0.00	52.30 1.71 -0.28	62.67 2.50 -0.56	57.64 2.04 -0.50	45.22 1.52 -0.26	39.54 0.78 0.00	32.73 0.42 0.00	29.24 0.35 -0.02
HDSNBRDG_115KV_BRDG_TB1 355580	30.01 -0.64 -0.19	28.63 -0.64 -0.06	26.74 -0.57 0.00	26.21 -0.59 0.00	27.22 -0.58 0.00	31.99 -0.61 -0.44	52.94 -0.93 -1.99	66.07 -0.58 -2.01	51.99 -1.83 0.00	38.59 -1.11 0.00	32.80 -1.01 0.00	30.39 -0.88 0.00	28.34 -0.88 0.00	27.87 -0.89 0.00	28.29 -0.97 0.00	31.52 -1.11 0.00	38.62 -0.79 0.00	49.68 -1.11 -0.47	59.67 -0.89 -0.96	54.77 -1.16 -0.83	42.92 -0.96 -0.44	37.91 -0.85 0.00	31.60 -0.71 0.00	28.24 -0.66 -0.03
HELLGATE_13_KV_LD 55870	32.02 1.55 -0.01	30.66 1.43 -0.01	28.60 1.28 -0.01	28.04 1.23 -0.01	29.06 1.25 0.00	33.15 1.00 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.16 1.35 0.00	40.77 1.07 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.56 1.34 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.29 1.66 0.00	41.33 1.93 0.00	52.28 1.96 0.00	62.94 3.34 0.00	57.47 2.37 0.00	45.44 2.00 0.00	40.78 2.02 0.00	34.16 1.84 0.00	30.64 1.76 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.02 1.55 -0.01	30.66 1.43 -0.01	28.60 1.28 -0.01	28.04 1.23 -0.01	29.06 1.25 0.00	33.15 1.00 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.16 1.35 0.00	40.77 1.07 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.56 1.34 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.29 1.66 0.00	41.33 1.93 0.00	52.28 1.96 0.00	62.94 3.34 0.00	57.47 2.37 0.00	45.44 2.00 0.00	40.78 2.02 0.00	34.16 1.84 0.00	30.64 1.76 0.00
HEMPSTEAD____ 23647	32.16 1.70 0.00	30.68 1.46 0.00	28.60 1.28 0.00	28.06 1.26 0.00	29.11 1.31 0.00	33.47 1.32 0.00	50.27 0.73 2.33	62.14 1.75 4.24	51.04 0.81 3.58	38.90 0.56 1.35	35.30 1.49 0.00	32.98 1.72 0.00	30.71 1.49 0.00	30.37 1.61 0.00	31.04 1.78 0.00	34.63 1.99 -0.01	41.06 1.65 0.00	52.18 1.86 0.00	62.88 3.28 0.00	57.52 2.42 0.00	45.44 2.00 0.00	40.97 2.21 0.00	34.29 1.97 0.00	30.94 2.05 -0.01
HEWLETT_69_KV_BK3 55828	32.50 2.04 0.00	30.97 1.75 0.00	28.87 1.56 0.00	28.30 1.50 0.00	29.39 1.58 0.00	33.76 1.61 0.00	52.55 1.14 0.47	66.09 2.33 0.88	54.32 1.24 0.74	40.23 0.79 0.26	35.74 1.93 0.00	33.20 1.94 0.00	30.97 1.75 0.00	30.66 1.90 0.00	31.36 2.11 0.00	35.06 2.41 -0.01	41.49 2.09 0.00	52.78 2.47 0.00	63.60 3.99 0.00	58.19 3.09 0.00	45.96 2.52 0.00	41.36 2.60 0.00	34.61 2.29 0.00	31.22 2.34 0.00
HICKLING___1 23621	30.54 -0.03 -0.11	29.05 -0.20 -0.03	27.23 -0.08 0.00	26.61 -0.19 0.00	27.72 -0.08 0.00	32.53 0.13 -0.25	53.14 0.21 -1.05	67.05 1.36 -1.06	53.28 -0.54 0.00	39.74 0.04 0.00	33.61 -0.20 0.00	31.23 -0.03 0.00	29.07 -0.15 0.00	28.68 -0.09 0.00	28.93 -0.32 0.00	32.11 -0.52 0.00	38.89 -0.51 0.00	49.71 -0.86 -0.25	59.93 -0.18 -0.50	54.42 -1.10 -0.42	42.72 -0.96 -0.23	37.87 -0.89 0.00	31.76 -0.55 0.00	28.49 -0.40 -0.02
HICKLING___2 23622	30.54 -0.03 -0.11	29.05 -0.20 -0.03	27.23 -0.08 0.00	26.61 -0.19 0.00	27.72 -0.08 0.00	32.53 0.13 -0.25	53.14 0.21 -1.05	67.05 1.36 -1.06	53.28 -0.54 0.00	39.74 0.04 0.00	33.61 -0.20 0.00	31.23 -0.03 0.00	29.07 -0.15 0.00	28.68 -0.09 0.00	28.93 -0.32 0.00	32.11 -0.52 0.00	38.89 -0.51 0.00	49.71 -0.86 -0.25	59.93 -0.18 -0.50	54.42 -1.10 -0.42	42.72 -0.96 -0.23	37.87 -0.89 0.00	31.76 -0.55 0.00	28.49 -0.40 -0.02
HIGH FALLS___HY 23754	31.77 1.31 0.00	30.41 1.20 0.00	28.40 1.09 0.00	27.87 1.07 0.00	28.89 1.08 0.00	33.34 1.19 0.00	53.80 1.92 0.00	67.61 2.97 0.00	55.70 1.88 0.00	41.01 1.31 0.00	35.10 1.29 0.00	32.32 1.06 0.00	30.30 1.08 0.00	29.89 1.12 0.00	30.57 1.32 0.00	34.07 1.44 0.00	41.22 1.81 0.00	52.53 2.21 0.00	63.30 3.70 0.00	57.80 2.70 0.00	45.70 2.26 0.00	40.74 1.98 0.00	33.93 1.62 0.00	30.32 1.44 0.00
HIGH_RIVER___SOLAR 323847	31.86 1.40 0.00	30.59 1.37 0.00	28.57 1.26 0.00	28.03 1.23 0.00	29.11 1.31 0.00	33.63 1.48 0.00	54.37 2.49 0.00	68.26 3.62 0.00	55.86 2.04 0.00	40.81 1.11 0.00	34.43 0.61 0.00	31.67 0.41 0.00	29.66 0.44 0.00	29.25 0.49 0.00	29.84 0.58 0.00	33.77 1.14 0.00	41.22 1.81 0.00	52.83 2.51 0.00	63.12 3.52 0.00	57.96 2.86 0.00	45.57 2.13 0.00	40.70 1.94 0.00	33.90 1.58 0.00	30.32 1.44 0.00

HILLBURN___GT 23639	31.74 1.28 0.00	30.39 1.17 0.00	28.35 1.04 0.00	27.82 1.02 0.00	28.84 1.03 0.00	33.18 1.03 0.00	53.49 1.61 0.00	67.48 2.84 0.00	55.43 1.61 0.00	40.89 1.19 0.00	35.03 1.22 0.00	32.35 1.09 0.00	30.33 1.11 0.00	29.92 1.15 0.00	30.54 1.29 0.00	34.03 1.40 0.00	41.18 1.77 0.00	52.48 2.16 0.00	63.06 3.46 0.00	57.64 2.54 0.00	45.48 2.04 0.00	40.66 1.90 0.00	33.96 1.65 0.00	30.35 1.47 0.00
HILLSIDE_115KV_TB1 80332	30.27 -0.30 -0.11	28.75 -0.50 -0.03	26.93 -0.38 0.00	26.34 -0.46 0.00	27.42 -0.39 0.00	32.19 -0.23 -0.26	52.57 -0.42 -1.10	66.13 0.39 -1.11	52.47 -1.35 0.00	39.10 -0.60 0.00	33.14 -0.68 0.00	30.76 -0.50 0.00	28.69 -0.53 0.00	28.30 -0.46 0.00	28.58 -0.67 0.00	31.72 -0.91 0.00	38.42 -0.99 0.00	49.17 -1.41 -0.26	59.24 -0.89 -0.53	53.89 -1.65 -0.45	42.25 -1.43 -0.24	37.48 -1.28 0.00	31.47 -0.84 0.00	28.29 -0.61 -0.02
HISHELDN_WT_PWR 323625	29.67 -0.79 0.00	28.25 -0.96 0.00	26.58 -0.74 0.00	25.92 -0.88 0.00	27.06 -0.75 0.00	31.48 -0.68 0.00	50.33 -1.56 0.00	64.19 -0.45 0.00	51.61 -2.21 0.00	38.94 -0.76 0.00	33.14 -0.68 0.00	30.73 -0.53 0.00	28.64 -0.58 0.00	28.39 -0.37 0.00	28.49 -0.76 0.00	31.52 -1.11 0.00	37.83 -1.58 0.00	47.55 -2.77 0.00	57.28 -2.33 0.00	51.76 -3.30 0.03	40.70 -2.74 0.00	36.24 -2.52 0.00	30.44 -1.88 0.00	27.41 -1.47 0.00
HOLTSVILLE_IC_1 23690	32.41 1.95 0.00	30.79 1.58 0.00	28.68 1.37 0.00	28.17 1.37 0.00	29.28 1.47 0.00	33.79 1.64 0.00	47.66 0.41 4.64	57.43 1.23 8.43	47.08 0.38 7.12	37.24 0.24 2.70	35.44 1.62 0.00	33.23 1.97 0.00	30.83 1.61 0.00	30.55 1.78 0.00	31.27 2.02 0.00	34.96 2.32 -0.01	41.06 1.65 0.00	52.33 2.01 0.00	63.18 3.58 0.00	57.91 2.81 0.00	45.83 2.39 0.00	41.32 2.56 0.00	34.58 2.26 0.00	31.46 2.57 -0.01
HOLTSVILLE_IC_10 23699	32.53 2.07 0.00	30.91 1.69 0.00	28.79 1.47 0.00	28.27 1.47 0.00	29.39 1.58 0.00	33.92 1.77 0.00	47.90 0.62 4.61	57.76 1.49 8.37	47.35 0.59 7.07	37.42 0.40 2.68	35.57 1.76 0.00	33.39 2.13 0.00	30.97 1.75 0.00	30.69 1.93 0.00	31.42 2.16 0.00	35.15 2.51 -0.01	41.26 1.85 0.00	52.58 2.27 0.00	63.54 3.93 0.00	58.24 3.14 0.00	46.13 2.69 0.00	41.59 2.83 0.00	34.71 2.39 0.00	31.57 2.69 -0.01
HOLTSVILLE_IC_2 23691	32.41 1.95 0.00	30.79 1.58 0.00	28.68 1.37 0.00	28.17 1.37 0.00	29.28 1.47 0.00	33.79 1.64 0.00	47.66 0.41 4.64	57.43 1.23 8.43	47.08 0.38 7.12	37.24 0.24 2.70	35.44 1.62 0.00	33.23 1.97 0.00	30.83 1.61 0.00	30.55 1.78 0.00	31.27 2.02 0.00	34.96 2.32 -0.01	41.06 1.65 0.00	52.33 2.01 0.00	63.18 3.58 0.00	57.91 2.81 0.00	45.83 2.39 0.00	41.32 2.56 0.00	34.58 2.26 0.00	31.46 2.57 -0.01
HOLTSVILLE_IC_3 23692	32.41 1.95 0.00	30.79 1.58 0.00	28.68 1.37 0.00	28.17 1.37 0.00	29.28 1.47 0.00	33.79 1.64 0.00	47.66 0.41 4.64	57.43 1.23 8.43	47.08 0.38 7.12	37.24 0.24 2.70	35.44 1.62 0.00	33.23 1.97 0.00	30.83 1.61 0.00	30.55 1.78 0.00	31.27 2.02 0.00	34.96 2.32 -0.01	41.06 1.65 0.00	52.33 2.01 0.00	63.18 3.58 0.00	57.91 2.81 0.00	45.83 2.39 0.00	41.32 2.56 0.00	34.58 2.26 0.00	31.46 2.57 -0.01
HOLTSVILLE_IC_4 23693	32.41 1.95 0.00	30.79 1.58 0.00	28.68 1.37 0.00	28.17 1.37 0.00	29.28 1.47 0.00	33.79 1.64 0.00	47.66 0.41 4.64	57.43 1.23 8.43	47.08 0.38 7.12	37.24 0.24 2.70	35.44 1.62 0.00	33.23 1.97 0.00	30.83 1.61 0.00	30.55 1.78 0.00	31.27 2.02 0.00	34.96 2.32 -0.01	41.06 1.65 0.00	52.33 2.01 0.00	63.18 3.58 0.00	57.91 2.81 0.00	45.83 2.39 0.00	41.32 2.56 0.00	34.58 2.26 0.00	31.46 2.57 -0.01
HOLTSVILLE_IC_5 23694	32.41 1.95 0.00	30.79 1.58 0.00	28.68 1.37 0.00	28.17 1.37 0.00	29.28 1.47 0.00	33.79 1.64 0.00	47.66 0.41 4.64	57.43 1.23 8.43	47.08 0.38 7.12	37.24 0.24 2.70	35.44 1.62 0.00	33.23 1.97 0.00	30.83 1.61 0.00	30.55 1.78 0.00	31.27 2.02 0.00	34.96 2.32 -0.01	41.06 1.65 0.00	52.33 2.01 0.00	63.18 3.58 0.00	57.91 2.81 0.00	45.83 2.39 0.00	41.32 2.56 0.00	34.58 2.26 0.00	31.46 2.57 -0.01
HOLTSVILLE_IC_6 23695	32.53 2.07 0.00	30.91 1.69 0.00	28.79 1.47 0.00	28.27 1.47 0.00	29.39 1.58 0.00	33.92 1.77 0.00	47.90 0.62 4.61	57.76 1.49 8.37	47.35 0.59 7.07	37.42 0.40 2.68	35.57 1.76 0.00	33.39 2.13 0.00	30.97 1.75 0.00	30.69 1.93 0.00	31.42 2.16 0.00	35.15 2.51 -0.01	41.26 1.85 0.00	52.58 2.27 0.00	63.54 3.93 0.00	58.24 3.14 0.00	46.13 2.69 0.00	41.59 2.83 0.00	34.71 2.39 0.00	31.57 2.69 -0.01
HOLTSVILLE_IC_7 23696	32.53 2.07 0.00	30.91 1.69 0.00	28.79 1.47 0.00	28.27 1.47 0.00	29.39 1.58 0.00	33.92 1.77 0.00	47.90 0.62 4.61	57.76 1.49 8.37	47.35 0.59 7.07	37.42 0.40 2.68	35.57 1.76 0.00	33.39 2.13 0.00	30.97 1.75 0.00	30.69 1.93 0.00	31.42 2.16 0.00	35.15 2.51 -0.01	41.26 1.85 0.00	52.58 2.27 0.00	63.54 3.93 0.00	58.24 3.14 0.00	46.13 2.69 0.00	41.59 2.83 0.00	34.71 2.39 0.00	31.57 2.69 -0.01
HOLTSVILLE_IC_8 23697	32.53 2.07 0.00	30.91 1.69 0.00	28.79 1.47 0.00	28.27 1.47 0.00	29.39 1.58 0.00	33.92 1.77 0.00	47.90 0.62 4.61	57.76 1.49 8.37	47.35 0.59 7.07	37.42 0.40 2.68	35.57 1.76 0.00	33.39 2.13 0.00	30.97 1.75 0.00	30.69 1.93 0.00	31.42 2.16 0.00	35.15 2.51 -0.01	41.26 1.85 0.00	52.58 2.27 0.00	63.54 3.93 0.00	58.24 3.14 0.00	46.13 2.69 0.00	41.59 2.83 0.00	34.71 2.39 0.00	31.57 2.69 -0.01
HOLTSVILLE_IC_9 23698	32.53 2.07 0.00	30.91 1.69 0.00	28.79 1.47 0.00	28.27 1.47 0.00	29.39 1.58 0.00	33.92 1.77 0.00	47.90 0.62 4.61	57.76 1.49 8.37	47.35 0.59 7.07	37.42 0.40 2.68	35.57 1.76 0.00	33.39 2.13 0.00	30.97 1.75 0.00	30.69 1.93 0.00	31.42 2.16 0.00	35.15 2.51 -0.01	41.26 1.85 0.00	52.58 2.27 0.00	63.54 3.93 0.00	58.24 3.14 0.00	46.13 2.69 0.00	41.59 2.83 0.00	34.71 2.39 0.00	31.57 2.69 -0.01
HOMER_HL_115KV_TB2 355744	30.15 -0.30 0.00	28.60 -0.61 0.00	26.87 -0.44 0.00	26.26 -0.54 0.00	27.39 -0.42 0.00	31.96 -0.19 0.00	51.42 -0.47 0.00	65.22 0.58 0.00	52.90 -0.91 0.00	39.82 0.12 0.00	33.85 0.03 0.00	31.45 0.19 0.00	29.31 0.09 0.00	29.02 0.26 0.00	29.08 -0.18 0.00	32.08 -0.55 0.00	38.46 -0.95 0.00	48.50 -1.81 0.00	58.65 -0.95 0.00	52.48 -2.59 0.03	41.40 -2.04 0.00	36.98 -1.78 0.00	31.28 -1.03 0.00	28.30 -0.58 0.00
HOWARD_WT_PWR 323690	30.48 -0.06 -0.08	28.92 -0.32 -0.02	27.18 -0.14 0.00	26.53 -0.27 0.00	27.72 -0.08 0.00	32.50 0.16 -0.18	52.93 0.31 -0.73	67.12 1.75 -0.74	53.50 -0.32 0.00	40.18 0.48 0.00	33.99 0.17 0.00	31.51 0.25 0.00	29.31 0.09 0.00	28.97 0.20 0.00	29.17 -0.09 0.00	32.30 -0.33 0.00	38.97 -0.43 0.00	49.48 -1.01 -0.17	59.54 -0.41 -0.35	53.84 -1.54 -0.28	42.12 -1.48 -0.16	37.33 -1.43 0.00	31.18 -1.13 0.00	27.96 -0.93 -0.01

HQ_GEN_CEDARS 23644	30.98 0.52 0.00	29.80 0.58 0.00	27.86 0.55 0.00	27.42 0.62 0.00	28.39 0.58 0.00	32.89 0.74 0.00	58.82 5.50 -1.43	72.55 6.46 -1.44	59.09 5.27 0.00	42.48 2.78 0.00	35.61 1.79 0.00	32.86 1.59 0.00	30.59 1.37 0.00	29.94 1.18 0.00	30.31 1.05 0.00	33.84 1.21 0.00	41.57 2.17 0.00	54.28 3.62 -0.34	64.35 4.05 -0.69	59.89 4.19 -0.61	46.88 3.13 -0.32	40.74 1.98 0.00	33.67 1.36 0.00	30.06 1.16 -0.02
HQ_GEN_CEDARS_PROXY 323590	30.98 0.52 0.00	29.80 0.58 0.00	27.86 0.55 0.00	27.42 0.62 0.00	28.39 0.58 0.00	32.89 0.74 0.00	58.81 5.50 -1.43	72.55 6.46 -1.44	59.10 5.28 0.00	42.32 2.62 0.00	35.61 1.79 0.00	32.85 1.59 0.00	30.59 1.37 0.00	29.94 1.18 0.00	30.31 1.05 0.00	33.84 1.21 0.00	41.61 2.21 0.00	54.28 3.62 -0.34	64.35 4.06 -0.69	59.95 4.24 -0.61	46.89 3.13 -0.32	40.77 2.01 0.00	33.67 1.36 0.00	30.06 1.16 -0.02
HQ_GEN_IMPORT 323601	30.58 0.12 0.00	29.36 0.15 0.00	27.45 0.14 0.00	26.99 0.19 0.00	27.95 0.14 0.00	32.35 0.19 0.00	55.21 0.31 -3.01	59.93 -0.52 4.19	55.21 0.22 -1.18	39.86 0.16 0.00	33.92 0.10 0.00	31.36 0.09 0.00	29.28 0.06 0.00	28.79 0.03 0.00	29.28 0.03 0.00	32.66 0.03 0.00	39.48 0.08 0.00	54.36 0.20 -3.85	55.22 -0.54 3.85	55.21 0.11 0.00	43.57 0.13 0.00	38.84 0.08 0.00	32.38 0.06 0.00	28.94 0.06 0.00
HQ_GEN_WHEEL 23651	30.58 0.12 0.00	29.36 0.15 0.00	27.45 0.14 0.00	26.99 0.19 0.00	27.95 0.14 0.00	32.35 0.19 0.00	55.21 0.31 -3.01	59.93 -0.52 4.19	55.21 0.22 -1.18	39.86 0.16 0.00	33.92 0.10 0.00	31.36 0.09 0.00	29.28 0.06 0.00	28.79 0.03 0.00	29.28 0.03 0.00	32.66 0.03 0.00	39.48 0.08 0.00	54.36 0.20 -3.85	55.22 -0.54 3.85	55.21 0.11 0.00	43.57 0.13 0.00	38.84 0.08 0.00	32.38 0.06 0.00	28.94 0.06 0.00
HUDSON AVE_GT_3 23810	31.89 1.43 0.00	30.53 1.31 0.00	28.46 1.15 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.18 1.03 0.00	53.49 1.61 0.00	67.61 2.97 0.00	55.54 1.72 0.00	41.01 1.31 0.00	35.30 1.49 0.00	32.64 1.38 0.00	30.59 1.37 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.33 1.70 0.00	41.49 2.09 0.00	52.63 2.31 0.00	63.36 3.76 0.00	57.85 2.75 0.00	45.74 2.30 0.00	40.93 2.17 0.00	34.16 1.84 0.00	30.52 1.65 0.00
HUDSON AVE_GT_4 23540	31.89 1.43 0.00	30.53 1.31 0.00	28.46 1.15 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.18 1.03 0.00	53.49 1.61 0.00	67.61 2.97 0.00	55.54 1.72 0.00	41.01 1.31 0.00	35.30 1.49 0.00	32.64 1.38 0.00	30.59 1.37 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.33 1.70 0.00	41.49 2.09 0.00	52.63 2.31 0.00	63.36 3.76 0.00	57.85 2.75 0.00	45.74 2.30 0.00	40.93 2.17 0.00	34.16 1.84 0.00	30.52 1.65 0.00
HUDSON AVE_GT_5 23657	31.89 1.43 0.00	30.53 1.31 0.00	28.46 1.15 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.18 1.03 0.00	53.49 1.61 0.00	67.61 2.97 0.00	55.54 1.72 0.00	41.01 1.31 0.00	35.30 1.49 0.00	32.64 1.38 0.00	30.59 1.37 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.33 1.70 0.00	41.49 2.09 0.00	52.63 2.31 0.00	63.36 3.76 0.00	57.85 2.75 0.00	45.74 2.30 0.00	40.93 2.17 0.00	34.16 1.84 0.00	30.52 1.65 0.00
HUDSON_AVE_10 24168	31.74 1.28 0.00	30.39 1.17 0.00	28.32 1.01 0.00	27.79 0.99 0.00	28.80 1.00 0.01	33.04 0.90 0.02	53.23 1.35 0.00	67.29 2.65 0.00	55.33 1.51 0.00	40.81 1.11 0.00	35.14 1.32 0.00	32.48 1.22 0.00	30.45 1.23 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.16 1.53 0.00	41.29 1.89 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.74 1.98 0.00	33.99 1.68 0.00	30.38 1.50 0.00
HUDSON___115KV_TB 4 355613	31.53 1.07 0.00	30.36 1.14 0.00	28.32 1.01 0.00	27.82 1.02 0.00	28.86 1.06 0.00	33.38 1.22 0.00	53.86 1.97 0.00	67.61 2.97 0.00	55.54 1.72 0.00	40.57 0.87 0.00	34.39 0.57 0.00	31.60 0.34 0.00	29.63 0.41 0.00	29.11 0.35 0.00	29.72 0.47 0.00	33.32 0.69 0.00	40.86 1.46 0.00	52.48 2.16 0.00	62.82 3.22 0.00	57.63 2.53 0.00	45.35 1.91 0.00	40.47 1.71 0.00	33.67 1.36 0.00	30.03 1.16 0.00
HUNTER MOUNT___DRP 323613	31.62 1.16 0.00	30.47 1.26 0.00	28.43 1.12 0.00	27.95 1.15 0.00	29.03 1.22 0.00	33.57 1.41 0.00	54.22 2.33 0.00	67.87 3.23 0.00	55.81 1.99 0.00	40.65 0.95 0.00	34.32 0.51 0.00	31.51 0.25 0.00	29.54 0.32 0.00	28.97 0.20 0.00	29.63 0.38 0.00	33.28 0.65 0.00	40.90 1.50 0.00	52.68 2.36 0.00	63.06 3.46 0.00	57.85 2.75 0.00	45.52 2.09 0.00	40.54 1.78 0.00	33.70 1.39 0.00	30.09 1.21 0.00
HUNTINGTON_RES_REC 323705	32.38 1.92 0.00	30.79 1.58 0.00	28.68 1.37 0.00	28.17 1.37 0.00	29.25 1.45 0.00	33.73 1.58 0.00	47.48 0.21 4.61	57.30 1.03 8.37	46.96 0.22 7.07	37.14 0.12 2.68	35.44 1.62 0.00	33.20 1.94 0.00	30.83 1.61 0.00	30.55 1.78 0.00	31.24 1.99 0.00	34.92 2.28 -0.01	40.94 1.54 0.00	52.12 1.81 0.00	62.88 3.28 0.00	57.58 2.48 0.00	45.61 2.17 0.00	41.12 2.36 0.00	34.51 2.20 0.00	31.28 2.40 -0.01
HUNTLEY___63 23557	29.45 -1.01 0.00	28.02 -1.20 0.00	26.38 -0.93 0.00	25.84 -0.96 0.00	26.86 -0.95 0.00	31.29 -0.87 0.00	49.86 -2.02 0.00	63.61 -1.03 0.00	51.18 -2.64 0.00	38.67 -1.03 0.00	33.01 -0.81 0.00	30.76 -0.50 0.00	28.64 -0.58 0.00	28.33 -0.43 0.00	28.35 -0.91 0.00	31.32 -1.31 0.00	37.47 -1.93 0.00	46.89 -3.42 0.00	56.62 -2.98 0.00	51.15 -3.91 0.04	40.27 -3.17 0.00	35.97 -2.79 0.00	30.28 -2.04 0.00	27.26 -1.62 0.00
HUNTLEY___64 23558	29.45 -1.01 0.00	28.02 -1.20 0.00	26.38 -0.93 0.00	25.84 -0.96 0.00	26.86 -0.95 0.00	31.29 -0.87 0.00	49.86 -2.02 0.00	63.61 -1.03 0.00	51.18 -2.64 0.00	38.67 -1.03 0.00	33.01 -0.81 0.00	30.76 -0.50 0.00	28.64 -0.58 0.00	28.33 -0.43 0.00	28.35 -0.91 0.00	31.32 -1.31 0.00	37.47 -1.93 0.00	46.89 -3.42 0.00	56.62 -2.98 0.00	51.15 -3.91 0.04	40.27 -3.17 0.00	35.97 -2.79 0.00	30.28 -2.04 0.00	27.26 -1.62 0.00
HUNTLEY___65 23559	29.45 -1.01 0.00	28.02 -1.20 0.00	26.38 -0.93 0.00	25.84 -0.96 0.00	26.86 -0.95 0.00	31.29 -0.87 0.00	49.86 -2.02 0.00	63.61 -1.03 0.00	51.18 -2.64 0.00	38.67 -1.03 0.00	33.01 -0.81 0.00	30.76 -0.50 0.00	28.64 -0.58 0.00	28.33 -0.43 0.00	28.35 -0.91 0.00	31.32 -1.31 0.00	37.47 -1.93 0.00	46.89 -3.42 0.00	56.62 -2.98 0.00	51.15 -3.91 0.04	40.27 -3.17 0.00	35.97 -2.79 0.00	30.28 -2.04 0.00	27.26 -1.62 0.00
HUNTLEY___66 23560	29.45 -1.01 0.00	28.02 -1.20 0.00	26.38 -0.93 0.00	25.84 -0.96 0.00	26.86 -0.95 0.00	31.29 -0.87 0.00	49.86 -2.02 0.00	63.61 -1.03 0.00	51.18 -2.64 0.00	38.67 -1.03 0.00	33.01 -0.81 0.00	30.76 -0.50 0.00	28.64 -0.58 0.00	28.33 -0.43 0.00	28.35 -0.91 0.00	31.32 -1.31 0.00	37.47 -1.93 0.00	46.89 -3.42 0.00	56.62 -2.98 0.00	51.15 -3.91 0.04	40.27 -3.17 0.00	35.97 -2.79 0.00	30.28 -2.04 0.00	27.26 -1.62 0.00

HUNTLEY___67 23561	29.30 -1.16 0.00	27.90 -1.31 0.00	26.22 -1.09 0.00	25.67 -1.13 0.00	26.72 -1.08 0.00	31.09 -1.06 0.00	49.55 -2.33 0.00	63.09 -1.55 0.00	50.80 -3.01 0.00	38.35 -1.35 0.00	32.70 -1.12 0.00	30.51 -0.75 0.00	28.43 -0.79 0.00	28.10 -0.66 0.00	28.14 -1.11 0.00	31.10 -1.53 0.00	37.24 -2.17 0.00	46.69 -3.62 0.00	56.33 -3.28 0.00	50.87 -4.19 0.04	40.09 -3.34 0.00	35.78 -2.98 0.00	30.15 -2.17 0.00	27.17 -1.70 0.00
HUNTLEY___68 23562	29.30 -1.16 0.00	27.90 -1.31 0.00	26.22 -1.09 0.00	25.67 -1.13 0.00	26.72 -1.08 0.00	31.09 -1.06 0.00	49.55 -2.33 0.00	63.09 -1.55 0.00	50.80 -3.01 0.00	38.35 -1.35 0.00	32.70 -1.12 0.00	30.51 -0.75 0.00	28.43 -0.79 0.00	28.10 -0.66 0.00	28.14 -1.11 0.00	31.10 -1.53 0.00	37.24 -2.17 0.00	46.69 -3.62 0.00	56.33 -3.28 0.00	50.87 -4.19 0.04	40.09 -3.34 0.00	35.78 -2.98 0.00	30.15 -2.17 0.00	27.17 -1.70 0.00
HYLAND___LFGE 323620	30.79 0.34 0.00	29.36 0.15 0.00	27.58 0.27 0.00	26.93 0.13 0.00	28.11 0.31 0.00	32.83 0.68 0.00	53.08 1.19 0.00	68.06 3.42 0.00	54.47 0.65 0.00	40.49 0.79 0.00	33.95 0.14 0.00	31.32 0.06 0.00	28.87 -0.35 0.00	28.65 -0.11 0.00	28.96 -0.29 0.00	32.24 -0.39 0.00	39.29 -0.12 0.00	50.26 -0.05 0.00	60.98 1.37 0.00	55.56 0.49 0.03	43.53 0.09 0.00	38.72 -0.04 0.00	32.22 -0.10 0.00	28.74 -0.14 0.00
INDECK___CORINTH 23802	32.32 1.86 0.00	31.11 1.90 0.00	29.01 1.69 0.00	28.46 1.66 0.00	29.59 1.78 0.00	33.25 1.09 0.00	53.75 1.87 0.00	67.74 3.10 0.00	55.65 1.83 0.00	40.65 0.95 0.00	34.46 0.64 0.00	31.76 0.50 0.00	29.77 0.55 0.00	29.08 0.32 0.00	29.63 0.38 0.00	33.18 0.55 0.00	40.58 1.18 0.00	52.03 1.71 0.00	62.22 2.62 0.00	57.03 1.93 0.00	44.70 1.26 0.00	39.88 1.12 0.00	33.48 1.16 0.00	30.73 1.85 0.00
INDECK___ILION 23567	30.34 -0.12 0.00	29.13 -0.09 0.00	27.23 -0.08 0.00	26.75 -0.05 0.00	27.75 -0.06 0.00	32.09 -0.06 0.00	51.88 0.00 0.00	64.90 0.26 0.00	53.66 -0.16 0.00	39.46 -0.24 0.00	33.58 -0.24 0.00	31.04 -0.22 0.00	29.02 -0.20 0.00	28.56 -0.20 0.00	29.05 -0.20 0.00	32.43 -0.20 0.00	39.28 -0.12 0.00	50.21 -0.10 0.00	59.60 0.00 0.00	54.82 -0.28 0.00	43.22 -0.22 0.00	38.49 -0.27 0.00	32.02 -0.29 0.00	28.62 -0.26 0.00
INDECK___OLEAN 23982	30.15 -0.30 0.00	28.60 -0.61 0.00	26.87 -0.44 0.00	26.18 -0.62 0.00	27.39 -0.42 0.00	31.93 -0.22 0.00	51.36 -0.52 0.00	65.22 0.58 0.00	52.85 -0.97 0.00	39.82 0.12 0.00	33.85 0.03 0.00	31.36 0.09 0.00	29.19 -0.03 0.00	28.99 0.23 0.00	29.08 -0.17 0.00	32.07 -0.55 0.00	38.46 -0.95 0.00	48.55 -1.76 0.00	58.65 -0.96 0.00	52.75 -2.31 0.03	41.44 -2.00 0.00	36.98 -1.78 0.00	31.28 -1.04 0.00	28.30 -0.58 0.00
INDECK___OSWEGO 23783	30.37 -0.94 -0.85	28.54 -0.94 -0.26	26.46 -0.85 0.00	25.94 -0.86 0.00	26.94 -0.86 0.00	33.16 -0.93 -1.94	59.05 -1.40 -8.57	72.04 -1.23 -8.63	51.29 -2.53 0.00	37.99 -1.71 0.00	32.26 -1.56 0.00	29.85 -1.41 0.00	27.85 -1.37 0.00	27.41 -1.35 0.00	27.82 -1.43 0.00	31.00 -1.63 0.00	38.22 -1.18 0.00	50.84 -1.51 -2.03	62.29 -1.43 -4.12	57.18 -1.60 -3.68	44.07 -1.26 -1.89	37.56 -1.20 0.00	31.28 -1.04 0.00	28.06 -0.95 -0.13
INDECK___YERKES 23781	29.45 -1.00 0.00	28.05 -1.17 0.00	26.41 -0.90 0.00	25.75 -1.05 0.00	26.89 -0.92 0.00	31.29 -0.87 0.00	49.81 -2.08 0.00	63.67 -0.97 0.00	51.18 -2.64 0.00	38.74 -0.95 0.00	33.04 -0.78 0.00	30.64 -0.62 0.00	28.58 -0.64 0.00	28.36 -0.40 0.00	28.38 -0.88 0.00	31.36 -1.27 0.00	37.51 -1.89 0.00	46.94 -3.37 0.00	56.74 -2.86 0.00	51.26 -3.80 0.04	40.36 -3.08 0.00	36.01 -2.75 0.00	30.31 -2.00 0.00	27.29 -1.59 0.00
INDIAN POINT_GT_1 24139	31.74 1.28 0.00	30.39 1.17 0.00	28.35 1.04 0.00	27.79 0.99 0.00	28.84 1.03 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.81 1.11 0.00	35.07 1.25 0.00	32.39 1.13 0.00	30.36 1.14 0.00	29.97 1.21 0.00	30.57 1.32 0.00	34.07 1.44 0.00	41.26 1.85 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.69 2.59 0.00	45.52 2.09 0.00	40.70 1.94 0.00	33.96 1.65 0.00	30.35 1.47 0.00
INDIAN POINT_GT_2 23659	31.74 1.28 0.00	30.39 1.17 0.00	28.35 1.04 0.00	27.79 0.99 0.00	28.84 1.03 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.81 1.11 0.00	35.07 1.25 0.00	32.39 1.13 0.00	30.36 1.14 0.00	29.97 1.21 0.00	30.57 1.32 0.00	34.07 1.44 0.00	41.26 1.85 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.69 2.59 0.00	45.52 2.09 0.00	40.70 1.94 0.00	33.96 1.65 0.00	30.35 1.47 0.00
INDIAN POINT_GT_3 24019	31.74 1.28 0.00	30.39 1.17 0.00	28.35 1.04 0.00	27.79 0.99 0.00	28.84 1.03 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.81 1.11 0.00	35.07 1.25 0.00	32.39 1.13 0.00	30.36 1.14 0.00	29.97 1.21 0.00	30.57 1.32 0.00	34.07 1.44 0.00	41.26 1.85 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.69 2.59 0.00	45.52 2.09 0.00	40.70 1.94 0.00	33.96 1.65 0.00	30.35 1.47 0.00
INDIAN POINT___2 23530	31.71 1.25 0.00	30.35 1.14 0.00	28.32 1.01 0.00	27.79 0.99 0.00	28.81 1.00 0.00	33.15 1.00 0.00	53.39 1.51 0.00	67.36 2.71 0.00	55.38 1.56 0.00	40.81 1.11 0.00	35.00 1.18 0.00	32.38 1.12 0.00	30.33 1.11 0.00	29.94 1.18 0.00	30.54 1.29 0.00	34.00 1.37 0.00	41.18 1.77 0.00	52.38 2.06 0.00	62.94 3.34 0.00	57.52 2.42 0.00	45.44 2.00 0.00	40.62 1.86 0.00	33.93 1.62 0.00	30.32 1.44 0.00
INDIAN POINT___3 23531	31.71 1.25 0.00	30.39 1.17 0.00	28.32 1.01 0.00	27.79 0.99 0.00	28.81 1.00 0.00	33.15 1.00 0.00	53.39 1.50 0.00	67.36 2.71 0.00	55.38 1.56 0.00	40.77 1.07 0.00	35.03 1.22 0.00	32.36 1.09 0.00	30.30 1.08 0.00	29.94 1.18 0.00	30.54 1.29 0.00	34.03 1.40 0.00	41.18 1.77 0.00	52.38 2.06 0.00	63.00 3.40 0.00	57.58 2.48 0.00	45.44 2.00 0.00	40.66 1.90 0.00	33.93 1.62 0.00	30.32 1.44 0.00
INGHAM_C_115KV_TB7 356103	29.91 -0.55 0.00	28.75 -0.47 0.00	26.90 -0.41 0.00	26.43 -0.38 0.00	27.45 -0.36 0.00	31.74 -0.42 0.00	51.31 -0.57 0.00	64.12 -0.52 0.00	53.01 -0.81 0.00	38.94 -0.75 0.00	33.17 -0.64 0.00	30.64 -0.63 0.00	28.66 -0.56 0.00	28.22 -0.55 0.00	28.67 -0.59 0.00	32.01 -0.62 0.00	38.77 -0.63 0.00	49.51 -0.81 0.00	58.65 -0.95 0.00	53.83 -1.27 0.00	42.40 -1.04 0.00	37.71 -1.05 0.00	31.34 -0.97 0.00	27.95 -0.92 0.00
IP CORINTH___1 23988	32.32 1.86 0.00	31.12 1.90 0.00	29.01 1.69 0.00	28.44 1.63 0.00	29.59 1.78 0.00	33.41 1.25 0.00	54.01 2.13 0.00	68.07 3.43 0.00	55.97 2.15 0.00	40.85 1.15 0.00	34.59 0.78 0.00	31.92 0.66 0.00	29.92 0.70 0.00	29.25 0.49 0.00	29.78 0.53 0.00	33.35 0.72 0.00	40.82 1.42 0.00	52.28 1.96 0.00	62.46 2.86 0.00	57.36 2.26 0.00	44.92 1.48 0.00	40.08 1.32 0.00	33.64 1.32 0.00	30.73 1.85 0.00

