

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses																				--- Marginal Cost of Congestion			09/02/2025		
Generator Data																											
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		
59TH STREET_GT_1 24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	31.58	28.99	26.65	23.38	24.07	27.89	36.11	37.83	34.70	27.76	29.59	30.20	33.45	36.05	37.30	39.76	44.50	58.55	62.62	59.91	52.56	41.68	35.81	31.70			
	1.07	0.93	0.83	0.61	0.75	0.89	1.65	1.94	2.06	1.85	1.95	2.09	2.40	2.50	2.59	2.74	2.93	3.59	3.43	3.02	2.36	2.17	1.61	1.25			
74TH STREET_GT_1 24260	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	31.58	28.99	26.65	23.38	24.09	27.89	36.11	37.79	34.67	27.73	29.57	30.15	33.39	35.99	37.23	39.73	44.46	58.50	62.57	59.91	52.51	41.68	35.81	31.70			
	1.07	0.93	0.83	0.61	0.77	0.89	1.65	1.90	2.02	1.82	1.92	2.04	2.34	2.44	2.52	2.70	2.89	3.54	3.37	3.02	2.31	2.17	1.61	1.25			
74TH STREET_GT_2 24261	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	31.58	28.99	26.65	23.38	24.09	27.89	36.11	37.79	34.67	27.73	29.57	30.15	33.39	35.99	37.23	39.73	44.46	58.50	62.57	59.91	52.51	41.68	35.81	31.70			
	1.07	0.93	0.83	0.61	0.77	0.89	1.65	1.90	2.02	1.82	1.92	2.04	2.34	2.44	2.52	2.70	2.89	3.54	3.37	3.02	2.31	2.17	1.61	1.25			
ADK HUDSON___FALLS 24011	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	32.04	29.41	27.11	23.91	24.44	28.40	36.46	37.94	34.44	26.71	27.57	27.93	29.99	32.66	33.91	36.01	41.99	55.69	61.18	59.51	52.36	41.12	35.46	32.10			
	1.53	1.35	1.29	1.14	1.12	1.40	2.00	2.05	1.80	1.21	0.95	0.94	0.96	1.04	1.21	0.76	0.91	1.63	2.19	2.62	2.16	1.62	1.27	1.64			
ADK RESOURCE___RCVRY 23798	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	32.16	29.52	27.22	24.00	24.54	28.53	36.63	38.12	34.57	26.79	27.66	27.99	30.07	32.73	34.02	36.09	42.04	55.91	61.42	59.85	52.61	41.28	35.60	32.25			
	1.65	1.46	1.39	1.23	1.21	1.54	2.17	2.23	1.93	1.28	1.03	0.99	1.02	1.11	1.31	0.83	0.95	1.85	2.42	2.96	2.41	1.78	1.40	1.80			
ADK S GLENS___FALLS 24028	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	32.04	29.41	27.11	23.91	24.44	28.40	36.46	37.94	34.44	26.71	27.57	27.93	29.99	32.66	33.91	36.01	41.99	55.69	61.18	59.51	52.36	41.12	35.46	32.10			
	1.53	1.35	1.29	1.14	1.12	1.40	2.00	2.05	1.80	1.21	0.95	0.94	0.96	1.04	1.21	0.76	0.91	1.63	2.19	2.62	2.16	1.62	1.27	1.64			
ADK_NYS___DAM 23527	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	31.27	28.77	26.49	23.43	24.02	27.78	35.63	37.07	33.79	26.20	27.03	27.40	29.05	31.71	32.79	35.56	42.17	55.34	60.53	58.48	51.40	40.77	35.12	31.33			
	0.76	0.70	0.67	0.66	0.70	0.78	1.17	1.18	1.14	0.92	0.97	1.02	1.14	1.17	1.21	1.30	1.36	1.79	1.65	1.59	1.20	1.26	0.92	0.88			
AIR_PRODUCTS___DRP 24190	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	31.06	28.60	26.34	23.22	23.79	27.56	35.35	36.82	33.52	26.24	27.44	27.86	30.02	32.60	33.75	36.40	42.22	55.47	60.36	58.26	51.25	40.53	34.95	31.15			
	0.55	0.53	0.52	0.46	0.47	0.57	0.90	0.93	0.88	0.72	0.76	0.80	0.87	0.88	0.94	1.05	1.12	1.36	1.36	1.37	1.05	1.03	0.75	0.70			
AKWESSNE_115KV_BK 355683	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	31.06	28.57	26.31	23.20	23.70	27.46	34.87	36.32	32.90	25.84	27.25	27.62	30.08	32.66	33.75	36.20	41.55	55.07	59.74	57.46	50.80	39.78	34.47	30.82			
	0.55	0.51	0.49	0.43	0.37	0.46	0.41	0.43	0.26	0.15	0.16	0.11	0.12	0.16	0.13	0.14	0.25	0.60	0.65	0.57	0.60	0.28	0.27	0.37			
ALBANY_1_SOLAR 323833	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	31.33	28.85	26.54	23.40	23.98	27.75	35.53	36.86	33.43	26.11	27.36	27.76	29.99	32.58	33.76	36.40	42.11	55.56	60.62	58.54	51.60	40.73	35.19	31.30			
	0.82	0.78	0.72	0.64	0.65	0.75	1.07	0.97	0.78	0.54	0.57	0.58	0.63	0.65	0.74	0.86	0.95	1.36	1.60	1.65	1.40	1.23	0.99	0.85			
ALBANY_2_SOLAR 323834	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	31.33	28.82	26.54	23.40	23.95	27.75	35.53	36.86	33.43	26.11	27.36	27.76	30.00	32.58	33.77	36.40	42.11	55.56	60.62	58.54	51.55	40.73	35.16	31.30			
	0.82	0.76	0.72	0.64	0.63	0.75	1.07	0.97	0.78	0.54	0.57	0.58	0.63	0.65	0.74	0.86	0.95	1.36	1.60	1.65	1.36	1.23	0.96	0.85			
ALBANY___1 23571	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	31.06	28.60	26.34	23.22	23.79	27.56	35.35	36.82	33.52	26.24	27.44	27.86	30.02	32.60	33.75	36.40	42.22	55.47	60.36	58.26	51.25	40.53	34.95	31.15			
	0.55	0.53	0.52	0.46	0.47	0.57	0.90	0.93	0.88	0.72	0.76	0.80	0.87	0.88	0.94	1.05	1.12	1.36	1.36	1.37	1.05	1.03	0.75	0.70			

ALBANY___2 23572	31.06 0.55 0.00	28.60 0.53 0.00	26.34 0.52 0.00	23.22 0.46 0.00	23.79 0.47 0.00	27.56 0.57 0.00	35.35 0.90 0.00	36.82 0.93 0.00	33.52 0.88 0.00	26.24 0.72 0.16	27.44 0.76 0.41	27.86 0.80 0.45	30.02 0.87 0.81	32.60 0.88 0.77	33.75 0.94 0.81	36.40 1.05 0.71	42.22 1.12 0.20	55.47 1.36 0.36	60.36 1.36 0.08	58.26 1.37 0.00	51.25 1.05 0.00	40.53 1.03 0.00	34.95 0.75 0.00	31.15 0.70 0.00
ALBANY___3 23573	31.06 0.55 0.00	28.60 0.53 0.00	26.34 0.52 0.00	23.22 0.46 0.00	23.79 0.47 0.00	27.56 0.57 0.00	35.35 0.90 0.00	36.82 0.93 0.00	33.52 0.88 0.00	26.24 0.72 0.16	27.44 0.76 0.41	27.86 0.80 0.45	30.02 0.87 0.81	32.60 0.88 0.77	33.75 0.94 0.81	36.40 1.05 0.71	42.22 1.12 0.20	55.47 1.36 0.36	60.36 1.36 0.08	58.26 1.37 0.00	51.25 1.05 0.00	40.53 1.03 0.00	34.95 0.75 0.00	31.15 0.70 0.00
ALBANY___4 23574	31.06 0.55 0.00	28.60 0.53 0.00	26.34 0.52 0.00	23.22 0.46 0.00	23.79 0.47 0.00	27.56 0.57 0.00	35.35 0.90 0.00	36.82 0.93 0.00	33.52 0.88 0.00	26.24 0.72 0.16	27.44 0.76 0.41	27.86 0.80 0.45	30.02 0.87 0.81	32.60 0.88 0.77	33.75 0.94 0.81	36.40 1.05 0.71	42.22 1.12 0.20	55.47 1.36 0.36	60.36 1.36 0.08	58.26 1.37 0.00	51.25 1.05 0.00	40.53 1.03 0.00	34.95 0.75 0.00	31.15 0.70 0.00
ALBANY___LFGE 323615	31.21 0.70 0.00	28.71 0.65 0.00	26.44 0.62 0.00	23.31 0.55 0.00	23.88 0.56 0.00	27.67 0.68 0.00	35.49 1.03 0.00	36.97 1.08 0.00	33.69 1.04 0.00	26.34 0.82 0.17	27.52 0.87 0.43	27.91 0.88 0.47	30.06 0.96 0.86	32.69 1.01 0.82	33.84 1.08 0.85	36.53 1.23 0.75	42.38 1.28 0.21	55.71 1.63 0.38	60.71 1.71 0.09	58.60 1.71 0.00	51.55 1.36 0.00	40.73 1.23 0.00	35.16 0.96 0.00	31.27 0.82 0.00
ALCOA_PA_115KV_PL-6C 55860	31.33 0.82 0.00	28.82 0.76 0.00	26.57 0.75 0.00	23.41 0.64 0.00	23.93 0.61 0.00	27.70 0.70 0.00	35.18 0.72 0.00	36.61 0.72 0.00	33.10 0.46 0.00	26.00 0.31 0.00	27.41 0.33 0.00	27.78 0.28 0.00	30.26 0.30 0.00	32.86 0.36 0.00	33.95 0.34 0.00	36.42 0.36 0.00	41.80 0.50 0.00	55.45 0.98 0.00	60.21 1.12 0.00	57.86 0.97 0.00	51.20 1.00 0.00	40.06 0.55 0.00	34.75 0.55 0.00	31.06 0.61 0.00
ALCOA_RYNLDS___DRP 24188	31.33 0.82 0.00	28.82 0.76 0.00	26.57 0.75 0.00	23.41 0.64 0.00	23.93 0.61 0.00	27.70 0.70 0.00	35.18 0.72 0.00	36.61 0.72 0.00	33.10 0.46 0.00	26.00 0.31 0.00	27.41 0.33 0.00	27.78 0.28 0.00	30.26 0.30 0.00	32.86 0.36 0.00	33.95 0.34 0.00	36.42 0.36 0.00	41.80 0.50 0.00	55.45 0.98 0.00	60.21 1.12 0.00	57.86 0.97 0.00	51.20 1.00 0.00	40.06 0.55 0.00	34.75 0.55 0.00	31.06 0.61 0.00
ALCOA___DSASP 323711	31.33 0.82 0.00	28.82 0.76 0.00	26.57 0.75 0.00	23.40 0.64 0.00	23.93 0.61 0.00	27.70 0.70 0.00	35.18 0.72 0.00	36.61 0.72 0.00	33.10 0.46 0.00	26.00 0.31 0.00	27.42 0.33 0.00	27.78 0.28 0.00	30.26 0.30 0.00	32.86 0.36 0.00	33.95 0.34 0.00	36.42 0.36 0.00	41.80 0.50 0.00	55.45 0.98 0.00	60.21 1.12 0.00	57.86 0.97 0.00	51.20 1.00 0.00	40.06 0.55 0.00	34.74 0.55 0.00	31.06 0.61 0.00
ALLEGHENY___COGEN 23514	31.76 1.25 0.00	29.13 1.07 0.00	26.65 0.83 0.00	23.59 0.82 0.00	24.14 0.82 0.00	27.89 0.89 0.00	35.59 1.14 0.00	36.89 1.00 0.00	33.33 0.69 0.00	26.00 0.31 0.00	27.33 0.24 0.00	27.67 0.17 0.00	30.02 0.06 0.00	32.66 0.16 0.00	33.92 0.30 0.00	36.60 0.54 0.00	42.75 1.44 0.00	56.48 2.02 0.00	62.63 3.54 0.00	60.48 3.59 0.00	53.81 3.62 0.00	41.83 2.33 0.00	36.35 2.16 0.00	32.09 1.64 0.00
ALTAMONT_115KV_TB 2 55880	30.94 0.43 0.00	28.48 0.42 0.00	26.21 0.39 0.00	23.11 0.34 0.00	23.70 0.37 0.00	27.43 0.43 0.00	35.15 0.69 0.00	36.64 0.75 0.00	33.36 0.72 0.00	26.16 0.57 0.09	27.46 0.60 0.23	27.86 0.61 0.25	30.20 0.69 0.45	32.78 0.71 0.43	33.91 0.74 0.45	36.46 0.79 0.39	42.06 0.87 0.11	55.30 1.03 0.20	60.04 1.00 0.05	57.92 1.02 0.00	50.95 0.75 0.00	40.25 0.75 0.00	34.78 0.58 0.00	31.00 0.55 0.00
ALTONA_WT_PWR 323606	31.46 0.95 0.00	28.90 0.84 0.00	26.62 0.80 0.00	23.47 0.71 0.00	23.98 0.65 0.00	27.81 0.81 0.00	35.94 1.48 0.00	38.30 2.41 0.00	34.60 1.96 0.00	27.13 1.44 0.00	28.58 1.49 0.00	28.94 1.43 0.00	31.57 1.62 0.00	34.25 1.75 0.00	35.36 1.75 0.00	38.04 1.98 0.00	43.87 2.56 0.00	58.55 4.09 0.00	63.57 4.49 0.00	60.93 4.04 0.00	53.91 3.71 0.00	41.67 2.17 0.00	36.11 1.91 0.00	32.28 1.83 0.00
AMERICAN_REF_FUEL 24010	29.99 -0.52 0.00	27.47 -0.59 0.00	25.18 -0.64 0.00	22.04 -0.73 0.00	22.76 -0.56 0.00	25.89 -1.11 0.00	32.46 -2.00 0.00	33.20 -2.69 0.00	30.62 -2.02 0.00	24.43 -1.26 0.00	25.76 -1.33 0.00	26.24 -1.26 0.00	28.49 -1.47 0.00	30.77 -1.72 0.00	31.87 -1.75 0.00	33.90 -2.16 0.00	39.16 -2.15 0.00	50.76 -3.71 0.00	55.89 -3.19 0.00	53.71 -3.18 0.00	48.19 -2.01 0.00	37.92 -1.58 0.00	33.58 -0.61 0.00	30.15 -0.30 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.63 0.12 0.00	28.06 0.00 0.00	25.72 -0.10 0.00	22.68 -0.09 0.00	23.28 -0.05 0.00	26.67 -0.32 0.00	33.94 -0.52 0.00	34.74 -1.15 0.00	31.86 -0.78 0.00	25.46 -0.23 0.00	26.95 -0.13 0.00	27.48 -0.03 0.00	29.84 -0.12 0.00	32.34 -0.16 0.00	33.48 -0.13 0.00	35.66 -0.40 0.00	41.35 0.04 0.00	53.65 -0.82 0.00	59.20 0.12 0.00	56.78 -0.11 0.00	50.80 0.60 0.00	39.74 0.24 0.00	35.09 0.89 0.00	31.06 0.61 0.00
ARTHUR KILL_GT_1 23520	31.39 0.88 0.00	28.71 0.65 0.00	26.37 0.54 0.00	23.27 0.50 0.00	23.98 0.65 0.00	27.43 0.43 0.00	36.25 1.79 0.00	37.47 1.58 0.00	34.31 1.66 0.00	27.79 1.88 -0.22	29.68 2.03 -0.55	30.06 1.95 -0.61	33.39 2.34 -1.10	36.02 2.47 -1.05	37.13 2.42 -1.09	39.18 2.16 -0.95	43.64 2.35 0.02	56.65 2.89 0.70	60.65 2.54 0.98	58.05 1.99 0.84	50.70 1.31 0.81	40.31 1.42 0.61	35.91 1.71 0.00	31.30 0.85 0.00
ARTHUR_KILL_2 23512	31.27 0.76 0.00	28.62 0.56 0.00	26.26 0.44 0.00	23.20 0.43 0.00	23.91 0.58 0.00	27.35 0.35 0.00	36.11 1.65 0.00	37.36 1.47 0.00	34.21 1.57 0.00	27.72 1.80 -0.23	29.60 1.95 -0.55	29.98 1.87 -0.61	33.30 2.25 -1.10	35.90 2.34 -1.06	37.07 2.35 -1.10	39.07 2.05 -0.95	43.31 2.02 0.02	56.65 2.88 0.70	60.48 2.37 0.98	57.93 1.87 0.84	50.59 1.20 0.81	40.11 1.23 0.61	35.81 1.61 0.00	31.27 0.82 0.00
ARTHUR_KILL_3 23513	31.29 0.79 0.01	28.73 0.67 0.01	26.41 0.59 0.01	23.17 0.41 0.01	23.85 0.54 0.01	27.64 0.65 0.01	35.73 1.28 0.00	37.46 1.58 0.01	34.36 1.73 0.01	27.48 1.57 -0.22	29.30 1.65 -0.55	29.87 1.76 -0.61	33.09 2.04 -1.10	35.63 2.08 -1.05	36.86 2.15 -1.09	39.31 2.31 -0.94	43.61 2.31 0.01	56.70 2.94 0.71	60.76 2.66 0.98	58.45 2.39 0.83	51.15 1.76 0.80	40.54 1.66 0.62	35.43 1.23 0.00	31.39 0.95 0.01

ARTHUR_KILL_COGEN 323718	31.36 0.85 0.00	28.71 0.65 0.00	26.34 0.52 0.00	23.27 0.50 0.00	23.98 0.65 0.00	27.43 0.43 0.00	36.21 1.76 0.00	37.47 1.58 0.00	34.31 1.66 0.00	27.79 1.87 -0.23	29.68 2.03 -0.55	30.06 1.95 -0.61	33.39 2.34 -1.10	36.00 2.44 -1.06	37.17 2.45 -1.10	39.18 2.16 -0.95	43.44 2.15 0.02	56.87 3.10 0.70	60.71 2.60 0.98	58.16 2.11 0.84	50.79 1.40 0.81	40.27 1.38 0.61	35.91 1.71 0.00	31.36 0.91 0.00
ASHOKAN____ 23654	31.36 0.85 0.00	28.88 0.81 0.00	26.37 0.54 0.00	23.27 0.50 0.00	23.84 0.51 0.00	27.67 0.68 0.00	35.53 1.07 0.00	37.01 1.11 0.00	33.23 0.59 0.00	26.84 1.16 0.00	28.25 1.16 0.00	28.69 1.18 0.00	31.39 1.44 0.00	34.03 1.53 0.00	35.30 1.68 0.00	38.01 1.95 0.00	43.74 2.44 0.00	58.39 3.92 0.00	63.75 4.67 0.00	59.28 2.39 0.00	52.21 2.01 0.00	41.28 1.78 0.00	35.29 1.09 0.00	31.49 1.04 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.49 0.98 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.22 0.46 0.00	23.98 0.65 0.00	27.54 0.54 0.00	35.73 1.28 0.00	37.28 1.40 0.01	34.30 1.66 0.01	27.60 1.69 -0.22	29.40 1.76 -0.55	29.92 1.81 -0.60	33.20 2.16 -1.09	35.78 2.24 -1.04	36.99 2.29 -1.09	39.33 2.31 -0.96	43.85 2.27 -0.28	58.55 3.54 -0.55	61.87 2.66 -0.12	59.10 2.22 0.01	51.69 1.50 0.01	40.96 1.46 0.01	35.53 1.33 0.00	31.43 0.97 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.49 0.98 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.22 0.46 0.00	23.98 0.65 0.00	27.54 0.54 0.00	35.73 1.28 0.00	37.28 1.40 0.01	34.30 1.66 0.01	27.60 1.69 -0.22	29.40 1.76 -0.55	29.92 1.81 -0.60	33.20 2.16 -1.09	35.75 2.21 -1.04	36.99 2.29 -1.09	39.33 2.31 -0.96	43.85 2.27 -0.28	58.55 3.54 -0.55	61.87 2.66 -0.12	59.10 2.22 0.01	51.69 1.50 0.01	40.96 1.46 0.01	35.53 1.33 0.00	31.43 0.97 0.00
ASTORIA_GT2_1 24094	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	23.98 0.65 0.00	27.54 0.54 0.00	35.73 1.27 0.00	37.33 1.44 0.00	34.34 1.70 0.00	27.59 1.70 -0.21	29.43 1.79 -0.55	29.95 1.84 -0.61	33.21 2.16 -1.10	35.78 2.24 -1.04	36.98 2.29 -1.08	39.37 2.34 -0.96	44.35 2.77 -0.28	58.34 3.32 -0.55	62.28 3.07 -0.12	59.06 2.16 0.00	51.65 1.46 0.00	41.04 1.54 0.00	35.53 1.33 0.00	31.43 0.97 0.00
ASTORIA_GT2_2 24095	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	23.98 0.65 0.00	27.54 0.54 0.00	35.73 1.27 0.00	37.33 1.44 0.00	34.34 1.70 0.00	27.59 1.70 -0.21	29.43 1.79 -0.55	29.95 1.84 -0.61	33.21 2.16 -1.10	35.78 2.24 -1.04	36.98 2.29 -1.08	39.37 2.34 -0.96	44.35 2.77 -0.28	58.34 3.32 -0.55	62.28 3.07 -0.12	59.06 2.16 0.00	51.65 1.46 0.00	41.04 1.54 0.00	35.53 1.33 0.00	31.43 0.97 0.00
ASTORIA_GT2_3 24096	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	23.98 0.65 0.00	27.54 0.54 0.00	35.73 1.27 0.00	37.33 1.44 0.00	34.34 1.70 0.00	27.59 1.70 -0.21	29.43 1.79 -0.55	29.95 1.84 -0.61	33.21 2.16 -1.10	35.78 2.24 -1.04	36.98 2.29 -1.08	39.37 2.34 -0.96	44.35 2.77 -0.28	58.34 3.32 -0.55	62.28 3.07 -0.12	59.06 2.16 0.00	51.65 1.46 0.00	41.04 1.54 0.00	35.53 1.33 0.00	31.43 0.97 0.00
ASTORIA_GT2_4 24097	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	23.98 0.65 0.00	27.54 0.54 0.00	35.73 1.27 0.00	37.33 1.44 0.00	34.34 1.70 0.00	27.59 1.70 -0.21	29.43 1.79 -0.55	29.95 1.84 -0.61	33.21 2.16 -1.10	35.78 2.24 -1.04	36.98 2.29 -1.08	39.37 2.34 -0.96	44.35 2.77 -0.28	58.34 3.32 -0.55	62.28 3.07 -0.12	59.06 2.16 0.00	51.65 1.46 0.00	41.04 1.54 0.00	35.53 1.33 0.00	31.43 0.97 0.00
ASTORIA_GT3_1 24098	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	23.98 0.65 0.00	27.54 0.54 0.00	35.73 1.27 0.00	37.33 1.44 0.00	34.34 1.70 0.00	27.59 1.70 -0.21	29.43 1.79 -0.55	29.95 1.84 -0.61	33.21 2.16 -1.10	35.78 2.24 -1.04	36.98 2.29 -1.08	39.37 2.34 -0.96	44.35 2.77 -0.28	58.34 3.32 -0.55	62.28 3.07 -0.12	59.06 2.16 0.00	51.65 1.46 0.00	41.04 1.54 0.00	35.53 1.33 0.00	31.43 0.97 0.00
ASTORIA_GT3_2 24099	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	23.98 0.65 0.00	27.54 0.54 0.00	35.73 1.27 0.00	37.33 1.44 0.00	34.34 1.70 0.00	27.59 1.70 -0.21	29.43 1.79 -0.55	29.95 1.84 -0.61	33.21 2.16 -1.10	35.78 2.24 -1.04	36.98 2.29 -1.08	39.37 2.34 -0.96	44.35 2.77 -0.28	58.34 3.32 -0.55	62.28 3.07 -0.12	59.06 2.16 0.00	51.65 1.46 0.00	41.04 1.54 0.00	35.53 1.33 0.00	31.43 0.97 0.00
ASTORIA_GT3_3 24100	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	23.98 0.65 0.00	27.54 0.54 0.00	35.73 1.27 0.00	37.33 1.44 0.00	34.34 1.70 0.00	27.59 1.70 -0.21	29.43 1.79 -0.55	29.95 1.84 -0.61	33.21 2.16 -1.10	35.78 2.24 -1.04	36.98 2.29 -1.08	39.37 2.34 -0.96	44.35 2.77 -0.28	58.34 3.32 -0.55	62.28 3.07 -0.12	59.06 2.16 0.00	51.65 1.46 0.00	41.04 1.54 0.00	35.53 1.33 0.00	31.43 0.97 0.00
ASTORIA_GT3_4 24101	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	23.98 0.65 0.00	27.54 0.54 0.00	35.73 1.27 0.00	37.33 1.44 0.00	34.34 1.70 0.00	27.59 1.70 -0.21	29.43 1.79 -0.55	29.95 1.84 -0.61	33.21 2.16 -1.10	35.78 2.24 -1.04	36.98 2.29 -1.08	39.37 2.34 -0.96	44.35 2.77 -0.28	58.34 3.32 -0.55	62.28 3.07 -0.12	59.06 2.16 0.00	51.65 1.46 0.00	41.04 1.54 0.00	35.53 1.33 0.00	31.43 0.97 0.00
ASTORIA_GT4_1 24102	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	23.98 0.65 0.00	27.54 0.54 0.00	35.73 1.27 0.00	37.33 1.44 0.00	34.34 1.70 0.00	27.59 1.70 -0.21	29.43 1.79 -0.55	29.95 1.84 -0.61	33.21 2.16 -1.10	35.78 2.24 -1.04	36.98 2.29 -1.08	39.37 2.34 -0.96	44.35 2.77 -0.28	58.34 3.32 -0.55	62.28 3.07 -0.12	59.06 2.16 0.00	51.65 1.46 0.00	41.04 1.54 0.00	35.53 1.33 0.00	31.43 0.97 0.00
ASTORIA_GT4_2 24103	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	23.98 0.65 0.00	27.54 0.54 0.00	35.73 1.27 0.00	37.33 1.44 0.00	34.34 1.70 0.00	27.59 1.70 -0.21	29.43 1.79 -0.55	29.95 1.84 -0.61	33.21 2.16 -1.10	35.78 2.24 -1.04	36.98 2.29 -1.08	39.37 2.34 -0.96	44.35 2.77 -0.28	58.34 3.32 -0.55	62.28 3.07 -0.12	59.06 2.16 0.00	51.65 1.46 0.00	41.04 1.54 0.00	35.53 1.33 0.00	31.43 0.97 0.00
ASTORIA_GT4_3 24104	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	23.98 0.65 0.00	27.54 0.54 0.00	35.73 1.27 0.00	37.33 1.44 0.00	34.34 1.70 0.00	27.59 1.70 -0.21	29.43 1.79 -0.55	29.95 1.84 -0.61	33.21 2.16 -1.10	35.78 2.24 -1.04	36.98 2.29 -1.08	39.37 2.34 -0.96	44.35 2.77 -0.28	58.34 3.32 -0.55	62.28 3.07 -0.12	59.06 2.16 0.00	51.65 1.46 0.00	41.04 1.54 0.00	35.53 1.33 0.00	31.43 0.97 0.00

ASTORIA_GT4_4 24105	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	23.98 0.65 0.00	27.54 0.54 0.00	35.73 1.27 0.00	37.33 1.44 0.00	34.34 1.70 0.00	27.59 1.70 -0.21	29.43 1.79 -0.55	29.95 1.84 -0.61	33.21 2.16 -1.10	35.78 2.24 -1.04	36.98 2.29 -1.08	39.37 2.34 -0.96	44.35 2.77 -0.28	58.34 3.32 -0.55	62.28 3.07 -0.12	59.06 2.16 0.00	51.65 1.46 0.00	41.04 1.54 0.00	35.53 1.33 0.00	31.43 0.97 0.00
ASTORIA_GT_1 23523	31.58 1.07 0.00	28.88 0.81 0.00	26.57 0.75 0.00	23.27 0.50 0.00	24.02 0.70 0.00	27.59 0.59 0.00	35.80 1.34 0.00	37.43 1.54 0.00	34.41 1.76 0.00	27.64 1.75 -0.21	29.49 1.84 -0.55	30.01 1.90 -0.61	33.30 2.25 -1.10	35.87 2.34 -1.04	37.08 2.39 -1.08	39.44 2.42 -0.96	44.47 2.89 -0.28	58.44 3.43 -0.55	62.46 3.25 -0.12	59.17 2.28 0.00	51.80 1.61 0.00	41.12 1.62 0.00	35.64 1.44 0.00	31.49 1.04 0.00
ASTORIA_GT_10 24110	31.46 0.95 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.59 0.59 0.00	35.87 1.41 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.66 1.75 -0.22	29.49 1.84 -0.55	30.04 1.93 -0.61	33.30 2.25 -1.10	35.89 2.34 -1.05	37.13 2.42 -1.09	39.48 2.45 -0.96	44.22 2.64 -0.27	58.17 3.21 -0.49	62.15 2.95 -0.11	59.23 2.33 0.00	51.85 1.66 0.00	41.20 1.70 0.00	35.64 1.44 0.00	31.46 1.00 0.00
ASTORIA_GT_11 24225	31.46 0.95 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.59 0.59 0.00	35.87 1.41 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.66 1.75 -0.22	29.49 1.84 -0.55	30.04 1.93 -0.61	33.30 2.25 -1.10	35.89 2.34 -1.05	37.13 2.42 -1.09	39.48 2.45 -0.96	44.22 2.64 -0.27	58.17 3.21 -0.49	62.15 2.95 -0.11	59.23 2.33 0.00	51.85 1.66 0.00	41.20 1.70 0.00	35.64 1.44 0.00	31.46 1.00 0.00
ASTORIA_GT_12 24226	31.46 0.95 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.59 0.59 0.00	35.87 1.41 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.66 1.75 -0.22	29.49 1.84 -0.55	30.04 1.93 -0.61	33.30 2.25 -1.10	35.89 2.34 -1.05	37.13 2.42 -1.09	39.48 2.45 -0.96	44.22 2.64 -0.27	58.17 3.21 -0.49	62.15 2.95 -0.11	59.23 2.33 0.00	51.85 1.66 0.00	41.20 1.70 0.00	35.64 1.44 0.00	31.46 1.00 0.00
ASTORIA_GT_13 24227	31.46 0.95 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.59 0.59 0.00	35.87 1.41 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.66 1.75 -0.22	29.49 1.84 -0.55	30.04 1.93 -0.61	33.30 2.25 -1.10	35.89 2.34 -1.05	37.13 2.42 -1.09	39.48 2.45 -0.96	44.22 2.64 -0.27	58.17 3.21 -0.49	62.15 2.95 -0.11	59.23 2.33 0.00	51.85 1.66 0.00	41.20 1.70 0.00	35.64 1.44 0.00	31.46 1.00 0.00
ASTORIA_GT_5 24106	31.58 1.07 0.00	28.88 0.81 0.00	26.57 0.75 0.00	23.27 0.50 0.00	24.02 0.70 0.00	27.59 0.59 0.00	35.80 1.34 0.00	37.43 1.54 0.00	34.41 1.76 0.00	27.64 1.75 -0.21	29.49 1.84 -0.55	30.01 1.90 -0.61	33.30 2.25 -1.10	35.87 2.34 -1.04	37.08 2.39 -1.08	39.44 2.42 -0.96	44.47 2.89 -0.28	58.44 3.43 -0.55	62.46 3.25 -0.12	59.17 2.28 0.00	51.80 1.61 0.00	41.12 1.62 0.00	35.64 1.44 0.00	31.49 1.04 0.00
ASTORIA_GT_7 24107	31.58 1.07 0.00	28.88 0.81 0.00	26.57 0.75 0.00	23.27 0.50 0.00	24.02 0.70 0.00	27.59 0.59 0.00	35.80 1.34 0.00	37.43 1.54 0.00	34.41 1.76 0.00	27.64 1.75 -0.21	29.49 1.84 -0.55	30.01 1.90 -0.61	33.30 2.25 -1.10	35.87 2.34 -1.04	37.08 2.39 -1.08	39.44 2.42 -0.96	44.47 2.89 -0.28	58.44 3.43 -0.55	62.46 3.25 -0.12	59.17 2.28 0.00	51.80 1.61 0.00	41.12 1.62 0.00	35.64 1.44 0.00	31.49 1.04 0.00
ASTORIA_GT_8 24108	31.58 1.07 0.00	28.88 0.81 0.00	26.57 0.75 0.00	23.27 0.50 0.00	24.02 0.70 0.00	27.59 0.59 0.00	35.80 1.34 0.00	37.43 1.54 0.00	34.41 1.76 0.00	27.64 1.75 -0.21	29.49 1.84 -0.55	30.01 1.90 -0.61	33.30 2.25 -1.10	35.87 2.34 -1.04	37.08 2.39 -1.08	39.44 2.42 -0.96	44.47 2.89 -0.28	58.44 3.43 -0.55	62.46 3.25 -0.12	59.17 2.28 0.00	51.80 1.61 0.00	41.12 1.62 0.00	35.64 1.44 0.00	31.49 1.04 0.00
ASTORIA___2 24149	31.52 1.01 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.25 0.48 0.00	23.98 0.65 0.00	27.54 0.54 0.00	35.73 1.28 0.00	37.32 1.44 0.01	34.33 1.70 0.01	27.60 1.69 -0.22	29.42 1.79 -0.55	29.95 1.84 -0.60	33.20 2.16 -1.09	35.78 2.24 -1.04	36.99 2.29 -1.09	39.36 2.34 -0.96	43.89 2.31 -0.28	58.61 3.59 -0.55	61.87 2.66 -0.12	59.16 2.28 0.01	51.69 1.50 0.01	41.00 1.50 0.01	35.53 1.33 0.00	31.45 1.00 0.00
ASTORIA___3 23516	31.46 0.95 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.59 0.59 0.00	35.87 1.41 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.67 1.75 -0.23	29.49 1.84 -0.55	30.04 1.92 -0.61	33.30 2.25 -1.10	35.90 2.34 -1.06	37.14 2.42 -1.10	39.48 2.45 -0.96	44.01 2.44 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.90 1.71 0.00	41.16 1.66 0.00	35.63 1.44 0.00	31.49 1.04 0.00
ASTORIA___4 23517	31.46 0.95 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.59 0.59 0.00	35.87 1.41 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.66 1.75 -0.22	29.49 1.84 -0.55	30.04 1.93 -0.61	33.30 2.25 -1.10	35.89 2.34 -1.05	37.13 2.42 -1.09	39.48 2.45 -0.96	44.22 2.64 -0.27	58.17 3.21 -0.49	62.15 2.95 -0.11	59.23 2.33 0.00	51.85 1.66 0.00	41.20 1.70 0.00	35.64 1.44 0.00	31.46 1.00 0.00
ASTORIA___5 23518	31.46 0.95 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.59 0.59 0.00	35.87 1.41 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.67 1.75 -0.23	29.49 1.84 -0.55	30.04 1.92 -0.61	33.30 2.25 -1.10	35.90 2.34 -1.06	37.14 2.42 -1.10	39.48 2.45 -0.96	44.01 2.44 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.90 1.71 0.00	41.16 1.66 0.00	35.63 1.44 0.00	31.49 1.04 0.00
AST_ENERGY_2_CC3 323677	31.40 0.89 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.56 1.65 -0.22	29.38 1.74 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.05 2.48 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.32 1.82 0.00	35.57 1.37 0.00	31.52 1.07 0.00
AST_ENERGY_2_CC4 323678	31.40 0.89 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.56 1.65 -0.22	29.38 1.74 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.05 2.48 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.32 1.82 0.00	35.57 1.37 0.00	31.52 1.07 0.00

ATHENS_STG_1 23668	30.94 0.43 0.00	28.46 0.39 0.00	26.18 0.36 0.00	23.06 0.30 0.00	23.67 0.35 0.00	27.40 0.41 0.00	35.21 0.76 0.00	36.72 0.83 0.00	33.49 0.85 0.00	26.49 0.72 -0.09	28.10 0.79 -0.22	28.57 0.82 -0.24	31.35 0.96 -0.44	33.89 0.97 -0.42	34.99 0.94 -0.44	37.38 0.94 -0.38	42.32 0.91 -0.11	55.81 1.15 -0.20	60.07 0.94 -0.04	57.80 0.91 0.00	50.80 0.60 0.00	40.17 0.67 0.00	34.74 0.55 0.00	31.00 0.55 0.00
ATHENS_STG_2 23670	30.94 0.43 0.00	28.46 0.39 0.00	26.18 0.36 0.00	23.06 0.30 0.00	23.67 0.35 0.00	27.40 0.41 0.00	35.21 0.76 0.00	36.72 0.83 0.00	33.49 0.85 0.00	26.49 0.72 -0.09	28.10 0.79 -0.22	28.57 0.82 -0.24	31.35 0.96 -0.44	33.89 0.97 -0.42	34.99 0.94 -0.44	37.38 0.94 -0.38	42.32 0.91 -0.11	55.81 1.15 -0.20	60.07 0.94 -0.04	57.80 0.91 0.00	50.80 0.60 0.00	40.17 0.67 0.00	34.74 0.55 0.00	31.00 0.55 0.00
ATHENS_STG_3 23677	30.94 0.43 0.00	28.46 0.39 0.00	26.18 0.36 0.00	23.06 0.30 0.00	23.67 0.35 0.00	27.40 0.41 0.00	35.21 0.76 0.00	36.72 0.83 0.00	33.49 0.85 0.00	26.49 0.72 -0.09	28.10 0.79 -0.22	28.57 0.82 -0.24	31.35 0.96 -0.44	33.89 0.97 -0.42	34.99 0.94 -0.44	37.38 0.94 -0.38	42.32 0.91 -0.11	55.81 1.15 -0.20	60.07 0.94 -0.04	57.80 0.91 0.00	50.80 0.60 0.00	40.17 0.67 0.00	34.74 0.55 0.00	31.00 0.55 0.00
AUBURN____LFGE 323710	30.36 -0.15 0.00	27.92 -0.14 0.00	25.64 -0.18 0.00	22.63 -0.14 0.00	23.18 -0.14 0.00	26.86 -0.13 0.00	34.42 -0.03 0.00	35.86 -0.04 0.00	32.58 -0.07 0.00	25.59 -0.10 0.00	26.98 -0.11 0.00	27.40 -0.11 0.00	29.78 -0.18 0.00	32.37 -0.13 0.00	33.48 -0.13 0.00	36.02 -0.04 0.00	41.31 0.00 0.00	54.52 0.05 0.00	59.56 0.47 0.00	57.41 0.51 0.00	50.75 0.55 0.00	39.66 0.16 0.00	34.47 0.27 0.00	30.57 0.12 0.00
BABYLON_RES_REC 323704	31.42 0.91 0.00	29.10 1.04 0.00	26.44 0.62 0.00	23.18 0.41 0.00	23.81 0.49 0.00	27.70 0.70 0.00	35.77 1.31 0.00	37.36 1.47 0.00	34.34 1.70 0.00	27.68 1.77 -0.22	31.96 1.98 -2.90	32.43 2.09 -2.83	35.92 2.25 -3.72	39.88 2.27 -5.11	42.22 2.55 -6.05	45.95 2.67 -7.22	50.97 2.85 -6.81	62.57 3.54 -4.57	67.51 3.37 -5.06	63.41 3.18 -3.33	55.33 2.51 -2.62	45.39 2.37 -3.52	40.89 1.91 -4.78	32.13 1.61 -0.06
BALL_HILL_WT_PWR 323825	30.42 -0.09 0.00	27.87 -0.20 0.00	25.56 -0.26 0.00	22.54 -0.23 0.00	23.11 -0.21 0.00	26.51 -0.49 0.00	33.53 -0.93 0.00	34.28 -1.61 0.00	31.50 -1.14 0.00	25.10 -0.59 0.00	26.52 -0.57 0.00	27.01 -0.49 0.00	29.30 -0.66 0.00	31.72 -0.78 0.00	32.84 -0.77 0.00	35.01 -1.05 0.00	40.52 -0.79 0.00	52.72 -1.75 0.00	58.08 -1.00 0.00	55.76 -1.14 0.00	49.95 -0.25 0.00	39.15 -0.36 0.00	34.58 0.38 0.00	30.72 0.27 0.00
BARON_WINDS____WT_PWR 323822	30.45 -0.06 0.00	27.95 -0.11 0.00	25.67 -0.15 0.00	22.66 -0.11 0.00	23.23 -0.09 0.00	26.75 -0.24 0.00	34.08 -0.38 0.00	35.00 -0.90 0.00	31.83 -0.81 0.00	25.17 -0.51 0.00	26.55 -0.54 0.00	27.01 -0.49 0.00	29.36 -0.60 0.00	31.85 -0.65 0.00	33.01 -0.60 0.00	35.34 -0.72 0.00	40.81 -0.49 0.00	53.38 -1.09 0.00	58.73 -0.35 0.00	56.61 -0.28 0.00	50.45 0.25 0.00	39.50 0.00 0.00	34.68 0.48 0.00	30.79 0.34 0.00
BARRETT_IC_1 23704	31.36 0.76 -0.09	29.07 0.92 -0.09	26.45 0.54 -0.09	23.22 0.46 0.00	23.86 0.54 0.00	27.68 0.62 -0.06	35.63 1.17 0.00	37.18 1.29 0.00	34.24 1.60 0.00	27.69 1.69 -0.31	53.68 1.76 -24.84	53.01 1.84 -23.66	60.21 1.98 -28.28	77.52 2.02 -43.00	88.19 2.22 -52.35	103.71 2.20 -65.45	111.61 2.27 -68.03	100.04 2.78 -42.79	112.66 2.60 -50.98	93.91 2.50 -34.52	79.47 2.11 -27.17	77.96 2.05 -36.40	83.04 1.85 -47.00	32.63 1.49 -0.69
BARRETT_IC_10 23701	31.36 0.76 -0.09	29.07 0.92 -0.09	26.45 0.54 -0.09	23.22 0.46 0.00	23.86 0.54 0.00	27.68 0.62 -0.06	35.63 1.17 0.00	37.18 1.29 0.00	34.24 1.60 0.00	27.69 1.69 -0.31	53.68 1.76 -8.96	53.01 1.84 -8.59	60.21 1.98 -10.51	77.52 2.02 -15.59	88.19 2.22 -18.85	103.71 2.20 -23.32	111.61 2.27 -23.24	100.04 2.78 -11.79	112.66 2.60 -16.59	93.91 2.50 -11.96	79.47 2.11 -9.41	77.96 2.05 -12.61	83.04 1.85 -47.00	32.63 1.49 -0.69
BARRETT_IC_11 23702	31.36 0.76 -0.09	29.07 0.92 -0.09	26.45 0.54 -0.09	23.22 0.46 0.00	23.86 0.54 0.00	27.68 0.62 -0.06	35.63 1.17 0.00	37.18 1.29 0.00	34.24 1.60 0.00	27.69 1.69 -0.31	53.68 1.76 -8.96	53.01 1.84 -8.59	60.21 1.98 -10.51	77.52 2.02 -15.59	88.19 2.22 -18.85	103.71 2.20 -23.32	111.61 2.27 -23.24	100.04 2.78 -11.79	112.66 2.60 -16.59	93.91 2.50 -11.96	79.47 2.11 -9.41	77.96 2.05 -12.61	83.04 1.85 -47.00	32.63 1.49 -0.69
BARRETT_IC_12 23703	31.36 0.76 -0.09	29.07 0.92 -0.09	26.45 0.54 -0.09	23.22 0.46 0.00	23.86 0.54 0.00	27.68 0.62 -0.06	35.63 1.17 0.00	37.18 1.29 0.00	34.24 1.60 0.00	27.69 1.69 -0.31	53.68 1.76 -8.96	53.01 1.84 -8.59	60.21 1.98 -10.51	77.52 2.02 -15.59	88.19 2.22 -18.85	103.71 2.20 -23.32	111.61 2.27 -23.24	100.04 2.78 -11.79	112.66 2.60 -16.59	93.91 2.50 -11.96	79.47 2.11 -9.41	77.96 2.05 -12.61	83.04 1.85 -47.00	32.63 1.49 -0.69
BARRETT_IC_2 23705	31.36 0.76 -0.09	29.07 0.92 -0.09	26.45 0.54 -0.09	23.22 0.46 0.00	23.86 0.54 0.00	27.68 0.62 -0.06	35.63 1.17 0.00	37.18 1.29 0.00	34.24 1.60 0.00	27.69 1.69 -0.31	53.68 1.76 -24.84	53.01 1.84 -23.66	60.21 1.98 -28.28	77.52 2.02 -43.00	88.19 2.22 -52.35	103.71 2.20 -65.45	111.61 2.27 -68.03	100.04 2.78 -42.79	112.66 2.60 -50.98	93.91 2.50 -34.52	79.47 2.11 -27.17	77.96 2.05 -36.40	83.04 1.85 -47.00	32.63 1.49 -0.69
BARRETT_IC_3 23706	31.36 0.76 -0.09	29.07 0.92 -0.09	26.45 0.54 -0.09	23.22 0.46 0.00	23.86 0.54 0.00	27.68 0.62 -0.06	35.63 1.17 0.00	37.18 1.29 0.00	34.24 1.60 0.00	27.69 1.69 -0.31	53.68 1.76 -24.84	53.01 1.84 -23.66	60.21 1.98 -28.28	77.52 2.02 -43.00	88.19 2.22 -52.35	103.71 2.20 -65.45	111.61 2.27 -68.03	100.04 2.78 -42.79	112.66 2.60 -50.98	93.91 2.50 -34.52	79.47 2.11 -27.17	77.96 2.05 -36.40	83.04 1.85 -47.00	32.63 1.49 -0.69
BARRETT_IC_4 23707	31.36 0.76 -0.09	29.07 0.92 -0.09	26.45 0.54 -0.09	23.22 0.46 0.00	23.86 0.54 0.00	27.68 0.62 -0.06	35.63 1.17 0.00	37.18 1.29 0.00	34.24 1.60 0.00	27.69 1.69 -0.31	53.68 1.76 -24.84	53.01 1.84 -23.66	60.21 1.98 -28.28	77.52 2.02 -43.00	88.19 2.22 -52.35	103.71 2.20 -65.45	111.61 2.27 -68.03	100.04 2.78 -42.79	112.66 2.60 -50.98	93.91 2.50 -34.52	79.47 2.11 -27.17	77.96 2.05 -36.40	83.04 1.85 -47.00	32.63 1.49 -0.69
BARRETT_IC_5 23708	31.36 0.76 -0.09	29.07 0.92 -0.09	26.45 0.54 -0.09	23.22 0.46 0.00	23.86 0.54 0.00	27.68 0.62 -0.06	35.63 1.17 0.00	37.18 1.29 0.00	34.24 1.60 0.00	27.69 1.69 -0.31	53.68 1.76 -24.84	53.01 1.84 -23.66	60.21 1.98 -28.28	77.52 2.02 -43.00	88.19 2.22 -52.35	103.71 2.20 -65.45	111.61 2.27 -68.03	100.04 2.78 -42.79	112.66 2.60 -50.98	93.91 2.50 -34.52	79.47 2.11 -27.17	77.96 2.05 -36.40	83.04 1.85 -47.00	32.63 1.49 -0.69

BARRETT_IC_6 23709	31.36 0.76 -0.09	29.07 0.92 -0.09	26.45 0.54 -0.09	23.22 0.46 0.00	23.86 0.54 0.00	27.68 0.62 -0.06	35.63 1.17 0.00	37.18 1.29 0.00	34.24 1.60 0.00	27.69 1.69 -0.31	53.68 1.76 -24.84	53.01 1.84 -23.66	60.21 1.98 -28.28	77.52 2.02 -43.00	88.19 2.22 -52.35	103.71 2.20 -65.45	111.61 2.27 -68.03	100.04 2.78 -42.79	112.66 2.60 -50.98	93.91 2.50 -34.52	79.47 2.11 -27.17	77.96 2.05 -36.40	83.04 1.85 -47.00	32.63 1.49 -0.69
BARRETT_IC_7 23710	31.73 1.13 -0.09	29.08 0.93 -0.09	26.48 0.57 -0.09	23.22 0.46 0.00	23.86 0.54 0.00	27.68 0.62 -0.06	35.70 1.24 0.00	37.26 1.36 0.00	34.24 1.60 0.00	27.69 1.70 -0.31	53.69 1.76 -24.84	53.01 1.84 -23.66	60.21 1.98 -28.28	77.52 2.01 -43.00	88.19 2.22 -52.35	103.71 2.20 -65.45	111.61 2.27 -68.03	99.98 2.72 -42.79	112.67 2.60 -50.98	93.86 2.45 -34.52	79.37 2.01 -27.17	78.04 2.13 -36.40	83.04 1.85 -47.00	32.63 1.49 -0.69
BARRETT_IC_8 23711	31.36 0.76 -0.09	29.07 0.92 -0.09	26.45 0.54 -0.09	23.22 0.46 0.00	23.86 0.54 0.00	27.68 0.62 -0.06	35.63 1.17 0.00	37.18 1.29 0.00	34.24 1.60 0.00	27.69 1.69 -0.31	53.68 1.76 -24.84	53.01 1.84 -23.66	60.21 1.98 -28.28	77.52 2.02 -43.00	88.19 2.22 -52.35	103.71 2.20 -65.45	111.61 2.27 -68.03	100.04 2.78 -42.79	112.66 2.60 -50.98	93.91 2.50 -34.52	79.47 2.11 -27.17	77.96 2.05 -36.40	83.04 1.85 -47.00	32.63 1.49 -0.69
BARRETT_IC_9 23700	31.36 0.76 -0.09	29.07 0.92 -0.09	26.45 0.54 -0.09	23.22 0.46 0.00	23.86 0.54 0.00	27.68 0.62 -0.06	35.63 1.17 0.00	37.18 1.29 0.00	34.24 1.60 0.00	27.69 1.69 -0.31	37.81 1.76 -8.96	37.94 1.84 -8.59	42.44 1.98 -10.51	50.10 2.02 -15.59	54.69 2.22 -18.85	61.58 2.20 -23.32	66.82 2.27 -23.24	69.03 2.78 -11.79	78.27 2.60 -16.59	71.35 2.50 -11.96	61.71 2.11 -9.41	54.17 2.05 -12.61	83.04 1.85 -47.00	32.63 1.49 -0.69
BARRETT___1 23545	31.36 0.76 -0.09	29.07 0.92 -0.09	26.45 0.54 -0.09	23.22 0.46 0.00	23.86 0.54 0.00	27.68 0.62 -0.06	35.63 1.17 0.00	37.18 1.29 0.00	34.24 1.60 0.00	27.69 1.69 -0.31	53.68 1.76 -24.84	53.01 1.84 -23.66	60.21 1.98 -28.28	77.52 2.02 -43.00	88.19 2.22 -52.35	103.71 2.20 -65.45	111.61 2.27 -68.03	100.04 2.78 -42.79	112.66 2.60 -50.98	93.91 2.50 -34.52	79.47 2.11 -27.17	77.96 2.05 -36.40	83.04 1.85 -47.00	32.63 1.49 -0.69
BARRETT___2 23546	31.36 0.76 -0.09	29.07 0.92 -0.09	26.45 0.54 -0.09	23.22 0.46 0.00	23.86 0.54 0.00	27.68 0.62 -0.06	35.63 1.17 0.00	37.18 1.29 0.00	34.24 1.60 0.00	27.69 1.69 -0.31	37.81 1.76 -8.96	37.94 1.84 -8.59	42.44 1.98 -10.51	50.10 2.02 -15.59	54.69 2.22 -18.85	61.58 2.20 -23.32	66.82 2.27 -23.24	69.03 2.78 -11.79	78.27 2.60 -16.59	71.35 2.50 -11.96	61.71 2.11 -9.41	54.17 2.05 -12.61	83.04 1.85 -47.00	32.63 1.49 -0.69
BATAVIA___115KV_TB1 55881	30.97 0.46 0.00	28.40 0.34 0.00	25.95 0.13 0.00	22.88 0.11 0.00	23.53 0.21 0.00	26.97 -0.03 0.00	34.04 -0.41 0.00	35.03 -0.86 0.00	32.25 -0.39 0.00	25.46 -0.23 0.00	26.87 -0.22 0.00	27.29 -0.22 0.00	29.63 -0.33 0.00	32.14 -0.36 0.00	33.31 -0.30 0.00	35.66 -0.40 0.00	40.98 -0.33 0.00	54.19 -0.27 0.00	59.62 0.53 0.00	57.41 0.51 0.00	51.25 1.05 0.00	39.82 0.32 0.00	35.09 0.89 0.00	31.18 0.73 0.00
BAYONEEC___CTG1 323682	31.40 0.89 0.00	28.85 0.78 0.00	26.49 0.67 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.58 1.67 -0.22	29.40 1.76 -0.55	29.98 1.87 -0.61	33.21 2.16 -1.10	35.79 2.24 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.09 2.52 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.36 1.86 0.00	35.60 1.40 0.00	31.52 1.07 0.00
BAYONEEC___CTG10 323750	31.40 0.89 0.00	28.85 0.78 0.00	26.49 0.67 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.58 1.67 -0.22	29.40 1.76 -0.55	29.98 1.87 -0.61	33.21 2.16 -1.10	35.79 2.24 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.09 2.52 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.36 1.86 0.00	35.60 1.40 0.00	31.52 1.07 0.00
BAYONEEC___CTG2 323683	31.40 0.89 0.00	28.85 0.78 0.00	26.49 0.67 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.58 1.67 -0.22	29.40 1.76 -0.55	29.98 1.87 -0.61	33.21 2.16 -1.10	35.79 2.24 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.09 2.52 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.36 1.86 0.00	35.60 1.40 0.00	31.52 1.07 0.00
BAYONEEC___CTG3 323684	31.40 0.89 0.00	28.85 0.78 0.00	26.49 0.67 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.58 1.67 -0.22	29.40 1.76 -0.55	29.98 1.87 -0.61	33.21 2.16 -1.10	35.79 2.24 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.09 2.52 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.36 1.86 0.00	35.60 1.40 0.00	31.52 1.07 0.00
BAYONEEC___CTG4 323685	31.40 0.89 0.00	28.85 0.78 0.00	26.49 0.67 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.58 1.67 -0.22	29.40 1.76 -0.55	29.98 1.87 -0.61	33.21 2.16 -1.10	35.79 2.24 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.09 2.52 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.36 1.86 0.00	35.60 1.40 0.00	31.52 1.07 0.00
BAYONEEC___CTG5 323686	31.40 0.89 0.00	28.85 0.78 0.00	26.49 0.67 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.58 1.67 -0.22	29.40 1.76 -0.55	29.98 1.87 -0.61	33.21 2.16 -1.10	35.79 2.24 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.09 2.52 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.36 1.86 0.00	35.60 1.40 0.00	31.52 1.07 0.00
BAYONEEC___CTG6 323687	31.40 0.89 0.00	28.85 0.78 0.00	26.49 0.67 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.58 1.67 -0.22	29.40 1.76 -0.55	29.98 1.87 -0.61	33.21 2.16 -1.10	35.79 2.24 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.09 2.52 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.36 1.86 0.00	35.60 1.40 0.00	31.52 1.07 0.00
BAYONEEC___CTG7 323688	31.40 0.89 0.00	28.85 0.78 0.00	26.49 0.67 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.58 1.67 -0.22	29.40 1.76 -0.55	29.98 1.87 -0.61	33.21 2.16 -1.10	35.79 2.24 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.09 2.52 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.36 1.86 0.00	35.60 1.40 0.00	31.52 1.07 0.00