IP___TICONDEROGA 23804	33.32 2.86 0.00	32.14 2.92 0.00	29.91 2.59 0.00	29.32 2.52 0.00	30.56 2.75 0.00	34.76 2.60 0.00	56.45 4.57 0.00	71.36 6.72 0.00	58.50 4.68 0.00	42.52 2.82 0.00	35.81 2.00 0.00	32.95 1.69 0.00	30.91 1.69 0.00	30.12 1.35 0.00	30.69 1.43 0.00	34.39 1.76 0.00	42.36 2.96 0.00	54.64 4.33 0.00	65.39 5.78 0.00	60.06 4.96 0.00	46.87 3.43 0.00	41.74 2.98 0.00	34.96 2.65 0.00	31.71 2.83 0.00
ISLIP_RES_REC 323679	32.62 2.16 0.00	31.00 1.78 0.00	28.87 1.56 0.00	28.35 1.55 0.00	29.47 1.67 0.00	34.05 1.90 0.00	48.13 0.83 4.58	58.06 1.75 8.32	47.65 0.86 7.03	37.59 0.56 2.66	35.71 1.89 0.00	33.51 2.25 0.00	31.09 1.87 0.00	30.81 2.04 0.00	31.57 2.31 0.00	35.28 2.64 -0.01	41.45 2.05 0.00	52.88 2.56 0.00	63.84 4.23 0.00	58.52 3.42 0.00	46.31 2.87 0.00	41.74 2.98 0.00	34.80 2.49 0.00	31.66 2.77 -0.01
JAMAICA__27_KV_LOAD 355505	31.65 1.19 0.00	30.33 1.11 0.00	28.27 0.96 0.00	27.74 0.94 0.00	28.74 0.95 0.01	32.94 0.80 0.02	53.18 1.30 0.00	67.29 2.65 0.00	55.27 1.45 0.00	40.77 1.07 0.00	35.07 1.25 0.00	32.42 1.16 0.00	30.39 1.17 0.00	30.06 1.29 0.00	30.66 1.40 0.00	34.10 1.47 0.00	41.26 1.85 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.69 2.59 0.00	45.57 2.13 0.00	40.74 1.98 0.00	33.99 1.68 0.00	30.29 1.42 0.00
JANIS___SOLAR 323808	31.64 1.04 -0.15	30.26 0.99 -0.05	28.29 0.98 0.00	27.71 0.91 0.00	28.89 1.08 0.00	33.94 1.45 -0.34	56.52 3.17 -1.47	71.10 4.98 -1.48	56.30 2.48 0.00	41.12 1.43 0.00	34.49 0.68 0.00	31.89 0.62 0.00	29.69 0.47 0.00	29.20 0.43 0.00	29.61 0.35 0.00	33.12 0.49 0.00	40.70 1.30 0.00	52.78 2.11 -0.35	63.65 3.34 -0.71	58.13 2.42 -0.61	45.50 1.74 -0.33	40.00 1.24 0.00	33.28 0.97 0.00	29.68 0.78 -0.02
JARVIS____ 23743	30.52 0.06 0.00	29.27 0.06 0.00	27.37 0.05 0.00	26.85 0.05 0.00	27.86 0.06 0.00	32.19 0.03 0.00	51.99 0.10 0.00	65.03 0.39 0.00	53.77 -0.05 0.00	39.62 -0.08 0.00	33.75 -0.07 0.00	31.20 -0.06 0.00	29.16 -0.06 0.00	28.71 -0.06 0.00	29.23 -0.03 0.00	32.60 -0.03 0.00	39.48 0.08 0.00	50.41 0.10 0.00	59.90 0.30 0.00	55.21 0.11 0.00	43.53 0.09 0.00	38.84 0.08 0.00	32.38 0.06 0.00	28.94 0.06 0.00
JENNISON___1 23625	31.88 1.31 -0.11	30.48 1.23 -0.03	28.51 1.20 0.00	27.95 1.15 0.00	29.11 1.31 0.00	34.05 1.64 -0.26	56.53 3.53 -1.12	71.20 5.43 -1.13	56.94 3.12 0.00	41.56 1.87 0.00	35.00 1.18 0.00	32.39 1.13 0.00	30.21 0.99 0.00	29.71 0.95 0.00	30.07 0.82 0.00	33.58 0.95 0.00	41.06 1.65 0.00	53.04 2.47 -0.27	63.84 3.70 -0.54	58.26 2.70 -0.47	45.68 2.00 -0.25	40.27 1.51 0.00	33.54 1.23 0.00	29.94 1.04 -0.02
JENNISON___2 23626	31.88 1.31 -0.11	30.48 1.23 -0.03	28.51 1.20 0.00	27.95 1.15 0.00	29.11 1.31 0.00	34.05 1.64 -0.26	56.53 3.53 -1.12	71.20 5.43 -1.13	56.94 3.12 0.00	41.56 1.87 0.00	35.00 1.18 0.00	32.39 1.13 0.00	30.21 0.99 0.00	29.71 0.95 0.00	30.07 0.82 0.00	33.58 0.95 0.00	41.06 1.65 0.00	53.04 2.47 -0.27	63.84 3.70 -0.54	58.26 2.70 -0.47	45.68 2.00 -0.25	40.27 1.51 0.00	33.54 1.23 0.00	29.94 1.04 -0.02
JERICHO_RISE_WT_PWR 323719	30.89 0.43 0.00	29.71 0.50 0.00	27.80 0.49 0.00	27.36 0.56 0.00	28.33 0.53 0.00	32.86 0.71 0.00	53.49 1.61 0.00	65.03 0.39 0.00	55.32 1.50 0.00	40.57 0.87 0.00	34.56 0.74 0.00	31.92 0.66 0.00	29.77 0.55 0.00	29.25 0.49 0.00	29.72 0.47 0.00	33.15 0.52 0.00	40.27 0.87 0.00	51.42 1.11 0.00	59.43 -0.18 0.00	55.98 0.88 0.00	44.00 0.56 0.00	39.19 0.43 0.00	32.70 0.39 0.00	29.23 0.35 0.00
KATONAH___115KV_46KV_TB4 355592	31.98 1.52 0.00	30.65 1.43 0.00	28.60 1.28 0.00	28.03 1.23 0.00	29.11 1.31 0.00	33.54 1.38 0.00	54.11 2.23 0.00	68.26 3.62 0.00	56.19 2.37 0.00	41.37 1.67 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.26 1.50 0.00	30.83 1.58 0.00	34.39 1.76 0.00	41.69 2.29 0.00	52.93 2.62 0.00	63.84 4.23 0.00	58.30 3.20 0.00	46.05 2.61 0.00	41.12 2.36 0.00	34.25 1.94 0.00	30.58 1.70 0.00
KCE_NY_1 323755	32.01 1.55 0.00	30.79 1.58 0.00	28.73 1.42 0.00	28.19 1.39 0.00	29.28 1.47 0.00	33.60 1.45 0.00	54.22 2.34 0.00	68.26 3.62 0.00	56.08 2.26 0.00	41.05 1.35 0.00	34.90 1.08 0.00	32.17 0.91 0.00	30.15 0.93 0.00	29.57 0.80 0.00	30.13 0.88 0.00	33.74 1.11 0.00	41.22 1.81 0.00	52.83 2.51 0.00	63.12 3.52 0.00	57.91 2.81 0.00	45.52 2.08 0.00	40.62 1.86 0.00	33.93 1.62 0.00	30.49 1.62 0.00
KCE_NY_6_ESR 323823	29.76 -0.70 0.00	28.31 -0.91 0.00	26.63 -0.68 0.00	25.97 -0.83 0.00	27.14 -0.67 0.00	31.58 -0.58 0.00	50.38 -1.51 0.00	64.32 -0.32 0.00	51.72 -2.10 0.00	39.06 -0.64 0.00	33.31 -0.51 0.00	30.85 -0.41 0.00	28.78 -0.44 0.00	28.56 -0.20 0.00	28.61 -0.64 0.00	31.62 -1.01 0.00	37.87 -1.54 0.00	47.50 -2.82 0.00	57.34 -2.26 0.00	51.76 -3.30 0.04	40.70 -2.74 0.00	36.32 -2.44 0.00	30.57 -1.75 0.00	27.55 -1.33 0.00
KEDC_PORT_JEFF_GT2 24210	32.53 2.07 0.00	30.91 1.69 0.00	28.79 1.47 0.00	28.27 1.47 0.00	29.39 1.58 0.00	33.92 1.77 0.00	47.89 0.62 4.62	57.47 1.23 8.39	47.33 0.59 7.09	37.41 0.40 2.68	35.57 1.76 0.00	33.39 2.13 0.00	30.94 1.72 0.00	30.69 1.93 0.00	31.42 2.16 0.00	35.12 2.48 -0.01	41.26 1.85 0.00	52.43 2.11 0.00	63.30 3.70 0.00	58.02 2.92 0.00	46.09 2.65 0.00	41.55 2.79 0.00	34.71 2.39 0.00	31.54 2.66 -0.01
KEDC_PORT_JEFF_GT3 24211	32.53 2.07 0.00	30.91 1.69 0.00	28.79 1.47 0.00	28.27 1.47 0.00	29.39 1.58 0.00	33.92 1.77 0.00	47.89 0.62 4.62	57.47 1.23 8.39	47.33 0.59 7.09	37.41 0.40 2.68	35.57 1.76 0.00	33.39 2.13 0.00	30.94 1.72 0.00	30.69 1.93 0.00	31.42 2.16 0.00	35.12 2.48 -0.01	41.26 1.85 0.00	52.43 2.11 0.00	63.30 3.70 0.00	58.02 2.92 0.00	46.09 2.65 0.00	41.55 2.79 0.00	34.71 2.39 0.00	31.54 2.66 -0.01
KEDC_GLWD_GT4 24219	32.19 1.74 0.00	30.73 1.52 0.00	28.65 1.34 0.00	28.11 1.31 0.00	29.17 1.36 0.00	33.57 1.41 0.00	51.67 1.35 1.56	64.33 2.52 2.83	52.82 1.40 2.39	39.82 1.03 0.90	35.44 1.62 0.00	32.98 1.72 0.00	30.77 1.55 0.00	30.43 1.67 0.00	31.07 1.81 0.00	34.64 1.99 -0.02	41.37 1.97 0.00	52.63 2.32 0.00	63.36 3.76 0.00	57.91 2.81 0.00	45.74 2.30 0.00	41.12 2.36 0.00	34.35 2.04 0.00	30.88 1.99 -0.01
KEDC_GLWD_GT5 24220	32.19 1.74 0.00	30.73 1.52 0.00	28.65 1.34 0.00	28.11 1.31 0.00	29.17 1.36 0.00	33.57 1.41 0.00	51.67 1.35 1.56	64.33 2.52 2.83	52.82 1.40 2.39	39.82 1.03 0.90	35.44 1.62 0.00	32.98 1.72 0.00	30.77 1.55 0.00	30.43 1.67 0.00	31.07 1.81 0.00	34.64 1.99 -0.02	41.37 1.97 0.00	52.63 2.32 0.00	63.36 3.76 0.00	57.91 2.81 0.00	45.74 2.30 0.00	41.12 2.36 0.00	34.35 2.04 0.00	30.88 1.99 -0.01

KENSICO____ 23655	31.77 1.31 0.00	30.44 1.23 0.00	28.38 1.07 0.00	27.85 1.05 0.00	28.86 1.06 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.49 2.84 0.00	55.49 1.67 0.00	40.85 1.15 0.00	35.14 1.32 0.00	32.45 1.19 0.00	30.42 1.20 0.00	30.03 1.27 0.00	30.63 1.37 0.00	34.13 1.50 0.00	41.29 1.89 0.00	52.53 2.21 0.00	63.18 3.58 0.00	57.74 2.64 0.00	45.57 2.13 0.00	40.74 1.98 0.00	33.99 1.68 0.00	30.41 1.53 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.80 1.34 0.00	30.47 1.26 0.00	28.43 1.12 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.41 1.25 0.00	53.91 2.02 0.00	67.74 3.10 0.00	55.76 1.94 0.00	41.01 1.31 0.00	35.07 1.25 0.00	32.29 1.03 0.00	30.27 1.05 0.00	29.83 1.06 0.00	30.51 1.26 0.00	34.03 1.40 0.00	41.26 1.85 0.00	52.63 2.31 0.00	63.36 3.76 0.00	57.91 2.81 0.00	45.74 2.30 0.00	40.78 2.02 0.00	33.96 1.65 0.00	30.35 1.47 0.00
KIAC_JFK_GT1 23816	31.49 1.04 0.00	30.18 0.96 0.00	28.13 0.82 0.00	27.60 0.80 0.00	28.60 0.81 0.01	32.78 0.64 0.02	52.87 0.99 0.00	66.90 2.26 0.00	54.95 1.13 0.00	40.53 0.83 0.00	34.87 1.05 0.00	32.26 1.00 0.00	30.21 0.99 0.00	29.89 1.12 0.00	30.48 1.23 0.00	33.90 1.27 0.00	41.02 1.62 0.00	52.07 1.76 0.00	62.76 3.16 0.00	57.30 2.20 0.00	45.26 1.82 0.00	40.47 1.71 0.00	33.80 1.49 0.00	30.15 1.27 0.00
KIAC_JFK_GT2 23817	31.49 1.04 0.00	30.18 0.96 0.00	28.13 0.82 0.00	27.60 0.80 0.00	28.60 0.81 0.01	32.78 0.64 0.02	52.87 0.99 0.00	66.90 2.26 0.00	54.95 1.13 0.00	40.53 0.83 0.00	34.87 1.05 0.00	32.26 1.00 0.00	30.21 0.99 0.00	29.89 1.12 0.00	30.48 1.23 0.00	33.90 1.27 0.00	41.02 1.62 0.00	52.07 1.76 0.00	62.76 3.16 0.00	57.30 2.20 0.00	45.26 1.82 0.00	40.47 1.71 0.00	33.80 1.49 0.00	30.15 1.27 0.00
KIAC_JFK____ 323774	31.50 1.04 0.00	30.18 0.96 0.00	28.13 0.82 0.00	27.63 0.83 0.00	28.61 0.81 0.01	32.81 0.68 0.02	52.87 0.98 0.00	66.90 2.26 0.00	54.95 1.13 0.00	40.57 0.87 0.00	34.87 1.05 0.00	32.29 1.03 0.00	30.27 1.05 0.00	29.89 1.12 0.00	30.48 1.23 0.00	33.90 1.27 0.00	41.02 1.62 0.00	52.12 1.81 0.00	62.70 3.10 0.00	57.25 2.15 0.00	45.26 1.82 0.00	40.46 1.70 0.00	33.80 1.49 0.00	30.15 1.27 0.00
KINTIGH____ 23543	29.12 -1.34 0.00	27.76 -1.46 0.00	26.08 -1.23 0.00	25.54 -1.26 0.00	26.56 -1.25 0.00	30.87 -1.29 0.00	49.24 -2.65 0.00	62.70 -1.94 0.00	50.54 -3.28 0.00	38.07 -1.63 0.00	32.43 -1.39 0.00	30.23 -1.03 0.00	28.17 -1.05 0.00	27.79 -0.98 0.00	27.91 -1.35 0.00	30.90 -1.73 0.00	37.16 -2.25 0.00	46.74 -3.57 0.00	56.33 -3.28 0.00	51.20 -3.86 0.04	40.27 -3.17 0.00	35.93 -2.83 0.00	30.18 -2.13 0.00	27.12 -1.76 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.40 0.94 0.00	30.27 1.05 0.00	28.29 0.98 0.00	27.87 1.07 0.00	28.89 1.08 0.00	33.60 1.45 0.00	54.58 2.70 0.00	66.19 1.55 0.00	56.46 2.64 0.00	41.76 2.06 0.00	35.27 1.45 0.00	32.57 1.31 0.00	30.39 1.17 0.00	29.86 1.09 0.00	30.31 1.05 0.00	33.77 1.14 0.00	41.06 1.65 0.00	52.33 2.01 0.00	60.32 0.72 0.00	56.86 1.76 0.00	44.70 1.26 0.00	39.88 1.12 0.00	33.48 1.16 0.00	29.98 1.10 0.00
LACHUTE__HYDRO 323717	33.32 2.86 0.00	32.14 2.92 0.00	29.91 2.60 0.00	29.35 2.55 0.00	30.56 2.75 0.00	34.76 2.60 0.00	56.45 4.57 0.00	71.36 6.72 0.00	58.50 4.68 0.00	42.56 2.86 0.00	35.88 2.06 0.00	32.98 1.72 0.00	30.91 1.69 0.00	30.12 1.35 0.00	30.69 1.43 0.00	34.39 1.76 0.00	42.36 2.96 0.00	54.64 4.33 0.00	65.51 5.90 0.00	60.06 4.96 0.00	46.87 3.43 0.00	41.74 2.98 0.00	34.96 2.65 0.00	31.71 2.83 0.00
LAWRNCV_115KV_TB1 80681	31.12 0.61 -0.05	29.91 0.67 -0.02	27.94 0.63 0.00	27.52 0.72 0.00	28.50 0.70 0.00	33.21 0.93 -0.12	58.82 5.50 -1.43	72.55 6.46 -1.44	59.09 5.27 0.00	42.48 2.78 0.00	35.61 1.79 0.00	32.86 1.59 0.00	30.59 1.37 0.00	29.94 1.18 0.00	30.31 1.05 0.00	33.84 1.21 0.00	41.57 2.17 0.00	54.23 3.57 -0.34	64.35 4.05 -0.69	59.89 4.19 -0.61	46.88 3.13 -0.32	40.74 1.98 0.00	33.67 1.36 0.00	30.06 1.16 -0.02
LEDERLE____ 23769	31.80 1.34 0.00	30.47 1.26 0.00	28.40 1.09 0.00	27.85 1.05 0.00	28.89 1.08 0.00	33.28 1.13 0.00	53.60 1.71 0.00	67.61 2.97 0.00	55.59 1.78 0.00	40.93 1.23 0.00	35.14 1.32 0.00	32.42 1.16 0.00	30.39 1.17 0.00	29.97 1.21 0.00	30.60 1.35 0.00	34.10 1.47 0.00	41.29 1.89 0.00	52.58 2.26 0.00	63.24 3.64 0.00	57.80 2.70 0.00	45.61 2.17 0.00	40.78 2.02 0.00	34.03 1.71 0.00	30.44 1.56 0.00
LIGHTHSE_115KV_TB6 355974	30.43 -0.49 -0.46	28.86 -0.50 -0.14	26.87 -0.44 0.00	26.37 -0.43 0.00	27.39 -0.42 0.00	32.78 -0.42 -1.05	56.53 -0.05 -4.70	69.95 0.58 -4.73	52.90 -0.91 0.00	38.94 -0.75 0.00	32.94 -0.88 0.00	30.48 -0.78 0.00	28.40 -0.82 0.00	27.90 -0.86 0.00	28.29 -0.97 0.00	31.59 -1.04 0.00	38.85 -0.55 0.00	50.82 -0.60 -1.11	61.68 -0.18 -2.26	56.66 -0.44 -2.00	44.13 -0.35 -1.04	38.18 -0.58 0.00	31.73 -0.58 0.00	28.43 -0.52 -0.07
LINDEN COGEN____ 23786	31.65 1.19 0.00	30.30 1.08 0.00	28.27 0.96 0.00	27.74 0.94 0.00	28.71 0.92 0.01	32.96 0.80 0.00	53.13 1.24 0.00	66.54 2.46 0.56	50.64 1.29 4.47	40.77 1.07 0.00	35.07 1.25 0.00	32.45 1.19 0.00	30.39 1.17 0.00	30.03 1.26 0.00	30.63 1.38 0.00	34.06 1.43 0.00	41.18 1.77 0.00	49.87 1.91 2.36	61.09 3.16 1.67	55.81 2.26 1.55	45.35 1.91 0.00	40.62 1.86 0.00	33.90 1.58 0.00	30.29 1.41 0.00
LINDHRST_69_KV_BK1 356055	32.65 2.19 0.00	31.06 1.84 0.00	28.92 1.61 0.00	28.35 1.55 0.00	29.50 1.70 0.00	33.86 1.70 0.00	48.77 0.88 3.99	59.39 2.00 7.25	48.66 0.97 6.13	37.93 0.56 2.32	35.78 1.96 0.00	33.26 2.00 0.00	31.03 1.81 0.00	30.72 1.96 0.00	31.48 2.22 0.00	35.25 2.61 -0.01	41.57 2.17 0.00	53.03 2.72 0.00	63.95 4.35 0.00	58.52 3.42 0.00	46.26 2.82 0.00	41.59 2.83 0.00	34.77 2.46 0.00	31.51 2.63 0.00
LIPA_MISC_IPP 23656	32.41 1.95 0.00	30.79 1.58 0.00	28.70 1.39 0.00	28.14 1.34 0.00	29.28 1.47 0.00	33.70 1.54 0.00	47.66 0.42 4.64	57.51 1.29 8.42	47.14 0.43 7.11	37.16 0.16 2.69	35.54 1.72 0.00	33.07 1.81 0.00	30.83 1.61 0.00	30.58 1.81 0.00	31.33 2.08 0.00	35.15 2.51 -0.01	41.22 1.81 0.00	52.73 2.42 0.00	63.60 3.99 0.00	58.41 3.31 0.00	46.22 2.78 0.00	41.51 2.75 0.00	34.64 2.33 0.00	31.51 2.63 0.00
LISF__SOLAR 323691	32.47 2.01 0.00	30.85 1.64 0.00	28.73 1.42 0.00	28.19 1.39 0.00	29.33 1.53 0.00	33.86 1.70 0.00	47.77 0.52 4.63	57.59 1.36 8.41	47.20 0.48 7.10	37.29 0.28 2.69	35.47 1.66 0.00	33.29 2.03 0.00	30.88 1.66 0.00	30.63 1.87 0.00	31.36 2.11 0.00	35.12 2.48 -0.01	41.13 1.73 0.00	52.53 2.21 0.00	63.48 3.87 0.00	58.29 3.19 0.00	46.13 2.69 0.00	41.59 2.83 0.00	34.67 2.36 0.00	31.54 2.66 -0.01

LITTLE FALLS___HYD 24013	29.91 -0.55 0.00	28.75 -0.47 0.00	26.90 -0.41 0.00	26.43 -0.38 0.00	27.45 -0.36 0.00	31.74 -0.42 0.00	51.31 -0.57 0.00	64.12 -0.52 0.00	53.01 -0.81 0.00	38.94 -0.75 0.00	33.17 -0.64 0.00	30.64 -0.63 0.00	28.66 -0.56 0.00	28.22 -0.55 0.00	28.67 -0.59 0.00	32.01 -0.62 0.00	38.77 -0.63 0.00	49.51 -0.81 0.00	58.65 -0.95 0.00	53.83 -1.27 0.00	42.40 -1.04 0.00	37.71 -1.05 0.00	31.34 -0.97 0.00	27.95 -0.92 0.00
LITTLRIV_115KV_TB1 356100	31.43 0.91 -0.06	30.20 0.96 -0.02	28.21 0.90 0.00	27.79 0.99 0.00	28.81 1.00 0.00	33.57 1.29 -0.13	60.11 6.80 -1.43	74.29 8.21 -1.44	60.33 6.51 0.00	43.07 3.37 0.00	36.02 2.20 0.00	33.23 1.97 0.00	30.94 1.72 0.00	30.26 1.50 0.00	30.60 1.35 0.00	34.16 1.53 0.00	42.04 2.64 0.00	55.08 4.43 -0.34	65.60 5.30 -0.69	61.00 5.29 -0.61	47.67 3.91 -0.32	41.40 2.64 0.00	34.16 1.84 0.00	30.46 1.56 -0.02
LI_NEWBRDGE___DRP 323616	32.13 1.68 0.00	30.62 1.40 0.00	28.54 1.23 0.00	27.98 1.18 0.00	29.09 1.28 0.00	33.38 1.22 0.00	47.18 0.36 5.07	56.79 1.36 9.21	46.47 0.43 7.78	36.99 0.24 2.95	35.34 1.52 0.00	32.79 1.53 0.00	30.62 1.40 0.00	30.32 1.55 0.00	31.01 1.76 0.00	34.66 2.02 -0.01	40.98 1.58 0.00	52.13 1.81 0.00	62.82 3.22 0.00	57.47 2.37 0.00	45.44 2.00 0.00	40.85 2.09 0.00	34.25 1.94 0.00	30.96 2.08 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.15 -1.31 0.00	27.73 -1.49 0.00	26.08 -1.23 0.00	25.57 -1.23 0.00	26.58 -1.22 0.00	30.93 -1.22 0.00	49.29 -2.59 0.00	62.90 -1.75 0.00	50.59 -3.23 0.00	38.23 -1.47 0.00	32.60 -1.22 0.00	30.42 -0.84 0.00	28.31 -0.91 0.00	27.99 -0.78 0.00	28.03 -1.23 0.00	30.97 -1.66 0.00	37.08 -2.32 0.00	46.44 -3.87 0.00	56.09 -3.52 0.00	50.71 -4.35 0.04	39.92 -3.52 0.00	35.66 -3.10 0.00	29.99 -2.33 0.00	27.00 -1.88 0.00
LOCKPORT___CC1 323769	29.15 -1.31 0.00	27.76 -1.46 0.00	26.11 -1.20 0.00	25.46 -1.34 0.00	26.58 -1.22 0.00	30.93 -1.22 0.00	49.18 -2.70 0.00	62.90 -1.74 0.00	50.53 -3.28 0.00	38.27 -1.43 0.00	32.60 -1.22 0.00	30.23 -1.03 0.00	28.23 -0.99 0.00	27.99 -0.78 0.00	28.03 -1.23 0.00	30.97 -1.66 0.00	37.08 -2.32 0.00	46.44 -3.87 0.00	56.09 -3.52 0.00	50.76 -4.30 0.04	39.96 -3.48 0.00	35.66 -3.10 0.00	29.99 -2.33 0.00	27.03 -1.85 0.00
LOCKPORT___CC2 323770	29.15 -1.31 0.00	27.76 -1.46 0.00	26.11 -1.20 0.00	25.46 -1.34 0.00	26.58 -1.22 0.00	30.93 -1.22 0.00	49.18 -2.70 0.00	62.90 -1.74 0.00	50.53 -3.28 0.00	38.27 -1.43 0.00	32.60 -1.22 0.00	30.23 -1.03 0.00	28.23 -0.99 0.00	27.99 -0.78 0.00	28.03 -1.23 0.00	30.97 -1.66 0.00	37.08 -2.32 0.00	46.44 -3.87 0.00	56.09 -3.52 0.00	50.76 -4.30 0.04	39.96 -3.48 0.00	35.66 -3.10 0.00	29.99 -2.33 0.00	27.03 -1.85 0.00
LOCKPORT___CC3 323771	29.15 -1.31 0.00	27.76 -1.46 0.00	26.11 -1.20 0.00	25.46 -1.34 0.00	26.58 -1.22 0.00	30.93 -1.22 0.00	49.18 -2.70 0.00	62.90 -1.74 0.00	50.53 -3.28 0.00	38.27 -1.43 0.00	32.60 -1.22 0.00	30.23 -1.03 0.00	28.23 -0.99 0.00	27.99 -0.78 0.00	28.03 -1.23 0.00	30.97 -1.66 0.00	37.08 -2.32 0.00	46.44 -3.87 0.00	56.09 -3.52 0.00	50.76 -4.30 0.04	39.96 -3.48 0.00	35.66 -3.10 0.00	29.99 -2.33 0.00	27.03 -1.85 0.00
LONG_LAKE_PHOENIX 24014	30.28 -0.82 -0.64	28.60 -0.82 -0.20	26.57 -0.74 0.00	26.05 -0.75 0.00	27.06 -0.75 0.00	32.85 -0.77 -1.47	57.23 -1.14 -6.49	70.27 -0.90 -6.54	51.56 -2.26 0.00	38.27 -1.43 0.00	32.50 -1.32 0.00	30.10 -1.16 0.00	28.08 -1.14 0.00	27.61 -1.15 0.00	28.03 -1.23 0.00	31.23 -1.40 0.00	38.42 -0.99 0.00	50.54 -1.31 -1.54	61.59 -1.13 -3.12	56.55 -1.32 -2.78	43.79 -1.09 -1.43	37.71 -1.05 0.00	31.44 -0.87 0.00	28.17 -0.81 -0.10
LOVETT___3 23632	31.71 1.25 0.00	30.36 1.14 0.00	28.29 0.98 0.00	27.74 0.94 0.00	28.78 0.97 0.00	33.12 0.96 0.00	53.34 1.45 0.00	67.29 2.65 0.00	55.33 1.51 0.00	40.73 1.03 0.00	34.97 1.15 0.00	32.29 1.03 0.00	30.27 1.05 0.00	29.89 1.12 0.00	30.48 1.23 0.00	33.97 1.34 0.00	41.14 1.73 0.00	52.33 2.01 0.00	62.94 3.34 0.00	57.52 2.42 0.00	45.39 1.95 0.00	40.58 1.82 0.00	33.90 1.58 0.00	30.32 1.44 0.00
LOVETT___4 23642	31.71 1.25 0.00	30.36 1.14 0.00	28.29 0.98 0.00	27.74 0.94 0.00	28.78 0.97 0.00	33.12 0.96 0.00	53.34 1.45 0.00	67.29 2.65 0.00	55.33 1.51 0.00	40.73 1.03 0.00	34.97 1.15 0.00	32.29 1.03 0.00	30.27 1.05 0.00	29.89 1.12 0.00	30.48 1.23 0.00	33.97 1.34 0.00	41.14 1.73 0.00	52.33 2.01 0.00	62.94 3.34 0.00	57.52 2.42 0.00	45.39 1.95 0.00	40.58 1.82 0.00	33.90 1.58 0.00	30.32 1.44 0.00
LOVETT___5 23593	31.71 1.25 0.00	30.36 1.14 0.00	28.29 0.98 0.00	27.74 0.94 0.00	28.78 0.97 0.00	33.12 0.96 0.00	53.34 1.45 0.00	67.29 2.65 0.00	55.33 1.51 0.00	40.73 1.03 0.00	34.97 1.15 0.00	32.29 1.03 0.00	30.27 1.05 0.00	29.89 1.12 0.00	30.48 1.23 0.00	33.97 1.34 0.00	41.14 1.73 0.00	52.33 2.01 0.00	62.94 3.34 0.00	57.52 2.42 0.00	45.39 1.95 0.00	40.58 1.82 0.00	33.90 1.58 0.00	30.32 1.44 0.00
LOWER RAQUET___HYD 24057	31.16 0.64 -0.06	29.97 0.73 -0.02	27.99 0.68 0.00	27.55 0.75 0.00	28.56 0.75 0.00	33.26 0.96 -0.14	58.81 5.50 -1.43	72.55 6.46 -1.44	59.10 5.28 0.00	42.32 2.62 0.00	35.61 1.79 0.00	32.85 1.59 0.00	30.59 1.37 0.00	29.94 1.18 0.00	30.31 1.05 0.00	33.84 1.21 0.00	41.61 2.21 0.00	54.28 3.62 -0.34	64.40 4.11 -0.69	59.95 4.24 -0.61	46.89 3.13 -0.32	40.77 2.01 0.00	33.67 1.36 0.00	30.06 1.16 -0.02
LOWER___HUDSON 24059	31.65 1.19 0.00	30.41 1.20 0.00	28.38 1.06 0.00	27.87 1.07 0.00	28.92 1.11 0.00	33.31 1.16 0.00	53.65 1.77 0.00	67.36 2.71 0.00	55.43 1.61 0.00	40.65 0.95 0.00	34.66 0.85 0.00	32.01 0.75 0.00	29.98 0.76 0.00	29.48 0.72 0.00	30.04 0.79 0.00	33.61 0.98 0.00	41.02 1.62 0.00	52.48 2.16 0.00	62.64 3.04 0.00	57.41 2.31 0.00	45.26 1.82 0.00	40.43 1.67 0.00	33.73 1.42 0.00	30.21 1.33 0.00
LOWVILLE_115KV_TB2 356335	31.18 0.58 -0.14	29.84 0.58 -0.04	27.86 0.55 0.00	27.36 0.56 0.00	28.45 0.64 0.00	33.34 0.87 -0.32	56.57 3.06 -1.62	70.61 4.33 -1.64	56.62 2.80 0.00	41.05 1.35 0.00	34.56 0.74 0.00	31.95 0.69 0.00	29.75 0.53 0.00	29.20 0.43 0.00	29.58 0.32 0.00	33.05 0.42 0.00	40.55 1.14 0.00	52.66 1.96 -0.39	63.19 2.80 -0.78	58.21 2.42 -0.69	45.58 1.78 -0.36	39.50 0.74 0.00	32.64 0.32 0.00	29.13 0.23 -0.02
LUTHERFT_115KV_GLOB_FND_222 355753	32.01 1.55 0.00	30.76 1.55 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.28 1.47 0.00	33.60 1.45 0.00	54.22 2.33 0.00	68.20 3.56 0.00	56.03 2.21 0.00	41.01 1.31 0.00	34.83 1.01 0.00	32.14 0.88 0.00	30.13 0.91 0.00	29.57 0.81 0.00	30.13 0.88 0.00	33.71 1.08 0.00	41.22 1.81 0.00	52.78 2.47 0.00	63.06 3.46 0.00	57.85 2.75 0.00	45.48 2.04 0.00	40.62 1.86 0.00	33.90 1.58 0.00	30.47 1.59 0.00