BAYONEEC___CTG8 323689	31.40 0.89 0.00	28.85 0.78 0.00	26.49 0.67 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.58 1.67 -0.22	29.40 1.76 -0.55	29.98 1.87 -0.61	33.21 2.16 -1.10	35.79 2.24 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.09 2.52 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.36 1.86 0.00	35.60 1.40 0.00	31.52 1.07 0.00
BAYONEEC___CTG9 323749	31.40 0.89 0.00	28.85 0.78 0.00	26.49 0.67 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.58 1.67 -0.22	29.40 1.76 -0.55	29.98 1.87 -0.61	33.21 2.16 -1.10	35.79 2.24 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.09 2.52 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.36 1.86 0.00	35.60 1.40 0.00	31.52 1.07 0.00
BEACON___LESR 323632	31.36 0.85 0.00	28.85 0.78 0.00	26.57 0.75 0.00	23.43 0.66 0.00	24.00 0.68 0.00	27.83 0.84 0.00	35.70 1.24 0.00	37.15 1.26 0.00	33.85 1.21 0.00	26.44 0.92 0.17	27.64 0.97 0.42	28.03 0.99 0.46	30.19 1.08 0.84	32.83 1.14 0.81	33.99 1.21 0.84	36.73 1.40 0.74	42.63 1.53 0.20	56.10 2.02 0.38	61.19 2.19 0.09	59.06 2.16 0.00	51.95 1.76 0.00	41.00 1.50 0.00	35.36 1.16 0.00	31.45 1.00 0.00
BEAVER RIVER___HYD 24048	31.30 0.79 0.00	28.88 0.81 0.00	26.62 0.80 0.00	23.47 0.71 0.00	24.09 0.77 0.00	27.94 0.94 0.00	35.66 1.21 0.00	37.33 1.44 0.00	33.59 0.95 0.00	26.20 0.51 0.00	27.58 0.49 0.00	27.86 0.36 0.00	30.34 0.39 0.00	33.08 0.59 0.00	34.32 0.71 0.00	36.85 0.79 0.00	42.42 1.12 0.00	56.32 1.85 0.00	61.57 2.48 0.00	59.51 2.62 0.00	52.61 2.41 0.00	41.12 1.62 0.00	35.43 1.23 0.00	31.45 1.00 0.00
BEEBEE_GT_13 23619	30.39 -0.12 0.00	27.90 -0.17 0.00	25.51 -0.31 0.00	22.61 -0.16 0.00	23.11 -0.21 0.00	26.73 -0.27 0.00	33.94 -0.52 0.00	35.28 -0.61 0.00	32.32 -0.33 0.00	25.46 -0.23 0.00	26.87 -0.22 0.00	27.29 -0.22 0.00	29.69 -0.27 0.00	32.24 -0.26 0.00	33.38 -0.24 0.00	35.81 -0.25 0.00	41.14 -0.17 0.00	54.36 -0.11 0.00	59.44 0.35 0.00	57.29 0.40 0.00	50.90 0.70 0.00	39.66 0.16 0.00	34.61 0.41 0.00	30.66 0.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.58 1.07 0.00	28.91 0.84 0.00	26.55 0.72 0.00	23.36 0.59 0.00	24.07 0.75 0.00	27.62 0.62 0.00	36.18 1.72 0.00	37.65 1.76 0.00	34.54 1.89 0.00	27.84 1.93 -0.22	29.70 2.06 -0.55	30.20 2.09 -0.61	33.51 2.46 -1.10	36.15 2.60 -1.05	37.33 2.62 -1.09	39.62 2.60 -0.96	44.38 2.81 -0.27	58.39 3.43 -0.49	62.39 3.19 -0.11	59.45 2.56 0.00	52.05 1.86 0.00	41.36 1.86 0.00	35.98 1.78 0.00	31.55 1.10 0.00
BETHLEHEM___GRP 23843	31.06 0.55 0.00	28.60 0.53 0.00	26.34 0.52 0.00	23.22 0.46 0.00	23.79 0.47 0.00	27.56 0.57 0.00	35.35 0.90 0.00	36.82 0.93 0.00	33.52 0.88 0.00	26.24 0.72 0.16	27.44 0.76 0.41	27.86 0.80 0.45	30.02 0.87 0.81	32.60 0.88 0.77	33.75 0.94 0.81	36.40 1.05 0.71	42.22 1.12 0.20	55.47 1.36 0.36	60.36 1.36 0.08	58.26 1.37 0.00	51.25 1.05 0.00	40.53 1.03 0.00	34.95 0.75 0.00	31.15 0.70 0.00
BETHLEHEM___GS1 323560	31.06 0.55 0.00	28.60 0.53 0.00	26.34 0.52 0.00	23.22 0.46 0.00	23.79 0.47 0.00	27.56 0.57 0.00	35.35 0.89 0.00	36.79 0.90 0.00	33.52 0.88 0.00	26.24 0.72 0.16	27.44 0.76 0.41	27.86 0.80 0.45	30.02 0.87 0.81	32.60 0.88 0.77	33.75 0.94 0.81	36.40 1.05 0.71	42.18 1.07 0.20	55.47 1.36 0.36	60.36 1.36 0.08	58.26 1.36 0.00	51.25 1.06 0.00	40.49 0.99 0.00	34.95 0.75 0.00	31.12 0.67 0.00
BETHLEHEM___GS2 323561	31.06 0.55 0.00	28.60 0.53 0.00	26.34 0.52 0.00	23.22 0.46 0.00	23.79 0.47 0.00	27.56 0.57 0.00	35.35 0.89 0.00	36.79 0.90 0.00	33.52 0.88 0.00	26.24 0.72 0.16	27.44 0.76 0.41	27.86 0.80 0.45	30.02 0.87 0.81	32.60 0.88 0.77	33.75 0.94 0.81	36.40 1.05 0.71	42.18 1.07 0.20	55.47 1.36 0.36	60.36 1.36 0.08	58.26 1.36 0.00	51.25 1.06 0.00	40.49 0.99 0.00	34.95 0.75 0.00	31.12 0.67 0.00
BETHLEHEM___GS3 323562	31.06 0.55 0.00	28.60 0.53 0.00	26.34 0.52 0.00	23.22 0.46 0.00	23.79 0.47 0.00	27.56 0.57 0.00	35.35 0.89 0.00	36.79 0.90 0.00	33.52 0.88 0.00	26.24 0.72 0.16	27.44 0.76 0.41	27.86 0.80 0.45	30.02 0.87 0.81	32.60 0.88 0.77	33.75 0.94 0.81	36.40 1.05 0.71	42.18 1.07 0.20	55.47 1.36 0.36	60.36 1.36 0.08	58.26 1.36 0.00	51.25 1.06 0.00	40.49 0.99 0.00	34.95 0.75 0.00	31.12 0.67 0.00
BETHLEHEM___STEEL 23779	30.36 -0.15 0.00	27.87 -0.20 0.00	25.49 -0.34 0.00	22.52 -0.25 0.00	23.09 -0.23 0.00	26.48 -0.51 0.00	33.39 -1.07 0.00	34.06 -1.83 0.00	31.44 -1.21 0.00	25.05 -0.64 0.00	26.44 -0.65 0.00	26.93 -0.58 0.00	29.24 -0.72 0.00	31.62 -0.88 0.00	32.74 -0.87 0.00	34.87 -1.19 0.00	39.94 -1.36 0.00	52.61 -1.85 0.00	57.79 -1.30 0.00	55.53 -1.37 0.00	49.75 -0.45 0.00	38.75 -0.75 0.00	34.47 0.27 0.00	30.63 0.18 0.00
BETHLHEM_115KV_TB1 79974	31.06 0.55 0.00	28.57 0.51 0.00	26.31 0.49 0.00	23.20 0.43 0.00	23.77 0.44 0.00	27.43 0.43 0.00	35.18 0.72 0.00	36.64 0.75 0.00	33.39 0.75 0.00	26.22 0.62 0.09	27.52 0.65 0.22	27.96 0.69 0.24	30.28 0.75 0.43	32.87 0.78 0.41	34.00 0.81 0.43	36.55 0.87 0.38	42.15 0.95 0.10	55.42 1.14 0.19	60.11 1.06 0.04	57.92 1.02 0.00	51.00 0.80 0.00	40.29 0.79 0.00	34.81 0.62 0.00	31.03 0.58 0.00
BETHPAGE_CC_5 323564	31.46 0.95 0.00	29.13 1.07 0.00	26.50 0.67 0.00	23.22 0.46 0.00	23.86 0.54 0.00	27.75 0.75 0.00	35.77 1.31 0.00	37.36 1.47 0.00	34.34 1.70 0.00	27.68 1.77 -0.23	32.64 1.98 -3.57	33.04 2.06 -3.47	36.65 2.22 -4.48	41.05 2.27 -6.28	43.58 2.49 -7.48	47.68 2.60 -9.02	52.74 2.73 -8.70	63.68 3.43 -5.78	68.83 3.25 -6.49	64.20 3.01 -4.30	56.04 2.46 -3.38	46.32 2.29 -4.53	42.48 1.85 -6.43	32.12 1.58 -0.09
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.39 -0.12 0.00	27.87 -0.20 0.00	25.51 -0.31 0.00	22.52 -0.25 0.00	23.11 -0.21 0.00	26.48 -0.51 0.00	33.46 -1.00 0.00	34.13 -1.76 0.00	31.47 -1.18 0.00	25.07 -0.62 0.00	26.49 -0.60 0.00	26.96 -0.55 0.00	29.27 -0.69 0.00	31.69 -0.81 0.00	32.81 -0.81 0.00	34.94 -1.12 0.00	40.03 -1.28 0.00	52.72 -1.74 0.00	57.96 -1.12 0.00	55.64 -1.25 0.00	49.85 -0.35 0.00	38.79 -0.71 0.00	34.51 0.31 0.00	30.63 0.18 0.00
BINGHAMTON___COGEN 23790	30.45 -0.06 0.00	28.01 -0.06 0.00	25.72 -0.10 0.00	22.72 -0.05 0.00	23.28 -0.05 0.00	26.89 -0.11 0.00	34.42 -0.03 0.00	35.68 -0.22 0.00	32.51 -0.13 0.00	25.64 -0.05 0.00	27.04 -0.05 0.00	27.48 -0.03 0.00	29.87 -0.09 0.00	32.43 -0.06 0.00	33.55 -0.07 0.00	35.99 -0.07 0.00	41.31 0.00 0.00	54.36 -0.11 0.00	59.20 0.12 0.00	57.06 0.17 0.00	50.55 0.35 0.00	39.58 0.08 0.00	34.51 0.31 0.00	30.63 0.18 0.00

BIXINCNT_115KV_LOAD 355685	30.33 -0.18 0.00	27.84 -0.22 0.00	25.51 -0.31 0.00	22.52 -0.25 0.00	23.14 -0.19 0.00	26.54 -0.46 0.00	33.77 -0.69 0.00	34.42 -1.47 0.00	31.66 -0.98 0.00	25.23 -0.46 0.00	26.71 -0.38 0.00	27.18 -0.33 0.00	29.48 -0.48 0.00	31.91 -0.58 0.00	33.04 -0.57 0.00	35.23 -0.83 0.00	40.48 -0.83 0.00	53.16 -1.31 0.00	58.50 -0.59 0.00	56.15 -0.74 0.00	50.25 0.05 0.00	39.03 -0.47 0.00	34.68 0.48 0.00	30.73 0.27 0.00
BLACK RIVER___HYD 24047	31.46 0.95 0.00	29.02 0.95 0.00	26.78 0.96 0.00	23.61 0.84 0.00	24.26 0.93 0.00	28.13 1.13 0.00	35.94 1.48 0.00	37.69 1.79 0.00	33.82 1.17 0.00	26.30 0.62 0.00	27.68 0.60 0.00	27.97 0.47 0.00	30.43 0.48 0.00	33.21 0.71 0.00	34.52 0.91 0.00	37.14 1.08 0.00	42.79 1.48 0.00	56.97 2.51 0.00	62.45 3.37 0.00	60.48 3.59 0.00	53.46 3.26 0.00	41.67 2.17 0.00	35.77 1.57 0.00	31.70 1.25 0.00
BLACKRVR_115KV_TB2 79977	31.43 0.92 0.00	29.02 0.95 0.00	26.78 0.96 0.00	23.61 0.84 0.00	24.26 0.93 0.00	28.13 1.13 0.00	35.87 1.41 0.00	37.69 1.79 0.00	33.82 1.18 0.00	26.30 0.62 0.00	27.69 0.60 0.00	27.97 0.47 0.00	30.44 0.48 0.00	33.21 0.71 0.00	34.52 0.91 0.00	37.14 1.08 0.00	42.79 1.49 0.00	56.97 2.51 0.00	62.45 3.37 0.00	60.48 3.58 0.00	53.51 3.31 0.00	41.64 2.13 0.00	35.77 1.57 0.00	31.70 1.25 0.00
BLDWN_LI_69_KV_BK4 356085	31.85 1.31 -0.02	29.18 1.09 -0.02	26.57 0.72 -0.02	23.27 0.50 0.00	23.91 0.58 0.00	27.77 0.76 -0.02	35.84 1.38 0.00	37.47 1.58 0.00	34.37 1.73 0.00	27.76 1.82 -0.25	38.32 1.98 -9.25	38.43 2.06 -8.86	43.03 2.25 -10.83	50.89 2.31 -16.08	55.63 2.55 -19.46	62.78 2.63 -24.09	68.70 2.85 -24.54	73.69 3.49 -15.74	80.93 3.43 -18.42	72.45 3.19 -12.37	62.49 2.56 -9.73	55.03 2.49 -13.04	54.04 2.02 -17.82	32.35 1.64 -0.25
BLISS_WT_PWR 323608	30.33 -0.18 0.00	27.84 -0.23 0.00	25.54 -0.28 0.00	22.52 -0.25 0.00	23.14 -0.19 0.00	26.54 -0.46 0.00	33.80 -0.66 0.00	34.53 -1.36 0.00	31.70 -0.95 0.00	25.28 -0.41 0.00	26.74 -0.35 0.00	27.20 -0.30 0.00	29.51 -0.45 0.00	31.95 -0.55 0.00	33.08 -0.54 0.00	35.27 -0.79 0.00	40.85 -0.45 0.00	53.11 -1.36 0.00	58.50 -0.59 0.00	56.15 -0.74 0.00	50.25 0.05 0.00	39.31 -0.20 0.00	34.71 0.51 0.00	30.76 0.30 0.00
BLUESTONE___WT_PWR 323821	31.58 1.07 0.00	29.13 1.07 0.00	26.83 1.01 0.00	23.68 0.91 0.00	24.30 0.98 0.00	28.13 1.13 0.00	36.04 1.59 0.00	37.58 1.69 0.00	33.92 1.27 0.00	26.51 0.82 0.00	27.96 0.87 0.00	28.33 0.82 0.00	30.79 0.84 0.00	33.60 1.11 0.00	34.89 1.28 0.00	37.50 1.44 0.00	43.25 1.94 0.00	57.13 2.67 0.00	62.57 3.49 0.00	60.54 3.64 0.00	53.51 3.31 0.00	41.83 2.33 0.00	36.04 1.85 0.00	31.91 1.46 0.00
BLUE_CIRC_CHEM_DRP 24182	31.15 0.64 0.00	28.65 0.59 0.00	26.39 0.57 0.00	23.27 0.50 0.00	23.84 0.51 0.00	27.59 0.59 0.00	35.32 0.86 0.00	36.72 0.83 0.00	33.36 0.72 0.00	26.14 0.57 0.12	27.40 0.60 0.29	27.83 0.63 0.31	30.08 0.69 0.57	32.67 0.71 0.54	33.79 0.74 0.57	36.39 0.83 0.50	42.08 0.91 0.14	55.36 1.14 0.25	60.27 1.24 0.06	58.09 1.19 0.00	51.20 1.00 0.00	40.45 0.95 0.00	34.95 0.75 0.00	31.12 0.67 0.00
BOC_GAS_DRP 24189	30.88 0.37 0.00	28.43 0.36 0.00	26.16 0.34 0.00	23.06 0.30 0.00	23.63 0.30 0.00	27.35 0.35 0.00	35.08 0.62 0.00	36.54 0.65 0.00	33.30 0.65 0.00	26.14 0.54 0.09	27.47 0.60 0.22	27.90 0.63 0.24	30.22 0.69 0.43	32.80 0.71 0.41	33.93 0.74 0.43	36.44 0.76 0.38	42.03 0.83 0.10	55.20 0.93 0.19	59.87 0.83 0.04	57.69 0.80 0.00	50.80 0.60 0.00	40.17 0.67 0.00	34.68 0.48 0.00	30.91 0.46 0.00
BOONVILLE_115KV_TB1 79983	31.15 0.64 0.00	28.71 0.65 0.00	26.47 0.65 0.00	23.34 0.57 0.00	23.93 0.61 0.00	27.75 0.76 0.00	35.39 0.93 0.00	37.04 1.15 0.00	33.46 0.82 0.00	26.18 0.49 0.00	27.60 0.51 0.00	27.95 0.44 0.00	30.41 0.45 0.00	33.12 0.62 0.00	34.36 0.74 0.00	36.89 0.83 0.00	42.38 1.07 0.00	56.10 1.63 0.00	61.15 2.07 0.00	59.11 2.22 0.00	52.20 2.01 0.00	40.85 1.34 0.00	35.22 1.03 0.00	31.27 0.82 0.00
BORALEX_4TH_BRANCH 23824	31.27 0.76 0.00	28.77 0.70 0.00	26.52 0.70 0.00	23.43 0.66 0.00	24.02 0.70 0.00	27.78 0.78 0.00	35.63 1.17 0.00	37.11 1.22 0.00	33.79 1.14 0.00	26.20 0.92 0.41	27.03 0.98 1.03	27.40 1.02 1.13	29.05 1.14 2.04	31.71 1.17 1.96	32.79 1.21 2.03	35.57 1.30 1.79	42.21 1.40 0.50	55.29 1.74 0.92	60.53 1.65 0.21	58.49 1.59 0.00	51.40 1.20 0.00	40.77 1.26 0.00	35.12 0.92 0.00	31.36 0.91 0.00
BOWLINE___1 23526	31.06 0.55 0.00	28.57 0.51 0.00	26.23 0.41 0.00	23.09 0.32 0.00	23.74 0.42 0.00	27.48 0.49 0.00	35.49 1.03 0.00	37.07 1.18 0.00	33.92 1.27 0.00	27.01 1.13 -0.20	28.80 1.22 -0.49	29.36 1.32 -0.53	32.42 1.50 -0.96	34.98 1.56 -0.92	36.19 1.61 -0.96	38.64 1.73 -0.85	43.36 1.82 -0.23	57.19 2.29 -0.43	61.25 2.07 -0.10	58.77 1.87 0.00	51.60 1.40 0.00	40.80 1.30 0.00	35.16 0.96 0.00	31.18 0.73 0.00
BOWLINE___2 23595	31.03 0.52 0.00	28.57 0.51 0.00	26.23 0.41 0.00	23.09 0.32 0.00	23.72 0.40 0.00	27.48 0.49 0.00	35.46 1.00 0.00	37.04 1.15 0.00	33.88 1.24 0.00	27.01 1.13 -0.20	28.80 1.22 -0.49	29.36 1.32 -0.53	32.42 1.50 -0.96	34.98 1.56 -0.92	36.19 1.61 -0.96	38.64 1.73 -0.85	43.31 1.77 -0.23	57.19 2.29 -0.43	61.25 2.07 -0.10	58.77 1.87 0.00	51.60 1.40 0.00	40.80 1.30 0.00	35.16 0.96 0.00	31.15 0.70 0.00
BRADY___115KV_TB2 356060	31.64 1.13 0.00	29.10 1.04 0.00	26.86 1.03 0.00	23.66 0.89 0.00	24.21 0.89 0.00	28.05 1.05 0.00	35.59 1.14 0.00	37.08 1.18 0.00	33.43 0.78 0.00	26.15 0.46 0.00	27.58 0.49 0.00	27.92 0.41 0.00	30.41 0.45 0.00	33.02 0.52 0.00	34.19 0.57 0.00	36.67 0.61 0.00	42.13 0.83 0.00	55.99 1.53 0.00	60.92 1.83 0.00	58.66 1.76 0.00	51.95 1.76 0.00	40.57 1.07 0.00	35.16 0.96 0.00	31.40 0.94 0.00
BRANSCOMB___SOLAR 323811	31.61 1.10 0.00	29.07 1.01 0.00	26.78 0.96 0.00	23.63 0.86 0.00	24.19 0.86 0.00	28.05 1.05 0.00	35.97 1.51 0.00	37.43 1.54 0.00	33.98 1.34 0.00	26.35 0.87 0.21	27.30 0.73 0.52	27.65 0.71 0.57	29.70 0.78 1.03	32.32 0.81 0.99	33.53 0.94 1.03	35.95 0.79 0.91	41.96 0.91 0.25	55.47 1.47 0.46	60.75 1.77 0.10	59.06 2.16 0.00	52.00 1.80 0.00	40.96 1.46 0.00	35.33 1.13 0.00	31.70 1.25 0.00
BRDGHMPT_69_KV_BK1 55812	31.82 1.31 0.00	29.15 1.09 0.00	26.49 0.67 0.00	23.18 0.41 0.00	23.79 0.47 0.00	27.64 0.65 0.00	35.73 1.27 0.00	37.40 1.51 0.00	34.28 1.63 0.00	27.68 1.77 -0.22	30.83 2.11 -1.63	31.33 2.20 -1.62	34.47 2.22 -2.30	37.62 2.21 -2.91	39.54 2.55 -3.37	43.01 3.10 -3.85	48.04 3.47 -3.27	60.91 4.14 -2.30	65.30 3.84 -2.37	61.78 3.36 -1.53	53.81 2.41 -1.20	43.60 2.49 -1.61	38.09 1.68 -2.21	31.91 1.43 -0.02

BRENTWOD_69_KV_W. BRTWOOD 56703	31.73 1.22 0.00	29.07 1.01 0.00	26.44 0.62 0.00	23.16 0.39 0.00	23.79 0.47 0.00	27.67 0.67 0.00	35.77 1.31 0.00	37.43 1.54 0.00	34.31 1.66 0.00	27.71 1.80 -0.22	30.94 2.03 -1.82	31.43 2.12 -1.81	34.72 2.25 -2.52	37.93 2.18 -3.25	39.85 2.45 -3.78	43.06 2.63 -4.37	48.01 2.89 -3.81	60.40 3.27 -2.66	64.95 3.07 -2.79	61.43 2.73 -1.81	53.68 2.06 -1.42	43.82 2.41 -1.91	38.65 1.81 -2.63	32.06 1.58 -0.03
BRISTLHL_115KV_TB1 79998	29.84 -0.67 0.00	27.45 -0.62 0.00	25.23 -0.59 0.00	22.27 -0.50 0.00	22.81 -0.51 0.00	26.40 -0.59 0.00	33.77 -0.69 0.00	35.25 -0.65 0.00	32.06 -0.59 0.00	25.20 -0.49 0.00	26.57 -0.51 0.00	26.98 -0.52 0.00	29.36 -0.60 0.00	31.88 -0.62 0.00	32.98 -0.64 0.00	35.41 -0.65 0.00	40.52 -0.78 0.00	53.49 -0.98 0.00	58.20 -0.89 0.00	56.10 -0.80 0.00	49.54 -0.65 0.00	38.87 -0.63 0.00	33.79 -0.41 0.00	29.99 -0.46 0.00
BROOKHAVEN___DRP 24191	31.30 0.79 0.00	28.68 0.62 0.00	26.08 0.26 0.00	22.86 0.09 0.00	23.49 0.16 0.00	27.26 0.27 0.00	35.28 0.83 0.00	36.93 1.04 0.00	33.82 1.18 0.00	27.32 1.41 -0.22	30.34 1.63 -1.62	30.83 1.71 -1.62	33.90 1.65 -2.29	36.96 1.56 -2.91	38.86 1.88 -3.36	42.09 2.20 -3.83	47.00 2.44 -3.25	59.60 2.83 -2.30	63.99 2.54 -2.36	60.63 2.22 -1.52	52.95 1.56 -1.20	43.00 1.90 -1.61	37.70 1.30 -2.20	31.54 1.07 -0.02
BROOKLYN_NAVY_YARD 23515	31.36 0.85 0.00	28.82 0.76 0.00	26.47 0.65 0.00	23.25 0.48 0.00	23.93 0.61 0.00	27.73 0.73 0.00	35.90 1.45 0.00	37.58 1.69 0.00	34.50 1.86 0.00	27.58 1.67 -0.22	29.40 1.76 -0.55	29.98 1.87 -0.61	33.21 2.16 -1.10	35.79 2.24 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.11 2.52 -0.28	58.02 2.99 -0.56	62.23 3.01 -0.13	59.57 2.67 0.00	52.21 2.01 0.00	41.36 1.86 0.00	35.60 1.40 0.00	31.52 1.07 0.00
BROOKLYN___ARMY_DRP 323595	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
BROOME_2_LFGE 323671	30.45 -0.06 0.00	28.01 -0.06 0.00	25.75 -0.08 0.00	22.72 -0.05 0.00	23.28 -0.05 0.00	26.89 -0.11 0.00	34.42 -0.03 0.00	35.71 -0.18 0.00	32.51 -0.13 0.00	25.64 -0.05 0.00	27.04 -0.05 0.00	27.48 -0.03 0.00	29.87 -0.09 0.00	32.43 -0.06 0.00	33.55 -0.07 0.00	35.99 -0.07 0.00	41.39 0.08 0.00	54.36 -0.11 0.00	59.20 0.12 0.00	57.06 0.17 0.00	50.50 0.30 0.00	39.66 0.16 0.00	34.51 0.31 0.00	30.64 0.18 0.00
BROOME___LFGE 323600	30.45 -0.06 0.00	28.01 -0.06 0.00	25.75 -0.08 0.00	22.72 -0.05 0.00	23.28 -0.05 0.00	26.89 -0.11 0.00	34.42 -0.03 0.00	35.71 -0.18 0.00	32.51 -0.13 0.00	25.64 -0.05 0.00	27.04 -0.05 0.00	27.48 -0.03 0.00	29.87 -0.09 0.00	32.43 -0.06 0.00	33.55 -0.07 0.00	35.99 -0.07 0.00	41.39 0.08 0.00	54.36 -0.11 0.00	59.20 0.12 0.00	57.06 0.17 0.00	50.50 0.30 0.00	39.66 0.16 0.00	34.51 0.31 0.00	30.64 0.18 0.00
BROWNFLS_115KV_TB_3_5 80003	31.36 0.85 0.00	28.91 0.84 0.00	26.65 0.83 0.00	23.50 0.73 0.00	24.12 0.79 0.00	27.97 0.97 0.00	35.56 1.10 0.00	37.18 1.29 0.00	33.49 0.85 0.00	26.18 0.49 0.00	27.58 0.49 0.00	27.89 0.39 0.00	30.38 0.42 0.00	33.08 0.58 0.00	34.25 0.64 0.00	36.75 0.69 0.00	42.13 0.83 0.00	55.99 1.53 0.00	61.04 1.95 0.00	58.88 1.99 0.00	52.15 1.96 0.00	40.77 1.26 0.00	35.29 1.09 0.00	31.40 0.94 0.00
BROWNSV1_27_KV_LOAD 356125	31.64 1.13 0.00	29.05 0.98 0.00	26.70 0.88 0.00	23.43 0.66 0.00	24.12 0.79 0.00	27.94 0.94 0.00	36.18 1.72 0.00	37.90 2.01 0.00	34.77 2.12 0.00	27.79 1.88 -0.22	29.65 2.00 -0.55	30.23 2.12 -0.61	33.48 2.43 -1.10	36.08 2.53 -1.05	37.33 2.62 -1.09	39.84 2.81 -0.96	44.55 2.97 -0.27	58.66 3.70 -0.49	62.74 3.55 -0.11	60.08 3.19 0.00	52.71 2.51 0.00	41.79 2.29 0.00	35.91 1.71 0.00	31.79 1.34 0.00
BURROWS___LYONSDAL 23803	31.18 0.67 0.00	28.74 0.67 0.00	26.49 0.67 0.00	23.36 0.59 0.00	23.98 0.65 0.00	27.81 0.81 0.00	35.46 1.00 0.00	37.11 1.22 0.00	33.49 0.85 0.00	26.18 0.49 0.00	27.60 0.51 0.00	27.92 0.41 0.00	30.41 0.45 0.00	33.12 0.62 0.00	34.36 0.74 0.00	36.89 0.83 0.00	42.42 1.12 0.00	56.15 1.69 0.00	61.27 2.19 0.00	59.23 2.33 0.00	52.31 2.11 0.00	40.92 1.42 0.00	35.26 1.06 0.00	31.30 0.85 0.00
CAITHNESS_CC_1 323624	30.99 0.49 0.00	28.71 0.65 0.00	26.05 0.23 0.00	22.88 0.11 0.00	23.51 0.19 0.00	27.29 0.30 0.00	35.28 0.83 0.00	36.86 0.97 0.00	33.85 1.21 0.00	27.34 1.44 -0.22	30.36 1.65 -1.62	30.83 1.71 -1.62	33.95 1.71 -2.29	37.02 1.62 -2.90	38.91 1.95 -3.35	42.08 2.20 -3.82	46.86 2.31 -3.24	59.59 2.83 -2.29	63.80 2.37 -2.35	60.74 2.33 -1.52	53.04 1.65 -1.19	42.80 1.70 -1.60	37.69 1.30 -2.19	31.57 1.09 -0.02
CALPINE BETH_PAGE_GT4 24209	31.83 1.31 -0.01	29.16 1.09 -0.01	26.55 0.72 -0.01	23.25 0.48 0.00	23.91 0.58 0.00	27.78 0.78 0.00	35.77 1.31 0.00	37.40 1.51 0.00	34.31 1.66 0.00	27.66 1.75 -0.23	33.46 1.95 -4.42	33.82 2.04 -4.28	37.51 2.13 -5.43	42.41 2.18 -7.74	45.27 2.39 -9.27	49.82 2.49 -11.27	55.06 2.68 -11.07	64.98 3.21 -7.30	70.45 3.07 -8.29	65.24 2.84 -5.50	56.68 2.16 -4.33	47.56 2.25 -5.80	44.26 1.78 -8.29	32.12 1.55 -0.11
CALPINE_BETH_PAGE_GT_4 323586	31.49 0.98 -0.01	29.16 1.09 -0.01	26.53 0.70 -0.01	23.25 0.48 0.00	23.91 0.58 0.00	27.78 0.78 0.00	35.73 1.28 0.00	37.33 1.44 0.00	34.31 1.66 0.00	27.66 1.75 -0.23	33.46 1.95 -4.42	33.82 2.04 -4.28	37.51 2.13 -5.43	42.42 2.18 -7.74	45.27 2.39 -9.27	49.82 2.49 -11.27	54.98 2.60 -11.07	65.03 3.27 -7.30	70.44 3.07 -8.29	65.29 2.90 -5.50	56.83 2.31 -4.33	47.47 2.17 -5.80	44.26 1.78 -8.29	32.12 1.55 -0.11
CALPINE_BP_GT1 23823	31.49 0.98 -0.01	29.16 1.09 -0.01	26.53 0.70 -0.01	23.25 0.48 0.00	23.91 0.58 0.00	27.78 0.78 0.00	35.73 1.28 0.00	37.33 1.44 0.00	34.31 1.66 0.00	27.66 1.75 -0.23	33.46 1.95 -4.42	33.82 2.04 -4.28	37.51 2.13 -5.43	42.42 2.18 -7.74	45.27 2.39 -9.27	49.82 2.49 -11.27	54.98 2.60 -11.07	65.03 3.27 -7.30	70.44 3.07 -8.29	65.29 2.90 -5.50	56.83 2.31 -4.33	47.47 2.17 -5.80	44.26 1.78 -8.29	32.12 1.55 -0.11
CALSPAN___DRP 24200	30.36 -0.15 0.00	27.87 -0.20 0.00	25.49 -0.34 0.00	22.52 -0.25 0.00	23.09 -0.23 0.00	26.48 -0.51 0.00	33.39 -1.07 0.00	34.06 -1.83 0.00	31.44 -1.21 0.00	25.05 -0.64 0.00	26.44 -0.65 0.00	26.93 -0.58 0.00	29.24 -0.72 0.00	31.62 -0.88 0.00	32.74 -0.87 0.00	34.87 -1.19 0.00	39.94 -1.36 0.00	52.61 -1.85 0.00	57.79 -1.30 0.00	55.53 -1.37 0.00	49.75 -0.45 0.00	38.75 -0.75 0.00	34.47 0.27 0.00	30.63 0.18 0.00

CALVERTON___SOLAR 323806	30.99 0.49 0.00	28.71 0.65 0.00	26.05 0.23 0.00	22.86 0.09 0.00	23.49 0.16 0.00	27.29 0.30 0.00	35.25 0.79 0.00	36.86 0.97 0.00	33.85 1.21 0.00	27.32 1.41 -0.22	30.37 1.65 -1.62	30.83 1.71 -1.62	33.90 1.65 -2.30	37.00 1.59 -2.91	38.89 1.92 -3.36	42.17 2.27 -3.84	47.00 2.44 -3.26	59.76 2.99 -2.30	64.05 2.60 -2.36	60.92 2.50 -1.52	53.20 1.80 -1.20	42.89 1.78 -1.61	37.70 1.30 -2.21	31.57 1.09 -0.02
CANDIGU_WT_PWR 323617	30.45 -0.06 0.00	27.95 -0.11 0.00	25.67 -0.15 0.00	22.66 -0.11 0.00	23.23 -0.09 0.00	26.75 -0.24 0.00	34.08 -0.38 0.00	35.00 -0.90 0.00	31.83 -0.81 0.00	25.17 -0.51 0.00	26.55 -0.54 0.00	27.01 -0.49 0.00	29.36 -0.60 0.00	31.85 -0.65 0.00	33.01 -0.60 0.00	35.34 -0.72 0.00	40.81 -0.49 0.00	53.38 -1.09 0.00	58.73 -0.35 0.00	56.61 -0.28 0.00	50.45 0.25 0.00	39.50 0.00 0.00	34.68 0.48 0.00	30.79 0.34 0.00
CARR STREET_E_SYR 24060	29.99 -0.52 0.00	27.59 -0.48 0.00	25.36 -0.46 0.00	22.36 -0.41 0.00	22.90 -0.42 0.00	26.51 -0.49 0.00	33.94 -0.52 0.00	35.35 -0.54 0.00	32.15 -0.49 0.00	25.30 -0.38 0.00	26.68 -0.41 0.00	27.09 -0.41 0.00	29.48 -0.48 0.00	32.01 -0.49 0.00	33.15 -0.47 0.00	35.48 -0.58 0.00	40.73 -0.58 0.00	53.59 -0.87 0.00	58.32 -0.77 0.00	56.21 -0.68 0.00	49.65 -0.55 0.00	38.99 -0.51 0.00	33.89 -0.31 0.00	30.12 -0.33 0.00
CARTHAGE___PAPER 23857	31.40 0.89 0.00	28.96 0.90 0.00	26.73 0.90 0.00	23.56 0.80 0.00	24.19 0.86 0.00	28.08 1.08 0.00	35.84 1.38 0.00	37.54 1.65 0.00	33.72 1.08 0.00	26.25 0.56 0.00	27.63 0.54 0.00	27.92 0.41 0.00	30.38 0.42 0.00	33.15 0.65 0.00	34.39 0.77 0.00	37.00 0.94 0.00	42.63 1.32 0.00	56.70 2.23 0.00	62.04 2.95 0.00	60.02 3.13 0.00	53.06 2.86 0.00	41.40 1.90 0.00	35.60 1.40 0.00	31.58 1.13 0.00
CASSADAGA_WT_PWR 323784	30.82 0.31 0.00	28.23 0.17 0.00	25.87 0.05 0.00	22.81 0.05 0.00	23.42 0.09 0.00	26.86 -0.13 0.00	34.35 -0.10 0.00	35.17 -0.72 0.00	32.19 -0.46 0.00	25.69 0.00 0.00	27.23 0.14 0.00	27.73 0.22 0.00	30.11 0.15 0.00	32.66 0.16 0.00	33.78 0.17 0.00	36.02 -0.04 0.00	41.80 0.50 0.00	54.09 -0.38 0.00	59.68 0.59 0.00	57.24 0.34 0.00	51.15 0.95 0.00	40.01 0.51 0.00	35.29 1.09 0.00	31.24 0.79 0.00
CE_DUNWOOD___DRP 24194	31.24 0.73 0.00	28.74 0.67 0.00	26.42 0.59 0.00	23.20 0.43 0.00	23.86 0.54 0.00	27.64 0.65 0.00	35.70 1.24 0.00	37.36 1.47 0.00	34.18 1.53 0.00	27.30 1.39 -0.22	29.13 1.49 -0.55	29.70 1.60 -0.60	32.84 1.80 -1.08	35.42 1.88 -1.04	36.65 1.95 -1.08	39.11 2.09 -0.95	43.84 2.27 -0.26	57.68 2.72 -0.49	61.74 2.54 -0.11	59.17 2.28 0.00	51.90 1.71 0.00	41.16 1.66 0.00	35.36 1.16 0.00	31.36 0.91 0.00
CE_MILLWOOD___DRP 24193	31.18 0.67 0.00	28.68 0.62 0.00	26.37 0.54 0.00	23.18 0.41 0.00	23.84 0.51 0.00	27.59 0.59 0.00	35.63 1.17 0.00	37.26 1.36 0.00	34.08 1.44 0.00	27.19 1.28 -0.22	29.01 1.38 -0.54	29.58 1.49 -0.59	32.70 1.68 -1.07	35.28 1.75 -1.02	36.49 1.82 -1.06	38.94 1.95 -0.94	43.67 2.11 -0.26	57.50 2.56 -0.48	61.56 2.36 -0.11	59.00 2.11 0.00	51.80 1.61 0.00	41.08 1.58 0.00	35.29 1.09 0.00	31.30 0.85 0.00
CE_NYC2_DRP 24202	31.46 0.95 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.29 0.52 0.00	24.00 0.68 0.00	27.62 0.62 0.00	35.91 1.45 0.00	37.54 1.65 0.00	34.44 1.80 0.00	27.68 1.77 -0.22	29.51 1.87 -0.55	30.04 1.93 -0.61	33.33 2.28 -1.10	35.92 2.37 -1.05	37.13 2.42 -1.09	39.51 2.49 -0.96	44.26 2.68 -0.27	58.23 3.27 -0.49	62.15 2.95 -0.11	59.28 2.39 0.00	51.90 1.71 0.00	41.24 1.74 0.00	35.67 1.47 0.00	31.49 1.04 0.00
CE_NYC_DRP 24195	31.46 0.95 0.00	28.88 0.81 0.00	26.55 0.72 0.00	23.29 0.52 0.00	23.98 0.65 0.00	27.78 0.78 0.00	35.94 1.48 0.00	37.69 1.79 0.00	34.54 1.89 0.00	27.63 1.72 -0.22	29.46 1.82 -0.55	30.04 1.93 -0.61	33.27 2.22 -1.10	35.86 2.31 -1.05	37.10 2.39 -1.09	39.58 2.56 -0.96	44.26 2.68 -0.27	58.23 3.27 -0.49	62.27 3.07 -0.11	59.62 2.73 0.00	52.25 2.06 0.00	41.52 2.01 0.00	35.67 1.47 0.00	31.58 1.13 0.00
CHAFFEE___LFGE 323603	30.42 -0.09 0.00	27.87 -0.20 0.00	25.54 -0.28 0.00	22.52 -0.25 0.00	23.11 -0.21 0.00	26.48 -0.51 0.00	33.49 -0.96 0.00	34.24 -1.65 0.00	31.50 -1.14 0.00	25.10 -0.59 0.00	26.49 -0.60 0.00	26.98 -0.52 0.00	29.30 -0.66 0.00	31.69 -0.81 0.00	32.81 -0.81 0.00	34.98 -1.08 0.00	40.48 -0.83 0.00	52.61 -1.85 0.00	57.96 -1.12 0.00	55.64 -1.25 0.00	49.85 -0.35 0.00	39.07 -0.43 0.00	34.51 0.31 0.00	30.67 0.21 0.00
CHATEAUG_35_KV_LOAD 355732	31.33 0.82 0.00	28.79 0.73 0.00	26.52 0.70 0.00	23.38 0.61 0.00	23.88 0.56 0.00	27.70 0.70 0.00	35.22 0.76 0.00	37.43 1.54 0.00	33.85 1.21 0.00	26.54 0.85 0.00	27.96 0.87 0.00	28.33 0.83 0.00	30.88 0.93 0.00	33.51 1.01 0.00	34.59 0.97 0.00	37.21 1.15 0.00	42.83 1.53 0.00	57.08 2.61 0.00	61.98 2.90 0.00	59.45 2.56 0.00	52.61 2.41 0.00	40.85 1.34 0.00	35.36 1.16 0.00	31.61 1.16 0.00
CHATEAUG_WT_PWR 323614	31.27 0.76 0.00	28.74 0.67 0.00	26.47 0.65 0.00	23.34 0.57 0.00	23.84 0.51 0.00	27.64 0.65 0.00	35.18 0.72 0.00	37.43 1.54 0.00	33.85 1.21 0.00	26.53 0.85 0.00	27.98 0.89 0.00	28.36 0.85 0.00	30.91 0.96 0.00	33.54 1.04 0.00	34.62 1.01 0.00	37.21 1.15 0.00	42.83 1.53 0.00	57.03 2.56 0.00	61.92 2.84 0.00	59.39 2.50 0.00	52.56 2.36 0.00	40.85 1.34 0.00	35.36 1.16 0.00	31.61 1.16 0.00
CHAT_HIGH_FALL_HYD 323578	31.33 0.82 0.00	28.79 0.73 0.00	26.52 0.70 0.00	23.38 0.61 0.00	23.88 0.56 0.00	27.70 0.70 0.00	35.22 0.76 0.00	37.43 1.54 0.00	33.85 1.21 0.00	26.54 0.85 0.00	27.96 0.87 0.00	28.33 0.83 0.00	30.88 0.93 0.00	33.51 1.01 0.00	34.59 0.97 0.00	37.21 1.15 0.00	42.83 1.53 0.00	57.08 2.61 0.00	61.98 2.90 0.00	59.45 2.56 0.00	52.61 2.41 0.00	40.85 1.34 0.00	35.36 1.16 0.00	31.61 1.16 0.00
CHAUTAUQUA___LFGE 323629	30.63 0.12 0.00	28.06 0.00 0.00	25.75 -0.08 0.00	22.70 -0.07 0.00	23.28 -0.05 0.00	26.70 -0.30 0.00	33.84 -0.62 0.00	34.60 -1.29 0.00	31.76 -0.88 0.00	25.33 -0.36 0.00	26.79 -0.30 0.00	27.29 -0.22 0.00	29.63 -0.33 0.00	32.07 -0.42 0.00	33.21 -0.40 0.00	35.41 -0.65 0.00	41.02 -0.29 0.00	53.43 -1.04 0.00	58.85 -0.24 0.00	56.50 -0.40 0.00	50.60 0.40 0.00	39.58 0.08 0.00	34.95 0.75 0.00	31.00 0.55 0.00
CHERRYST_13_KV_LD 356241	31.55 1.04 0.00	28.96 0.90 0.00	26.62 0.80 0.00	23.36 0.59 0.00	24.05 0.72 0.00	27.83 0.84 0.00	36.08 1.62 0.00	37.79 1.90 0.00	34.67 2.02 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.15 2.04 -0.61	33.39 2.34 -1.10	35.99 2.44 -1.05	37.23 2.52 -1.09	39.73 2.70 -0.96	44.42 2.85 -0.27	58.44 3.49 -0.49	62.45 3.25 -0.11	59.80 2.90 0.00	52.46 2.26 0.00	41.64 2.13 0.00	35.74 1.54 0.00	31.67 1.22 0.00