LUTHERNY_35_KV_BK2 355980	32.01 1.55 0.00	30.79 1.58 0.00	28.73 1.42 0.00	28.19 1.39 0.00	29.28 1.47 0.00	33.60 1.45 0.00	54.22 2.33 0.00	68.26 3.62 0.00	56.08 2.26 0.00	41.05 1.35 0.00	34.87 1.05 0.00	32.17 0.91 0.00	30.13 0.91 0.00	29.57 0.81 0.00	30.13 0.88 0.00	33.74 1.11 0.00	41.22 1.81 0.00	52.83 2.52 0.00	63.06 3.46 0.00	57.91 2.81 0.00	45.52 2.09 0.00	40.62 1.86 0.00	33.93 1.62 0.00	30.50 1.62 0.00
LWR___OSWEGATCHIE_HYD 23850	31.07 0.49 -0.12	29.78 0.53 -0.04	27.83 0.52 0.00	27.36 0.56 0.00	28.39 0.58 0.00	33.23 0.80 -0.27	57.84 4.20 -1.76	71.71 5.30 -1.77	57.75 3.93 0.00	41.64 1.95 0.00	34.97 1.15 0.00	32.29 1.03 0.00	30.10 0.88 0.00	29.45 0.69 0.00	29.84 0.59 0.00	33.32 0.69 0.00	40.94 1.54 0.00	53.40 2.67 -0.42	63.78 3.34 -0.84	59.04 3.20 -0.74	46.17 2.35 -0.39	40.08 1.32 0.00	33.09 0.78 0.00	29.57 0.66 -0.03
LYONS_FALL_HYD 23570	31.14 0.58 -0.10	29.83 0.58 -0.03	27.86 0.55 0.00	27.36 0.56 0.00	28.42 0.61 0.00	33.19 0.80 -0.23	55.60 2.54 -1.17	69.51 3.68 -1.18	56.13 2.31 0.00	40.85 1.15 0.00	34.49 0.68 0.00	31.89 0.62 0.00	29.72 0.50 0.00	29.20 0.43 0.00	29.61 0.35 0.00	33.05 0.42 0.00	40.43 1.02 0.00	52.30 1.71 -0.28	62.67 2.50 -0.56	57.64 2.04 -0.50	45.22 1.52 -0.26	39.53 0.77 0.00	32.73 0.42 0.00	29.24 0.35 -0.02
MADISON___COUNTY_LFGE 323628	31.17 0.61 -0.11	29.83 0.58 -0.03	27.89 0.57 0.00	27.34 0.54 0.00	28.42 0.61 0.00	33.20 0.80 -0.24	54.93 1.92 -1.13	68.82 3.04 -1.14	55.38 1.56 0.00	40.57 0.87 0.00	34.36 0.54 0.00	31.76 0.50 0.00	29.63 0.41 0.00	29.14 0.37 0.00	29.55 0.29 0.00	32.99 0.36 0.00	40.27 0.87 0.00	51.89 1.31 -0.27	62.17 2.03 -0.54	57.06 1.49 -0.47	44.77 1.09 -0.25	39.54 0.78 0.00	32.86 0.55 0.00	29.39 0.49 -0.02
MALONE___115KV_TB1 356076	31.25 0.79 0.00	30.09 0.88 0.00	28.13 0.82 0.00	27.71 0.91 0.00	28.70 0.89 0.00	33.34 1.19 0.00	55.93 3.42 -0.62	68.04 2.78 -0.62	57.16 3.34 0.00	41.80 2.10 0.00	35.27 1.45 0.00	32.54 1.28 0.00	30.36 1.14 0.00	29.77 1.01 0.00	30.22 0.97 0.00	33.67 1.04 0.00	41.02 1.62 0.00	52.88 2.42 -0.15	61.45 1.55 -0.30	57.79 2.42 -0.26	45.36 1.78 -0.14	40.00 1.24 0.00	33.25 0.94 0.00	29.73 0.84 -0.01
MAPLEWOD_115KV_TB3 80458	31.43 0.97 0.00	30.21 0.99 0.00	28.19 0.87 0.00	27.66 0.86 0.00	28.72 0.92 0.00	33.15 1.00 0.00	53.39 1.50 0.00	67.10 2.46 0.00	55.22 1.40 0.00	40.53 0.83 0.00	34.53 0.71 0.00	31.89 0.63 0.00	29.86 0.64 0.00	29.40 0.63 0.00	29.96 0.70 0.00	33.48 0.85 0.00	40.86 1.46 0.00	52.28 1.96 0.00	62.40 2.80 0.00	57.25 2.15 0.00	45.09 1.65 0.00	40.27 1.51 0.00	33.57 1.26 0.00	30.00 1.13 0.00
MAPLE_RIDGE_WT_1 323574	30.43 -0.03 0.00	29.25 0.03 0.00	27.37 0.05 0.00	26.88 0.08 0.00	27.89 0.08 0.00	32.28 0.13 0.00	52.09 0.21 0.00	64.32 -0.32 0.00	53.87 0.05 0.00	39.70 0.00 0.00	33.82 0.00 0.00	31.26 0.00 0.00	29.19 -0.03 0.00	28.74 -0.03 0.00	29.20 -0.06 0.00	32.56 -0.07 0.00	39.44 0.04 0.00	50.36 0.05 0.00	59.12 -0.48 0.00	54.88 -0.22 0.00	43.09 -0.35 0.00	38.26 -0.50 0.00	31.67 -0.65 0.00	28.19 -0.69 0.00
MAPLE_RIDGE_WT_2 323611	30.43 -0.03 0.00	29.25 0.03 0.00	27.37 0.05 0.00	26.88 0.08 0.00	27.89 0.08 0.00	32.28 0.13 0.00	52.09 0.21 0.00	64.32 -0.32 0.00	53.87 0.05 0.00	39.70 0.00 0.00	33.82 0.00 0.00	31.26 0.00 0.00	29.19 -0.03 0.00	28.74 -0.03 0.00	29.20 -0.06 0.00	32.56 -0.07 0.00	39.44 0.04 0.00	50.36 0.05 0.00	59.12 -0.48 0.00	54.88 -0.22 0.00	43.09 -0.35 0.00	38.26 -0.50 0.00	31.67 -0.65 0.00	28.19 -0.69 0.00
MARBLE_RIVER_WT_PWR 323696	30.94 0.49 0.00	29.80 0.58 0.00	27.86 0.55 0.00	27.44 0.64 0.00	28.42 0.61 0.00	32.99 0.83 0.00	53.44 1.56 0.00	65.16 0.51 0.00	55.32 1.50 0.00	40.57 0.87 0.00	34.63 0.81 0.00	32.01 0.75 0.00	29.86 0.64 0.00	29.34 0.58 0.00	29.78 0.53 0.00	33.22 0.59 0.00	40.35 0.94 0.00	51.42 1.11 0.00	59.54 -0.06 0.00	55.93 0.83 0.00	43.96 0.52 0.00	39.23 0.47 0.00	32.80 0.49 0.00	29.34 0.46 0.00
MARSHVLE_115KV_TB1 80742	32.96 2.50 0.00	31.67 2.45 0.00	29.55 2.24 0.00	28.97 2.17 0.00	30.17 2.36 0.00	35.02 2.86 0.00	56.97 5.08 0.00	71.82 7.18 0.00	58.29 4.47 0.00	42.16 2.46 0.00	35.30 1.49 0.00	32.54 1.28 0.00	30.45 1.23 0.00	30.00 1.24 0.00	30.51 1.26 0.00	34.85 2.22 0.00	42.59 3.19 0.00	54.84 4.53 0.00	65.62 6.02 0.00	60.22 5.12 0.00	47.30 3.87 0.00	42.29 3.53 0.00	35.16 2.84 0.00	31.33 2.45 0.00
MARSH_HILL_WT_PWR 323713	30.47 -0.06 -0.07	28.89 -0.35 -0.02	27.15 -0.16 0.00	26.51 -0.29 0.00	27.70 -0.11 0.00	32.45 0.13 -0.17	52.77 0.21 -0.68	67.00 1.68 -0.68	53.44 -0.37 0.00	40.09 0.40 0.00	33.95 0.14 0.00	31.45 0.19 0.00	29.25 0.03 0.00	28.94 0.17 0.00	29.14 -0.12 0.00	32.27 -0.36 0.00	38.93 -0.47 0.00	49.42 -1.06 -0.16	59.45 -0.48 -0.33	53.76 -1.60 -0.26	42.11 -1.48 -0.15	37.33 -1.43 0.00	31.22 -1.10 0.00	27.99 -0.90 -0.01
MCINTYRE_115KV_TB2 80467	31.49 1.04 0.00	30.30 1.08 0.00	28.35 1.04 0.00	27.90 1.10 0.00	28.92 1.11 0.00	33.60 1.45 0.00	61.15 7.83 -1.43	75.72 9.63 -1.44	61.19 7.37 0.00	43.47 3.77 0.00	36.29 2.47 0.00	33.48 2.22 0.00	31.18 1.96 0.00	30.43 1.67 0.00	30.78 1.52 0.00	34.39 1.76 0.00	42.40 2.99 0.00	55.79 5.13 -0.34	66.61 6.32 -0.69	61.88 6.17 -0.61	48.36 4.60 -0.32	41.90 3.14 0.00	34.54 2.23 0.00	30.81 1.91 -0.02
MECO_____69_KV_BK1 80468	32.96 2.50 0.00	31.70 2.48 0.00	29.55 2.24 0.00	29.00 2.20 0.00	30.20 2.39 0.00	35.02 2.86 0.00	56.86 4.98 0.00	71.69 7.05 0.00	58.39 4.57 0.00	42.36 2.66 0.00	35.58 1.76 0.00	32.73 1.47 0.00	30.68 1.46 0.00	30.15 1.38 0.00	30.69 1.43 0.00	34.82 2.19 0.00	42.63 3.23 0.00	54.99 4.68 0.00	65.74 6.14 0.00	60.39 5.29 0.00	47.35 3.91 0.00	42.25 3.49 0.00	35.16 2.84 0.00	31.33 2.45 0.00
MENANDS___115KV_TB5 355628	31.31 0.85 0.00	30.06 0.85 0.00	28.08 0.76 0.00	27.55 0.75 0.00	28.59 0.78 0.00	32.99 0.84 0.00	53.13 1.25 0.00	66.77 2.13 0.00	54.95 1.13 0.00	40.33 0.64 0.00	34.39 0.57 0.00	31.76 0.50 0.00	29.75 0.53 0.00	29.28 0.52 0.00	29.84 0.59 0.00	33.35 0.72 0.00	40.66 1.26 0.00	52.02 1.71 0.00	62.11 2.50 0.00	56.97 1.87 0.00	44.92 1.48 0.00	40.12 1.36 0.00	33.44 1.13 0.00	29.86 0.98 0.00
MG INDUSTRY___DRP 24185	31.25 0.79 0.00	30.03 0.82 0.00	28.02 0.71 0.00	27.52 0.72 0.00	28.56 0.75 0.00	32.96 0.80 0.00	53.13 1.25 0.00	66.64 2.00 0.00	54.79 0.97 0.00	40.13 0.44 0.00	34.12 0.30 0.00	31.48 0.22 0.00	29.45 0.23 0.00	28.99 0.23 0.00	29.58 0.32 0.00	33.09 0.46 0.00	40.43 1.02 0.00	51.77 1.46 0.00	61.75 2.15 0.00	56.75 1.65 0.00	44.70 1.26 0.00	39.96 1.20 0.00	33.32 1.00 0.00	29.75 0.87 0.00

MID___OSWEGATCHIE_HYD 23849	31.07 0.49 -0.12	29.78 0.53 -0.04	27.83 0.52 0.00	27.36 0.56 0.00	28.39 0.58 0.00	33.23 0.80 -0.27	57.84 4.20 -1.76	71.71 5.30 -1.77	57.75 3.93 0.00	41.64 1.95 0.00	34.97 1.15 0.00	32.29 1.03 0.00	30.10 0.88 0.00	29.45 0.69 0.00	29.84 0.59 0.00	33.32 0.69 0.00	40.94 1.54 0.00	53.40 2.67 -0.42	63.78 3.34 -0.84	59.04 3.20 -0.74	46.17 2.35 -0.39	40.08 1.32 0.00	33.09 0.78 0.00	29.57 0.66 -0.03
MID___RAQUETTE_HYD 23851	31.16 0.64 -0.06	29.97 0.73 -0.02	27.99 0.68 0.00	27.55 0.75 0.00	28.56 0.75 0.00	33.26 0.96 -0.14	58.82 5.50 -1.43	72.55 6.46 -1.44	59.09 5.27 0.00	42.48 2.78 0.00	35.61 1.79 0.00	32.86 1.59 0.00	30.59 1.37 0.00	29.94 1.18 0.00	30.31 1.05 0.00	33.84 1.21 0.00	41.57 2.17 0.00	54.28 3.62 -0.34	64.35 4.05 -0.69	59.89 4.19 -0.61	46.88 3.13 -0.32	40.74 1.98 0.00	33.67 1.36 0.00	30.06 1.16 -0.02
MILLIKEN___1 23584	30.99 0.37 -0.17	29.59 0.32 -0.05	27.64 0.33 0.00	27.07 0.27 0.00	28.17 0.36 0.00	33.12 0.58 -0.39	54.87 1.30 -1.69	68.74 2.39 -1.70	54.46 0.65 0.00	40.21 0.52 0.00	33.99 0.17 0.00	31.48 0.22 0.00	29.31 0.09 0.00	28.85 0.09 0.00	29.25 0.00 0.00	32.60 -0.03 0.00	39.88 0.47 0.00	51.47 0.75 -0.40	61.97 1.55 -0.81	56.69 0.88 -0.70	44.46 0.65 -0.37	39.19 0.43 0.00	32.64 0.32 0.00	29.16 0.26 -0.03
MILLIKEN___2 23585	30.99 0.37 -0.17	29.59 0.32 -0.05	27.64 0.33 0.00	27.07 0.27 0.00	28.17 0.36 0.00	33.12 0.58 -0.39	54.87 1.30 -1.69	68.74 2.39 -1.70	54.46 0.65 0.00	40.21 0.52 0.00	33.99 0.17 0.00	31.48 0.22 0.00	29.31 0.09 0.00	28.85 0.09 0.00	29.25 0.00 0.00	32.60 -0.03 0.00	39.88 0.47 0.00	51.47 0.75 -0.40	61.97 1.55 -0.81	56.69 0.88 -0.70	44.46 0.65 -0.37	39.19 0.43 0.00	32.64 0.32 0.00	29.16 0.26 -0.03
MILLIKEN___DIESEL 23629	30.99 0.37 -0.17	29.59 0.32 -0.05	27.64 0.33 0.00	27.07 0.27 0.00	28.17 0.36 0.00	33.12 0.58 -0.39	54.87 1.30 -1.69	68.74 2.39 -1.70	54.46 0.65 0.00	40.21 0.52 0.00	33.99 0.17 0.00	31.48 0.22 0.00	29.31 0.09 0.00	28.85 0.09 0.00	29.25 0.00 0.00	32.60 -0.03 0.00	39.88 0.47 0.00	51.47 0.75 -0.40	61.97 1.55 -0.81	56.69 0.88 -0.70	44.46 0.65 -0.37	39.19 0.43 0.00	32.64 0.32 0.00	29.16 0.26 -0.03
MILLSEAT___LFGE 323607	29.48 -0.98 0.00	28.08 -1.14 0.00	26.41 -0.90 0.00	25.78 -1.02 0.00	26.92 -0.89 0.00	31.35 -0.80 0.00	50.02 -1.87 0.00	64.12 -0.52 0.00	51.51 -2.31 0.00	38.94 -0.76 0.00	33.11 -0.71 0.00	30.67 -0.59 0.00	28.58 -0.64 0.00	28.30 -0.46 0.00	28.38 -0.88 0.00	31.39 -1.24 0.00	37.67 -1.73 0.00	47.39 -2.92 0.00	57.28 -2.33 0.00	51.86 -3.20 0.04	40.79 -2.65 0.00	36.39 -2.37 0.00	30.50 -1.81 0.00	27.41 -1.47 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.77 1.31 0.00	30.41 1.20 0.00	28.38 1.07 0.00	27.82 1.02 0.00	28.86 1.06 0.00	33.18 1.03 0.00	53.49 1.61 0.00	67.49 2.84 0.00	55.43 1.61 0.00	40.85 1.15 0.00	35.10 1.29 0.00	32.42 1.16 0.00	30.36 1.14 0.00	30.00 1.24 0.00	30.60 1.35 0.00	34.10 1.47 0.00	41.26 1.85 0.00	52.48 2.16 0.00	63.12 3.52 0.00	57.69 2.59 0.00	45.52 2.09 0.00	40.74 1.98 0.00	33.99 1.68 0.00	30.38 1.50 0.00
MILLWOOD_13_KV_LOAD 356217	31.86 1.40 0.00	30.50 1.29 0.00	28.46 1.15 0.00	27.90 1.10 0.00	28.95 1.14 0.00	33.31 1.16 0.00	53.70 1.82 0.00	67.74 3.10 0.00	55.76 1.94 0.00	41.05 1.35 0.00	35.24 1.42 0.00	32.54 1.28 0.00	30.48 1.26 0.00	30.09 1.32 0.00	30.69 1.43 0.00	34.23 1.60 0.00	41.41 2.01 0.00	52.68 2.36 0.00	63.42 3.81 0.00	57.91 2.81 0.00	45.74 2.30 0.00	40.89 2.13 0.00	34.09 1.78 0.00	30.47 1.59 0.00
MODEL_CITY_ENERGY 24167	28.81 -1.65 0.00	27.43 -1.78 0.00	25.81 -1.50 0.00	25.16 -1.64 0.00	26.28 -1.53 0.00	30.55 -1.61 0.00	48.56 -3.32 0.00	62.05 -2.59 0.00	49.84 -3.98 0.00	37.75 -1.94 0.00	32.19 -1.62 0.00	29.85 -1.41 0.00	27.88 -1.34 0.00	27.61 -1.15 0.00	27.67 -1.58 0.00	30.61 -2.02 0.00	36.61 -2.80 0.00	45.84 -4.48 0.00	55.37 -4.23 0.00	50.10 -4.96 0.04	39.44 -4.00 0.00	35.19 -3.57 0.00	29.63 -2.68 0.00	26.71 -2.17 0.00
MODERN_LFGE___ 323580	28.81 -1.65 0.00	27.43 -1.78 0.00	25.81 -1.50 0.00	25.16 -1.64 0.00	26.28 -1.53 0.00	30.55 -1.61 0.00	48.56 -3.32 0.00	62.05 -2.59 0.00	49.84 -3.98 0.00	37.75 -1.94 0.00	32.19 -1.62 0.00	29.85 -1.41 0.00	27.88 -1.34 0.00	27.61 -1.15 0.00	27.67 -1.58 0.00	30.61 -2.02 0.00	36.61 -2.80 0.00	45.84 -4.48 0.00	55.37 -4.23 0.00	50.10 -4.96 0.04	39.44 -4.00 0.00	35.19 -3.57 0.00	29.63 -2.68 0.00	26.71 -2.17 0.00
MOHAWK_PAPER___DRP 24187	31.43 0.97 0.00	30.21 0.99 0.00	28.19 0.87 0.00	27.66 0.86 0.00	28.72 0.92 0.00	33.15 1.00 0.00	53.39 1.50 0.00	67.10 2.46 0.00	55.22 1.40 0.00	40.53 0.83 0.00	34.53 0.71 0.00	31.89 0.63 0.00	29.86 0.64 0.00	29.40 0.63 0.00	29.96 0.70 0.00	33.48 0.85 0.00	40.86 1.46 0.00	52.28 1.96 0.00	62.40 2.80 0.00	57.25 2.15 0.00	45.09 1.65 0.00	40.27 1.51 0.00	33.57 1.26 0.00	30.00 1.13 0.00
MOHICAN___35_KV_115KV_LD 80490	32.38 1.92 0.00	31.17 1.96 0.00	29.06 1.75 0.00	28.49 1.69 0.00	29.64 1.84 0.00	33.63 1.48 0.00	54.43 2.54 0.00	68.58 3.94 0.00	56.35 2.53 0.00	41.13 1.43 0.00	34.83 1.01 0.00	32.11 0.84 0.00	30.13 0.91 0.00	29.45 0.69 0.00	29.99 0.73 0.00	33.58 0.95 0.00	41.14 1.73 0.00	52.78 2.47 0.00	63.06 3.46 0.00	57.91 2.81 0.00	45.35 1.91 0.00	40.47 1.71 0.00	33.90 1.58 0.00	30.81 1.93 0.00
MONGAUP___HYD 23641	32.04 1.58 0.00	30.76 1.55 0.00	28.68 1.37 0.00	28.19 1.39 0.00	29.22 1.42 0.00	33.73 1.58 0.00	54.53 2.64 0.00	68.39 3.75 0.00	56.24 2.42 0.00	41.29 1.59 0.00	35.13 1.32 0.00	32.29 1.03 0.00	30.30 1.08 0.00	29.83 1.06 0.00	30.57 1.32 0.00	34.20 1.57 0.00	41.53 2.13 0.00	53.23 2.92 0.00	64.08 4.47 0.00	58.52 3.42 0.00	46.26 2.82 0.00	41.20 2.44 0.00	34.29 1.97 0.00	30.61 1.73 0.00
MONTAUK___DIESEL 23721	32.10 1.64 0.00	30.41 1.20 0.00	28.38 1.07 0.00	27.90 1.10 0.00	29.06 1.25 0.00	33.44 1.29 0.00	47.41 0.16 4.63	57.39 1.16 8.42	47.20 0.48 7.11	37.40 0.40 2.69	35.91 2.10 0.00	33.64 2.38 0.00	31.41 2.19 0.00	31.24 2.47 0.00	32.09 2.84 0.00	36.06 3.43 -0.01	42.40 2.99 0.00	54.39 4.08 0.00	65.62 6.02 0.00	60.28 5.18 0.00	47.52 4.08 0.00	42.67 3.91 0.00	35.29 2.97 0.00	32.08 3.21 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.43 -0.03 0.00	28.92 -0.29 0.00	27.26 -0.05 0.00	26.61 -0.19 0.00	27.81 0.00 0.00	32.48 0.32 0.00	52.04 0.16 0.00	66.39 1.75 0.00	53.17 -0.65 0.00	40.09 0.40 0.00	34.19 0.37 0.00	31.82 0.56 0.00	29.60 0.38 0.00	29.31 0.55 0.00	29.34 0.09 0.00	32.34 -0.29 0.00	38.69 -0.71 0.00	48.60 -1.71 0.00	58.65 -0.95 0.00	52.59 -2.48 0.03	41.18 -2.26 0.00	36.55 -2.21 0.00	30.63 -1.68 0.00	27.46 -1.42 0.00

MORRIS_RIDGE___SOLAR 323848	30.06 -0.46 -0.05	28.56 -0.67 -0.02	26.85 -0.46 0.00	26.18 -0.62 0.00	27.33 -0.47 0.00	31.96 -0.32 -0.13	51.11 -0.78 0.00	64.97 0.32 0.00	52.37 -1.45 0.00	39.34 -0.36 0.00	33.38 -0.44 0.00	30.95 -0.31 0.00	28.84 -0.38 0.00	28.53 -0.23 0.00	28.70 -0.56 0.00	31.78 -0.85 0.00	38.30 -1.10 0.00	48.35 -1.96 0.00	58.17 -1.43 0.00	52.70 -2.37 0.03	41.40 -2.04 0.00	36.86 -1.90 0.00	30.93 -1.39 0.00	27.78 -1.10 0.00
MORTIMER_115KV_TB3 55949	29.55 -0.91 0.00	28.22 -0.99 0.00	26.47 -0.85 0.00	25.94 -0.86 0.00	26.97 -0.83 0.00	31.35 -0.80 0.00	50.33 -1.56 0.00	63.99 -0.65 0.00	51.72 -2.10 0.00	38.78 -0.91 0.00	32.94 -0.88 0.00	30.64 -0.63 0.00	28.55 -0.67 0.00	28.10 -0.66 0.00	28.32 -0.94 0.00	31.42 -1.21 0.00	38.06 -1.34 0.00	48.15 -2.16 0.00	57.88 -1.73 0.00	52.80 -2.26 0.04	41.53 -1.91 0.00	37.05 -1.71 0.00	30.92 -1.39 0.00	27.69 -1.18 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.89 1.43 0.00	30.53 1.31 0.00	28.49 1.17 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.22 1.06 0.00	53.44 1.56 0.00	67.55 2.91 0.00	55.49 1.67 0.00	40.93 1.23 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.53 1.31 0.00	30.17 1.41 0.00	30.78 1.52 0.00	34.26 1.63 0.00	41.41 2.01 0.00	52.58 2.26 0.00	63.24 3.64 0.00	57.80 2.70 0.00	45.65 2.22 0.00	40.85 2.09 0.00	34.12 1.81 0.00	30.52 1.65 0.00
MUNSVILLE_WIND_PWR 323609	32.60 2.01 -0.13	31.24 1.99 -0.04	29.22 1.91 0.00	28.68 1.88 0.00	29.92 2.11 0.00	35.12 2.67 -0.30	58.94 5.76 -1.30	74.41 8.47 -1.31	59.15 5.33 0.00	42.80 3.10 0.00	35.81 1.99 0.00	33.07 1.81 0.00	30.83 1.61 0.00	30.29 1.52 0.00	30.63 1.38 0.00	34.26 1.63 0.00	42.12 2.72 0.00	54.75 4.13 -0.31	66.07 5.84 -0.62	60.10 4.46 -0.54	46.99 3.26 -0.29	41.16 2.40 0.00	34.15 1.84 0.00	30.40 1.50 -0.02
N SALMON___HYD 24042	31.25 0.79 0.00	30.09 0.88 0.00	28.13 0.82 0.00	27.71 0.91 0.00	28.70 0.89 0.00	33.34 1.19 0.00	55.93 3.42 -0.62	68.04 2.78 -0.62	57.16 3.34 0.00	41.60 1.91 0.00	35.27 1.45 0.00	32.54 1.28 0.00	30.36 1.14 0.00	29.77 1.01 0.00	30.22 0.96 0.00	33.67 1.04 0.00	41.10 1.69 0.00	52.88 2.41 -0.15	61.45 1.55 -0.30	57.84 2.48 -0.26	45.36 1.78 -0.14	40.00 1.24 0.00	33.25 0.94 0.00	29.73 0.84 -0.01
N.AKRON__115KV_KNAPP 355671	29.51 -0.94 0.00	28.08 -1.14 0.00	26.41 -0.90 0.00	25.89 -0.91 0.00	26.92 -0.89 0.00	31.38 -0.77 0.00	50.12 -1.76 0.00	64.12 -0.52 0.00	51.56 -2.26 0.00	38.90 -0.79 0.00	33.11 -0.71 0.00	30.85 -0.41 0.00	28.69 -0.53 0.00	28.33 -0.43 0.00	28.38 -0.88 0.00	31.39 -1.24 0.00	37.67 -1.73 0.00	47.35 -2.97 0.00	57.22 -2.38 0.00	51.81 -3.25 0.04	40.75 -2.69 0.00	36.36 -2.40 0.00	30.50 -1.81 0.00	27.41 -1.47 0.00
N.BELMOR_69_KV_BK1 55787	32.38 1.92 0.00	30.82 1.61 0.00	28.73 1.42 0.00	28.17 1.37 0.00	29.28 1.47 0.00	33.60 1.45 0.00	50.08 0.78 2.58	61.82 1.87 4.70	50.71 0.86 3.97	38.72 0.52 1.50	35.54 1.72 0.00	33.01 1.75 0.00	30.83 1.61 0.00	30.52 1.75 0.00	31.21 1.96 0.00	34.89 2.25 -0.01	41.29 1.89 0.00	52.48 2.16 0.00	63.24 3.64 0.00	57.85 2.75 0.00	45.70 2.26 0.00	41.16 2.40 0.00	34.48 2.17 0.00	31.13 2.25 0.00
N.E_GEN_SANDY PD 24062	31.68 1.22 0.00	30.41 1.20 0.00	28.38 1.06 0.00	28.60 1.07 -0.73	28.92 1.11 0.00	34.72 1.16 -1.41	53.54 1.66 0.00	67.29 2.65 0.00	55.32 1.50 0.00	40.61 0.91 0.00	34.73 0.91 0.00	32.11 0.84 0.00	30.10 0.88 0.00	29.66 0.89 0.00	30.22 0.96 0.00	33.77 1.14 0.00	41.18 1.77 0.00	54.42 2.21 -1.89	64.51 3.28 -1.63	57.47 2.37 0.00	45.44 2.00 0.00	41.19 1.82 -0.61	34.70 1.55 -0.84	32.80 1.41 -2.51
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.74 1.28 0.00	30.39 1.17 0.00	28.32 1.01 0.00	27.79 0.99 0.00	28.81 1.00 0.00	33.15 1.00 0.00	53.44 1.56 0.00	67.42 2.78 0.00	55.38 1.56 0.00	40.77 1.07 0.00	35.03 1.22 0.00	32.32 1.06 0.00	30.30 1.08 0.00	29.92 1.15 0.00	30.51 1.26 0.00	34.00 1.37 0.00	41.18 1.77 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.63 2.53 0.00	45.48 2.04 0.00	40.66 1.90 0.00	33.93 1.62 0.00	30.35 1.47 0.00
N.QUEENS_27_KV_LOAD 356247	31.96 1.49 -0.01	30.63 1.40 -0.01	28.55 1.23 -0.01	28.01 1.21 -0.01	29.06 1.25 0.00	33.01 0.87 0.01	52.91 1.04 0.01	66.70 2.07 0.01	54.95 1.13 0.00	40.57 0.87 0.00	35.14 1.32 0.00	32.48 1.22 0.00	30.48 1.26 0.00	30.15 1.38 0.00	30.75 1.49 0.00	34.16 1.53 0.00	41.18 1.77 0.00	52.07 1.76 0.00	62.70 3.10 0.00	57.25 2.15 0.00	45.26 1.82 0.00	40.54 1.78 0.00	34.03 1.71 0.00	30.76 1.88 0.00
N.TROY___115KV_TB1 355778	31.65 1.19 0.00	30.41 1.20 0.00	28.38 1.07 0.00	27.85 1.05 0.00	28.92 1.11 0.00	33.31 1.16 0.00	53.60 1.71 0.00	67.36 2.71 0.00	55.43 1.61 0.00	40.61 0.91 0.00	34.63 0.81 0.00	31.98 0.72 0.00	29.98 0.76 0.00	29.48 0.72 0.00	30.04 0.79 0.00	33.61 0.98 0.00	41.02 1.62 0.00	52.48 2.16 0.00	62.64 3.04 0.00	57.47 2.37 0.00	45.26 1.82 0.00	40.43 1.67 0.00	33.74 1.42 0.00	30.21 1.33 0.00
NARROWS_GT1_1 24228	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
NARROWS_GT1_2 24229	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
NARROWS_GT1_3 24230	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
NARROWS_GT1_4 24231	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00

NARROWS_GT1_5 24232	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
NARROWS_GT1_6 24233	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
NARROWS_GT1_7 24234	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
NARROWS_GT1_8 24235	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
NARROWS_GT2_1 24236	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
NARROWS_GT2_2 24237	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
NARROWS_GT2_3 24238	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
NARROWS_GT2_4 24239	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
NARROWS_GT2_5 24240	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
NARROWS_GT2_6 24241	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
NARROWS_GT2_7 24242	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
NARROWS_GT2_8 24243	32.17 1.70 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.17 1.37 -0.01	29.14 1.33 0.00	33.31 1.16 0.00	53.17 1.30 0.01	67.09 2.46 0.01	55.27 1.45 0.00	40.89 1.19 0.00	35.37 1.56 0.00	32.76 1.50 0.00	30.71 1.49 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.08 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.62 1.16 0.00	30.47 1.26 0.00	28.43 1.12 0.00	27.95 1.15 0.00	29.03 1.22 0.00	33.57 1.41 0.00	54.22 2.33 0.00	67.87 3.23 0.00	55.81 1.99 0.00	40.65 0.95 0.00	34.32 0.51 0.00	31.51 0.25 0.00	29.54 0.32 0.00	28.97 0.20 0.00	29.63 0.38 0.00	33.28 0.65 0.00	40.90 1.50 0.00	52.68 2.36 0.00	63.06 3.46 0.00	57.85 2.75 0.00	45.52 2.09 0.00	40.54 1.78 0.00	33.70 1.39 0.00	30.09 1.21 0.00
NCHELSEA_115KV_TR2 355582	31.86 1.40 0.00	30.56 1.34 0.00	28.51 1.20 0.00	27.98 1.18 0.00	29.03 1.22 0.00	33.47 1.32 0.00	53.96 2.08 0.00	67.87 3.23 0.00	55.86 2.05 0.00	41.09 1.39 0.00	35.17 1.35 0.00	32.39 1.13 0.00	30.36 1.14 0.00	29.92 1.15 0.00	30.60 1.35 0.00	34.13 1.50 0.00	41.41 2.01 0.00	52.78 2.47 0.00	63.54 3.93 0.00	58.02 2.92 0.00	45.83 2.39 0.00	40.93 2.17 0.00	34.09 1.78 0.00	30.44 1.56 0.00
NEG CAPITAL___MECHNVIL 23645	32.01 1.55 0.00	30.76 1.55 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.25 1.45 0.00	33.63 1.48 0.00	54.27 2.39 0.00	68.32 3.68 0.00	56.13 2.31 0.00	41.12 1.43 0.00	34.93 1.11 0.00	32.23 0.97 0.00	30.18 0.96 0.00	29.63 0.86 0.00	30.19 0.94 0.00	33.80 1.17 0.00	41.33 1.93 0.00	52.93 2.61 0.00	63.30 3.70 0.00	58.02 2.92 0.00	45.61 2.17 0.00	40.74 1.98 0.00	33.99 1.68 0.00	30.49 1.62 0.00

NEG CENTRAL_HIGH_ACRES 23767	29.06 -1.40 0.00	27.79 -1.43 0.00	26.06 -1.26 0.00	25.46 -1.34 0.00	26.53 -1.28 0.00	30.83 -1.32 0.00	49.55 -2.33 0.00	62.90 -1.74 0.00	50.91 -2.91 0.00	38.11 -1.59 0.00	32.33 -1.49 0.00	29.95 -1.31 0.00	27.93 -1.29 0.00	27.53 -1.24 0.00	27.79 -1.46 0.00	30.87 -1.76 0.00	37.51 -1.89 0.00	47.60 -2.72 0.00	57.10 -2.50 0.00	52.20 -2.87 0.04	41.05 -2.39 0.00	36.59 -2.17 0.00	30.50 -1.81 0.00	27.26 -1.62 0.00
NEG CENTRAL___DRP 24199	30.29 -0.40 -0.23	28.82 -0.47 -0.07	26.93 -0.38 0.00	26.37 -0.43 0.00	27.45 -0.36 0.00	32.45 -0.23 -0.53	53.88 -0.36 -2.36	67.47 0.45 -2.38	52.63 -1.18 0.00	39.26 -0.44 0.00	33.24 -0.57 0.00	30.85 -0.41 0.00	28.69 -0.53 0.00	28.25 -0.52 0.00	28.58 -0.67 0.00	31.78 -0.85 0.00	38.85 -0.55 0.00	49.97 -0.91 -0.56	60.32 -0.42 -1.13	55.15 -0.94 -0.99	43.09 -0.87 -0.52	37.98 -0.78 0.00	31.70 -0.61 0.00	28.34 -0.58 -0.04
NEG CENTRAL___INDECK 23768	30.52 0.06 0.00	29.13 -0.09 0.00	27.34 0.03 0.00	26.69 -0.11 0.00	27.89 0.08 0.00	32.51 0.35 0.00	52.46 0.57 0.00	67.03 2.39 0.00	53.87 0.05 0.00	40.25 0.56 0.00	33.95 0.14 0.00	31.39 0.13 0.00	29.10 -0.12 0.00	28.76 0.00 0.00	29.02 -0.24 0.00	32.24 -0.39 0.00	39.13 -0.27 0.00	49.81 -0.50 0.00	60.20 0.60 0.00	54.79 -0.27 0.03	42.96 -0.48 0.00	38.22 -0.54 0.00	31.86 -0.45 0.00	28.47 -0.40 0.00
NEG CENTRAL___SENECA 23627	30.34 -0.24 -0.12	28.90 -0.35 -0.04	27.07 -0.25 0.00	26.48 -0.32 0.00	27.58 -0.22 0.00	32.43 0.00 -0.28	52.94 -0.16 -1.22	66.77 0.90 -1.22	53.01 -0.81 0.00	39.66 -0.04 0.00	33.55 -0.27 0.00	31.14 -0.13 0.00	28.96 -0.26 0.00	28.51 -0.26 0.00	28.79 -0.47 0.00	31.98 -0.65 0.00	38.97 -0.43 0.00	49.75 -0.86 -0.29	59.95 -0.24 -0.58	54.65 -0.94 -0.49	42.84 -0.87 -0.27	38.02 -0.74 0.00	31.73 -0.58 0.00	28.38 -0.52 -0.02
NEG CENTRAL___STATE_STREET 24147	30.32 -0.46 -0.32	28.82 -0.50 -0.10	26.90 -0.41 0.00	26.34 -0.46 0.00	27.39 -0.42 0.00	32.57 -0.32 -0.73	54.80 -0.42 -3.33	68.19 0.19 -3.36	52.53 -1.29 0.00	39.02 -0.67 0.00	33.11 -0.71 0.00	30.70 -0.56 0.00	28.58 -0.64 0.00	28.13 -0.63 0.00	28.49 -0.76 0.00	31.72 -0.91 0.00	38.89 -0.51 0.00	50.45 -0.65 -0.79	60.91 -0.30 -1.60	55.85 -0.66 -1.41	43.57 -0.61 -0.74	38.14 -0.62 0.00	31.76 -0.55 0.00	28.41 -0.52 -0.05
NEG MILLWOOD___DRP 24198	32.07 1.61 0.00	30.74 1.52 0.00	28.68 1.37 0.00	28.14 1.34 0.00	29.22 1.42 0.00	33.70 1.54 0.00	54.43 2.54 0.00	68.58 3.94 0.00	56.51 2.69 0.00	41.52 1.83 0.00	35.51 1.69 0.00	32.73 1.47 0.00	30.68 1.46 0.00	30.26 1.50 0.00	30.89 1.64 0.00	34.46 1.83 0.00	41.81 2.40 0.00	53.13 2.82 0.00	64.13 4.53 0.00	58.52 3.42 0.00	46.22 2.78 0.00	41.24 2.48 0.00	34.35 2.04 0.00	30.64 1.76 0.00
NEG NORTH_FLCN_SEA 23793	31.25 0.79 0.00	30.12 0.91 0.00	28.16 0.85 0.00	27.74 0.94 0.00	28.72 0.92 0.00	33.41 1.25 0.00	54.01 2.13 0.00	65.55 0.90 0.00	55.92 2.10 0.00	41.52 1.83 0.00	35.10 1.29 0.00	32.39 1.13 0.00	30.24 1.02 0.00	29.71 0.95 0.00	30.16 0.91 0.00	33.61 0.98 0.00	40.78 1.38 0.00	51.82 1.51 0.00	59.72 0.12 0.00	56.31 1.21 0.00	44.26 0.83 0.00	39.65 0.89 0.00	33.44 1.13 0.00	29.95 1.07 0.00
NEG NORTH_KES_CHATEGAY 23792	30.98 0.52 0.00	29.80 0.58 0.00	27.89 0.57 0.00	27.44 0.64 0.00	28.42 0.61 0.00	32.99 0.84 0.00	53.70 1.82 0.00	65.22 0.58 0.00	55.54 1.72 0.00	40.93 1.23 0.00	34.66 0.85 0.00	31.98 0.72 0.00	29.86 0.64 0.00	29.31 0.55 0.00	29.78 0.53 0.00	33.22 0.59 0.00	40.31 0.91 0.00	51.57 1.26 0.00	59.60 0.00 0.00	56.15 1.05 0.00	44.18 0.74 0.00	39.30 0.54 0.00	32.77 0.45 0.00	29.31 0.43 0.00
NEG NORTH___ALICE_FALLS 23915	31.40 0.94 0.00	30.27 1.05 0.00	28.29 0.98 0.00	27.87 1.07 0.00	28.89 1.08 0.00	33.60 1.45 0.00	54.58 2.70 0.00	66.19 1.55 0.00	56.46 2.64 0.00	41.76 2.06 0.00	35.27 1.45 0.00	32.57 1.31 0.00	30.39 1.17 0.00	29.86 1.09 0.00	30.31 1.05 0.00	33.77 1.14 0.00	41.06 1.65 0.00	52.33 2.01 0.00	60.32 0.72 0.00	56.86 1.76 0.00	44.70 1.26 0.00	39.88 1.12 0.00	33.48 1.16 0.00	29.98 1.10 0.00
NEG NORTH___LWR_SARANAC 23913	31.40 0.94 0.00	30.27 1.05 0.00	28.29 0.98 0.00	27.87 1.07 0.00	28.89 1.08 0.00	33.60 1.45 0.00	54.58 2.70 0.00	66.19 1.55 0.00	56.46 2.64 0.00	41.76 2.06 0.00	35.27 1.45 0.00	32.57 1.31 0.00	30.39 1.17 0.00	29.86 1.09 0.00	30.31 1.05 0.00	33.77 1.14 0.00	41.06 1.65 0.00	52.33 2.01 0.00	60.32 0.72 0.00	56.86 1.76 0.00	44.70 1.26 0.00	39.88 1.12 0.00	33.48 1.16 0.00	29.98 1.10 0.00
NEG NORTH___PLATTSBURG 23628	31.40 0.95 0.00	30.27 1.05 0.00	28.29 0.98 0.00	27.87 1.07 0.00	28.89 1.08 0.00	33.60 1.45 0.00	54.58 2.70 0.00	66.19 1.55 0.00	56.46 2.64 0.00	41.24 1.55 0.00	35.27 1.45 0.00	32.57 1.31 0.00	30.39 1.17 0.00	29.86 1.09 0.00	30.31 1.05 0.00	33.77 1.14 0.00	41.13 1.73 0.00	52.33 2.01 0.00	60.32 0.72 0.00	56.92 1.82 0.00	44.70 1.26 0.00	39.88 1.12 0.00	33.48 1.16 0.00	29.98 1.10 0.00
NEG WEST_LEA_LOCKPORT 23791	29.15 -1.31 0.00	27.76 -1.46 0.00	26.11 -1.20 0.00	25.57 -1.23 0.00	26.58 -1.22 0.00	30.96 -1.19 0.00	49.29 -2.59 0.00	62.90 -1.75 0.00	50.59 -3.23 0.00	38.23 -1.47 0.00	32.60 -1.22 0.00	30.42 -0.84 0.00	28.31 -0.91 0.00	27.99 -0.78 0.00	28.03 -1.23 0.00	30.97 -1.66 0.00	37.08 -2.32 0.00	46.44 -3.87 0.00	56.09 -3.52 0.00	50.71 -4.35 0.04	39.92 -3.52 0.00	35.66 -3.10 0.00	29.99 -2.33 0.00	27.03 -1.85 0.00
NEG WEST___LANCASTR 23811	29.94 -0.52 0.00	28.43 -0.79 0.00	26.74 -0.57 0.00	26.13 -0.67 0.00	27.22 -0.58 0.00	31.74 -0.42 0.00	50.90 -0.99 0.00	64.58 -0.06 0.00	52.15 -1.67 0.00	39.30 -0.40 0.00	33.45 -0.37 0.00	31.14 -0.13 0.00	28.99 -0.23 0.00	28.71 -0.06 0.00	28.76 -0.50 0.00	31.75 -0.88 0.00	38.06 -1.34 0.00	47.90 -2.42 0.00	57.82 -1.79 0.00	51.76 -3.31 0.04	40.96 -2.48 0.00	36.59 -2.17 0.00	30.86 -1.45 0.00	27.93 -0.95 0.00
NEG_PENN_ALLEGHNY 23528	30.65 0.06 -0.13	29.23 -0.03 -0.04	27.34 0.03 0.00	26.75 -0.05 0.00	27.83 0.03 0.00	32.59 0.13 -0.31	53.53 0.31 -1.33	67.15 1.16 -1.34	53.71 -0.11 0.00	39.86 0.16 0.00	33.78 -0.03 0.00	31.29 0.03 0.00	29.19 -0.03 0.00	28.79 0.03 0.00	29.17 -0.09 0.00	32.44 -0.19 0.00	39.44 0.04 0.00	50.58 -0.05 -0.32	60.84 0.60 -0.64	55.60 -0.06 -0.55	43.65 -0.09 -0.30	38.61 -0.15 0.00	32.31 0.00 0.00	28.93 0.03 -0.02
NEG___GEN_MONROE 24207	29.61 -0.85 0.00	28.25 -0.96 0.00	26.49 -0.82 0.00	25.97 -0.83 0.00	27.03 -0.78 0.00	31.45 -0.71 0.00	50.38 -1.50 0.00	64.06 -0.58 0.00	51.72 -2.10 0.00	38.86 -0.83 0.00	33.01 -0.81 0.00	30.67 -0.59 0.00	28.55 -0.67 0.00	28.13 -0.63 0.00	28.29 -0.97 0.00	31.36 -1.27 0.00	37.87 -1.54 0.00	47.90 -2.42 0.00	57.64 -1.97 0.00	52.69 -2.37 0.04	41.40 -2.04 0.00	36.94 -1.82 0.00	30.86 -1.45 0.00	27.67 -1.21 0.00

NEPA__ENERGY 23901	30.03 -0.43 0.00	28.52 -0.70 0.00	26.79 -0.52 0.00	26.18 -0.62 0.00	27.28 -0.53 0.00	31.80 -0.35 0.00	50.95 -0.93 0.00	64.77 0.13 0.00	51.94 -1.88 0.00	39.06 -0.64 0.00	33.24 -0.57 0.00	30.95 -0.31 0.00	28.87 -0.35 0.00	28.53 -0.23 0.00	28.61 -0.64 0.00	31.59 -1.04 0.00	37.91 -1.50 0.00	47.75 -2.57 0.00	57.70 -1.91 0.00	51.98 -3.09 0.03	40.83 -2.61 0.00	36.43 -2.33 0.00	30.80 -1.52 0.00	27.78 -1.10 0.00
NEVERSink__HYD 23608	31.77 1.31 0.00	30.44 1.23 0.00	28.43 1.12 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.44 1.29 0.00	54.01 2.13 0.00	67.81 3.17 0.00	55.86 2.04 0.00	41.09 1.39 0.00	35.00 1.18 0.00	32.26 1.00 0.00	30.21 0.99 0.00	29.77 1.01 0.00	30.43 1.17 0.00	33.97 1.34 0.00	41.18 1.77 0.00	52.58 2.27 0.00	63.18 3.58 0.00	57.80 2.70 0.00	45.65 2.21 0.00	40.70 1.94 0.00	33.90 1.58 0.00	30.26 1.39 0.00
NEWKRMKL_115KV_TB1 55635	31.16 0.70 0.00	29.95 0.73 0.00	27.94 0.63 0.00	27.42 0.62 0.00	28.45 0.64 0.00	32.86 0.71 0.00	52.92 1.04 0.00	66.52 1.87 0.00	54.73 0.91 0.00	40.17 0.48 0.00	34.26 0.44 0.00	31.60 0.34 0.00	29.63 0.41 0.00	29.14 0.37 0.00	29.72 0.47 0.00	33.22 0.59 0.00	40.51 1.10 0.00	51.77 1.46 0.00	61.81 2.21 0.00	56.75 1.65 0.00	44.70 1.26 0.00	39.92 1.16 0.00	33.28 0.97 0.00	29.72 0.84 0.00
NEWTON__FALLS_HYD 23847	31.07 0.49 -0.12	29.78 0.53 -0.04	27.83 0.52 0.00	27.36 0.56 0.00	28.39 0.58 0.00	33.23 0.80 -0.27	57.84 4.20 -1.76	71.71 5.30 -1.77	57.75 3.93 0.00	41.64 1.95 0.00	34.97 1.15 0.00	32.29 1.03 0.00	30.10 0.88 0.00	29.45 0.69 0.00	29.84 0.59 0.00	33.32 0.69 0.00	40.94 1.54 0.00	53.40 2.67 -0.42	63.78 3.34 -0.84	59.04 3.20 -0.74	46.17 2.35 -0.39	40.08 1.32 0.00	33.09 0.78 0.00	29.57 0.66 -0.03
NGRID_A1_DSASP 323792	28.75 -1.71 0.00	27.38 -1.84 0.00	25.76 -1.56 0.00	25.11 -1.69 0.00	26.22 -1.58 0.00	30.45 -1.71 0.00	48.30 -3.58 0.00	61.73 -2.91 0.00	49.57 -4.25 0.00	37.55 -2.14 0.00	32.02 -1.79 0.00	29.73 -1.53 0.00	27.76 -1.46 0.00	27.53 -1.24 0.00	27.59 -1.67 0.00	30.48 -2.15 0.00	36.45 -2.96 0.00	45.58 -4.73 0.00	55.07 -4.53 0.00	49.83 -5.24 0.04	39.27 -4.17 0.00	35.04 -3.72 0.00	29.53 -2.78 0.00	26.66 -2.22 0.00
NGRID_A2_DSASP 323793	28.75 -1.71 0.00	27.38 -1.84 0.00	25.76 -1.56 0.00	25.11 -1.69 0.00	26.22 -1.58 0.00	30.45 -1.71 0.00	48.30 -3.58 0.00	61.73 -2.91 0.00	49.57 -4.25 0.00	37.55 -2.14 0.00	32.02 -1.79 0.00	29.73 -1.53 0.00	27.76 -1.46 0.00	27.53 -1.24 0.00	27.59 -1.67 0.00	30.48 -2.15 0.00	36.45 -2.96 0.00	45.58 -4.73 0.00	55.07 -4.53 0.00	49.83 -5.24 0.04	39.27 -4.17 0.00	35.04 -3.72 0.00	29.53 -2.78 0.00	26.66 -2.22 0.00
NGRID_A4_DSASP 323807	28.75 -1.71 0.00	27.38 -1.84 0.00	25.76 -1.56 0.00	25.11 -1.69 0.00	26.22 -1.58 0.00	30.45 -1.71 0.00	48.30 -3.58 0.00	61.73 -2.91 0.00	49.57 -4.25 0.00	37.55 -2.14 0.00	32.02 -1.79 0.00	29.73 -1.53 0.00	27.76 -1.46 0.00	27.53 -1.24 0.00	27.59 -1.67 0.00	30.48 -2.15 0.00	36.45 -2.96 0.00	45.58 -4.73 0.00	55.07 -4.53 0.00	49.83 -5.24 0.04	39.27 -4.17 0.00	35.04 -3.72 0.00	29.53 -2.78 0.00	26.66 -2.22 0.00
NIAGARA_115E_LBMP 323715	28.66 -1.80 0.00	27.26 -1.96 0.00	25.64 -1.67 0.00	25.03 -1.77 0.00	26.11 -1.70 0.00	30.35 -1.80 0.00	48.20 -3.68 0.00	61.60 -3.04 0.00	49.46 -4.36 0.00	37.48 -2.22 0.00	31.96 -1.86 0.00	29.63 -1.63 0.00	27.67 -1.55 0.00	27.44 -1.32 0.00	27.50 -1.75 0.00	30.38 -2.25 0.00	36.33 -3.07 0.00	45.48 -4.83 0.00	54.95 -4.65 0.00	49.72 -5.34 0.04	39.18 -4.26 0.00	34.96 -3.80 0.00	29.44 -2.88 0.00	26.54 -2.34 0.00
NIAGARA_115W_LBMP 323714	28.69 -1.77 0.00	27.32 -1.90 0.00	25.70 -1.61 0.00	25.06 -1.74 0.00	26.17 -1.64 0.00	30.39 -1.77 0.00	48.20 -3.68 0.00	61.54 -3.10 0.00	49.46 -4.36 0.00	37.48 -2.22 0.00	31.96 -1.86 0.00	29.67 -1.59 0.00	27.70 -1.52 0.00	27.47 -1.29 0.00	27.50 -1.75 0.00	30.41 -2.22 0.00	36.37 -3.03 0.00	45.48 -4.83 0.00	54.95 -4.65 0.00	49.77 -5.29 0.04	39.23 -4.21 0.00	35.00 -3.76 0.00	29.47 -2.84 0.00	26.60 -2.28 0.00
NIAGARA_230_LBMP 323716	28.94 -1.52 0.00	27.55 -1.66 0.00	25.89 -1.42 0.00	25.27 -1.53 0.00	26.36 -1.45 0.00	30.64 -1.51 0.00	48.67 -3.22 0.00	62.12 -2.52 0.00	49.89 -3.93 0.00	37.79 -1.90 0.00	32.19 -1.62 0.00	29.89 -1.37 0.00	27.91 -1.31 0.00	27.67 -1.09 0.00	27.73 -1.52 0.00	30.67 -1.96 0.00	36.72 -2.68 0.00	45.99 -4.33 0.00	55.55 -4.06 0.00	50.27 -4.79 0.04	39.62 -3.82 0.00	35.35 -3.41 0.00	29.76 -2.55 0.00	26.86 -2.02 0.00
NIAGARA__115KV_198_GIBSON 55903	28.69 -1.77 0.00	27.32 -1.90 0.00	25.70 -1.61 0.00	25.17 -1.63 0.00	26.17 -1.64 0.00	30.42 -1.74 0.00	48.30 -3.58 0.00	61.54 -3.10 0.00	49.51 -4.31 0.00	37.43 -2.26 0.00	31.96 -1.86 0.00	29.85 -1.41 0.00	27.79 -1.43 0.00	27.47 -1.29 0.00	27.50 -1.76 0.00	30.41 -2.22 0.00	36.37 -3.03 0.00	45.48 -4.83 0.00	54.89 -4.71 0.00	49.72 -5.34 0.04	39.18 -4.26 0.00	35.00 -3.76 0.00	29.47 -2.84 0.00	26.60 -2.28 0.00
NIAGARA____ 23760	28.94 -1.52 0.00	27.55 -1.66 0.00	25.89 -1.42 0.00	25.27 -1.53 0.00	26.36 -1.45 0.00	30.64 -1.51 0.00	48.67 -3.22 0.00	62.12 -2.52 0.00	49.89 -3.93 0.00	37.79 -1.90 0.00	32.19 -1.62 0.00	29.89 -1.37 0.00	27.91 -1.31 0.00	27.67 -1.09 0.00	27.73 -1.52 0.00	30.67 -1.96 0.00	36.72 -2.68 0.00	45.99 -4.33 0.00	55.55 -4.06 0.00	50.27 -4.79 0.04	39.62 -3.82 0.00	35.35 -3.41 0.00	29.76 -2.55 0.00	26.86 -2.02 0.00
NINE_MILE_1 23575	27.31 -1.16 1.99	27.49 -1.11 0.62	26.30 -1.01 0.00	25.78 -1.02 0.00	26.78 -1.03 0.00	26.45 -1.16 4.55	30.20 -1.82 19.87	42.76 -1.88 20.01	50.86 -2.96 0.00	37.75 -1.94 0.00	32.09 -1.72 0.00	29.70 -1.56 0.00	27.70 -1.52 0.00	27.30 -1.47 0.00	27.70 -1.55 0.00	30.87 -1.76 0.00	37.95 -1.46 0.00	43.69 -1.91 4.71	48.09 -1.97 9.55	44.31 -2.09 8.70	37.40 -1.65 4.39	37.25 -1.51 0.00	31.05 -1.26 0.00	27.45 -1.13 0.30
NINE_MILE_2 23744	27.28 -1.16 2.02	27.48 -1.11 0.63	26.30 -1.01 0.00	25.78 -1.02 0.00	26.78 -1.03 0.00	26.38 -1.16 4.62	29.90 -1.82 20.17	42.46 -1.88 20.31	50.86 -2.96 0.00	37.75 -1.94 0.00	32.09 -1.72 0.00	29.70 -1.56 0.00	27.70 -1.52 0.00	27.30 -1.47 0.00	27.70 -1.55 0.00	30.87 -1.76 0.00	37.95 -1.46 0.00	43.62 -1.91 4.78	47.95 -1.97 9.69	44.18 -2.09 8.83	37.33 -1.65 4.46	37.25 -1.51 0.00	31.05 -1.26 0.00	27.44 -1.13 0.31
NM_CAPITAL__DRP 24208	31.25 0.79 0.00	30.01 0.79 0.00	28.02 0.71 0.00	27.50 0.70 0.00	28.53 0.72 0.00	32.93 0.77 0.00	53.02 1.14 0.00	66.64 2.00 0.00	54.84 1.02 0.00	40.25 0.56 0.00	34.32 0.51 0.00	31.70 0.44 0.00	29.69 0.47 0.00	29.22 0.46 0.00	29.78 0.53 0.00	33.28 0.65 0.00	40.59 1.18 0.00	51.87 1.56 0.00	61.99 2.38 0.00	56.86 1.76 0.00	44.83 1.39 0.00	40.04 1.28 0.00	33.38 1.07 0.00	29.80 0.92 0.00

NM_CENTRAL___DRP 24181	30.05 -0.61 -0.20	28.66 -0.61 -0.06	26.77 -0.55 0.00	26.24 -0.56 0.00	27.25 -0.56 0.00	32.05 -0.55 -0.45	53.02 -0.88 -2.02	66.22 -0.45 -2.03	52.10 -1.72 0.00	38.63 -1.07 0.00	32.84 -0.98 0.00	30.45 -0.81 0.00	28.37 -0.85 0.00	27.93 -0.83 0.00	28.32 -0.94 0.00	31.55 -1.08 0.00	38.65 -0.75 0.00	49.79 -1.01 -0.48	59.80 -0.77 -0.97	54.83 -1.10 -0.84	42.97 -0.91 -0.45	37.95 -0.81 0.00	31.64 -0.68 0.00	28.27 -0.64 -0.03
NM_FRONTIER___DRP 24179	28.69 -1.77 0.00	27.32 -1.90 0.00	25.70 -1.61 0.00	25.17 -1.63 0.00	26.17 -1.64 0.00	30.42 -1.74 0.00	48.30 -3.58 0.00	61.54 -3.10 0.00	49.51 -4.31 0.00	37.43 -2.26 0.00	31.96 -1.86 0.00	29.85 -1.41 0.00	27.79 -1.43 0.00	27.47 -1.29 0.00	27.50 -1.76 0.00	30.41 -2.22 0.00	36.37 -3.03 0.00	45.48 -4.83 0.00	54.89 -4.71 0.00	49.72 -5.34 0.04	39.18 -4.26 0.00	35.00 -3.76 0.00	29.47 -2.84 0.00	26.60 -2.28 0.00
NM_ST_REGIS___HYD 24053	31.19 0.67 -0.06	29.99 0.76 -0.02	28.02 0.71 0.00	27.58 0.78 0.00	28.59 0.78 0.00	33.31 1.03 -0.13	58.18 5.03 -1.27	71.47 5.56 -1.27	58.66 4.84 0.00	42.36 2.66 0.00	35.54 1.72 0.00	32.79 1.53 0.00	30.56 1.34 0.00	29.92 1.15 0.00	30.28 1.02 0.00	33.80 1.17 0.00	41.45 2.05 0.00	53.93 3.32 -0.30	63.67 3.46 -0.61	59.44 3.80 -0.54	46.50 2.78 -0.28	40.58 1.82 0.00	33.57 1.26 0.00	29.97 1.07 -0.02
NORTHPORT___1 23551	32.44 1.98 0.00	30.85 1.64 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.28 1.47 0.00	33.79 1.64 0.00	47.33 0.16 4.71	57.11 1.03 8.56	46.75 0.16 7.23	37.04 0.08 2.74	35.34 1.52 0.00	33.14 1.88 0.00	30.77 1.55 0.00	30.49 1.73 0.00	31.18 1.93 0.00	34.83 2.19 -0.01	40.98 1.58 0.00	52.12 1.81 0.00	62.88 3.28 0.00	57.47 2.37 0.00	45.57 2.13 0.00	41.09 2.33 0.00	34.51 2.20 0.00	31.34 2.45 -0.01
NORTHPORT___2 23552	32.44 1.98 0.00	30.85 1.64 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.28 1.47 0.00	33.79 1.64 0.00	47.33 0.16 4.71	57.11 1.03 8.56	46.75 0.16 7.23	37.04 0.08 2.74	35.34 1.52 0.00	33.14 1.88 0.00	30.77 1.55 0.00	30.49 1.73 0.00	31.18 1.93 0.00	34.83 2.19 0.00	40.98 1.58 0.00	52.12 1.81 0.00	62.88 3.28 0.00	57.47 2.37 0.00	45.57 2.13 0.00	41.09 2.33 0.00	34.51 2.20 0.00	31.34 2.45 -0.01
NORTHPORT___3 23553	32.22 1.77 0.00	30.68 1.46 0.00	28.57 1.26 0.00	28.06 1.26 0.00	29.14 1.33 0.00	33.50 1.35 0.00	46.94 -0.21 4.73	56.62 0.58 8.60	46.40 -0.16 7.26	36.83 -0.12 2.75	35.30 1.49 0.00	33.01 1.75 0.00	30.71 1.49 0.00	30.40 1.64 0.00	31.10 1.84 0.00	34.70 2.06 -0.01	40.50 1.10 0.00	51.52 1.21 0.00	62.11 2.50 0.00	56.81 1.71 0.00	44.96 1.52 0.00	40.54 1.78 0.00	34.32 2.00 0.00	31.02 2.14 -0.01
NORTHPORT___4 23650	32.22 1.77 0.00	30.68 1.46 0.00	28.57 1.26 0.00	28.06 1.26 0.00	29.14 1.33 0.00	33.50 1.35 0.00	46.94 -0.21 4.73	56.62 0.58 8.60	46.40 -0.16 7.26	36.83 -0.12 2.75	35.30 1.49 0.00	33.01 1.75 0.00	30.71 1.49 0.00	30.40 1.64 0.00	31.10 1.84 0.00	34.70 2.06 -0.01	40.50 1.10 0.00	51.52 1.21 0.00	62.11 2.50 0.00	56.81 1.71 0.00	44.96 1.52 0.00	40.54 1.78 0.00	34.32 2.00 0.00	31.02 2.14 -0.01
NORTHPORT___IC 23718	32.44 1.98 0.00	30.85 1.64 0.00	28.70 1.39 0.00	28.14 1.34 0.00	29.28 1.47 0.00	33.67 1.51 0.00	47.33 0.16 4.71	57.12 1.03 8.56	46.81 0.22 7.23	36.96 0.00 2.74	35.47 1.66 0.00	32.92 1.66 0.00	30.74 1.52 0.00	30.46 1.70 0.00	31.19 1.93 0.00	34.92 2.28 -0.01	41.10 1.69 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.69 2.59 0.00	45.74 2.30 0.00	41.12 2.36 0.00	34.51 2.20 0.00	31.39 2.51 0.00
NORTH___COUNTRY_ESR 323785	30.89 0.43 0.00	29.71 0.50 0.00	27.80 0.49 0.00	27.36 0.56 0.00	28.33 0.53 0.00	32.86 0.71 0.00	53.49 1.61 0.00	65.03 0.39 0.00	55.32 1.50 0.00	40.57 0.87 0.00	34.56 0.74 0.00	31.92 0.66 0.00	29.77 0.55 0.00	29.25 0.49 0.00	29.72 0.47 0.00	33.15 0.52 0.00	40.27 0.87 0.00	51.42 1.11 0.00	59.43 -0.18 0.00	55.98 0.88 0.00	44.00 0.56 0.00	39.19 0.43 0.00	32.70 0.39 0.00	29.23 0.35 0.00
NPX_GEN_1385_PROXY 323591	33.05 2.59 0.00	31.35 2.13 0.00	29.06 1.75 0.00	28.52 1.72 0.00	29.70 1.89 0.00	34.63 2.48 0.00	48.00 0.83 4.71	58.15 2.07 8.56	47.40 0.81 7.23	37.04 0.08 2.74	35.07 1.25 0.00	33.01 1.75 0.00	30.65 1.43 0.00	30.37 1.61 0.00	31.10 1.84 0.00	34.83 2.19 -0.01	42.78 2.72 -0.66	57.65 3.27 -4.07	64.37 4.77 0.00	58.29 3.19 0.00	47.00 3.39 -0.17	42.21 3.45 0.00	34.90 2.59 0.00	31.77 2.89 -0.01
NPX_GEN_CSC 323557	32.50 2.04 0.00	30.85 1.64 0.00	28.76 1.45 0.00	28.22 1.42 0.00	29.33 1.53 0.00	33.89 1.74 0.00	47.87 0.62 4.63	57.71 1.49 8.42	47.25 0.54 7.11	37.36 0.36 2.69	35.54 1.72 0.00	33.39 2.13 0.00	30.94 1.72 0.00	30.69 1.93 0.00	31.45 2.20 0.00	35.19 2.55 -0.01	41.18 1.77 0.00	52.53 2.21 0.00	63.48 3.87 0.00	58.46 3.36 0.00	46.22 2.78 0.00	41.67 2.91 0.00	34.74 2.42 0.00	31.60 2.71 -0.01
NSINS_S___GLNS_FALLS 23858	32.41 1.95 0.00	31.17 1.96 0.00	29.06 1.75 0.00	28.52 1.72 0.00	29.64 1.84 0.00	33.60 1.45 0.00	54.32 2.44 0.00	68.52 3.88 0.00	56.29 2.48 0.00	41.09 1.39 0.00	34.76 0.95 0.00	32.07 0.81 0.00	30.07 0.85 0.00	29.40 0.63 0.00	29.96 0.70 0.00	33.54 0.91 0.00	41.06 1.65 0.00	52.68 2.36 0.00	62.94 3.34 0.00	57.80 2.70 0.00	45.26 1.82 0.00	40.39 1.63 0.00	33.86 1.55 0.00	30.81 1.93 0.00
NUCOR_STEEL___DRP 24197	30.37 -0.43 -0.34	28.88 -0.44 -0.11	26.96 -0.36 0.00	26.40 -0.40 0.00	27.45 -0.36 0.00	32.64 -0.29 -0.78	55.00 -0.42 -3.53	68.33 0.13 -3.56	52.47 -1.35 0.00	38.98 -0.71 0.00	33.07 -0.74 0.00	30.67 -0.59 0.00	28.55 -0.67 0.00	28.10 -0.66 0.00	28.46 -0.79 0.00	31.72 -0.91 0.00	38.89 -0.51 0.00	50.45 -0.70 -0.84	60.94 -0.36 -1.70	55.88 -0.72 -1.50	43.61 -0.61 -0.78	38.14 -0.62 0.00	31.80 -0.52 0.00	28.41 -0.52 -0.05
NUMBER_THREE_WT_PWR 323818	31.15 0.55 -0.14	29.81 0.55 -0.04	27.83 0.52 0.00	27.34 0.54 0.00	28.42 0.61 0.00	33.31 0.83 -0.32	56.62 3.06 -1.67	70.59 4.27 -1.68	56.56 2.74 0.00	40.97 1.27 0.00	34.53 0.71 0.00	31.92 0.66 0.00	29.75 0.53 0.00	29.17 0.40 0.00	29.58 0.32 0.00	33.02 0.39 0.00	40.50 1.10 0.00	52.67 1.96 -0.40	63.21 2.80 -0.80	58.23 2.42 -0.71	45.59 1.78 -0.37	39.49 0.73 0.00	32.57 0.26 0.00	29.11 0.20 -0.03
NYISO_LBMP_REFERENCE 24008	30.46 0.00 0.00	29.22 0.00 0.00	27.31 0.00 0.00	26.80 0.00 0.00	27.81 0.00 0.00	32.15 0.00 0.00	51.88 0.00 0.00	64.64 0.00 0.00	53.82 0.00 0.00	39.70 0.00 0.00	33.82 0.00 0.00	31.26 0.00 0.00	29.22 0.00 0.00	28.76 0.00 0.00	29.25 0.00 0.00	32.63 0.00 0.00	39.40 0.00 0.00	50.31 0.00 0.00	59.60 0.00 0.00	55.10 0.00 0.00	43.44 0.00 0.00	38.76 0.00 0.00	32.31 0.00 0.00	28.88 0.00 0.00

NYPA_BRENTWD____GT 24164	32.65	31.03	28.90	28.35	29.47	34.02	48.11	58.17	47.64	37.57	35.68	33.45	31.03	30.75	31.48	35.15	41.37	52.73	63.66	58.24	46.09	41.59	34.77	31.57
	2.19	1.81	1.58	1.55	1.67	1.86	0.78	1.81	0.81	0.51	1.86	2.19	1.81	1.98	2.22	2.51	1.97	2.41	4.06	3.14	2.65	2.83	2.45	2.69
	0.00	0.00	0.00	0.00	0.00	0.00	4.55	8.28	6.99	2.65	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA_GOWANUS____GT5 24156	32.17	30.80	28.71	28.17	29.14	33.31	53.12	67.09	55.22	40.89	35.37	32.76	30.71	30.35	30.95	34.42	41.45	52.43	63.06	57.52	45.52	40.93	34.35	30.78
	1.70	1.58	1.39	1.37	1.33	1.16	1.24	2.46	1.40	1.19	1.56	1.50	1.49	1.58	1.70	1.79	2.05	2.11	3.46	2.42	2.08	2.17	2.04	1.91
	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	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
NYPA_GOWANUS____GT6 24157	32.17	30.80	28.71	28.17	29.14	33.31	53.12	67.09	55.22	40.89	35.37	32.76	30.71	30.35	30.95	34.42	41.45	52.43	63.06	57.52	45.52	40.93	34.35	30.78
	1.70	1.58	1.39	1.37	1.33	1.16	1.24	2.46	1.40	1.19	1.56	1.50	1.49	1.58	1.70	1.79	2.05	2.11	3.46	2.42	2.08	2.17	2.04	1.91
	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	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
NYPA_HARLEM__RVR__GT1 24160	31.96	30.63	28.55	28.04	29.06	33.01	52.86	66.64	54.83	40.60	35.06	32.47	30.47	30.08	30.68	34.09	41.13	51.96	62.52	57.02	45.12	40.54	34.03	30.74
	1.49	1.40	1.23	1.23	1.25	0.87	0.98	2.01	1.02	0.91	1.25	1.22	1.26	1.32	1.43	1.47	1.73	1.66	2.92	1.93	1.69	1.78	1.71	1.85
	-0.01	-0.01	-0.01	-0.01	0.00	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01
NYPA_HARLEM__RVR__GT2 24161	31.96	30.63	28.55	28.04	29.06	33.01	52.86	66.64	54.83	40.60	35.06	32.47	30.47	30.08	30.68	34.09	41.13	51.96	62.52	57.02	45.12	40.54	34.03	30.74
	1.49	1.40	1.23	1.23	1.25	0.87	0.98	2.01	1.02	0.91	1.25	1.22	1.26	1.32	1.43	1.47	1.73	1.66	2.92	1.93	1.69	1.78	1.71	1.85
	-0.01	-0.01	-0.01	-0.01	0.00	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01
NYPA_KENT____GT 24152	32.11	30.74	28.66	28.12	29.11	33.25	53.17	67.15	55.27	40.89	35.34	32.73	30.68	30.29	30.89	34.36	41.41	52.38	63.00	57.52	45.48	40.89	34.29	30.70
	1.64	1.52	1.34	1.31	1.31	1.09	1.30	2.52	1.45	1.19	1.52	1.47	1.46	1.52	1.64	1.73	2.01	2.06	3.40	2.42	2.04	2.13	1.97	1.82
	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	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
NYPA_POUCH1____GT 24155	32.29	30.89	28.79	28.23	29.22	33.38	52.91	66.20	50.47	40.73	35.34	32.70	30.68	30.32	30.92	34.42	41.29	49.81	61.08	55.74	45.30	40.85	34.45	30.87
	1.83	1.66	1.47	1.42	1.42	1.22	1.04	2.13	1.13	1.03	1.52	1.44	1.46	1.55	1.67	1.79	1.89	1.86	3.16	2.21	1.87	2.09	2.13	1.99
	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.57	4.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.37	1.68	1.56	0.01	0.00	0.00	0.00
NYPA_VERNON____GT2 24162	32.02	30.68	28.60	28.07	29.06	33.18	53.22	67.22	55.32	40.93	35.30	32.67	30.62	30.26	30.86	34.33	41.41	52.43	63.00	57.52	45.48	40.81	34.19	30.64
	1.55	1.46	1.28	1.26	1.25	1.03	1.35	2.59	1.50	1.23	1.49	1.41	1.40	1.49	1.61	1.70	2.01	2.11	3.40	2.42	2.04	2.05	1.87	1.76
	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	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
NYPA_VERNON____GT3 24163	32.02	30.68	28.60	28.07	29.06	33.18	53.22	67.22	55.32	40.93	35.30	32.67	30.62	30.26	30.86	34.33	41.41	52.43	63.00	57.52	45.48	40.81	34.19	30.64
	1.55	1.46	1.28	1.26	1.25	1.03	1.35	2.59	1.50	1.23	1.49	1.41	1.40	1.49	1.61	1.70	2.01	2.11	3.40	2.42	2.04	2.05	1.87	1.76
	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	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
NYPA__ASTORIA_CC1 323568	32.02	30.66	28.58	28.07	29.03	33.15	53.12	67.09	55.16	40.85	35.24	32.63	30.59	30.23	30.80	34.26	41.33	52.33	62.88	57.41	45.40	40.74	34.15	30.64
	1.55	1.43	1.26	1.26	1.22	1.00	1.24	2.46	1.35	1.15	1.42	1.37	1.37	1.47	1.55	1.63	1.93	2.01	3.28	2.31	1.96	1.98	1.84	1.76
	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	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
NYPA__ASTORIA_CC2 323569	32.02	30.66	28.58	28.07	29.03	33.15	53.12	67.09	55.16	40.85	35.24	32.63	30.59	30.23	30.80	34.26	41.33	52.33	62.88	57.41	45.40	40.74	34.15	30.64
	1.55	1.43	1.26	1.26	1.22	1.00	1.24	2.46	1.35	1.15	1.42	1.37	1.37	1.47	1.55	1.63	1.93	2.01	3.28	2.31	1.96	1.98	1.84	1.76
	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	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
NYPA__HOLTSVILL 23794	32.41	30.79	28.68	28.17	29.28	33.79	47.61	57.37	47.02	37.20	35.41	33.23	30.83	30.55	31.27	34.96	41.06	52.33	63.12	57.85	45.83	41.32	34.58	31.46
	1.95	1.58	1.37	1.37	1.47	1.64	0.37	1.16	0.32	0.20	1.59	1.97	1.61	1.78	2.02	2.32	1.65	2.01	3.52	2.75	2.39	2.56	2.26	2.57
	0.00	0.00	0.00	0.00	0.00	0.00	4.64	8.43	7.12	2.70	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA__HELLGATE_GT1 24158	31.96	30.63	28.55	28.04	29.06	33.02	52.91	66.70	54.89	40.64	35.06	32.47	30.47	30.08	30.68	34.09	41.13	52.07	62.63	57.13	45.21	40.54	34.03	30.74
	1.49	1.40	1.23	1.23	1.25	0.87	1.04	2.07	1.08	0.95	1.25	1.22	1.26	1.32	1.43	1.47	1.73	1.76	3.04	2.04	1.78	1.78	1.71	1.85
	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01
NYPA__HELLGATE_GT2 24159	31.96	30.63	28.55	28.04	29.06	33.02	52.91	66.70	54.89	40.64	35.06	32.47	30.47	30.08	30.68	34.09	41.13	52.07	62.63	57.13	45.21	40.54	34.03	30.74
	1.49	1.40	1.23	1.23	1.25	0.87	1.04	2.07	1.08	0.95	1.25	1.22	1.26	1.32	1.43	1.47	1.73	1.76	3.04	2.04	1.78	1.78	1.71	1.85
	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01
NYS_BARGE__HYD 23848	29.12	27.73	26.08	25.46	26.58	30.90	49.18	62.90	50.53	38.27	32.60	30.23	28.20	27.96	28.03	30.97	37.08	46.44	56.15	50.76	39.96	35.66	29.99	27.03
	-1.34	-1.49	-1.23	-1.34	-1.22	-1.25	-2.70	-1.74	-3.28	-1.43	-1.22	-1.03	-1.02	-0.81	-1.23	-1.66	-2.32	-3.87	-3.46	-4.30	-3.48	-3.10	-2.33	-1.85
	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	0.04	0.00	0.00	0.00	0.00