CHESTROR_138KV_BK263 355645	30.94 0.43 0.00	28.46 0.39 0.00	26.13 0.31 0.00	23.02 0.25 0.00	23.63 0.30 0.00	27.37 0.38 0.00	35.25 0.79 0.00	36.79 0.90 0.00	33.59 0.95 0.00	26.70 0.85 -0.17	28.42 0.92 -0.41	28.95 0.99 -0.45	31.91 1.14 -0.82	34.45 1.17 -0.79	35.64 1.21 -0.82	38.11 1.33 -0.72	42.95 1.45 -0.20	56.58 1.74 -0.37	60.82 1.65 -0.08	58.37 1.48 0.00	51.30 1.10 0.00	40.61 1.11 0.00	34.95 0.75 0.00	31.03 0.58 0.00
CH_MIDHUDSON___DRP 24192	31.18 0.67 0.00	28.71 0.65 0.00	26.37 0.54 0.00	23.20 0.43 0.00	23.84 0.51 0.00	27.59 0.59 0.00	35.56 1.10 0.00	37.15 1.26 0.00	33.92 1.27 0.00	26.93 1.08 -0.16	28.66 1.16 -0.40	29.19 1.24 -0.44	32.20 1.44 -0.80	34.76 1.49 -0.77	35.96 1.55 -0.80	38.42 1.66 -0.70	43.32 1.82 -0.19	57.11 2.29 -0.36	61.35 2.19 -0.08	58.88 1.99 0.00	51.70 1.51 0.00	40.96 1.46 0.00	35.22 1.03 0.00	31.27 0.82 0.00
CH_MISC_IPPS 23765	31.30 0.79 0.00	28.82 0.76 0.00	26.42 0.59 0.00	23.27 0.50 0.00	23.88 0.56 0.00	27.67 0.68 0.00	35.66 1.21 0.00	37.25 1.36 0.00	33.98 1.34 0.00	26.97 1.10 -0.17	28.71 1.19 -0.43	29.25 1.27 -0.47	32.28 1.47 -0.86	34.88 1.56 -0.82	36.08 1.61 -0.85	38.58 1.77 -0.75	43.41 1.90 -0.21	57.41 2.56 -0.39	61.71 2.54 -0.09	59.23 2.33 0.00	52.00 1.80 0.00	41.12 1.62 0.00	35.36 1.16 0.00	31.40 0.95 0.00
CH_RES_BVR_FALLS 23983	30.66 0.15 0.00	28.20 0.14 0.00	25.95 0.13 0.00	22.88 0.11 0.00	23.42 0.09 0.00	27.11 0.11 0.00	34.53 0.07 0.00	35.96 0.07 0.00	32.68 0.03 0.00	25.71 0.03 0.00	27.12 0.03 0.00	27.51 0.00 0.00	29.96 0.00 0.00	32.53 0.03 0.00	33.65 0.03 0.00	36.10 0.04 0.00	41.35 0.04 0.00	54.58 0.11 0.00	59.20 0.12 0.00	57.01 0.11 0.00	50.30 0.10 0.00	39.54 0.04 0.00	34.23 0.03 0.00	30.48 0.03 0.00
CH_RES_NIAGARA 23895	29.56 -0.95 0.00	27.11 -0.95 0.00	24.79 -1.03 0.00	22.20 -0.57 0.00	22.46 -0.86 0.00	26.05 -0.94 0.00	32.29 -2.17 0.00	32.88 -3.01 0.00	30.49 -2.15 0.00	24.33 -1.36 0.00	25.65 -1.44 0.00	26.13 -1.38 0.00	28.37 -1.59 0.00	30.61 -1.88 0.00	31.70 -1.92 0.00	33.72 -2.34 0.00	38.46 -2.85 0.00	50.65 -3.81 0.00	55.54 -3.55 0.00	53.37 -3.53 0.00	47.94 -2.26 0.00	37.49 -2.01 0.00	33.45 -0.75 0.00	29.78 -0.67 0.00
CH_RES_SYRACUSE 23985	30.18 -0.33 0.00	27.73 -0.34 0.00	25.49 -0.34 0.00	22.50 -0.27 0.00	23.04 -0.28 0.00	26.67 -0.32 0.00	34.15 -0.31 0.00	35.60 -0.29 0.00	32.35 -0.29 0.00	25.43 -0.26 0.00	26.82 -0.27 0.00	27.23 -0.28 0.00	29.63 -0.33 0.00	32.20 -0.29 0.00	33.31 -0.30 0.00	35.77 -0.29 0.00	41.06 -0.25 0.00	54.03 -0.44 0.00	58.91 -0.18 0.00	56.72 -0.17 0.00	50.15 -0.05 0.00	39.35 -0.16 0.00	34.13 -0.07 0.00	30.33 -0.12 0.00
CLINTON_WT_PWR 323605	31.27 0.76 0.00	28.74 0.67 0.00	26.47 0.65 0.00	23.34 0.57 0.00	23.84 0.51 0.00	27.64 0.65 0.00	35.18 0.72 0.00	37.43 1.54 0.00	33.85 1.21 0.00	26.53 0.85 0.00	27.98 0.89 0.00	28.36 0.85 0.00	30.91 0.96 0.00	33.54 1.04 0.00	34.62 1.01 0.00	37.21 1.15 0.00	42.83 1.53 0.00	57.03 2.56 0.00	61.92 2.84 0.00	59.39 2.50 0.00	52.56 2.36 0.00	40.85 1.34 0.00	35.36 1.16 0.00	31.61 1.16 0.00
CLINTON___LFGE 323618	31.73 1.22 0.00	29.16 1.09 0.00	26.86 1.03 0.00	23.68 0.91 0.00	24.16 0.84 0.00	28.02 1.03 0.00	36.01 1.55 0.00	38.37 2.47 0.00	34.63 1.99 0.00	27.13 1.44 0.00	28.58 1.49 0.00	28.94 1.43 0.00	31.57 1.62 0.00	34.25 1.75 0.00	35.36 1.75 0.00	38.08 2.02 0.00	43.95 2.65 0.00	58.77 4.30 0.00	63.87 4.78 0.00	61.16 4.27 0.00	54.11 3.92 0.00	41.75 2.25 0.00	36.18 1.98 0.00	32.34 1.89 0.00
COBBLENY_34_KV_TB1 80064	30.39 -0.12 0.00	27.87 -0.20 0.00	25.51 -0.31 0.00	22.52 -0.25 0.00	23.11 -0.21 0.00	26.48 -0.51 0.00	33.49 -0.96 0.00	34.17 -1.72 0.00	31.50 -1.14 0.00	25.07 -0.62 0.00	26.49 -0.60 0.00	26.98 -0.52 0.00	29.30 -0.66 0.00	31.69 -0.81 0.00	32.81 -0.81 0.00	34.98 -1.08 0.00	40.07 -1.24 0.00	52.78 -1.69 0.00	58.02 -1.06 0.00	55.70 -1.19 0.00	49.90 -0.30 0.00	38.83 -0.67 0.00	34.51 0.31 0.00	30.63 0.18 0.00
COFFEEN___115KV_TB3 355620	31.55 1.04 0.00	29.13 1.07 0.00	26.88 1.06 0.00	23.70 0.93 0.00	24.35 1.03 0.00	28.27 1.27 0.00	36.01 1.55 0.00	37.87 1.97 0.00	33.95 1.31 0.00	26.38 0.69 0.00	27.77 0.68 0.00	28.03 0.52 0.00	30.50 0.54 0.00	33.31 0.81 0.00	34.62 1.01 0.00	37.29 1.23 0.00	43.00 1.69 0.00	57.30 2.83 0.00	62.87 3.78 0.00	60.93 4.04 0.00	53.86 3.66 0.00	41.87 2.37 0.00	35.98 1.78 0.00	31.85 1.40 0.00
COLDSPRG_115KV_BK1 355956	30.78 0.27 0.00	28.23 0.17 0.00	25.87 0.05 0.00	22.81 0.05 0.00	23.44 0.12 0.00	26.89 -0.11 0.00	34.60 0.14 0.00	35.28 -0.61 0.00	32.35 -0.29 0.00	25.76 0.08 0.00	27.31 0.22 0.00	27.81 0.30 0.00	30.14 0.18 0.00	32.73 0.23 0.00	33.85 0.24 0.00	36.13 0.07 0.00	41.55 0.25 0.00	54.25 -0.22 0.00	59.74 0.65 0.00	57.35 0.46 0.00	51.25 1.05 0.00	39.70 0.20 0.00	35.26 1.06 0.00	31.15 0.70 0.00
COLONIE_LFGE___ 323577	31.21 0.70 0.00	28.71 0.65 0.00	26.44 0.62 0.00	23.34 0.57 0.00	23.91 0.58 0.00	27.70 0.70 0.00	35.49 1.03 0.00	36.97 1.08 0.00	33.66 1.01 0.00	26.21 0.77 0.25	27.23 0.76 0.61	27.63 0.80 0.67	29.61 0.87 1.22	32.24 0.91 1.17	33.34 0.94 1.21	36.00 1.01 1.07	42.08 1.07 0.30	55.33 1.41 0.55	60.44 1.48 0.12	58.43 1.54 0.00	51.40 1.20 0.00	40.61 1.10 0.00	35.05 0.86 0.00	31.27 0.82 0.00
COOPERNY_115KV_TB1 80082	30.75 0.24 0.00	28.32 0.25 0.00	26.03 0.21 0.00	22.93 0.16 0.00	23.53 0.21 0.00	27.24 0.24 0.00	35.01 0.55 0.00	36.54 0.65 0.00	33.33 0.69 0.00	26.39 0.59 -0.11	28.01 0.65 -0.27	28.49 0.69 -0.30	31.31 0.81 -0.54	33.86 0.84 -0.52	35.03 0.87 -0.54	37.48 0.94 -0.48	42.47 1.03 -0.13	55.91 1.20 -0.24	60.26 1.12 -0.06	57.92 1.02 0.00	51.00 0.80 0.00	40.25 0.75 0.00	34.75 0.55 0.00	30.85 0.40 0.00
COPENHAGEN_WT_PWR 323753	31.27 0.76 0.00	28.85 0.78 0.00	26.62 0.80 0.00	23.47 0.71 0.00	24.12 0.79 0.00	27.97 0.97 0.00	35.73 1.28 0.00	37.43 1.54 0.00	33.66 1.01 0.00	26.17 0.49 0.00	27.58 0.49 0.00	27.86 0.36 0.00	30.32 0.36 0.00	33.08 0.59 0.00	34.35 0.74 0.00	36.96 0.90 0.00	42.59 1.28 0.00	56.59 2.12 0.00	62.04 2.95 0.00	60.02 3.13 0.00	53.11 2.91 0.00	41.40 1.90 0.00	35.60 1.40 0.00	31.52 1.07 0.00
CORNELL_____ 23752	30.78 0.27 0.00	28.32 0.25 0.00	26.03 0.21 0.00	22.97 0.20 0.00	23.53 0.21 0.00	27.24 0.24 0.00	34.91 0.45 0.00	36.36 0.47 0.00	32.97 0.33 0.00	25.89 0.21 0.00	27.25 0.16 0.00	27.64 0.14 0.00	30.08 0.12 0.00	32.69 0.19 0.00	33.88 0.27 0.00	36.42 0.36 0.00	41.88 0.58 0.00	55.28 0.82 0.00	60.45 1.36 0.00	58.26 1.37 0.00	51.50 1.31 0.00	40.29 0.79 0.00	34.99 0.79 0.00	31.03 0.58 0.00

CORONA__69_KV_TB1 355595	31.90 1.34 -0.05	29.27 1.15 -0.05	26.65 0.77 -0.05	23.34 0.57 0.00	23.98 0.65 0.00	27.84 0.81 -0.04	35.94 1.48 0.00	37.54 1.65 0.00	34.47 1.83 0.00	27.84 1.88 -0.28	46.81 2.03 -17.69	46.50 2.12 -16.88	52.57 2.34 -20.28	65.60 2.44 -30.67	73.55 2.66 -37.28	85.24 2.67 -46.51	92.32 2.89 -48.12	89.55 3.54 -31.55	99.26 3.49 -36.69	84.56 3.30 -24.37	72.03 2.66 -19.17	67.77 2.57 -25.70	69.65 2.15 -33.30	32.63 1.71 -0.48
CORTLAND__115KV_TB3 80093	30.54 0.03 0.00	28.12 0.06 0.00	25.85 0.03 0.00	22.79 0.02 0.00	23.37 0.05 0.00	27.05 0.05 0.00	34.63 0.17 0.00	36.07 0.18 0.00	32.74 0.10 0.00	25.74 0.05 0.00	27.14 0.05 0.00	27.53 0.03 0.00	29.96 0.00 0.00	32.56 0.06 0.00	33.72 0.10 0.00	36.20 0.14 0.00	41.55 0.25 0.00	54.79 0.33 0.00	59.74 0.65 0.00	57.63 0.74 0.00	50.90 0.70 0.00	39.90 0.40 0.00	34.64 0.44 0.00	30.73 0.27 0.00
COXSACKIE__GT 23611	32.07 1.56 0.00	29.52 1.46 0.00	27.01 1.19 0.00	23.86 1.09 0.00	24.37 1.05 0.00	28.37 1.38 0.00	36.35 1.89 0.00	37.83 1.94 0.00	33.82 1.17 0.00	26.72 1.03 0.00	28.09 1.00 0.00	28.50 0.99 0.00	31.16 1.20 0.00	33.80 1.30 0.00	35.09 1.48 0.00	37.86 1.80 0.00	43.70 2.39 0.00	58.55 4.09 0.00	64.29 5.20 0.00	60.76 3.87 0.00	53.61 3.42 0.00	42.31 2.80 0.00	36.08 1.88 0.00	32.22 1.77 0.00
CPV_VALLEY__CC1 323721	30.73 0.22 0.00	28.29 0.22 0.00	26.00 0.18 0.00	22.88 0.11 0.00	23.51 0.19 0.00	27.21 0.21 0.00	35.04 0.59 0.00	36.57 0.68 0.00	33.39 0.75 0.00	26.52 0.69 -0.14	28.20 0.76 -0.35	28.71 0.82 -0.38	31.60 0.96 -0.69	34.13 0.97 -0.66	35.31 1.01 -0.69	37.75 1.08 -0.61	42.59 1.12 -0.17	56.14 1.36 -0.31	60.40 1.24 -0.07	57.97 1.08 0.00	50.95 0.75 0.00	40.25 0.75 0.00	34.74 0.55 0.00	30.82 0.37 0.00
CPV_VALLEY__CC2 323722	30.73 0.22 0.00	28.29 0.22 0.00	26.00 0.18 0.00	22.88 0.11 0.00	23.51 0.19 0.00	27.21 0.21 0.00	35.04 0.59 0.00	36.57 0.68 0.00	33.39 0.75 0.00	26.52 0.69 -0.14	28.20 0.76 -0.35	28.71 0.82 -0.38	31.60 0.96 -0.69	34.13 0.97 -0.66	35.31 1.01 -0.69	37.75 1.08 -0.61	42.59 1.12 -0.17	56.14 1.36 -0.31	60.40 1.24 -0.07	57.97 1.08 0.00	50.95 0.75 0.00	40.25 0.75 0.00	34.74 0.55 0.00	30.82 0.37 0.00
CRESCENT__HYD 24018	31.21 0.70 0.00	28.71 0.65 0.00	26.44 0.62 0.00	23.34 0.57 0.00	23.91 0.58 0.00	27.70 0.70 0.00	35.49 1.03 0.00	36.97 1.08 0.00	33.66 1.01 0.00	26.21 0.77 0.25	27.23 0.76 0.61	27.63 0.80 0.67	29.61 0.87 1.22	32.24 0.91 1.17	33.34 0.94 1.21	36.00 1.01 1.07	42.08 1.07 0.30	55.33 1.41 0.55	60.44 1.48 0.12	58.43 1.54 0.00	51.40 1.20 0.00	40.61 1.10 0.00	35.05 0.86 0.00	31.27 0.82 0.00
CRICKET__VALLEY_CC1 323756	30.82 0.31 0.00	28.37 0.31 0.00	26.13 0.31 0.00	23.04 0.27 0.00	23.67 0.35 0.00	27.35 0.35 0.00	35.18 0.72 0.00	36.72 0.83 0.00	33.56 0.91 0.00	23.92 0.82 2.59	21.55 0.89 6.43	21.43 0.96 7.03	18.33 1.11 12.74	21.41 1.14 12.22	22.09 1.18 12.71	26.09 1.23 11.20	39.41 1.20 3.09	50.32 1.58 5.72	59.09 1.30 1.29	58.03 1.14 0.00	50.95 0.75 0.00	40.37 0.87 0.00	34.78 0.58 0.00	30.91 0.46 0.00
CRICKET__VALLEY_CC2 323757	30.82 0.31 0.00	28.37 0.31 0.00	26.13 0.31 0.00	23.04 0.27 0.00	23.67 0.35 0.00	27.35 0.35 0.00	35.18 0.72 0.00	36.72 0.83 0.00	33.56 0.91 0.00	23.92 0.82 2.59	21.55 0.89 6.43	21.43 0.96 7.03	18.33 1.11 12.74	21.41 1.14 12.22	22.09 1.18 12.71	26.09 1.23 11.20	39.41 1.20 3.09	50.32 1.58 5.72	59.09 1.30 1.29	58.03 1.14 0.00	50.95 0.75 0.00	40.37 0.87 0.00	34.78 0.58 0.00	30.91 0.46 0.00
CRICKET__VALLEY_CC3 323758	30.82 0.31 0.00	28.37 0.31 0.00	26.13 0.31 0.00	23.04 0.27 0.00	23.67 0.35 0.00	27.35 0.35 0.00	35.18 0.72 0.00	36.72 0.83 0.00	33.56 0.91 0.00	23.92 0.82 2.59	21.55 0.89 6.43	21.43 0.96 7.03	18.33 1.11 12.74	21.41 1.14 12.22	22.09 1.18 12.71	26.09 1.23 11.20	39.41 1.20 3.09	50.32 1.58 5.72	59.09 1.30 1.29	58.03 1.14 0.00	50.95 0.75 0.00	40.37 0.87 0.00	34.78 0.58 0.00	30.91 0.46 0.00
CRUCIBLE__METL_DRP 24180	30.14 -0.37 0.00	27.73 -0.34 0.00	25.49 -0.34 0.00	22.50 -0.27 0.00	23.04 -0.28 0.00	26.67 -0.32 0.00	34.15 -0.31 0.00	35.57 -0.32 0.00	32.35 -0.29 0.00	25.43 -0.26 0.00	26.82 -0.27 0.00	27.23 -0.28 0.00	29.63 -0.33 0.00	32.21 -0.29 0.00	33.31 -0.30 0.00	35.77 -0.29 0.00	41.02 -0.29 0.00	54.08 -0.38 0.00	58.91 -0.18 0.00	56.78 -0.11 0.00	50.15 -0.05 0.00	39.30 -0.20 0.00	34.13 -0.07 0.00	30.33 -0.12 0.00
DAHOWA__HYDRO 323763	31.79 1.28 0.00	29.21 1.15 0.00	26.91 1.08 0.00	23.72 0.96 0.00	24.28 0.96 0.00	28.18 1.19 0.00	36.18 1.72 0.00	37.61 1.72 0.00	34.15 1.50 0.00	26.46 0.98 0.20	27.40 0.81 0.50	27.79 0.82 0.55	29.81 0.84 0.99	32.46 0.91 0.95	33.67 1.04 0.99	36.02 0.83 0.87	42.02 0.95 0.24	55.65 1.63 0.44	61.00 2.01 0.10	59.28 2.39 0.00	52.21 2.01 0.00	41.08 1.58 0.00	35.43 1.23 0.00	31.85 1.40 0.00
DANC__LFGE 323619	30.73 0.22 0.00	28.32 0.25 0.00	26.08 0.26 0.00	23.00 0.23 0.00	23.60 0.28 0.00	27.35 0.35 0.00	34.98 0.52 0.00	36.57 0.68 0.00	33.00 0.36 0.00	25.79 0.10 0.00	27.17 0.08 0.00	27.51 0.00 0.00	29.93 -0.03 0.00	32.60 0.10 0.00	33.82 0.20 0.00	36.35 0.29 0.00	41.76 0.46 0.00	55.33 0.87 0.00	60.50 1.42 0.00	58.48 1.59 0.00	51.70 1.50 0.00	40.41 0.91 0.00	34.88 0.68 0.00	30.91 0.46 0.00
DANSKAMMER__1 23586	31.30 0.79 0.00	28.82 0.76 0.00	26.42 0.59 0.00	23.27 0.50 0.00	23.88 0.56 0.00	27.67 0.68 0.00	35.66 1.21 0.00	37.25 1.36 0.00	33.98 1.34 0.00	26.97 1.10 -0.17	28.71 1.19 -0.43	29.25 1.27 -0.47	32.28 1.47 -0.86	34.88 1.56 -0.82	36.08 1.61 -0.85	38.58 1.77 -0.75	43.41 1.90 -0.21	57.41 2.56 -0.39	61.71 2.54 -0.09	59.23 2.33 0.00	52.00 1.80 0.00	41.12 1.62 0.00	35.36 1.16 0.00	31.40 0.95 0.00
DANSKAMMER__2 23589	31.30 0.79 0.00	28.82 0.76 0.00	26.42 0.59 0.00	23.27 0.50 0.00	23.88 0.56 0.00	27.67 0.68 0.00	35.66 1.21 0.00	37.25 1.36 0.00	33.98 1.34 0.00	26.97 1.10 -0.17	28.71 1.19 -0.43	29.25 1.27 -0.47	32.28 1.47 -0.86	34.88 1.56 -0.82	36.08 1.61 -0.85	38.58 1.77 -0.75	43.41 1.90 -0.21	57.41 2.56 -0.39	61.71 2.54 -0.09	59.23 2.33 0.00	52.00 1.80 0.00	41.12 1.62 0.00	35.36 1.16 0.00	31.40 0.95 0.00
DANSKAMMER__3 23590	31.30 0.79 0.00	28.82 0.76 0.00	26.42 0.59 0.00	23.27 0.50 0.00	23.88 0.56 0.00	27.67 0.68 0.00	35.66 1.21 0.00	37.25 1.36 0.00	33.98 1.34 0.00	26.97 1.10 -0.17	28.71 1.19 -0.43	29.25 1.27 -0.47	32.28 1.47 -0.86	34.88 1.56 -0.82	36.08 1.61 -0.85	38.58 1.77 -0.75	43.41 1.90 -0.21	57.41 2.56 -0.39	61.71 2.54 -0.09	59.23 2.33 0.00	52.00 1.80 0.00	41.12 1.62 0.00	35.36 1.16 0.00	31.40 0.95 0.00

DANSKAMMER___4 23591	31.30 0.79 0.00	28.82 0.76 0.00	26.42 0.59 0.00	23.27 0.50 0.00	23.88 0.56 0.00	27.67 0.68 0.00	35.66 1.21 0.00	37.25 1.36 0.00	33.98 1.34 0.00	26.97 1.10 -0.17	28.71 1.19 -0.43	29.25 1.27 -0.47	32.28 1.47 -0.86	34.88 1.56 -0.82	36.08 1.61 -0.85	38.58 1.77 -0.75	43.41 1.90 -0.21	57.41 2.56 -0.39	61.71 2.54 -0.09	59.23 2.33 0.00	52.00 1.80 0.00	41.12 1.62 0.00	35.36 1.16 0.00	31.40 0.95 0.00
DANSKAMMER___DIESEL 23592	31.30 0.79 0.00	28.82 0.76 0.00	26.44 0.62 0.00	23.27 0.50 0.00	23.88 0.56 0.00	27.67 0.67 0.00	35.66 1.21 0.00	37.26 1.36 0.00	33.98 1.34 0.00	26.97 1.10 -0.17	28.71 1.19 -0.43	29.24 1.27 -0.47	32.28 1.47 -0.86	34.88 1.56 -0.82	36.08 1.61 -0.85	38.58 1.77 -0.75	43.50 1.98 -0.21	57.41 2.56 -0.39	61.71 2.54 -0.09	59.17 2.28 0.00	52.00 1.81 0.00	41.20 1.70 0.00	35.36 1.16 0.00	31.40 0.94 0.00
DARBY___SOLAR 323810	31.64 1.13 0.00	29.07 1.01 0.00	26.80 0.98 0.00	23.63 0.86 0.00	24.19 0.86 0.00	28.05 1.05 0.00	36.01 1.55 0.00	37.43 1.54 0.00	33.98 1.34 0.00	26.35 0.87 0.21	27.30 0.73 0.52	27.65 0.71 0.57	29.71 0.78 1.03	32.32 0.81 0.99	33.53 0.94 1.02	35.95 0.79 0.90	41.96 0.91 0.25	55.53 1.52 0.46	60.87 1.89 0.10	59.06 2.16 0.00	51.95 1.76 0.00	40.92 1.42 0.00	35.33 1.13 0.00	31.70 1.25 0.00
DASHVILLE___HYD 23610	31.03 0.52 0.00	28.54 0.48 0.00	26.18 0.36 0.00	23.04 0.27 0.00	23.67 0.35 0.00	27.40 0.40 0.00	35.28 0.83 0.00	36.86 0.97 0.00	33.52 0.88 0.00	26.77 0.98 -0.11	28.39 1.03 -0.27	28.90 1.10 -0.30	31.78 1.29 -0.54	34.34 1.33 -0.51	35.53 1.38 -0.53	38.01 1.48 -0.47	43.13 1.69 -0.13	56.94 2.23 -0.24	61.39 2.25 -0.05	58.37 1.48 0.00	51.35 1.15 0.00	40.69 1.19 0.00	34.95 0.75 0.00	31.12 0.67 0.00
DELAWARE___LFGE 323621	30.91 0.40 0.00	28.46 0.39 0.00	26.16 0.34 0.00	23.06 0.30 0.00	23.67 0.35 0.00	27.40 0.40 0.00	35.11 0.65 0.00	36.61 0.72 0.00	33.26 0.62 0.00	26.18 0.49 0.00	27.60 0.51 0.00	28.03 0.52 0.00	30.53 0.57 0.00	33.15 0.65 0.00	34.32 0.71 0.00	36.82 0.76 0.00	42.21 0.91 0.00	55.56 1.09 0.00	60.33 1.24 0.00	58.15 1.25 0.00	51.25 1.05 0.00	40.37 0.87 0.00	34.92 0.72 0.00	31.00 0.55 0.00
DERFIELD_115KV_TB7 355931	30.51 0.00 0.00	28.09 0.03 0.00	25.85 0.03 0.00	22.79 0.02 0.00	23.35 0.02 0.00	27.02 0.03 0.00	34.53 0.07 0.00	36.00 0.11 0.00	32.74 0.10 0.00	25.76 0.08 0.00	27.17 0.08 0.00	27.59 0.08 0.00	30.05 0.09 0.00	32.60 0.10 0.00	33.75 0.13 0.00	36.17 0.11 0.00	41.47 0.17 0.00	54.63 0.16 0.00	59.26 0.18 0.00	57.06 0.17 0.00	50.35 0.15 0.00	39.66 0.16 0.00	34.27 0.07 0.00	30.51 0.06 0.00
DOGLEVILLE___HYD 23807	31.03 0.52 0.00	28.57 0.51 0.00	26.29 0.46 0.00	23.18 0.41 0.00	23.77 0.44 0.00	27.54 0.54 0.00	35.15 0.69 0.00	36.64 0.75 0.00	33.30 0.65 0.00	26.18 0.49 0.00	27.63 0.54 0.00	28.06 0.55 0.00	30.53 0.57 0.00	33.15 0.65 0.00	34.32 0.71 0.00	36.85 0.79 0.00	42.21 0.91 0.00	55.66 1.20 0.00	60.45 1.36 0.00	58.26 1.37 0.00	51.35 1.15 0.00	40.45 0.95 0.00	34.92 0.72 0.00	31.09 0.64 0.00
DUNKIRK__115KV_TB_200 55889	30.57 0.06 0.00	28.04 -0.03 0.00	25.67 -0.15 0.00	22.68 -0.09 0.00	23.25 -0.07 0.00	26.67 -0.32 0.00	33.77 -0.69 0.00	34.42 -1.47 0.00	31.70 -0.95 0.00	25.28 -0.41 0.00	26.74 -0.35 0.00	27.23 -0.28 0.00	29.54 -0.42 0.00	31.98 -0.52 0.00	33.11 -0.50 0.00	35.30 -0.76 0.00	40.52 -0.78 0.00	53.43 -1.03 0.00	58.79 -0.30 0.00	56.44 -0.46 0.00	50.50 0.30 0.00	39.27 -0.24 0.00	34.88 0.68 0.00	30.91 0.46 0.00
DUNKIRK___1 23563	30.57 0.06 0.00	28.04 -0.03 0.00	25.67 -0.15 0.00	22.68 -0.09 0.00	23.25 -0.07 0.00	26.67 -0.32 0.00	33.77 -0.69 0.00	34.42 -1.47 0.00	31.70 -0.95 0.00	25.28 -0.41 0.00	26.74 -0.35 0.00	27.23 -0.28 0.00	29.54 -0.42 0.00	31.98 -0.52 0.00	33.11 -0.50 0.00	35.30 -0.76 0.00	40.52 -0.78 0.00	53.43 -1.03 0.00	58.79 -0.30 0.00	56.44 -0.46 0.00	50.50 0.30 0.00	39.27 -0.24 0.00	34.88 0.68 0.00	30.91 0.46 0.00
DUNKIRK___2 23564	30.57 0.06 0.00	28.04 -0.03 0.00	25.67 -0.15 0.00	22.68 -0.09 0.00	23.25 -0.07 0.00	26.67 -0.32 0.00	33.77 -0.69 0.00	34.42 -1.47 0.00	31.70 -0.95 0.00	25.28 -0.41 0.00	26.74 -0.35 0.00	27.23 -0.28 0.00	29.54 -0.42 0.00	31.98 -0.52 0.00	33.11 -0.50 0.00	35.30 -0.76 0.00	40.52 -0.78 0.00	53.43 -1.03 0.00	58.79 -0.30 0.00	56.44 -0.46 0.00	50.50 0.30 0.00	39.27 -0.24 0.00	34.88 0.68 0.00	30.91 0.46 0.00
DUNKIRK___3 23565	30.42 -0.09 0.00	27.90 -0.17 0.00	25.56 -0.26 0.00	22.56 -0.20 0.00	23.16 -0.16 0.00	26.54 -0.46 0.00	33.56 -0.90 0.00	34.24 -1.65 0.00	31.53 -1.11 0.00	25.12 -0.57 0.00	26.57 -0.51 0.00	27.07 -0.44 0.00	29.36 -0.60 0.00	31.78 -0.71 0.00	32.91 -0.71 0.00	35.09 -0.97 0.00	40.23 -1.07 0.00	53.05 -1.42 0.00	58.32 -0.77 0.00	55.98 -0.91 0.00	50.10 -0.10 0.00	38.99 -0.51 0.00	34.64 0.44 0.00	30.73 0.27 0.00
DUNKIRK___4 23566	30.42 -0.09 0.00	27.90 -0.17 0.00	25.56 -0.26 0.00	22.56 -0.20 0.00	23.16 -0.16 0.00	26.54 -0.46 0.00	33.56 -0.90 0.00	34.24 -1.65 0.00	31.53 -1.11 0.00	25.12 -0.57 0.00	26.57 -0.51 0.00	27.07 -0.44 0.00	29.36 -0.60 0.00	31.78 -0.71 0.00	32.91 -0.71 0.00	35.09 -0.97 0.00	40.23 -1.07 0.00	53.05 -1.42 0.00	58.32 -0.77 0.00	55.98 -0.91 0.00	50.10 -0.10 0.00	38.99 -0.51 0.00	34.64 0.44 0.00	30.73 0.27 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.30 0.79 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.25 0.48 0.00	23.91 0.58 0.00	27.67 0.67 0.00	35.77 1.31 0.00	37.43 1.54 0.00	34.28 1.63 0.00	27.37 1.46 -0.22	29.21 1.57 -0.55	29.79 1.68 -0.61	32.97 1.92 -1.10	35.53 1.98 -1.05	36.76 2.05 -1.09	39.22 2.20 -0.96	43.97 2.40 -0.27	57.90 2.94 -0.49	61.92 2.72 -0.11	59.34 2.45 0.00	52.05 1.86 0.00	41.28 1.78 0.00	35.46 1.27 0.00	31.43 0.97 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.09 0.58 0.00	28.60 0.53 0.00	26.26 0.44 0.00	23.11 0.34 0.00	23.72 0.40 0.00	27.48 0.49 0.00	35.42 0.96 0.00	37.00 1.11 0.00	33.75 1.11 0.00	26.80 0.95 -0.16	28.52 1.03 -0.40	29.04 1.10 -0.44	32.04 1.29 -0.79	34.59 1.33 -0.76	35.78 1.38 -0.79	38.27 1.51 -0.70	43.19 1.69 -0.19	56.89 2.07 -0.36	61.23 2.07 -0.08	58.71 1.82 0.00	51.60 1.41 0.00	40.85 1.34 0.00	35.12 0.92 0.00	31.18 0.73 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	31.55 1.04 0.00	28.85 0.79 0.00	26.55 0.72 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.56 0.57 0.00	35.80 1.34 0.00	37.36 1.47 0.00	34.31 1.66 0.00	27.56 1.67 -0.21	29.40 1.76 -0.55	29.93 1.82 -0.61	33.18 2.13 -1.10	35.74 2.21 -1.04	36.98 2.29 -1.08	39.37 2.34 -0.96	44.17 2.60 -0.27	58.06 3.10 -0.49	62.03 2.84 -0.11	59.06 2.16 0.00	51.65 1.46 0.00	41.08 1.58 0.00	35.60 1.40 0.00	31.46 1.00 0.00

E179THST_13_KV_LOAD 356214	31.67 1.16 0.00	28.96 0.90 0.00	26.65 0.83 0.00	23.36 0.59 0.00	24.09 0.77 0.00	27.67 0.67 0.00	35.94 1.48 0.00	37.54 1.65 0.00	34.47 1.83 0.00	27.69 1.80 -0.21	29.54 1.90 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.94 2.40 -1.04	37.18 2.49 -1.08	39.55 2.52 -0.96	44.42 2.85 -0.27	58.44 3.49 -0.49	62.45 3.25 -0.11	59.40 2.50 0.00	51.95 1.76 0.00	41.28 1.78 0.00	35.77 1.57 0.00	31.61 1.16 0.00
EAST HAMPTON___GT 23717	31.76 1.25 0.00	29.43 1.37 0.00	26.67 0.85 0.00	23.36 0.59 0.00	23.95 0.63 0.00	27.83 0.84 0.00	35.94 1.48 0.00	37.58 1.69 0.00	34.50 1.86 0.00	27.88 1.98 -0.22	31.10 2.38 -1.63	31.61 2.48 -1.62	34.80 2.54 -2.30	38.01 2.60 -2.91	39.98 2.99 -3.37	43.40 3.50 -3.85	48.37 3.80 -3.27	61.51 4.74 -2.31	65.77 4.31 -2.37	62.29 3.87 -1.53	54.21 2.81 -1.20	43.57 2.45 -1.61	38.16 1.74 -2.21	32.03 1.55 -0.02
EAST RIVER___6 23660	31.42 0.91 0.00	28.88 0.81 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.98 0.65 0.00	27.75 0.75 0.00	35.94 1.48 0.00	37.69 1.79 0.00	34.63 1.99 0.00	27.68 1.77 -0.22	29.51 1.87 -0.55	30.12 2.01 -0.61	33.36 2.31 -1.10	35.95 2.40 -1.05	37.20 2.49 -1.09	39.65 2.63 -0.96	44.30 2.73 -0.27	58.39 3.43 -0.49	62.39 3.19 -0.11	59.68 2.79 0.00	52.30 2.11 0.00	41.44 1.94 0.00	35.67 1.47 0.00	31.58 1.13 0.00
EAST RIVER___7 23524	31.42 0.91 0.00	28.88 0.81 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.98 0.65 0.00	27.75 0.75 0.00	35.94 1.48 0.00	37.69 1.79 0.00	34.63 1.99 0.00	27.68 1.77 -0.22	29.51 1.87 -0.55	30.12 2.01 -0.61	33.36 2.31 -1.10	35.95 2.40 -1.05	37.20 2.49 -1.09	39.65 2.63 -0.96	44.30 2.73 -0.27	58.39 3.43 -0.49	62.39 3.19 -0.11	59.68 2.79 0.00	52.30 2.11 0.00	41.44 1.94 0.00	35.67 1.47 0.00	31.58 1.13 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.24 0.73 0.00	28.74 0.67 0.00	26.42 0.59 0.00	23.20 0.43 0.00	23.86 0.54 0.00	27.64 0.65 0.00	35.70 1.24 0.00	37.36 1.47 0.00	34.18 1.53 0.00	27.30 1.39 -0.22	29.13 1.49 -0.55	29.70 1.60 -0.60	32.84 1.80 -1.08	35.42 1.88 -1.04	36.65 1.95 -1.08	39.11 2.09 -0.95	43.84 2.27 -0.26	57.68 2.72 -0.49	61.74 2.54 -0.11	59.17 2.28 0.00	51.90 1.71 0.00	41.16 1.66 0.00	35.36 1.16 0.00	31.36 0.91 0.00
EAST_HAMPTON___DIESEL 23722	31.76 1.25 0.00	29.43 1.37 0.00	26.67 0.85 0.00	23.36 0.59 0.00	23.95 0.63 0.00	27.83 0.84 0.00	35.94 1.48 0.00	37.54 1.65 0.00	34.50 1.86 0.00	27.88 1.98 -0.22	31.10 2.38 -1.63	31.61 2.48 -1.62	34.80 2.54 -2.30	37.98 2.57 -2.91	39.94 2.96 -3.37	43.40 3.50 -3.85	48.33 3.76 -3.27	61.51 4.74 -2.31	65.71 4.26 -2.37	62.24 3.81 -1.53	54.16 2.76 -1.20	43.53 2.41 -1.61	38.12 1.71 -2.21	32.00 1.52 -0.02
EAST_POINT___SOLAR 323840	32.03 1.52 0.00	29.41 1.35 0.00	27.11 1.29 0.00	23.91 1.14 0.00	24.49 1.17 0.00	28.53 1.54 0.00	36.59 2.14 0.00	37.22 1.33 0.00	32.71 0.07 0.00	25.06 -0.51 0.12	26.01 -0.79 0.30	26.28 -0.91 0.32	28.38 -0.99 0.59	30.96 -0.97 0.56	32.19 -0.84 0.58	34.86 -0.69 0.51	40.79 -0.37 0.14	54.53 0.33 0.26	61.69 2.66 0.06	61.27 4.38 0.00	53.91 3.71 0.00	42.27 2.76 0.00	36.35 2.16 0.00	32.19 1.73 0.00
EAST_PULASKI___ESR 323781	30.18 -0.33 0.00	27.78 -0.28 0.00	25.56 -0.26 0.00	22.54 -0.23 0.00	23.11 -0.21 0.00	26.78 -0.22 0.00	34.25 -0.21 0.00	35.78 -0.11 0.00	32.42 -0.23 0.00	25.43 -0.26 0.00	26.79 -0.30 0.00	27.18 -0.33 0.00	29.57 -0.39 0.00	32.14 -0.36 0.00	33.31 -0.30 0.00	35.77 -0.29 0.00	40.97 -0.33 0.00	54.09 -0.38 0.00	59.03 -0.06 0.00	56.95 0.06 0.00	50.30 0.10 0.00	39.42 -0.08 0.00	34.20 0.00 0.00	30.36 -0.09 0.00
EAST_RIVER___1 323558	31.42 0.91 0.00	28.88 0.81 0.00	26.54 0.72 0.00	23.29 0.52 0.00	23.98 0.65 0.00	27.78 0.78 0.00	35.94 1.48 0.00	37.65 1.76 0.00	34.54 1.89 0.00	27.63 1.72 -0.22	29.46 1.82 -0.55	30.04 1.92 -0.61	33.27 2.22 -1.10	35.86 2.31 -1.05	37.10 2.39 -1.09	39.58 2.56 -0.96	44.18 2.60 -0.27	58.28 3.32 -0.49	62.33 3.13 -0.11	59.68 2.79 0.00	52.30 2.11 0.00	41.44 1.94 0.00	35.67 1.47 0.00	31.58 1.13 0.00
EAST_RIVER___2 323559	31.42 0.91 0.00	28.88 0.81 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.98 0.65 0.00	27.75 0.75 0.00	35.94 1.48 0.00	37.69 1.79 0.00	34.63 1.99 0.00	27.68 1.77 -0.22	29.51 1.87 -0.55	30.12 2.01 -0.61	33.36 2.31 -1.10	35.95 2.40 -1.05	37.20 2.49 -1.09	39.65 2.63 -0.96	44.30 2.73 -0.27	58.39 3.43 -0.49	62.39 3.19 -0.11	59.68 2.79 0.00	52.30 2.11 0.00	41.44 1.94 0.00	35.67 1.47 0.00	31.58 1.13 0.00
EAST___DELAWARE_HYD 23607	31.30 0.79 0.00	28.82 0.76 0.00	26.39 0.57 0.00	23.25 0.48 0.00	23.86 0.54 0.00	27.70 0.70 0.00	35.63 1.17 0.00	37.18 1.29 0.00	33.82 1.17 0.00	26.77 0.95 -0.13	28.41 1.00 -0.32	28.90 1.04 -0.35	31.82 1.23 -0.63	34.44 1.33 -0.61	35.66 1.41 -0.63	38.17 1.55 -0.56	43.23 1.77 -0.15	57.26 2.51 -0.28	61.75 2.60 -0.06	59.28 2.39 0.00	52.15 1.96 0.00	41.20 1.70 0.00	35.40 1.20 0.00	31.43 0.97 0.00
EIGHT_POINT___WT_PWR 323820	30.85 0.34 0.00	28.34 0.28 0.00	26.00 0.18 0.00	22.97 0.20 0.00	23.53 0.21 0.00	27.13 0.14 0.00	34.63 0.17 0.00	35.60 -0.29 0.00	32.32 -0.33 0.00	25.48 -0.21 0.00	26.87 -0.22 0.00	27.34 -0.16 0.00	29.69 -0.27 0.00	32.24 -0.26 0.00	33.42 -0.20 0.00	35.85 -0.22 0.00	41.47 0.17 0.00	54.25 -0.22 0.00	59.85 0.77 0.00	57.75 0.85 0.00	51.45 1.26 0.00	40.17 0.67 0.00	35.26 1.06 0.00	31.27 0.82 0.00
ELBRIDGE_115KV_TB2 80188	30.02 -0.49 0.00	27.61 -0.45 0.00	25.38 -0.44 0.00	22.40 -0.36 0.00	22.95 -0.37 0.00	26.56 -0.43 0.00	33.98 -0.48 0.00	35.42 -0.47 0.00	32.19 -0.46 0.00	25.33 -0.36 0.00	26.71 -0.38 0.00	27.12 -0.39 0.00	29.51 -0.45 0.00	32.04 -0.45 0.00	33.15 -0.47 0.00	35.63 -0.43 0.00	40.81 -0.50 0.00	53.81 -0.65 0.00	58.67 -0.41 0.00	56.50 -0.40 0.00	49.95 -0.25 0.00	39.15 -0.36 0.00	34.03 -0.17 0.00	30.21 -0.24 0.00
ELEC_TRO_TEK 24086	31.69 1.16 -0.02	29.04 0.95 -0.02	26.46 0.62 -0.02	23.18 0.41 0.00	23.81 0.49 0.00	27.66 0.65 -0.01	35.73 1.27 0.00	37.36 1.47 0.00	34.28 1.63 0.00	27.65 1.72 -0.24	38.32 1.87 -9.36	38.42 1.95 -8.97	43.07 2.16 -10.95	50.98 2.21 -16.27	55.73 2.42 -19.69	62.90 2.45 -24.39	68.77 2.60 -24.86	73.94 3.16 -16.31	80.96 3.01 -18.86	72.26 2.84 -12.52	62.26 2.21 -9.85	54.96 2.25 -13.20	53.70 1.85 -17.65	32.19 1.49 -0.25
ELLENBURG_WT_PWR 323604	31.27 0.76 0.00	28.74 0.67 0.00	26.47 0.65 0.00	23.34 0.57 0.00	23.84 0.51 0.00	27.64 0.65 0.00	35.18 0.72 0.00	37.43 1.54 0.00	33.85 1.21 0.00	26.53 0.85 0.00	27.98 0.89 0.00	28.36 0.85 0.00	30.91 0.96 0.00	33.54 1.04 0.00	34.62 1.01 0.00	37.21 1.15 0.00	42.83 1.53 0.00	57.03 2.56 0.00	61.92 2.84 0.00	59.39 2.50 0.00	52.56 2.36 0.00	40.85 1.34 0.00	35.36 1.16 0.00	31.61 1.16 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.27 -0.24 0.00	27.76 -0.31 0.00	25.41 -0.41 0.00	22.45 -0.32 0.00	23.02 -0.30 0.00	26.40 -0.59 0.00	33.22 -1.24 0.00	33.88 -2.01 0.00	31.30 -1.34 0.00	24.94 -0.74 0.00	26.33 -0.76 0.00	26.82 -0.69 0.00	29.12 -0.84 0.00	31.49 -1.01 0.00	32.61 -1.01 0.00	34.73 -1.33 0.00	39.74 -1.57 0.00	52.34 -2.12 0.00	57.49 -1.60 0.00	55.19 -1.71 0.00	49.44 -0.75 0.00	38.55 -0.95 0.00	34.30 0.10 0.00	30.51 0.06 0.00
EMPIRE_CC_1 323656	30.73 0.22 0.00	28.34 0.28 0.00	26.11 0.28 0.00	23.04 0.27 0.00	23.60 0.28 0.00	27.27 0.27 0.00	34.98 0.52 0.00	36.39 0.50 0.00	33.20 0.55 0.00	25.81 0.44 0.31	26.80 0.49 0.78	27.18 0.52 0.85	28.99 0.57 1.54	31.51 0.49 1.48	32.59 0.50 1.53	35.36 0.65 1.35	41.47 0.54 0.37	54.38 0.60 0.69	59.40 0.47 0.16	57.35 0.45 0.00	50.45 0.25 0.00	39.98 0.48 0.00	34.47 0.27 0.00	30.76 0.30 0.00
EMPIRE_CC_2 323658	30.73 0.22 0.00	28.34 0.28 0.00	26.11 0.28 0.00	23.04 0.27 0.00	23.60 0.28 0.00	27.27 0.27 0.00	34.98 0.52 0.00	36.39 0.50 0.00	33.20 0.55 0.00	25.81 0.44 0.31	26.80 0.49 0.78	27.18 0.52 0.85	28.99 0.57 1.54	31.51 0.49 1.48	32.59 0.50 1.53	35.36 0.65 1.35	41.47 0.54 0.37	54.38 0.60 0.69	59.40 0.47 0.16	57.35 0.45 0.00	50.45 0.25 0.00	39.98 0.48 0.00	34.47 0.27 0.00	30.76 0.30 0.00
ENORWICH_115KV_TB1 80156	32.04 1.53 0.00	29.55 1.49 0.00	27.27 1.45 0.00	24.04 1.28 0.00	24.72 1.40 0.00	28.64 1.65 0.00	36.56 2.10 0.00	38.26 2.37 0.00	34.41 1.76 0.00	26.77 1.08 0.00	28.17 1.08 0.00	28.52 1.02 0.00	30.97 1.02 0.00	33.86 1.36 0.00	35.26 1.65 0.00	37.97 1.91 0.00	43.83 2.52 0.00	58.28 3.81 0.00	63.99 4.90 0.00	62.07 5.18 0.00	54.92 4.72 0.00	42.70 3.20 0.00	36.76 2.56 0.00	32.49 2.04 0.00
ERIE_ST__34_KV_TB1-2 80199	30.33 -0.18 0.00	27.81 -0.25 0.00	25.46 -0.36 0.00	22.45 -0.32 0.00	23.07 -0.26 0.00	26.43 -0.57 0.00	33.49 -0.96 0.00	34.13 -1.76 0.00	31.44 -1.21 0.00	25.05 -0.64 0.00	26.47 -0.62 0.00	26.96 -0.55 0.00	29.24 -0.72 0.00	31.65 -0.84 0.00	32.78 -0.84 0.00	34.94 -1.12 0.00	40.11 -1.20 0.00	52.78 -1.69 0.00	58.02 -1.06 0.00	55.70 -1.19 0.00	49.85 -0.35 0.00	38.79 -0.71 0.00	34.44 0.24 0.00	30.60 0.15 0.00
ERIE_WT_PWR 323693	30.42 -0.09 0.00	27.87 -0.20 0.00	25.54 -0.28 0.00	22.52 -0.25 0.00	23.11 -0.21 0.00	26.48 -0.51 0.00	33.42 -1.03 0.00	34.17 -1.72 0.00	31.44 -1.21 0.00	25.07 -0.62 0.00	26.47 -0.62 0.00	26.93 -0.58 0.00	29.24 -0.72 0.00	31.65 -0.85 0.00	32.78 -0.84 0.00	34.90 -1.16 0.00	40.40 -0.91 0.00	52.45 -2.01 0.00	57.79 -1.30 0.00	55.47 -1.42 0.00	49.69 -0.50 0.00	39.03 -0.47 0.00	34.47 0.27 0.00	30.69 0.24 0.00
ESPRGFLD_115KV_TB1 80157	31.30 0.79 0.00	28.79 0.73 0.00	26.52 0.70 0.00	23.38 0.61 0.00	23.98 0.65 0.00	27.86 0.86 0.00	35.70 1.24 0.00	37.04 1.15 0.00	33.33 0.69 0.00	25.92 0.31 0.07	27.13 0.22 0.18	27.47 0.17 0.20	29.75 0.15 0.36	32.41 0.26 0.34	33.66 0.40 0.36	36.29 0.54 0.32	42.09 0.87 0.09	55.72 1.42 0.16	61.29 2.25 0.04	59.57 2.67 0.00	52.51 2.31 0.00	41.16 1.66 0.00	35.50 1.30 0.00	31.46 1.00 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.75 0.24 0.00	28.29 0.22 0.00	26.00 0.18 0.00	22.95 0.18 0.00	23.51 0.19 0.00	27.21 0.22 0.00	34.87 0.41 0.00	36.29 0.39 0.00	32.90 0.26 0.00	25.84 0.15 0.00	27.23 0.14 0.00	27.62 0.11 0.00	30.05 0.09 0.00	32.66 0.16 0.00	33.82 0.20 0.00	36.38 0.32 0.00	41.80 0.50 0.00	55.23 0.76 0.00	60.33 1.24 0.00	58.15 1.25 0.00	51.40 1.20 0.00	40.21 0.71 0.00	34.95 0.75 0.00	30.97 0.52 0.00
ETNA____115KV_TB2 80207	30.75 0.24 0.00	28.29 0.22 0.00	26.00 0.18 0.00	22.95 0.18 0.00	23.51 0.19 0.00	27.21 0.22 0.00	34.87 0.41 0.00	36.29 0.39 0.00	32.90 0.26 0.00	25.84 0.15 0.00	27.23 0.14 0.00	27.62 0.11 0.00	30.05 0.09 0.00	32.66 0.16 0.00	33.82 0.20 0.00	36.38 0.32 0.00	41.80 0.50 0.00	55.23 0.76 0.00	60.33 1.24 0.00	58.15 1.25 0.00	51.40 1.20 0.00	40.21 0.71 0.00	34.95 0.75 0.00	30.97 0.52 0.00
EUCLID___115KV_TB2 356179	29.87 -0.64 0.00	27.47 -0.59 0.00	25.25 -0.57 0.00	22.29 -0.48 0.00	22.83 -0.49 0.00	26.43 -0.57 0.00	33.80 -0.65 0.00	35.17 -0.72 0.00	32.02 -0.62 0.00	25.20 -0.49 0.00	26.57 -0.51 0.00	26.98 -0.52 0.00	29.36 -0.60 0.00	31.88 -0.62 0.00	32.98 -0.64 0.00	35.41 -0.65 0.00	40.56 -0.74 0.00	53.49 -0.98 0.00	58.20 -0.89 0.00	56.04 -0.85 0.00	49.49 -0.70 0.00	38.87 -0.63 0.00	33.75 -0.44 0.00	29.96 -0.49 0.00
E_CANADA_CAP_HY 24051	31.67 1.16 0.00	29.07 1.01 0.00	26.80 0.98 0.00	23.63 0.86 0.00	24.21 0.89 0.00	28.18 1.19 0.00	36.18 1.72 0.00	37.29 1.40 0.00	33.33 0.69 0.00	25.71 0.13 0.11	26.74 -0.08 0.27	27.02 -0.19 0.29	29.19 -0.24 0.53	31.83 -0.16 0.51	33.09 0.00 0.53	35.81 0.22 0.47	41.80 0.62 0.13	55.48 1.25 0.24	61.63 2.60 0.05	60.31 3.41 0.00	53.06 2.86 0.00	41.67 2.17 0.00	35.87 1.68 0.00	31.79 1.34 0.00
E_CANADA_MHWK_HY 24050	31.03 0.52 0.00	28.57 0.51 0.00	26.29 0.47 0.00	23.18 0.41 0.00	23.77 0.44 0.00	27.54 0.54 0.00	35.18 0.72 0.00	36.65 0.75 0.00	33.30 0.65 0.00	26.17 0.49 0.00	27.63 0.54 0.00	28.06 0.55 0.00	30.52 0.57 0.00	33.15 0.65 0.00	34.32 0.71 0.00	36.85 0.79 0.00	42.26 0.95 0.00	55.66 1.20 0.00	60.45 1.36 0.00	58.26 1.36 0.00	51.35 1.16 0.00	40.45 0.95 0.00	34.92 0.72 0.00	31.09 0.64 0.00
E_FISHKILL___LBMP 23776	31.12 0.61 0.00	28.63 0.56 0.00	26.34 0.52 0.00	23.16 0.39 0.00	23.81 0.49 0.00	27.54 0.54 0.00	35.53 1.07 0.00	37.11 1.22 0.00	33.95 1.31 0.00	27.09 1.16 -0.25	28.95 1.25 -0.61	29.52 1.35 -0.67	32.70 1.53 -1.21	35.25 1.59 -1.16	36.44 1.61 -1.21	38.86 1.73 -1.07	43.46 1.86 -0.29	57.24 2.23 -0.55	61.28 2.07 -0.12	58.71 1.82 0.00	51.55 1.36 0.00	40.88 1.38 0.00	35.16 0.96 0.00	31.21 0.76 0.00
FALCON___SEABRD_CC1 323796	31.64 1.13 0.00	29.07 1.01 0.00	26.78 0.96 0.00	23.61 0.84 0.00	24.12 0.79 0.00	27.94 0.94 0.00	35.97 1.51 0.00	38.33 2.44 0.00	34.63 1.99 0.00	27.15 1.46 0.00	28.61 1.52 0.00	28.96 1.46 0.00	31.60 1.65 0.00	34.28 1.79 0.00	35.40 1.78 0.00	38.08 2.02 0.00	43.91 2.60 0.00	58.66 4.19 0.00	63.70 4.61 0.00	61.04 4.15 0.00	53.96 3.77 0.00	41.75 2.25 0.00	36.15 1.95 0.00	32.31 1.86 0.00
FALCON___SEABRD_CC2 323797	31.64 1.13 0.00	29.07 1.01 0.00	26.78 0.96 0.00	23.61 0.84 0.00	24.12 0.79 0.00	27.94 0.94 0.00	35.97 1.51 0.00	38.33 2.44 0.00	34.63 1.99 0.00	27.15 1.46 0.00	28.61 1.52 0.00	28.96 1.46 0.00	31.60 1.65 0.00	34.28 1.79 0.00	35.40 1.78 0.00	38.08 2.02 0.00	43.91 2.60 0.00	58.66 4.19 0.00	63.70 4.61 0.00	61.04 4.15 0.00	53.96 3.77 0.00	41.75 2.25 0.00	36.15 1.95 0.00	32.31 1.86 0.00

FAR ROCKAWAY___4 23548	32.15 1.59 -0.06	29.47 1.35 -0.06	26.83 0.96 -0.06	23.47 0.71 0.00	24.12 0.79 0.00	28.03 1.00 -0.04	36.18 1.72 0.00	37.79 1.90 0.00	34.70 2.06 0.00	28.05 2.08 -0.28	47.62 2.28 -18.25	47.28 2.37 -17.41	53.50 2.64 -20.91	66.89 2.76 -31.63	75.07 2.99 -38.46	87.12 3.07 -47.99	94.33 3.35 -49.68	91.24 4.19 -32.58	101.17 4.20 -37.89	85.98 3.93 -25.16	73.21 3.21 -19.80	69.04 3.00 -26.54	70.96 2.46 -34.30	32.92 1.98 -0.49
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.46 0.95 0.00	28.88 0.81 0.00	26.55 0.72 0.00	23.29 0.52 0.00	23.98 0.65 0.00	27.78 0.78 0.00	35.94 1.48 0.00	37.65 1.76 0.00	34.54 1.89 0.00	27.61 1.70 -0.22	29.46 1.82 -0.55	30.04 1.93 -0.61	33.27 2.22 -1.10	35.86 2.31 -1.05	37.10 2.39 -1.09	39.55 2.52 -0.96	44.22 2.64 -0.27	58.23 3.27 -0.49	62.21 3.01 -0.11	59.62 2.73 0.00	52.25 2.06 0.00	41.48 1.98 0.00	35.64 1.44 0.00	31.58 1.13 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.46 0.95 0.00	28.88 0.81 0.00	26.55 0.72 0.00	23.31 0.55 0.00	24.00 0.68 0.00	27.78 0.78 0.00	35.97 1.52 0.00	37.65 1.76 0.00	34.54 1.89 0.00	27.61 1.70 -0.22	29.46 1.82 -0.55	30.04 1.93 -0.61	33.27 2.22 -1.10	35.86 2.31 -1.05	37.10 2.39 -1.09	39.55 2.52 -0.96	44.26 2.68 -0.27	58.23 3.27 -0.49	62.21 3.01 -0.11	59.62 2.73 0.00	52.31 2.11 0.00	41.52 2.01 0.00	35.67 1.47 0.00	31.58 1.13 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.43 0.92 0.00	28.88 0.81 0.00	26.55 0.72 0.00	23.29 0.52 0.00	23.98 0.65 0.00	27.75 0.76 0.00	35.94 1.48 0.00	37.65 1.76 0.00	34.54 1.89 0.00	27.61 1.70 -0.22	29.43 1.79 -0.55	30.01 1.90 -0.61	33.24 2.19 -1.10	35.82 2.27 -1.05	37.06 2.35 -1.09	39.55 2.52 -0.96	44.22 2.64 -0.27	58.17 3.21 -0.49	62.21 3.01 -0.11	59.57 2.67 0.00	52.25 2.06 0.00	41.48 1.98 0.00	35.64 1.44 0.00	31.55 1.10 0.00
FARRAGUT___LBMP 323566	31.43 0.92 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.75 0.76 0.00	35.91 1.45 0.00	37.61 1.72 0.00	34.50 1.86 0.00	27.58 1.67 -0.22	29.40 1.76 -0.55	29.98 1.87 -0.61	33.21 2.16 -1.10	35.79 2.24 -1.05	37.03 2.32 -1.09	39.51 2.49 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.20 2.01 0.00	41.44 1.94 0.00	35.60 1.40 0.00	31.55 1.10 0.00
FENNER___WINDPWR 24204	30.85 0.34 0.00	28.40 0.34 0.00	26.16 0.33 0.00	23.06 0.30 0.00	23.65 0.33 0.00	27.40 0.41 0.00	35.04 0.59 0.00	36.54 0.65 0.00	33.13 0.49 0.00	25.97 0.28 0.00	27.39 0.30 0.00	27.75 0.25 0.00	30.19 0.24 0.00	32.86 0.36 0.00	34.05 0.44 0.00	36.56 0.50 0.00	42.01 0.70 0.00	55.45 0.98 0.00	60.38 1.30 0.00	58.26 1.36 0.00	51.50 1.30 0.00	40.37 0.87 0.00	34.88 0.68 0.00	30.97 0.52 0.00
FIBERTEK___ENERGY 23856	30.14 -0.37 0.00	27.73 -0.34 0.00	25.49 -0.34 0.00	22.50 -0.27 0.00	23.04 -0.28 0.00	26.67 -0.32 0.00	34.15 -0.31 0.00	35.57 -0.32 0.00	32.35 -0.29 0.00	25.43 -0.26 0.00	26.82 -0.27 0.00	27.23 -0.28 0.00	29.63 -0.33 0.00	32.21 -0.29 0.00	33.31 -0.30 0.00	35.77 -0.29 0.00	41.02 -0.29 0.00	54.08 -0.38 0.00	58.91 -0.18 0.00	56.78 -0.11 0.00	50.15 -0.05 0.00	39.30 -0.20 0.00	34.13 -0.07 0.00	30.33 -0.12 0.00
FITZPATRICK___ 23598	29.50 -1.01 0.00	27.14 -0.93 0.00	24.94 -0.88 0.00	21.99 -0.77 0.00	22.55 -0.77 0.00	26.08 -0.92 0.00	33.35 -1.10 0.00	34.71 -1.18 0.00	31.57 -1.08 0.00	24.84 -0.85 0.00	26.20 -0.89 0.00	26.60 -0.91 0.00	28.97 -0.99 0.00	31.43 -1.07 0.00	32.54 -1.08 0.00	34.90 -1.16 0.00	40.02 -1.28 0.00	52.72 -1.75 0.00	57.32 -1.77 0.00	55.24 -1.65 0.00	48.79 -1.41 0.00	38.32 -1.18 0.00	33.24 -0.96 0.00	29.54 -0.91 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.36 0.85 0.00	28.88 0.81 0.00	26.47 0.65 0.00	23.29 0.52 0.00	23.93 0.61 0.00	27.73 0.73 0.00	35.73 1.27 0.00	37.33 1.44 0.00	34.01 1.37 0.00	27.02 1.16 -0.18	28.76 1.22 -0.45	29.32 1.32 -0.49	32.37 1.53 -0.89	34.95 1.59 -0.85	36.19 1.68 -0.89	38.68 1.84 -0.78	43.55 2.02 -0.22	57.54 2.67 -0.40	61.84 2.66 -0.09	59.28 2.39 0.00	52.10 1.91 0.00	41.28 1.78 0.00	35.43 1.23 0.00	31.46 1.00 0.00
FORT ORANGE___ 23900	31.18 0.67 0.00	28.71 0.65 0.00	26.42 0.59 0.00	23.31 0.55 0.00	23.88 0.56 0.00	27.67 0.68 0.00	35.46 1.00 0.00	36.89 1.00 0.00	33.62 0.98 0.00	26.27 0.75 0.17	27.46 0.79 0.41	27.85 0.80 0.45	30.01 0.87 0.82	32.62 0.91 0.79	33.78 0.98 0.82	36.42 1.08 0.72	42.26 1.15 0.20	55.62 1.52 0.37	60.60 1.60 0.08	58.48 1.59 0.00	51.45 1.26 0.00	40.65 1.15 0.00	35.09 0.89 0.00	31.24 0.79 0.00
FORT_DRUM_COGEN 23780	31.43 0.92 0.00	28.99 0.93 0.00	26.75 0.93 0.00	23.59 0.82 0.00	24.23 0.91 0.00	28.10 1.11 0.00	35.84 1.38 0.00	37.65 1.76 0.00	33.82 1.18 0.00	26.28 0.59 0.00	27.69 0.60 0.00	27.97 0.47 0.00	30.44 0.48 0.00	33.21 0.71 0.00	34.49 0.87 0.00	37.11 1.05 0.00	42.71 1.40 0.00	56.86 2.40 0.00	62.34 3.25 0.00	60.36 3.47 0.00	53.41 3.21 0.00	41.56 2.05 0.00	35.74 1.54 0.00	31.67 1.22 0.00
FOX_HILLS___ESR 323835	31.39 0.88 0.00	28.74 0.67 0.00	26.39 0.57 0.00	23.25 0.48 0.00	23.98 0.65 0.00	27.46 0.46 0.00	36.11 1.65 0.00	37.47 1.58 0.00	34.34 1.70 0.00	27.73 1.82 -0.22	29.59 1.95 -0.55	30.04 1.93 -0.61	33.36 2.31 -1.10	35.96 2.40 -1.05	37.13 2.42 -1.09	39.30 2.27 -0.96	44.01 2.44 -0.27	57.90 2.94 -0.49	61.86 2.66 -0.11	58.94 2.05 0.00	51.55 1.36 0.00	41.00 1.50 0.00	35.84 1.64 0.00	31.33 0.88 0.00
FPL_FAR_ROCK_GT1 24212	31.82 1.25 -0.06	29.47 1.35 -0.06	26.81 0.93 -0.06	23.47 0.71 0.00	24.12 0.79 0.00	28.03 1.00 -0.04	36.15 1.69 0.00	37.72 1.83 0.00	34.70 2.06 0.00	28.05 2.08 -0.28	47.62 2.28 -18.25	47.28 2.37 -17.41	53.50 2.64 -20.91	66.86 2.73 -31.63	75.07 2.99 -38.46	87.11 3.06 -47.99	94.29 3.31 -49.68	91.24 4.19 -32.58	101.17 4.20 -37.89	86.04 3.98 -25.16	73.36 3.36 -19.80	69.00 2.96 -26.54	70.96 2.46 -34.30	32.92 1.98 -0.49
FPL_FAR_ROCK_GT2 23815	31.82 1.25 -0.06	29.47 1.35 -0.06	26.81 0.93 -0.06	23.47 0.71 0.00	24.12 0.79 0.00	28.03 1.00 -0.04	36.15 1.69 0.00	37.72 1.83 0.00	34.70 2.06 0.00	28.05 2.08 -0.28	47.62 2.28 -18.25	47.28 2.37 -17.41	53.50 2.64 -20.91	66.86 2.73 -31.63	75.07 2.99 -38.46	87.11 3.06 -47.99	94.29 3.31 -49.68	91.24 4.19 -32.58	101.17 4.20 -37.89	86.04 3.98 -25.16	73.36 3.36 -19.80	69.00 2.96 -26.54	70.96 2.46 -34.30	32.92 1.98 -0.49
FRANKLIN_FALL_HYD 24054	31.76 1.25 0.00	29.21 1.15 0.00	26.91 1.08 0.00	23.72 0.96 0.00	24.23 0.91 0.00	28.10 1.11 0.00	35.77 1.31 0.00	37.94 2.05 0.00	34.21 1.57 0.00	26.79 1.10 0.00	28.25 1.16 0.00	28.58 1.07 0.00	31.18 1.23 0.00	33.86 1.36 0.00	34.96 1.34 0.00	37.57 1.51 0.00	43.25 1.94 0.00	57.79 3.32 0.00	62.81 3.72 0.00	60.19 3.30 0.00	53.31 3.11 0.00	41.28 1.78 0.00	35.77 1.57 0.00	31.97 1.52 0.00

FREEPORT_EQUS_GT1 23764	31.50 0.98 -0.02	29.17 1.09 -0.02	26.54 0.70 -0.02	23.27 0.50 0.00	23.91 0.58 0.00	27.79 0.78 -0.01	35.84 1.38 0.00	37.43 1.54 0.00	34.40 1.76 0.00	27.75 1.82 -0.24	36.42 2.00 -7.32	36.63 2.09 -7.04	40.91 2.28 -8.68	47.60 2.34 -12.76	51.57 2.55 -15.40	57.71 2.67 -18.98	63.33 2.85 -19.18	70.49 3.59 -12.43	76.98 3.49 -14.40	69.82 3.30 -9.63	60.48 2.71 -7.58	52.11 2.45 -10.16	50.44 2.02 -14.22	32.29 1.64 -0.20
FREEPORT___CT2 23818	31.50 0.98 -0.02	29.17 1.09 -0.02	26.54 0.70 -0.02	23.27 0.50 0.00	23.91 0.58 0.00	27.79 0.78 -0.01	35.84 1.38 0.00	37.43 1.54 0.00	34.40 1.76 0.00	27.75 1.82 -0.24	36.42 2.00 -7.32	36.63 2.09 -7.04	40.91 2.28 -8.68	47.60 2.34 -12.76	51.57 2.55 -15.40	57.71 2.67 -18.98	63.33 2.85 -19.18	70.49 3.59 -12.43	76.98 3.49 -14.40	69.82 3.30 -9.63	60.48 2.71 -7.58	52.11 2.45 -10.16	50.44 2.02 -14.22	32.29 1.64 -0.20
FRESHKLS_33_KV_LOAD 356253	31.39 0.88 0.00	28.71 0.65 0.00	26.37 0.54 0.00	23.27 0.50 0.00	23.98 0.65 0.00	27.43 0.43 0.00	36.25 1.79 0.00	37.47 1.58 0.00	34.31 1.66 0.00	27.79 1.88 -0.22	29.68 2.03 -0.55	30.06 1.95 -0.61	33.39 2.34 -1.10	36.02 2.47 -1.05	37.13 2.42 -1.09	39.18 2.16 -0.95	43.64 2.35 0.02	56.65 2.89 0.70	60.65 2.54 0.98	58.05 1.99 0.84	50.70 1.31 0.81	40.31 1.42 0.61	35.91 1.71 0.00	31.30 0.85 0.00
FULTON COGEN____ 23766	29.84 -0.67 0.00	27.45 -0.62 0.00	25.23 -0.59 0.00	22.27 -0.50 0.00	22.81 -0.51 0.00	26.40 -0.59 0.00	33.77 -0.69 0.00	35.25 -0.65 0.00	32.06 -0.59 0.00	25.20 -0.49 0.00	26.57 -0.51 0.00	26.98 -0.52 0.00	29.36 -0.60 0.00	31.88 -0.62 0.00	32.98 -0.64 0.00	35.41 -0.65 0.00	40.52 -0.78 0.00	53.49 -0.98 0.00	58.20 -0.89 0.00	56.10 -0.80 0.00	49.54 -0.65 0.00	38.87 -0.63 0.00	33.79 -0.41 0.00	29.99 -0.46 0.00
FULTON___LFGE 323630	31.82 1.31 0.00	29.21 1.15 0.00	26.93 1.11 0.00	23.75 0.98 0.00	24.30 0.98 0.00	28.29 1.30 0.00	36.32 1.86 0.00	37.47 1.58 0.00	33.49 0.85 0.00	25.75 0.18 0.12	26.68 -0.11 0.30	26.90 -0.28 0.33	29.03 -0.33 0.60	31.66 -0.26 0.58	32.98 -0.03 0.60	35.75 0.22 0.53	41.86 0.70 0.15	55.72 1.52 0.27	61.92 2.89 0.06	60.54 3.64 0.00	53.26 3.06 0.00	41.83 2.33 0.00	36.01 1.81 0.00	31.94 1.49 0.00
G.F.CEMENT___DRP 24184	32.04 1.53 0.00	29.41 1.35 0.00	27.11 1.29 0.00	23.91 1.14 0.00	24.44 1.12 0.00	28.40 1.40 0.00	36.46 2.00 0.00	37.94 2.05 0.00	34.44 1.80 0.00	26.71 1.21 0.19	27.57 0.95 0.46	27.93 0.94 0.51	29.99 0.96 0.92	32.66 1.04 0.88	33.91 1.21 0.92	36.01 0.76 0.81	41.99 0.91 0.22	55.69 1.63 0.41	61.18 2.19 0.09	59.51 2.62 0.00	52.36 2.16 0.00	41.12 1.62 0.00	35.46 1.27 0.00	32.10 1.64 0.00
GARDENVILLE___LBMP 24039	30.30 -0.21 0.00	27.81 -0.25 0.00	25.44 -0.39 0.00	22.47 -0.30 0.00	23.04 -0.28 0.00	26.43 -0.57 0.00	33.32 -1.14 0.00	33.99 -1.90 0.00	31.37 -1.27 0.00	24.97 -0.72 0.00	26.39 -0.70 0.00	26.87 -0.63 0.00	29.15 -0.81 0.00	31.56 -0.94 0.00	32.67 -0.94 0.00	34.80 -1.26 0.00	39.86 -1.45 0.00	52.51 -1.96 0.00	57.67 -1.42 0.00	55.41 -1.48 0.00	49.59 -0.60 0.00	38.67 -0.83 0.00	34.37 0.17 0.00	30.57 0.12 0.00
GARDNVLA_35_KV_LD 355827	30.42 -0.09 0.00	27.90 -0.17 0.00	25.54 -0.28 0.00	22.54 -0.23 0.00	23.14 -0.19 0.00	26.51 -0.49 0.00	33.46 -1.00 0.00	34.10 -1.79 0.00	31.47 -1.18 0.00	25.07 -0.62 0.00	26.49 -0.60 0.00	26.98 -0.52 0.00	29.30 -0.66 0.00	31.69 -0.81 0.00	32.81 -0.81 0.00	34.94 -1.12 0.00	40.03 -1.28 0.00	52.72 -1.74 0.00	57.90 -1.18 0.00	55.64 -1.25 0.00	49.80 -0.40 0.00	38.83 -0.67 0.00	34.51 0.31 0.00	30.66 0.21 0.00
GELCKHM___115KV_LOAD 80723	29.96 -0.55 0.00	27.56 -0.51 0.00	25.33 -0.49 0.00	22.36 -0.41 0.00	22.90 -0.42 0.00	26.51 -0.49 0.00	33.91 -0.55 0.00	35.35 -0.54 0.00	32.15 -0.49 0.00	25.28 -0.41 0.00	26.66 -0.43 0.00	27.07 -0.44 0.00	29.48 -0.48 0.00	32.01 -0.49 0.00	33.11 -0.50 0.00	35.56 -0.50 0.00	40.73 -0.58 0.00	53.70 -0.76 0.00	58.44 -0.65 0.00	56.32 -0.57 0.00	49.75 -0.45 0.00	39.03 -0.47 0.00	33.89 -0.31 0.00	30.09 -0.37 0.00
GENERAL___MILLS 23808	30.36 -0.15 0.00	27.87 -0.20 0.00	25.49 -0.34 0.00	22.52 -0.25 0.00	23.09 -0.23 0.00	26.48 -0.51 0.00	33.39 -1.07 0.00	34.06 -1.83 0.00	31.44 -1.21 0.00	25.05 -0.64 0.00	26.44 -0.65 0.00	26.93 -0.58 0.00	29.24 -0.72 0.00	31.62 -0.88 0.00	32.74 -0.87 0.00	34.87 -1.19 0.00	39.94 -1.36 0.00	52.61 -1.85 0.00	57.79 -1.30 0.00	55.53 -1.37 0.00	49.75 -0.45 0.00	38.75 -0.75 0.00	34.47 0.27 0.00	30.63 0.18 0.00
GE_PLASTICS___DRP 24183	31.00 0.49 0.00	28.51 0.45 0.00	26.26 0.44 0.00	23.16 0.39 0.00	23.72 0.40 0.00	27.46 0.46 0.00	35.22 0.76 0.00	36.68 0.79 0.00	33.39 0.75 0.00	26.19 0.62 0.11	27.46 0.65 0.28	27.89 0.69 0.31	30.18 0.78 0.56	32.74 0.78 0.53	33.87 0.81 0.56	36.47 0.90 0.49	42.16 0.99 0.14	55.41 1.20 0.25	60.21 1.18 0.06	57.97 1.08 0.00	51.05 0.85 0.00	40.37 0.87 0.00	34.85 0.65 0.00	31.03 0.58 0.00
GILBOA___1 23756	30.85 0.34 0.00	28.37 0.31 0.00	26.11 0.28 0.00	23.00 0.23 0.00	23.60 0.28 0.00	27.29 0.30 0.00	35.04 0.59 0.00	36.50 0.61 0.00	33.30 0.65 0.00	26.26 0.54 -0.04	27.75 0.57 -0.09	28.21 0.60 -0.10	30.82 0.69 -0.17	33.38 0.71 -0.17	34.50 0.71 -0.17	36.93 0.72 -0.15	42.09 0.74 -0.04	55.36 0.82 -0.08	59.69 0.59 -0.02	57.40 0.51 0.00	50.60 0.40 0.00	40.01 0.51 0.00	34.68 0.48 0.00	30.91 0.46 0.00
GILBOA___2 23757	30.85 0.34 0.00	28.37 0.31 0.00	26.11 0.28 0.00	23.00 0.23 0.00	23.60 0.28 0.00	27.29 0.30 0.00	35.04 0.59 0.00	36.50 0.61 0.00	33.30 0.65 0.00	26.26 0.54 -0.04	27.75 0.57 -0.09	28.21 0.60 -0.10	30.82 0.69 -0.17	33.38 0.71 -0.17	34.50 0.71 -0.17	36.93 0.72 -0.15	42.09 0.74 -0.04	55.36 0.82 -0.08	59.69 0.59 -0.02	57.40 0.51 0.00	50.60 0.40 0.00	40.01 0.51 0.00	34.68 0.48 0.00	30.91 0.46 0.00
GILBOA___3 23758	30.85 0.34 0.00	28.37 0.31 0.00	26.11 0.28 0.00	23.00 0.23 0.00	23.60 0.28 0.00	27.29 0.30 0.00	35.04 0.59 0.00	36.50 0.61 0.00	33.30 0.65 0.00	26.26 0.54 -0.04	27.75 0.57 -0.09	28.21 0.60 -0.10	30.82 0.69 -0.17	33.38 0.71 -0.17	34.50 0.71 -0.17	36.93 0.72 -0.15	42.09 0.74 -0.04	55.36 0.82 -0.08	59.69 0.59 -0.02	57.40 0.51 0.00	50.60 0.40 0.00	40.01 0.51 0.00	34.68 0.48 0.00	30.91 0.46 0.00
GILBOA___4 23759	30.85 0.34 0.00	28.37 0.31 0.00	26.11 0.28 0.00	23.00 0.23 0.00	23.60 0.28 0.00	27.29 0.30 0.00	35.04 0.59 0.00	36.50 0.61 0.00	33.30 0.65 0.00	26.26 0.54 -0.04	27.75 0.57 -0.09	28.21 0.60 -0.10	30.82 0.69 -0.17	33.38 0.71 -0.17	34.50 0.71 -0.17	36.93 0.72 -0.15	42.09 0.74 -0.04	55.36 0.82 -0.08	59.69 0.59 -0.02	57.40 0.51 0.00	50.60 0.40 0.00	40.01 0.51 0.00	34.68 0.48 0.00	30.91 0.46 0.00

GILBOA____ 23599	30.85 0.34 0.00	28.37 0.31 0.00	26.11 0.28 0.00	23.00 0.23 0.00	23.60 0.28 0.00	27.29 0.30 0.00	35.04 0.59 0.00	36.50 0.61 0.00	33.30 0.65 0.00	26.26 0.54 -0.04	27.75 0.57 -0.09	28.21 0.61 -0.10	30.82 0.69 -0.17	33.38 0.71 -0.17	34.49 0.71 -0.17	36.93 0.72 -0.15	42.13 0.78 -0.04	55.36 0.82 -0.08	59.64 0.53 -0.02	57.41 0.51 0.00	50.60 0.40 0.00	40.06 0.55 0.00	34.68 0.48 0.00	30.91 0.46 0.00
GINNA____ 23603	29.02 -1.49 0.00	26.60 -1.46 0.00	24.38 -1.45 0.00	21.58 -1.18 0.00	22.06 -1.26 0.00	25.54 -1.46 0.00	32.50 -1.96 0.00	33.77 -2.12 0.00	30.82 -1.83 0.00	24.25 -1.44 0.00	25.57 -1.52 0.00	25.97 -1.54 0.00	28.25 -1.71 0.00	30.71 -1.79 0.00	31.80 -1.82 0.00	34.15 -1.91 0.00	39.41 -1.90 0.00	51.74 -2.72 0.00	56.66 -2.43 0.00	54.56 -2.34 0.00	48.39 -1.81 0.00	37.84 -1.66 0.00	32.86 -1.33 0.00	29.11 -1.34 0.00
GLEN PARK____ 23778	31.52 1.01 0.00	29.10 1.04 0.00	26.86 1.03 0.00	23.68 0.91 0.00	24.33 1.00 0.00	28.24 1.24 0.00	36.08 1.62 0.00	37.83 1.94 0.00	33.92 1.27 0.00	26.35 0.67 0.00	27.74 0.65 0.00	28.03 0.52 0.00	30.50 0.54 0.00	33.28 0.78 0.00	34.59 0.98 0.00	37.25 1.19 0.00	42.96 1.65 0.00	57.19 2.72 0.00	62.75 3.66 0.00	60.82 3.92 0.00	53.76 3.56 0.00	41.87 2.37 0.00	35.91 1.71 0.00	31.82 1.37 0.00
GLENDALE_27_KV_LOAD 356172	31.58 1.07 0.00	28.93 0.87 0.00	26.60 0.77 0.00	23.36 0.59 0.00	24.09 0.77 0.00	27.73 0.73 0.00	36.08 1.62 0.00	37.69 1.79 0.00	34.60 1.96 0.00	27.81 1.90 -0.22	29.65 2.00 -0.55	30.20 2.09 -0.61	33.48 2.43 -1.10	36.09 2.53 -1.05	37.33 2.62 -1.09	39.69 2.67 -0.96	44.46 2.89 -0.27	58.55 3.59 -0.49	62.51 3.31 -0.11	59.62 2.73 0.00	52.20 2.01 0.00	41.44 1.94 0.00	35.84 1.64 0.00	31.61 1.16 0.00
GLENWOOD_IC_1_G5 23712	31.68 1.16 -0.01	29.06 0.98 -0.01	26.58 0.75 -0.01	23.29 0.52 0.00	23.95 0.63 0.00	27.79 0.78 -0.01	35.91 1.45 0.00	37.54 1.65 0.00	34.44 1.80 0.00	27.67 1.75 -0.23	35.30 1.92 -6.29	35.56 2.01 -6.05	39.72 2.25 -7.52	45.81 2.34 -10.97	49.08 2.25 -13.21	54.68 2.38 -16.24	60.17 2.56 -16.30	68.26 3.05 -10.74	74.27 2.90 -12.29	67.72 2.67 -8.16	58.67 2.06 -6.42	50.12 2.01 -8.60	47.83 1.68 -11.95	32.04 1.43 -0.16
GLENWOOD_IC_2_G1 23688	31.33 0.82 0.00	28.90 0.84 0.00	26.44 0.62 0.00	23.25 0.48 0.00	23.88 0.56 0.00	27.70 0.70 0.00	35.77 1.31 0.00	37.40 1.51 0.00	34.31 1.66 0.00	27.50 1.59 -0.22	29.51 1.71 -0.71	30.08 1.81 -0.76	33.27 2.04 -1.27	35.93 2.11 -1.33	37.26 2.22 -1.43	39.76 2.31 -1.38	44.41 2.39 -0.71	58.29 3.05 -0.78	62.43 2.89 -0.45	59.79 2.67 -0.22	52.43 2.06 -0.18	41.67 1.94 -0.24	36.02 1.50 -0.32	31.67 1.22 0.00
GLENWOOD_IC_3_G1 23689	31.33 0.82 0.00	28.90 0.84 0.00	26.44 0.62 0.00	23.25 0.48 0.00	23.88 0.56 0.00	27.70 0.70 0.00	35.77 1.31 0.00	37.40 1.51 0.00	34.31 1.66 0.00	27.50 1.59 -0.22	29.51 1.71 -0.71	30.08 1.81 -0.76	33.27 2.04 -1.27	35.93 2.11 -1.33	37.26 2.22 -1.43	39.76 2.31 -1.38	44.41 2.39 -0.71	58.29 3.05 -0.78	62.43 2.89 -0.45	59.79 2.67 -0.22	52.43 2.06 -0.18	41.67 1.94 -0.24	36.02 1.50 -0.32	31.67 1.22 0.00
GLENWOOD____4 23550	31.68 1.16 -0.01	29.06 0.98 -0.01	26.58 0.75 -0.01	23.29 0.52 0.00	23.95 0.63 0.00	27.79 0.78 -0.01	35.91 1.45 0.00	37.54 1.65 0.00	34.44 1.80 0.00	27.67 1.75 -0.23	35.30 1.92 -6.29	35.56 2.01 -6.05	39.72 2.25 -7.52	45.81 2.34 -10.97	49.18 2.35 -13.21	54.75 2.45 -16.24	60.25 2.64 -16.30	68.42 3.21 -10.74	74.45 3.07 -12.29	67.84 2.79 -8.16	58.77 2.16 -6.42	50.20 2.09 -8.60	47.86 1.71 -11.95	32.04 1.43 -0.16
GLENWOOD____5 23614	31.68 1.16 -0.01	29.06 0.98 -0.01	26.58 0.75 -0.01	23.29 0.52 0.00	23.95 0.63 0.00	27.79 0.78 -0.01	35.91 1.45 0.00	37.54 1.65 0.00	34.44 1.80 0.00	27.67 1.75 -0.23	35.30 1.92 -6.29	35.56 2.01 -6.05	39.72 2.25 -7.52	45.81 2.34 -10.97	49.18 2.35 -13.21	54.75 2.45 -16.24	60.25 2.64 -16.30	68.42 3.21 -10.74	74.45 3.07 -12.29	67.84 2.79 -8.16	58.77 2.16 -6.42	50.20 2.09 -8.60	47.86 1.71 -11.95	32.04 1.43 -0.16
GLOBAL GREEN_PORT_GT1 23814	31.73 1.22 0.00	29.38 1.32 0.00	26.64 0.83 0.00	23.34 0.57 0.00	23.95 0.63 0.00	27.83 0.84 0.00	35.97 1.51 0.00	37.58 1.69 0.00	34.54 1.89 0.00	27.88 1.98 -0.22	31.07 2.36 -1.63	31.58 2.45 -1.62	34.77 2.52 -2.30	37.98 2.57 -2.91	39.94 2.96 -3.37	43.37 3.46 -3.85	48.37 3.80 -3.27	61.57 4.79 -2.31	65.83 4.37 -2.37	62.46 4.04 -1.53	54.36 2.96 -1.20	43.68 2.57 -1.61	38.26 1.85 -2.21	32.09 1.61 -0.02
GLOBE____DSASP 323697	29.47 -1.04 0.00	27.03 -1.04 0.00	24.74 -1.08 0.00	22.15 -0.61 0.00	22.39 -0.93 0.00	26.02 -0.97 0.00	32.18 -2.27 0.00	32.80 -3.09 0.00	30.39 -2.25 0.00	24.25 -1.44 0.00	25.57 -1.52 0.00	26.05 -1.46 0.00	28.28 -1.68 0.00	30.52 -1.98 0.00	31.60 -2.02 0.00	33.61 -2.45 0.00	38.37 -2.93 0.00	50.49 -3.98 0.00	55.42 -3.66 0.00	53.25 -3.64 0.00	47.79 -2.41 0.00	37.37 -2.13 0.00	33.34 -0.85 0.00	29.69 -0.76 0.00
GOETHSLN____LBMP 323567	31.22 0.79 0.08	28.66 0.67 0.08	26.34 0.59 0.08	23.10 0.41 0.08	23.78 0.54 0.08	27.57 0.65 0.08	35.73 1.27 0.00	37.39 1.58 0.08	34.29 1.73 0.08	27.45 1.54 -0.22	29.30 1.65 -0.55	29.87 1.76 -0.61	33.06 2.01 -1.10	35.63 2.08 -1.05	36.86 2.15 -1.09	39.13 2.31 -0.76	41.24 2.40 2.46	45.93 2.89 11.42	50.93 2.60 10.76	50.98 2.33 8.25	43.97 1.71 7.93	35.07 1.74 6.17	35.43 1.23 0.00	31.32 0.94 0.08
GOLAH____69_KV_TB 1_2 80279	30.45 -0.06 0.00	27.95 -0.11 0.00	25.56 -0.26 0.00	22.63 -0.14 0.00	23.21 -0.12 0.00	26.81 -0.19 0.00	33.91 -0.55 0.00	35.10 -0.79 0.00	32.22 -0.42 0.00	25.41 -0.28 0.00	26.82 -0.27 0.00	27.23 -0.28 0.00	29.60 -0.36 0.00	32.11 -0.39 0.00	33.25 -0.37 0.00	35.63 -0.43 0.00	40.89 -0.41 0.00	54.08 -0.38 0.00	59.20 0.12 0.00	57.06 0.17 0.00	50.80 0.60 0.00	39.58 0.08 0.00	34.64 0.44 0.00	30.76 0.30 0.00
GOODYEAR_LAKE_HYD 323669	31.06 0.55 0.00	28.60 0.53 0.00	26.34 0.52 0.00	23.20 0.43 0.00	23.81 0.49 0.00	27.62 0.62 0.00	35.35 0.90 0.00	36.86 0.97 0.00	33.39 0.75 0.00	26.20 0.51 0.00	27.63 0.54 0.00	28.03 0.52 0.00	30.53 0.57 0.00	33.18 0.68 0.00	34.39 0.77 0.00	36.93 0.87 0.00	42.38 1.07 0.00	55.94 1.47 0.00	60.92 1.83 0.00	58.83 1.93 0.00	51.85 1.66 0.00	40.77 1.26 0.00	35.19 0.99 0.00	31.21 0.76 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.48 -0.03 0.00	28.01 -0.06 0.00	25.75 -0.08 0.00	22.72 -0.05 0.00	23.30 -0.02 0.00	26.92 -0.08 0.00	34.42 -0.03 0.00	35.68 -0.22 0.00	32.51 -0.13 0.00	25.64 -0.05 0.00	27.04 -0.05 0.00	27.48 -0.03 0.00	29.87 -0.09 0.00	32.43 -0.06 0.00	33.55 -0.07 0.00	35.99 -0.07 0.00	41.31 0.00 0.00	54.36 -0.11 0.00	59.20 0.12 0.00	57.06 0.17 0.00	50.55 0.35 0.00	39.58 0.08 0.00	34.54 0.34 0.00	30.63 0.18 0.00

GOUDEY___7 23579	30.48 -0.03 0.00	28.01 -0.06 0.00	25.75 -0.08 0.00	22.72 -0.05 0.00	23.30 -0.02 0.00	26.92 -0.08 0.00	34.42 -0.03 0.00	35.68 -0.22 0.00	32.51 -0.13 0.00	25.64 -0.05 0.00	27.04 -0.05 0.00	27.48 -0.03 0.00	29.87 -0.09 0.00	32.43 -0.06 0.00	33.55 -0.07 0.00	35.99 -0.07 0.00	41.31 0.00 0.00	54.36 -0.11 0.00	59.20 0.12 0.00	57.06 0.17 0.00	50.55 0.35 0.00	39.58 0.08 0.00	34.54 0.34 0.00	30.63 0.18 0.00
GOUDEY___8 23580	30.48 -0.03 0.00	28.01 -0.06 0.00	25.75 -0.08 0.00	22.72 -0.05 0.00	23.30 -0.02 0.00	26.92 -0.08 0.00	34.42 -0.03 0.00	35.68 -0.22 0.00	32.51 -0.13 0.00	25.64 -0.05 0.00	27.04 -0.05 0.00	27.48 -0.03 0.00	29.87 -0.09 0.00	32.43 -0.06 0.00	33.55 -0.07 0.00	35.99 -0.07 0.00	41.31 0.00 0.00	54.36 -0.11 0.00	59.20 0.12 0.00	57.06 0.17 0.00	50.55 0.35 0.00	39.58 0.08 0.00	34.54 0.34 0.00	30.63 0.18 0.00
GOWANUS_GT1_1 24077	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GOWANUS_GT1_2 24078	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GOWANUS_GT1_3 24079	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GOWANUS_GT1_4 24080	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GOWANUS_GT1_5 24084	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GOWANUS_GT1_6 24111	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GOWANUS_GT1_7 24112	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GOWANUS_GT1_8 24113	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GOWANUS_GT2_1 24114	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
GOWANUS_GT2_2 24115	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
GOWANUS_GT2_3 24116	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
GOWANUS_GT2_4 24117	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
GOWANUS_GT2_5 24118	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00

GOWANUS_GT2_6 24119	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
GOWANUS_GT2_7 24120	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
GOWANUS_GT2_8 24121	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
GOWANUS_GT3_1 24122	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
GOWANUS_GT3_2 24123	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
GOWANUS_GT3_3 24124	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
GOWANUS_GT3_4 24125	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
GOWANUS_GT3_5 24126	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
GOWANUS_GT3_6 24127	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
GOWANUS_GT3_7 24128	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
GOWANUS_GT3_8 24129	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
GOWANUS_GT4_1 24130	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GOWANUS_GT4_2 24131	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GOWANUS_GT4_3 24132	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GOWANUS_GT4_4 24133	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00

GOWANUS_GT4_5 24134	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GOWANUS_GT4_6 24135	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GOWANUS_GT4_7 24136	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GOWANUS_GT4_8 24137	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GREATVRV_69_KV_BK1 356245	31.94 1.43 0.00	29.24 1.18 0.00	26.59 0.77 0.00	23.27 0.50 0.00	23.91 0.58 0.00	27.80 0.81 0.00	35.97 1.52 0.00	37.65 1.76 0.00	34.50 1.86 0.00	27.86 1.95 -0.22	31.28 2.22 -1.97	31.76 2.31 -1.95	35.06 2.43 -2.68	38.44 2.44 -3.50	40.46 2.76 -4.09	43.88 3.07 -4.75	48.95 3.43 -4.22	61.47 4.08 -2.92	66.14 3.96 -3.10	62.49 3.58 -2.01	54.54 2.76 -1.58	44.43 2.80 -2.12	39.23 2.09 -2.94	32.25 1.77 -0.03
GREENBSH_115KV_TB3 55895	31.06 0.55 0.00	28.60 0.53 0.00	26.34 0.52 0.00	23.22 0.46 0.00	23.79 0.47 0.00	27.56 0.57 0.00	35.35 0.90 0.00	36.82 0.93 0.00	33.52 0.88 0.00	26.24 0.72 0.17	27.42 0.76 0.42	27.84 0.80 0.46	29.98 0.87 0.84	32.57 0.88 0.81	33.72 0.94 0.84	36.37 1.05 0.74	42.22 1.12 0.20	55.45 1.36 0.38	60.36 1.36 0.09	58.20 1.31 0.00	51.25 1.05 0.00	40.53 1.03 0.00	34.95 0.75 0.00	31.15 0.70 0.00
GREENDGE_115KV_TB5 80291	30.63 0.12 0.00	28.18 0.11 0.00	25.82 0.00 0.00	22.84 0.07 0.00	23.39 0.07 0.00	27.05 0.05 0.00	34.60 0.14 0.00	35.86 -0.04 0.00	32.58 -0.07 0.00	25.61 -0.08 0.00	26.98 -0.11 0.00	27.40 -0.11 0.00	29.75 -0.21 0.00	32.34 -0.16 0.00	33.48 -0.13 0.00	36.02 -0.04 0.00	41.18 -0.12 0.00	54.41 -0.05 0.00	59.68 0.59 0.00	57.52 0.63 0.00	51.00 0.80 0.00	39.70 0.20 0.00	34.92 0.72 0.00	30.94 0.49 0.00
GREENIDGE___3 23582	30.63 0.12 0.00	28.18 0.11 0.00	25.82 0.00 0.00	22.84 0.07 0.00	23.39 0.07 0.00	27.05 0.05 0.00	34.60 0.14 0.00	35.86 -0.04 0.00	32.58 -0.07 0.00	25.61 -0.08 0.00	26.98 -0.11 0.00	27.40 -0.11 0.00	29.75 -0.21 0.00	32.34 -0.16 0.00	33.48 -0.13 0.00	36.02 -0.04 0.00	41.18 -0.12 0.00	54.41 -0.05 0.00	59.68 0.59 0.00	57.52 0.63 0.00	51.00 0.80 0.00	39.70 0.20 0.00	34.92 0.72 0.00	30.94 0.49 0.00
GREENIDGE___4 23583	30.66 0.15 0.00	28.18 0.11 0.00	25.85 0.03 0.00	22.84 0.07 0.00	23.39 0.07 0.00	27.05 0.05 0.00	34.60 0.14 0.00	35.89 0.00 0.00	32.58 -0.07 0.00	25.61 -0.08 0.00	26.98 -0.11 0.00	27.40 -0.11 0.00	29.75 -0.21 0.00	32.34 -0.16 0.00	33.48 -0.13 0.00	36.02 -0.04 0.00	41.35 0.04 0.00	54.36 -0.11 0.00	59.68 0.59 0.00	57.52 0.63 0.00	51.00 0.80 0.00	39.78 0.28 0.00	34.92 0.72 0.00	30.94 0.49 0.00
GREENLWN_69_KV_BK 3 55738	31.88 1.37 0.00	29.21 1.15 0.00	26.57 0.75 0.00	23.27 0.50 0.00	23.91 0.58 0.00	27.80 0.81 0.00	35.91 1.45 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.81 1.90 -0.22	31.04 2.11 -1.83	31.53 2.20 -1.82	34.91 2.43 -2.53	38.24 2.47 -3.27	40.15 2.72 -3.81	43.24 2.78 -4.40	48.12 2.97 -3.84	60.58 3.43 -2.68	65.21 3.31 -2.81	61.79 3.07 -1.82	54.04 2.41 -1.43	44.03 2.61 -1.92	38.98 2.12 -2.66	32.22 1.74 -0.03
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00
GRISSOM___SOLAR 323813	31.76 1.25 0.00	29.16 1.09 0.00	26.88 1.06 0.00	23.70 0.93 0.00	24.26 0.93 0.00	28.24 1.24 0.00	36.25 1.79 0.00	37.43 1.54 0.00	33.46 0.82 0.00	25.74 0.18 0.12	26.62 -0.16 0.31	26.84 -0.33 0.34	28.92 -0.42 0.61	31.55 -0.36 0.59	32.87 -0.13 0.61	35.67 0.14 0.54	41.78 0.62 0.15	55.66 1.47 0.28	61.74 2.72 0.06	60.31 3.41 0.00	53.06 2.86 0.00	41.67 2.17 0.00	35.91 1.71 0.00	31.85 1.40 0.00
GROVEVILLE___HYD 323602	31.36 0.85 0.00	28.88 0.81 0.00	26.47 0.65 0.00	23.29 0.52 0.00	23.93 0.61 0.00	27.73 0.73 0.00	35.73 1.27 0.00	37.33 1.44 0.00	34.01 1.37 0.00	27.02 1.16 -0.18	28.76 1.22 -0.45	29.32 1.32 -0.49	32.37 1.53 -0.89	34.95 1.59 -0.85	36.19 1.68 -0.89	38.68 1.84 -0.78	43.55 2.02 -0.22	57.54 2.67 -0.40	61.84 2.66 -0.09	59.28 2.39 0.00	52.10 1.91 0.00	41.28 1.78 0.00	35.43 1.23 0.00	31.46 1.00 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.14 -0.37 0.00	27.73 -0.34 0.00	25.49 -0.34 0.00	22.50 -0.27 0.00	23.04 -0.28 0.00	26.67 -0.32 0.00	34.15 -0.31 0.00	35.57 -0.32 0.00	32.35 -0.29 0.00	25.43 -0.26 0.00	26.82 -0.27 0.00	27.23 -0.28 0.00	29.63 -0.33 0.00	32.21 -0.29 0.00	33.31 -0.30 0.00	35.77 -0.29 0.00	41.02 -0.29 0.00	54.08 -0.38 0.00	58.91 -0.18 0.00	56.78 -0.11 0.00	50.15 -0.05 0.00	39.30 -0.20 0.00	34.13 -0.07 0.00	30.33 -0.12 0.00
HAMLTNNY_34_KV_TB 80303	30.27 -0.24 0.00	27.81 -0.25 0.00	25.54 -0.28 0.00	22.56 -0.20 0.00	23.11 -0.21 0.00	26.75 -0.24 0.00	34.22 -0.24 0.00	35.64 -0.25 0.00	32.41 -0.23 0.00	25.51 -0.18 0.00	26.90 -0.19 0.00	27.29 -0.22 0.00	29.69 -0.27 0.00	32.27 -0.23 0.00	33.38 -0.24 0.00	35.88 -0.18 0.00	41.14 -0.17 0.00	54.30 -0.16 0.00	59.20 0.12 0.00	57.06 0.17 0.00	50.45 0.25 0.00	39.50 0.00 0.00	34.34 0.14 0.00	30.45 0.00 0.00

HAMPSHIRE___PAPER_HYD 323593	31.36 0.85 0.00	28.90 0.84 0.00	26.65 0.83 0.00	23.50 0.73 0.00	24.12 0.79 0.00	27.97 0.97 0.00	35.59 1.14 0.00	37.22 1.33 0.00	33.49 0.85 0.00	26.17 0.49 0.00	27.58 0.49 0.00	27.89 0.38 0.00	30.38 0.42 0.00	33.08 0.59 0.00	34.25 0.64 0.00	36.74 0.68 0.00	42.17 0.87 0.00	55.94 1.47 0.00	61.03 1.95 0.00	58.88 1.99 0.00	52.15 1.96 0.00	40.80 1.30 0.00	35.29 1.09 0.00	31.40 0.95 0.00
HARDSCRABBLE_WT_PWR 323673	30.94 0.43 0.00	28.49 0.42 0.00	26.21 0.39 0.00	23.11 0.34 0.00	23.70 0.37 0.00	27.46 0.46 0.00	35.08 0.62 0.00	36.54 0.65 0.00	33.23 0.59 0.00	26.10 0.41 0.00	27.55 0.46 0.00	27.97 0.47 0.00	30.43 0.48 0.00	33.08 0.59 0.00	34.25 0.64 0.00	36.74 0.68 0.00	42.13 0.83 0.00	55.50 1.03 0.00	60.27 1.18 0.00	58.14 1.25 0.00	51.25 1.06 0.00	40.33 0.83 0.00	34.82 0.62 0.00	31.00 0.55 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.12 0.61 0.00	28.63 0.56 0.00	26.26 0.44 0.00	23.13 0.36 0.00	23.74 0.42 0.00	27.54 0.54 0.00	35.49 1.03 0.00	37.08 1.18 0.00	33.82 1.18 0.00	26.89 1.03 -0.17	28.63 1.11 -0.43	29.16 1.18 -0.47	32.19 1.38 -0.85	34.75 1.43 -0.82	35.98 1.51 -0.85	38.43 1.62 -0.75	43.33 1.82 -0.21	57.14 2.29 -0.38	61.42 2.25 -0.09	58.94 2.05 0.00	51.80 1.61 0.00	40.96 1.46 0.00	35.22 1.03 0.00	31.24 0.79 0.00
HARSNRAD_115KV_TB1 81005	30.24 -0.27 0.00	27.73 -0.34 0.00	25.36 -0.46 0.00	22.31 -0.46 0.00	22.97 -0.35 0.00	26.24 -0.76 0.00	32.94 -1.52 0.00	33.59 -2.30 0.00	31.08 -1.57 0.00	24.76 -0.92 0.00	26.11 -0.98 0.00	26.57 -0.94 0.00	28.85 -1.11 0.00	31.20 -1.30 0.00	32.30 -1.31 0.00	34.40 -1.66 0.00	39.36 -1.94 0.00	51.85 -2.61 0.00	56.96 -2.13 0.00	54.73 -2.16 0.00	49.04 -1.15 0.00	38.28 -1.22 0.00	34.06 -0.14 0.00	30.42 -0.03 0.00
HARZA MOOSE___RIVER 24016	31.18 0.67 0.00	28.74 0.67 0.00	26.49 0.67 0.00	23.36 0.59 0.00	23.98 0.65 0.00	27.81 0.81 0.00	35.46 1.00 0.00	37.11 1.22 0.00	33.49 0.85 0.00	26.18 0.49 0.00	27.60 0.51 0.00	27.92 0.41 0.00	30.41 0.45 0.00	33.12 0.62 0.00	34.36 0.74 0.00	36.89 0.83 0.00	42.42 1.12 0.00	56.15 1.69 0.00	61.27 2.19 0.00	59.23 2.33 0.00	52.31 2.11 0.00	40.92 1.42 0.00	35.26 1.06 0.00	31.30 0.85 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.96 -0.55 0.00	27.56 -0.51 0.00	25.33 -0.49 0.00	22.36 -0.41 0.00	22.90 -0.42 0.00	26.51 -0.49 0.00	33.91 -0.55 0.00	35.32 -0.57 0.00	32.12 -0.52 0.00	25.28 -0.41 0.00	26.68 -0.41 0.00	27.07 -0.44 0.00	29.48 -0.48 0.00	32.01 -0.49 0.00	33.11 -0.50 0.00	35.52 -0.54 0.00	40.73 -0.58 0.00	53.65 -0.82 0.00	58.38 -0.71 0.00	56.27 -0.63 0.00	49.69 -0.50 0.00	38.99 -0.51 0.00	33.89 -0.31 0.00	30.09 -0.37 0.00
HELLGATE_13_KV_LD 55870	31.61 1.10 0.00	28.96 0.90 0.00	26.62 0.80 0.00	23.36 0.59 0.00	24.09 0.77 0.00	27.73 0.73 0.00	36.04 1.59 0.00	37.69 1.79 0.00	34.60 1.96 0.00	27.81 1.90 -0.22	29.65 2.00 -0.55	30.17 2.06 -0.61	33.48 2.43 -1.10	36.09 2.53 -1.05	37.30 2.59 -1.09	39.69 2.67 -0.96	44.46 2.89 -0.27	58.50 3.54 -0.49	62.51 3.31 -0.11	59.57 2.67 0.00	52.15 1.96 0.00	41.44 1.94 0.00	35.81 1.61 0.00	31.61 1.16 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.61 1.10 0.00	28.96 0.90 0.00	26.62 0.80 0.00	23.36 0.59 0.00	24.09 0.77 0.00	27.73 0.73 0.00	36.04 1.59 0.00	37.69 1.79 0.00	34.60 1.96 0.00	27.81 1.90 -0.22	29.65 2.00 -0.55	30.17 2.06 -0.61	33.48 2.43 -1.10	36.09 2.53 -1.05	37.30 2.59 -1.09	39.69 2.67 -0.96	44.46 2.89 -0.27	58.50 3.54 -0.49	62.51 3.31 -0.11	59.57 2.67 0.00	52.15 1.96 0.00	41.44 1.94 0.00	35.81 1.61 0.00	31.61 1.16 0.00
HEMPSTEAD___ 23647	31.35 0.82 -0.01	29.00 0.92 -0.01	26.40 0.57 -0.01	23.15 0.39 0.00	23.81 0.49 0.00	27.65 0.65 -0.01	35.66 1.21 0.00	37.29 1.40 0.00	34.24 1.60 0.00	27.59 1.67 -0.23	35.17 1.84 -6.23	35.43 1.92 -6.00	39.54 2.13 -7.46	45.55 2.18 -10.87	49.03 2.32 -13.10	54.57 2.42 -16.09	59.97 2.52 -16.14	68.22 3.16 -10.60	74.19 2.95 -12.15	67.76 2.79 -8.08	58.81 2.26 -6.35	50.11 2.09 -8.52	48.13 1.71 -12.22	32.02 1.40 -0.17
HICKLING___1 23621	30.51 0.00 0.00	28.06 0.00 0.00	25.75 -0.08 0.00	22.75 -0.02 0.00	23.32 0.00 0.00	26.86 -0.13 0.00	34.35 -0.10 0.00	35.53 -0.36 0.00	32.35 -0.29 0.00	25.53 -0.15 0.00	26.95 -0.14 0.00	27.40 -0.11 0.00	29.75 -0.21 0.00	32.30 -0.19 0.00	33.45 -0.17 0.00	35.88 -0.18 0.00	41.22 -0.08 0.00	54.30 -0.16 0.00	59.56 0.47 0.00	57.46 0.57 0.00	51.10 0.90 0.00	39.78 0.28 0.00	34.99 0.79 0.00	31.00 0.55 0.00
HICKLING___2 23622	30.51 0.00 0.00	28.06 0.00 0.00	25.75 -0.08 0.00	22.75 -0.02 0.00	23.32 0.00 0.00	26.86 -0.13 0.00	34.35 -0.10 0.00	35.53 -0.36 0.00	32.35 -0.29 0.00	25.53 -0.15 0.00	26.95 -0.14 0.00	27.40 -0.11 0.00	29.75 -0.21 0.00	32.30 -0.19 0.00	33.45 -0.17 0.00	35.88 -0.18 0.00	41.22 -0.08 0.00	54.30 -0.16 0.00	59.56 0.47 0.00	57.46 0.57 0.00	51.10 0.90 0.00	39.78 0.28 0.00	34.99 0.79 0.00	31.00 0.55 0.00
HIGH FALLS___HY 23754	31.24 0.73 0.00	28.74 0.67 0.00	26.31 0.49 0.00	23.18 0.41 0.00	23.81 0.49 0.00	27.62 0.62 0.00	35.59 1.14 0.00	37.18 1.29 0.00	33.85 1.21 0.00	26.81 1.00 -0.12	28.44 1.06 -0.29	28.95 1.13 -0.32	31.85 1.32 -0.58	34.45 1.40 -0.56	35.64 1.45 -0.58	38.16 1.59 -0.51	43.26 1.82 -0.14	57.18 2.45 -0.26	61.63 2.48 -0.06	59.17 2.28 0.00	52.05 1.86 0.00	41.16 1.66 0.00	35.33 1.13 0.00	31.36 0.91 0.00
HIGH_RIVER___SOLAR 323847	31.30 0.79 0.00	28.77 0.70 0.00	26.49 0.67 0.00	23.36 0.59 0.00	23.93 0.61 0.00	27.75 0.75 0.00	35.59 1.14 0.00	36.89 1.00 0.00	33.23 0.59 0.00	25.71 0.16 0.13	26.70 -0.05 0.33	27.06 -0.08 0.36	29.18 -0.12 0.66	31.77 -0.10 0.63	32.92 -0.03 0.66	35.55 0.07 0.58	41.52 0.37 0.16	55.09 0.93 0.30	60.67 1.65 0.07	58.88 1.99 0.00	51.85 1.65 0.00	40.80 1.30 0.00	35.22 1.03 0.00	31.36 0.91 0.00
HILLBURN___GT 23639	31.09 0.58 0.00	28.60 0.53 0.00	26.26 0.44 0.00	23.13 0.36 0.00	23.77 0.44 0.00	27.51 0.51 0.00	35.53 1.07 0.00	37.11 1.22 0.00	33.95 1.31 0.00	27.05 1.18 -0.18	28.82 1.27 -0.45	29.35 1.35 -0.50	32.41 1.56 -0.90	34.95 1.59 -0.86	36.16 1.65 -0.90	38.65 1.80 -0.79	43.43 1.90 -0.22	57.26 2.39 -0.40	61.42 2.24 -0.09	58.94 2.05 0.00	51.75 1.56 0.00	40.88 1.38 0.00	35.22 1.03 0.00	31.21 0.76 0.00
HILLSIDE_115KV_TB1 80332	30.11 -0.40 0.00	27.70 -0.36 0.00	25.41 -0.41 0.00	22.47 -0.30 0.00	23.02 -0.30 0.00	26.54 -0.46 0.00	33.91 -0.55 0.00	34.89 -1.00 0.00	31.83 -0.82 0.00	25.17 -0.51 0.00	26.57 -0.51 0.00	27.01 -0.50 0.00	29.33 -0.63 0.00	31.82 -0.68 0.00	32.94 -0.67 0.00	35.30 -0.76 0.00	40.56 -0.74 0.00	53.32 -1.14 0.00	58.32 -0.77 0.00	56.21 -0.68 0.00	49.95 -0.25 0.00	38.99 -0.51 0.00	34.23 0.03 0.00	30.36 -0.09 0.00