OAK ORCHARD___HYD 24046	29.55 -0.91 0.00	28.22 -0.99 0.00	26.46 -0.85 0.00	25.86 -0.94 0.00	26.97 -0.83 0.00	31.32 -0.84 0.00	50.27 -1.61 0.00	63.99 -0.65 0.00	51.66 -2.15 0.00	38.79 -0.91 0.00	32.94 -0.88 0.00	30.54 -0.72 0.00	28.49 -0.73 0.00	28.10 -0.66 0.00	28.32 -0.94 0.00	31.42 -1.21 0.00	38.06 -1.34 0.00	48.15 -2.16 0.00	57.87 -1.73 0.00	52.80 -2.26 0.04	41.53 -1.91 0.00	37.06 -1.70 0.00	30.93 -1.39 0.00	27.69 -1.19 0.00
OAKDALE___35_KV_LOAD 356122	30.59 0.00 -0.13	29.14 -0.12 -0.04	27.26 -0.05 0.00	26.69 -0.11 0.00	27.75 -0.06 0.00	32.48 0.03 -0.30	53.28 0.10 -1.30	66.79 0.84 -1.30	53.28 -0.54 0.00	39.54 -0.16 0.00	33.58 -0.24 0.00	31.10 -0.16 0.00	29.04 -0.18 0.00	28.59 -0.17 0.00	28.99 -0.26 0.00	32.24 -0.39 0.00	39.21 -0.20 0.00	50.27 -0.35 -0.31	60.40 0.18 -0.62	55.25 -0.39 -0.54	43.33 -0.39 -0.29	38.41 -0.35 0.00	32.12 -0.19 0.00	28.78 -0.12 -0.02
OCC_CHEM___DRP 24175	28.75 -1.71 0.00	27.38 -1.84 0.00	25.75 -1.56 0.00	25.22 -1.58 0.00	26.22 -1.58 0.00	30.48 -1.67 0.00	48.41 -3.48 0.00	61.73 -2.91 0.00	49.62 -4.20 0.00	37.55 -2.14 0.00	32.02 -1.79 0.00	29.92 -1.34 0.00	27.88 -1.34 0.00	27.56 -1.21 0.00	27.59 -1.67 0.00	30.48 -2.15 0.00	36.45 -2.96 0.00	45.58 -4.73 0.00	55.01 -4.59 0.00	49.83 -5.23 0.04	39.27 -4.17 0.00	35.04 -3.72 0.00	29.53 -2.78 0.00	26.66 -2.22 0.00
OH_GEN_PROXY 24063	28.97 -1.49 0.00	27.58 -1.64 0.00	25.92 -1.39 0.00	25.30 -1.50 0.00	26.39 -1.42 0.00	30.68 -1.48 0.00	48.77 -3.11 0.00	62.25 -2.39 0.00	50.05 -3.77 0.00	37.83 -1.87 0.00	32.26 -1.56 0.00	29.95 -1.31 0.00	27.96 -1.26 0.00	27.70 -1.06 0.00	27.79 -1.46 0.00	30.74 -1.89 0.00	36.80 -2.60 0.00	46.14 -4.18 0.00	55.73 -3.87 0.00	50.49 -4.57 0.04	39.75 -3.69 0.00	35.47 -3.29 0.00	29.86 -2.46 0.00	26.91 -1.96 0.00
OLIN_CORP_DRP 24177	28.72 -1.74 0.00	27.35 -1.87 0.00	25.70 -1.61 0.00	25.19 -1.61 0.00	26.19 -1.61 0.00	30.45 -1.70 0.00	48.41 -3.48 0.00	61.73 -2.91 0.00	49.62 -4.20 0.00	37.51 -2.18 0.00	32.02 -1.79 0.00	29.89 -1.38 0.00	27.82 -1.40 0.00	27.50 -1.27 0.00	27.56 -1.70 0.00	30.44 -2.19 0.00	36.41 -2.99 0.00	45.58 -4.73 0.00	55.07 -4.53 0.00	49.83 -5.23 0.04	39.23 -4.21 0.00	35.04 -3.72 0.00	29.50 -2.81 0.00	26.60 -2.28 0.00
OLIN_CORP_DSASP 323712	28.75 -1.71 0.00	27.38 -1.84 0.00	25.76 -1.56 0.00	25.11 -1.69 0.00	26.22 -1.58 0.00	30.45 -1.71 0.00	48.30 -3.58 0.00	61.73 -2.91 0.00	49.57 -4.25 0.00	37.55 -2.14 0.00	32.02 -1.79 0.00	29.73 -1.53 0.00	27.76 -1.46 0.00	27.53 -1.24 0.00	27.59 -1.67 0.00	30.48 -2.15 0.00	36.45 -2.96 0.00	45.58 -4.73 0.00	55.07 -4.53 0.00	49.83 -5.24 0.04	39.27 -4.17 0.00	35.04 -3.72 0.00	29.53 -2.78 0.00	26.66 -2.22 0.00
ONEIDA_HERK_LFGE 323681	31.11 0.58 -0.08	29.82 0.58 -0.02	27.86 0.55 0.00	27.36 0.56 0.00	28.42 0.61 0.00	33.14 0.80 -0.18	55.06 2.28 -0.90	68.90 3.36 -0.90	55.92 2.10 0.00	40.77 1.07 0.00	34.46 0.64 0.00	31.85 0.59 0.00	29.72 0.50 0.00	29.20 0.43 0.00	29.61 0.35 0.00	33.09 0.46 0.00	40.39 0.99 0.00	52.14 1.61 -0.21	62.36 2.32 -0.43	57.35 1.87 -0.38	45.03 1.39 -0.20	39.58 0.82 0.00	32.80 0.49 0.00	29.30 0.40 -0.01
ONEIDA___115KV_TB4 55905	31.17 0.61 -0.11	29.83 0.58 -0.03	27.89 0.57 0.00	27.34 0.54 0.00	28.42 0.61 0.00	33.20 0.80 -0.24	54.93 1.92 -1.13	68.82 3.04 -1.14	55.38 1.56 0.00	40.57 0.87 0.00	34.36 0.54 0.00	31.76 0.50 0.00	29.63 0.41 0.00	29.14 0.37 0.00	29.55 0.29 0.00	32.99 0.36 0.00	40.27 0.87 0.00	51.89 1.31 -0.27	62.17 2.03 -0.54	57.06 1.49 -0.47	44.77 1.09 -0.25	39.54 0.78 0.00	32.86 0.55 0.00	29.39 0.49 -0.02
ONONDAGA_REF_OCCRA 23987	30.20 -0.49 -0.23	28.79 -0.50 -0.07	26.87 -0.44 0.00	26.34 -0.46 0.00	27.36 -0.44 0.00	32.27 -0.42 -0.53	53.71 -0.57 -2.40	66.93 -0.13 -2.42	52.37 -1.45 0.00	38.82 -0.87 0.00	32.97 -0.85 0.00	30.57 -0.69 0.00	28.49 -0.73 0.00	28.05 -0.72 0.00	28.44 -0.82 0.00	31.68 -0.95 0.00	38.85 -0.55 0.00	50.13 -0.75 -0.57	60.28 -0.48 -1.15	55.33 -0.77 -1.00	43.32 -0.65 -0.53	38.14 -0.62 0.00	31.76 -0.55 0.00	28.40 -0.52 -0.04
ONONDAGA___COGEN 23986	30.33 -0.49 -0.36	28.83 -0.50 -0.11	26.87 -0.44 0.00	26.34 -0.46 0.00	27.36 -0.44 0.00	32.56 -0.42 -0.82	55.05 -0.57 -3.73	68.27 -0.13 -3.76	52.31 -1.51 0.00	38.78 -0.91 0.00	32.94 -0.88 0.00	30.51 -0.75 0.00	28.43 -0.79 0.00	27.99 -0.78 0.00	28.38 -0.88 0.00	31.62 -1.01 0.00	38.81 -0.59 0.00	50.39 -0.81 -0.88	60.86 -0.54 -1.79	55.85 -0.83 -1.58	43.57 -0.70 -0.83	38.10 -0.66 0.00	31.76 -0.55 0.00	28.39 -0.55 -0.06
ONTARIO___LFGE 23819	30.34 -0.24 -0.12	28.91 -0.35 -0.04	27.07 -0.25 0.00	26.45 -0.35 0.00	27.58 -0.22 0.00	32.40 -0.03 -0.28	52.94 -0.16 -1.22	66.77 0.90 -1.22	52.96 -0.86 0.00	39.66 -0.04 0.00	33.55 -0.27 0.00	31.07 -0.19 0.00	28.90 -0.32 0.00	28.48 -0.29 0.00	28.79 -0.47 0.00	31.98 -0.65 0.00	38.97 -0.43 0.00	49.75 -0.86 -0.29	59.95 -0.24 -0.58	54.71 -0.88 -0.49	42.84 -0.87 -0.27	38.02 -0.74 0.00	31.73 -0.58 0.00	28.38 -0.52 -0.02
ORANGEVILLE_WT_PWR 323706	29.76 -0.70 0.00	28.34 -0.88 0.00	26.63 -0.68 0.00	26.00 -0.80 0.00	27.14 -0.67 0.00	31.58 -0.58 0.00	50.53 -1.35 0.00	64.38 -0.26 0.00	51.83 -1.99 0.00	39.02 -0.68 0.00	33.17 -0.64 0.00	30.76 -0.50 0.00	28.69 -0.53 0.00	28.42 -0.34 0.00	28.55 -0.70 0.00	31.58 -1.05 0.00	37.95 -1.46 0.00	47.80 -2.51 0.00	57.46 -2.14 0.00	51.98 -3.08 0.03	40.83 -2.61 0.00	36.36 -2.40 0.00	30.54 -1.78 0.00	27.46 -1.41 0.00
ORANGEVILLE___ESR 323794	29.76 -0.70 0.00	28.34 -0.88 0.00	26.63 -0.68 0.00	26.00 -0.80 0.00	27.14 -0.67 0.00	31.58 -0.58 0.00	50.53 -1.35 0.00	64.38 -0.26 0.00	51.83 -1.99 0.00	39.02 -0.68 0.00	33.17 -0.64 0.00	30.76 -0.50 0.00	28.69 -0.53 0.00	28.42 -0.34 0.00	28.55 -0.70 0.00	31.58 -1.05 0.00	37.95 -1.46 0.00	47.80 -2.51 0.00	57.46 -2.14 0.00	51.98 -3.08 0.03	40.83 -2.61 0.00	36.36 -2.40 0.00	30.54 -1.78 0.00	27.46 -1.41 0.00
OSWEGATCHIE___HYD 24044	31.06 0.49 -0.12	29.78 0.53 -0.04	27.83 0.52 0.00	27.36 0.56 0.00	28.39 0.58 0.00	33.23 0.80 -0.27	57.84 4.20 -1.76	71.71 5.30 -1.77	57.75 3.93 0.00	41.56 1.87 0.00	34.97 1.15 0.00	32.29 1.03 0.00	30.07 0.85 0.00	29.45 0.69 0.00	29.84 0.58 0.00	33.32 0.69 0.00	40.94 1.54 0.00	53.39 2.66 -0.42	63.78 3.34 -0.84	59.09 3.25 -0.74	46.17 2.34 -0.39	40.08 1.32 0.00	33.09 0.77 0.00	29.57 0.66 -0.03
OSWEGO___5 23606	31.03 -0.91 -1.49	28.77 -0.91 -0.46	26.49 -0.82 0.00	25.97 -0.83 0.00	26.97 -0.83 0.00	34.65 -0.90 -3.40	65.29 -1.45 -14.86	78.25 -1.36 -14.97	51.24 -2.58 0.00	38.03 -1.67 0.00	32.30 -1.52 0.00	29.92 -1.34 0.00	27.91 -1.31 0.00	27.47 -1.29 0.00	27.88 -1.37 0.00	31.06 -1.57 0.00	38.22 -1.18 0.00	52.28 -1.56 -3.52	65.19 -1.55 -7.14	59.85 -1.65 -6.41	45.38 -1.35 -3.29	37.52 -1.24 0.00	31.28 -1.04 0.00	28.18 -0.93 -0.23

OSWEGO___6 23613	31.03 -0.91 -1.49	28.77 -0.91 -0.46	26.49 -0.82 0.00	25.97 -0.83 0.00	26.97 -0.83 0.00	34.65 -0.90 -3.40	65.29 -1.45 -14.86	78.25 -1.36 -14.97	51.24 -2.58 0.00	38.03 -1.67 0.00	32.30 -1.52 0.00	29.92 -1.34 0.00	27.91 -1.31 0.00	27.47 -1.29 0.00	27.88 -1.37 0.00	31.06 -1.57 0.00	38.22 -1.18 0.00	52.28 -1.56 -3.52	65.19 -1.55 -7.14	59.85 -1.65 -6.41	45.38 -1.35 -3.29	37.52 -1.24 0.00	31.28 -1.04 0.00	28.18 -0.93 -0.23
OUTOKUMPU-AB___DRP 24206	29.45 -1.01 0.00	28.02 -1.20 0.00	26.38 -0.93 0.00	25.84 -0.96 0.00	26.86 -0.95 0.00	31.29 -0.87 0.00	49.86 -2.02 0.00	63.61 -1.03 0.00	51.18 -2.64 0.00	38.67 -1.03 0.00	33.01 -0.81 0.00	30.76 -0.50 0.00	28.64 -0.58 0.00	28.33 -0.43 0.00	28.35 -0.91 0.00	31.32 -1.31 0.00	37.47 -1.93 0.00	46.89 -3.42 0.00	56.62 -2.98 0.00	51.15 -3.91 0.04	40.27 -3.17 0.00	35.97 -2.79 0.00	30.28 -2.04 0.00	27.26 -1.62 0.00
OXBOW___BTM 323836	29.15 -1.31 0.00	27.73 -1.49 0.00	26.11 -1.20 0.00	25.46 -1.34 0.00	26.58 -1.22 0.00	30.90 -1.25 0.00	49.13 -2.75 0.00	62.76 -1.88 0.00	50.43 -3.39 0.00	38.19 -1.51 0.00	32.60 -1.22 0.00	30.23 -1.03 0.00	28.20 -1.02 0.00	27.99 -0.78 0.00	28.03 -1.23 0.00	30.97 -1.66 0.00	37.04 -2.36 0.00	46.34 -3.98 0.00	55.97 -3.64 0.00	50.65 -4.41 0.04	39.88 -3.56 0.00	35.58 -3.18 0.00	29.96 -2.36 0.00	27.00 -1.88 0.00
OXBOW____ 24026	29.15 -1.31 0.00	27.73 -1.49 0.00	26.11 -1.20 0.00	25.57 -1.23 0.00	26.58 -1.22 0.00	30.93 -1.22 0.00	49.24 -2.65 0.00	62.77 -1.87 0.00	50.48 -3.34 0.00	38.19 -1.51 0.00	32.60 -1.22 0.00	30.42 -0.84 0.00	28.31 -0.91 0.00	28.02 -0.75 0.00	28.03 -1.23 0.00	30.97 -1.66 0.00	37.04 -2.36 0.00	46.34 -3.97 0.00	55.97 -3.64 0.00	50.60 -4.46 0.04	39.83 -3.61 0.00	35.58 -3.18 0.00	29.95 -2.36 0.00	27.00 -1.88 0.00
OXY_CHEM_DSASP 323612	28.75 -1.71 0.00	27.38 -1.84 0.00	25.75 -1.56 0.00	25.22 -1.58 0.00	26.22 -1.58 0.00	30.48 -1.67 0.00	48.41 -3.48 0.00	61.73 -2.91 0.00	49.62 -4.20 0.00	37.55 -2.14 0.00	32.02 -1.79 0.00	29.92 -1.34 0.00	27.88 -1.34 0.00	27.56 -1.21 0.00	27.59 -1.67 0.00	30.48 -2.15 0.00	36.45 -2.96 0.00	45.58 -4.73 0.00	55.01 -4.59 0.00	49.83 -5.23 0.04	39.27 -4.17 0.00	35.04 -3.72 0.00	29.53 -2.78 0.00	26.66 -2.22 0.00
OZONE_PARK_ESR 323760	32.07 1.61 0.00	30.71 1.49 0.00	28.62 1.31 0.00	28.09 1.29 0.00	29.11 1.31 0.00	33.38 1.22 0.00	53.86 1.97 0.00	68.13 3.49 0.00	55.97 2.15 0.00	41.29 1.59 0.00	35.54 1.72 0.00	32.86 1.59 0.00	30.77 1.55 0.00	30.43 1.67 0.00	31.04 1.78 0.00	34.55 1.93 0.00	41.77 2.36 0.00	53.03 2.72 0.00	63.84 4.23 0.00	58.35 3.25 0.00	46.09 2.65 0.00	41.20 2.44 0.00	34.38 2.07 0.00	30.70 1.82 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	28.75 -1.71 0.00	27.38 -1.84 0.00	25.75 -1.56 0.00	25.22 -1.58 0.00	26.22 -1.58 0.00	30.48 -1.67 0.00	48.41 -3.48 0.00	61.73 -2.91 0.00	49.62 -4.20 0.00	37.55 -2.14 0.00	32.02 -1.79 0.00	29.92 -1.34 0.00	27.88 -1.34 0.00	27.56 -1.21 0.00	27.59 -1.67 0.00	30.48 -2.15 0.00	36.45 -2.96 0.00	45.58 -4.73 0.00	55.01 -4.59 0.00	49.83 -5.23 0.04	39.27 -4.17 0.00	35.04 -3.72 0.00	29.53 -2.78 0.00	26.66 -2.22 0.00
PACKARD__115KV_DUPONT_184 80571	28.75 -1.71 0.00	27.38 -1.84 0.00	25.75 -1.56 0.00	25.22 -1.58 0.00	26.22 -1.58 0.00	30.48 -1.67 0.00	48.41 -3.48 0.00	61.73 -2.91 0.00	49.62 -4.20 0.00	37.55 -2.14 0.00	32.02 -1.79 0.00	29.92 -1.34 0.00	27.88 -1.34 0.00	27.56 -1.21 0.00	27.59 -1.67 0.00	30.48 -2.15 0.00	36.45 -2.96 0.00	45.58 -4.73 0.00	55.01 -4.59 0.00	49.83 -5.23 0.04	39.27 -4.17 0.00	35.04 -3.72 0.00	29.53 -2.78 0.00	26.66 -2.22 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.05 1.58 -0.01	30.71 1.49 -0.01	28.63 1.31 -0.01	28.09 1.29 -0.01	29.14 1.33 0.00	33.12 0.96 0.00	53.02 1.14 0.01	66.83 2.20 0.01	54.95 1.13 0.00	40.61 0.91 0.00	35.14 1.32 0.00	32.48 1.22 0.00	30.45 1.23 0.00	30.12 1.35 0.00	30.69 1.43 0.00	34.13 1.50 0.00	41.18 1.77 0.00	52.13 1.81 0.00	62.70 3.10 0.00	57.25 2.15 0.00	45.26 1.82 0.00	40.62 1.86 0.00	34.09 1.78 0.00	30.76 1.88 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.26 1.80 -0.01	30.92 1.69 -0.01	28.82 1.50 -0.01	28.28 1.47 -0.01	29.34 1.53 0.00	33.34 1.19 0.00	53.33 1.45 0.01	67.22 2.59 0.01	55.33 1.51 0.00	40.81 1.11 0.00	35.30 1.49 0.00	32.64 1.38 0.00	30.59 1.37 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.29 1.66 0.00	41.33 1.93 0.00	52.33 2.01 0.00	63.06 3.46 0.00	57.52 2.42 0.00	45.52 2.09 0.00	40.81 2.05 0.00	34.29 1.97 0.00	30.93 2.05 0.00
PATROON__115KV_TB1 80586	31.22 0.76 0.00	30.01 0.79 0.00	27.99 0.68 0.00	27.47 0.67 0.00	28.53 0.72 0.00	32.93 0.77 0.00	53.08 1.19 0.00	66.71 2.07 0.00	54.90 1.08 0.00	40.29 0.60 0.00	34.36 0.54 0.00	31.70 0.44 0.00	29.69 0.47 0.00	29.22 0.46 0.00	29.78 0.53 0.00	33.28 0.65 0.00	40.59 1.18 0.00	51.92 1.61 0.00	61.99 2.38 0.00	56.86 1.76 0.00	44.83 1.39 0.00	40.04 1.28 0.00	33.35 1.03 0.00	29.77 0.90 0.00
PATTRSNVILLE___SOLAR 323815	31.74 1.28 0.00	30.47 1.26 0.00	28.46 1.15 0.00	27.93 1.13 0.00	29.00 1.19 0.00	33.47 1.32 0.00	54.11 2.23 0.00	67.94 3.29 0.00	55.75 1.93 0.00	40.81 1.11 0.00	34.56 0.74 0.00	31.85 0.59 0.00	29.83 0.61 0.00	29.37 0.61 0.00	29.93 0.67 0.00	33.67 1.04 0.00	41.06 1.65 0.00	52.58 2.27 0.00	62.82 3.22 0.00	57.69 2.59 0.00	45.35 1.91 0.00	40.51 1.75 0.00	33.77 1.46 0.00	30.21 1.33 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.91 -0.55 0.00	28.43 -0.79 0.00	26.74 -0.57 0.00	26.13 -0.67 0.00	27.22 -0.58 0.00	31.74 -0.42 0.00	50.85 -1.04 0.00	64.64 0.00 0.00	52.15 -1.67 0.00	39.34 -0.36 0.00	33.51 -0.30 0.00	31.20 -0.06 0.00	29.04 -0.18 0.00	28.76 0.00 0.00	28.79 -0.47 0.00	31.78 -0.85 0.00	38.10 -1.30 0.00	47.90 -2.42 0.00	57.82 -1.79 0.00	51.87 -3.20 0.04	40.96 -2.48 0.00	36.55 -2.21 0.00	30.83 -1.49 0.00	27.84 -1.04 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.07 1.61 0.00	30.74 1.52 0.00	28.68 1.37 0.00	28.14 1.34 0.00	29.22 1.42 0.00	33.70 1.54 0.00	54.43 2.54 0.00	68.58 3.94 0.00	56.51 2.69 0.00	41.52 1.83 0.00	35.51 1.69 0.00	32.73 1.47 0.00	30.68 1.46 0.00	30.26 1.50 0.00	30.89 1.64 0.00	34.46 1.83 0.00	41.81 2.40 0.00	53.13 2.82 0.00	64.13 4.53 0.00	58.52 3.42 0.00	46.22 2.78 0.00	41.24 2.48 0.00	34.35 2.04 0.00	30.64 1.76 0.00
PEEKSKILL____ 23653	31.74 1.28 0.00	30.39 1.17 0.00	28.35 1.04 0.00	27.82 1.02 0.00	28.84 1.03 0.00	33.18 1.03 0.00	53.49 1.61 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.85 1.15 0.00	35.07 1.25 0.00	32.42 1.16 0.00	30.36 1.14 0.00	29.97 1.21 0.00	30.57 1.32 0.00	34.06 1.43 0.00	41.22 1.81 0.00	52.43 2.11 0.00	63.06 3.46 0.00	57.64 2.54 0.00	45.52 2.08 0.00	40.70 1.94 0.00	33.96 1.65 0.00	30.35 1.47 0.00

PGE MADISON___WINDPWR 24146	32.60 2.01 -0.13	31.24 1.99 -0.04	29.22 1.91 0.00	28.68 1.88 0.00	29.92 2.11 0.00	35.12 2.67 -0.30	58.94 5.76 -1.30	74.41 8.47 -1.31	59.15 5.33 0.00	42.80 3.10 0.00	35.81 1.99 0.00	33.07 1.81 0.00	30.83 1.61 0.00	30.29 1.52 0.00	30.63 1.38 0.00	34.26 1.63 0.00	42.12 2.72 0.00	54.75 4.13 -0.31	66.07 5.84 -0.62	60.10 4.46 -0.54	46.99 3.26 -0.29	41.16 2.40 0.00	34.15 1.84 0.00	30.40 1.50 -0.02
PIERCEFIELD___HYD 23852	31.16 0.64 -0.06	29.97 0.73 -0.02	27.99 0.68 0.00	27.55 0.75 0.00	28.56 0.75 0.00	33.26 0.96 -0.14	58.82 5.50 -1.43	72.55 6.46 -1.44	59.09 5.27 0.00	42.48 2.78 0.00	35.61 1.79 0.00	32.86 1.59 0.00	30.59 1.37 0.00	29.94 1.18 0.00	30.31 1.05 0.00	33.84 1.21 0.00	41.57 2.17 0.00	54.28 3.62 -0.34	64.35 4.05 -0.69	59.89 4.19 -0.61	46.88 3.13 -0.32	40.74 1.98 0.00	33.67 1.36 0.00	30.06 1.16 -0.02
PINELAWN_CC_1 323563	32.50 2.04 0.00	30.91 1.69 0.00	28.79 1.47 0.00	28.25 1.45 0.00	29.36 1.56 0.00	33.82 1.67 0.00	48.40 0.62 4.11	58.78 1.62 7.47	48.16 0.65 6.31	37.71 0.40 2.39	35.51 1.69 0.00	33.26 2.00 0.00	30.88 1.66 0.00	30.61 1.84 0.00	31.30 2.05 0.00	34.66 2.02 -0.01	40.82 1.42 0.00	51.72 1.41 0.00	62.41 2.80 0.00	57.08 1.98 0.00	45.35 1.91 0.00	40.97 2.21 0.00	34.61 2.29 0.00	31.37 2.48 -0.01
PJM_GEN_HTP_PROXY 323702	31.80 1.34 0.00	30.47 1.26 0.00	28.41 1.09 0.00	27.90 1.10 0.00	28.89 1.08 0.00	33.18 1.03 0.00	53.49 1.61 0.00	67.62 2.98 0.00	55.54 1.72 0.00	40.97 1.27 0.00	35.24 1.42 0.00	32.60 1.34 0.00	30.54 1.32 0.00	30.15 1.38 0.00	30.75 1.49 0.00	34.23 1.60 0.00	41.37 1.97 0.00	52.58 2.27 0.00	63.18 3.58 0.00	57.74 2.64 0.00	45.61 2.17 0.00	40.81 2.05 0.00	34.06 1.74 0.00	30.44 1.56 0.00
PJM_GEN_KEystone 24065	30.52 0.06 0.00	29.10 -0.12 0.00	27.23 -0.08 0.00	26.64 -0.16 0.00	27.72 -0.08 0.00	32.06 -0.10 0.00	51.52 -0.36 0.00	65.18 0.58 0.04	52.75 -0.75 0.31	39.50 -0.20 0.00	33.75 -0.07 0.00	31.23 -0.03 0.00	29.22 0.00 0.00	28.88 0.12 0.00	29.25 0.00 0.00	31.62 -0.16 0.85	36.25 -0.24 2.92	49.49 -0.66 0.17	59.67 0.18 0.12	54.32 -0.66 0.13	41.74 -0.61 1.09	37.53 -0.46 0.77	32.92 -0.16 -0.77	28.88 0.00 0.00
PJM_GEN_NEPTUNE_PROXY 323594	32.13 1.67 0.00	30.62 1.40 0.00	28.51 1.20 0.00	28.01 1.21 0.00	29.06 1.25 0.00	33.44 1.29 0.00	47.18 0.37 5.07	56.72 1.29 9.21	46.42 0.38 7.78	37.03 0.28 2.95	35.24 1.42 0.00	32.92 1.66 0.00	30.62 1.40 0.00	30.32 1.55 0.00	30.98 1.73 0.00	34.56 1.92 -0.01	40.86 1.46 0.00	51.92 1.61 0.00	62.58 2.98 0.00	57.25 2.15 0.00	45.26 1.82 0.00	40.81 2.05 0.00	34.25 1.94 0.00	30.91 2.02 -0.01
PJM_GEN_VFT_PROXY 323633	31.65 1.19 0.00	30.30 1.08 0.00	28.27 0.96 0.00	27.74 0.94 0.00	28.71 0.92 0.01	32.96 0.80 0.00	53.13 1.24 0.00	66.54 2.46 0.56	50.64 1.29 4.47	40.77 1.07 0.00	35.07 1.25 0.00	32.45 1.19 0.00	30.39 1.17 0.00	30.03 1.26 0.00	30.63 1.38 0.00	34.06 1.43 0.00	41.18 1.77 0.00	49.87 1.91 2.36	61.09 3.16 1.67	55.81 2.26 1.55	45.35 1.91 0.00	40.62 1.86 0.00	33.90 1.58 0.00	30.29 1.41 0.00
PLATSBURG_115KV_PMLD1 355749	31.31 0.85 0.00	30.15 0.93 0.00	28.19 0.87 0.00	27.79 0.99 0.00	28.78 0.97 0.00	33.44 1.29 0.00	54.11 2.23 0.00	65.74 1.10 0.00	56.03 2.21 0.00	41.56 1.87 0.00	35.14 1.32 0.00	32.45 1.19 0.00	30.27 1.05 0.00	29.74 0.98 0.00	30.19 0.94 0.00	33.67 1.04 0.00	40.82 1.42 0.00	51.92 1.61 0.00	59.90 0.30 0.00	56.42 1.32 0.00	44.35 0.91 0.00	39.73 0.97 0.00	33.44 1.13 0.00	29.92 1.04 0.00
PLEASANTVLY___LBMP 24000	31.62 1.16 0.00	30.30 1.08 0.00	28.27 0.96 0.00	27.74 0.94 0.00	28.75 0.95 0.00	33.12 0.96 0.00	53.28 1.40 0.00	67.16 2.52 0.00	55.22 1.40 0.00	40.65 0.95 0.00	34.90 1.08 0.00	32.23 0.97 0.00	30.18 0.96 0.00	29.80 1.04 0.00	30.40 1.14 0.00	33.87 1.24 0.00	41.06 1.65 0.00	52.28 1.96 0.00	62.76 3.16 0.00	57.41 2.31 0.00	45.31 1.87 0.00	40.54 1.78 0.00	33.80 1.49 0.00	30.24 1.36 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.80 1.34 0.00	30.44 1.23 0.00	28.40 1.09 0.00	27.87 1.07 0.00	28.89 1.08 0.00	33.22 1.06 0.00	53.54 1.66 0.00	67.55 2.91 0.00	55.54 1.72 0.00	40.89 1.19 0.00	35.17 1.35 0.00	32.48 1.22 0.00	30.42 1.20 0.00	30.03 1.27 0.00	30.63 1.37 0.00	34.13 1.50 0.00	41.33 1.93 0.00	52.58 2.26 0.00	63.24 3.64 0.00	57.80 2.70 0.00	45.61 2.17 0.00	40.78 2.02 0.00	34.03 1.71 0.00	30.41 1.53 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.80 1.34 0.00	30.44 1.23 0.00	28.40 1.09 0.00	27.87 1.07 0.00	28.89 1.08 0.00	33.22 1.06 0.00	53.54 1.66 0.00	67.55 2.91 0.00	55.54 1.72 0.00	40.89 1.19 0.00	35.17 1.35 0.00	32.48 1.22 0.00	30.42 1.20 0.00	30.03 1.27 0.00	30.63 1.37 0.00	34.13 1.50 0.00	41.33 1.93 0.00	52.58 2.26 0.00	63.24 3.64 0.00	57.80 2.70 0.00	45.61 2.17 0.00	40.78 2.02 0.00	34.03 1.71 0.00	30.41 1.53 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.80 1.34 0.00	30.50 1.29 0.00	28.46 1.15 0.00	27.93 1.13 0.00	28.97 1.17 0.00	33.38 1.22 0.00	53.75 1.87 0.00	67.68 3.04 0.00	55.70 1.88 0.00	40.97 1.27 0.00	35.07 1.25 0.00	32.32 1.06 0.00	30.30 1.08 0.00	29.86 1.09 0.00	30.51 1.26 0.00	34.07 1.44 0.00	41.33 1.93 0.00	52.68 2.36 0.00	63.36 3.76 0.00	57.91 2.81 0.00	45.74 2.30 0.00	40.81 2.05 0.00	34.03 1.71 0.00	30.38 1.50 0.00
POLETTI___ 23519	31.77 1.31 0.00	30.44 1.23 0.00	28.38 1.07 0.00	27.85 1.05 0.00	28.86 1.06 0.00	33.07 0.93 0.02	53.27 1.40 0.02	67.34 2.71 0.02	55.31 1.51 0.02	40.83 1.15 0.02	35.19 1.39 0.02	32.50 1.25 0.02	30.46 1.26 0.02	30.10 1.35 0.02	30.70 1.46 0.02	34.18 1.57 0.02	41.32 1.93 0.02	52.41 2.11 0.02	63.10 3.52 0.02	57.62 2.53 0.02	45.55 2.13 0.02	40.76 2.02 0.02	34.02 1.71 0.01	30.41 1.53 0.00
POMONA___ESR 323819	31.74 1.28 0.00	30.39 1.17 0.00	28.32 1.01 0.00	27.82 1.02 0.00	28.81 1.00 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.42 2.78 0.00	55.38 1.56 0.00	40.85 1.15 0.00	35.00 1.18 0.00	32.35 1.09 0.00	30.30 1.08 0.00	29.92 1.15 0.00	30.51 1.26 0.00	34.00 1.37 0.00	41.18 1.77 0.00	52.43 2.11 0.00	63.00 3.40 0.00	57.58 2.48 0.00	45.44 2.00 0.00	40.66 1.90 0.00	33.93 1.62 0.00	30.35 1.47 0.00
PORT_JEFF_3 23555	32.53 2.07 0.00	30.91 1.69 0.00	28.79 1.47 0.00	28.25 1.45 0.00	29.36 1.56 0.00	33.89 1.74 0.00	47.82 0.57 4.63	57.58 1.36 8.42	47.31 0.59 7.11	37.36 0.36 2.69	35.54 1.72 0.00	33.36 2.09 0.00	30.94 1.72 0.00	30.66 1.90 0.00	31.39 2.13 0.00	35.09 2.45 -0.01	41.22 1.81 0.00	52.48 2.16 0.00	63.36 3.76 0.00	58.07 2.97 0.00	46.05 2.61 0.00	41.51 2.75 0.00	34.67 2.36 0.00	31.54 2.66 -0.01

PORT_JEFF_4 23616	32.53 2.07 0.00	30.91 1.69 0.00	28.79 1.47 0.00	28.25 1.45 0.00	29.36 1.56 0.00	33.89 1.74 0.00	47.82 0.57 4.63	57.58 1.36 8.42	47.31 0.59 7.11	37.36 0.36 2.69	35.54 1.72 0.00	33.36 2.09 0.00	30.94 1.72 0.00	30.66 1.90 0.00	31.39 2.13 0.00	35.09 2.45 -0.01	41.22 1.81 0.00	52.48 2.16 0.00	63.36 3.76 0.00	58.07 2.97 0.00	46.05 2.61 0.00	41.51 2.75 0.00	34.67 2.36 0.00	31.54 2.66 -0.01
PORT_JEFF_IC 23713	32.53 2.07 0.00	30.91 1.69 0.00	28.79 1.47 0.00	28.25 1.45 0.00	29.39 1.58 0.00	33.79 1.64 0.00	47.84 0.57 4.62	57.48 1.23 8.39	47.32 0.59 7.09	37.33 0.32 2.68	35.68 1.86 0.00	33.17 1.91 0.00	30.91 1.69 0.00	30.66 1.90 0.00	31.42 2.16 0.00	35.22 2.58 -0.01	41.37 1.97 0.00	52.68 2.36 0.00	63.54 3.93 0.00	58.30 3.20 0.00	46.26 2.82 0.00	41.59 2.83 0.00	34.71 2.39 0.00	31.56 2.69 0.00
PPL PILGRIM_ST_GT1 24216	32.65 2.19 0.00	31.03 1.81 0.00	28.90 1.58 0.00	28.35 1.55 0.00	29.47 1.67 0.00	34.02 1.86 0.00	48.11 0.78 4.55	58.17 1.81 8.28	47.64 0.81 6.99	37.57 0.51 2.65	35.68 1.86 0.00	33.45 2.19 0.00	31.03 1.81 0.00	30.75 1.98 0.00	31.48 2.22 0.00	35.15 2.51 -0.01	41.37 1.97 0.00	52.73 2.41 0.00	63.66 4.06 0.00	58.24 3.14 0.00	46.09 2.65 0.00	41.59 2.83 0.00	34.77 2.45 0.00	31.57 2.69 -0.01
PPL PILGRIM_ST_GT2 24217	32.65 2.19 0.00	31.03 1.81 0.00	28.90 1.58 0.00	28.35 1.55 0.00	29.47 1.67 0.00	34.02 1.86 0.00	48.11 0.78 4.55	58.17 1.81 8.28	47.64 0.81 6.99	37.57 0.51 2.65	35.68 1.86 0.00	33.45 2.19 0.00	31.03 1.81 0.00	30.75 1.98 0.00	31.48 2.22 0.00	35.15 2.51 -0.01	41.37 1.97 0.00	52.73 2.41 0.00	63.66 4.06 0.00	58.24 3.14 0.00	46.09 2.65 0.00	41.59 2.83 0.00	34.77 2.45 0.00	31.57 2.69 -0.01
PPL_SHRM_GT3 24213	32.50 2.04 0.00	30.85 1.64 0.00	28.76 1.45 0.00	28.22 1.42 0.00	29.33 1.53 0.00	33.89 1.74 0.00	47.88 0.62 4.63	57.72 1.49 8.41	47.26 0.54 7.10	37.37 0.36 2.69	35.54 1.72 0.00	33.36 2.09 0.00	30.94 1.72 0.00	30.69 1.93 0.00	31.42 2.16 0.00	35.19 2.55 -0.01	41.18 1.77 0.00	52.58 2.27 0.00	63.54 3.93 0.00	58.46 3.36 0.00	46.26 2.82 0.00	41.67 2.91 0.00	34.74 2.42 0.00	31.60 2.71 -0.01
PPL_SHRM_GT4 24214	32.50 2.04 0.00	30.85 1.64 0.00	28.76 1.45 0.00	28.22 1.42 0.00	29.33 1.53 0.00	33.89 1.74 0.00	47.88 0.62 4.63	57.72 1.49 8.41	47.26 0.54 7.10	37.37 0.36 2.69	35.54 1.72 0.00	33.36 2.09 0.00	30.94 1.72 0.00	30.69 1.93 0.00	31.42 2.16 0.00	35.19 2.55 -0.01	41.18 1.77 0.00	52.58 2.27 0.00	63.54 3.93 0.00	58.46 3.36 0.00	46.26 2.82 0.00	41.67 2.91 0.00	34.74 2.42 0.00	31.60 2.71 -0.01
PROJECT___ORANGE 1 24174	30.04 -0.61 -0.19	28.66 -0.61 -0.06	26.77 -0.55 0.00	26.24 -0.56 0.00	27.25 -0.56 0.00	32.05 -0.55 -0.44	53.06 -0.83 -2.01	66.21 -0.45 -2.02	52.10 -1.72 0.00	38.67 -1.03 0.00	32.87 -0.95 0.00	30.45 -0.81 0.00	28.40 -0.82 0.00	27.93 -0.83 0.00	28.35 -0.91 0.00	31.55 -1.08 0.00	38.69 -0.71 0.00	49.78 -1.01 -0.48	59.79 -0.77 -0.96	54.89 -1.05 -0.83	43.01 -0.87 -0.44	37.95 -0.81 0.00	31.64 -0.68 0.00	28.27 -0.64 -0.03
PROJECT___ORANGE 2 24166	30.04 -0.61 -0.19	28.66 -0.61 -0.06	26.77 -0.55 0.00	26.24 -0.56 0.00	27.25 -0.56 0.00	32.05 -0.55 -0.44	53.06 -0.83 -2.01	66.21 -0.45 -2.02	52.10 -1.72 0.00	38.67 -1.03 0.00	32.87 -0.95 0.00	30.45 -0.81 0.00	28.40 -0.82 0.00	27.93 -0.83 0.00	28.35 -0.91 0.00	31.55 -1.08 0.00	38.69 -0.71 0.00	49.78 -1.01 -0.48	59.79 -0.77 -0.96	54.89 -1.05 -0.83	43.01 -0.87 -0.44	37.95 -0.81 0.00	31.64 -0.68 0.00	28.27 -0.64 -0.03
PUCKETT___SOLAR 323809	31.10 0.52 -0.13	29.66 0.41 -0.04	27.75 0.44 0.00	27.18 0.38 0.00	28.28 0.47 0.00	33.12 0.68 -0.29	54.60 1.45 -1.27	68.57 2.65 -1.28	54.63 0.81 0.00	40.21 0.51 0.00	33.95 0.14 0.00	31.39 0.13 0.00	29.28 0.06 0.00	28.82 0.06 0.00	29.23 -0.03 0.00	32.60 -0.03 0.00	39.80 0.39 0.00	51.32 0.70 -0.30	61.82 1.61 -0.61	56.45 0.83 -0.53	44.28 0.56 -0.28	39.15 0.39 0.00	32.67 0.36 0.00	29.25 0.35 -0.02
PYRITES___HYD 24023	31.49 0.97 -0.06	30.29 1.05 -0.02	28.29 0.98 0.00	27.87 1.07 0.00	28.86 1.06 0.00	33.70 1.41 -0.13	60.53 7.21 -1.43	74.88 8.79 -1.44	60.71 6.89 0.00	43.27 3.57 0.00	36.15 2.33 0.00	33.36 2.09 0.00	31.06 1.84 0.00	30.35 1.58 0.00	30.69 1.43 0.00	34.26 1.63 0.00	42.20 2.80 0.00	55.33 4.68 -0.34	65.95 5.66 -0.69	61.33 5.62 -0.61	47.93 4.17 -0.32	41.59 2.83 0.00	34.29 1.97 0.00	30.58 1.67 -0.02
QUAKERRD_115KV_BK1 80622	28.97 -1.49 0.00	27.70 -1.52 0.00	25.97 -1.34 0.00	25.46 -1.34 0.00	26.47 -1.33 0.00	30.74 -1.41 0.00	49.34 -2.54 0.00	62.57 -2.07 0.00	50.64 -3.18 0.00	37.91 -1.79 0.00	32.19 -1.62 0.00	29.92 -1.34 0.00	27.85 -1.37 0.00	27.41 -1.35 0.00	27.67 -1.58 0.00	30.74 -1.89 0.00	37.35 -2.05 0.00	47.35 -2.97 0.00	56.80 -2.80 0.00	51.92 -3.14 0.04	40.83 -2.61 0.00	36.43 -2.33 0.00	30.38 -1.94 0.00	27.17 -1.70 0.00
QUENSBRY_115KV_TB8 356137	32.44 1.98 0.00	31.20 1.99 0.00	29.09 1.78 0.00	28.54 1.74 0.00	29.70 1.89 0.00	33.57 1.41 0.00	54.32 2.44 0.00	68.52 3.88 0.00	56.29 2.48 0.00	41.09 1.39 0.00	34.76 0.95 0.00	32.07 0.81 0.00	30.07 0.85 0.00	29.37 0.60 0.00	29.93 0.67 0.00	33.51 0.88 0.00	41.06 1.65 0.00	52.63 2.31 0.00	62.88 3.28 0.00	57.74 2.64 0.00	45.22 1.78 0.00	40.31 1.55 0.00	33.83 1.52 0.00	30.84 1.96 0.00
RAMAPO___LBMP 323565	31.68 1.22 0.00	30.33 1.11 0.00	28.27 0.96 0.00	27.71 0.91 0.00	28.75 0.95 0.00	33.09 0.93 0.00	53.34 1.45 0.00	67.29 2.65 0.00	55.27 1.45 0.00	40.69 0.99 0.00	34.93 1.12 0.00	32.26 1.00 0.00	30.24 1.02 0.00	29.86 1.09 0.00	30.45 1.20 0.00	33.93 1.31 0.00	41.06 1.65 0.00	52.28 1.96 0.00	62.88 3.28 0.00	57.47 2.37 0.00	45.35 1.91 0.00	40.54 1.78 0.00	33.86 1.55 0.00	30.29 1.42 0.00
RANKINE____ 23646	29.73 -0.73 0.00	28.28 -0.93 0.00	26.63 -0.68 0.00	26.05 -0.75 0.00	27.11 -0.70 0.00	31.58 -0.58 0.00	50.43 -1.45 0.00	64.25 -0.39 0.00	51.72 -2.10 0.00	39.02 -0.67 0.00	33.28 -0.54 0.00	31.01 -0.25 0.00	28.87 -0.35 0.00	28.56 -0.20 0.00	28.61 -0.64 0.00	31.59 -1.04 0.00	37.83 -1.58 0.00	47.45 -2.87 0.00	57.28 -2.32 0.00	51.59 -3.47 0.04	40.66 -2.78 0.00	36.28 -2.48 0.00	30.57 -1.74 0.00	27.55 -1.33 0.00
RAVENSWOOD_GT2_1 24244	31.89 1.43 0.00	30.53 1.31 0.00	28.46 1.15 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.49 2.84 0.00	55.49 1.67 0.00	40.93 1.23 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.53 1.31 0.00	30.17 1.41 0.00	30.78 1.52 0.00	34.26 1.63 0.00	41.41 2.01 0.00	52.53 2.21 0.00	63.24 3.64 0.00	57.74 2.64 0.00	45.65 2.22 0.00	40.85 2.09 0.00	34.12 1.81 0.00	30.50 1.62 0.00