HISHELDN_WT_PWR 323625	30.30 -0.21 0.00	27.81 -0.25 0.00	25.51 -0.31 0.00	22.50 -0.27 0.00	23.07 -0.26 0.00	26.48 -0.51 0.00	33.46 -1.00 0.00	34.24 -1.65 0.00	31.37 -1.27 0.00	24.92 -0.77 0.00	26.30 -0.79 0.00	26.79 -0.72 0.00	29.09 -0.87 0.00	31.52 -0.97 0.00	32.64 -0.98 0.00	34.83 -1.23 0.00	40.27 -1.03 0.00	52.40 -2.07 0.00	57.79 -1.30 0.00	55.59 -1.31 0.00	49.74 -0.45 0.00	39.03 -0.47 0.00	34.41 0.21 0.00	30.64 0.18 0.00
HOLTSVILLE_IC_1 23690	31.12 0.61 0.00	28.84 0.78 0.00	26.18 0.36 0.00	22.97 0.20 0.00	23.60 0.28 0.00	27.42 0.43 0.00	35.42 0.96 0.00	37.04 1.15 0.00	34.01 1.37 0.00	27.45 1.54 -0.22	30.46 1.76 -1.61	30.96 1.84 -1.61	34.09 1.86 -2.28	37.20 1.82 -2.88	39.07 2.12 -3.33	42.17 2.31 -3.80	46.92 2.39 -3.22	59.68 2.94 -2.27	63.96 2.54 -2.33	60.84 2.44 -1.50	53.18 1.80 -1.18	42.91 1.82 -1.59	37.84 1.47 -2.18	31.69 1.22 -0.02
HOLTSVILLE_IC_10 23699	31.24 0.73 0.00	28.93 0.87 0.00	26.26 0.44 0.00	23.04 0.27 0.00	23.67 0.35 0.00	27.51 0.51 0.00	35.56 1.10 0.00	37.18 1.29 0.00	34.15 1.50 0.00	27.58 1.67 -0.22	30.68 1.90 -1.69	31.17 1.98 -1.69	34.34 2.01 -2.37	37.51 1.98 -3.03	39.44 2.32 -3.51	42.64 2.56 -4.02	47.48 2.73 -3.45	60.32 3.43 -2.42	64.55 2.95 -2.51	61.42 2.90 -1.62	53.68 2.21 -1.27	43.31 2.09 -1.71	38.19 1.64 -2.35	31.85 1.37 -0.03
HOLTSVILLE_IC_2 23691	31.12 0.61 0.00	28.84 0.78 0.00	26.18 0.36 0.00	22.97 0.20 0.00	23.60 0.28 0.00	27.42 0.43 0.00	35.42 0.96 0.00	37.04 1.15 0.00	34.01 1.37 0.00	27.45 1.54 -0.22	30.46 1.76 -1.61	30.96 1.84 -1.61	34.09 1.86 -2.28	37.20 1.82 -2.88	39.07 2.12 -3.33	42.17 2.31 -3.80	46.92 2.39 -3.22	59.68 2.94 -2.27	63.96 2.54 -2.33	60.84 2.44 -1.50	53.18 1.80 -1.18	42.91 1.82 -1.59	37.84 1.47 -2.18	31.69 1.22 -0.02
HOLTSVILLE_IC_3 23692	31.12 0.61 0.00	28.84 0.78 0.00	26.18 0.36 0.00	22.97 0.20 0.00	23.60 0.28 0.00	27.42 0.43 0.00	35.42 0.96 0.00	37.04 1.15 0.00	34.01 1.37 0.00	27.45 1.54 -0.22	30.46 1.76 -1.61	30.96 1.84 -1.61	34.09 1.86 -2.28	37.20 1.82 -2.88	39.07 2.12 -3.33	42.17 2.31 -3.80	46.92 2.39 -3.22	59.68 2.94 -2.27	63.96 2.54 -2.33	60.84 2.44 -1.50	53.18 1.80 -1.18	42.91 1.82 -1.59	37.84 1.47 -2.18	31.69 1.22 -0.02
HOLTSVILLE_IC_4 23693	31.12 0.61 0.00	28.84 0.78 0.00	26.18 0.36 0.00	22.97 0.20 0.00	23.60 0.28 0.00	27.42 0.43 0.00	35.42 0.96 0.00	37.04 1.15 0.00	34.01 1.37 0.00	27.45 1.54 -0.22	30.46 1.76 -1.61	30.96 1.84 -1.61	34.09 1.86 -2.28	37.20 1.82 -2.88	39.07 2.12 -3.33	42.17 2.31 -3.80	46.92 2.39 -3.22	59.68 2.94 -2.27	63.96 2.54 -2.33	60.84 2.44 -1.50	53.18 1.80 -1.18	42.91 1.82 -1.59	37.84 1.47 -2.18	31.69 1.22 -0.02
HOLTSVILLE_IC_5 23694	31.12 0.61 0.00	28.84 0.78 0.00	26.18 0.36 0.00	22.97 0.20 0.00	23.60 0.28 0.00	27.42 0.43 0.00	35.42 0.96 0.00	37.04 1.15 0.00	34.01 1.37 0.00	27.45 1.54 -0.22	30.46 1.76 -1.61	30.96 1.84 -1.61	34.09 1.86 -2.28	37.20 1.82 -2.88	39.07 2.12 -3.33	42.17 2.31 -3.80	46.92 2.39 -3.22	59.68 2.94 -2.27	63.96 2.54 -2.33	60.84 2.44 -1.50	53.18 1.80 -1.18	42.91 1.82 -1.59	37.84 1.47 -2.18	31.69 1.22 -0.02
HOLTSVILLE_IC_6 23695	31.24 0.73 0.00	28.93 0.87 0.00	26.26 0.44 0.00	23.04 0.27 0.00	23.67 0.35 0.00	27.51 0.51 0.00	35.56 1.10 0.00	37.18 1.29 0.00	34.15 1.50 0.00	27.58 1.67 -0.22	30.68 1.90 -1.69	31.17 1.98 -1.69	34.34 2.01 -2.37	37.51 1.98 -3.03	39.44 2.32 -3.51	42.64 2.56 -4.02	47.48 2.73 -3.45	60.32 3.43 -2.42	64.55 2.95 -2.51	61.42 2.90 -1.62	53.68 2.21 -1.27	43.31 2.09 -1.71	38.19 1.64 -2.35	31.85 1.37 -0.03
HOLTSVILLE_IC_7 23696	31.24 0.73 0.00	28.93 0.87 0.00	26.26 0.44 0.00	23.04 0.27 0.00	23.67 0.35 0.00	27.51 0.51 0.00	35.56 1.10 0.00	37.18 1.29 0.00	34.15 1.50 0.00	27.58 1.67 -0.22	30.68 1.90 -1.69	31.17 1.98 -1.69	34.34 2.01 -2.37	37.51 1.98 -3.03	39.44 2.32 -3.51	42.64 2.56 -4.02	47.48 2.73 -3.45	60.32 3.43 -2.42	64.55 2.95 -2.51	61.42 2.90 -1.62	53.68 2.21 -1.27	43.31 2.09 -1.71	38.19 1.64 -2.35	31.85 1.37 -0.03
HOLTSVILLE_IC_8 23697	31.24 0.73 0.00	28.93 0.87 0.00	26.26 0.44 0.00	23.04 0.27 0.00	23.67 0.35 0.00	27.51 0.51 0.00	35.56 1.10 0.00	37.18 1.29 0.00	34.15 1.50 0.00	27.58 1.67 -0.22	30.68 1.90 -1.69	31.17 1.98 -1.69	34.34 2.01 -2.37	37.51 1.98 -3.03	39.44 2.32 -3.51	42.64 2.56 -4.02	47.48 2.73 -3.45	60.32 3.43 -2.42	64.55 2.95 -2.51	61.42 2.90 -1.62	53.68 2.21 -1.27	43.31 2.09 -1.71	38.19 1.64 -2.35	31.85 1.37 -0.03
HOLTSVILLE_IC_9 23698	31.24 0.73 0.00	28.93 0.87 0.00	26.26 0.44 0.00	23.04 0.27 0.00	23.67 0.35 0.00	27.51 0.51 0.00	35.56 1.10 0.00	37.18 1.29 0.00	34.15 1.50 0.00	27.58 1.67 -0.22	30.68 1.90 -1.69	31.17 1.98 -1.69	34.34 2.01 -2.37	37.51 1.98 -3.03	39.44 2.32 -3.51	42.64 2.56 -4.02	47.48 2.73 -3.45	60.32 3.43 -2.42	64.55 2.95 -2.51	61.42 2.90 -1.62	53.68 2.21 -1.27	43.31 2.09 -1.71	38.19 1.64 -2.35	31.85 1.37 -0.03
HOMER_HL_115KV_TB2 355744	29.96 -0.55 0.00	27.50 -0.56 0.00	25.20 -0.62 0.00	22.29 -0.48 0.00	22.88 -0.44 0.00	26.21 -0.78 0.00	33.49 -0.96 0.00	34.10 -1.79 0.00	31.27 -1.37 0.00	24.89 -0.80 0.00	26.36 -0.73 0.00	26.82 -0.69 0.00	29.06 -0.90 0.00	31.49 -1.01 0.00	32.57 -1.04 0.00	34.76 -1.30 0.00	40.03 -1.28 0.00	52.45 -2.02 0.00	57.67 -1.42 0.00	55.41 -1.48 0.00	49.54 -0.65 0.00	38.48 -1.03 0.00	34.16 -0.03 0.00	30.27 -0.18 0.00
HOWARD_WT_PWR 323690	30.88 0.37 0.00	28.34 0.28 0.00	26.03 0.21 0.00	22.97 0.20 0.00	23.56 0.23 0.00	27.16 0.16 0.00	34.67 0.21 0.00	35.64 -0.25 0.00	32.35 -0.29 0.00	25.51 -0.18 0.00	26.93 -0.16 0.00	27.37 -0.14 0.00	29.72 -0.24 0.00	32.27 -0.23 0.00	33.45 -0.17 0.00	35.88 -0.18 0.00	41.51 0.21 0.00	54.30 -0.16 0.00	59.97 0.89 0.00	57.80 0.91 0.00	51.55 1.36 0.00	40.21 0.71 0.00	35.33 1.13 0.00	31.30 0.85 0.00
HQ_GEN_CEDARS 23644	31.46 0.95 0.00	28.93 0.87 0.00	26.65 0.83 0.00	23.50 0.73 0.00	24.00 0.68 0.00	27.81 0.81 0.00	35.32 0.86 0.00	36.68 0.79 0.00	33.17 0.52 0.00	26.05 0.36 0.00	27.47 0.38 0.00	27.81 0.30 0.00	30.32 0.36 0.00	32.92 0.42 0.00	34.02 0.40 0.00	36.49 0.43 0.00	41.84 0.54 0.00	55.50 1.03 0.00	60.27 1.18 0.00	57.92 1.02 0.00	51.30 1.10 0.00	40.13 0.63 0.00	34.81 0.62 0.00	31.12 0.67 0.00
HQ_GEN_CEDARS_PROXY 323590	31.46 0.95 0.00	28.93 0.87 0.00	26.65 0.83 0.00	23.50 0.73 0.00	24.00 0.68 0.00	27.81 0.81 0.00	35.32 0.86 0.00	36.68 0.79 0.00	33.16 0.52 0.00	26.05 0.36 0.00	27.47 0.38 0.00	27.81 0.30 0.00	30.32 0.36 0.00	32.92 0.42 0.00	34.02 0.40 0.00	36.49 0.43 0.00	41.84 0.54 0.00	55.50 1.03 0.00	60.27 1.18 0.00	57.92 1.03 0.00	51.30 1.10 0.00	40.13 0.63 0.00	34.82 0.62 0.00	31.12 0.67 0.00

HQ_GEN_IMPORT 323601	30.78 0.27 0.00	28.32 0.25 0.00	26.08 0.26 0.00	23.00 0.23 0.00	23.51 0.19 0.00	27.24 0.24 0.00	34.60 0.14 0.00	36.04 0.14 0.00	32.71 0.07 0.00	25.71 0.03 0.00	27.12 0.03 0.00	27.51 0.00 0.00	29.96 0.00 0.00	32.50 0.00 0.00	33.62 0.00 0.00	36.06 0.00 0.00	41.35 0.04 0.00	54.63 0.16 0.00	59.26 0.18 0.00	57.01 0.11 0.00	50.35 0.15 0.00	39.54 0.04 0.00	34.27 0.07 0.00	30.54 0.09 0.00
HQ_GEN_WHEEL 23651	30.78 0.27 0.00	28.32 0.25 0.00	26.08 0.26 0.00	23.00 0.23 0.00	23.51 0.19 0.00	27.24 0.24 0.00	34.60 0.14 0.00	36.04 0.14 0.00	32.71 0.07 0.00	25.71 0.03 0.00	27.12 0.03 0.00	27.51 0.00 0.00	29.96 0.00 0.00	32.50 0.00 0.00	33.62 0.00 0.00	36.06 0.00 0.00	41.35 0.04 0.00	54.63 0.16 0.00	59.26 0.18 0.00	57.01 0.11 0.00	50.35 0.15 0.00	39.54 0.04 0.00	34.27 0.07 0.00	30.54 0.09 0.00
HUDSON AVE_GT_3 23810	31.46 0.95 0.00	28.88 0.81 0.00	26.55 0.72 0.00	23.29 0.52 0.00	24.00 0.68 0.00	27.78 0.78 0.00	35.97 1.52 0.00	37.69 1.79 0.00	34.54 1.89 0.00	27.63 1.72 -0.22	29.46 1.82 -0.55	30.04 1.93 -0.61	33.27 2.22 -1.10	35.86 2.31 -1.05	37.10 2.39 -1.09	39.58 2.56 -0.96	44.26 2.68 -0.27	58.23 3.27 -0.49	62.21 3.01 -0.11	59.62 2.73 0.00	52.31 2.11 0.00	41.52 2.01 0.00	35.67 1.47 0.00	31.58 1.13 0.00
HUDSON AVE_GT_4 23540	31.46 0.95 0.00	28.88 0.81 0.00	26.55 0.72 0.00	23.29 0.52 0.00	24.00 0.68 0.00	27.78 0.78 0.00	35.97 1.52 0.00	37.69 1.79 0.00	34.54 1.89 0.00	27.63 1.72 -0.22	29.46 1.82 -0.55	30.04 1.93 -0.61	33.27 2.22 -1.10	35.86 2.31 -1.05	37.10 2.39 -1.09	39.58 2.56 -0.96	44.26 2.68 -0.27	58.23 3.27 -0.49	62.21 3.01 -0.11	59.62 2.73 0.00	52.31 2.11 0.00	41.52 2.01 0.00	35.67 1.47 0.00	31.58 1.13 0.00
HUDSON AVE_GT_5 23657	31.46 0.95 0.00	28.88 0.81 0.00	26.55 0.72 0.00	23.29 0.52 0.00	24.00 0.68 0.00	27.78 0.78 0.00	35.97 1.52 0.00	37.69 1.79 0.00	34.54 1.89 0.00	27.63 1.72 -0.22	29.46 1.82 -0.55	30.04 1.93 -0.61	33.27 2.22 -1.10	35.86 2.31 -1.05	37.10 2.39 -1.09	39.58 2.56 -0.96	44.26 2.68 -0.27	58.23 3.27 -0.49	62.21 3.01 -0.11	59.62 2.73 0.00	52.31 2.11 0.00	41.52 2.01 0.00	35.67 1.47 0.00	31.58 1.13 0.00
HUDSON_AVE_10 24168	31.39 0.88 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.25 0.48 0.00	23.93 0.61 0.00	27.73 0.73 0.00	35.91 1.45 0.00	37.61 1.72 0.00	34.50 1.86 0.00	27.58 1.67 -0.22	29.40 1.76 -0.55	29.98 1.87 -0.61	33.21 2.16 -1.10	35.79 2.24 -1.05	37.03 2.32 -1.09	39.48 2.45 -0.96	44.03 2.44 -0.28	57.97 2.94 -0.56	61.93 2.72 -0.13	59.51 2.62 0.00	52.15 1.96 0.00	41.44 1.94 0.00	35.60 1.40 0.00	31.52 1.07 0.00
HUDSON___115KV_TB 4 355613	31.52 1.01 0.00	28.99 0.93 0.00	26.65 0.83 0.00	23.52 0.75 0.00	24.07 0.75 0.00	27.91 0.92 0.00	35.80 1.34 0.00	37.18 1.29 0.00	33.82 1.18 0.00	26.39 0.85 0.15	27.59 0.87 0.37	27.96 0.85 0.40	30.16 0.93 0.73	32.78 0.97 0.70	33.97 1.08 0.72	36.65 1.23 0.64	42.58 1.45 0.18	56.05 1.91 0.33	61.20 2.19 0.07	59.11 2.22 0.00	52.00 1.81 0.00	41.04 1.54 0.00	35.40 1.20 0.00	31.49 1.04 0.00
HUNTER MOUNT___DRP 323613	31.64 1.13 0.00	29.10 1.04 0.00	26.73 0.90 0.00	23.59 0.82 0.00	24.12 0.79 0.00	28.02 1.03 0.00	35.91 1.45 0.00	37.36 1.47 0.00	33.59 0.95 0.00	26.61 0.92 0.00	27.98 0.89 0.00	28.41 0.91 0.00	31.03 1.08 0.00	33.64 1.14 0.00	34.93 1.31 0.00	37.61 1.55 0.00	43.33 2.02 0.00	57.73 3.27 0.00	63.10 4.02 0.00	59.80 2.90 0.00	52.66 2.46 0.00	41.60 2.09 0.00	35.64 1.44 0.00	31.82 1.37 0.00
HUNTINGTON_RES_REC 323705	31.42 0.91 0.00	29.10 1.04 0.00	26.41 0.59 0.00	23.15 0.39 0.00	23.81 0.49 0.00	27.67 0.68 0.00	35.73 1.28 0.00	37.36 1.47 0.00	34.31 1.66 0.00	27.70 1.80 -0.22	30.80 2.00 -1.70	31.29 2.09 -1.70	34.59 2.25 -2.38	37.81 2.27 -3.04	39.70 2.55 -3.53	42.85 2.74 -4.05	47.67 2.89 -3.47	60.45 3.54 -2.44	64.80 3.19 -2.53	61.66 3.13 -1.64	53.94 2.46 -1.28	43.56 2.33 -1.72	38.49 1.91 -2.37	32.06 1.58 -0.03
HUNTLEY___63 23557	30.30 -0.21 0.00	27.78 -0.28 0.00	25.41 -0.41 0.00	22.50 -0.27 0.00	23.00 -0.33 0.00	26.46 -0.54 0.00	33.11 -1.34 0.00	33.77 -2.12 0.00	31.24 -1.40 0.00	24.89 -0.80 0.00	26.28 -0.81 0.00	26.76 -0.74 0.00	29.06 -0.90 0.00	31.43 -1.07 0.00	32.54 -1.08 0.00	34.65 -1.41 0.00	39.61 -1.69 0.00	52.18 -2.29 0.00	57.37 -1.71 0.00	55.07 -1.82 0.00	49.39 -0.80 0.00	38.51 -0.99 0.00	34.27 0.07 0.00	30.51 0.06 0.00
HUNTLEY___64 23558	30.30 -0.21 0.00	27.78 -0.28 0.00	25.41 -0.41 0.00	22.50 -0.27 0.00	23.00 -0.33 0.00	26.46 -0.54 0.00	33.11 -1.34 0.00	33.77 -2.12 0.00	31.24 -1.40 0.00	24.89 -0.80 0.00	26.28 -0.81 0.00	26.76 -0.74 0.00	29.06 -0.90 0.00	31.43 -1.07 0.00	32.54 -1.08 0.00	34.65 -1.41 0.00	39.61 -1.69 0.00	52.18 -2.29 0.00	57.37 -1.71 0.00	55.07 -1.82 0.00	49.39 -0.80 0.00	38.51 -0.99 0.00	34.27 0.07 0.00	30.51 0.06 0.00
HUNTLEY___65 23559	30.30 -0.21 0.00	27.78 -0.28 0.00	25.41 -0.41 0.00	22.50 -0.27 0.00	23.00 -0.33 0.00	26.46 -0.54 0.00	33.11 -1.34 0.00	33.77 -2.12 0.00	31.24 -1.40 0.00	24.89 -0.80 0.00	26.28 -0.81 0.00	26.76 -0.74 0.00	29.06 -0.90 0.00	31.43 -1.07 0.00	32.54 -1.08 0.00	34.65 -1.41 0.00	39.61 -1.69 0.00	52.18 -2.29 0.00	57.37 -1.71 0.00	55.07 -1.82 0.00	49.39 -0.80 0.00	38.51 -0.99 0.00	34.27 0.07 0.00	30.51 0.06 0.00
HUNTLEY___66 23560	30.30 -0.21 0.00	27.78 -0.28 0.00	25.41 -0.41 0.00	22.50 -0.27 0.00	23.00 -0.33 0.00	26.46 -0.54 0.00	33.11 -1.34 0.00	33.77 -2.12 0.00	31.24 -1.40 0.00	24.89 -0.80 0.00	26.28 -0.81 0.00	26.76 -0.74 0.00	29.06 -0.90 0.00	31.43 -1.07 0.00	32.54 -1.08 0.00	34.65 -1.41 0.00	39.61 -1.69 0.00	52.18 -2.29 0.00	57.37 -1.71 0.00	55.07 -1.82 0.00	49.39 -0.80 0.00	38.51 -0.99 0.00	34.27 0.07 0.00	30.51 0.06 0.00
HUNTLEY___67 23561	30.11 -0.40 0.00	27.61 -0.45 0.00	25.28 -0.54 0.00	22.36 -0.41 0.00	22.90 -0.42 0.00	26.29 -0.70 0.00	33.01 -1.45 0.00	33.67 -2.23 0.00	31.14 -1.50 0.00	24.81 -0.87 0.00	26.20 -0.89 0.00	26.65 -0.85 0.00	28.94 -1.02 0.00	31.30 -1.20 0.00	32.41 -1.21 0.00	34.47 -1.59 0.00	39.45 -1.86 0.00	51.91 -2.56 0.00	57.02 -2.07 0.00	54.79 -2.11 0.00	49.09 -1.10 0.00	38.32 -1.19 0.00	34.10 -0.10 0.00	30.36 -0.09 0.00
HUNTLEY___68 23562	30.11 -0.40 0.00	27.61 -0.45 0.00	25.28 -0.54 0.00	22.36 -0.41 0.00	22.90 -0.42 0.00	26.29 -0.70 0.00	33.01 -1.45 0.00	33.67 -2.23 0.00	31.14 -1.50 0.00	24.81 -0.87 0.00	26.20 -0.89 0.00	26.65 -0.85 0.00	28.94 -1.02 0.00	31.30 -1.20 0.00	32.41 -1.21 0.00	34.47 -1.59 0.00	39.45 -1.86 0.00	51.91 -2.56 0.00	57.02 -2.07 0.00	54.79 -2.11 0.00	49.09 -1.10 0.00	38.32 -1.19 0.00	34.10 -0.10 0.00	30.36 -0.09 0.00

HYLAND___LFGE 323620	31.91 1.40 0.00	29.27 1.21 0.00	26.75 0.93 0.00	23.70 0.93 0.00	24.26 0.93 0.00	28.05 1.05 0.00	35.80 1.34 0.00	37.07 1.18 0.00	33.49 0.85 0.00	26.05 0.36 0.00	27.36 0.27 0.00	27.67 0.17 0.00	29.99 0.03 0.00	32.66 0.16 0.00	33.95 0.34 0.00	36.67 0.61 0.00	42.92 1.61 0.00	56.75 2.29 0.00	63.11 4.02 0.00	60.93 4.04 0.00	54.21 4.02 0.00	42.11 2.61 0.00	36.56 2.36 0.00	32.25 1.80 0.00
INDECK___CORINTH 23802	31.94 1.43 0.00	29.36 1.29 0.00	27.06 1.24 0.00	23.86 1.09 0.00	24.40 1.07 0.00	28.35 1.35 0.00	36.39 1.93 0.00	37.86 1.97 0.00	34.37 1.73 0.00	26.66 1.16 0.18	27.51 0.87 0.45	27.87 0.85 0.49	29.94 0.87 0.88	32.59 0.94 0.85	33.84 1.11 0.88	35.57 0.29 0.78	41.34 0.25 0.21	54.99 0.93 0.40	60.36 1.36 0.09	58.77 1.87 0.00	51.65 1.46 0.00	40.57 1.07 0.00	35.05 0.86 0.00	32.03 1.58 0.00
INDECK___ILION 23567	30.75 0.24 0.00	28.32 0.25 0.00	26.06 0.23 0.00	22.97 0.20 0.00	23.56 0.23 0.00	27.27 0.27 0.00	34.84 0.38 0.00	36.32 0.43 0.00	33.00 0.36 0.00	25.97 0.28 0.00	27.39 0.30 0.00	27.81 0.30 0.00	30.29 0.33 0.00	32.89 0.39 0.00	34.02 0.40 0.00	36.53 0.47 0.00	41.84 0.54 0.00	55.17 0.71 0.00	59.85 0.77 0.00	57.75 0.85 0.00	50.90 0.70 0.00	40.06 0.55 0.00	34.61 0.41 0.00	30.79 0.33 0.00
INDECK___OLEAN 23982	29.99 -0.52 0.00	27.50 -0.56 0.00	25.25 -0.57 0.00	22.29 -0.48 0.00	22.88 -0.44 0.00	26.21 -0.78 0.00	33.53 -0.93 0.00	34.17 -1.72 0.00	31.27 -1.37 0.00	24.92 -0.77 0.00	26.36 -0.73 0.00	26.82 -0.69 0.00	29.06 -0.90 0.00	31.49 -1.01 0.00	32.57 -1.04 0.00	34.80 -1.26 0.00	40.36 -0.95 0.00	52.34 -2.13 0.00	57.61 -1.47 0.00	55.36 -1.53 0.00	49.54 -0.65 0.00	38.71 -0.79 0.00	34.16 -0.03 0.00	30.30 -0.15 0.00
INDECK___OSWEGO 23783	29.69 -0.82 0.00	27.31 -0.76 0.00	25.13 -0.70 0.00	22.15 -0.61 0.00	22.69 -0.63 0.00	26.29 -0.70 0.00	33.63 -0.83 0.00	35.10 -0.79 0.00	31.89 -0.75 0.00	25.07 -0.62 0.00	26.44 -0.65 0.00	26.85 -0.66 0.00	29.21 -0.75 0.00	31.72 -0.78 0.00	32.84 -0.77 0.00	35.23 -0.83 0.00	40.11 -1.20 0.00	52.83 -1.63 0.00	57.49 -1.59 0.00	55.41 -1.48 0.00	48.94 -1.25 0.00	38.48 -1.03 0.00	33.62 -0.58 0.00	29.84 -0.61 0.00
INDECK___YERKES 23781	30.36 -0.15 0.00	27.81 -0.25 0.00	25.49 -0.34 0.00	22.52 -0.25 0.00	23.02 -0.30 0.00	26.48 -0.51 0.00	33.15 -1.31 0.00	33.92 -1.97 0.00	31.27 -1.37 0.00	24.92 -0.77 0.00	26.30 -0.79 0.00	26.79 -0.72 0.00	29.09 -0.87 0.00	31.46 -1.04 0.00	32.57 -1.04 0.00	34.69 -1.37 0.00	40.11 -1.20 0.00	52.07 -2.40 0.00	57.37 -1.72 0.00	55.07 -1.82 0.00	49.39 -0.81 0.00	38.79 -0.71 0.00	34.30 0.10 0.00	30.57 0.12 0.00
INDIAN POINT_GT_1 24139	31.15 0.64 0.00	28.65 0.59 0.00	26.34 0.52 0.00	23.16 0.39 0.00	23.79 0.47 0.00	27.54 0.54 0.00	35.59 1.14 0.00	37.22 1.33 0.00	34.05 1.40 0.00	27.16 1.26 -0.21	28.97 1.35 -0.53	29.54 1.46 -0.58	32.65 1.65 -1.05	35.23 1.72 -1.00	36.41 1.75 -1.04	38.89 1.91 -0.92	43.63 2.07 -0.25	57.44 2.51 -0.47	61.50 2.30 -0.11	58.94 2.05 0.00	51.75 1.56 0.00	41.00 1.50 0.00	35.26 1.06 0.00	31.27 0.82 0.00
INDIAN POINT_GT_2 23659	31.15 0.64 0.00	28.65 0.59 0.00	26.34 0.52 0.00	23.16 0.39 0.00	23.79 0.47 0.00	27.54 0.54 0.00	35.59 1.14 0.00	37.22 1.33 0.00	34.05 1.40 0.00	27.16 1.26 -0.21	28.97 1.35 -0.53	29.54 1.46 -0.58	32.65 1.65 -1.05	35.23 1.72 -1.00	36.41 1.75 -1.04	38.89 1.91 -0.92	43.63 2.07 -0.25	57.44 2.51 -0.47	61.50 2.30 -0.11	58.94 2.05 0.00	51.75 1.56 0.00	41.00 1.50 0.00	35.26 1.06 0.00	31.27 0.82 0.00
INDIAN POINT_GT_3 24019	31.15 0.64 0.00	28.65 0.59 0.00	26.34 0.52 0.00	23.16 0.39 0.00	23.79 0.47 0.00	27.54 0.54 0.00	35.59 1.14 0.00	37.22 1.33 0.00	34.05 1.40 0.00	27.16 1.26 -0.21	28.97 1.35 -0.53	29.54 1.46 -0.58	32.65 1.65 -1.05	35.23 1.72 -1.00	36.41 1.75 -1.04	38.89 1.91 -0.92	43.63 2.07 -0.25	57.44 2.51 -0.47	61.50 2.30 -0.11	58.94 2.05 0.00	51.75 1.56 0.00	41.00 1.50 0.00	35.26 1.06 0.00	31.27 0.82 0.00
INDIAN POINT___2 23530	31.09 0.58 0.00	28.62 0.56 0.00	26.29 0.47 0.00	23.13 0.36 0.00	23.77 0.44 0.00	27.51 0.51 0.00	35.53 1.07 0.00	37.15 1.26 0.00	33.98 1.34 0.00	27.10 1.21 -0.20	28.89 1.30 -0.50	29.46 1.40 -0.55	32.53 1.59 -0.99	35.11 1.66 -0.95	36.32 1.71 -0.99	38.77 1.84 -0.87	43.45 1.90 -0.24	57.36 2.45 -0.45	61.43 2.24 -0.10	58.88 1.99 0.00	51.70 1.50 0.00	40.88 1.38 0.00	35.22 1.03 0.00	31.21 0.76 0.00
INDIAN POINT___3 23531	31.12 0.61 0.00	28.63 0.56 0.00	26.31 0.49 0.00	23.13 0.36 0.00	23.79 0.47 0.00	27.54 0.54 0.00	35.56 1.10 0.00	37.18 1.29 0.00	34.01 1.37 0.00	27.13 1.23 -0.21	28.95 1.33 -0.53	29.52 1.43 -0.58	32.62 1.62 -1.05	35.19 1.69 -1.01	36.38 1.71 -1.05	38.82 1.84 -0.92	43.58 2.02 -0.25	57.33 2.40 -0.47	61.44 2.25 -0.11	58.88 1.99 0.00	51.70 1.51 0.00	40.96 1.46 0.00	35.22 1.03 0.00	31.24 0.79 0.00
INGHAM_C_115KV_TB7 356103	31.03 0.52 0.00	28.57 0.51 0.00	26.29 0.46 0.00	23.18 0.41 0.00	23.77 0.44 0.00	27.54 0.54 0.00	35.15 0.69 0.00	36.64 0.75 0.00	33.30 0.65 0.00	26.18 0.49 0.00	27.63 0.54 0.00	28.06 0.55 0.00	30.53 0.57 0.00	33.15 0.65 0.00	34.32 0.71 0.00	36.85 0.79 0.00	42.21 0.91 0.00	55.66 1.20 0.00	60.45 1.36 0.00	58.26 1.37 0.00	51.35 1.15 0.00	40.45 0.95 0.00	34.92 0.72 0.00	31.09 0.64 0.00
IP CORINTH___1 23988	31.94 1.43 0.00	29.35 1.29 0.00	27.06 1.24 0.00	23.86 1.09 0.00	24.40 1.07 0.00	28.35 1.35 0.00	36.39 1.93 0.00	37.87 1.97 0.00	34.37 1.73 0.00	26.66 1.16 0.18	27.51 0.87 0.45	27.87 0.85 0.49	29.94 0.87 0.88	32.59 0.94 0.85	33.84 1.11 0.88	35.75 0.47 0.78	41.63 0.54 0.21	55.32 1.25 0.40	60.71 1.71 0.09	59.06 2.16 0.00	51.95 1.76 0.00	40.81 1.30 0.00	35.22 1.03 0.00	32.03 1.58 0.00
IP___TICONDEROGA 23804	32.95 2.44 0.00	30.22 2.16 0.00	27.91 2.09 0.00	24.59 1.82 0.00	25.10 1.77 0.00	29.26 2.27 0.00	37.59 3.14 0.00	39.09 3.19 0.00	35.39 2.74 0.00	27.35 1.85 0.18	28.20 1.57 0.46	28.52 1.51 0.50	30.55 1.50 0.91	33.32 1.69 0.87	34.69 1.98 0.90	36.92 1.66 0.80	43.15 2.07 0.22	57.33 3.27 0.41	63.31 4.31 0.09	61.84 4.95 0.00	54.36 4.17 0.00	42.50 3.00 0.00	36.63 2.43 0.00	33.07 2.62 0.00
ISLIP_RES_REC 323679	31.36 0.85 0.00	29.04 0.98 0.00	26.36 0.54 0.00	23.13 0.36 0.00	23.77 0.44 0.00	27.62 0.62 0.00	35.70 1.24 0.00	37.33 1.44 0.00	34.31 1.66 0.00	27.68 1.77 -0.22	30.90 2.06 -1.75	31.37 2.12 -1.74	34.58 2.19 -2.44	37.80 2.18 -3.13	39.77 2.52 -3.63	43.08 2.85 -4.17	47.97 3.06 -3.61	60.81 3.81 -2.53	65.09 3.37 -2.63	61.90 3.30 -1.70	54.04 2.51 -1.34	43.63 2.33 -1.80	38.49 1.81 -2.48	31.97 1.49 -0.03

JAMAICA__27_KV_LOAD 355505	31.55 1.04 0.00	28.93 0.87 0.00	26.60 0.77 0.00	23.31 0.55 0.00	24.02 0.70 0.00	27.86 0.86 0.00	36.15 1.69 0.00	37.83 1.94 0.00	34.80 2.15 0.00	27.79 1.88 -0.22	29.59 1.95 -0.55	30.17 2.06 -0.61	33.45 2.40 -1.10	36.05 2.50 -1.05	37.33 2.62 -1.09	39.73 2.70 -0.96	43.82 2.23 -0.29	57.88 2.83 -0.58	61.82 2.60 -0.13	59.97 3.07 0.00	52.51 2.31 0.00	41.71 2.21 0.00	35.87 1.68 0.00	31.70 1.25 0.00
JANIS__SOLAR 323808	31.40 0.89 0.00	28.93 0.87 0.00	26.62 0.80 0.00	23.50 0.73 0.00	24.12 0.79 0.00	27.92 0.92 0.00	35.80 1.34 0.00	37.29 1.40 0.00	33.56 0.91 0.00	26.17 0.49 0.00	27.50 0.41 0.00	27.84 0.33 0.00	30.26 0.30 0.00	32.99 0.49 0.00	34.29 0.67 0.00	36.96 0.90 0.00	42.75 1.44 0.00	56.59 2.12 0.00	62.16 3.07 0.00	60.13 3.24 0.00	53.21 3.01 0.00	41.56 2.05 0.00	35.91 1.71 0.00	31.76 1.31 0.00
JARVIS____ 23743	30.51 0.00 0.00	28.09 0.03 0.00	25.85 0.03 0.00	22.79 0.02 0.00	23.35 0.02 0.00	27.02 0.03 0.00	34.56 0.10 0.00	36.00 0.11 0.00	32.74 0.10 0.00	25.77 0.08 0.00	27.17 0.08 0.00	27.59 0.08 0.00	30.05 0.09 0.00	32.60 0.10 0.00	33.75 0.14 0.00	36.17 0.11 0.00	41.43 0.12 0.00	54.63 0.16 0.00	59.26 0.18 0.00	57.06 0.17 0.00	50.35 0.15 0.00	39.66 0.16 0.00	34.27 0.07 0.00	30.51 0.06 0.00
JENNISON____1 23625	31.46 0.95 0.00	29.02 0.95 0.00	26.73 0.90 0.00	23.57 0.80 0.00	24.21 0.89 0.00	28.02 1.03 0.00	35.80 1.34 0.00	37.36 1.47 0.00	33.79 1.14 0.00	26.41 0.72 0.00	27.85 0.76 0.00	28.22 0.72 0.00	30.67 0.72 0.00	33.44 0.94 0.00	34.73 1.11 0.00	37.32 1.26 0.00	43.00 1.69 0.00	56.86 2.40 0.00	62.22 3.13 0.00	60.19 3.30 0.00	53.21 3.01 0.00	41.56 2.05 0.00	35.91 1.71 0.00	31.79 1.34 0.00
JENNISON____2 23626	31.46 0.95 0.00	29.02 0.95 0.00	26.73 0.90 0.00	23.57 0.80 0.00	24.21 0.89 0.00	28.02 1.03 0.00	35.80 1.34 0.00	37.36 1.47 0.00	33.79 1.14 0.00	26.41 0.72 0.00	27.85 0.76 0.00	28.22 0.72 0.00	30.67 0.72 0.00	33.44 0.94 0.00	34.73 1.11 0.00	37.32 1.26 0.00	43.00 1.69 0.00	56.86 2.40 0.00	62.22 3.13 0.00	60.19 3.30 0.00	53.21 3.01 0.00	41.56 2.05 0.00	35.91 1.71 0.00	31.79 1.34 0.00
JERICOHO_RISE_WT_PWR 323719	31.24 0.73 0.00	28.74 0.67 0.00	26.47 0.65 0.00	23.34 0.57 0.00	23.84 0.51 0.00	27.62 0.62 0.00	35.08 0.62 0.00	37.33 1.44 0.00	33.75 1.11 0.00	26.48 0.80 0.00	27.93 0.84 0.00	28.28 0.77 0.00	30.83 0.87 0.00	33.44 0.94 0.00	34.56 0.94 0.00	37.14 1.08 0.00	42.71 1.41 0.00	56.86 2.39 0.00	61.75 2.66 0.00	59.23 2.33 0.00	52.40 2.21 0.00	40.73 1.23 0.00	35.29 1.09 0.00	31.52 1.07 0.00
KATONAH__115KV_46KV_TB4 355592	31.30 0.79 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.29 0.52 0.00	23.93 0.61 0.00	27.70 0.70 0.00	35.77 1.31 0.00	37.47 1.58 0.00	34.28 1.63 0.00	27.25 1.34 -0.23	29.12 1.46 -0.57	29.72 1.60 -0.62	32.84 1.77 -1.12	35.46 1.88 -1.07	36.65 1.92 -1.12	39.17 2.13 -0.98	43.85 2.27 -0.27	57.80 2.83 -0.50	61.92 2.72 -0.11	59.34 2.45 0.00	52.10 1.91 0.00	41.32 1.82 0.00	35.46 1.27 0.00	31.40 0.94 0.00
KCE_NY_1 323755	31.64 1.13 0.00	29.07 1.01 0.00	26.78 0.96 0.00	23.63 0.86 0.00	24.19 0.86 0.00	28.05 1.05 0.00	35.97 1.51 0.00	37.40 1.51 0.00	33.98 1.34 0.00	26.42 0.92 0.19	27.46 0.84 0.47	27.81 0.82 0.52	29.89 0.87 0.94	32.54 0.94 0.90	33.76 1.08 0.94	36.24 1.01 0.82	42.23 1.15 0.23	55.79 1.74 0.42	61.06 2.07 0.10	59.17 2.28 0.00	52.10 1.91 0.00	41.04 1.54 0.00	35.40 1.20 0.00	31.70 1.25 0.00
KCE_NY_6_ESR 323823	30.42 -0.09 0.00	27.87 -0.20 0.00	25.54 -0.28 0.00	22.52 -0.25 0.00	23.11 -0.21 0.00	26.48 -0.51 0.00	33.42 -1.03 0.00	34.17 -1.72 0.00	31.44 -1.21 0.00	25.07 -0.62 0.00	26.47 -0.62 0.00	26.93 -0.58 0.00	29.24 -0.72 0.00	31.65 -0.85 0.00	32.78 -0.84 0.00	34.90 -1.16 0.00	40.40 -0.91 0.00	52.45 -2.01 0.00	57.79 -1.30 0.00	55.47 -1.42 0.00	49.69 -0.50 0.00	39.03 -0.47 0.00	34.47 0.27 0.00	30.69 0.24 0.00
KEDC PORT_JEFF_GT2 24210	31.24 0.73 0.00	28.93 0.87 0.00	26.26 0.44 0.00	23.04 0.27 0.00	23.67 0.35 0.00	27.51 0.51 0.00	35.56 1.10 0.00	37.15 1.26 0.00	34.15 1.50 0.00	27.55 1.65 -0.22	30.62 1.87 -1.66	31.12 1.95 -1.66	34.30 2.01 -2.34	37.42 1.95 -2.97	39.34 2.29 -3.44	42.52 2.52 -3.94	47.35 2.68 -3.36	60.16 3.32 -2.37	64.12 2.60 -2.44	61.31 2.84 -1.58	53.59 2.16 -1.24	43.26 2.09 -1.66	38.13 1.64 -2.29	31.85 1.37 -0.03
KEDC PORT_JEFF_GT3 24211	31.24 0.73 0.00	28.93 0.87 0.00	26.26 0.44 0.00	23.04 0.27 0.00	23.67 0.35 0.00	27.51 0.51 0.00	35.56 1.10 0.00	37.15 1.26 0.00	34.15 1.50 0.00	27.55 1.65 -0.22	30.62 1.87 -1.66	31.12 1.95 -1.66	34.30 2.01 -2.34	37.42 1.95 -2.97	39.34 2.29 -3.44	42.52 2.52 -3.94	47.35 2.68 -3.36	60.16 3.32 -2.37	64.12 2.60 -2.44	61.31 2.84 -1.58	53.59 2.16 -1.24	43.26 2.09 -1.66	38.13 1.64 -2.29	31.85 1.37 -0.03
KEDC_GLWD_GT4 24219	31.50 0.98 -0.01	29.05 0.98 -0.01	26.55 0.72 -0.01	23.29 0.52 0.00	23.95 0.63 0.00	27.79 0.78 -0.01	35.87 1.41 0.00	37.51 1.62 0.00	34.44 1.79 0.00	27.67 1.75 -0.23	35.30 1.92 -6.29	35.56 2.01 -6.05	39.72 2.25 -7.52	45.81 2.34 -10.97	49.08 2.25 -13.21	54.68 2.38 -16.24	60.08 2.48 -16.30	68.31 3.10 -10.74	74.33 2.95 -12.29	67.72 2.67 -8.16	58.72 2.11 -6.42	50.04 1.94 -8.60	47.83 1.68 -11.95	32.04 1.43 -0.16
KEDC_GLWD_GT5 24220	31.50 0.98 -0.01	29.05 0.98 -0.01	26.55 0.72 -0.01	23.29 0.52 0.00	23.95 0.63 0.00	27.79 0.78 -0.01	35.87 1.41 0.00	37.51 1.62 0.00	34.44 1.79 0.00	27.67 1.75 -0.23	35.30 1.92 -6.29	35.56 2.01 -6.05	39.72 2.25 -7.52	45.81 2.34 -10.97	49.08 2.25 -13.21	54.68 2.38 -16.24	60.08 2.48 -16.30	68.31 3.10 -10.74	74.33 2.95 -12.29	67.72 2.67 -8.16	58.72 2.11 -6.42	50.04 1.94 -8.60	47.83 1.68 -11.95	32.04 1.43 -0.16
KENSICO____ 23655	31.24 0.73 0.00	28.74 0.67 0.00	26.42 0.59 0.00	23.20 0.43 0.00	23.86 0.54 0.00	27.64 0.65 0.00	35.70 1.24 0.00	37.36 1.47 0.00	34.18 1.53 0.00	27.30 1.39 -0.22	29.13 1.49 -0.55	29.70 1.60 -0.60	32.84 1.80 -1.08	35.42 1.88 -1.04	36.65 1.95 -1.08	39.11 2.09 -0.95	43.84 2.27 -0.26	57.68 2.72 -0.49	61.74 2.54 -0.11	59.17 2.28 0.00	51.90 1.71 0.00	41.16 1.66 0.00	35.36 1.16 0.00	31.36 0.91 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.27 0.76 0.00	28.79 0.73 0.00	26.37 0.54 0.00	23.22 0.46 0.00	23.84 0.51 0.00	27.67 0.67 0.00	35.63 1.17 0.00	37.22 1.33 0.00	33.85 1.21 0.00	26.82 1.00 -0.13	28.46 1.06 -0.32	28.95 1.10 -0.35	31.87 1.29 -0.63	34.46 1.36 -0.60	35.69 1.45 -0.62	38.20 1.59 -0.55	43.32 1.86 -0.15	57.25 2.51 -0.28	61.75 2.60 -0.06	59.23 2.33 0.00	52.10 1.91 0.00	41.20 1.70 0.00	35.36 1.16 0.00	31.40 0.94 0.00