RAVENSWOOD_GT2_2 24245	31.89 1.43 0.00	30.53 1.31 0.00	28.46 1.15 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.49 2.84 0.00	55.49 1.67 0.00	40.93 1.23 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.53 1.31 0.00	30.17 1.41 0.00	30.78 1.52 0.00	34.26 1.63 0.00	41.41 2.01 0.00	52.53 2.21 0.00	63.24 3.64 0.00	57.74 2.64 0.00	45.65 2.22 0.00	40.85 2.09 0.00	34.12 1.81 0.00	30.50 1.62 0.00
RAVENSWOOD_GT2_3 24246	31.89 1.43 0.00	30.56 1.34 0.00	28.49 1.17 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.22 1.06 0.00	53.44 1.56 0.00	67.55 2.91 0.00	55.49 1.67 0.00	40.93 1.23 0.00	35.30 1.49 0.00	32.61 1.34 0.00	30.56 1.34 0.00	30.20 1.44 0.00	30.81 1.55 0.00	34.29 1.66 0.00	41.45 2.05 0.00	52.58 2.26 0.00	63.24 3.64 0.00	57.80 2.70 0.00	45.65 2.22 0.00	40.89 2.13 0.00	34.12 1.81 0.00	30.52 1.65 0.00
RAVENSWOOD_GT2_4 24247	31.89 1.43 0.00	30.56 1.34 0.00	28.49 1.17 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.22 1.06 0.00	53.44 1.56 0.00	67.55 2.91 0.00	55.49 1.67 0.00	40.93 1.23 0.00	35.30 1.49 0.00	32.61 1.34 0.00	30.56 1.34 0.00	30.20 1.44 0.00	30.81 1.55 0.00	34.29 1.66 0.00	41.45 2.05 0.00	52.58 2.26 0.00	63.24 3.64 0.00	57.80 2.70 0.00	45.65 2.22 0.00	40.89 2.13 0.00	34.12 1.81 0.00	30.52 1.65 0.00
RAVENSWOOD_GT3_1 24248	31.89 1.43 0.00	30.53 1.31 0.00	28.49 1.17 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.49 2.84 0.00	55.49 1.67 0.00	40.93 1.23 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.53 1.31 0.00	30.20 1.44 0.00	30.81 1.55 0.00	34.29 1.66 0.00	41.41 2.01 0.00	52.58 2.26 0.00	63.24 3.64 0.00	57.74 2.64 0.00	45.65 2.22 0.00	40.85 2.09 0.00	34.12 1.81 0.00	30.52 1.65 0.00
RAVENSWOOD_GT3_2 24249	31.89 1.43 0.00	30.53 1.31 0.00	28.49 1.17 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.49 2.84 0.00	55.49 1.67 0.00	40.93 1.23 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.53 1.31 0.00	30.20 1.44 0.00	30.81 1.55 0.00	34.29 1.66 0.00	41.41 2.01 0.00	52.58 2.26 0.00	63.24 3.64 0.00	57.74 2.64 0.00	45.65 2.22 0.00	40.85 2.09 0.00	34.12 1.81 0.00	30.52 1.65 0.00
RAVENSWOOD_GT3_3 24250	31.92 1.46 0.00	30.59 1.37 0.00	28.51 1.20 0.00	27.95 1.15 0.00	28.97 1.17 0.00	33.25 1.09 0.00	53.49 1.61 0.00	67.61 2.97 0.00	55.54 1.72 0.00	40.97 1.27 0.00	35.34 1.52 0.00	32.64 1.38 0.00	30.59 1.37 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.33 1.70 0.00	41.49 2.09 0.00	52.63 2.31 0.00	63.36 3.76 0.00	57.85 2.75 0.00	45.70 2.26 0.00	40.93 2.17 0.00	34.16 1.84 0.00	30.55 1.67 0.00
RAVENSWOOD_GT3_4 24251	31.92 1.46 0.00	30.59 1.37 0.00	28.51 1.20 0.00	27.95 1.15 0.00	28.97 1.17 0.00	33.25 1.09 0.00	53.49 1.61 0.00	67.61 2.97 0.00	55.54 1.72 0.00	40.97 1.27 0.00	35.34 1.52 0.00	32.64 1.38 0.00	30.59 1.37 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.33 1.70 0.00	41.49 2.09 0.00	52.63 2.31 0.00	63.36 3.76 0.00	57.85 2.75 0.00	45.70 2.26 0.00	40.93 2.17 0.00	34.16 1.84 0.00	30.55 1.67 0.00
RAVENSWOOD_GT_1 23729	32.02 1.55 -0.01	30.69 1.46 -0.01	28.60 1.28 -0.01	28.04 1.23 -0.01	29.06 1.25 0.00	33.18 1.03 0.00	53.17 1.30 0.01	67.22 2.59 0.01	55.27 1.45 0.00	40.85 1.15 0.00	35.30 1.49 0.00	32.64 1.38 0.00	30.59 1.37 0.00	30.26 1.50 0.00	30.86 1.61 0.00	34.33 1.70 0.00	41.37 1.97 0.00	52.38 2.06 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.09 0.00	40.81 2.05 0.00	34.19 1.87 0.00	30.64 1.76 0.00
RAVENSWOOD_GT_10 24258	31.89 1.43 0.00	30.53 1.31 0.00	28.46 1.15 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.55 2.91 0.00	55.49 1.67 0.00	40.93 1.23 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.53 1.31 0.00	30.20 1.44 0.00	30.81 1.55 0.00	34.26 1.63 0.00	41.41 2.01 0.00	52.58 2.26 0.00	63.24 3.64 0.00	57.80 2.70 0.00	45.65 2.22 0.00	40.85 2.09 0.00	34.12 1.81 0.00	30.50 1.62 0.00
RAVENSWOOD_GT_11 24259	31.89 1.43 0.00	30.53 1.31 0.00	28.46 1.15 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.55 2.91 0.00	55.49 1.67 0.00	40.93 1.23 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.53 1.31 0.00	30.20 1.44 0.00	30.81 1.55 0.00	34.26 1.63 0.00	41.41 2.01 0.00	52.58 2.26 0.00	63.24 3.64 0.00	57.80 2.70 0.00	45.65 2.22 0.00	40.85 2.09 0.00	34.12 1.81 0.00	30.50 1.62 0.00
RAVENSWOOD_GT_4 24252	31.87 1.40 -0.01	30.51 1.29 -0.01	28.44 1.12 -0.01	27.91 1.10 -0.01	28.92 1.11 0.00	33.18 1.03 0.00	53.49 1.61 0.01	67.61 2.97 0.01	55.54 1.72 0.00	40.93 1.23 0.00	35.27 1.45 0.00	32.57 1.31 0.00	30.53 1.31 0.00	30.17 1.41 0.00	30.78 1.52 0.00	34.26 1.63 0.00	41.45 2.05 0.00	52.58 2.26 0.00	63.30 3.70 0.00	57.80 2.70 0.00	45.70 2.26 0.00	40.85 2.09 0.00	34.12 1.81 0.00	30.50 1.62 0.00
RAVENSWOOD_GT_5 24254	31.87 1.40 -0.01	30.51 1.29 -0.01	28.44 1.12 -0.01	27.91 1.10 -0.01	28.92 1.11 0.00	33.18 1.03 0.00	53.49 1.61 0.01	67.61 2.97 0.01	55.54 1.72 0.00	40.93 1.23 0.00	35.27 1.45 0.00	32.57 1.31 0.00	30.53 1.31 0.00	30.17 1.41 0.00	30.78 1.52 0.00	34.26 1.63 0.00	41.45 2.05 0.00	52.58 2.26 0.00	63.30 3.70 0.00	57.80 2.70 0.00	45.70 2.26 0.00	40.85 2.09 0.00	34.12 1.81 0.00	30.50 1.62 0.00
RAVENSWOOD_GT_6 24253	31.87 1.40 -0.01	30.51 1.29 -0.01	28.44 1.12 -0.01	27.91 1.10 -0.01	28.92 1.11 0.00	33.18 1.03 0.00	53.49 1.61 0.01	67.61 2.97 0.01	55.54 1.72 0.00	40.93 1.23 0.00	35.27 1.45 0.00	32.57 1.31 0.00	30.53 1.31 0.00	30.17 1.41 0.00	30.78 1.52 0.00	34.26 1.63 0.00	41.45 2.05 0.00	52.58 2.26 0.00	63.30 3.70 0.00	57.80 2.70 0.00	45.70 2.26 0.00	40.85 2.09 0.00	34.12 1.81 0.00	30.50 1.62 0.00
RAVENSWOOD_GT_7 24255	31.87 1.40 -0.01	30.51 1.29 -0.01	28.44 1.12 -0.01	27.91 1.10 -0.01	28.92 1.11 0.00	33.18 1.03 0.00	53.49 1.61 0.01	67.61 2.97 0.01	55.54 1.72 0.00	40.93 1.23 0.00	35.27 1.45 0.00	32.57 1.31 0.00	30.53 1.31 0.00	30.17 1.41 0.00	30.78 1.52 0.00	34.26 1.63 0.00	41.45 2.05 0.00	52.58 2.26 0.00	63.30 3.70 0.00	57.80 2.70 0.00	45.70 2.26 0.00	40.85 2.09 0.00	34.12 1.81 0.00	30.50 1.62 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.89 1.43 0.00	30.53 1.31 0.00	28.46 1.15 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.55 2.91 0.00	55.49 1.67 0.00	40.93 1.23 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.53 1.31 0.00	30.20 1.44 0.00	30.81 1.55 0.00	34.26 1.63 0.00	41.41 2.01 0.00	52.58 2.26 0.00	63.24 3.64 0.00	57.80 2.70 0.00	45.65 2.22 0.00	40.85 2.09 0.00	34.12 1.81 0.00	30.50 1.62 0.00

RAVENSWOOD_GT_9 24257	31.89 1.43 0.00	30.53 1.31 0.00	28.46 1.15 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.18 1.03 0.00	53.44 1.56 0.00	67.55 2.91 0.00	55.49 1.67 0.00	40.93 1.23 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.53 1.31 0.00	30.20 1.44 0.00	30.81 1.55 0.00	34.26 1.63 0.00	41.41 2.01 0.00	52.58 2.26 0.00	63.24 3.64 0.00	57.80 2.70 0.00	45.65 2.22 0.00	40.85 2.09 0.00	34.12 1.81 0.00	30.50 1.62 0.00
RAVENSWOOD___1 23533	32.02 1.55 -0.01	30.68 1.46 -0.01	28.60 1.28 -0.01	28.07 1.26 -0.01	29.06 1.25 0.00	33.18 1.03 0.00	53.22 1.35 0.01	67.22 2.59 0.01	55.32 1.50 0.00	40.93 1.23 0.00	35.30 1.49 0.00	32.67 1.41 0.00	30.62 1.40 0.00	30.26 1.49 0.00	30.86 1.61 0.00	34.33 1.70 0.00	41.41 2.01 0.00	52.43 2.11 0.00	63.00 3.40 0.00	57.52 2.42 0.00	45.48 2.04 0.00	40.81 2.05 0.00	34.19 1.87 0.00	30.64 1.76 0.00
RAVENSWOOD___2 23534	32.02 1.55 -0.01	30.68 1.46 -0.01	28.60 1.28 -0.01	28.07 1.26 -0.01	29.06 1.25 0.00	33.18 1.03 0.00	53.22 1.35 0.01	67.22 2.59 0.01	55.32 1.50 0.00	40.93 1.23 0.00	35.30 1.49 0.00	32.67 1.41 0.00	30.62 1.40 0.00	30.26 1.49 0.00	30.86 1.61 0.00	34.33 1.70 0.00	41.41 2.01 0.00	52.43 2.11 0.00	63.00 3.40 0.00	57.52 2.42 0.00	45.48 2.04 0.00	40.81 2.05 0.00	34.19 1.87 0.00	30.64 1.76 0.00
RAVENSWOOD___3 23535	31.89 1.43 0.00	30.53 1.32 0.00	28.49 1.17 0.00	27.95 1.15 0.00	28.95 1.14 0.00	33.21 1.06 0.00	53.44 1.56 0.00	67.48 2.84 0.00	55.49 1.67 0.00	40.97 1.27 0.00	35.27 1.45 0.00	32.63 1.37 0.00	30.56 1.34 0.00	30.20 1.44 0.00	30.80 1.55 0.00	34.26 1.63 0.00	41.41 2.01 0.00	52.58 2.27 0.00	63.18 3.58 0.00	57.69 2.59 0.00	45.61 2.17 0.00	40.85 2.09 0.00	34.12 1.81 0.00	30.52 1.65 0.00
RAVENSWOOD___4 23820	32.02 1.55 -0.01	30.68 1.46 -0.01	28.60 1.28 -0.01	28.07 1.26 -0.01	29.06 1.25 0.00	33.18 1.03 0.00	53.22 1.35 0.01	67.22 2.59 0.01	55.32 1.50 0.00	40.93 1.23 0.00	35.30 1.49 0.00	32.67 1.41 0.00	30.62 1.40 0.00	30.26 1.49 0.00	30.86 1.61 0.00	34.33 1.70 0.00	41.41 2.01 0.00	52.43 2.11 0.00	63.00 3.40 0.00	57.52 2.42 0.00	45.48 2.04 0.00	40.81 2.05 0.00	34.19 1.87 0.00	30.64 1.76 0.00
RCPL_TRUST___DRP 24196	31.83 1.37 0.00	30.50 1.29 0.00	28.43 1.12 0.00	27.87 1.07 0.00	28.92 1.11 0.00	33.22 1.06 0.00	53.54 1.66 0.00	67.68 3.04 0.00	55.59 1.78 0.00	40.97 1.27 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.53 1.31 0.00	30.17 1.41 0.00	30.78 1.52 0.00	34.29 1.66 0.00	41.45 2.05 0.00	52.63 2.31 0.00	63.30 3.70 0.00	57.85 2.75 0.00	45.70 2.26 0.00	40.85 2.09 0.00	34.09 1.78 0.00	30.47 1.59 0.00
RED___ROCHESTER 323720	29.70 -0.76 0.00	28.34 -0.88 0.00	26.58 -0.74 0.00	26.00 -0.80 0.00	27.08 -0.72 0.00	31.48 -0.68 0.00	50.53 -1.35 0.00	64.32 -0.32 0.00	51.99 -1.83 0.00	39.02 -0.68 0.00	33.17 -0.64 0.00	30.73 -0.53 0.00	28.64 -0.58 0.00	28.25 -0.52 0.00	28.47 -0.79 0.00	31.62 -1.01 0.00	38.26 -1.14 0.00	48.45 -1.86 0.00	58.29 -1.31 0.00	53.13 -1.93 0.04	41.79 -1.65 0.00	37.25 -1.51 0.00	31.09 -1.23 0.00	27.81 -1.07 0.00
REGAN___SOLAR 323812	32.74 2.29 0.00	31.50 2.28 0.00	29.36 2.05 0.00	28.81 2.01 0.00	30.00 2.20 0.00	34.76 2.60 0.00	56.45 4.57 0.00	71.10 6.46 0.00	57.96 4.14 0.00	42.12 2.42 0.00	35.47 1.66 0.00	32.60 1.34 0.00	30.56 1.34 0.00	30.03 1.26 0.00	30.57 1.32 0.00	34.65 2.02 0.00	42.40 2.99 0.00	54.59 4.27 0.00	65.38 5.78 0.00	59.95 4.85 0.00	47.04 3.60 0.00	41.98 3.22 0.00	34.93 2.62 0.00	31.16 2.28 0.00
RENSSELAER___COGEN 23796	31.13 0.67 0.00	29.89 0.67 0.00	27.89 0.57 0.00	27.39 0.59 0.00	28.42 0.61 0.00	32.80 0.64 0.00	52.82 0.93 0.00	66.32 1.68 0.00	54.63 0.81 0.00	40.09 0.40 0.00	34.19 0.37 0.00	31.57 0.31 0.00	29.57 0.35 0.00	29.08 0.32 0.00	29.66 0.41 0.00	33.15 0.52 0.00	40.39 0.99 0.00	51.67 1.36 0.00	61.69 2.09 0.00	56.59 1.49 0.00	44.61 1.17 0.00	39.84 1.08 0.00	33.22 0.90 0.00	29.69 0.81 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.50 3.05 0.00	32.31 3.10 0.00	30.07 2.76 0.00	29.48 2.68 0.00	30.70 2.89 0.00	34.95 2.80 0.00	56.81 4.93 0.00	71.95 7.30 0.00	58.93 5.11 0.00	42.83 3.14 0.00	36.05 2.23 0.00	33.17 1.91 0.00	31.12 1.90 0.00	30.29 1.52 0.00	30.86 1.61 0.00	34.59 1.96 0.00	42.63 3.23 0.00	55.04 4.73 0.00	65.92 6.32 0.00	60.50 5.40 0.00	47.17 3.74 0.00	42.02 3.26 0.00	35.16 2.84 0.00	31.88 3.00 0.00
REVERE_CPFR_DRP 24186	31.44 0.88 -0.10	30.09 0.85 -0.03	28.13 0.82 0.00	27.60 0.80 0.00	28.70 0.89 0.00	33.51 1.13 -0.23	55.66 2.70 -1.07	69.79 4.07 -1.08	56.29 2.48 0.00	41.05 1.35 0.00	34.70 0.88 0.00	32.07 0.81 0.00	29.92 0.70 0.00	29.40 0.63 0.00	29.81 0.56 0.00	33.28 0.65 0.00	40.70 1.30 0.00	52.53 1.96 -0.25	62.98 2.86 -0.52	57.81 2.26 -0.45	45.37 1.69 -0.24	39.92 1.16 0.00	33.15 0.84 0.00	29.62 0.72 -0.02
REYNOLDS_115KV_TB3 80639	31.34 0.88 0.00	30.12 0.91 0.00	28.10 0.79 0.00	27.60 0.80 0.00	28.64 0.83 0.00	33.05 0.90 0.00	53.18 1.30 0.00	66.77 2.13 0.00	54.95 1.13 0.00	40.33 0.64 0.00	34.43 0.61 0.00	31.79 0.53 0.00	29.78 0.56 0.00	29.31 0.55 0.00	29.90 0.64 0.00	33.38 0.75 0.00	40.74 1.34 0.00	52.02 1.71 0.00	62.17 2.56 0.00	57.03 1.93 0.00	44.96 1.52 0.00	40.16 1.40 0.00	33.48 1.16 0.00	29.92 1.04 0.00
RIVERBAY____ 323610	32.26 1.80 -0.01	30.92 1.69 -0.01	28.82 1.50 -0.01	28.28 1.47 -0.01	29.34 1.53 0.00	33.34 1.19 0.00	53.33 1.45 0.01	67.22 2.59 0.01	55.33 1.51 0.00	40.81 1.11 0.00	35.30 1.49 0.00	32.64 1.38 0.00	30.59 1.37 0.00	30.23 1.47 0.00	30.83 1.58 0.00	34.29 1.66 0.00	41.33 1.93 0.00	52.33 2.01 0.00	63.06 3.46 0.00	57.52 2.42 0.00	45.52 2.09 0.00	40.81 2.05 0.00	34.29 1.97 0.00	30.93 2.05 0.00
RIVERSDE_115KV_TB3 55908	31.25 0.79 0.00	30.01 0.79 0.00	28.02 0.71 0.00	27.50 0.70 0.00	28.53 0.72 0.00	32.93 0.77 0.00	53.02 1.14 0.00	66.64 2.00 0.00	54.84 1.02 0.00	40.25 0.56 0.00	34.32 0.51 0.00	31.70 0.44 0.00	29.69 0.47 0.00	29.22 0.46 0.00	29.78 0.53 0.00	33.28 0.65 0.00	40.59 1.18 0.00	51.87 1.56 0.00	61.99 2.38 0.00	56.86 1.76 0.00	44.83 1.39 0.00	40.04 1.28 0.00	33.38 1.07 0.00	29.80 0.92 0.00
ROARING___BROOK_WT_PWR 323790	30.43 -0.03 0.00	29.25 0.03 0.00	27.37 0.05 0.00	26.88 0.08 0.00	27.89 0.08 0.00	32.28 0.13 0.00	52.09 0.21 0.00	64.32 -0.32 0.00	53.87 0.05 0.00	39.70 0.00 0.00	33.82 0.00 0.00	31.26 0.00 0.00	29.19 -0.03 0.00	28.74 -0.03 0.00	29.20 -0.06 0.00	32.56 -0.07 0.00	39.44 0.04 0.00	50.36 0.05 0.00	59.12 -0.48 0.00	54.88 -0.22 0.00	43.09 -0.35 0.00	38.26 -0.50 0.00	31.67 -0.65 0.00	28.19 -0.69 0.00

ROCHESRG_115KV_T4 355643	29.45 -1.01 0.00	28.14 -1.08 0.00	26.38 -0.93 0.00	25.86 -0.94 0.00	26.89 -0.92 0.00	31.25 -0.90 0.00	50.12 -1.76 0.00	63.67 -0.97 0.00	51.45 -2.37 0.00	38.59 -1.11 0.00	32.80 -1.01 0.00	30.51 -0.75 0.00	28.43 -0.79 0.00	27.99 -0.78 0.00	28.20 -1.05 0.00	31.29 -1.34 0.00	37.91 -1.50 0.00	47.95 -2.36 0.00	57.58 -2.03 0.00	52.58 -2.48 0.04	41.35 -2.09 0.00	36.90 -1.86 0.00	30.83 -1.49 0.00	27.61 -1.27 0.00
ROCHESTER_9_IC 23652	29.58 -0.88 0.00	28.25 -0.96 0.00	26.49 -0.82 0.00	25.97 -0.83 0.00	27.00 -0.81 0.00	31.38 -0.77 0.00	50.38 -1.50 0.00	64.06 -0.58 0.00	51.77 -2.05 0.00	38.82 -0.87 0.00	33.01 -0.81 0.00	30.70 -0.56 0.00	28.58 -0.64 0.00	28.13 -0.63 0.00	28.35 -0.91 0.00	31.46 -1.17 0.00	38.10 -1.30 0.00	48.25 -2.06 0.00	57.93 -1.67 0.00	52.91 -2.15 0.04	41.57 -1.87 0.00	37.09 -1.67 0.00	30.96 -1.36 0.00	27.72 -1.16 0.00
ROCKVIEW_13_KV_LD 356306	31.86 1.40 0.00	30.50 1.29 0.00	28.43 1.12 0.00	27.90 1.10 0.00	28.92 1.11 0.00	33.25 1.09 0.00	53.60 1.71 0.00	67.74 3.10 0.00	55.70 1.88 0.00	40.97 1.27 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.53 1.31 0.00	30.15 1.38 0.00	30.78 1.52 0.00	34.26 1.63 0.00	41.45 2.05 0.00	52.68 2.36 0.00	63.42 3.81 0.00	57.96 2.87 0.00	45.74 2.30 0.00	40.89 2.13 0.00	34.09 1.78 0.00	30.47 1.59 0.00
ROME____115KV_TB2 80656	31.44 0.88 -0.10	30.09 0.85 -0.03	28.13 0.82 0.00	27.60 0.80 0.00	28.70 0.89 0.00	33.51 1.13 -0.23	55.66 2.70 -1.07	69.79 4.07 -1.08	56.29 2.48 0.00	41.05 1.35 0.00	34.70 0.88 0.00	32.07 0.81 0.00	29.92 0.70 0.00	29.40 0.63 0.00	29.81 0.56 0.00	33.28 0.65 0.00	40.70 1.30 0.00	52.53 1.96 -0.25	62.98 2.86 -0.52	57.81 2.26 -0.45	45.37 1.69 -0.24	39.92 1.16 0.00	33.15 0.84 0.00	29.62 0.72 -0.02
ROSETON___1 23587	31.59 1.13 0.00	30.27 1.05 0.00	28.24 0.93 0.00	27.74 0.94 0.00	28.72 0.92 0.00	33.09 0.93 0.00	53.28 1.40 0.00	67.16 2.52 0.00	55.22 1.40 0.00	40.69 0.99 0.00	34.87 1.05 0.00	32.23 0.97 0.00	30.18 0.96 0.00	29.77 1.01 0.00	30.37 1.11 0.00	33.87 1.24 0.00	41.02 1.62 0.00	52.23 1.91 0.00	62.70 3.10 0.00	57.36 2.26 0.00	45.26 1.82 0.00	40.46 1.70 0.00	33.77 1.46 0.00	30.21 1.33 0.00
ROSETON___2 23588	31.59 1.13 0.00	30.27 1.05 0.00	28.24 0.93 0.00	27.74 0.94 0.00	28.72 0.92 0.00	33.09 0.93 0.00	53.28 1.40 0.00	67.16 2.52 0.00	55.22 1.40 0.00	40.69 0.99 0.00	34.87 1.05 0.00	32.23 0.97 0.00	30.18 0.96 0.00	29.77 1.01 0.00	30.37 1.11 0.00	33.87 1.24 0.00	41.02 1.62 0.00	52.23 1.91 0.00	62.70 3.10 0.00	57.36 2.26 0.00	45.26 1.82 0.00	40.46 1.70 0.00	33.77 1.46 0.00	30.21 1.33 0.00
ROTRTDAM_115KV_TB3 80664	31.40 0.94 0.00	30.15 0.93 0.00	28.16 0.85 0.00	27.60 0.80 0.00	28.67 0.86 0.00	33.05 0.90 0.00	53.34 1.45 0.00	66.97 2.33 0.00	55.11 1.29 0.00	40.45 0.75 0.00	34.39 0.57 0.00	31.76 0.50 0.00	29.75 0.53 0.00	29.25 0.49 0.00	29.81 0.56 0.00	33.35 0.72 0.00	40.62 1.22 0.00	51.92 1.61 0.00	61.93 2.32 0.00	56.92 1.82 0.00	44.83 1.39 0.00	40.04 1.28 0.00	33.38 1.07 0.00	29.89 1.01 0.00
RUSSELL___1 23602	29.70 -0.76 0.00	28.34 -0.88 0.00	26.57 -0.74 0.00	26.05 -0.75 0.00	27.08 -0.72 0.00	31.51 -0.64 0.00	50.59 -1.30 0.00	64.32 -0.32 0.00	52.04 -1.78 0.00	39.02 -0.67 0.00	33.17 -0.64 0.00	30.82 -0.44 0.00	28.72 -0.50 0.00	28.28 -0.49 0.00	28.46 -0.79 0.00	31.59 -1.04 0.00	38.26 -1.14 0.00	48.45 -1.86 0.00	58.23 -1.37 0.00	53.18 -1.87 0.04	41.74 -1.69 0.00	37.25 -1.51 0.00	31.09 -1.23 0.00	27.81 -1.07 0.00
RUSSELL___2 23532	29.70 -0.76 0.00	28.34 -0.88 0.00	26.57 -0.74 0.00	26.05 -0.75 0.00	27.08 -0.72 0.00	31.51 -0.64 0.00	50.59 -1.30 0.00	64.32 -0.32 0.00	52.04 -1.78 0.00	39.02 -0.67 0.00	33.17 -0.64 0.00	30.82 -0.44 0.00	28.72 -0.50 0.00	28.28 -0.49 0.00	28.46 -0.79 0.00	31.59 -1.04 0.00	38.26 -1.14 0.00	48.45 -1.86 0.00	58.23 -1.37 0.00	53.18 -1.87 0.04	41.74 -1.69 0.00	37.25 -1.51 0.00	31.09 -1.23 0.00	27.81 -1.07 0.00
RUSSELL___3 23549	29.70 -0.76 0.00	28.34 -0.88 0.00	26.57 -0.74 0.00	26.05 -0.75 0.00	27.08 -0.72 0.00	31.51 -0.64 0.00	50.59 -1.30 0.00	64.32 -0.32 0.00	52.04 -1.78 0.00	39.02 -0.67 0.00	33.17 -0.64 0.00	30.82 -0.44 0.00	28.72 -0.50 0.00	28.28 -0.49 0.00	28.46 -0.79 0.00	31.59 -1.04 0.00	38.26 -1.14 0.00	48.45 -1.86 0.00	58.23 -1.37 0.00	53.18 -1.87 0.04	41.74 -1.69 0.00	37.25 -1.51 0.00	31.09 -1.23 0.00	27.81 -1.07 0.00
RUSSELL___4 23556	29.70 -0.76 0.00	28.34 -0.88 0.00	26.57 -0.74 0.00	26.05 -0.75 0.00	27.08 -0.72 0.00	31.51 -0.64 0.00	50.59 -1.30 0.00	64.32 -0.32 0.00	52.04 -1.78 0.00	39.02 -0.67 0.00	33.17 -0.64 0.00	30.82 -0.44 0.00	28.72 -0.50 0.00	28.28 -0.49 0.00	28.46 -0.79 0.00	31.59 -1.04 0.00	38.26 -1.14 0.00	48.45 -1.86 0.00	58.23 -1.37 0.00	53.18 -1.87 0.04	41.74 -1.69 0.00	37.25 -1.51 0.00	31.09 -1.23 0.00	27.81 -1.07 0.00
RUSSELL___STATION 23914	29.70 -0.76 0.00	28.34 -0.88 0.00	26.57 -0.74 0.00	26.05 -0.75 0.00	27.08 -0.72 0.00	31.51 -0.64 0.00	50.59 -1.30 0.00	64.32 -0.32 0.00	52.04 -1.78 0.00	39.02 -0.67 0.00	33.17 -0.64 0.00	30.82 -0.44 0.00	28.72 -0.50 0.00	28.28 -0.49 0.00	28.46 -0.79 0.00	31.59 -1.04 0.00	38.26 -1.14 0.00	48.45 -1.86 0.00	58.23 -1.37 0.00	53.18 -1.87 0.04	41.74 -1.69 0.00	37.25 -1.51 0.00	31.09 -1.23 0.00	27.81 -1.07 0.00
S SALMON___HYD 24043	30.43 -0.49 -0.46	28.86 -0.50 -0.14	26.87 -0.44 0.00	26.34 -0.46 0.00	27.39 -0.42 0.00	32.78 -0.42 -1.05	56.53 -0.05 -4.70	69.95 0.58 -4.73	52.90 -0.92 0.00	38.94 -0.76 0.00	32.94 -0.88 0.00	30.48 -0.78 0.00	28.37 -0.85 0.00	27.90 -0.86 0.00	28.29 -0.96 0.00	31.58 -1.05 0.00	38.85 -0.55 0.00	50.83 -0.60 -1.11	61.68 -0.18 -2.26	56.66 -0.44 -2.00	44.13 -0.35 -1.04	38.18 -0.58 0.00	31.73 -0.58 0.00	28.43 -0.52 -0.07
S.PERRY__115KV_TB1 80734	30.55 0.09 0.00	29.13 -0.09 0.00	27.34 0.03 0.00	26.77 -0.03 0.00	27.89 0.08 0.00	32.54 0.39 0.00	52.51 0.62 0.00	67.03 2.39 0.00	53.93 0.11 0.00	40.25 0.56 0.00	33.95 0.14 0.00	31.51 0.25 0.00	29.16 -0.06 0.00	28.79 0.03 0.00	29.02 -0.23 0.00	32.24 -0.39 0.00	39.13 -0.28 0.00	49.81 -0.50 0.00	60.14 0.54 0.00	54.74 -0.33 0.03	42.96 -0.48 0.00	38.22 -0.54 0.00	31.86 -0.45 0.00	28.47 -0.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.39 -1.07 0.00	27.96 -1.26 0.00	26.30 -1.01 0.00	25.76 -1.05 0.00	26.78 -1.03 0.00	31.16 -1.00 0.00	49.65 -2.23 0.00	63.28 -1.36 0.00	50.97 -2.85 0.00	38.47 -1.23 0.00	32.80 -1.01 0.00	30.60 -0.66 0.00	28.49 -0.73 0.00	28.19 -0.58 0.00	28.23 -1.02 0.00	31.19 -1.44 0.00	37.35 -2.05 0.00	46.79 -3.52 0.00	56.50 -3.10 0.00	51.04 -4.02 0.04	40.18 -3.26 0.00	35.89 -2.87 0.00	30.21 -2.10 0.00	27.23 -1.65 0.00

SAWYER___23_KV_LOAD 55526	29.39 -1.07 0.00	27.96 -1.26 0.00	26.30 -1.01 0.00	25.76 -1.05 0.00	26.78 -1.03 0.00	31.16 -1.00 0.00	49.65 -2.23 0.00	63.28 -1.36 0.00	50.97 -2.85 0.00	38.47 -1.23 0.00	32.80 -1.01 0.00	30.60 -0.66 0.00	28.49 -0.73 0.00	28.19 -0.58 0.00	28.23 -1.02 0.00	31.19 -1.44 0.00	37.35 -2.05 0.00	46.79 -3.52 0.00	56.50 -3.10 0.00	51.04 -4.02 0.04	40.18 -3.26 0.00	35.89 -2.87 0.00	30.21 -2.10 0.00	27.23 -1.65 0.00
SELKIRK___I 23801	31.25 0.79 0.00	30.03 0.82 0.00	28.02 0.71 0.00	27.52 0.72 0.00	28.56 0.75 0.00	32.96 0.80 0.00	53.13 1.24 0.00	66.65 2.01 0.00	54.79 0.97 0.00	40.18 0.48 0.00	34.16 0.34 0.00	31.48 0.22 0.00	29.48 0.26 0.00	28.99 0.23 0.00	29.58 0.32 0.00	33.09 0.46 0.00	40.43 1.02 0.00	51.77 1.46 0.00	61.75 2.14 0.00	56.75 1.65 0.00	44.70 1.26 0.00	39.96 1.20 0.00	33.32 1.00 0.00	29.74 0.87 0.00
SELKIRK___II 23799	31.16 0.70 0.00	29.92 0.70 0.00	27.94 0.63 0.00	27.42 0.62 0.00	28.45 0.64 0.00	32.86 0.71 0.00	52.92 1.04 0.00	66.39 1.75 0.00	54.68 0.86 0.00	40.14 0.44 0.00	34.19 0.37 0.00	31.57 0.31 0.00	29.57 0.35 0.00	29.08 0.32 0.00	29.66 0.41 0.00	33.15 0.52 0.00	40.39 0.99 0.00	51.67 1.36 0.00	61.69 2.09 0.00	56.64 1.54 0.00	44.65 1.21 0.00	39.88 1.12 0.00	33.25 0.94 0.00	29.69 0.81 0.00
SENECA OSWGO___HYD 24041	30.28 -0.82 -0.64	28.60 -0.82 -0.20	26.58 -0.74 0.00	26.05 -0.75 0.00	27.06 -0.75 0.00	32.85 -0.77 -1.47	57.18 -1.19 -6.49	70.27 -0.91 -6.54	51.56 -2.26 0.00	38.27 -1.43 0.00	32.50 -1.32 0.00	30.07 -1.19 0.00	28.05 -1.17 0.00	27.61 -1.15 0.00	28.03 -1.23 0.00	31.23 -1.40 0.00	38.42 -0.98 0.00	50.54 -1.31 -1.54	61.59 -1.13 -3.12	56.55 -1.32 -2.78	43.79 -1.08 -1.43	37.72 -1.04 0.00	31.44 -0.87 0.00	28.17 -0.81 -0.10
SENECA___115KV_TB3 355854	29.79 -0.67 0.00	28.34 -0.88 0.00	26.66 -0.66 0.00	26.08 -0.72 0.00	27.17 -0.64 0.00	31.64 -0.51 0.00	50.53 -1.35 0.00	64.38 -0.26 0.00	51.83 -1.99 0.00	39.10 -0.60 0.00	33.34 -0.47 0.00	31.07 -0.19 0.00	28.93 -0.29 0.00	28.62 -0.14 0.00	28.67 -0.59 0.00	31.65 -0.98 0.00	37.91 -1.50 0.00	47.55 -2.77 0.00	57.34 -2.26 0.00	51.70 -3.36 0.04	40.70 -2.74 0.00	36.36 -2.40 0.00	30.60 -1.71 0.00	27.58 -1.30 0.00
SENECA___ENERGY 23797	30.12 -0.61 -0.27	28.63 -0.67 -0.08	26.77 -0.55 0.00	26.18 -0.62 0.00	27.28 -0.53 0.00	32.32 -0.45 -0.62	53.95 -0.73 -2.80	67.46 0.00 -2.82	52.26 -1.56 0.00	39.02 -0.68 0.00	33.04 -0.78 0.00	30.60 -0.66 0.00	28.49 -0.73 0.00	28.07 -0.69 0.00	28.41 -0.85 0.00	31.58 -1.05 0.00	38.62 -0.79 0.00	49.82 -1.16 -0.66	60.17 -0.78 -1.34	55.06 -1.21 -1.17	42.97 -1.08 -0.62	37.79 -0.97 0.00	31.51 -0.81 0.00	28.17 -0.75 -0.04
SHOEMAKER___GT 23640	31.89 1.43 0.00	30.56 1.34 0.00	28.51 1.20 0.00	28.01 1.21 0.00	29.03 1.22 0.00	33.47 1.32 0.00	54.01 2.13 0.00	67.87 3.23 0.00	55.86 2.04 0.00	41.09 1.39 0.00	35.07 1.25 0.00	32.32 1.06 0.00	30.30 1.08 0.00	29.83 1.06 0.00	30.54 1.29 0.00	34.10 1.47 0.00	41.33 1.93 0.00	52.83 2.51 0.00	63.54 3.93 0.00	58.02 2.92 0.00	45.83 2.39 0.00	40.89 2.13 0.00	34.09 1.78 0.00	30.47 1.59 0.00
SHOEMAKR_138KV_BK 111 55601	31.86 1.40 0.00	30.56 1.34 0.00	28.51 1.20 0.00	27.98 1.18 0.00	29.00 1.20 0.00	33.44 1.29 0.00	53.96 2.08 0.00	67.87 3.23 0.00	55.81 1.99 0.00	41.01 1.31 0.00	35.07 1.25 0.00	32.29 1.03 0.00	30.27 1.05 0.00	29.83 1.06 0.00	30.54 1.29 0.00	34.07 1.44 0.00	41.33 1.93 0.00	52.78 2.47 0.00	63.54 3.93 0.00	58.02 2.92 0.00	45.83 2.39 0.00	40.89 2.13 0.00	34.06 1.74 0.00	30.44 1.56 0.00
SHOREHAM_IC_1 23715	32.50 2.04 0.00	30.85 1.64 0.00	28.76 1.45 0.00	28.22 1.42 0.00	29.33 1.53 0.00	33.89 1.74 0.00	47.88 0.62 4.63	57.72 1.49 8.41	47.26 0.54 7.10	37.37 0.36 2.69	35.54 1.72 0.00	33.36 2.09 0.00	30.94 1.72 0.00	30.69 1.93 0.00	31.42 2.16 0.00	35.19 2.55 -0.01	41.18 1.77 0.00	52.58 2.27 0.00	63.54 3.93 0.00	58.46 3.36 0.00	46.26 2.82 0.00	41.67 2.91 0.00	34.74 2.42 0.00	31.60 2.71 -0.01
SHOREHAM_IC_2 23716	32.50 2.04 0.00	30.85 1.64 0.00	28.76 1.45 0.00	28.22 1.42 0.00	29.33 1.53 0.00	33.89 1.74 0.00	47.88 0.62 4.63	57.72 1.49 8.41	47.26 0.54 7.10	37.37 0.36 2.69	35.54 1.72 0.00	33.36 2.09 0.00	30.94 1.72 0.00	30.69 1.93 0.00	31.42 2.16 0.00	35.19 2.55 -0.01	41.18 1.77 0.00	52.58 2.27 0.00	63.54 3.93 0.00	58.46 3.36 0.00	46.26 2.82 0.00	41.67 2.91 0.00	34.74 2.42 0.00	31.60 2.71 -0.01
SISSONVILLE____ 23735	31.16 0.64 -0.06	29.97 0.73 -0.02	27.99 0.68 0.00	27.55 0.75 0.00	28.56 0.75 0.00	33.26 0.96 -0.14	58.82 5.50 -1.43	72.55 6.46 -1.44	59.09 5.27 0.00	42.48 2.78 0.00	35.61 1.79 0.00	32.86 1.59 0.00	30.59 1.37 0.00	29.94 1.18 0.00	30.31 1.05 0.00	33.84 1.21 0.00	41.57 2.17 0.00	54.28 3.62 -0.34	64.35 4.05 -0.69	59.89 4.19 -0.61	46.88 3.13 -0.32	40.74 1.98 0.00	33.67 1.36 0.00	30.06 1.16 -0.02
SITHE_IND_GS1 24169	27.44 -1.16 1.86	27.50 -1.14 0.58	26.27 -1.04 0.00	25.75 -1.05 0.00	26.75 -1.06 0.00	26.75 -1.16 4.25	31.47 -1.87 18.55	44.08 -1.88 18.68	50.86 -2.96 0.00	37.75 -1.94 0.00	32.09 -1.72 0.00	29.70 -1.56 0.00	27.70 -1.52 0.00	27.27 -1.50 0.00	27.67 -1.58 0.00	30.84 -1.79 0.00	37.91 -1.50 0.00	43.95 -1.96 4.40	48.66 -2.03 8.91	44.88 -2.09 8.12	37.64 -1.69 4.10	37.25 -1.51 0.00	31.05 -1.26 0.00	27.44 -1.16 0.28
SITHE_IND_GS2 24170	27.44 -1.16 1.86	27.50 -1.14 0.58	26.27 -1.04 0.00	25.75 -1.05 0.00	26.75 -1.06 0.00	26.75 -1.16 4.25	31.47 -1.87 18.55	44.08 -1.88 18.68	50.86 -2.96 0.00	37.75 -1.94 0.00	32.09 -1.72 0.00	29.70 -1.56 0.00	27.70 -1.52 0.00	27.27 -1.50 0.00	27.67 -1.58 0.00	30.84 -1.79 0.00	37.91 -1.50 0.00	43.95 -1.96 4.40	48.66 -2.03 8.91	44.88 -2.09 8.12	37.64 -1.69 4.10	37.25 -1.51 0.00	31.05 -1.26 0.00	27.44 -1.16 0.28
SITHE_IND_GS3 24171	27.44 -1.16 1.86	27.50 -1.14 0.58	26.27 -1.04 0.00	25.75 -1.05 0.00	26.75 -1.06 0.00	26.75 -1.16 4.25	31.47 -1.87 18.55	44.08 -1.88 18.68	50.86 -2.96 0.00	37.75 -1.94 0.00	32.09 -1.72 0.00	29.70 -1.56 0.00	27.70 -1.52 0.00	27.27 -1.50 0.00	27.67 -1.58 0.00	30.84 -1.79 0.00	37.91 -1.50 0.00	43.95 -1.96 4.40	48.66 -2.03 8.91	44.88 -2.09 8.12	37.64 -1.69 4.10	37.25 -1.51 0.00	31.05 -1.26 0.00	27.44 -1.16 0.28
SITHE_IND_GS4 24172	27.44 -1.16 1.86	27.50 -1.14 0.58	26.27 -1.04 0.00	25.75 -1.05 0.00	26.75 -1.06 0.00	26.75 -1.16 4.25	31.47 -1.87 18.55	44.08 -1.88 18.68	50.86 -2.96 0.00	37.75 -1.94 0.00	32.09 -1.72 0.00	29.70 -1.56 0.00	27.70 -1.52 0.00	27.27 -1.50 0.00	27.67 -1.58 0.00	30.84 -1.79 0.00	37.91 -1.50 0.00	43.95 -1.96 4.40	48.66 -2.03 8.91	44.88 -2.09 8.12	37.64 -1.69 4.10	37.25 -1.51 0.00	31.05 -1.26 0.00	27.44 -1.16 0.28

SITHE___BATAVIA 24024	29.73 -0.73 0.00	28.31 -0.91 0.00	26.63 -0.68 0.00	26.00 -0.80 0.00	27.14 -0.67 0.00	31.61 -0.55 0.00	50.53 -1.35 0.00	64.84 0.19 0.00	52.09 -1.72 0.00	39.30 -0.40 0.00	33.38 -0.44 0.00	30.92 -0.34 0.00	28.81 -0.41 0.00	28.48 -0.29 0.00	28.58 -0.67 0.00	31.65 -0.98 0.00	38.06 -1.34 0.00	47.95 -2.36 0.00	57.94 -1.67 0.00	52.53 -2.53 0.04	41.27 -2.17 0.00	36.82 -1.94 0.00	30.83 -1.49 0.00	27.67 -1.21 0.00
SITHE___INDEPEND 23800	27.44 -1.16 1.86	27.50 -1.14 0.58	26.27 -1.04 0.00	25.76 -1.05 0.00	26.75 -1.06 0.00	26.75 -1.16 4.25	31.47 -1.87 18.55	44.09 -1.87 18.68	50.86 -2.96 0.00	37.71 -1.98 0.00	32.09 -1.72 0.00	29.70 -1.56 0.00	27.73 -1.49 0.00	27.30 -1.47 0.00	27.67 -1.58 0.00	30.84 -1.79 0.00	37.91 -1.50 0.00	43.95 -1.96 4.40	48.66 -2.03 8.91	44.88 -2.09 8.12	37.64 -1.69 4.10	37.25 -1.51 0.00	31.05 -1.26 0.00	27.44 -1.16 0.28
SITHE___MASSENA 23902	30.94 0.49 0.00	29.77 0.55 0.00	27.83 0.52 0.00	27.39 0.59 0.00	28.36 0.56 0.00	32.89 0.74 0.00	52.97 1.09 0.00	64.77 0.13 0.00	54.79 0.97 0.00	40.29 0.60 0.00	34.29 0.47 0.00	31.67 0.41 0.00	29.57 0.35 0.00	29.08 0.32 0.00	29.55 0.29 0.00	32.92 0.29 0.00	39.88 0.47 0.00	51.02 0.70 0.00	59.43 -0.18 0.00	55.71 0.61 0.00	43.96 0.52 0.00	39.15 0.39 0.00	32.60 0.29 0.00	29.17 0.29 0.00
SITHE___OGDNSBRG 24021	31.40 0.94 0.00	30.24 1.02 0.00	28.27 0.96 0.00	27.85 1.05 0.00	28.84 1.03 0.00	33.47 1.32 0.00	61.20 7.89 -1.43	75.78 9.70 -1.44	61.25 7.43 0.00	43.47 3.77 0.00	36.29 2.47 0.00	33.48 2.22 0.00	31.18 1.96 0.00	30.43 1.67 0.00	30.78 1.52 0.00	34.39 1.76 0.00	42.44 3.03 0.00	55.79 5.13 -0.34	66.67 6.38 -0.69	61.93 6.23 -0.61	48.40 4.65 -0.32	41.94 3.18 0.00	34.58 2.26 0.00	30.84 1.93 -0.02
SITHE___STERLING 23777	31.17 0.61 -0.11	29.83 0.58 -0.03	27.89 0.57 0.00	27.34 0.54 0.00	28.42 0.61 0.00	33.20 0.80 -0.24	54.88 1.87 -1.13	68.82 3.04 -1.14	55.38 1.56 0.00	40.57 0.87 0.00	34.36 0.54 0.00	31.76 0.50 0.00	29.63 0.41 0.00	29.11 0.35 0.00	29.55 0.29 0.00	32.99 0.36 0.00	40.27 0.87 0.00	51.89 1.31 -0.27	62.17 2.03 -0.54	57.06 1.49 -0.47	44.78 1.09 -0.25	39.53 0.77 0.00	32.86 0.55 0.00	29.39 0.49 -0.02
SLEIGHT__34_KV_TB1 80719	29.56 -0.97 -0.08	28.22 -1.02 -0.02	26.44 -0.87 0.00	25.89 -0.91 0.00	26.94 -0.86 0.00	31.50 -0.84 -0.18	51.24 -1.40 -0.75	64.69 -0.71 -0.76	51.77 -2.05 0.00	38.67 -1.03 0.00	32.80 -1.01 0.00	30.48 -0.78 0.00	28.34 -0.88 0.00	27.90 -0.86 0.00	28.17 -1.08 0.00	31.32 -1.31 0.00	38.14 -1.26 0.00	48.63 -1.86 -0.18	58.42 -1.55 -0.36	53.46 -1.93 -0.29	41.95 -1.65 -0.17	37.21 -1.55 0.00	31.02 -1.29 0.00	27.71 -1.18 -0.01
SOUTH CAIRO___GT 23612	31.83 1.37 0.00	30.68 1.46 0.00	28.65 1.34 0.00	28.17 1.37 0.00	29.22 1.42 0.00	33.86 1.70 0.00	54.69 2.80 0.00	68.45 3.81 0.00	56.24 2.42 0.00	40.93 1.23 0.00	34.46 0.64 0.00	31.57 0.31 0.00	29.60 0.38 0.00	29.02 0.26 0.00	29.72 0.47 0.00	33.41 0.78 0.00	41.10 1.69 0.00	53.08 2.77 0.00	63.60 3.99 0.00	58.30 3.20 0.00	45.91 2.48 0.00	40.85 2.09 0.00	33.90 1.58 0.00	30.26 1.39 0.00
SOUTH HAMPTN___IC 23720	32.50 2.04 0.00	30.85 1.64 0.00	28.76 1.45 0.00	28.25 1.45 0.00	29.39 1.58 0.00	33.95 1.80 0.00	47.98 0.73 4.63	57.90 1.68 8.42	47.46 0.75 7.11	37.56 0.56 2.69	35.78 1.96 0.00	33.64 2.37 0.00	31.18 1.96 0.00	30.95 2.19 0.00	31.71 2.46 0.00	35.51 2.87 -0.01	41.65 2.24 0.00	53.23 2.92 0.00	64.31 4.71 0.00	59.12 4.02 0.00	46.70 3.26 0.00	42.09 3.33 0.00	34.99 2.68 0.00	31.83 2.95 -0.01
SOUTHDOW_115KV_TB1 355954	30.76 0.30 0.00	29.22 0.00 0.00	27.53 0.22 0.00	26.91 0.11 0.00	28.11 0.31 0.00	32.86 0.71 0.00	52.82 0.93 0.00	67.36 2.71 0.00	54.03 0.22 0.00	40.73 1.03 0.00	34.73 0.91 0.00	32.26 1.00 0.00	30.01 0.79 0.00	29.74 0.98 0.00	29.72 0.47 0.00	32.73 0.10 0.00	39.21 -0.20 0.00	49.21 -1.11 0.00	59.42 -0.18 0.00	53.30 -1.76 0.03	41.79 -1.65 0.00	37.21 -1.55 0.00	31.28 -1.03 0.00	28.10 -0.78 0.00
SOUTHOLD_69_KV_BK 2 55809	32.35 1.89 0.00	30.68 1.46 0.00	28.62 1.31 0.00	28.11 1.31 0.00	29.28 1.47 0.00	33.70 1.54 0.00	47.82 0.57 4.63	57.90 1.68 8.42	47.52 0.81 7.11	37.60 0.60 2.69	36.05 2.23 0.00	33.70 2.44 0.00	31.44 2.22 0.00	31.24 2.47 0.00	32.09 2.84 0.00	36.03 3.39 -0.01	42.36 2.96 0.00	54.29 3.97 0.00	65.56 5.96 0.00	60.22 5.12 0.00	47.52 4.08 0.00	42.67 3.91 0.00	35.29 2.97 0.00	32.08 3.21 0.00
SOUTHOLD___IC 23719	32.35 1.89 0.00	30.68 1.46 0.00	28.62 1.31 0.00	28.14 1.34 0.00	29.28 1.47 0.00	33.82 1.67 0.00	47.88 0.62 4.63	57.90 1.68 8.42	47.52 0.81 7.11	37.68 0.67 2.69	35.95 2.13 0.00	33.92 2.66 0.00	31.47 2.25 0.00	31.30 2.53 0.00	32.09 2.84 0.00	35.93 3.29 -0.01	42.24 2.84 0.00	54.04 3.72 0.00	65.33 5.72 0.00	60.00 4.90 0.00	47.35 3.91 0.00	42.64 3.88 0.00	35.28 2.97 0.00	32.12 3.23 -0.01
SOUTH_FORK_WT_PWR 323839	32.01 1.55 0.00	30.35 1.14 0.00	28.32 1.01 0.00	27.84 1.04 0.00	28.97 1.17 0.00	33.47 1.32 0.00	47.35 0.10 4.63	57.25 1.03 8.42	47.09 0.38 7.11	37.44 0.44 2.69	35.78 1.96 0.00	33.82 2.56 0.00	31.44 2.22 0.00	31.30 2.53 0.00	32.09 2.84 0.00	35.97 3.33 -0.01	42.28 2.87 0.00	54.14 3.82 0.00	65.38 5.78 0.00	60.06 4.96 0.00	47.35 3.91 0.00	42.67 3.91 0.00	35.28 2.97 0.00	32.12 3.23 -0.01
SPIERFLS_115KV_TB 1 80737	32.32 1.86 0.00	31.12 1.90 0.00	29.01 1.69 0.00	28.44 1.63 0.00	29.59 1.78 0.00	33.41 1.25 0.00	54.01 2.13 0.00	68.07 3.43 0.00	55.97 2.15 0.00	40.85 1.15 0.00	34.59 0.78 0.00	31.92 0.66 0.00	29.92 0.70 0.00	29.25 0.49 0.00	29.78 0.53 0.00	33.35 0.72 0.00	40.82 1.42 0.00	52.28 1.96 0.00	62.46 2.86 0.00	57.36 2.26 0.00	44.92 1.48 0.00	40.08 1.32 0.00	33.64 1.32 0.00	30.73 1.85 0.00
ST LAWRENCE____ 23600	30.58 0.12 0.00	29.39 0.18 0.00	27.48 0.16 0.00	26.99 0.19 0.00	27.97 0.17 0.00	32.38 0.23 0.00	52.25 0.37 0.00	63.99 -0.65 0.00	54.09 0.27 0.00	39.82 0.12 0.00	33.92 0.10 0.00	31.32 0.06 0.00	29.25 0.03 0.00	28.76 0.00 0.00	29.25 0.00 0.00	32.60 -0.03 0.00	39.44 0.04 0.00	50.47 0.15 0.00	58.89 -0.71 0.00	55.15 0.06 0.00	43.48 0.04 0.00	38.80 0.04 0.00	32.31 0.00 0.00	28.88 0.00 0.00
STATE_CA_115KV_115_LB 55624	31.22 0.76 0.00	30.01 0.79 0.00	27.99 0.68 0.00	27.47 0.67 0.00	28.53 0.72 0.00	32.93 0.77 0.00	53.08 1.19 0.00	66.71 2.07 0.00	54.90 1.08 0.00	40.29 0.60 0.00	34.36 0.54 0.00	31.70 0.44 0.00	29.69 0.47 0.00	29.22 0.46 0.00	29.78 0.53 0.00	33.28 0.65 0.00	40.59 1.18 0.00	51.92 1.61 0.00	61.99 2.38 0.00	56.86 1.76 0.00	44.83 1.39 0.00	40.04 1.28 0.00	33.35 1.03 0.00	29.77 0.90 0.00

STATE_ST_34_KV_LOAD 55959	30.32 -0.46 -0.32	28.82 -0.50 -0.10	26.90 -0.41 0.00	26.34 -0.46 0.00	27.39 -0.42 0.00	32.57 -0.32 -0.73	54.80 -0.42 -3.33	68.19 0.19 -3.36	52.53 -1.29 0.00	39.02 -0.67 0.00	33.11 -0.71 0.00	30.70 -0.56 0.00	28.58 -0.64 0.00	28.13 -0.63 0.00	28.49 -0.76 0.00	31.72 -0.91 0.00	38.89 -0.51 0.00	50.45 -0.65 -0.79	60.91 -0.30 -1.60	55.85 -0.66 -1.41	43.57 -0.61 -0.74	38.14 -0.62 0.00	31.76 -0.55 0.00	28.41 -0.52 -0.05
STATION_5_MISC_HYD 23604	29.57 -0.88 0.00	28.25 -0.96 0.00	26.49 -0.82 0.00	25.89 -0.91 0.00	27.00 -0.81 0.00	31.35 -0.80 0.00	50.33 -1.56 0.00	64.06 -0.58 0.00	51.77 -2.05 0.00	38.82 -0.87 0.00	33.01 -0.81 0.00	30.57 -0.69 0.00	28.52 -0.70 0.00	28.13 -0.63 0.00	28.35 -0.91 0.00	31.46 -1.17 0.00	38.10 -1.30 0.00	48.25 -2.07 0.00	57.94 -1.67 0.00	52.91 -2.15 0.04	41.57 -1.87 0.00	37.09 -1.67 0.00	30.96 -1.36 0.00	27.72 -1.16 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.93 -0.61 -0.08	28.57 -0.67 -0.02	26.77 -0.55 0.00	26.21 -0.59 0.00	27.28 -0.53 0.00	31.92 -0.42 -0.18	51.85 -0.78 -0.74	65.65 0.26 -0.75	52.47 -1.35 0.00	39.22 -0.48 0.00	33.28 -0.54 0.00	30.89 -0.38 0.00	28.75 -0.47 0.00	28.28 -0.49 0.00	28.55 -0.70 0.00	31.72 -0.91 0.00	38.62 -0.79 0.00	49.18 -1.31 -0.18	59.13 -0.83 -0.36	54.06 -1.32 -0.28	42.39 -1.22 -0.16	37.67 -1.09 0.00	31.38 -0.94 0.00	28.05 -0.84 -0.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.42 -1.04 0.00	28.11 -1.11 0.00	26.36 -0.96 0.00	25.84 -0.96 0.00	26.86 -0.95 0.00	31.22 -0.93 0.00	49.91 -1.97 0.00	63.41 -1.23 0.00	51.29 -2.53 0.00	38.43 -1.27 0.00	32.63 -1.18 0.00	30.32 -0.94 0.00	28.26 -0.96 0.00	27.82 -0.95 0.00	28.06 -1.20 0.00	31.13 -1.50 0.00	37.79 -1.62 0.00	47.90 -2.42 0.00	57.46 -2.15 0.00	52.52 -2.53 0.04	41.27 -2.17 0.00	36.82 -1.94 0.00	30.73 -1.58 0.00	27.46 -1.42 0.00
STA_56___34_KV_BUS2 355983	29.42 -1.04 0.00	28.11 -1.11 0.00	26.36 -0.96 0.00	25.84 -0.96 0.00	26.86 -0.95 0.00	31.22 -0.93 0.00	49.91 -1.97 0.00	63.41 -1.23 0.00	51.29 -2.53 0.00	38.43 -1.27 0.00	32.63 -1.18 0.00	30.32 -0.94 0.00	28.26 -0.96 0.00	27.82 -0.95 0.00	28.06 -1.20 0.00	31.13 -1.50 0.00	37.79 -1.62 0.00	47.90 -2.42 0.00	57.46 -2.15 0.00	52.52 -2.53 0.04	41.27 -2.17 0.00	36.82 -1.94 0.00	30.73 -1.58 0.00	27.46 -1.42 0.00
STA_67___115KV_BK2 355882	29.55 -0.91 0.00	28.19 -1.02 0.00	26.44 -0.87 0.00	25.92 -0.88 0.00	26.94 -0.86 0.00	31.32 -0.84 0.00	50.28 -1.61 0.00	63.93 -0.71 0.00	51.67 -2.15 0.00	38.74 -0.95 0.00	32.94 -0.88 0.00	30.60 -0.66 0.00	28.52 -0.70 0.00	28.07 -0.69 0.00	28.29 -0.97 0.00	31.39 -1.24 0.00	38.02 -1.38 0.00	48.10 -2.21 0.00	57.82 -1.79 0.00	52.80 -2.26 0.04	41.48 -1.95 0.00	37.02 -1.74 0.00	30.92 -1.39 0.00	27.67 -1.21 0.00
STA_7___115KV_9TRANS 80674	29.70 -0.76 0.00	28.34 -0.88 0.00	26.57 -0.74 0.00	26.05 -0.75 0.00	27.08 -0.72 0.00	31.51 -0.64 0.00	50.59 -1.30 0.00	64.32 -0.32 0.00	52.04 -1.78 0.00	39.02 -0.67 0.00	33.17 -0.64 0.00	30.82 -0.44 0.00	28.72 -0.50 0.00	28.28 -0.49 0.00	28.46 -0.79 0.00	31.59 -1.04 0.00	38.26 -1.14 0.00	48.45 -1.86 0.00	58.23 -1.37 0.00	53.18 -1.87 0.04	41.74 -1.69 0.00	37.25 -1.51 0.00	31.09 -1.23 0.00	27.81 -1.07 0.00
STA_82___115KV_TB1 80780	29.55 -0.91 0.00	28.19 -1.02 0.00	26.47 -0.85 0.00	25.92 -0.88 0.00	26.94 -0.86 0.00	31.35 -0.80 0.00	50.33 -1.56 0.00	63.93 -0.71 0.00	51.67 -2.15 0.00	38.74 -0.95 0.00	32.94 -0.88 0.00	30.64 -0.63 0.00	28.52 -0.70 0.00	28.10 -0.66 0.00	28.29 -0.97 0.00	31.42 -1.21 0.00	38.02 -1.38 0.00	48.15 -2.16 0.00	57.82 -1.79 0.00	52.80 -2.26 0.04	41.48 -1.95 0.00	37.02 -1.74 0.00	30.92 -1.39 0.00	27.67 -1.21 0.00
STEEL___WIND 323596	29.76 -0.70 0.00	28.31 -0.91 0.00	26.63 -0.68 0.00	25.97 -0.83 0.00	27.14 -0.67 0.00	31.58 -0.58 0.00	50.38 -1.51 0.00	64.32 -0.32 0.00	51.72 -2.10 0.00	39.06 -0.64 0.00	33.31 -0.51 0.00	30.85 -0.41 0.00	28.78 -0.44 0.00	28.56 -0.20 0.00	28.61 -0.64 0.00	31.62 -1.01 0.00	37.87 -1.54 0.00	47.50 -2.82 0.00	57.34 -2.26 0.00	51.76 -3.30 0.04	40.70 -2.74 0.00	36.32 -2.44 0.00	30.57 -1.75 0.00	27.55 -1.33 0.00
STEPHTWN_115KV_BK_2 55603	31.37 0.91 0.00	30.15 0.93 0.00	28.13 0.82 0.00	27.60 0.80 0.00	28.67 0.86 0.00	33.12 0.96 0.00	53.44 1.56 0.00	67.16 2.52 0.00	55.27 1.45 0.00	40.53 0.83 0.00	34.53 0.71 0.00	31.85 0.59 0.00	29.83 0.61 0.00	29.34 0.58 0.00	29.90 0.64 0.00	33.45 0.82 0.00	40.86 1.46 0.00	52.33 2.01 0.00	62.52 2.92 0.00	57.36 2.26 0.00	45.13 1.69 0.00	40.31 1.55 0.00	33.57 1.26 0.00	29.98 1.10 0.00
STEUBEN_REC_LFGE 323667	30.58 0.03 -0.09	29.01 -0.23 -0.03	27.26 -0.05 0.00	26.67 -0.13 0.00	27.81 0.00 0.00	32.69 0.32 -0.21	53.29 0.52 -0.89	67.61 2.07 -0.90	53.82 0.00 0.00	40.37 0.67 0.00	34.19 0.37 0.00	31.79 0.53 0.00	29.51 0.29 0.00	29.11 0.35 0.00	29.28 0.03 0.00	32.43 -0.20 0.00	39.17 -0.24 0.00	49.77 -0.75 -0.21	59.85 -0.18 -0.43	54.08 -1.38 -0.35	42.38 -1.26 -0.20	37.52 -1.24 0.00	31.34 -0.97 0.00	28.11 -0.78 -0.01
STILLWATER___SOLAR 323814	31.98 1.52 0.00	30.76 1.55 0.00	28.68 1.37 0.00	28.17 1.37 0.00	29.25 1.45 0.00	33.57 1.41 0.00	54.16 2.28 0.00	68.13 3.49 0.00	55.97 2.15 0.00	40.97 1.27 0.00	34.83 1.01 0.00	32.11 0.84 0.00	30.10 0.88 0.00	29.54 0.78 0.00	30.10 0.85 0.00	33.67 1.04 0.00	41.13 1.73 0.00	52.73 2.41 0.00	63.00 3.40 0.00	57.80 2.70 0.00	45.44 2.00 0.00	40.58 1.82 0.00	33.90 1.58 0.00	30.47 1.59 0.00
STONY___BROOK 24151	32.56 2.10 0.00	30.94 1.72 0.00	28.81 1.50 0.00	28.30 1.50 0.00	29.42 1.61 0.00	33.95 1.80 0.00	47.94 0.67 4.62	57.61 1.36 8.39	47.39 0.65 7.08	37.41 0.40 2.68	35.61 1.79 0.00	33.42 2.16 0.00	30.97 1.75 0.00	30.72 1.96 0.00	31.45 2.20 0.00	35.15 2.51 -0.01	41.29 1.89 0.00	52.53 2.21 0.00	63.42 3.82 0.00	58.13 3.03 0.00	46.13 2.69 0.00	41.59 2.83 0.00	34.74 2.42 0.00	31.57 2.69 -0.01
STURGEON_POOL_HYD 23609	31.53 1.07 0.00	30.21 0.99 0.00	28.19 0.87 0.00	27.66 0.86 0.00	28.67 0.86 0.00	33.02 0.87 0.00	53.18 1.30 0.00	66.84 2.20 0.00	55.06 1.24 0.00	40.57 0.87 0.00	34.83 1.01 0.00	32.11 0.84 0.00	30.10 0.88 0.00	29.68 0.92 0.00	30.34 1.08 0.00	33.80 1.17 0.00	40.90 1.50 0.00	52.02 1.71 0.00	62.58 2.98 0.00	57.25 2.15 0.00	45.22 1.78 0.00	40.39 1.63 0.00	33.70 1.39 0.00	30.12 1.24 0.00
ST_LAW_115_BK7_LBMP 345037	30.61 0.15 0.00	29.42 0.21 0.00	27.50 0.19 0.00	27.01 0.21 0.00	28.00 0.20 0.00	32.41 0.26 0.00	52.25 0.37 0.00	63.99 -0.65 0.00	54.09 0.27 0.00	39.82 0.12 0.00	33.92 0.10 0.00	31.32 0.06 0.00	29.25 0.03 0.00	28.76 0.00 0.00	29.25 0.00 0.00	32.60 -0.03 0.00	39.44 0.04 0.00	50.47 0.15 0.00	58.89 -0.71 0.00	55.15 0.06 0.00	43.48 0.04 0.00	38.80 0.04 0.00	32.31 0.00 0.00	28.88 0.00 0.00