KIAC_JFK_GT1 23816	31.36 0.85 0.00	28.77 0.70 0.00	26.44 0.62 0.00	23.20 0.43 0.00	23.88 0.56 0.00	27.70 0.70 0.00	35.94 1.48 0.00	37.51 1.62 0.00	34.60 1.96 0.00	27.66 1.75 -0.22	29.46 1.82 -0.55	30.04 1.93 -0.61	33.27 2.22 -1.10	35.86 2.31 -1.05	37.10 2.39 -1.09	39.37 2.34 -0.96	43.45 1.86 -0.29	57.28 2.23 -0.58	61.17 1.95 -0.13	59.40 2.50 0.00	52.00 1.81 0.00	41.28 1.78 0.00	35.67 1.47 0.00	31.52 1.07 0.00
KIAC_JFK_GT2 23817	31.36 0.85 0.00	28.77 0.70 0.00	26.44 0.62 0.00	23.20 0.43 0.00	23.88 0.56 0.00	27.70 0.70 0.00	35.94 1.48 0.00	37.51 1.62 0.00	34.60 1.96 0.00	27.66 1.75 -0.22	29.46 1.82 -0.55	30.04 1.93 -0.61	33.27 2.22 -1.10	35.86 2.31 -1.05	37.10 2.39 -1.09	39.37 2.34 -0.96	43.45 1.86 -0.29	57.28 2.23 -0.58	61.17 1.95 -0.13	59.40 2.50 0.00	52.00 1.81 0.00	41.28 1.78 0.00	35.67 1.47 0.00	31.52 1.07 0.00
KIAC_JFK____ 323774	31.33 0.82 0.00	28.77 0.70 0.00	26.44 0.62 0.00	23.20 0.43 0.00	23.88 0.56 0.00	27.70 0.70 0.00	35.94 1.48 0.00	37.47 1.58 0.00	34.60 1.96 0.00	27.66 1.75 -0.22	29.46 1.82 -0.55	30.04 1.92 -0.61	33.27 2.22 -1.10	35.86 2.31 -1.05	36.89 2.18 -1.09	39.37 2.34 -0.96	43.99 2.39 -0.29	57.33 2.29 -0.58	62.11 2.89 -0.13	59.46 2.56 0.00	52.06 1.86 0.00	41.24 1.74 0.00	35.67 1.47 0.00	31.52 1.07 0.00
KINTIGH__24_KV_GSU 356498	30.05 -0.46 0.00	27.53 -0.53 0.00	25.25 -0.57 0.00	22.34 -0.43 0.00	22.83 -0.49 0.00	26.27 -0.73 0.00	32.98 -1.48 0.00	33.88 -2.01 0.00	31.21 -1.44 0.00	24.81 -0.87 0.00	26.17 -0.92 0.00	26.65 -0.85 0.00	28.94 -1.02 0.00	31.26 -1.23 0.00	32.37 -1.24 0.00	34.55 -1.51 0.00	39.82 -1.49 0.00	51.80 -2.67 0.00	56.90 -2.18 0.00	54.67 -2.22 0.00	48.94 -1.25 0.00	38.52 -0.99 0.00	33.96 -0.24 0.00	30.24 -0.21 0.00
KINTIGH____ 23543	30.02 -0.49 0.00	27.53 -0.53 0.00	25.20 -0.62 0.00	22.34 -0.43 0.00	22.83 -0.49 0.00	26.27 -0.73 0.00	32.98 -1.48 0.00	33.77 -2.12 0.00	31.21 -1.44 0.00	24.81 -0.87 0.00	26.17 -0.92 0.00	26.65 -0.85 0.00	28.94 -1.02 0.00	31.26 -1.23 0.00	32.37 -1.24 0.00	34.51 -1.55 0.00	39.45 -1.86 0.00	51.96 -2.51 0.00	56.96 -2.13 0.00	54.73 -2.16 0.00	48.99 -1.20 0.00	38.32 -1.19 0.00	33.96 -0.24 0.00	30.21 -0.24 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.73 1.22 0.00	29.16 1.09 0.00	26.86 1.03 0.00	23.68 0.91 0.00	24.16 0.84 0.00	28.02 1.03 0.00	36.04 1.59 0.00	38.37 2.48 0.00	34.63 1.99 0.00	27.13 1.44 0.00	28.58 1.49 0.00	28.94 1.43 0.00	31.57 1.62 0.00	34.25 1.75 0.00	35.36 1.75 0.00	38.08 2.02 0.00	43.91 2.60 0.00	58.82 4.36 0.00	63.87 4.79 0.00	61.16 4.27 0.00	54.11 3.92 0.00	41.75 2.25 0.00	36.18 1.98 0.00	32.34 1.89 0.00
LACHUTE____HYDRO 323717	32.95 2.44 0.00	30.22 2.16 0.00	27.91 2.09 0.00	24.59 1.82 0.00	25.09 1.77 0.00	29.26 2.27 0.00	37.59 3.14 0.00	39.08 3.19 0.00	35.39 2.74 0.00	27.35 1.85 0.18	28.20 1.57 0.46	28.52 1.51 0.50	30.55 1.50 0.91	33.32 1.69 0.87	34.69 1.98 0.90	36.92 1.66 0.80	43.11 2.02 0.22	57.33 3.27 0.41	63.30 4.31 0.09	61.84 4.95 0.00	54.36 4.16 0.00	42.54 3.04 0.00	36.63 2.43 0.00	33.07 2.62 0.00
LAWRNCALV_115KV_TB1 80681	31.49 0.98 0.00	28.99 0.93 0.00	26.73 0.90 0.00	23.54 0.77 0.00	24.12 0.79 0.00	27.97 0.97 0.00	35.49 1.03 0.00	37.00 1.11 0.00	33.39 0.75 0.00	26.18 0.49 0.00	27.58 0.49 0.00	27.95 0.44 0.00	30.44 0.48 0.00	33.08 0.58 0.00	34.19 0.57 0.00	36.60 0.54 0.00	41.88 0.58 0.00	55.61 1.14 0.00	60.45 1.36 0.00	58.09 1.19 0.00	51.55 1.36 0.00	40.37 0.87 0.00	35.09 0.89 0.00	31.33 0.88 0.00
LEDERLE____ 23769	31.21 0.70 0.00	28.71 0.65 0.00	26.37 0.54 0.00	23.20 0.43 0.00	23.84 0.51 0.00	27.62 0.62 0.00	35.66 1.21 0.00	37.26 1.36 0.00	34.08 1.44 0.00	27.14 1.26 -0.19	28.92 1.35 -0.48	29.49 1.46 -0.52	32.55 1.65 -0.95	35.13 1.72 -0.91	36.34 1.78 -0.95	38.84 1.95 -0.83	43.68 2.15 -0.23	57.51 2.61 -0.43	61.66 2.48 -0.10	59.17 2.28 0.00	51.95 1.76 0.00	41.12 1.62 0.00	35.36 1.16 0.00	31.33 0.88 0.00
LIGHTHSE_115KV_TB6 355974	30.30 -0.21 0.00	27.90 -0.17 0.00	25.67 -0.15 0.00	22.65 -0.11 0.00	23.23 -0.09 0.00	26.92 -0.08 0.00	34.39 -0.07 0.00	35.96 0.07 0.00	32.55 -0.10 0.00	25.51 -0.18 0.00	26.87 -0.22 0.00	27.23 -0.28 0.00	29.66 -0.30 0.00	32.24 -0.26 0.00	33.41 -0.20 0.00	35.92 -0.14 0.00	41.14 -0.17 0.00	54.47 0.00 0.00	59.44 0.35 0.00	57.35 0.46 0.00	50.70 0.50 0.00	39.62 0.12 0.00	34.34 0.14 0.00	30.48 0.03 0.00
LINDEN COGEN____ 23786	31.19 0.76 0.08	28.66 0.67 0.08	26.31 0.57 0.08	23.08 0.39 0.08	23.76 0.51 0.08	27.54 0.62 0.08	35.70 1.24 0.00	37.35 1.54 0.08	34.26 1.70 0.08	27.45 1.54 -0.22	29.27 1.63 -0.55	29.85 1.73 -0.61	33.06 2.01 -1.10	35.63 2.08 -1.05	36.83 2.12 -1.09	39.13 2.31 -0.76	41.16 2.31 2.46	45.93 2.88 11.42	50.99 2.66 10.76	50.98 2.33 8.25	43.97 1.71 7.93	34.99 1.66 6.17	35.40 1.20 0.00	31.28 0.91 0.08
LINDHRST_69_KV_BK1 356055	31.91 1.40 0.00	29.22 1.15 0.00	26.57 0.75 0.00	23.27 0.50 0.00	23.91 0.58 0.00	27.81 0.81 0.00	35.94 1.48 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.81 1.90 -0.22	32.17 2.14 -2.94	32.60 2.23 -2.87	36.12 2.40 -3.77	40.11 2.44 -5.18	42.48 2.72 -6.14	46.28 2.88 -7.33	51.41 3.18 -6.93	62.96 3.87 -4.63	68.00 3.78 -5.14	63.76 3.47 -3.39	55.53 2.66 -2.67	45.77 2.69 -3.58	41.82 2.09 -5.53	32.26 1.74 -0.07
LIPA_MISC_IPP 23656	31.30 0.79 0.00	28.68 0.62 0.00	26.08 0.26 0.00	22.86 0.09 0.00	23.49 0.16 0.00	27.26 0.27 0.00	35.28 0.83 0.00	36.93 1.04 0.00	33.82 1.18 0.00	27.32 1.41 -0.22	30.34 1.63 -1.62	30.83 1.71 -1.62	33.90 1.65 -2.29	36.96 1.56 -2.91	38.86 1.88 -3.36	42.09 2.20 -3.83	47.00 2.44 -3.25	59.60 2.83 -2.30	63.99 2.54 -2.36	60.63 2.22 -1.52	52.95 1.56 -1.20	43.00 1.90 -1.61	37.70 1.30 -2.20	31.54 1.07 -0.02
LISF____SOLAR 323691	30.99 0.49 0.00	28.73 0.67 0.00	26.05 0.23 0.00	22.88 0.11 0.00	23.51 0.19 0.00	27.29 0.30 0.00	35.28 0.83 0.00	36.89 1.00 0.00	33.85 1.21 0.00	27.34 1.44 -0.22	30.38 1.65 -1.64	30.85 1.71 -1.63	33.94 1.68 -2.31	37.05 1.62 -2.93	38.96 1.95 -3.39	42.21 2.27 -3.87	47.04 2.44 -3.30	59.78 2.99 -2.32	64.08 2.60 -2.39	60.94 2.50 -1.54	53.21 1.80 -1.21	42.91 1.78 -1.63	37.77 1.33 -2.24	31.57 1.09 -0.02
LITTLE FALLS____HYD 24013	31.03 0.52 0.00	28.57 0.51 0.00	26.29 0.46 0.00	23.18 0.41 0.00	23.77 0.44 0.00	27.54 0.54 0.00	35.15 0.69 0.00	36.64 0.75 0.00	33.30 0.65 0.00	26.18 0.49 0.00	27.63 0.54 0.00	28.06 0.55 0.00	30.53 0.57 0.00	33.15 0.65 0.00	34.32 0.71 0.00	36.85 0.79 0.00	42.21 0.91 0.00	55.66 1.20 0.00	60.45 1.36 0.00	58.26 1.37 0.00	51.35 1.15 0.00	40.45 0.95 0.00	34.92 0.72 0.00	31.09 0.64 0.00

LITTLRIV_115KV_TB1 356100	31.79 1.28 0.00	29.27 1.21 0.00	27.01 1.19 0.00	23.79 1.02 0.00	24.37 1.05 0.00	28.27 1.27 0.00	35.87 1.41 0.00	37.43 1.54 0.00	33.66 1.01 0.00	26.33 0.64 0.00	27.74 0.65 0.00	28.08 0.58 0.00	30.59 0.63 0.00	33.25 0.75 0.00	34.42 0.81 0.00	36.89 0.83 0.00	42.30 0.99 0.00	56.26 1.80 0.00	61.27 2.19 0.00	58.94 2.05 0.00	52.31 2.11 0.00	40.88 1.38 0.00	35.43 1.23 0.00	31.64 1.19 0.00
LI_NEWBRDGE___DRP 323616	31.57 1.07 0.01	28.93 0.87 0.01	26.33 0.52 0.01	23.04 0.27 0.00	23.70 0.37 0.00	27.53 0.54 0.00	35.56 1.10 0.00	37.18 1.29 0.00	34.11 1.47 0.00	27.55 1.64 -0.22	29.68 1.79 -0.81	30.22 1.87 -0.85	33.37 2.04 -1.38	36.07 2.08 -1.50	37.54 2.29 -1.64	40.03 2.31 -1.67	44.72 2.44 -0.97	58.15 2.89 -0.80	62.42 2.72 -0.62	59.82 2.56 -0.36	52.44 1.96 -0.28	41.98 2.09 -0.38	36.39 1.74 -0.45	31.85 1.40 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.27 -0.24 0.00	27.76 -0.31 0.00	25.38 -0.44 0.00	22.31 -0.46 0.00	23.00 -0.33 0.00	26.24 -0.76 0.00	32.94 -1.52 0.00	33.59 -2.30 0.00	31.08 -1.57 0.00	24.74 -0.95 0.00	26.11 -0.98 0.00	26.57 -0.94 0.00	28.85 -1.11 0.00	31.20 -1.30 0.00	32.30 -1.31 0.00	34.40 -1.66 0.00	39.36 -1.94 0.00	51.85 -2.61 0.00	57.02 -2.07 0.00	54.79 -2.11 0.00	49.09 -1.10 0.00	38.32 -1.19 0.00	34.06 -0.14 0.00	30.42 -0.03 0.00
LOCKPORT___CC1 323769	30.26 -0.25 0.00	27.73 -0.34 0.00	25.41 -0.41 0.00	22.31 -0.46 0.00	22.97 -0.35 0.00	26.24 -0.76 0.00	32.94 -1.52 0.00	33.70 -2.19 0.00	31.08 -1.57 0.00	24.76 -0.92 0.00	26.12 -0.97 0.00	26.57 -0.94 0.00	28.85 -1.11 0.00	31.20 -1.30 0.00	32.30 -1.31 0.00	34.40 -1.66 0.00	39.78 -1.53 0.00	51.63 -2.83 0.00	56.90 -2.18 0.00	54.62 -2.28 0.00	48.99 -1.21 0.00	38.52 -0.99 0.00	34.06 -0.14 0.00	30.45 0.00 0.00
LOCKPORT___CC2 323770	30.26 -0.25 0.00	27.73 -0.34 0.00	25.41 -0.41 0.00	22.31 -0.46 0.00	22.97 -0.35 0.00	26.24 -0.76 0.00	32.94 -1.52 0.00	33.70 -2.19 0.00	31.08 -1.57 0.00	24.76 -0.92 0.00	26.12 -0.97 0.00	26.57 -0.94 0.00	28.85 -1.11 0.00	31.20 -1.30 0.00	32.30 -1.31 0.00	34.40 -1.66 0.00	39.78 -1.53 0.00	51.63 -2.83 0.00	56.90 -2.18 0.00	54.62 -2.28 0.00	48.99 -1.21 0.00	38.52 -0.99 0.00	34.06 -0.14 0.00	30.45 0.00 0.00
LOCKPORT___CC3 323771	30.26 -0.25 0.00	27.73 -0.34 0.00	25.41 -0.41 0.00	22.31 -0.46 0.00	22.97 -0.35 0.00	26.24 -0.76 0.00	32.94 -1.52 0.00	33.70 -2.19 0.00	31.08 -1.57 0.00	24.76 -0.92 0.00	26.12 -0.97 0.00	26.57 -0.94 0.00	28.85 -1.11 0.00	31.20 -1.30 0.00	32.30 -1.31 0.00	34.40 -1.66 0.00	39.78 -1.53 0.00	51.63 -2.83 0.00	56.90 -2.18 0.00	54.62 -2.28 0.00	48.99 -1.21 0.00	38.52 -0.99 0.00	34.06 -0.14 0.00	30.45 0.00 0.00
LOCUSVLY_69_KV_BK2 55797	31.86 1.34 -0.01	29.22 1.15 -0.01	26.66 0.83 -0.01	23.36 0.59 0.00	24.00 0.68 0.00	27.86 0.86 0.00	36.01 1.55 0.00	37.65 1.76 0.00	34.54 1.89 0.00	27.82 1.90 -0.23	34.33 2.09 -5.16	34.68 2.20 -4.98	38.66 2.46 -6.25	44.04 2.53 -9.01	47.09 2.66 -10.82	52.07 2.78 -13.23	57.45 3.02 -13.13	66.74 3.59 -8.68	72.45 3.49 -9.88	66.68 3.24 -6.55	57.91 2.56 -5.15	48.90 2.49 -6.90	45.79 1.98 -9.61	32.22 1.64 -0.13
LONG_LAKE_PHOENIX 24014	29.84 -0.67 0.00	27.45 -0.62 0.00	25.23 -0.59 0.00	22.27 -0.50 0.00	22.81 -0.51 0.00	26.40 -0.59 0.00	33.77 -0.69 0.00	35.25 -0.65 0.00	32.06 -0.59 0.00	25.20 -0.49 0.00	26.57 -0.51 0.00	26.98 -0.52 0.00	29.36 -0.60 0.00	31.88 -0.62 0.00	32.98 -0.64 0.00	35.41 -0.65 0.00	40.52 -0.78 0.00	53.49 -0.98 0.00	58.20 -0.89 0.00	56.10 -0.80 0.00	49.54 -0.65 0.00	38.87 -0.63 0.00	33.79 -0.41 0.00	29.99 -0.46 0.00
LOVETT___3 23632	31.12 0.61 0.00	28.60 0.53 0.00	26.29 0.46 0.00	23.13 0.36 0.00	23.77 0.44 0.00	27.51 0.51 0.00	35.53 1.07 0.00	37.15 1.26 0.00	33.98 1.34 0.00	27.09 1.21 -0.20	28.88 1.30 -0.49	29.45 1.40 -0.54	32.52 1.59 -0.97	35.09 1.66 -0.94	36.30 1.71 -0.97	38.76 1.84 -0.86	43.53 1.98 -0.24	57.30 2.40 -0.44	61.37 2.19 -0.10	58.83 1.93 0.00	51.70 1.51 0.00	40.96 1.46 0.00	35.22 1.03 0.00	31.21 0.76 0.00
LOVETT___4 23642	31.12 0.61 0.00	28.60 0.53 0.00	26.29 0.46 0.00	23.13 0.36 0.00	23.77 0.44 0.00	27.51 0.51 0.00	35.53 1.07 0.00	37.15 1.26 0.00	33.98 1.34 0.00	27.09 1.21 -0.20	28.88 1.30 -0.49	29.45 1.40 -0.54	32.52 1.59 -0.97	35.09 1.66 -0.94	36.30 1.71 -0.97	38.76 1.84 -0.86	43.53 1.98 -0.24	57.30 2.40 -0.44	61.37 2.19 -0.10	58.83 1.93 0.00	51.70 1.51 0.00	40.96 1.46 0.00	35.22 1.03 0.00	31.21 0.76 0.00
LOVETT___5 23593	31.12 0.61 0.00	28.60 0.53 0.00	26.29 0.46 0.00	23.13 0.36 0.00	23.77 0.44 0.00	27.51 0.51 0.00	35.53 1.07 0.00	37.15 1.26 0.00	33.98 1.34 0.00	27.09 1.21 -0.20	28.88 1.30 -0.49	29.45 1.40 -0.54	32.52 1.59 -0.97	35.09 1.66 -0.94	36.30 1.71 -0.97	38.76 1.84 -0.86	43.53 1.98 -0.24	57.30 2.40 -0.44	61.37 2.19 -0.10	58.83 1.93 0.00	51.70 1.51 0.00	40.96 1.46 0.00	35.22 1.03 0.00	31.21 0.76 0.00
LOWER RAQUET___HYD 24057	31.52 1.01 0.00	28.99 0.92 0.00	26.75 0.93 0.00	23.56 0.80 0.00	24.16 0.84 0.00	28.02 1.03 0.00	35.56 1.10 0.00	37.11 1.22 0.00	33.46 0.82 0.00	26.20 0.51 0.00	27.63 0.54 0.00	27.97 0.47 0.00	30.46 0.51 0.00	33.11 0.62 0.00	34.25 0.64 0.00	36.64 0.58 0.00	41.93 0.62 0.00	55.61 1.15 0.00	60.50 1.42 0.00	58.20 1.31 0.00	51.65 1.46 0.00	40.45 0.95 0.00	35.16 0.96 0.00	31.40 0.95 0.00
LOWER___HUDSON 24059	31.21 0.70 0.00	28.71 0.65 0.00	26.44 0.62 0.00	23.34 0.57 0.00	23.91 0.58 0.00	27.70 0.70 0.00	35.49 1.03 0.00	36.97 1.08 0.00	33.66 1.01 0.00	26.21 0.77 0.25	27.23 0.76 0.61	27.63 0.80 0.67	29.61 0.87 1.22	32.24 0.91 1.17	33.34 0.94 1.21	36.00 1.01 1.07	42.08 1.07 0.30	55.33 1.41 0.55	60.44 1.48 0.12	58.43 1.54 0.00	51.40 1.20 0.00	40.61 1.10 0.00	35.05 0.86 0.00	31.27 0.82 0.00
LOWVILLE_115KV_TB2 356335	31.30 0.79 0.00	28.88 0.81 0.00	26.62 0.80 0.00	23.47 0.71 0.00	24.09 0.77 0.00	27.94 0.94 0.00	35.63 1.17 0.00	37.33 1.44 0.00	33.62 0.98 0.00	26.23 0.54 0.00	27.63 0.54 0.00	27.95 0.44 0.00	30.41 0.45 0.00	33.15 0.65 0.00	34.39 0.77 0.00	36.96 0.90 0.00	42.50 1.20 0.00	56.43 1.96 0.00	61.63 2.54 0.00	59.57 2.67 0.00	52.66 2.46 0.00	41.12 1.62 0.00	35.43 1.23 0.00	31.46 1.00 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.61 1.10 0.00	29.05 0.98 0.00	26.78 0.96 0.00	23.61 0.84 0.00	24.16 0.84 0.00	28.02 1.03 0.00	35.94 1.48 0.00	37.40 1.51 0.00	33.98 1.34 0.00	26.42 0.92 0.19	27.43 0.81 0.47	27.81 0.83 0.52	29.89 0.87 0.94	32.54 0.94 0.90	33.76 1.08 0.94	36.21 0.97 0.82	42.23 1.16 0.23	55.73 1.69 0.42	61.00 2.01 0.10	59.17 2.28 0.00	52.05 1.86 0.00	41.00 1.50 0.00	35.40 1.20 0.00	31.70 1.25 0.00

LUTHERNY_35_KV_BK2 355980	31.64 1.13 0.00	29.07 1.01 0.00	26.80 0.98 0.00	23.63 0.87 0.00	24.19 0.86 0.00	28.05 1.05 0.00	35.97 1.52 0.00	37.43 1.54 0.00	33.98 1.34 0.00	26.42 0.92 0.19	27.46 0.84 0.47	27.81 0.83 0.52	29.89 0.87 0.94	32.54 0.94 0.90	33.76 1.08 0.94	36.25 1.01 0.82	42.23 1.16 0.23	55.73 1.69 0.42	61.06 2.07 0.10	59.23 2.33 0.00	52.10 1.91 0.00	41.04 1.54 0.00	35.40 1.20 0.00	31.70 1.25 0.00
LWR___OSWEGATCHIE_HYD 23850	31.36 0.85 0.00	28.91 0.84 0.00	26.65 0.83 0.00	23.50 0.73 0.00	24.12 0.79 0.00	27.97 0.97 0.00	35.56 1.10 0.00	37.18 1.29 0.00	33.49 0.85 0.00	26.18 0.49 0.00	27.58 0.49 0.00	27.89 0.39 0.00	30.38 0.42 0.00	33.08 0.58 0.00	34.25 0.64 0.00	36.75 0.69 0.00	42.13 0.83 0.00	55.99 1.53 0.00	61.04 1.95 0.00	58.88 1.99 0.00	52.15 1.96 0.00	40.77 1.26 0.00	35.29 1.09 0.00	31.40 0.94 0.00
LYONS_FALL_HYD 23570	31.18 0.67 0.00	28.74 0.67 0.00	26.49 0.67 0.00	23.36 0.59 0.00	23.98 0.65 0.00	27.81 0.81 0.00	35.49 1.03 0.00	37.11 1.22 0.00	33.49 0.85 0.00	26.17 0.49 0.00	27.60 0.51 0.00	27.92 0.41 0.00	30.41 0.45 0.00	33.11 0.62 0.00	34.35 0.74 0.00	36.89 0.83 0.00	42.42 1.12 0.00	56.16 1.69 0.00	61.27 2.19 0.00	59.23 2.33 0.00	52.30 2.11 0.00	40.92 1.42 0.00	35.26 1.06 0.00	31.30 0.85 0.00
MADISON___COUNTY_LFGE 323628	31.03 0.52 0.00	28.57 0.51 0.00	26.34 0.52 0.00	23.22 0.46 0.00	23.84 0.51 0.00	27.59 0.59 0.00	35.25 0.79 0.00	36.86 0.97 0.00	33.36 0.72 0.00	26.12 0.44 0.00	27.55 0.46 0.00	27.92 0.41 0.00	30.38 0.42 0.00	33.08 0.58 0.00	34.29 0.67 0.00	36.82 0.76 0.00	42.26 0.95 0.00	55.88 1.42 0.00	60.92 1.83 0.00	58.77 1.88 0.00	51.90 1.71 0.00	40.65 1.15 0.00	35.09 0.89 0.00	31.15 0.70 0.00
MALONE___115KV_TB1 356076	31.76 1.25 0.00	29.21 1.15 0.00	26.91 1.08 0.00	23.72 0.96 0.00	24.23 0.91 0.00	28.10 1.11 0.00	35.77 1.31 0.00	37.94 2.05 0.00	34.21 1.57 0.00	26.79 1.10 0.00	28.25 1.16 0.00	28.58 1.07 0.00	31.18 1.23 0.00	33.86 1.36 0.00	34.96 1.34 0.00	37.57 1.51 0.00	43.25 1.94 0.00	57.79 3.32 0.00	62.81 3.72 0.00	60.19 3.30 0.00	53.31 3.11 0.00	41.28 1.78 0.00	35.77 1.57 0.00	31.97 1.52 0.00
MAPLEWOD_115KV_TB3 80458	31.18 0.67 0.00	28.71 0.65 0.00	26.44 0.62 0.00	23.31 0.55 0.00	23.88 0.56 0.00	27.64 0.65 0.00	35.46 1.00 0.00	36.93 1.04 0.00	33.66 1.01 0.00	26.27 0.77 0.19	27.44 0.81 0.47	27.82 0.83 0.51	29.93 0.90 0.92	32.55 0.94 0.89	33.70 1.01 0.92	36.37 1.12 0.81	42.32 1.24 0.22	55.58 1.53 0.41	60.59 1.60 0.09	58.54 1.65 0.00	51.50 1.31 0.00	40.69 1.19 0.00	35.09 0.89 0.00	31.24 0.79 0.00
MAPLE_RIDGE_WT_1 323574	30.60 0.09 0.00	28.15 0.08 0.00	25.90 0.08 0.00	22.84 0.07 0.00	23.37 0.05 0.00	27.05 0.05 0.00	34.49 0.03 0.00	35.93 0.04 0.00	32.68 0.03 0.00	25.71 0.03 0.00	27.12 0.03 0.00	27.53 0.03 0.00	29.99 0.03 0.00	32.53 0.03 0.00	33.65 0.03 0.00	36.10 0.04 0.00	41.35 0.04 0.00	54.52 0.05 0.00	59.15 0.06 0.00	56.95 0.06 0.00	50.30 0.10 0.00	39.54 0.04 0.00	34.23 0.03 0.00	30.48 0.03 0.00
MAPLE_RIDGE_WT_2 323611	30.60 0.09 0.00	28.15 0.08 0.00	25.90 0.08 0.00	22.84 0.07 0.00	23.37 0.05 0.00	27.05 0.05 0.00	34.49 0.03 0.00	35.93 0.04 0.00	32.68 0.03 0.00	25.71 0.03 0.00	27.12 0.03 0.00	27.53 0.03 0.00	29.99 0.03 0.00	32.53 0.03 0.00	33.65 0.03 0.00	36.10 0.04 0.00	41.35 0.04 0.00	54.52 0.05 0.00	59.15 0.06 0.00	56.95 0.06 0.00	50.30 0.10 0.00	39.54 0.04 0.00	34.23 0.03 0.00	30.48 0.03 0.00
MARBLE_RIVER_WT_PWR 323696	31.27 0.76 0.00	28.74 0.67 0.00	26.49 0.67 0.00	23.34 0.57 0.00	23.86 0.54 0.00	27.64 0.65 0.00	35.94 1.48 0.00	38.30 2.41 0.00	34.60 1.96 0.00	27.13 1.44 0.00	28.58 1.49 0.00	28.94 1.43 0.00	31.57 1.62 0.00	34.25 1.75 0.00	35.36 1.75 0.00	38.04 1.98 0.00	43.87 2.56 0.00	58.55 4.09 0.00	63.57 4.49 0.00	60.93 4.04 0.00	53.91 3.71 0.00	41.67 2.17 0.00	36.08 1.88 0.00	32.25 1.80 0.00
MARSHVLE_115KV_TB1 80742	31.76 1.25 0.00	29.16 1.09 0.00	26.88 1.06 0.00	23.70 0.93 0.00	24.26 0.93 0.00	28.24 1.24 0.00	36.25 1.79 0.00	37.36 1.47 0.00	33.33 0.69 0.00	25.68 0.10 0.11	26.71 -0.11 0.28	26.98 -0.22 0.30	29.14 -0.27 0.55	31.78 -0.19 0.52	33.04 -0.03 0.54	35.76 0.18 0.48	41.79 0.62 0.13	55.53 1.31 0.25	61.75 2.72 0.06	60.53 3.64 0.00	53.26 3.06 0.00	41.79 2.29 0.00	35.98 1.78 0.00	31.88 1.43 0.00
MARSH_HILL_WT_PWR 323713	30.85 0.34 0.00	28.34 0.28 0.00	26.00 0.18 0.00	22.97 0.20 0.00	23.53 0.21 0.00	27.13 0.14 0.00	34.63 0.17 0.00	35.60 -0.29 0.00	32.32 -0.33 0.00	25.48 -0.21 0.00	26.87 -0.22 0.00	27.34 -0.16 0.00	29.69 -0.27 0.00	32.24 -0.26 0.00	33.42 -0.20 0.00	35.85 -0.22 0.00	41.47 0.17 0.00	54.25 -0.22 0.00	59.85 0.77 0.00	57.75 0.85 0.00	51.45 1.26 0.00	40.17 0.67 0.00	35.26 1.06 0.00	31.27 0.82 0.00
MCINTYRE_115KV_TB2 80467	31.91 1.40 0.00	29.38 1.32 0.00	27.11 1.29 0.00	23.88 1.12 0.00	24.47 1.14 0.00	28.35 1.35 0.00	35.94 1.48 0.00	37.47 1.58 0.00	33.69 1.04 0.00	26.30 0.62 0.00	27.71 0.62 0.00	28.03 0.52 0.00	30.53 0.57 0.00	33.21 0.71 0.00	34.39 0.77 0.00	36.89 0.83 0.00	42.38 1.07 0.00	56.48 2.02 0.00	61.57 2.48 0.00	59.28 2.39 0.00	52.56 2.36 0.00	41.00 1.50 0.00	35.46 1.27 0.00	31.67 1.22 0.00
MECO_____69_KV_BK1 80468	32.10 1.59 0.00	29.44 1.38 0.00	27.17 1.34 0.00	23.95 1.18 0.00	24.51 1.19 0.00	28.54 1.54 0.00	36.63 2.17 0.00	37.87 1.97 0.00	33.88 1.24 0.00	26.03 0.46 0.12	26.92 0.14 0.30	27.17 0.00 0.33	29.29 -0.06 0.60	31.95 0.03 0.58	33.32 0.30 0.60	36.18 0.65 0.53	42.40 1.24 0.15	56.43 2.23 0.27	62.63 3.60 0.06	61.22 4.32 0.00	53.86 3.66 0.00	42.23 2.73 0.00	36.35 2.15 0.00	32.22 1.77 0.00
MENANDS___115KV_TB5 355628	31.09 0.58 0.00	28.63 0.56 0.00	26.37 0.54 0.00	23.25 0.48 0.00	23.84 0.51 0.00	27.59 0.59 0.00	35.39 0.93 0.00	36.86 0.97 0.00	33.59 0.95 0.00	26.24 0.74 0.19	27.41 0.79 0.47	27.82 0.83 0.51	29.93 0.90 0.92	32.52 0.91 0.89	33.67 0.97 0.92	36.33 1.08 0.81	42.24 1.16 0.22	55.47 1.42 0.41	60.41 1.42 0.09	58.32 1.42 0.00	51.30 1.10 0.00	40.57 1.07 0.00	34.99 0.79 0.00	31.18 0.73 0.00
MG INDUSTRY___DRP 24185	31.15 0.64 0.00	28.65 0.59 0.00	26.39 0.57 0.00	23.27 0.50 0.00	23.84 0.51 0.00	27.59 0.59 0.00	35.32 0.86 0.00	36.72 0.83 0.00	33.36 0.72 0.00	26.14 0.57 0.12	27.40 0.60 0.29	27.83 0.63 0.31	30.08 0.69 0.57	32.67 0.71 0.54	33.79 0.74 0.57	36.39 0.83 0.50	42.08 0.91 0.14	55.36 1.14 0.25	60.27 1.24 0.06	58.09 1.19 0.00	51.20 1.00 0.00	40.45 0.95 0.00	34.95 0.75 0.00	31.12 0.67 0.00

MID___OSWEGATCHIE_HYD 23849	31.36 0.85 0.00	28.91 0.84 0.00	26.65 0.83 0.00	23.50 0.73 0.00	24.12 0.79 0.00	27.97 0.97 0.00	35.56 1.10 0.00	37.18 1.29 0.00	33.49 0.85 0.00	26.18 0.49 0.00	27.58 0.49 0.00	27.89 0.39 0.00	30.38 0.42 0.00	33.08 0.58 0.00	34.25 0.64 0.00	36.75 0.69 0.00	42.13 0.83 0.00	55.99 1.53 0.00	61.04 1.95 0.00	58.88 1.99 0.00	52.15 1.96 0.00	40.77 1.26 0.00	35.29 1.09 0.00	31.40 0.94 0.00
MID___RAQUETTE_HYD 23851	31.52 1.01 0.00	28.99 0.93 0.00	26.75 0.93 0.00	23.57 0.80 0.00	24.16 0.84 0.00	28.02 1.03 0.00	35.56 1.10 0.00	37.11 1.22 0.00	33.46 0.82 0.00	26.20 0.51 0.00	27.63 0.54 0.00	27.97 0.47 0.00	30.47 0.51 0.00	33.12 0.62 0.00	34.25 0.64 0.00	36.64 0.58 0.00	41.93 0.62 0.00	55.61 1.14 0.00	60.50 1.42 0.00	58.20 1.31 0.00	51.65 1.46 0.00	40.45 0.95 0.00	35.16 0.96 0.00	31.40 0.94 0.00
MILLIKEN___1 23584	30.75 0.24 0.00	28.29 0.22 0.00	26.00 0.18 0.00	22.95 0.18 0.00	23.51 0.19 0.00	27.21 0.22 0.00	34.87 0.41 0.00	36.32 0.43 0.00	32.94 0.29 0.00	25.84 0.15 0.00	27.23 0.14 0.00	27.64 0.14 0.00	30.05 0.09 0.00	32.66 0.16 0.00	33.82 0.20 0.00	36.38 0.32 0.00	41.80 0.50 0.00	55.23 0.76 0.00	60.33 1.24 0.00	58.20 1.31 0.00	51.45 1.25 0.00	40.21 0.71 0.00	34.95 0.75 0.00	30.97 0.52 0.00
MILLIKEN___2 23585	30.75 0.24 0.00	28.29 0.22 0.00	26.00 0.18 0.00	22.95 0.18 0.00	23.51 0.19 0.00	27.21 0.22 0.00	34.87 0.41 0.00	36.32 0.43 0.00	32.94 0.29 0.00	25.84 0.15 0.00	27.23 0.14 0.00	27.64 0.14 0.00	30.05 0.09 0.00	32.66 0.16 0.00	33.82 0.20 0.00	36.38 0.32 0.00	41.80 0.50 0.00	55.23 0.76 0.00	60.33 1.24 0.00	58.20 1.31 0.00	51.45 1.25 0.00	40.21 0.71 0.00	34.95 0.75 0.00	30.97 0.52 0.00
MILLIKEN___DIESEL 23629	30.75 0.24 0.00	28.29 0.22 0.00	26.00 0.18 0.00	22.95 0.18 0.00	23.51 0.19 0.00	27.21 0.22 0.00	34.87 0.41 0.00	36.32 0.43 0.00	32.94 0.29 0.00	25.84 0.15 0.00	27.23 0.14 0.00	27.64 0.14 0.00	30.05 0.09 0.00	32.66 0.16 0.00	33.82 0.20 0.00	36.38 0.32 0.00	41.80 0.50 0.00	55.23 0.76 0.00	60.33 1.24 0.00	58.20 1.31 0.00	51.45 1.25 0.00	40.21 0.71 0.00	34.95 0.75 0.00	30.97 0.52 0.00
MILLSEAT___LFGE 323607	30.82 0.31 0.00	28.23 0.17 0.00	25.82 0.00 0.00	22.75 -0.02 0.00	23.39 0.07 0.00	26.78 -0.22 0.00	33.73 -0.73 0.00	34.71 -1.18 0.00	31.89 -0.75 0.00	25.28 -0.41 0.00	26.66 -0.43 0.00	27.09 -0.41 0.00	29.42 -0.54 0.00	31.88 -0.62 0.00	33.04 -0.57 0.00	35.30 -0.76 0.00	40.93 -0.37 0.00	53.38 -1.09 0.00	58.85 -0.24 0.00	56.61 0.45 0.00	50.65 0.45 0.00	39.62 0.12 0.00	34.82 0.62 0.00	31.00 0.55 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.18 0.67 0.00	28.68 0.62 0.00	26.37 0.54 0.00	23.18 0.41 0.00	23.84 0.51 0.00	27.59 0.59 0.00	35.63 1.17 0.00	37.26 1.36 0.00	34.08 1.44 0.00	27.19 1.28 -0.22	29.01 1.38 -0.54	29.58 1.49 -0.59	32.70 1.68 -1.07	35.28 1.75 -1.02	36.49 1.82 -1.06	38.94 1.95 -0.94	43.67 2.11 -0.26	57.50 2.56 -0.48	61.56 2.36 -0.11	59.00 2.11 0.00	51.80 1.61 0.00	41.08 1.58 0.00	35.29 1.09 0.00	31.30 0.85 0.00
MILLWOOD_13_KV_LOAD 356217	31.24 0.73 0.00	28.77 0.70 0.00	26.42 0.59 0.00	23.22 0.46 0.00	23.86 0.54 0.00	27.62 0.62 0.00	35.70 1.24 0.00	37.36 1.47 0.00	34.18 1.53 0.00	27.24 1.34 -0.22	29.06 1.44 -0.54	29.63 1.54 -0.59	32.76 1.74 -1.07	35.34 1.82 -1.02	36.56 1.88 -1.06	39.05 2.06 -0.94	43.75 2.19 -0.26	57.67 2.72 -0.48	61.74 2.54 -0.11	59.17 2.28 0.00	51.95 1.76 0.00	41.16 1.66 0.00	35.40 1.20 0.00	31.33 0.88 0.00
MODEL_CITY_ENERGY 24167	30.08 -0.43 0.00	27.56 -0.50 0.00	25.25 -0.57 0.00	22.11 -0.66 0.00	22.83 -0.49 0.00	25.97 -1.03 0.00	32.56 -1.90 0.00	33.34 -2.55 0.00	30.75 -1.89 0.00	24.51 -1.18 0.00	25.84 -1.25 0.00	26.32 -1.18 0.00	28.58 -1.38 0.00	30.87 -1.62 0.00	31.97 -1.65 0.00	34.04 -2.02 0.00	39.32 -1.98 0.00	51.04 -3.43 0.00	56.19 -2.89 0.00	53.99 -2.90 0.00	48.44 -1.76 0.00	38.12 -1.38 0.00	33.72 -0.48 0.00	30.24 -0.21 0.00
MODERN_LFGE___ 323580	30.08 -0.43 0.00	27.56 -0.50 0.00	25.25 -0.57 0.00	22.11 -0.66 0.00	22.83 -0.49 0.00	25.97 -1.03 0.00	32.56 -1.90 0.00	33.34 -2.55 0.00	30.75 -1.89 0.00	24.51 -1.18 0.00	25.84 -1.25 0.00	26.32 -1.18 0.00	28.58 -1.38 0.00	30.87 -1.62 0.00	31.97 -1.65 0.00	34.04 -2.02 0.00	39.32 -1.98 0.00	51.04 -3.43 0.00	56.19 -2.89 0.00	53.99 -2.90 0.00	48.44 -1.76 0.00	38.12 -1.38 0.00	33.72 -0.48 0.00	30.24 -0.21 0.00
MOHAWK_PAPER___DRP 24187	31.18 0.67 0.00	28.71 0.65 0.00	26.44 0.62 0.00	23.31 0.55 0.00	23.88 0.56 0.00	27.64 0.65 0.00	35.46 1.00 0.00	36.93 1.04 0.00	33.66 1.01 0.00	26.27 0.77 0.19	27.44 0.81 0.47	27.82 0.83 0.51	29.93 0.90 0.92	32.55 0.94 0.89	33.70 1.01 0.92	36.37 1.12 0.81	42.32 1.24 0.22	55.58 1.53 0.41	60.59 1.60 0.09	58.54 1.65 0.00	51.50 1.31 0.00	40.69 1.19 0.00	35.09 0.89 0.00	31.24 0.79 0.00
MOHICAN___35_KV_115KV_LD 80490	32.04 1.53 0.00	29.41 1.35 0.00	27.11 1.29 0.00	23.91 1.14 0.00	24.44 1.12 0.00	28.40 1.40 0.00	36.46 2.00 0.00	37.94 2.05 0.00	34.44 1.80 0.00	26.71 1.21 0.19	27.57 0.95 0.46	27.93 0.94 0.51	29.99 0.96 0.92	32.66 1.04 0.88	33.91 1.21 0.92	36.01 0.76 0.81	41.99 0.91 0.22	55.69 1.63 0.41	61.18 2.19 0.09	59.51 2.62 0.00	52.36 2.16 0.00	41.12 1.62 0.00	35.46 1.27 0.00	32.10 1.64 0.00
MONGAUP___HYD 23641	31.18 0.67 0.00	28.71 0.65 0.00	26.29 0.47 0.00	23.15 0.39 0.00	23.77 0.44 0.00	27.56 0.57 0.00	35.49 1.03 0.00	36.97 1.08 0.00	33.59 0.95 0.00	26.62 0.77 -0.16	28.30 0.81 -0.40	28.79 0.85 -0.43	31.76 1.02 -0.79	34.29 1.04 -0.76	35.54 1.14 -0.78	38.05 1.30 -0.69	42.98 1.48 -0.19	57.00 2.18 -0.35	61.53 2.37 -0.08	59.06 2.16 0.00	51.95 1.76 0.00	41.00 1.50 0.00	35.22 1.03 0.00	31.27 0.82 0.00
MONTAUK___DIESEL 23721	32.09 1.59 0.00	29.43 1.38 0.00	26.72 0.90 0.00	23.36 0.59 0.00	23.95 0.63 0.00	27.83 0.84 0.00	35.97 1.52 0.00	37.65 1.76 0.00	34.50 1.86 0.00	27.88 1.98 -0.22	31.10 2.38 -1.63	31.61 2.48 -1.62	34.80 2.55 -2.30	37.98 2.57 -2.91	39.94 2.96 -3.37	43.40 3.50 -3.85	48.50 3.92 -3.27	61.46 4.68 -2.31	65.83 4.37 -2.37	62.18 3.75 -1.53	54.06 2.66 -1.20	43.72 2.61 -1.61	38.16 1.74 -2.21	32.03 1.55 -0.02
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.78 0.27 0.00	28.23 0.17 0.00	25.85 0.03 0.00	22.81 0.05 0.00	23.42 0.09 0.00	26.86 -0.13 0.00	34.35 -0.10 0.00	35.07 -0.83 0.00	32.19 -0.46 0.00	25.66 -0.03 0.00	27.23 0.14 0.22	27.73 0.15 0.00	30.11 0.16 0.00	32.66 0.17 0.00	33.78 0.17 0.00	36.02 -0.04 0.00	41.43 0.12 0.00	54.25 -0.22 0.00	59.74 0.65 0.00	57.29 0.40 0.00	51.20 1.00 0.00	39.78 0.28 0.00	35.29 1.09 0.00	31.18 0.73 0.00

MORRIS RIDGE___SOLAR 323848	30.45 -0.06 0.00	27.95 -0.11 0.00	25.64 -0.18 0.00	22.63 -0.14 0.00	23.21 -0.12 0.00	26.70 -0.30 0.00	33.91 -0.55 0.00	34.71 -1.18 0.00	31.57 -1.08 0.00	24.97 -0.72 0.00	26.33 -0.76 0.00	26.82 -0.69 0.00	29.15 -0.81 0.00	31.62 -0.88 0.00	32.78 -0.84 0.00	35.05 -1.01 0.00	40.52 -0.79 0.00	52.94 -1.52 0.00	58.38 -0.71 0.00	56.32 -0.57 0.00	50.30 0.10 0.00	39.38 -0.12 0.00	34.64 0.44 0.00	30.76 0.30 0.00
MORTIMER_115KV_TB3 55949	30.33 -0.18 0.00	27.84 -0.22 0.00	25.49 -0.34 0.00	22.56 -0.20 0.00	23.09 -0.23 0.00	26.70 -0.30 0.00	33.87 -0.59 0.00	35.21 -0.68 0.00	32.25 -0.39 0.00	25.41 -0.28 0.00	26.79 -0.30 0.00	27.23 -0.28 0.00	29.60 -0.36 0.00	32.14 -0.36 0.00	33.28 -0.34 0.00	35.70 -0.36 0.00	41.02 -0.29 0.00	54.19 -0.27 0.00	59.26 0.18 0.00	57.12 0.23 0.00	50.70 0.50 0.00	39.54 0.04 0.00	34.54 0.34 0.00	30.60 0.15 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.39 0.88 0.00	28.85 0.79 0.00	26.49 0.67 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.54 1.65 0.00	34.41 1.76 0.00	27.50 1.59 -0.22	29.35 1.71 -0.55	29.93 1.82 -0.61	33.12 2.07 -1.10	35.70 2.14 -1.05	36.93 2.22 -1.09	39.40 2.38 -0.96	44.09 2.52 -0.27	58.06 3.10 -0.49	62.09 2.90 -0.11	59.45 2.56 0.00	52.15 1.96 0.00	41.40 1.90 0.00	35.57 1.37 0.00	31.52 1.07 0.00
MUNSVILLE_WIND_PWR 323609	32.19 1.68 0.00	29.72 1.66 0.00	27.42 1.60 0.00	24.18 1.41 0.00	24.86 1.54 0.00	28.81 1.81 0.00	36.87 2.41 0.00	38.55 2.66 0.00	34.60 1.96 0.00	26.90 1.21 0.00	28.31 1.22 0.00	28.66 1.16 0.00	31.12 1.17 0.00	34.06 1.56 0.00	35.46 1.85 0.00	38.19 2.13 0.00	44.20 2.89 0.00	58.60 4.14 0.00	64.46 5.38 0.00	62.53 5.63 0.00	55.37 5.17 0.00	43.13 3.63 0.00	37.00 2.80 0.00	32.67 2.22 0.00
N SALMON___HYD 24042	31.76 1.25 0.00	29.21 1.15 0.00	26.91 1.08 0.00	23.72 0.96 0.00	24.23 0.91 0.00	28.10 1.11 0.00	35.73 1.28 0.00	37.94 2.04 0.00	34.21 1.57 0.00	26.79 1.10 0.00	28.25 1.16 0.00	28.58 1.07 0.00	31.18 1.23 0.00	33.86 1.36 0.00	34.96 1.35 0.00	37.57 1.51 0.00	43.25 1.94 0.00	57.79 3.32 0.00	62.81 3.72 0.00	60.19 3.30 0.00	53.31 3.11 0.00	41.28 1.78 0.00	35.77 1.57 0.00	31.97 1.52 0.00
N.AKRON__115KV_KNAPP 355671	30.78 0.27 0.00	28.23 0.17 0.00	25.80 -0.03 0.00	22.75 -0.02 0.00	23.39 0.07 0.00	26.78 -0.22 0.00	33.73 -0.72 0.00	34.64 -1.26 0.00	31.93 -0.72 0.00	25.28 -0.41 0.00	26.66 -0.43 0.00	27.09 -0.41 0.00	29.42 -0.54 0.00	31.91 -0.58 0.00	33.04 -0.57 0.00	35.30 -0.76 0.00	40.52 -0.78 0.00	53.54 -0.93 0.00	58.91 -0.18 0.00	56.67 -0.23 0.00	50.65 0.45 0.00	39.38 -0.12 0.00	34.81 0.62 0.00	30.97 0.52 0.00
N.E_GEN_SANDY PD 24062	30.94 0.43 0.00	28.49 0.42 0.00	26.23 0.41 0.00	23.15 0.39 0.00	23.77 0.44 0.00	27.46 0.46 0.00	35.25 0.79 0.00	36.75 0.86 0.00	33.52 0.88 0.00	25.10 0.77 1.36	24.53 0.81 3.37	24.70 0.88 3.69	24.30 1.02 6.68	27.10 1.01 6.41	28.00 1.04 6.66	31.31 1.12 5.87	40.80 1.12 1.62	52.88 1.41 3.00	59.65 1.24 0.68	58.03 1.14 0.00	50.95 0.75 0.00	40.41 0.91 0.00	34.82 0.62 0.00	31.00 0.55 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.12 0.61 0.00	28.63 0.56 0.00	26.29 0.46 0.00	23.13 0.36 0.00	23.77 0.44 0.00	27.54 0.54 0.00	35.56 1.10 0.00	37.15 1.26 0.00	33.98 1.34 0.00	27.06 1.18 -0.19	28.87 1.30 -0.48	29.41 1.38 -0.53	32.50 1.59 -0.96	35.04 1.62 -0.92	36.25 1.68 -0.96	38.71 1.80 -0.84	43.52 1.98 -0.23	57.29 2.40 -0.43	61.43 2.25 -0.10	58.88 1.99 0.00	51.75 1.56 0.00	41.00 1.50 0.00	35.26 1.06 0.00	31.24 0.79 0.00
N.QUEENS_27_KV_LOAD 356247	31.58 1.07 0.00	28.88 0.81 0.00	26.57 0.75 0.00	23.27 0.50 0.00	24.02 0.70 0.00	27.59 0.59 0.00	35.80 1.34 0.00	37.43 1.54 0.00	34.41 1.76 0.00	27.64 1.75 -0.21	29.49 1.84 -0.55	30.01 1.90 -0.61	33.30 2.25 -1.10	35.87 2.34 -1.04	37.08 2.39 -1.08	39.44 2.42 -0.96	44.47 2.89 -0.28	58.44 3.43 -0.55	62.46 3.25 -0.12	59.17 2.28 0.00	51.80 1.61 0.00	41.12 1.62 0.00	35.64 1.44 0.00	31.49 1.04 0.00
N.TROY___115KV_TB1 355778	31.21 0.70 0.00	28.71 0.65 0.00	26.44 0.62 0.00	23.34 0.57 0.00	23.91 0.58 0.00	27.70 0.70 0.00	35.49 1.03 0.00	36.97 1.08 0.00	33.66 1.01 0.00	26.21 0.77 0.25	27.23 0.76 0.61	27.63 0.80 0.67	29.61 0.87 1.22	32.24 0.91 1.17	33.34 0.94 1.21	36.00 1.01 1.07	42.13 1.12 0.30	55.34 1.42 0.55	60.44 1.48 0.12	58.43 1.54 0.00	51.40 1.20 0.00	40.65 1.15 0.00	35.05 0.85 0.00	31.27 0.82 0.00
NARROWS_GT1_1 24228	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NARROWS_GT1_2 24229	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NARROWS_GT1_3 24230	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NARROWS_GT1_4 24231	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NARROWS_GT1_5 24232	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00

NARROWS_GT1_6 24233	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NARROWS_GT1_7 24234	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NARROWS_GT1_8 24235	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NARROWS_GT2_1 24236	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NARROWS_GT2_2 24237	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NARROWS_GT2_3 24238	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NARROWS_GT2_4 24239	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NARROWS_GT2_5 24240	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NARROWS_GT2_6 24241	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NARROWS_GT2_7 24242	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NARROWS_GT2_8 24243	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.64 1.13 0.00	29.10 1.04 0.00	26.73 0.90 0.00	23.59 0.82 0.00	24.12 0.79 0.00	28.02 1.03 0.00	35.91 1.45 0.00	37.36 1.47 0.00	33.59 0.95 0.00	26.61 0.92 0.00	27.98 0.89 0.00	28.41 0.91 0.00	31.03 1.08 0.00	33.64 1.14 0.00	34.93 1.31 0.00	37.61 1.55 0.00	43.33 2.02 0.00	57.73 3.27 0.00	63.10 4.02 0.00	59.80 2.90 0.00	52.66 2.46 0.00	41.60 2.09 0.00	35.64 1.44 0.00	31.82 1.37 0.00
NCHELSEA_115KV_TR2 355582	31.30 0.79 0.00	28.82 0.76 0.00	26.44 0.62 0.00	23.27 0.50 0.00	23.91 0.58 0.00	27.70 0.70 0.00	35.70 1.24 0.00	37.29 1.40 0.00	33.98 1.34 0.00	26.99 1.13 -0.18	28.75 1.22 -0.44	29.28 1.29 -0.48	32.32 1.50 -0.86	34.89 1.56 -0.83	36.12 1.65 -0.86	38.59 1.77 -0.76	43.50 1.98 -0.21	57.41 2.56 -0.39	61.77 2.60 -0.09	59.23 2.33 0.00	52.05 1.86 0.00	41.20 1.70 0.00	35.40 1.20 0.00	31.43 0.97 0.00
NEG CAPITAL____MECHNVIL 23645	31.61 1.10 0.00	29.05 0.98 0.00	26.78 0.96 0.00	23.61 0.84 0.00	24.19 0.86 0.00	28.05 1.05 0.00	35.97 1.51 0.00	37.40 1.51 0.00	34.01 1.37 0.00	26.43 0.95 0.21	27.46 0.89 0.52	27.84 0.91 0.57	29.88 0.96 1.04	32.54 1.04 1.00	33.72 1.14 1.04	36.27 1.12 0.91	42.34 1.28 0.25	55.90 1.91 0.47	61.17 2.19 0.11	59.28 2.39 0.00	52.15 1.96 0.00	41.08 1.58 0.00	35.47 1.27 0.00	31.70 1.25 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.78 -0.73 0.00	27.33 -0.73 0.00	25.05 -0.77 0.00	22.18 -0.59 0.00	22.67 -0.65 0.00	26.24 -0.76 0.00	33.39 -1.07 0.00	34.71 -1.18 0.00	31.66 -0.98 0.00	24.92 -0.77 0.00	26.30 -0.79 0.00	26.71 -0.80 0.00	29.06 -0.90 0.00	31.55 -0.94 0.00	32.67 -0.94 0.00	35.09 -0.97 0.00	40.44 -0.87 0.00	53.11 -1.36 0.00	58.08 -1.00 0.00	55.93 -0.97 0.00	49.65 -0.55 0.00	38.83 -0.67 0.00	33.79 -0.41 0.00	29.93 -0.52 0.00

NEG CENTRAL___DRP 24199	30.42 -0.09 0.00	27.98 -0.08 0.00	25.67 -0.15 0.00	22.68 -0.09 0.00	23.23 -0.09 0.00	26.89 -0.11 0.00	34.42 -0.03 0.00	35.78 -0.11 0.00	32.51 -0.13 0.00	25.56 -0.13 0.00	26.95 -0.14 0.00	27.34 -0.17 0.00	29.72 -0.24 0.00	32.34 -0.16 0.00	33.45 -0.17 0.00	35.95 -0.11 0.00	41.22 -0.08 0.00	54.41 -0.05 0.00	59.50 0.41 0.00	57.35 0.46 0.00	50.75 0.55 0.00	39.62 0.12 0.00	34.58 0.38 0.00	30.63 0.18 0.00
NEG CENTRAL___INDECK 23768	31.42 0.91 0.00	28.85 0.78 0.00	26.39 0.57 0.00	23.36 0.59 0.00	23.91 0.58 0.00	27.62 0.62 0.00	35.21 0.76 0.00	36.46 0.57 0.00	33.07 0.42 0.00	25.89 0.20 0.00	27.28 0.19 0.00	27.64 0.14 0.00	30.02 0.06 0.00	32.66 0.16 0.00	33.88 0.27 0.00	36.49 0.43 0.00	42.42 1.12 0.00	55.88 1.41 0.00	61.81 2.72 0.00	59.62 2.73 0.00	53.06 2.86 0.00	41.28 1.78 0.00	35.98 1.78 0.00	31.79 1.34 0.00
NEG CENTRAL___SENECA 23627	30.60 0.09 0.00	28.12 0.06 0.00	25.80 -0.03 0.00	22.81 0.05 0.00	23.35 0.02 0.00	27.02 0.03 0.00	34.60 0.14 0.00	35.89 0.00 0.00	32.61 -0.03 0.00	25.64 -0.05 0.00	27.04 -0.05 0.00	27.42 -0.08 0.00	29.81 -0.15 0.00	32.40 -0.10 0.00	33.55 -0.07 0.00	36.10 0.04 0.00	41.35 0.04 0.00	54.63 0.16 0.00	59.85 0.77 0.00	57.69 0.80 0.00	51.10 0.90 0.00	39.78 0.28 0.00	34.85 0.65 0.00	30.85 0.40 0.00
NEG CENTRAL___STATE_STREET 24147	30.36 -0.15 0.00	27.92 -0.14 0.00	25.64 -0.18 0.00	22.63 -0.14 0.00	23.18 -0.14 0.00	26.86 -0.13 0.00	34.42 -0.03 0.00	35.86 -0.04 0.00	32.58 -0.07 0.00	25.59 -0.10 0.00	26.98 -0.11 0.00	27.40 -0.11 0.00	29.78 -0.18 0.00	32.37 -0.13 0.00	33.48 -0.13 0.00	36.02 -0.04 0.00	41.31 0.00 0.00	54.52 0.05 0.00	59.56 0.47 0.00	57.41 0.51 0.00	50.75 0.55 0.00	39.66 0.16 0.00	34.47 0.27 0.00	30.57 0.12 0.00
NEG MILLWOOD___DRP 24198	31.39 0.88 0.00	28.96 0.90 0.00	26.60 0.77 0.00	23.36 0.59 0.00	24.00 0.68 0.00	27.75 0.76 0.00	35.84 1.38 0.00	37.54 1.65 0.00	34.28 1.63 0.00	27.20 1.31 -0.20	29.00 1.41 -0.50	29.62 1.57 -0.55	32.65 1.71 -0.99	35.30 1.85 -0.95	36.48 1.88 -0.99	39.06 2.13 -0.87	43.82 2.27 -0.24	57.85 2.94 -0.44	62.08 2.90 -0.10	59.51 2.62 0.00	52.31 2.11 0.00	41.44 1.94 0.00	35.57 1.37 0.00	31.49 1.04 0.00
NEG NORTH_FLCN_SEA 23793	31.64 1.13 0.00	29.07 1.01 0.00	26.78 0.96 0.00	23.61 0.84 0.00	24.12 0.79 0.00	27.94 0.94 0.00	36.01 1.55 0.00	38.33 2.44 0.00	34.63 1.99 0.00	27.15 1.46 0.00	28.61 1.52 0.00	28.96 1.46 0.00	31.60 1.65 0.00	34.29 1.79 0.00	35.40 1.78 0.00	38.08 2.02 0.00	43.87 2.56 0.00	58.66 4.19 0.00	63.69 4.61 0.00	61.05 4.15 0.00	54.01 3.81 0.00	41.71 2.21 0.00	36.15 1.95 0.00	32.31 1.86 0.00
NEG NORTH_KES_CHATEGAY 23792	31.33 0.82 0.00	28.79 0.73 0.00	26.52 0.70 0.00	23.38 0.61 0.00	23.88 0.56 0.00	27.70 0.70 0.00	35.22 0.76 0.00	37.43 1.54 0.00	33.85 1.21 0.00	26.54 0.85 0.00	27.96 0.87 0.00	28.33 0.83 0.00	30.88 0.93 0.00	33.51 1.01 0.00	34.59 0.97 0.00	37.21 1.15 0.00	42.83 1.53 0.00	57.08 2.61 0.00	61.98 2.90 0.00	59.45 2.56 0.00	52.61 2.41 0.00	40.85 1.34 0.00	35.36 1.16 0.00	31.61 1.16 0.00
NEG NORTH___ALICE_FALLS 23915	31.73 1.22 0.00	29.16 1.09 0.00	26.86 1.03 0.00	23.68 0.91 0.00	24.16 0.84 0.00	28.02 1.03 0.00	36.04 1.59 0.00	38.37 2.48 0.00	34.63 1.99 0.00	27.13 1.44 0.00	28.58 1.49 0.00	28.94 1.43 0.00	31.57 1.62 0.00	34.25 1.75 0.00	35.36 1.75 0.00	38.08 2.02 0.00	43.91 2.60 0.00	58.82 4.36 0.00	63.87 4.79 0.00	61.16 4.27 0.00	54.11 3.92 0.00	41.75 2.25 0.00	36.18 1.98 0.00	32.34 1.89 0.00
NEG NORTH___LWR_SARANAC 23913	31.73 1.22 0.00	29.16 1.09 0.00	26.86 1.03 0.00	23.68 0.91 0.00	24.16 0.84 0.00	28.02 1.03 0.00	36.04 1.59 0.00	38.37 2.48 0.00	34.63 1.99 0.00	27.13 1.44 0.00	28.58 1.49 0.00	28.94 1.43 0.00	31.57 1.62 0.00	34.25 1.75 0.00	35.36 1.75 0.00	38.08 2.02 0.00	43.91 2.60 0.00	58.82 4.36 0.00	63.87 4.79 0.00	61.16 4.27 0.00	54.11 3.92 0.00	41.75 2.25 0.00	36.18 1.98 0.00	32.34 1.89 0.00
NEG NORTH___PLATTSBURG 23628	31.73 1.22 0.00	29.16 1.09 0.00	26.86 1.03 0.00	23.68 0.91 0.00	24.16 0.84 0.00	28.02 1.03 0.00	36.01 1.55 0.00	38.37 2.47 0.00	34.63 1.99 0.00	27.13 1.44 0.00	28.58 1.49 0.00	28.94 1.43 0.00	31.57 1.62 0.00	34.25 1.75 0.00	35.36 1.75 0.00	38.08 2.02 0.00	43.95 2.65 0.00	58.77 4.30 0.00	63.87 4.78 0.00	61.16 4.27 0.00	54.11 3.92 0.00	41.75 2.25 0.00	36.18 1.98 0.00	32.34 1.89 0.00
NEG WEST_LEA_LOCKPORT 23791	30.24 -0.27 0.00	27.73 -0.34 0.00	25.36 -0.46 0.00	22.31 -0.46 0.00	22.97 -0.35 0.00	26.24 -0.76 0.00	32.94 -1.52 0.00	33.59 -2.30 0.00	31.08 -1.57 0.00	24.76 -0.92 0.00	26.11 -0.98 0.00	26.57 -0.94 0.00	28.85 -1.11 0.00	31.20 -1.30 0.00	32.30 -1.31 0.00	34.40 -1.66 0.00	39.36 -1.94 0.00	51.85 -2.61 0.00	56.96 -2.13 0.00	54.73 -2.16 0.00	49.04 -1.15 0.00	38.28 -1.22 0.00	34.06 -0.14 0.00	30.42 -0.03 0.00
NEG WEST___LANCASTR 23811	29.96 -0.55 0.00	27.50 -0.56 0.00	25.18 -0.65 0.00	22.24 -0.52 0.00	22.83 -0.49 0.00	26.16 -0.84 0.00	33.22 -1.24 0.00	33.81 -2.08 0.00	31.11 -1.53 0.00	24.76 -0.92 0.00	26.20 -0.89 0.00	26.65 -0.85 0.00	28.91 -1.05 0.00	31.30 -1.20 0.00	32.41 -1.21 0.00	34.55 -1.51 0.00	39.69 -1.61 0.00	52.18 -2.29 0.00	57.31 -1.77 0.00	55.07 -1.82 0.00	49.24 -0.95 0.00	38.32 -1.19 0.00	34.03 -0.17 0.00	30.24 -0.21 0.00
NEG_PENN_ALLEGHNY 23528	30.54 0.03 0.00	28.09 0.03 0.00	25.80 -0.03 0.00	22.77 0.00 0.00	23.35 0.02 0.00	26.97 -0.03 0.00	34.53 0.07 0.00	35.82 -0.07 0.00	32.61 -0.03 0.00	25.71 0.03 0.00	27.12 0.03 0.00	27.53 0.03 0.00	29.96 0.00 0.00	32.50 0.00 0.00	33.65 0.03 0.00	36.10 0.04 0.00	41.51 0.21 0.00	54.47 0.00 0.00	59.38 0.30 0.00	57.24 0.34 0.00	50.70 0.50 0.00	39.78 0.28 0.00	34.61 0.41 0.00	30.72 0.27 0.00
NEG___GEN_MONROE 24207	30.45 -0.06 0.00	27.95 -0.11 0.00	25.56 -0.26 0.00	22.63 -0.14 0.00	23.21 -0.12 0.00	26.81 -0.19 0.00	33.91 -0.55 0.00	35.10 -0.79 0.00	32.22 -0.42 0.00	25.41 -0.28 0.00	26.82 -0.27 0.00	27.23 -0.28 0.00	29.60 -0.36 0.00	32.11 -0.39 0.00	33.25 -0.37 0.00	35.63 -0.43 0.00	40.89 -0.41 0.00	54.08 -0.38 0.00	59.20 0.12 0.00	57.06 0.17 0.00	50.80 0.60 0.00	39.58 0.08 0.00	34.64 0.44 0.00	30.76 0.30 0.00
NEPA___ENERGY 23901	30.27 -0.24 0.00	27.78 -0.28 0.00	25.46 -0.36 0.00	22.52 -0.25 0.00	23.09 -0.23 0.00	26.48 -0.51 0.00	33.56 -0.90 0.00	34.20 -1.69 0.00	31.47 -1.18 0.00	25.07 -0.62 0.00	26.52 -0.57 0.00	27.01 -0.50 0.00	29.27 -0.69 0.00	31.69 -0.81 0.00	32.81 -0.81 0.00	34.98 -1.08 0.00	40.19 -1.12 0.00	52.89 -1.58 0.00	58.02 -1.06 0.00	55.81 -1.08 0.00	49.95 -0.25 0.00	38.83 -0.67 0.00	34.51 0.31 0.00	30.57 0.12 0.00

NEVERSINK___HYD 23608	31.30 0.79 0.00	28.82 0.76 0.00	26.39 0.57 0.00	23.27 0.50 0.00	23.86 0.54 0.00	27.70 0.70 0.00	35.63 1.17 0.00	37.18 1.29 0.00	33.82 1.17 0.00	26.77 0.95 -0.13	28.41 1.00 -0.32	28.90 1.04 -0.35	31.81 1.23 -0.63	34.40 1.30 -0.60	35.62 1.38 -0.63	38.16 1.55 -0.55	43.23 1.77 -0.15	57.20 2.45 -0.28	61.75 2.60 -0.06	59.28 2.39 0.00	52.21 2.01 0.00	41.20 1.70 0.00	35.40 1.20 0.00	31.43 0.97 0.00
NEWKRMKL_115KV_TB1 55635	31.18 0.67 0.00	28.68 0.62 0.00	26.42 0.59 0.00	23.29 0.52 0.00	23.86 0.54 0.00	27.64 0.65 0.00	35.46 1.00 0.00	36.93 1.04 0.00	33.66 1.01 0.00	26.31 0.80 0.17	27.51 0.84 0.42	27.90 0.85 0.46	30.05 0.93 0.84	32.67 0.97 0.80	33.82 1.04 0.84	36.48 1.15 0.74	42.38 1.28 0.20	55.61 1.53 0.38	60.60 1.60 0.09	58.49 1.59 0.00	51.50 1.31 0.00	40.69 1.19 0.00	35.09 0.89 0.00	31.24 0.79 0.00
NEWTON___FALLS_HYD 23847	31.36 0.85 0.00	28.91 0.84 0.00	26.65 0.83 0.00	23.50 0.73 0.00	24.12 0.79 0.00	27.97 0.97 0.00	35.56 1.10 0.00	37.18 1.29 0.00	33.49 0.85 0.00	26.18 0.49 0.00	27.58 0.49 0.00	27.89 0.39 0.00	30.38 0.42 0.00	33.08 0.58 0.00	34.25 0.64 0.00	36.75 0.69 0.00	42.13 0.83 0.00	55.99 1.53 0.00	61.04 1.95 0.00	58.88 1.99 0.00	52.15 1.96 0.00	40.77 1.26 0.00	35.29 1.09 0.00	31.40 0.94 0.00
NGRID_A1_DSASP 323792	29.60 -0.91 0.00	27.11 -0.95 0.00	24.84 -0.98 0.00	22.20 -0.57 0.00	22.46 -0.86 0.00	26.05 -0.95 0.00	32.29 -2.17 0.00	32.99 -2.91 0.00	30.49 -2.16 0.00	24.33 -1.36 0.00	25.65 -1.44 0.00	26.13 -1.37 0.00	28.37 -1.59 0.00	30.61 -1.89 0.00	31.70 -1.91 0.00	33.72 -2.34 0.00	38.91 -2.40 0.00	50.44 -4.03 0.00	55.54 -3.54 0.00	53.31 -3.58 0.00	47.89 -2.31 0.00	37.73 -1.78 0.00	33.45 -0.75 0.00	29.81 -0.64 0.00
NGRID_A2_DSASP 323793	29.60 -0.91 0.00	27.11 -0.95 0.00	24.84 -0.98 0.00	22.20 -0.57 0.00	22.46 -0.86 0.00	26.05 -0.95 0.00	32.29 -2.17 0.00	32.99 -2.91 0.00	30.49 -2.16 0.00	24.33 -1.36 0.00	25.65 -1.44 0.00	26.13 -1.37 0.00	28.37 -1.59 0.00	30.61 -1.89 0.00	31.70 -1.91 0.00	33.72 -2.34 0.00	38.91 -2.40 0.00	50.44 -4.03 0.00	55.54 -3.54 0.00	53.31 -3.58 0.00	47.89 -2.31 0.00	37.73 -1.78 0.00	33.45 -0.75 0.00	29.81 -0.64 0.00
NGRID_A4_DSASP 323807	29.60 -0.91 0.00	27.11 -0.95 0.00	24.84 -0.98 0.00	22.20 -0.57 0.00	22.46 -0.86 0.00	26.05 -0.95 0.00	32.29 -2.17 0.00	32.99 -2.91 0.00	30.49 -2.16 0.00	24.33 -1.36 0.00	25.65 -1.44 0.00	26.13 -1.37 0.00	28.37 -1.59 0.00	30.61 -1.89 0.00	31.70 -1.91 0.00	33.72 -2.34 0.00	38.91 -2.40 0.00	50.44 -4.03 0.00	55.54 -3.54 0.00	53.31 -3.58 0.00	47.89 -2.31 0.00	37.73 -1.78 0.00	33.45 -0.75 0.00	29.81 -0.64 0.00
NIAGARA_115E_LBMP 323715	29.96 -0.55 0.00	27.45 -0.62 0.00	25.15 -0.67 0.00	21.99 -0.77 0.00	22.74 -0.58 0.00	25.84 -1.16 0.00	32.39 -2.07 0.00	33.09 -2.80 0.00	30.55 -2.09 0.00	24.38 -1.31 0.00	25.71 -1.38 0.00	26.16 -1.35 0.00	28.40 -1.56 0.00	30.68 -1.82 0.00	31.77 -1.85 0.00	33.82 -2.24 0.00	39.07 -2.23 0.00	50.65 -3.81 0.00	55.78 -3.31 0.00	53.54 -3.36 0.00	48.09 -2.11 0.00	37.84 -1.66 0.00	33.52 -0.68 0.00	30.12 -0.33 0.00
NIAGARA_115W_LBMP 323714	29.50 -1.01 0.00	27.03 -1.04 0.00	24.76 -1.06 0.00	22.15 -0.61 0.00	22.39 -0.93 0.00	26.03 -0.97 0.00	32.18 -2.28 0.00	32.91 -2.98 0.00	30.39 -2.25 0.00	24.27 -1.41 0.00	25.57 -1.52 0.00	26.05 -1.46 0.00	28.28 -1.68 0.00	30.51 -1.98 0.00	31.60 -2.02 0.00	33.61 -2.45 0.00	38.83 -2.48 0.00	50.32 -4.14 0.00	55.37 -3.72 0.00	53.14 -3.76 0.00	47.74 -2.46 0.00	37.61 -1.90 0.00	33.35 -0.85 0.00	29.72 -0.73 0.00
NIAGARA_230_LBMP 323716	29.90 -0.61 0.00	27.39 -0.67 0.00	25.10 -0.72 0.00	22.22 -0.55 0.00	22.72 -0.61 0.00	26.11 -0.89 0.00	32.66 -1.79 0.00	33.42 -2.48 0.00	30.85 -1.80 0.00	24.61 -1.08 0.00	25.95 -1.14 0.00	26.41 -1.10 0.00	28.67 -1.29 0.00	30.97 -1.53 0.00	32.07 -1.55 0.00	34.11 -1.95 0.00	39.37 -1.94 0.00	51.09 -3.38 0.00	56.19 -2.89 0.00	53.93 -2.96 0.00	48.44 -1.76 0.00	38.16 -1.34 0.00	33.75 -0.45 0.00	30.12 -0.33 0.00
NIAGARA___115KV_198_GIBSON 55903	29.47 -1.04 0.00	27.03 -1.04 0.00	24.74 -1.08 0.00	22.15 -0.61 0.00	22.39 -0.93 0.00	26.02 -0.97 0.00	32.18 -2.27 0.00	32.80 -3.09 0.00	30.39 -2.25 0.00	24.25 -1.44 0.00	25.57 -1.52 0.00	26.05 -1.46 0.00	28.28 -1.68 0.00	30.52 -1.98 0.00	31.60 -2.02 0.00	33.61 -2.45 0.00	38.37 -2.93 0.00	50.49 -3.98 0.00	55.42 -3.66 0.00	53.25 -3.64 0.00	47.79 -2.41 0.00	37.37 -2.13 0.00	33.34 -0.85 0.00	29.69 -0.76 0.00
NIAGARA____ 23760	29.90 -0.61 0.00	27.39 -0.67 0.00	25.10 -0.72 0.00	22.22 -0.55 0.00	22.72 -0.61 0.00	26.11 -0.89 0.00	32.66 -1.79 0.00	33.42 -2.48 0.00	30.85 -1.80 0.00	24.61 -1.08 0.00	25.95 -1.14 0.00	26.41 -1.10 0.00	28.67 -1.29 0.00	30.97 -1.53 0.00	32.07 -1.55 0.00	34.11 -1.95 0.00	39.37 -1.94 0.00	51.09 -3.38 0.00	56.19 -2.89 0.00	53.93 -2.96 0.00	48.44 -1.76 0.00	38.16 -1.34 0.00	33.75 -0.45 0.00	30.12 -0.33 0.00
NINE_MILE_1 23575	29.50 -1.01 0.00	27.14 -0.93 0.00	24.94 -0.88 0.00	21.99 -0.77 0.00	22.53 -0.79 0.00	26.08 -0.92 0.00	33.32 -1.14 0.00	34.71 -1.18 0.00	31.57 -1.08 0.00	24.84 -0.85 0.00	26.20 -0.89 0.00	26.60 -0.91 0.00	28.97 -0.99 0.00	31.43 -1.07 0.00	32.54 -1.08 0.00	34.90 -1.16 0.00	40.02 -1.28 0.00	52.72 -1.75 0.00	57.32 -1.77 0.00	55.24 -1.65 0.00	48.79 -1.41 0.00	38.32 -1.18 0.00	33.24 -0.96 0.00	29.54 -0.91 0.00
NINE_MILE_2 23744	29.50 -1.01 0.00	27.14 -0.93 0.00	24.94 -0.88 0.00	21.99 -0.77 0.00	22.55 -0.77 0.00	26.08 -0.92 0.00	33.35 -1.10 0.00	34.71 -1.18 0.00	31.57 -1.08 0.00	24.84 -0.85 0.00	26.20 -0.89 0.00	26.60 -0.91 0.00	28.97 -0.99 0.00	31.43 -1.07 0.00	32.54 -1.08 0.00	34.90 -1.16 0.00	40.02 -1.28 0.00	52.72 -1.75 0.00	57.32 -1.77 0.00	55.24 -1.65 0.00	48.79 -1.41 0.00	38.32 -1.18 0.00	33.24 -0.96 0.00	29.54 -0.91 0.00
NM_CAPITAL___DRP 24208	31.09 0.58 0.00	28.63 0.56 0.00	26.37 0.54 0.00	23.25 0.48 0.00	23.81 0.49 0.00	27.59 0.59 0.00	35.39 0.93 0.00	36.86 0.97 0.00	33.59 0.95 0.00	26.25 0.74 0.19	27.41 0.79 0.46	27.82 0.83 0.51	29.93 0.90 0.92	32.53 0.91 0.88	33.67 0.97 0.92	36.33 1.08 0.81	42.24 1.16 0.22	55.41 1.36 0.41	60.41 1.42 0.09	58.32 1.42 0.00	51.30 1.10 0.00	40.57 1.07 0.00	34.99 0.79 0.00	31.15 0.70 0.00
NM_CENTRAL___DRP 24181	29.99 -0.52 0.00	27.59 -0.48 0.00	25.36 -0.46 0.00	22.38 -0.39 0.00	22.93 -0.40 0.00	26.54 -0.46 0.00	33.98 -0.48 0.00	35.39 -0.50 0.00	32.19 -0.46 0.00	25.33 -0.36 0.00	26.71 -0.38 0.00	27.12 -0.39 0.00	29.51 -0.45 0.00	32.04 -0.45 0.00	33.18 -0.44 0.00	35.56 -0.50 0.00	40.77 -0.54 0.00	53.76 -0.71 0.00	58.50 -0.59 0.00	56.38 -0.51 0.00	49.80 -0.40 0.00	39.03 -0.47 0.00	33.93 -0.27 0.00	30.15 -0.30 0.00

NM_FRONTIER___DRP 24179	29.47 -1.04 0.00	27.03 -1.04 0.00	24.74 -1.08 0.00	22.15 -0.61 0.00	22.39 -0.93 0.00	26.02 -0.97 0.00	32.18 -2.27 0.00	32.80 -3.09 0.00	30.39 -2.25 0.00	24.25 -1.44 0.00	25.57 -1.52 0.00	26.05 -1.46 0.00	28.28 -1.68 0.00	30.52 -1.98 0.00	31.60 -2.02 0.00	33.61 -2.45 0.00	38.37 -2.93 0.00	50.49 -3.98 0.00	55.42 -3.66 0.00	53.25 -3.64 0.00	47.79 -2.41 0.00	37.37 -2.13 0.00	33.34 -0.85 0.00	29.69 -0.76 0.00
NM_ST_REGIS___HYD 24053	31.61 1.10 0.00	29.07 1.01 0.00	26.80 0.98 0.00	23.63 0.87 0.00	24.19 0.86 0.00	28.05 1.05 0.00	35.66 1.21 0.00	37.36 1.47 0.00	33.69 1.04 0.00	26.38 0.69 0.00	27.82 0.73 0.00	28.17 0.66 0.00	30.67 0.72 0.00	33.34 0.84 0.00	34.46 0.84 0.00	36.93 0.87 0.00	42.30 0.99 0.00	56.26 1.80 0.00	61.15 2.07 0.00	58.77 1.88 0.00	52.15 1.96 0.00	40.69 1.19 0.00	35.33 1.13 0.00	31.58 1.13 0.00
NORTHPORT___1 23551	30.99 0.49 0.00	28.70 0.65 0.00	26.08 0.26 0.00	22.91 0.14 0.00	23.53 0.21 0.00	27.34 0.35 0.00	35.25 0.79 0.00	36.86 0.97 0.00	33.88 1.24 0.00	27.34 1.44 -0.22	30.15 1.60 -1.46	30.65 1.68 -1.47	33.87 1.80 -2.11	36.75 1.62 -2.63	38.48 1.85 -3.02	41.27 1.80 -3.41	45.88 1.77 -2.80	58.59 2.12 -2.00	62.81 1.71 -2.01	59.83 1.65 -1.29	52.41 1.20 -1.01	42.21 1.34 -1.37	37.29 1.23 -1.86	31.66 1.19 -0.02
NORTHPORT___2 23552	30.99 0.49 0.00	28.70 0.65 0.00	26.08 0.26 0.00	22.91 0.14 0.00	23.53 0.21 0.00	27.34 0.35 0.00	35.25 0.79 0.00	36.86 0.97 0.00	33.88 1.24 0.00	27.34 1.44 -0.22	30.15 1.60 -1.46	30.65 1.68 -1.47	33.87 1.80 -2.11	36.75 1.62 -2.63	38.48 1.85 -3.02	41.27 1.80 -3.41	45.88 1.77 -2.80	58.59 2.12 -2.00	62.81 1.71 -2.01	59.83 1.65 -1.29	52.41 1.20 -1.01	42.21 1.34 -1.37	37.29 1.23 -1.86	31.66 1.19 -0.02
NORTHPORT___3 23553	31.54 1.04 0.01	29.24 1.18 0.01	26.57 0.75 0.01	23.29 0.52 0.00	23.93 0.61 0.00	27.80 0.81 0.00	35.90 1.45 0.00	37.51 1.62 0.00	34.47 1.83 0.00	27.83 1.93 -0.22	30.66 2.11 -1.46	31.17 2.20 -1.46	34.49 2.43 -2.11	37.59 2.47 -2.62	39.35 2.72 -3.01	42.24 2.78 -3.40	46.95 2.85 -2.79	59.84 3.38 -2.00	64.28 3.19 -2.01	61.25 3.07 -1.29	53.67 2.46 -1.01	43.31 2.45 -1.36	38.17 2.12 -1.85	32.20 1.73 -0.02
NORTHPORT___4 23650	31.54 1.04 0.01	29.24 1.18 0.01	26.57 0.75 0.01	23.29 0.52 0.00	23.93 0.61 0.00	27.80 0.81 0.00	35.90 1.45 0.00	37.51 1.62 0.00	34.47 1.83 0.00	27.83 1.93 -0.22	30.66 2.11 -1.46	31.17 2.20 -1.46	34.49 2.43 -2.11	37.59 2.47 -2.62	39.35 2.72 -3.01	42.24 2.78 -3.40	46.95 2.85 -2.79	59.84 3.38 -2.00	64.28 3.19 -2.01	61.25 3.07 -1.29	53.67 2.46 -1.01	43.31 2.45 -1.36	38.17 2.12 -1.85	32.20 1.73 -0.02
NORTHPORT___IC 23718	31.33 0.82 0.00	28.70 0.65 0.00	26.13 0.31 0.00	22.90 0.14 0.00	23.53 0.21 0.00	27.34 0.35 0.00	35.28 0.83 0.00	36.97 1.08 0.00	33.88 1.24 0.00	27.34 1.44 -0.22	30.15 1.60 -1.46	30.65 1.68 -1.47	33.87 1.80 -2.11	36.69 1.56 -2.63	38.45 1.82 -3.02	41.27 1.80 -3.41	45.96 1.86 -2.80	58.54 2.07 -2.00	62.87 1.77 -2.01	59.77 1.59 -1.29	52.26 1.05 -1.01	42.45 1.58 -1.37	37.29 1.23 -1.86	31.66 1.19 -0.02
NORTH___COUNTRY_ESR 323785	31.24 0.73 0.00	28.74 0.67 0.00	26.47 0.65 0.00	23.34 0.57 0.00	23.84 0.51 0.00	27.62 0.62 0.00	35.08 0.62 0.00	37.33 1.44 0.00	33.75 1.11 0.00	26.48 0.80 0.00	27.93 0.84 0.00	28.28 0.77 0.00	30.83 0.87 0.00	33.44 0.94 0.00	34.56 0.94 0.00	37.14 1.08 0.00	42.71 1.41 0.00	56.86 2.39 0.00	61.75 2.66 0.00	59.23 2.33 0.00	52.40 2.21 0.00	40.73 1.23 0.00	35.29 1.09 0.00	31.52 1.07 0.00
NPX_GEN_1385_PROXY 323591	30.60 0.09 0.00	28.40 0.34 0.00	25.84 0.03 0.00	22.81 0.05 0.00	23.44 0.12 0.00	27.18 0.19 0.00	34.84 0.38 0.00	36.43 0.54 0.00	33.46 0.82 0.00	26.98 1.08 -0.22	28.13 1.11 0.07	27.49 1.18 1.20	28.69 1.26 2.52	29.95 1.04 3.59	32.14 1.24 2.72	38.68 1.15 -1.47	45.42 1.32 -2.80	55.18 1.15 0.43	61.25 0.65 -1.51	58.92 0.74 -1.29	51.46 0.25 -1.01	41.86 0.99 -1.37	37.05 0.99 -1.86	31.51 1.04 -0.02
NPX_GEN_CSC 323557	30.78 0.27 0.00	28.51 0.45 0.00	25.87 0.05 0.00	22.70 -0.07 0.00	23.32 0.00 0.00	27.10 0.11 0.00	35.04 0.59 0.00	36.65 0.75 0.00	33.62 0.98 0.00	27.17 1.26 -0.22	30.17 1.46 -1.62	30.67 1.54 -1.62	33.69 1.44 -2.30	36.74 1.33 -2.91	38.66 1.68 -3.36	41.95 2.05 -3.84	46.75 2.19 -3.26	59.49 2.72 -2.30	63.69 2.24 -2.36	60.58 2.16 -1.52	52.85 1.46 -1.20	42.65 1.54 -1.61	37.50 1.09 -2.21	31.36 0.88 -0.02
NSINS_S_GLNS_FALLS 23858	32.04 1.53 0.00	29.41 1.35 0.00	27.11 1.29 0.00	23.91 1.14 0.00	24.44 1.12 0.00	28.40 1.40 0.00	36.49 2.03 0.00	37.94 2.05 0.00	34.44 1.80 0.00	26.71 1.21 0.18	27.58 0.95 0.46	27.94 0.94 0.50	30.01 0.96 0.91	32.67 1.04 0.87	33.92 1.21 0.90	35.95 0.69 0.80	41.87 0.78 0.22	55.58 1.53 0.41	61.06 2.07 0.09	59.45 2.56 0.00	52.25 2.06 0.00	41.04 1.54 0.00	35.43 1.23 0.00	32.10 1.64 0.00
NUCOR_STEEL___DRP 24197	30.39 -0.12 0.00	27.95 -0.11 0.00	25.67 -0.15 0.00	22.65 -0.11 0.00	23.21 -0.12 0.00	26.86 -0.13 0.00	34.39 -0.07 0.00	35.82 -0.07 0.00	32.55 -0.10 0.00	25.59 -0.10 0.00	26.98 -0.11 0.00	27.40 -0.11 0.00	29.78 -0.18 0.00	32.37 -0.13 0.00	33.48 -0.13 0.00	35.99 -0.07 0.00	41.31 0.00 0.00	54.47 0.00 0.00	59.50 0.41 0.00	57.35 0.46 0.00	50.70 0.50 0.00	39.66 0.16 0.00	34.47 0.27 0.00	30.57 0.12 0.00
NUMBER_THREE_WT_PWR 323818	31.30 0.79 0.00	28.85 0.78 0.00	26.62 0.80 0.00	23.47 0.71 0.00	24.09 0.77 0.00	27.94 0.94 0.00	35.66 1.21 0.00	37.33 1.44 0.00	33.62 0.98 0.00	26.23 0.54 0.00	27.63 0.54 0.00	27.92 0.41 0.00	30.41 0.45 0.00	33.11 0.62 0.00	34.39 0.77 0.00	36.92 0.86 0.00	42.50 1.20 0.00	56.37 1.91 0.00	61.57 2.48 0.00	59.51 2.62 0.00	52.61 2.41 0.00	41.12 1.62 0.00	35.43 1.23 0.00	31.45 1.00 0.00
NYISO_LBMP_REFERENCE 24008	30.51 0.00 0.00	28.06 0.00 0.00	25.82 0.00 0.00	22.77 0.00 0.00	23.32 0.00 0.00	27.00 0.00 0.00	34.46 0.00 0.00	35.89 0.00 0.00	32.64 0.00 0.00	25.69 0.00 0.00	27.09 0.00 0.00	27.51 0.00 0.00	29.96 0.00 0.00	32.50 0.00 0.00	33.62 0.00 0.00	36.06 0.00 0.00	41.31 0.00 0.00	54.47 0.00 0.00	59.09 0.00 0.00	56.89 0.00 0.00	50.20 0.00 0.00	39.50 0.00 0.00	34.20 0.00 0.00	30.45 0.00 0.00
NYPA_BRENTWD____GT 24164	31.39 0.89 0.00	29.07 1.01 0.00	26.41 0.59 0.00	23.15 0.39 0.00	23.79 0.47 0.00	27.67 0.68 0.00	35.73 1.28 0.00	37.36 1.47 0.00	34.31 1.66 0.00	27.68 1.77 -0.22	30.95 2.03 -1.82	31.43 2.12 -1.81	34.72 2.25 -2.52	37.96 2.21 -3.25	39.89 2.49 -3.78	43.06 2.63 -4.37	47.93 2.81 -3.81	60.45 3.32 -2.66	64.89 3.01 -2.79	61.54 2.84 -1.81	53.82 2.21 -1.42	43.62 2.21 -1.91	38.65 1.81 -2.63	32.06 1.58 -0.03

NYPA_GOWANUS____GT5 24156	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NYPA_GOWANUS____GT6 24157	31.46 0.95 0.00	28.79 0.73 0.00	26.44 0.62 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.74 1.82 -0.23	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	36.00 2.44 -1.06	37.21 2.49 -1.10	39.40 2.38 -0.96	43.97 2.39 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.85 1.65 0.00	41.12 1.62 0.00	35.81 1.61 0.00	31.49 1.04 0.00
NYPA_HARLEM__RVR__GT1 24160	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	24.00 0.68 0.00	27.54 0.54 0.00	35.77 1.31 0.00	37.32 1.44 0.01	34.30 1.66 0.01	27.60 1.69 -0.22	29.42 1.79 -0.55	29.95 1.84 -0.60	33.20 2.16 -1.09	35.78 2.24 -1.04	36.99 2.29 -1.09	39.36 2.34 -0.96	43.84 2.27 -0.27	58.45 3.49 -0.49	61.86 2.66 -0.11	59.10 2.22 0.01	51.69 1.50 0.01	41.00 1.50 0.01	35.57 1.37 0.00	31.45 1.00 0.00
NYPA_HARLEM__RVR__GT2 24161	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	24.00 0.68 0.00	27.54 0.54 0.00	35.77 1.31 0.00	37.32 1.44 0.01	34.30 1.66 0.01	27.60 1.69 -0.22	29.42 1.79 -0.55	29.95 1.84 -0.60	33.20 2.16 -1.09	35.78 2.24 -1.04	36.99 2.29 -1.09	39.36 2.34 -0.96	43.84 2.27 -0.27	58.45 3.49 -0.49	61.86 2.66 -0.11	59.10 2.22 0.01	51.69 1.50 0.01	41.00 1.50 0.01	35.57 1.37 0.00	31.45 1.00 0.00
NYPA_KENT____GT 24152	31.46 0.95 0.00	28.82 0.76 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.56 0.57 0.00	35.97 1.51 0.00	37.51 1.62 0.00	34.44 1.79 0.00	27.72 1.80 -0.23	29.54 1.90 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.96 2.40 -1.06	37.17 2.45 -1.10	39.48 2.45 -0.96	44.01 2.44 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.90 1.71 0.00	41.16 1.66 0.00	35.74 1.54 0.00	31.49 1.04 0.00
NYPA_POUCH1____GT 24155	31.40 0.89 0.00	28.74 0.67 0.00	26.39 0.57 0.00	23.25 0.48 0.00	23.98 0.65 0.00	27.46 0.46 0.00	36.11 1.65 0.00	37.43 1.54 0.00	34.34 1.70 0.00	27.74 1.82 -0.23	29.60 1.95 -0.55	30.04 1.92 -0.61	33.36 2.31 -1.10	35.96 2.40 -1.06	37.17 2.45 -1.10	39.26 2.24 -0.96	43.80 2.23 -0.27	58.12 3.16 -0.49	61.86 2.66 -0.11	59.11 2.22 0.00	51.70 1.50 0.00	40.96 1.46 0.00	35.84 1.64 0.00	31.40 0.95 0.00
NYPA_VERNON____GT2 24162	31.46 0.95 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.29 0.52 0.00	24.00 0.68 0.00	27.62 0.62 0.00	35.90 1.45 0.00	37.51 1.62 0.00	34.44 1.79 0.00	27.69 1.77 -0.23	29.51 1.87 -0.55	30.06 1.95 -0.61	33.33 2.28 -1.10	35.93 2.37 -1.06	37.17 2.45 -1.10	39.51 2.49 -0.96	44.05 2.48 -0.27	58.39 3.43 -0.49	62.15 2.95 -0.11	59.39 2.50 0.00	51.95 1.76 0.00	41.20 1.70 0.00	35.67 1.47 0.00	31.49 1.04 0.00
NYPA_VERNON____GT3 24163	31.46 0.95 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.29 0.52 0.00	24.00 0.68 0.00	27.62 0.62 0.00	35.90 1.45 0.00	37.51 1.62 0.00	34.44 1.79 0.00	27.69 1.77 -0.23	29.51 1.87 -0.55	30.06 1.95 -0.61	33.33 2.28 -1.10	35.93 2.37 -1.06	37.17 2.45 -1.10	39.51 2.49 -0.96	44.05 2.48 -0.27	58.39 3.43 -0.49	62.15 2.95 -0.11	59.39 2.50 0.00	51.95 1.76 0.00	41.20 1.70 0.00	35.67 1.47 0.00	31.49 1.04 0.00
NYPA____ASTORIA_CC1 323568	31.46 0.95 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.59 0.59 0.00	35.87 1.41 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.67 1.75 -0.23	29.49 1.84 -0.55	30.04 1.92 -0.61	33.30 2.25 -1.10	35.90 2.34 -1.06	37.14 2.42 -1.10	39.48 2.45 -0.96	44.01 2.44 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.90 1.71 0.00	41.16 1.66 0.00	35.63 1.44 0.00	31.49 1.04 0.00
NYPA____ASTORIA_CC2 323569	31.46 0.95 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.59 0.59 0.00	35.87 1.41 0.00	37.47 1.58 0.00	34.40 1.76 0.00	27.67 1.75 -0.23	29.49 1.84 -0.55	30.04 1.92 -0.61	33.30 2.25 -1.10	35.90 2.34 -1.06	37.14 2.42 -1.10	39.48 2.45 -0.96	44.01 2.44 -0.27	58.34 3.38 -0.49	62.09 2.89 -0.11	59.34 2.44 0.00	51.90 1.71 0.00	41.16 1.66 0.00	35.63 1.44 0.00	31.49 1.04 0.00
NYPA____HOLTSVILL 23794	31.12 0.61 0.00	28.84 0.78 0.00	26.18 0.36 0.00	22.97 0.20 0.00	23.60 0.28 0.00	27.42 0.43 0.00	35.42 0.96 0.00	37.04 1.15 0.00	34.01 1.37 0.00	27.45 1.54 -0.22	30.46 1.76 -1.61	30.96 1.84 -1.61	34.09 1.86 -2.28	37.17 1.79 -2.88	39.03 2.08 -3.33	42.13 2.27 -3.80	46.92 2.39 -3.22	59.68 2.94 -2.27	63.90 2.48 -2.33	60.84 2.44 -1.50	53.18 1.80 -1.18	42.91 1.82 -1.59	37.81 1.44 -2.18	31.69 1.22 -0.02
NYPA____HELLGATE_GT1 24158	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	24.00 0.68 0.00	27.54 0.54 0.00	35.77 1.31 0.00	37.32 1.44 0.01	34.30 1.66 0.01	27.60 1.69 -0.22	29.42 1.79 -0.55	29.95 1.84 -0.60	33.20 2.16 -1.09	35.78 2.24 -1.04	36.99 2.29 -1.09	39.36 2.34 -0.96	43.88 2.31 -0.27	58.45 3.49 -0.49	61.86 2.66 -0.11	59.10 2.22 0.01	51.69 1.50 0.01	41.00 1.50 0.01	35.57 1.37 0.00	31.45 1.00 0.00
NYPA____HELLGATE_GT2 24159	31.52 1.01 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.25 0.48 0.00	24.00 0.68 0.00	27.54 0.54 0.00	35.77 1.31 0.00	37.32 1.44 0.01	34.30 1.66 0.01	27.60 1.69 -0.22	29.42 1.79 -0.55	29.95 1.84 -0.60	33.20 2.16 -1.09	35.78 2.24 -1.04	36.99 2.29 -1.09	39.36 2.34 -0.96	43.88 2.31 -0.27	58.45 3.49 -0.49	61.86 2.66 -0.11	59.10 2.22 0.01	51.69 1.50 0.01	41.00 1.50 0.01	35.57 1.37 0.00	31.45 1.00 0.00
NYS_BARGE____HYD 23848	30.30 -0.21 0.00	27.76 -0.31 0.00	25.41 -0.41 0.00	22.31 -0.46 0.00	23.00 -0.33 0.00	26.24 -0.76 0.00	32.94 -1.52 0.00	33.70 -2.19 0.00	31.08 -1.57 0.00	24.76 -0.92 0.00	26.12 -0.97 0.00	26.57 -0.94 0.00	28.85 -1.11 0.00	31.20 -1.30 0.00	32.30 -1.31 0.00	34.40 -1.66 0.00	39.82 -1.49 0.00	51.69 -2.78 0.00	56.96 -2.12 0.00	54.67 -2.22 0.00	49.04 -1.15 0.00	38.55 -0.95 0.00	34.06 -0.14 0.00	30.48 0.03 0.00
OAK ORCHARD____HYD 24046	30.36 -0.15 0.00	27.84 -0.23 0.00	25.51 -0.31 0.00	22.56 -0.21 0.00	23.09 -0.23 0.00	26.70 -0.30 0.00	33.87 -0.59 0.00	35.25 -0.65 0.00	32.25 -0.39 0.00	25.41 -0.28 0.00	26.79 -0.30 0.00	27.23 -0.28 0.00	29.60 -0.36 0.00	32.14 -0.36 0.00	33.28 -0.34 0.00	35.70 -0.36 0.00	41.22 -0.08 0.00	54.03 -0.44 0.00	59.20 0.12 0.00	57.01 0.11 0.00	50.70 0.50 0.00	39.66 0.16 0.00	34.54 0.34 0.00	30.60 0.15 0.00

OAKDALE___35_KV_LOAD 356122	30.42 -0.09 0.00	27.95 -0.11 0.00	25.69 -0.13 0.00	22.68 -0.09 0.00	23.25 -0.07 0.00	26.86 -0.13 0.00	34.35 -0.10 0.00	35.60 -0.29 0.00	32.45 -0.20 0.00	25.59 -0.10 0.00	27.01 -0.08 0.00	27.42 -0.08 0.00	29.84 -0.12 0.00	32.37 -0.13 0.00	33.52 -0.10 0.00	35.95 -0.11 0.00	41.22 -0.08 0.00	54.25 -0.22 0.00	59.09 0.00 0.00	56.95 0.06 0.00	50.40 0.20 0.00	39.50 0.00 0.00	34.44 0.24 0.00	30.57 0.12 0.00
OCC_CHEM___DRP 24175	29.56 -0.95 0.00	27.11 -0.95 0.00	24.79 -1.03 0.00	22.20 -0.57 0.00	22.46 -0.86 0.00	26.05 -0.94 0.00	32.29 -2.17 0.00	32.88 -3.01 0.00	30.49 -2.15 0.00	24.33 -1.36 0.00	25.65 -1.44 0.00	26.13 -1.38 0.00	28.37 -1.59 0.00	30.61 -1.88 0.00	31.70 -1.92 0.00	33.72 -2.34 0.00	38.46 -2.85 0.00	50.65 -3.81 0.00	55.54 -3.55 0.00	53.37 -3.53 0.00	47.94 -2.26 0.00	37.49 -2.01 0.00	33.45 -0.75 0.00	29.78 -0.67 0.00
OH_GEN_PROXY 24063	29.90 -0.61 0.00	27.39 -0.67 0.00	25.10 -0.72 0.00	22.20 -0.57 0.00	22.72 -0.61 0.00	26.11 -0.89 0.00	32.70 -1.76 0.00	33.45 -2.44 0.00	30.88 -1.76 0.00	24.63 -1.05 0.00	25.98 -1.11 0.00	26.43 -1.07 0.00	28.70 -1.26 0.00	31.00 -1.49 0.00	32.10 -1.51 0.00	34.15 -1.91 0.00	39.45 -1.86 0.00	51.20 -3.27 0.00	56.31 -2.78 0.00	54.05 -2.84 0.00	48.49 -1.71 0.00	38.20 -1.30 0.00	33.79 -0.41 0.00	30.12 -0.33 0.00
OLIN_CORP_DRP 24177	29.96 -0.55 0.00	27.47 -0.59 0.00	25.13 -0.70 0.00	22.04 -0.73 0.00	22.76 -0.56 0.00	25.89 -1.11 0.00	32.46 -2.00 0.00	33.09 -2.80 0.00	30.62 -2.02 0.00	24.43 -1.26 0.00	25.76 -1.33 0.00	26.24 -1.27 0.00	28.49 -1.47 0.00	30.74 -1.75 0.00	31.83 -1.78 0.00	33.90 -2.16 0.00	38.70 -2.60 0.00	50.98 -3.49 0.00	55.95 -3.13 0.00	53.76 -3.13 0.00	48.24 -1.96 0.00	37.69 -1.82 0.00	33.58 -0.62 0.00	30.12 -0.33 0.00
OLIN_CORP_DSASP 323712	29.60 -0.91 0.00	27.11 -0.95 0.00	24.84 -0.98 0.00	22.20 -0.57 0.00	22.46 -0.86 0.00	26.05 -0.95 0.00	32.29 -2.17 0.00	32.99 -2.91 0.00	30.49 -2.16 0.00	24.33 -1.36 0.00	25.65 -1.44 0.00	26.13 -1.37 0.00	28.37 -1.59 0.00	30.61 -1.89 0.00	31.70 -1.91 0.00	33.72 -2.34 0.00	38.91 -2.40 0.00	50.44 -4.03 0.00	55.54 -3.54 0.00	53.31 -3.58 0.00	47.89 -2.31 0.00	37.73 -1.78 0.00	33.45 -0.75 0.00	29.81 -0.64 0.00
ONEIDA_HERK_LFGE 323681	31.12 0.61 0.00	28.68 0.62 0.00	26.44 0.62 0.00	23.29 0.52 0.00	23.91 0.58 0.00	27.70 0.70 0.00	35.39 0.93 0.00	37.01 1.11 0.00	33.43 0.78 0.00	26.17 0.49 0.00	27.58 0.49 0.00	27.92 0.41 0.00	30.41 0.45 0.00	33.11 0.62 0.00	34.35 0.74 0.00	36.85 0.79 0.00	42.38 1.07 0.00	56.05 1.58 0.00	61.10 2.01 0.00	59.00 2.11 0.00	52.10 1.91 0.00	40.80 1.30 0.00	35.16 0.96 0.00	31.24 0.79 0.00
ONEIDA___115KV_TB4 55905	31.03 0.52 0.00	28.57 0.51 0.00	26.34 0.52 0.00	23.22 0.46 0.00	23.84 0.51 0.00	27.59 0.59 0.00	35.25 0.79 0.00	36.86 0.97 0.00	33.36 0.72 0.00	26.12 0.44 0.00	27.55 0.46 0.00	27.92 0.41 0.00	30.38 0.42 0.00	33.08 0.58 0.00	34.29 0.67 0.00	36.82 0.76 0.00	42.26 0.95 0.00	55.88 1.42 0.00	60.92 1.83 0.00	58.77 1.88 0.00	51.90 1.71 0.00	40.65 1.15 0.00	35.09 0.89 0.00	31.15 0.70 0.00
ONONDAGA_REF_OCCRA 23987	30.11 -0.40 0.00	27.70 -0.36 0.00	25.46 -0.36 0.00	22.45 -0.32 0.00	23.02 -0.30 0.00	26.65 -0.35 0.00	34.11 -0.34 0.00	35.53 -0.36 0.00	32.32 -0.33 0.00	25.41 -0.28 0.00	26.79 -0.30 0.00	27.20 -0.30 0.00	29.60 -0.36 0.00	32.14 -0.36 0.00	33.28 -0.34 0.00	35.70 -0.36 0.00	40.93 -0.37 0.00	53.98 -0.49 0.00	58.79 -0.30 0.00	56.67 -0.23 0.00	50.05 -0.15 0.00	39.23 -0.28 0.00	34.10 -0.10 0.00	30.27 -0.18 0.00
ONONDAGA___COGEN 23986	30.14 -0.37 0.00	27.73 -0.34 0.00	25.49 -0.34 0.00	22.50 -0.27 0.00	23.04 -0.28 0.00	26.67 -0.32 0.00	34.15 -0.31 0.00	35.57 -0.32 0.00	32.35 -0.29 0.00	25.43 -0.26 0.00	26.82 -0.27 0.00	27.23 -0.28 0.00	29.63 -0.33 0.00	32.21 -0.29 0.00	33.31 -0.30 0.00	35.77 -0.29 0.00	41.02 -0.29 0.00	54.08 -0.38 0.00	58.91 -0.18 0.00	56.78 -0.11 0.00	50.15 -0.05 0.00	39.30 -0.20 0.00	34.13 -0.07 0.00	30.33 -0.12 0.00
ONTARIO___LFGE 23819	30.60 0.09 0.00	28.12 0.06 0.00	25.82 0.00 0.00	22.81 0.05 0.00	23.35 0.02 0.00	27.02 0.03 0.00	34.60 0.14 0.00	35.93 0.04 0.00	32.61 -0.03 0.00	25.64 -0.05 0.00	27.04 -0.05 0.00	27.42 -0.08 0.00	29.81 -0.15 0.00	32.40 -0.10 0.00	33.55 -0.07 0.00	36.10 0.04 0.00	41.51 0.21 0.00	54.52 0.05 0.00	59.80 0.71 0.00	57.63 0.74 0.00	51.10 0.90 0.00	39.90 0.39 0.00	34.85 0.65 0.00	30.88 0.43 0.00
ORANGEVILLE_WT_PWR 323706	30.33 -0.18 0.00	27.84 -0.23 0.00	25.54 -0.28 0.00	22.54 -0.23 0.00	23.11 -0.21 0.00	26.54 -0.46 0.00	33.60 -0.86 0.00	34.39 -1.51 0.00	31.44 -1.21 0.00	24.94 -0.75 0.00	26.33 -0.76 0.00	26.79 -0.72 0.00	29.12 -0.84 0.00	31.55 -0.94 0.00	32.67 -0.94 0.00	34.87 -1.19 0.00	40.36 -0.95 0.00	52.56 -1.91 0.00	57.96 -1.12 0.00	55.81 -1.08 0.00	49.90 -0.30 0.00	39.11 -0.39 0.00	34.47 0.27 0.00	30.67 0.21 0.00
ORANGEVILLE___ESR 323794	30.33 -0.18 0.00	27.84 -0.23 0.00	25.54 -0.28 0.00	22.54 -0.23 0.00	23.11 -0.21 0.00	26.54 -0.46 0.00	33.60 -0.86 0.00	34.39 -1.51 0.00	31.44 -1.21 0.00	24.94 -0.75 0.00	26.33 -0.76 0.00	26.79 -0.72 0.00	29.12 -0.84 0.00	31.55 -0.94 0.00	32.67 -0.94 0.00	34.87 -1.19 0.00	40.36 -0.95 0.00	52.56 -1.91 0.00	57.96 -1.12 0.00	55.81 -1.08 0.00	49.90 -0.30 0.00	39.11 -0.39 0.00	34.47 0.27 0.00	30.67 0.21 0.00
OSWEGATCHIE___HYD 24044	31.36 0.85 0.00	28.90 0.84 0.00	26.65 0.83 0.00	23.50 0.73 0.00	24.12 0.79 0.00	27.97 0.97 0.00	35.59 1.14 0.00	37.22 1.33 0.00	33.49 0.85 0.00	26.17 0.49 0.00	27.58 0.49 0.00	27.89 0.38 0.00	30.38 0.42 0.00	33.08 0.59 0.00	34.25 0.64 0.00	36.74 0.68 0.00	42.17 0.87 0.00	55.94 1.47 0.00	61.03 1.95 0.00	58.88 1.99 0.00	52.15 1.96 0.00	40.80 1.30 0.00	35.29 1.09 0.00	31.40 0.95 0.00
OSWEGO___5 23606	29.72 -0.79 0.00	27.33 -0.73 0.00	25.13 -0.70 0.00	22.18 -0.59 0.00	22.72 -0.61 0.00	26.29 -0.70 0.00	33.60 -0.86 0.00	35.03 -0.86 0.00	31.86 -0.78 0.00	25.07 -0.62 0.00	26.44 -0.65 0.00	26.85 -0.66 0.00	29.24 -0.72 0.00	31.72 -0.78 0.00	32.84 -0.77 0.00	35.23 -0.83 0.00	40.40 -0.91 0.00	53.16 -1.31 0.00	57.84 -1.24 0.00	55.76 -1.14 0.00	49.24 -0.96 0.00	38.71 -0.79 0.00	33.58 -0.61 0.00	29.84 -0.61 0.00
OSWEGO___6 23613	29.72 -0.79 0.00	27.33 -0.73 0.00	25.13 -0.70 0.00	22.18 -0.59 0.00	22.72 -0.61 0.00	26.29 -0.70 0.00	33.60 -0.86 0.00	35.03 -0.86 0.00	31.86 -0.78 0.00	25.07 -0.62 0.00	26.44 -0.65 0.00	26.85 -0.66 0.00	29.24 -0.72 0.00	31.72 -0.78 0.00	32.84 -0.77 0.00	35.23 -0.83 0.00	40.40 -0.91 0.00	53.16 -1.31 0.00	57.84 -1.24 0.00	55.76 -1.14 0.00	49.24 -0.96 0.00	38.71 -0.79 0.00	33.58 -0.61 0.00	29.84 -0.61 0.00