ST_LAW_115_BK8_LBMP 345038	30.61 0.15 0.00	29.42 0.21 0.00	27.50 0.19 0.00	27.01 0.21 0.00	28.00 0.20 0.00	32.41 0.26 0.00	52.25 0.37 0.00	63.99 -0.65 0.00	54.09 0.27 0.00	39.82 0.12 0.00	33.92 0.10 0.00	31.32 0.06 0.00	29.25 0.03 0.00	28.76 0.00 0.00	29.25 0.00 0.00	32.60 -0.03 0.00	39.44 0.04 0.00	50.47 0.15 0.00	58.89 -0.71 0.00	55.15 0.06 0.00	43.48 0.04 0.00	38.80 0.04 0.00	32.31 0.00 0.00	28.88 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	30.58 0.12 0.00	29.39 0.18 0.00	27.48 0.16 0.00	26.99 0.19 0.00	27.97 0.17 0.00	32.38 0.23 0.00	52.25 0.37 0.00	63.99 -0.65 0.00	54.09 0.27 0.00	39.82 0.12 0.00	33.92 0.10 0.00	31.32 0.06 0.00	29.25 0.03 0.00	28.76 0.00 0.00	29.25 0.00 0.00	32.60 -0.03 0.00	39.44 0.04 0.00	50.47 0.15 0.00	58.89 -0.71 0.00	55.15 0.06 0.00	43.48 0.04 0.00	38.80 0.04 0.00	32.31 0.00 0.00	28.88 0.00 0.00
ST_LAW_230_BK6_LBMP 345036	30.58 0.12 0.00	29.39 0.18 0.00	27.48 0.16 0.00	26.99 0.19 0.00	27.97 0.17 0.00	32.38 0.23 0.00	52.25 0.37 0.00	63.99 -0.65 0.00	54.09 0.27 0.00	39.82 0.12 0.00	33.92 0.10 0.00	31.32 0.06 0.00	29.25 0.03 0.00	28.76 0.00 0.00	29.25 0.00 0.00	32.60 -0.03 0.00	39.44 0.04 0.00	50.47 0.15 0.00	58.89 -0.71 0.00	55.15 0.06 0.00	43.48 0.04 0.00	38.80 0.04 0.00	32.31 0.00 0.00	28.88 0.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.71 1.25 0.00	30.39 1.17 0.00	28.32 1.01 0.00	27.79 0.99 0.00	28.84 1.03 0.00	33.22 1.06 0.00	53.54 1.66 0.00	67.42 2.78 0.00	55.43 1.61 0.00	40.81 1.11 0.00	34.97 1.15 0.00	32.23 0.97 0.00	30.21 0.99 0.00	29.80 1.04 0.00	30.45 1.20 0.00	33.93 1.31 0.00	41.14 1.73 0.00	52.43 2.11 0.00	63.00 3.40 0.00	57.63 2.53 0.00	45.48 2.04 0.00	40.62 1.86 0.00	33.90 1.58 0.00	30.29 1.42 0.00
SWANROAD_115KV_TB1 355699	28.72 -1.74 0.00	27.32 -1.90 0.00	25.70 -1.61 0.00	25.17 -1.63 0.00	26.17 -1.64 0.00	30.45 -1.70 0.00	48.41 -3.48 0.00	61.73 -2.91 0.00	49.67 -4.14 0.00	37.55 -2.14 0.00	32.02 -1.79 0.00	29.89 -1.38 0.00	27.85 -1.37 0.00	27.53 -1.24 0.00	27.56 -1.70 0.00	30.44 -2.19 0.00	36.41 -2.99 0.00	45.58 -4.73 0.00	55.07 -4.53 0.00	49.83 -5.23 0.04	39.23 -4.21 0.00	35.04 -3.72 0.00	29.50 -2.81 0.00	26.60 -2.28 0.00
SYNERGY___BIOGAS 323694	29.73 -0.73 0.00	28.31 -0.91 0.00	26.63 -0.68 0.00	26.00 -0.80 0.00	27.14 -0.67 0.00	31.61 -0.55 0.00	50.53 -1.35 0.00	64.84 0.19 0.00	52.09 -1.72 0.00	39.30 -0.40 0.00	33.38 -0.44 0.00	30.92 -0.34 0.00	28.81 -0.41 0.00	28.48 -0.29 0.00	28.58 -0.67 0.00	31.65 -0.98 0.00	38.06 -1.34 0.00	47.95 -2.36 0.00	57.94 -1.67 0.00	52.53 -2.53 0.04	41.27 -2.17 0.00	36.82 -1.94 0.00	30.83 -1.49 0.00	27.67 -1.21 0.00
SYRACUSE___ENERGY_ST1 323597	30.33 -0.49 -0.36	28.83 -0.50 -0.11	26.87 -0.44 0.00	26.34 -0.46 0.00	27.36 -0.44 0.00	32.56 -0.42 -0.82	55.05 -0.57 -3.73	68.27 -0.13 -3.76	52.31 -1.51 0.00	38.78 -0.91 0.00	32.94 -0.88 0.00	30.51 -0.75 0.00	28.43 -0.79 0.00	27.99 -0.78 0.00	28.38 -0.88 0.00	31.62 -1.01 0.00	38.81 -0.59 0.00	50.39 -0.81 -0.88	60.86 -0.54 -1.79	55.85 -0.83 -1.58	43.57 -0.70 -0.83	38.10 -0.66 0.00	31.76 -0.55 0.00	28.39 -0.55 -0.06
SYRACUSE___ENERGY_ST2 323598	30.33 -0.49 -0.36	28.83 -0.50 -0.11	26.87 -0.44 0.00	26.34 -0.46 0.00	27.36 -0.44 0.00	32.56 -0.42 -0.82	55.05 -0.57 -3.73	68.27 -0.13 -3.76	52.31 -1.51 0.00	38.78 -0.91 0.00	32.94 -0.88 0.00	30.51 -0.75 0.00	28.43 -0.79 0.00	27.99 -0.78 0.00	28.38 -0.88 0.00	31.62 -1.01 0.00	38.81 -0.59 0.00	50.39 -0.81 -0.88	60.86 -0.54 -1.79	55.85 -0.83 -1.58	43.57 -0.70 -0.83	38.10 -0.66 0.00	31.76 -0.55 0.00	28.39 -0.55 -0.06
SYRACUSE___POWER 24017	30.21 -0.49 -0.24	28.76 -0.53 -0.07	26.87 -0.44 0.00	26.32 -0.48 0.00	27.33 -0.47 0.00	32.24 -0.45 -0.54	53.68 -0.62 -2.42	66.88 -0.19 -2.44	52.31 -1.51 0.00	38.78 -0.91 0.00	32.97 -0.85 0.00	30.54 -0.72 0.00	28.46 -0.76 0.00	28.02 -0.75 0.00	28.44 -0.82 0.00	31.65 -0.98 0.00	38.81 -0.59 0.00	50.08 -0.81 -0.57	60.23 -0.54 -1.16	55.29 -0.83 -1.01	43.28 -0.70 -0.54	38.10 -0.66 0.00	31.76 -0.55 0.00	28.40 -0.52 -0.04
TALLMAN___138KV_BK151 55660	31.71 1.25 0.00	30.36 1.14 0.00	28.29 0.98 0.00	27.77 0.96 0.00	28.78 0.97 0.00	33.15 1.00 0.00	53.39 1.50 0.00	67.36 2.71 0.00	55.33 1.51 0.00	40.73 1.03 0.00	35.00 1.18 0.00	32.29 1.03 0.00	30.27 1.05 0.00	29.89 1.12 0.00	30.51 1.26 0.00	33.97 1.34 0.00	41.14 1.73 0.00	52.38 2.06 0.00	62.94 3.34 0.00	57.58 2.48 0.00	45.39 1.95 0.00	40.62 1.86 0.00	33.93 1.62 0.00	30.32 1.44 0.00
TEALLAVE_115KV_TB7 355573	30.05 -0.61 -0.20	28.66 -0.61 -0.06	26.77 -0.55 0.00	26.24 -0.56 0.00	27.25 -0.56 0.00	32.05 -0.55 -0.45	53.02 -0.88 -2.02	66.22 -0.45 -2.03	52.10 -1.72 0.00	38.63 -1.07 0.00	32.84 -0.98 0.00	30.45 -0.81 0.00	28.37 -0.85 0.00	27.93 -0.83 0.00	28.32 -0.94 0.00	31.55 -1.08 0.00	38.65 -0.75 0.00	49.79 -1.01 -0.48	59.80 -0.77 -0.97	54.83 -1.10 -0.84	42.97 -0.91 -0.45	37.95 -0.81 0.00	31.64 -0.68 0.00	28.27 -0.64 -0.03
TELGRAPH_34_KV_EAST 80808	29.36 -1.10 0.00	27.96 -1.26 0.00	26.30 -1.01 0.00	25.76 -1.05 0.00	26.81 -1.00 0.00	31.22 -0.93 0.00	49.86 -2.02 0.00	63.67 -0.97 0.00	51.24 -2.58 0.00	38.67 -1.03 0.00	32.94 -0.88 0.00	30.70 -0.56 0.00	28.55 -0.67 0.00	28.19 -0.58 0.00	28.26 -0.99 0.00	31.26 -1.37 0.00	37.47 -1.93 0.00	47.09 -3.22 0.00	56.86 -2.74 0.00	51.48 -3.58 0.04	40.49 -2.95 0.00	36.16 -2.60 0.00	30.34 -1.97 0.00	27.29 -1.59 0.00
TEMPLE___115KV_TB 2 55572	30.04 -0.61 -0.19	28.66 -0.61 -0.06	26.77 -0.55 0.00	26.24 -0.56 0.00	27.25 -0.56 0.00	32.05 -0.55 -0.44	53.06 -0.83 -2.01	66.21 -0.45 -2.02	52.10 -1.72 0.00	38.67 -1.03 0.00	32.87 -0.95 0.00	30.45 -0.81 0.00	28.40 -0.82 0.00	27.93 -0.83 0.00	28.35 -0.91 0.00	31.55 -1.08 0.00	38.69 -0.71 0.00	49.78 -1.01 -0.48	59.79 -0.77 -0.96	54.89 -1.05 -0.83	43.01 -0.87 -0.44	37.95 -0.81 0.00	31.64 -0.68 0.00	28.27 -0.64 -0.03
TIANA____69_KV_BK 1 55817	32.53 2.07 0.00	30.91 1.69 0.00	28.79 1.47 0.00	28.25 1.45 0.00	29.42 1.61 0.00	33.86 1.70 0.00	47.98 0.73 4.63	57.97 1.75 8.42	47.46 0.75 7.11	37.44 0.44 2.69	35.81 2.00 0.00	33.36 2.09 0.00	31.09 1.87 0.00	30.84 2.07 0.00	31.62 2.37 0.00	35.51 2.87 -0.01	41.65 2.25 0.00	53.33 3.02 0.00	64.37 4.77 0.00	59.18 4.08 0.00	46.74 3.30 0.00	42.02 3.26 0.00	34.93 2.62 0.00	31.77 2.89 0.00
TILDEN___115KV_TB1 80814	30.21 -0.49 -0.24	28.76 -0.53 -0.07	26.87 -0.44 0.00	26.32 -0.48 0.00	27.33 -0.47 0.00	32.24 -0.45 -0.54	53.68 -0.62 -2.42	66.88 -0.19 -2.44	52.31 -1.51 0.00	38.78 -0.91 0.00	32.97 -0.85 0.00	30.54 -0.72 0.00	28.46 -0.76 0.00	28.02 -0.75 0.00	28.44 -0.82 0.00	31.65 -0.98 0.00	38.81 -0.59 0.00	50.08 -0.81 -0.57	60.23 -0.54 -1.16	55.29 -0.83 -1.01	43.28 -0.70 -0.54	38.10 -0.66 0.00	31.76 -0.55 0.00	28.40 -0.52 -0.04

TRIGEN___CC 323695	32.23 1.77 0.00	30.74 1.52 0.00	28.65 1.34 0.00	28.09 1.29 0.00	29.17 1.36 0.00	33.50 1.35 0.00	51.56 0.78 1.11	64.50 1.87 2.02	52.98 0.86 1.70	39.62 0.56 0.64	35.47 1.66 0.00	32.92 1.66 0.00	30.74 1.52 0.00	30.40 1.64 0.00	31.10 1.84 0.00	34.77 2.12 -0.02	41.18 1.77 0.00	52.38 2.06 0.00	63.12 3.52 0.00	57.74 2.64 0.00	45.61 2.17 0.00	41.01 2.25 0.00	34.35 2.04 0.00	30.99 2.11 0.00
TRINITY___115KV___4 BK 55933	31.16 0.70 0.00	29.95 0.73 0.00	27.94 0.63 0.00	27.42 0.62 0.00	28.47 0.67 0.00	32.86 0.71 0.00	52.92 1.04 0.00	66.45 1.81 0.00	54.68 0.86 0.00	40.17 0.48 0.00	34.26 0.44 0.00	31.60 0.34 0.00	29.63 0.41 0.00	29.14 0.37 0.00	29.72 0.47 0.00	33.22 0.59 0.00	40.51 1.10 0.00	51.77 1.46 0.00	61.81 2.21 0.00	56.70 1.60 0.00	44.70 1.26 0.00	39.92 1.16 0.00	33.28 0.97 0.00	29.72 0.84 0.00
UNION___PROCESSING_DRP 323587	29.55 -0.91 0.00	28.22 -0.99 0.00	26.47 -0.85 0.00	25.94 -0.86 0.00	26.97 -0.83 0.00	31.35 -0.80 0.00	50.33 -1.56 0.00	63.99 -0.65 0.00	51.72 -2.10 0.00	38.78 -0.91 0.00	32.94 -0.88 0.00	30.64 -0.63 0.00	28.55 -0.67 0.00	28.10 -0.66 0.00	28.32 -0.94 0.00	31.42 -1.21 0.00	38.06 -1.34 0.00	48.15 -2.16 0.00	57.88 -1.73 0.00	52.80 -2.26 0.04	41.53 -1.91 0.00	37.05 -1.71 0.00	30.92 -1.39 0.00	27.69 -1.18 0.00
UPPER HUDSON___HYD 24058	32.32 1.86 0.00	31.11 1.90 0.00	29.01 1.69 0.00	28.46 1.66 0.00	29.59 1.78 0.00	33.41 1.25 0.00	54.01 2.13 0.00	68.06 3.42 0.00	55.97 2.15 0.00	40.89 1.19 0.00	34.63 0.81 0.00	31.92 0.66 0.00	29.92 0.70 0.00	29.25 0.49 0.00	29.78 0.53 0.00	33.35 0.72 0.00	40.82 1.42 0.00	52.27 1.96 0.00	62.52 2.92 0.00	57.36 2.26 0.00	44.96 1.52 0.00	40.08 1.32 0.00	33.64 1.33 0.00	30.73 1.85 0.00
UPPER RAQUET___HYD 24056	31.16 0.64 -0.06	29.97 0.73 -0.02	27.99 0.68 0.00	27.55 0.75 0.00	28.56 0.75 0.00	33.26 0.96 -0.14	58.81 5.50 -1.43	72.55 6.46 -1.44	59.10 5.28 0.00	42.32 2.62 0.00	35.61 1.79 0.00	32.85 1.59 0.00	30.59 1.37 0.00	29.94 1.18 0.00	30.31 1.05 0.00	33.84 1.21 0.00	41.61 2.21 0.00	54.28 3.62 -0.34	64.40 4.11 -0.69	59.95 4.24 -0.61	46.89 3.13 -0.32	40.77 2.01 0.00	33.67 1.36 0.00	30.06 1.16 -0.02
VALLEY44_115KV_TB2 355964	30.09 -0.37 0.00	28.54 -0.67 0.00	26.82 -0.49 0.00	26.21 -0.59 0.00	27.33 -0.47 0.00	31.90 -0.26 0.00	51.21 -0.67 0.00	64.96 0.32 0.00	52.69 -1.13 0.00	39.62 -0.08 0.00	33.72 -0.10 0.00	31.35 0.09 0.00	29.22 0.00 0.00	28.91 0.14 0.00	28.99 -0.26 0.00	31.94 -0.69 0.00	38.34 -1.06 0.00	48.35 -1.96 0.00	58.41 -1.19 0.00	52.31 -2.75 0.03	41.27 -2.17 0.00	36.90 -1.86 0.00	31.18 -1.13 0.00	28.21 -0.66 0.00
VALLEY___115KV_TB 1-4 80826	30.25 -0.21 0.00	29.07 -0.15 0.00	27.18 -0.14 0.00	26.69 -0.11 0.00	27.72 -0.08 0.00	32.06 -0.10 0.00	51.88 0.00 0.00	64.90 0.26 0.00	53.66 -0.16 0.00	39.42 -0.28 0.00	33.55 -0.27 0.00	31.01 -0.25 0.00	28.99 -0.23 0.00	28.53 -0.23 0.00	29.02 -0.23 0.00	32.37 -0.26 0.00	39.21 -0.20 0.00	50.06 -0.25 0.00	59.37 -0.24 0.00	54.49 -0.61 0.00	42.87 -0.56 0.00	38.14 -0.62 0.00	31.70 -0.61 0.00	28.30 -0.58 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.86 1.34 -0.06	30.52 1.29 -0.02	28.51 1.20 0.00	27.98 1.18 0.00	29.06 1.25 0.00	33.75 1.45 -0.15	55.37 2.85 -0.64	69.61 4.33 -0.64	56.56 2.74 0.00	41.40 1.71 0.00	35.10 1.29 0.00	32.42 1.16 0.00	30.30 1.08 0.00	29.83 1.06 0.00	30.28 1.02 0.00	33.80 1.17 0.00	41.18 1.77 0.00	52.83 2.36 -0.15	63.31 3.40 -0.31	58.01 2.64 -0.26	45.62 2.04 -0.14	40.47 1.71 0.00	33.74 1.42 0.00	30.16 1.27 -0.01
VISCHER___FERRY HYD 24020	31.65 1.19 0.00	30.41 1.20 0.00	28.38 1.06 0.00	27.87 1.07 0.00	28.92 1.11 0.00	33.31 1.16 0.00	53.65 1.77 0.00	67.36 2.71 0.00	55.43 1.61 0.00	40.65 0.95 0.00	34.66 0.85 0.00	32.01 0.75 0.00	29.98 0.76 0.00	29.48 0.72 0.00	30.04 0.79 0.00	33.61 0.98 0.00	41.02 1.62 0.00	52.48 2.16 0.00	62.64 3.04 0.00	57.41 2.31 0.00	45.26 1.82 0.00	40.43 1.67 0.00	33.73 1.42 0.00	30.21 1.33 0.00
V_A_10_SYNC_DSASP 323832	29.12 -1.34 0.00	27.76 -1.46 0.00	26.08 -1.23 0.00	25.46 -1.34 0.00	26.56 -1.25 0.00	30.83 -1.32 0.00	49.18 -2.70 0.00	62.70 -1.94 0.00	50.48 -3.34 0.00	38.07 -1.63 0.00	32.43 -1.39 0.00	30.07 -1.19 0.00	28.08 -1.14 0.00	27.79 -0.98 0.00	27.91 -1.35 0.00	30.93 -1.70 0.00	37.16 -2.24 0.00	46.74 -3.57 0.00	56.33 -3.28 0.00	51.20 -3.86 0.04	40.31 -3.13 0.00	35.93 -2.83 0.00	30.18 -2.13 0.00	27.12 -1.76 0.00
V_CMM_10_SYNC_DSASP 323787	30.73 0.27 0.00	29.57 0.35 0.00	27.64 0.33 0.00	27.18 0.38 0.00	28.14 0.33 0.00	32.60 0.45 0.00	52.61 0.73 0.00	64.71 0.06 0.00	54.68 0.86 0.00	40.25 0.56 0.00	34.22 0.41 0.00	31.64 0.38 0.00	29.54 0.32 0.00	29.02 0.26 0.00	29.52 0.26 0.00	32.89 0.26 0.00	39.84 0.43 0.00	50.92 0.61 0.00	59.37 -0.24 0.00	55.65 0.55 0.00	43.87 0.43 0.00	39.11 0.35 0.00	32.57 0.26 0.00	29.14 0.26 0.00
V_CMP_10_SYNC_DSASP 323788	31.31 0.85 0.00	30.15 0.93 0.00	28.19 0.87 0.00	27.79 0.99 0.00	28.78 0.97 0.00	33.44 1.29 0.00	54.11 2.23 0.00	65.74 1.10 0.00	56.03 2.21 0.00	40.97 1.27 0.00	35.13 1.32 0.00	32.45 1.19 0.00	30.27 1.05 0.00	29.74 0.98 0.00	30.19 0.94 0.00	33.67 1.04 0.00	40.94 1.54 0.00	51.92 1.61 0.00	59.90 0.30 0.00	56.48 1.38 0.00	44.35 0.91 0.00	39.73 0.97 0.00	33.44 1.13 0.00	29.92 1.04 0.00
V_D_10_SYNC_DSASP 323841	30.94 0.49 0.00	29.77 0.55 0.00	27.83 0.52 0.00	27.39 0.59 0.00	28.36 0.56 0.00	32.86 0.71 0.00	52.97 1.09 0.00	64.77 0.13 0.00	54.79 0.97 0.00	40.29 0.60 0.00	34.29 0.47 0.00	31.67 0.41 0.00	29.57 0.35 0.00	29.08 0.32 0.00	29.55 0.29 0.00	32.92 0.29 0.00	39.88 0.47 0.00	51.02 0.70 0.00	59.43 -0.18 0.00	55.71 0.61 0.00	43.96 0.52 0.00	39.15 0.39 0.00	32.60 0.29 0.00	29.17 0.29 0.00
V_E_10_SYNC_DSASP 323830	32.60 2.01 -0.13	31.24 1.99 -0.04	29.22 1.91 0.00	28.68 1.88 0.00	29.92 2.11 0.00	35.12 2.67 -0.30	58.94 5.76 -1.30	74.41 8.47 -1.31	59.15 5.33 0.00	42.80 3.10 0.00	35.81 1.99 0.00	33.07 1.81 0.00	30.83 1.61 0.00	30.29 1.52 0.00	30.63 1.38 0.00	34.26 1.63 0.00	42.12 2.72 0.00	54.75 4.13 -0.31	66.07 5.84 -0.62	60.10 4.46 -0.54	46.99 3.26 -0.29	41.16 2.40 0.00	34.15 1.84 0.00	30.40 1.50 -0.02
V_F_30_NSYNC___DSASP 323816	32.01 1.55 0.00	30.76 1.55 0.00	28.70 1.39 0.00	28.17 1.37 0.00	29.28 1.47 0.00	33.60 1.45 0.00	54.22 2.34 0.00	68.19 3.55 0.00	56.08 2.26 0.00	41.05 1.35 0.00	34.87 1.05 0.00	32.17 0.91 0.00	30.13 0.91 0.00	29.57 0.80 0.00	30.13 0.88 0.00	33.70 1.08 0.00	41.18 1.77 0.00	52.78 2.46 0.00	63.06 3.46 0.00	57.85 2.75 0.00	45.48 2.04 0.00	40.62 1.86 0.00	33.90 1.58 0.00	30.47 1.59 0.00

V_F_30_SYNC_DSASP 323786	31.22 0.76 0.00	30.01 0.79 0.00	27.99 0.68 0.00	27.47 0.67 0.00	28.53 0.72 0.00	32.93 0.77 0.00	53.08 1.19 0.00	66.71 2.07 0.00	54.90 1.08 0.00	40.29 0.60 0.00	34.36 0.54 0.00	31.70 0.44 0.00	29.69 0.47 0.00	29.22 0.46 0.00	29.78 0.53 0.00	33.28 0.65 0.00	40.59 1.18 0.00	51.92 1.61 0.00	61.99 2.38 0.00	56.86 1.76 0.00	44.83 1.39 0.00	40.04 1.28 0.00	33.35 1.03 0.00	29.77 0.90 0.00
V_XM_10_SYNC_DSASP 323789	31.31 0.85 0.00	30.15 0.93 0.00	28.19 0.87 0.00	27.79 0.99 0.00	28.78 0.97 0.00	33.44 1.29 0.00	54.11 2.23 0.00	65.74 1.10 0.00	56.03 2.21 0.00	40.97 1.27 0.00	35.13 1.32 0.00	32.45 1.19 0.00	30.27 1.05 0.00	29.74 0.98 0.00	30.19 0.94 0.00	33.67 1.04 0.00	40.94 1.54 0.00	51.92 1.61 0.00	59.90 0.30 0.00	56.48 1.38 0.00	44.35 0.91 0.00	39.73 0.97 0.00	33.44 1.13 0.00	29.92 1.04 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.77 1.31 0.00	30.44 1.23 0.00	28.38 1.07 0.00	27.82 1.02 0.00	28.86 1.06 0.00	33.25 1.09 0.00	53.54 1.66 0.00	67.55 2.91 0.00	55.54 1.72 0.00	40.89 1.19 0.00	35.10 1.29 0.00	32.39 1.13 0.00	30.36 1.14 0.00	29.94 1.18 0.00	30.57 1.32 0.00	34.07 1.44 0.00	41.26 1.85 0.00	52.53 2.21 0.00	63.18 3.58 0.00	57.74 2.64 0.00	45.57 2.13 0.00	40.74 1.98 0.00	33.99 1.68 0.00	30.41 1.53 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.83 1.37 0.00	30.50 1.29 0.00	28.43 1.12 0.00	27.87 1.07 0.00	28.92 1.11 0.00	33.22 1.06 0.00	53.54 1.66 0.00	67.68 3.04 0.00	55.59 1.78 0.00	40.97 1.27 0.00	35.27 1.45 0.00	32.61 1.34 0.00	30.53 1.31 0.00	30.17 1.41 0.00	30.78 1.52 0.00	34.29 1.66 0.00	41.45 2.05 0.00	52.63 2.31 0.00	63.30 3.70 0.00	57.85 2.75 0.00	45.70 2.26 0.00	40.85 2.09 0.00	34.09 1.78 0.00	30.47 1.59 0.00
W50THST__13_KV_LOAD 356117	31.92 1.46 0.00	30.59 1.37 0.00	28.51 1.20 0.00	27.98 1.18 0.00	29.00 1.20 0.00	33.31 1.16 0.00	53.75 1.87 0.00	68.00 3.36 0.00	55.86 2.05 0.00	41.17 1.47 0.00	35.44 1.62 0.00	32.76 1.50 0.00	30.68 1.46 0.00	30.32 1.55 0.00	30.92 1.67 0.00	34.42 1.79 0.00	41.61 2.21 0.00	52.88 2.57 0.00	63.60 3.99 0.00	58.07 2.98 0.00	45.87 2.43 0.00	41.01 2.25 0.00	34.19 1.87 0.00	30.55 1.67 0.00
WADING RIVER_IC_1 23522	32.50 2.04 0.00	30.85 1.64 0.00	28.76 1.45 0.00	28.22 1.42 0.00	29.36 1.56 0.00	33.89 1.74 0.00	47.87 0.62 4.64	57.71 1.49 8.42	47.30 0.59 7.11	37.36 0.36 2.69	35.57 1.76 0.00	33.39 2.13 0.00	30.94 1.72 0.00	30.69 1.93 0.00	31.45 2.20 0.00	35.19 2.55 -0.01	41.18 1.77 0.00	52.53 2.21 0.00	63.48 3.87 0.00	58.46 3.36 0.00	46.26 2.82 0.00	41.70 2.94 0.00	34.77 2.45 0.00	31.60 2.71 -0.01
WADING RIVER_IC_2 23547	32.50 2.04 0.00	30.85 1.64 0.00	28.76 1.45 0.00	28.22 1.42 0.00	29.36 1.56 0.00	33.89 1.74 0.00	47.87 0.62 4.64	57.71 1.49 8.42	47.30 0.59 7.11	37.36 0.36 2.69	35.57 1.76 0.00	33.39 2.13 0.00	30.94 1.72 0.00	30.69 1.93 0.00	31.45 2.20 0.00	35.19 2.55 -0.01	41.18 1.77 0.00	52.53 2.21 0.00	63.48 3.87 0.00	58.46 3.36 0.00	46.26 2.82 0.00	41.70 2.94 0.00	34.77 2.45 0.00	31.60 2.71 -0.01
WADING RIVER_IC_3 23601	32.50 2.04 0.00	30.85 1.64 0.00	28.76 1.45 0.00	28.22 1.42 0.00	29.36 1.56 0.00	33.89 1.74 0.00	47.87 0.62 4.64	57.71 1.49 8.42	47.30 0.59 7.11	37.36 0.36 2.69	35.57 1.76 0.00	33.39 2.13 0.00	30.94 1.72 0.00	30.69 1.93 0.00	31.45 2.20 0.00	35.19 2.55 -0.01	41.18 1.77 0.00	52.53 2.21 0.00	63.48 3.87 0.00	58.46 3.36 0.00	46.26 2.82 0.00	41.70 2.94 0.00	34.77 2.45 0.00	31.60 2.71 -0.01
WALDENNY_12_KV_BK2 80841	29.73 -0.73 0.00	28.28 -0.93 0.00	26.60 -0.71 0.00	26.05 -0.75 0.00	27.11 -0.70 0.00	31.58 -0.58 0.00	50.43 -1.45 0.00	64.25 -0.39 0.00	51.72 -2.10 0.00	39.06 -0.64 0.00	33.31 -0.51 0.00	31.04 -0.22 0.00	28.90 -0.32 0.00	28.59 -0.17 0.00	28.64 -0.61 0.00	31.62 -1.01 0.00	37.87 -1.54 0.00	47.45 -2.87 0.00	57.28 -2.32 0.00	51.59 -3.47 0.04	40.66 -2.78 0.00	36.28 -2.48 0.00	30.57 -1.74 0.00	27.52 -1.36 0.00
WALDEN__HYDRO 24148	31.74 1.28 0.00	30.44 1.23 0.00	28.40 1.09 0.00	27.85 1.05 0.00	28.89 1.08 0.00	33.28 1.13 0.00	53.70 1.82 0.00	67.55 2.91 0.00	55.54 1.72 0.00	40.89 1.19 0.00	35.03 1.22 0.00	32.26 1.00 0.00	30.24 1.02 0.00	29.83 1.06 0.00	30.48 1.23 0.00	34.00 1.37 0.00	41.22 1.81 0.00	52.53 2.21 0.00	63.18 3.58 0.00	57.74 2.64 0.00	45.61 2.17 0.00	40.74 1.98 0.00	33.96 1.65 0.00	30.35 1.47 0.00
WARRENSBURG____ 23737	32.32 1.86 0.00	31.11 1.90 0.00	29.01 1.69 0.00	28.46 1.66 0.00	29.59 1.78 0.00	33.41 1.25 0.00	54.01 2.13 0.00	68.06 3.42 0.00	55.97 2.15 0.00	40.89 1.19 0.00	34.63 0.81 0.00	31.92 0.66 0.00	29.92 0.70 0.00	29.25 0.49 0.00	29.78 0.53 0.00	33.35 0.72 0.00	40.82 1.42 0.00	52.27 1.96 0.00	62.52 2.92 0.00	57.36 2.26 0.00	44.96 1.52 0.00	40.08 1.32 0.00	33.64 1.33 0.00	30.73 1.85 0.00
WATERSIDE____6 8 9 23538	32.02 1.55 -0.01	30.69 1.46 -0.01	28.60 1.28 -0.01	28.04 1.23 -0.01	29.06 1.25 0.00	33.18 1.03 0.00	53.17 1.30 0.01	67.22 2.59 0.01	55.27 1.45 0.00	40.85 1.15 0.00	35.30 1.49 0.00	32.64 1.38 0.00	30.59 1.37 0.00	30.26 1.50 0.00	30.86 1.61 0.00	34.33 1.70 0.00	41.37 1.97 0.00	52.38 2.06 0.00	63.06 3.46 0.00	57.58 2.48 0.00	45.52 2.09 0.00	40.81 2.05 0.00	34.19 1.87 0.00	30.64 1.76 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.34 -0.12 0.00	29.13 -0.09 0.00	27.23 -0.08 0.00	26.75 -0.05 0.00	27.75 -0.06 0.00	32.09 -0.06 0.00	51.88 0.00 0.00	64.90 0.26 0.00	53.66 -0.16 0.00	39.46 -0.24 0.00	33.58 -0.24 0.00	31.04 -0.22 0.00	29.02 -0.20 0.00	28.56 -0.20 0.00	29.05 -0.20 0.00	32.43 -0.20 0.00	39.28 -0.12 0.00	50.21 -0.10 0.00	59.60 0.00 0.00	54.82 -0.28 0.00	43.22 -0.22 0.00	38.49 -0.27 0.00	32.02 -0.29 0.00	28.62 -0.26 0.00
WATSON____69_KV_BK 1 55734	32.77 2.31 0.00	31.14 1.93 0.00	29.01 1.69 0.00	28.44 1.63 0.00	29.59 1.78 0.00	34.05 1.90 0.00	48.45 1.04 4.47	58.66 2.13 8.11	48.04 1.08 6.85	37.74 0.64 2.59	35.91 2.10 0.00	33.42 2.16 0.00	31.15 1.93 0.00	30.86 2.10 0.00	31.62 2.37 0.00	35.45 2.81 -0.01	41.77 2.36 0.00	53.33 3.02 0.00	64.37 4.77 0.00	58.96 3.86 0.00	46.61 3.17 0.00	41.90 3.14 0.00	34.90 2.59 0.00	31.74 2.86 0.00
WDELAWARE__HYD 323627	31.77 1.31 0.00	30.44 1.23 0.00	28.43 1.12 0.00	27.93 1.13 0.00	28.95 1.14 0.00	33.41 1.25 0.00	54.01 2.13 0.00	67.81 3.17 0.00	55.86 2.04 0.00	41.09 1.39 0.00	35.00 1.18 0.00	32.26 1.00 0.00	30.24 1.02 0.00	29.77 1.01 0.00	30.43 1.17 0.00	33.97 1.34 0.00	41.18 1.77 0.00	52.58 2.27 0.00	63.18 3.58 0.00	57.80 2.70 0.00	45.65 2.21 0.00	40.70 1.94 0.00	33.90 1.58 0.00	30.26 1.39 0.00

WEST BABYLON___IC 23714	32.71 2.25 0.00	31.12 1.90 0.00	28.98 1.67 0.00	28.41 1.61 0.00	29.56 1.75 0.00	33.95 1.80 0.00	48.77 0.99 4.10	59.33 2.13 7.44	48.56 1.02 6.29	37.91 0.60 2.38	35.85 2.03 0.00	33.36 2.09 0.00	31.09 1.87 0.00	30.81 2.04 0.00	31.54 2.28 0.00	35.32 2.68 -0.01	41.65 2.25 0.00	53.18 2.87 0.00	64.13 4.53 0.00	58.74 3.64 0.00	46.44 3.00 0.00	41.74 2.98 0.00	34.83 2.52 0.00	31.62 2.74 0.00
WEST CANADA___HYD 24049	30.52 0.06 0.00	29.27 0.06 0.00	27.37 0.05 0.00	26.85 0.05 0.00	27.86 0.06 0.00	32.19 0.03 0.00	51.99 0.10 0.00	65.03 0.39 0.00	53.77 -0.05 0.00	39.62 -0.08 0.00	33.75 -0.07 0.00	31.20 -0.06 0.00	29.16 -0.06 0.00	28.71 -0.06 0.00	29.23 -0.03 0.00	32.60 -0.03 0.00	39.48 0.08 0.00	50.41 0.10 0.00	59.90 0.30 0.00	55.21 0.11 0.00	43.53 0.09 0.00	38.84 0.08 0.00	32.38 0.06 0.00	28.94 0.06 0.00
WESTERN_NY_WIND 24143	29.70 -0.76 0.00	28.28 -0.93 0.00	26.60 -0.71 0.00	26.05 -0.75 0.00	27.11 -0.70 0.00	31.61 -0.55 0.00	50.53 -1.35 0.00	64.71 0.06 0.00	52.04 -1.78 0.00	39.26 -0.44 0.00	33.34 -0.47 0.00	31.04 -0.22 0.00	28.87 -0.35 0.00	28.48 -0.29 0.00	28.55 -0.70 0.00	31.62 -1.01 0.00	37.98 -1.42 0.00	47.85 -2.47 0.00	57.82 -1.79 0.00	52.41 -2.64 0.04	41.18 -2.26 0.00	36.78 -1.98 0.00	30.80 -1.52 0.00	27.64 -1.24 0.00
WESTOVER___LESR 323668	30.65 0.06 -0.13	29.20 -0.06 -0.04	27.31 0.00 0.00	26.75 -0.05 0.00	27.81 0.00 0.00	32.59 0.13 -0.31	53.47 0.26 -1.33	67.01 1.03 -1.34	54.20 0.38 0.00	40.21 0.52 0.00	34.09 0.27 0.00	31.64 0.38 0.00	29.51 0.29 0.00	29.08 0.32 0.00	29.43 0.18 0.00	32.70 0.07 0.00	39.72 0.32 0.00	50.93 0.30 -0.31	61.37 1.13 -0.64	55.98 0.33 -0.55	43.91 0.17 -0.29	38.88 0.12 0.00	32.57 0.26 0.00	29.22 0.32 -0.02
WETHRSFD_WT_PWR 323626	29.79 -0.67 0.00	28.34 -0.88 0.00	26.66 -0.66 0.00	26.02 -0.78 0.00	27.17 -0.64 0.00	31.61 -0.55 0.00	50.59 -1.30 0.00	64.45 -0.19 0.00	51.88 -1.94 0.00	39.06 -0.64 0.00	33.21 -0.61 0.00	30.79 -0.47 0.00	28.69 -0.53 0.00	28.42 -0.34 0.00	28.55 -0.70 0.00	31.58 -1.05 0.00	37.95 -1.46 0.00	47.85 -2.46 0.00	57.52 -2.09 0.00	52.04 -3.03 0.03	40.88 -2.56 0.00	36.44 -2.32 0.00	30.57 -1.75 0.00	27.49 -1.39 0.00
WHAVSTOR_138KV_BK127 55557	31.68 1.22 0.00	30.36 1.14 0.00	28.29 0.98 0.00	27.74 0.94 0.00	28.78 0.97 0.00	33.12 0.96 0.00	53.34 1.45 0.00	67.29 2.65 0.00	55.33 1.51 0.00	40.73 1.03 0.00	34.97 1.15 0.00	32.29 1.03 0.00	30.27 1.05 0.00	29.89 1.12 0.00	30.48 1.23 0.00	33.97 1.34 0.00	41.14 1.73 0.00	52.33 2.01 0.00	62.94 3.34 0.00	57.52 2.42 0.00	45.39 1.95 0.00	40.58 1.82 0.00	33.90 1.58 0.00	30.32 1.44 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.68 1.22 0.00	30.36 1.14 0.00	28.29 0.98 0.00	27.74 0.94 0.00	28.78 0.97 0.00	33.12 0.96 0.00	53.34 1.45 0.00	67.29 2.65 0.00	55.33 1.51 0.00	40.73 1.03 0.00	34.97 1.15 0.00	32.29 1.03 0.00	30.27 1.05 0.00	29.89 1.12 0.00	30.48 1.23 0.00	33.97 1.34 0.00	41.14 1.73 0.00	52.33 2.01 0.00	62.94 3.34 0.00	57.52 2.42 0.00	45.39 1.95 0.00	40.58 1.82 0.00	33.90 1.58 0.00	30.32 1.44 0.00
WHITEHAL_115KV_TB1 80871	32.71 2.25 0.00	31.50 2.28 0.00	29.36 2.05 0.00	28.78 1.98 0.00	29.98 2.17 0.00	34.02 1.86 0.00	55.15 3.27 0.00	69.62 4.98 0.00	57.16 3.34 0.00	41.60 1.91 0.00	35.14 1.32 0.00	32.39 1.13 0.00	30.36 1.14 0.00	29.63 0.86 0.00	30.19 0.94 0.00	33.84 1.21 0.00	41.53 2.13 0.00	53.43 3.12 0.00	63.90 4.29 0.00	58.68 3.58 0.00	45.87 2.43 0.00	40.89 2.13 0.00	34.25 1.94 0.00	31.13 2.25 0.00
WHITEPLN_13_KV_LOAD 356215	32.01 1.55 0.00	30.65 1.43 0.00	28.57 1.26 0.00	28.03 1.23 0.00	29.06 1.25 0.00	33.38 1.22 0.00	53.96 2.08 0.00	68.13 3.49 0.00	56.08 2.26 0.00	41.21 1.51 0.00	35.47 1.66 0.00	32.76 1.50 0.00	30.65 1.43 0.00	30.26 1.50 0.00	30.89 1.64 0.00	34.39 1.76 0.00	41.65 2.25 0.00	52.98 2.67 0.00	63.84 4.23 0.00	58.35 3.25 0.00	46.00 2.56 0.00	41.09 2.33 0.00	34.22 1.91 0.00	30.58 1.70 0.00
WM_FLOYD_69_KV_BK2 356380	32.50 2.04 0.00	30.88 1.67 0.00	28.76 1.45 0.00	28.22 1.42 0.00	29.36 1.56 0.00	33.79 1.64 0.00	47.83 0.57 4.63	57.79 1.55 8.40	47.32 0.59 7.10	37.29 0.28 2.69	35.64 1.83 0.00	33.17 1.91 0.00	30.89 1.67 0.00	30.63 1.87 0.00	31.42 2.16 0.00	35.25 2.61 -0.01	41.37 1.97 0.00	52.93 2.62 0.00	63.84 4.23 0.00	58.68 3.58 0.00	46.39 2.95 0.00	41.67 2.91 0.00	34.74 2.42 0.00	31.59 2.71 0.00
WOODARD__115KV_TB2 355635	30.05 -0.67 -0.26	28.63 -0.67 -0.08	26.74 -0.57 0.00	26.18 -0.62 0.00	27.22 -0.58 0.00	32.14 -0.61 -0.59	53.63 -0.93 -2.68	66.76 -0.58 -2.70	51.99 -1.83 0.00	38.55 -1.15 0.00	32.77 -1.05 0.00	30.35 -0.91 0.00	28.31 -0.91 0.00	27.84 -0.92 0.00	28.26 -0.99 0.00	31.49 -1.14 0.00	38.62 -0.79 0.00	49.89 -1.06 -0.64	60.00 -0.89 -1.29	55.07 -1.16 -1.12	43.12 -0.91 -0.59	37.91 -0.85 0.00	31.57 -0.74 0.00	28.23 -0.69 -0.04
YORK___WARBASSE 23770	32.17 1.71 -0.01	30.80 1.58 -0.01	28.71 1.39 -0.01	28.15 1.34 -0.01	29.14 1.33 0.00	33.28 1.13 0.00	53.12 1.25 0.01	67.09 2.46 0.01	55.22 1.40 0.00	40.81 1.11 0.00	35.41 1.59 0.00	32.73 1.47 0.00	30.65 1.43 0.00	30.35 1.58 0.00	30.95 1.70 0.00	34.42 1.79 0.00	41.45 2.05 0.00	52.43 2.11 0.00	63.12 3.52 0.00	57.63 2.53 0.00	45.52 2.09 0.00	40.93 2.17 0.00	34.35 2.04 0.00	30.78 1.91 0.00