OUTOKUMPU-AB___DRP 24206	30.30 -0.21 0.00	27.78 -0.28 0.00	25.41 -0.41 0.00	22.50 -0.27 0.00	23.00 -0.33 0.00	26.46 -0.54 0.00	33.11 -1.34 0.00	33.77 -2.12 0.00	31.24 -1.40 0.00	24.89 -0.80 0.00	26.28 -0.81 0.00	26.76 -0.74 0.00	29.06 -0.90 0.00	31.43 -1.07 0.00	32.54 -1.08 0.00	34.65 -1.41 0.00	39.61 -1.69 0.00	52.18 -2.29 0.00	57.37 -1.71 0.00	55.07 -1.82 0.00	49.39 -0.80 0.00	38.51 -0.99 0.00	34.27 0.07 0.00	30.51 0.06 0.00
OXBOW___BTM 323836	29.99 -0.52 0.00	27.47 -0.59 0.00	25.18 -0.64 0.00	22.38 -0.39 0.00	22.76 -0.56 0.00	26.29 -0.70 0.00	32.77 -1.69 0.00	33.49 -2.40 0.00	30.91 -1.73 0.00	24.66 -1.03 0.00	26.01 -1.08 0.00	26.49 -1.02 0.00	28.76 -1.20 0.00	31.10 -1.40 0.00	32.21 -1.41 0.00	34.26 -1.80 0.00	39.57 -1.73 0.00	51.36 -3.10 0.00	56.55 -2.54 0.00	54.28 -2.62 0.00	48.69 -1.50 0.00	38.32 -1.18 0.00	33.92 -0.27 0.00	30.24 -0.21 0.00
OXBOW___ 24026	29.96 -0.55 0.00	27.47 -0.59 0.00	25.15 -0.67 0.00	22.38 -0.39 0.00	22.76 -0.56 0.00	26.29 -0.70 0.00	32.77 -1.69 0.00	33.38 -2.51 0.00	30.91 -1.73 0.00	24.66 -1.03 0.00	26.01 -1.08 0.00	26.49 -1.02 0.00	28.76 -1.20 0.00	31.07 -1.43 0.00	32.17 -1.45 0.00	34.26 -1.80 0.00	39.12 -2.19 0.00	51.53 -2.94 0.00	56.60 -2.48 0.00	54.39 -2.50 0.00	48.74 -1.46 0.00	38.08 -1.42 0.00	33.93 -0.27 0.00	30.18 -0.27 0.00
OXY_CHEM_DSASP 323612	29.56 -0.95 0.00	27.11 -0.95 0.00	24.79 -1.03 0.00	22.20 -0.57 0.00	22.46 -0.86 0.00	26.05 -0.94 0.00	32.29 -2.17 0.00	32.88 -3.01 0.00	30.49 -2.15 0.00	24.33 -1.36 0.00	25.65 -1.44 0.00	26.13 -1.38 0.00	28.37 -1.59 0.00	30.61 -1.88 0.00	31.70 -1.92 0.00	33.72 -2.34 0.00	38.46 -2.85 0.00	50.65 -3.81 0.00	55.54 -3.55 0.00	53.37 -3.53 0.00	47.94 -2.26 0.00	37.49 -2.01 0.00	33.45 -0.75 0.00	29.78 -0.67 0.00
OZONE_PARK_ESR 323760	31.67 1.16 0.00	29.07 1.01 0.00	26.70 0.88 0.00	23.43 0.66 0.00	24.12 0.79 0.00	27.94 0.94 0.00	36.18 1.72 0.00	37.90 2.01 0.00	34.77 2.12 0.00	27.79 1.88 -0.22	29.65 2.00 -0.55	30.23 2.12 -0.61	33.48 2.43 -1.10	36.08 2.53 -1.05	37.33 2.62 -1.09	39.84 2.81 -0.96	44.59 3.02 -0.27	58.66 3.70 -0.49	62.74 3.55 -0.11	60.14 3.24 0.00	52.71 2.51 0.00	41.83 2.33 0.00	35.91 1.71 0.00	31.79 1.34 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.56 -0.95 0.00	27.11 -0.95 0.00	24.79 -1.03 0.00	22.20 -0.57 0.00	22.46 -0.86 0.00	26.05 -0.94 0.00	32.29 -2.17 0.00	32.88 -3.01 0.00	30.49 -2.15 0.00	24.33 -1.36 0.00	25.65 -1.44 0.00	26.13 -1.38 0.00	28.37 -1.59 0.00	30.61 -1.88 0.00	31.70 -1.92 0.00	33.72 -2.34 0.00	38.46 -2.85 0.00	50.65 -3.81 0.00	55.54 -3.55 0.00	53.37 -3.53 0.00	47.94 -2.26 0.00	37.49 -2.01 0.00	33.45 -0.75 0.00	29.78 -0.67 0.00
PACKARD___115KV_DUPONT_184 80571	29.56 -0.95 0.00	27.11 -0.95 0.00	24.79 -1.03 0.00	22.20 -0.57 0.00	22.46 -0.86 0.00	26.05 -0.94 0.00	32.29 -2.17 0.00	32.88 -3.01 0.00	30.49 -2.15 0.00	24.33 -1.36 0.00	25.65 -1.44 0.00	26.13 -1.38 0.00	28.37 -1.59 0.00	30.61 -1.88 0.00	31.70 -1.92 0.00	33.72 -2.34 0.00	38.46 -2.85 0.00	50.65 -3.81 0.00	55.54 -3.55 0.00	53.37 -3.53 0.00	47.94 -2.26 0.00	37.49 -2.01 0.00	33.45 -0.75 0.00	29.78 -0.67 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.52 1.01 0.00	28.85 0.79 0.00	26.55 0.72 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.56 0.57 0.00	35.77 1.31 0.00	37.36 1.47 0.00	34.28 1.63 0.00	27.54 1.64 -0.21	29.38 1.73 -0.55	29.90 1.79 -0.61	33.18 2.13 -1.10	35.74 2.21 -1.04	36.95 2.25 -1.08	39.33 2.31 -0.96	44.13 2.56 -0.27	58.06 3.10 -0.49	62.03 2.84 -0.11	59.06 2.16 0.00	51.65 1.46 0.00	41.04 1.54 0.00	35.57 1.37 0.00	31.46 1.00 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.73 1.22 0.00	29.02 0.95 0.00	26.70 0.88 0.00	23.41 0.64 0.00	24.14 0.82 0.00	27.70 0.70 0.00	35.97 1.52 0.00	37.54 1.65 0.00	34.47 1.83 0.00	27.67 1.77 -0.21	29.51 1.87 -0.55	30.04 1.93 -0.61	33.30 2.25 -1.10	35.87 2.34 -1.04	37.11 2.42 -1.08	39.51 2.49 -0.96	44.30 2.73 -0.27	58.44 3.49 -0.49	62.39 3.19 -0.11	59.34 2.45 0.00	51.90 1.71 0.00	41.24 1.74 0.00	35.77 1.57 0.00	31.64 1.19 0.00
PATROON___115KV_TB1 80586	31.21 0.70 0.00	28.71 0.65 0.00	26.44 0.62 0.00	23.31 0.55 0.00	23.88 0.56 0.00	27.67 0.67 0.00	35.49 1.03 0.00	36.97 1.08 0.00	33.69 1.04 0.00	26.34 0.82 0.17	27.52 0.87 0.43	27.91 0.88 0.47	30.06 0.96 0.86	32.68 1.01 0.82	33.84 1.08 0.85	36.53 1.23 0.75	42.42 1.32 0.21	55.72 1.63 0.38	60.71 1.71 0.09	58.60 1.71 0.00	51.55 1.36 0.00	40.73 1.22 0.00	35.16 0.96 0.00	31.30 0.85 0.00
PATTRSNVILLE___SOLAR 323815	31.21 0.70 0.00	28.71 0.65 0.00	26.44 0.62 0.00	23.31 0.55 0.00	23.88 0.56 0.00	27.70 0.70 0.00	35.49 1.03 0.00	36.86 0.97 0.00	33.33 0.69 0.00	25.88 0.33 0.14	26.94 0.19 0.34	27.30 0.17 0.37	29.47 0.18 0.67	32.05 0.20 0.64	33.22 0.27 0.67	35.83 0.36 0.59	41.72 0.58 0.16	55.20 1.03 0.30	60.55 1.53 0.07	58.66 1.77 0.00	51.65 1.46 0.00	40.69 1.18 0.00	35.12 0.92 0.00	31.27 0.82 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.20 -0.31 0.00	27.70 -0.36 0.00	25.36 -0.46 0.00	22.38 -0.39 0.00	22.97 -0.35 0.00	26.32 -0.67 0.00	33.36 -1.10 0.00	33.95 -1.94 0.00	31.30 -1.34 0.00	24.92 -0.77 0.00	26.36 -0.73 0.00	26.82 -0.69 0.00	29.09 -0.87 0.00	31.52 -0.97 0.00	32.61 -1.01 0.00	34.80 -1.26 0.00	39.90 -1.40 0.00	52.51 -1.96 0.00	57.73 -1.36 0.00	55.41 -1.48 0.00	49.59 -0.60 0.00	38.59 -0.91 0.00	34.27 0.07 0.00	30.45 0.00 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.39 0.88 0.00	28.96 0.90 0.00	26.60 0.77 0.00	23.36 0.59 0.00	24.00 0.68 0.00	27.75 0.76 0.00	35.84 1.38 0.00	37.54 1.65 0.00	34.28 1.63 0.00	27.20 1.31 -0.20	29.00 1.41 -0.50	29.62 1.57 -0.55	32.65 1.71 -0.99	35.30 1.85 -0.95	36.48 1.88 -0.99	39.06 2.13 -0.87	43.82 2.27 -0.24	57.85 2.94 -0.44	62.08 2.90 -0.10	59.51 2.62 0.00	52.31 2.11 0.00	41.44 1.94 0.00	35.57 1.37 0.00	31.49 1.04 0.00
PEEKSKILL___ 23653	31.15 0.64 0.00	28.65 0.59 0.00	26.31 0.49 0.00	23.15 0.39 0.00	23.79 0.47 0.00	27.54 0.54 0.00	35.56 1.10 0.00	37.18 1.29 0.00	34.05 1.40 0.00	27.16 1.26 -0.21	28.97 1.35 -0.53	29.54 1.46 -0.58	32.65 1.65 -1.05	35.22 1.72 -1.00	36.41 1.75 -1.04	38.89 1.91 -0.92	43.54 1.98 -0.25	57.44 2.51 -0.47	61.49 2.30 -0.11	59.00 2.11 0.00	51.75 1.56 0.00	40.96 1.46 0.00	35.26 1.06 0.00	31.24 0.79 0.00
PGE MADISON___WINDPWR 24146	32.19 1.68 0.00	29.72 1.66 0.00	27.42 1.60 0.00	24.18 1.41 0.00	24.86 1.54 0.00	28.81 1.81 0.00	36.87 2.41 0.00	38.55 2.66 0.00	34.60 1.96 0.00	26.90 1.21 0.00	28.31 1.22 0.00	28.66 1.16 0.00	31.12 1.17 0.00	34.06 1.56 0.00	35.46 1.85 0.00	38.19 2.13 0.00	44.20 2.89 0.00	58.60 4.14 0.00	64.46 5.38 0.00	62.53 5.63 0.00	55.37 5.17 0.00	43.13 3.63 0.00	37.00 2.80 0.00	32.67 2.22 0.00

PIERCEFIELD___HYD 23852	31.52 1.01 0.00	28.99 0.93 0.00	26.75 0.93 0.00	23.57 0.80 0.00	24.16 0.84 0.00	28.02 1.03 0.00	35.56 1.10 0.00	37.11 1.22 0.00	33.46 0.82 0.00	26.20 0.51 0.00	27.63 0.54 0.00	27.97 0.47 0.00	30.47 0.51 0.00	33.12 0.62 0.00	34.25 0.64 0.00	36.64 0.58 0.00	41.93 0.62 0.00	55.61 1.14 0.00	60.50 1.42 0.00	58.20 1.31 0.00	51.65 1.46 0.00	40.45 0.95 0.00	35.16 0.96 0.00	31.40 0.94 0.00
PINELAWN_CC_1 323563	31.42 0.91 0.00	29.10 1.04 0.00	26.44 0.62 0.00	23.18 0.41 0.00	23.81 0.49 0.00	27.70 0.70 0.00	35.77 1.31 0.00	37.36 1.47 0.00	34.34 1.70 0.00	27.68 1.77 -0.22	31.96 1.98 -2.90	32.43 2.09 -2.83	35.92 2.25 -3.72	39.88 2.27 -5.11	42.22 2.55 -6.05	45.95 2.67 -7.22	50.97 2.85 -6.81	62.57 3.54 -4.57	67.51 3.37 -5.06	63.41 3.18 -3.33	55.33 2.51 -2.62	45.39 2.37 -3.52	40.89 1.91 -4.78	32.13 1.61 -0.06
PJM_GEN_HTP_PROXY 323702	31.36 0.85 0.00	28.82 0.76 0.00	26.47 0.65 0.00	23.25 0.48 0.00	23.93 0.61 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.54 1.65 0.00	34.44 1.79 0.00	27.53 1.62 -0.22	29.38 1.74 -0.55	29.95 1.84 -0.61	33.15 2.10 -1.10	35.73 2.18 -1.05	36.96 2.25 -1.09	39.44 2.42 -0.96	44.05 2.48 -0.27	58.12 3.16 -0.49	62.09 2.89 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.32 1.82 0.00	35.57 1.37 0.00	31.49 1.04 0.00
PJM_GEN_KEystone 24065	29.76 -0.12 0.63	27.86 -0.17 0.04	25.61 -0.21 0.01	22.60 -0.16 0.01	23.18 -0.14 0.01	26.75 -0.24 0.01	34.29 -0.17 0.00	35.46 -0.43 0.01	29.40 -0.13 3.11	25.90 0.10 -0.11	27.50 0.14 -0.27	28.00 0.19 -0.30	30.71 0.21 -0.54	33.15 0.13 -0.52	34.33 0.17 -0.54	36.63 0.11 -0.46	41.41 0.17 0.06	50.34 -0.16 3.96	55.25 -0.12 3.72	56.15 -0.17 0.58	49.64 0.00 0.56	39.11 0.04 0.43	34.44 0.24 0.00	30.57 0.12 0.01
PJM_GEN_NEPTUNE_PROXY 323594	31.17 0.67 0.01	28.90 0.84 0.01	26.28 0.47 0.01	23.04 0.27 0.00	23.67 0.35 0.00	27.50 0.51 0.00	35.49 1.03 0.00	37.11 1.22 0.00	34.08 1.43 0.00	27.52 1.62 -0.22	29.66 1.76 -0.81	30.20 1.84 -0.85	33.38 2.04 -1.38	36.04 2.05 -1.50	37.51 2.25 -1.64	40.00 2.27 -1.67	44.63 2.35 -0.97	58.15 2.88 -0.80	62.42 2.72 -0.62	59.82 2.56 -0.36	52.59 2.11 -0.28	41.94 2.05 -0.38	36.36 1.71 -0.45	31.82 1.37 0.00
PJM_GEN_VFT_PROXY 323633	31.19 0.76 0.08	28.66 0.67 0.08	26.31 0.57 0.08	23.08 0.39 0.08	23.76 0.51 0.08	27.54 0.62 0.08	35.70 1.24 0.00	37.35 1.54 0.08	34.26 1.70 0.08	27.45 1.54 -0.22	29.27 1.63 -0.55	29.85 1.73 -0.61	33.06 2.01 -1.10	35.63 2.08 -1.05	36.83 2.12 -1.09	39.13 2.31 -0.76	41.16 2.31 2.46	45.93 2.88 11.42	50.99 2.66 10.76	50.98 2.33 8.25	43.97 1.71 7.93	34.99 1.66 6.17	35.40 1.20 0.00	31.28 0.91 0.08
PLATSBURG_115KV_PMLD1 355749	31.61 1.10 0.00	29.05 0.98 0.00	26.78 0.96 0.00	23.59 0.82 0.00	24.09 0.77 0.00	27.94 0.94 0.00	36.01 1.55 0.00	38.30 2.40 0.00	34.60 1.96 0.00	27.13 1.44 0.00	28.58 1.49 0.00	28.96 1.46 0.00	31.57 1.62 0.00	34.29 1.79 0.00	35.36 1.75 0.00	38.04 1.98 0.00	43.87 2.56 0.00	58.61 4.14 0.00	63.64 4.55 0.00	60.99 4.10 0.00	53.96 3.76 0.00	41.71 2.21 0.00	36.11 1.92 0.00	32.31 1.86 0.00
PLEASANTVLY___LBMP 24000	31.09 0.58 0.00	28.60 0.53 0.00	26.31 0.49 0.00	23.16 0.39 0.00	23.79 0.47 0.00	27.51 0.51 0.00	35.46 1.00 0.00	37.08 1.18 0.00	33.88 1.24 0.00	27.05 1.10 -0.26	28.92 1.19 -0.64	29.47 1.27 -0.70	32.65 1.44 -1.26	35.20 1.49 -1.21	36.42 1.55 -1.26	38.79 1.62 -1.11	43.35 1.73 -0.31	57.16 2.12 -0.57	61.10 1.89 -0.13	58.60 1.71 0.00	51.45 1.25 0.00	40.81 1.30 0.00	35.09 0.89 0.00	31.18 0.73 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.30 0.79 0.00	28.77 0.70 0.00	26.44 0.62 0.00	23.25 0.48 0.00	23.91 0.58 0.00	27.67 0.67 0.00	35.73 1.27 0.00	37.40 1.51 0.00	34.21 1.57 0.00	27.31 1.39 -0.23	29.15 1.49 -0.57	29.73 1.60 -0.63	32.92 1.83 -1.14	35.51 1.92 -1.09	36.73 1.98 -1.13	39.15 2.09 -1.00	43.85 2.27 -0.28	57.75 2.78 -0.51	61.80 2.60 -0.12	59.23 2.33 0.00	51.95 1.76 0.00	41.20 1.70 0.00	35.40 1.20 0.00	31.40 0.94 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	31.30 0.79 0.00	28.77 0.70 0.00	26.44 0.62 0.00	23.25 0.48 0.00	23.91 0.58 0.00	27.67 0.67 0.00	35.73 1.27 0.00	37.40 1.51 0.00	34.21 1.57 0.00	27.31 1.39 -0.23	29.15 1.49 -0.57	29.73 1.60 -0.63	32.92 1.83 -1.14	35.51 1.92 -1.09	36.73 1.98 -1.13	39.15 2.09 -1.00	43.85 2.27 -0.28	57.75 2.78 -0.51	61.80 2.60 -0.12	59.23 2.33 0.00	51.95 1.76 0.00	41.20 1.70 0.00	35.40 1.20 0.00	31.40 0.94 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.24 0.73 0.00	28.77 0.70 0.00	26.39 0.57 0.00	23.25 0.48 0.00	23.86 0.54 0.00	27.64 0.65 0.00	35.63 1.17 0.00	37.22 1.33 0.00	33.92 1.27 0.00	26.77 1.08 0.00	28.25 1.16 0.00	28.74 1.24 0.00	31.39 1.44 0.00	33.99 1.49 0.00	35.16 1.55 0.00	37.72 1.66 0.00	43.16 1.86 0.00	56.86 2.40 0.00	61.45 2.36 0.00	59.00 2.11 0.00	51.85 1.66 0.00	41.08 1.58 0.00	35.26 1.06 0.00	31.33 0.88 0.00
POLETTI____ 23519	31.39 0.88 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.55 1.64 -0.22	29.38 1.73 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.13 2.56 -0.27	58.06 3.10 -0.49	62.09 2.90 -0.11	59.45 2.56 0.00	52.15 1.96 0.00	41.40 1.90 0.00	35.57 1.37 0.00	31.52 1.07 0.00
POMONA___ESR 323819	31.12 0.61 0.00	28.62 0.56 0.00	26.29 0.47 0.00	23.13 0.36 0.00	23.77 0.44 0.00	27.54 0.54 0.00	35.56 1.10 0.00	37.15 1.26 0.00	33.98 1.34 0.00	27.06 1.18 -0.19	28.87 1.30 -0.48	29.41 1.37 -0.53	32.50 1.59 -0.96	35.04 1.62 -0.92	36.25 1.68 -0.96	38.70 1.80 -0.84	43.44 1.90 -0.23	57.35 2.45 -0.43	61.43 2.24 -0.10	58.94 2.05 0.00	51.75 1.56 0.00	40.92 1.42 0.00	35.26 1.06 0.00	31.24 0.79 0.00
PORT_JEFF_3 23555	31.21 0.70 0.00	28.90 0.84 0.00	26.23 0.41 0.00	23.02 0.25 0.00	23.65 0.33 0.00	27.48 0.49 0.00	35.53 1.07 0.00	37.11 1.22 0.00	34.11 1.47 0.00	27.53 1.62 -0.22	30.56 1.84 -1.62	31.05 1.92 -1.62	34.20 1.95 -2.29	37.32 1.92 -2.91	39.19 2.22 -3.36	42.35 2.45 -3.84	47.12 2.56 -3.25	59.98 3.21 -2.30	64.11 2.66 -2.36	61.15 2.73 -1.52	53.45 2.06 -1.20	43.08 1.97 -1.61	37.98 1.57 -2.20	31.78 1.31 -0.02
PORT_JEFF_4 23616	31.21 0.70 0.00	28.90 0.84 0.00	26.23 0.41 0.00	23.02 0.25 0.00	23.65 0.33 0.00	27.48 0.49 0.00	35.53 1.07 0.00	37.11 1.22 0.00	34.11 1.47 0.00	27.53 1.62 -0.22	30.56 1.84 -1.62	31.05 1.92 -1.62	34.20 1.95 -2.29	37.32 1.92 -2.91	39.19 2.22 -3.36	42.35 2.45 -3.84	47.12 2.56 -3.25	59.98 3.21 -2.30	64.11 2.66 -2.36	61.15 2.73 -1.52	53.45 2.06 -1.20	43.08 1.97 -1.61	37.98 1.57 -2.20	31.78 1.31 -0.02

PORT_JEFF_IC 23713	31.57 1.07 0.00	28.93 0.87 0.00	26.31 0.49 0.00	23.04 0.27 0.00	23.67 0.35 0.00	27.51 0.51 0.00	35.59 1.14 0.00	37.26 1.36 0.00	34.14 1.50 0.00	27.55 1.64 -0.22	30.62 1.87 -1.66	31.12 1.95 -1.66	34.30 2.01 -2.34	37.42 1.95 -2.97	39.31 2.25 -3.44	42.52 2.52 -3.94	47.47 2.81 -3.36	60.15 3.32 -2.37	64.36 2.84 -2.44	61.03 2.56 -1.58	53.44 2.01 -1.24	43.42 2.25 -1.66	38.13 1.64 -2.29	31.85 1.37 -0.03
PPL PILGRIM_ST_GT1 24216	31.39 0.89 0.00	29.07 1.01 0.00	26.41 0.59 0.00	23.15 0.39 0.00	23.79 0.47 0.00	27.67 0.68 0.00	35.73 1.28 0.00	37.36 1.47 0.00	34.31 1.66 0.00	27.68 1.77 -0.22	30.95 2.03 -1.82	31.43 2.12 -1.81	34.72 2.25 -2.52	37.96 2.21 -3.25	39.89 2.49 -3.78	43.06 2.63 -4.37	47.93 2.81 -3.81	60.45 3.32 -2.66	64.89 3.01 -2.79	61.54 2.84 -1.81	53.82 2.21 -1.42	43.62 2.21 -1.91	38.65 1.81 -2.63	32.06 1.58 -0.03
PPL PILGRIM_ST_GT2 24217	31.39 0.89 0.00	29.07 1.01 0.00	26.41 0.59 0.00	23.15 0.39 0.00	23.79 0.47 0.00	27.67 0.68 0.00	35.73 1.28 0.00	37.36 1.47 0.00	34.31 1.66 0.00	27.68 1.77 -0.22	30.95 2.03 -1.82	31.43 2.12 -1.81	34.72 2.25 -2.52	37.96 2.21 -3.25	39.89 2.49 -3.78	43.06 2.63 -4.37	47.93 2.81 -3.81	60.45 3.32 -2.66	64.89 3.01 -2.79	61.54 2.84 -1.81	53.82 2.21 -1.42	43.62 2.21 -1.91	38.65 1.81 -2.63	32.06 1.58 -0.03
PPL_SHRM_GT3 24213	30.81 0.31 0.00	28.54 0.48 0.00	25.90 0.08 0.00	22.72 -0.05 0.00	23.35 0.02 0.00	27.13 0.14 0.00	35.08 0.62 0.00	36.65 0.75 0.00	33.66 1.01 0.00	27.17 1.26 -0.22	30.22 1.49 -1.64	30.68 1.54 -1.64	33.71 1.44 -2.32	36.80 1.36 -2.94	38.70 1.68 -3.40	42.04 2.09 -3.88	46.80 2.19 -3.31	59.52 2.72 -2.33	63.79 2.30 -2.40	60.66 2.22 -1.55	52.92 1.50 -1.22	42.68 1.54 -1.63	37.54 1.09 -2.24	31.39 0.91 -0.02
PPL_SHRM_GT4 24214	30.81 0.31 0.00	28.54 0.48 0.00	25.90 0.08 0.00	22.72 -0.05 0.00	23.35 0.02 0.00	27.13 0.14 0.00	35.08 0.62 0.00	36.65 0.75 0.00	33.66 1.01 0.00	27.17 1.26 -0.22	30.22 1.49 -1.64	30.68 1.54 -1.64	33.71 1.44 -2.32	36.80 1.36 -2.94	38.70 1.68 -3.40	42.04 2.09 -3.88	46.80 2.19 -3.31	59.52 2.72 -2.33	63.79 2.30 -2.40	60.66 2.22 -1.55	52.92 1.50 -1.22	42.68 1.54 -1.63	37.54 1.09 -2.24	31.39 0.91 -0.02
PROJECT___ORANGE 1 24174	30.02 -0.49 0.00	27.61 -0.45 0.00	25.36 -0.46 0.00	22.38 -0.39 0.00	22.93 -0.40 0.00	26.54 -0.46 0.00	33.98 -0.48 0.00	35.39 -0.50 0.00	32.19 -0.46 0.00	25.33 -0.36 0.00	26.71 -0.38 0.00	27.12 -0.39 0.00	29.51 -0.45 0.00	32.08 -0.42 0.00	33.18 -0.44 0.00	35.59 -0.47 0.00	40.77 -0.54 0.00	53.76 -0.71 0.00	58.50 -0.59 0.00	56.38 -0.51 0.00	49.80 -0.40 0.00	39.07 -0.43 0.00	33.96 -0.24 0.00	30.15 -0.30 0.00
PROJECT___ORANGE 2 24166	30.02 -0.49 0.00	27.61 -0.45 0.00	25.36 -0.46 0.00	22.38 -0.39 0.00	22.93 -0.40 0.00	26.54 -0.46 0.00	33.98 -0.48 0.00	35.39 -0.50 0.00	32.19 -0.46 0.00	25.33 -0.36 0.00	26.71 -0.38 0.00	27.12 -0.39 0.00	29.51 -0.45 0.00	32.08 -0.42 0.00	33.18 -0.44 0.00	35.59 -0.47 0.00	40.77 -0.54 0.00	53.76 -0.71 0.00	58.50 -0.59 0.00	56.38 -0.51 0.00	49.80 -0.40 0.00	39.07 -0.43 0.00	33.96 -0.24 0.00	30.15 -0.30 0.00
PUCKETT___SOLAR 323809	30.85 0.34 0.00	28.40 0.34 0.00	26.11 0.28 0.00	23.04 0.27 0.00	23.65 0.33 0.00	27.32 0.33 0.00	35.01 0.55 0.00	36.36 0.47 0.00	32.94 0.29 0.00	25.84 0.16 0.00	27.20 0.11 0.00	27.59 0.08 0.00	29.99 0.03 0.00	32.63 0.13 0.00	33.82 0.20 0.00	36.31 0.25 0.00	41.84 0.54 0.00	55.17 0.71 0.00	60.33 1.24 0.00	58.26 1.36 0.00	51.55 1.36 0.00	40.41 0.91 0.00	35.05 0.86 0.00	31.09 0.64 0.00
PYRITES___HYD 24023	31.88 1.37 0.00	29.35 1.29 0.00	27.09 1.27 0.00	23.88 1.12 0.00	24.47 1.14 0.00	28.37 1.38 0.00	35.97 1.52 0.00	37.54 1.65 0.00	33.75 1.11 0.00	26.36 0.67 0.00	27.77 0.68 0.00	28.11 0.61 0.00	30.62 0.66 0.00	33.31 0.81 0.00	34.46 0.84 0.00	36.96 0.90 0.00	42.42 1.12 0.00	56.43 1.96 0.00	61.51 2.42 0.00	59.23 2.33 0.00	52.56 2.36 0.00	41.04 1.54 0.00	35.53 1.33 0.00	31.70 1.25 0.00
QUAKERRD_115KV_BK1 80622	29.66 -0.85 0.00	27.25 -0.81 0.00	24.94 -0.88 0.00	22.11 -0.66 0.00	22.60 -0.72 0.00	26.16 -0.84 0.00	33.25 -1.21 0.00	34.49 -1.40 0.00	31.53 -1.11 0.00	24.81 -0.87 0.00	26.20 -0.89 0.00	26.60 -0.91 0.00	28.94 -1.02 0.00	31.43 -1.07 0.00	32.54 -1.08 0.00	34.91 -1.15 0.00	40.07 -1.24 0.00	52.89 -1.58 0.00	57.79 -1.30 0.00	55.70 -1.19 0.00	49.39 -0.80 0.00	38.55 -0.95 0.00	33.62 -0.58 0.00	29.81 -0.64 0.00
QUENSBRY_115KV_TB8 356137	32.07 1.56 0.00	29.44 1.38 0.00	27.17 1.34 0.00	23.93 1.16 0.00	24.49 1.17 0.00	28.45 1.46 0.00	36.53 2.07 0.00	38.01 2.12 0.00	34.50 1.86 0.00	26.76 1.26 0.18	27.61 0.98 0.45	27.95 0.94 0.49	30.02 0.96 0.89	32.68 1.04 0.86	33.97 1.24 0.89	35.92 0.65 0.79	41.87 0.78 0.22	55.59 1.53 0.40	61.06 2.07 0.09	59.45 2.56 0.00	52.31 2.11 0.00	41.04 1.54 0.00	35.43 1.23 0.00	32.16 1.71 0.00
RAMAPO___LBMP 323565	31.00 0.49 0.00	28.51 0.45 0.00	26.21 0.39 0.00	23.06 0.30 0.00	23.70 0.37 0.00	27.43 0.43 0.00	35.42 0.96 0.00	37.00 1.11 0.00	33.85 1.21 0.00	26.95 1.08 -0.19	28.72 1.16 -0.47	29.28 1.27 -0.51	32.32 1.44 -0.92	34.88 1.49 -0.89	36.09 1.55 -0.92	38.53 1.66 -0.81	43.35 1.82 -0.22	57.01 2.12 -0.42	61.13 1.95 -0.09	58.66 1.76 0.00	51.50 1.31 0.00	40.81 1.30 0.00	35.12 0.92 0.00	31.12 0.67 0.00
RANKINE____ 23646	30.36 -0.15 0.00	27.87 -0.20 0.00	25.49 -0.34 0.00	22.52 -0.25 0.00	23.09 -0.23 0.00	26.48 -0.51 0.00	33.39 -1.07 0.00	34.06 -1.83 0.00	31.44 -1.21 0.00	25.05 -0.64 0.00	26.44 -0.65 0.00	26.93 -0.58 0.00	29.24 -0.72 0.00	31.62 -0.88 0.00	32.74 -0.87 0.00	34.87 -1.19 0.00	39.94 -1.36 0.00	52.61 -1.85 0.00	57.79 -1.30 0.00	55.53 -1.37 0.00	49.75 -0.45 0.00	38.75 -0.75 0.00	34.47 0.27 0.00	30.63 0.18 0.00
RAVENSWOOD_GT2_1 24244	31.39 0.88 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.91 1.45 0.00	37.58 1.69 0.00	34.44 1.80 0.00	27.55 1.64 -0.22	29.38 1.73 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.44 2.42 -0.96	44.13 2.56 -0.27	58.06 3.10 -0.49	62.09 2.90 -0.11	59.45 2.56 0.00	52.15 1.96 0.00	41.40 1.90 0.00	35.60 1.40 0.00	31.52 1.07 0.00
RAVENSWOOD_GT2_2 24245	31.39 0.88 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.91 1.45 0.00	37.58 1.69 0.00	34.44 1.80 0.00	27.55 1.64 -0.22	29.38 1.73 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.44 2.42 -0.96	44.13 2.56 -0.27	58.06 3.10 -0.49	62.09 2.90 -0.11	59.45 2.56 0.00	52.15 1.96 0.00	41.40 1.90 0.00	35.60 1.40 0.00	31.52 1.07 0.00

RAVENSWOOD_GT2_3 24246	31.43 0.92 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.29 0.52 0.00	23.98 0.65 0.00	27.73 0.73 0.00	35.91 1.45 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.55 1.64 -0.22	29.40 1.76 -0.55	29.98 1.87 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.44 1.94 0.00	35.60 1.40 0.00	31.52 1.07 0.00
RAVENSWOOD_GT2_4 24247	31.43 0.92 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.29 0.52 0.00	23.98 0.65 0.00	27.73 0.73 0.00	35.91 1.45 0.00	37.58 1.69 0.00	34.47 1.83 0.00	27.55 1.64 -0.22	29.40 1.76 -0.55	29.98 1.87 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.48 2.45 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.44 1.94 0.00	35.60 1.40 0.00	31.52 1.07 0.00
RAVENSWOOD_GT3_1 24248	31.39 0.88 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.91 1.45 0.00	37.58 1.69 0.00	34.44 1.80 0.00	27.55 1.64 -0.22	29.38 1.73 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.44 2.42 -0.96	44.13 2.56 -0.27	58.06 3.10 -0.49	62.09 2.90 -0.11	59.45 2.56 0.00	52.15 1.96 0.00	41.40 1.90 0.00	35.60 1.40 0.00	31.52 1.07 0.00
RAVENSWOOD_GT3_2 24249	31.39 0.88 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.91 1.45 0.00	37.58 1.69 0.00	34.44 1.80 0.00	27.55 1.64 -0.22	29.38 1.73 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.44 2.42 -0.96	44.13 2.56 -0.27	58.06 3.10 -0.49	62.09 2.90 -0.11	59.45 2.56 0.00	52.15 1.96 0.00	41.40 1.90 0.00	35.60 1.40 0.00	31.52 1.07 0.00
RAVENSWOOD_GT3_3 24250	31.46 0.95 0.00	28.88 0.81 0.00	26.55 0.72 0.00	23.29 0.52 0.00	23.98 0.65 0.00	27.75 0.76 0.00	35.94 1.48 0.00	37.61 1.72 0.00	34.50 1.86 0.00	27.58 1.67 -0.22	29.43 1.79 -0.55	30.01 1.90 -0.61	33.21 2.16 -1.10	35.79 2.24 -1.05	37.03 2.32 -1.09	39.51 2.49 -0.96	44.22 2.64 -0.27	58.17 3.21 -0.49	62.21 3.01 -0.11	59.57 2.67 0.00	52.25 2.06 0.00	41.48 1.98 0.00	35.64 1.44 0.00	31.55 1.10 0.00
RAVENSWOOD_GT3_4 24251	31.46 0.95 0.00	28.88 0.81 0.00	26.55 0.72 0.00	23.29 0.52 0.00	23.98 0.65 0.00	27.75 0.76 0.00	35.94 1.48 0.00	37.61 1.72 0.00	34.50 1.86 0.00	27.58 1.67 -0.22	29.43 1.79 -0.55	30.01 1.90 -0.61	33.21 2.16 -1.10	35.79 2.24 -1.05	37.03 2.32 -1.09	39.51 2.49 -0.96	44.22 2.64 -0.27	58.17 3.21 -0.49	62.21 3.01 -0.11	59.57 2.67 0.00	52.25 2.06 0.00	41.48 1.98 0.00	35.64 1.44 0.00	31.55 1.10 0.00
RAVENSWOOD_GT_1 23729	31.46 0.95 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.29 0.52 0.00	24.00 0.68 0.00	27.62 0.62 0.00	35.94 1.48 0.00	37.54 1.65 0.00	34.44 1.80 0.00	27.68 1.77 -0.22	29.51 1.87 -0.55	30.06 1.95 -0.61	33.33 2.28 -1.10	35.92 2.37 -1.05	37.16 2.45 -1.09	39.51 2.49 -0.96	44.26 3.27 -0.27	58.23 3.27 -0.49	62.15 2.95 -0.11	59.28 2.39 0.00	51.90 1.71 0.00	41.24 1.74 0.00	35.67 1.47 0.00	31.49 1.04 0.00
RAVENSWOOD_GT_10 24258	31.39 0.88 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.91 1.45 0.00	37.58 1.69 0.00	34.44 1.80 0.00	27.55 1.64 -0.22	29.38 1.73 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.44 2.42 -0.96	44.13 2.56 -0.27	58.06 3.10 -0.49	62.09 2.90 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.40 1.90 0.00	35.60 1.40 0.00	31.52 1.07 0.00
RAVENSWOOD_GT_11 24259	31.39 0.88 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.91 1.45 0.00	37.58 1.69 0.00	34.44 1.80 0.00	27.55 1.64 -0.22	29.38 1.73 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.44 2.42 -0.96	44.13 2.56 -0.27	58.06 3.10 -0.49	62.09 2.90 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.40 1.90 0.00	35.60 1.40 0.00	31.52 1.07 0.00
RAVENSWOOD_GT_4 24252	31.39 0.88 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.91 1.45 0.00	37.58 1.69 0.00	34.44 1.80 0.00	27.55 1.64 -0.22	29.38 1.73 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.44 2.42 -0.96	44.13 2.56 -0.27	58.06 3.10 -0.49	62.09 2.90 -0.11	59.45 2.56 0.00	52.15 1.96 0.00	41.40 1.90 0.00	35.60 1.40 0.00	31.52 1.07 0.00
RAVENSWOOD_GT_5 24254	31.39 0.88 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.91 1.45 0.00	37.58 1.69 0.00	34.44 1.80 0.00	27.55 1.64 -0.22	29.38 1.73 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.44 2.42 -0.96	44.13 2.56 -0.27	58.06 3.10 -0.49	62.09 2.90 -0.11	59.45 2.56 0.00	52.15 1.96 0.00	41.40 1.90 0.00	35.60 1.40 0.00	31.52 1.07 0.00
RAVENSWOOD_GT_6 24253	31.39 0.88 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.91 1.45 0.00	37.58 1.69 0.00	34.44 1.80 0.00	27.55 1.64 -0.22	29.38 1.73 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.44 2.42 -0.96	44.13 2.56 -0.27	58.06 3.10 -0.49	62.09 2.90 -0.11	59.45 2.56 0.00	52.15 1.96 0.00	41.40 1.90 0.00	35.60 1.40 0.00	31.52 1.07 0.00
RAVENSWOOD_GT_7 24255	31.39 0.88 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.91 1.45 0.00	37.58 1.69 0.00	34.44 1.80 0.00	27.55 1.64 -0.22	29.38 1.73 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.44 2.42 -0.96	44.13 2.56 -0.27	58.06 3.10 -0.49	62.09 2.90 -0.11	59.45 2.56 0.00	52.15 1.96 0.00	41.40 1.90 0.00	35.60 1.40 0.00	31.52 1.07 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.39 0.88 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.91 1.45 0.00	37.58 1.69 0.00	34.44 1.80 0.00	27.55 1.64 -0.22	29.38 1.73 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.44 2.42 -0.96	44.13 2.56 -0.27	58.06 3.10 -0.49	62.09 2.90 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.40 1.90 0.00	35.60 1.40 0.00	31.52 1.07 0.00
RAVENSWOOD_GT_9 24257	31.39 0.88 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.91 1.45 0.00	37.58 1.69 0.00	34.44 1.80 0.00	27.55 1.64 -0.22	29.38 1.73 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.44 2.42 -0.96	44.13 2.56 -0.27	58.06 3.10 -0.49	62.09 2.90 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.40 1.90 0.00	35.60 1.40 0.00	31.52 1.07 0.00

RAVENSWOOD___1 23533	31.46 0.95 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.29 0.52 0.00	24.00 0.68 0.00	27.62 0.62 0.00	35.90 1.45 0.00	37.51 1.62 0.00	34.44 1.79 0.00	27.69 1.77 -0.23	29.51 1.87 -0.55	30.06 1.95 -0.61	33.33 2.28 -1.10	35.93 2.37 -1.06	37.17 2.45 -1.10	39.51 2.49 -0.96	44.05 2.48 -0.27	58.39 3.43 -0.49	62.15 2.95 -0.11	59.39 2.50 0.00	51.95 1.76 0.00	41.20 1.70 0.00	35.67 1.47 0.00	31.49 1.04 0.00
RAVENSWOOD___2 23534	31.46 0.95 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.29 0.52 0.00	24.00 0.68 0.00	27.62 0.62 0.00	35.90 1.45 0.00	37.51 1.62 0.00	34.44 1.79 0.00	27.69 1.77 -0.23	29.51 1.87 -0.55	30.06 1.95 -0.61	33.33 2.28 -1.10	35.93 2.37 -1.06	37.17 2.45 -1.10	39.51 2.49 -0.96	44.05 2.48 -0.27	58.39 3.43 -0.49	62.15 2.95 -0.11	59.39 2.50 0.00	51.95 1.76 0.00	41.20 1.70 0.00	35.67 1.47 0.00	31.49 1.04 0.00
RAVENSWOOD___3 23535	31.40 0.89 0.00	28.85 0.78 0.00	26.49 0.67 0.00	23.27 0.50 0.00	23.95 0.63 0.00	27.73 0.73 0.00	35.87 1.41 0.00	37.58 1.69 0.00	34.44 1.79 0.00	27.56 1.65 -0.22	29.38 1.74 -0.55	29.95 1.84 -0.61	33.18 2.13 -1.10	35.76 2.21 -1.05	37.00 2.29 -1.09	39.44 2.42 -0.96	44.05 2.48 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.51 2.62 0.00	52.15 1.96 0.00	41.32 1.82 0.00	35.60 1.40 0.00	31.52 1.07 0.00
RAVENSWOOD___4 23820	31.46 0.95 0.00	28.82 0.76 0.00	26.49 0.67 0.00	23.29 0.52 0.00	24.00 0.68 0.00	27.62 0.62 0.00	35.90 1.45 0.00	37.51 1.62 0.00	34.44 1.79 0.00	27.69 1.77 -0.23	29.51 1.87 -0.55	30.06 1.95 -0.61	33.33 2.28 -1.10	35.93 2.37 -1.06	37.17 2.45 -1.10	39.51 2.49 -0.96	44.05 2.48 -0.27	58.39 3.43 -0.49	62.15 2.95 -0.11	59.39 2.50 0.00	51.95 1.76 0.00	41.20 1.70 0.00	35.67 1.47 0.00	31.49 1.04 0.00
RCPL_TRUST___DRP 24196	31.47 0.92 -0.05	28.90 0.79 -0.05	26.57 0.70 -0.05	23.34 0.52 -0.05	24.02 0.65 -0.05	27.80 0.76 -0.05	35.94 1.48 0.00	37.70 1.76 -0.05	34.55 1.86 -0.05	27.61 1.70 -0.22	29.43 1.79 -0.55	30.01 1.90 -0.61	33.24 2.19 -1.10	35.82 2.27 -1.05	37.06 2.35 -1.09	39.63 2.49 -1.08	45.83 2.64 -1.88	65.25 3.21 -7.57	68.67 3.01 -6.57	64.47 2.67 -4.90	56.97 2.06 -4.71	45.10 1.94 -3.67	35.60 1.40 0.00	31.59 1.10 -0.05
RED___ROCHESTER 323720	30.54 0.03 0.00	28.01 -0.06 0.00	25.64 -0.18 0.00	22.70 -0.07 0.00	23.23 -0.09 0.00	26.84 -0.16 0.00	34.08 -0.38 0.00	35.53 -0.36 0.00	32.48 -0.16 0.00	25.56 -0.13 0.00	26.98 -0.11 0.00	27.40 -0.11 0.00	29.81 -0.15 0.00	32.40 -0.10 0.00	33.55 -0.07 0.00	35.99 -0.07 0.00	41.60 0.29 0.00	54.52 0.05 0.00	59.68 0.59 0.00	57.52 0.63 0.00	51.20 1.00 0.00	40.01 0.51 0.00	34.78 0.58 0.00	30.82 0.37 0.00
REGAN___SOLAR 323812	31.94 1.43 0.00	29.33 1.26 0.00	27.06 1.24 0.00	23.84 1.07 0.00	24.40 1.07 0.00	28.40 1.40 0.00	36.46 2.00 0.00	37.65 1.76 0.00	33.66 1.01 0.00	25.79 0.23 0.12	26.62 -0.16 0.31	26.81 -0.36 0.34	28.90 -0.45 0.61	31.52 -0.39 0.59	32.91 -0.10 0.61	35.78 0.25 0.54	41.98 0.83 0.15	56.04 1.85 0.27	62.27 3.25 0.06	60.82 3.92 0.00	53.51 3.31 0.00	41.99 2.49 0.00	36.15 1.95 0.00	32.06 1.61 0.00
RENSSELAER___COGEN 23796	31.06 0.55 0.00	28.60 0.53 0.00	26.34 0.52 0.00	23.22 0.46 0.00	23.79 0.47 0.00	27.56 0.57 0.00	35.35 0.89 0.00	36.79 0.90 0.00	33.52 0.88 0.00	26.21 0.69 0.17	27.42 0.76 0.42	27.84 0.80 0.46	29.98 0.87 0.84	32.57 0.88 0.81	33.72 0.94 0.84	36.37 1.05 0.74	42.17 1.07 0.20	55.45 1.36 0.38	60.36 1.36 0.09	58.20 1.31 0.00	51.25 1.06 0.00	40.49 0.99 0.00	34.95 0.75 0.00	31.12 0.67 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.16 2.65 0.00	30.39 2.33 0.00	28.07 2.25 0.00	24.73 1.96 0.00	25.24 1.91 0.00	29.45 2.46 0.00	37.83 3.38 0.00	39.34 3.45 0.00	35.61 2.97 0.00	27.51 2.00 0.18	28.37 1.73 0.46	28.66 1.65 0.50	30.70 1.65 0.91	33.48 1.85 0.87	34.90 2.19 0.90	37.14 1.88 0.80	43.44 2.35 0.22	57.71 3.65 0.41	63.78 4.79 0.09	62.36 5.46 0.00	54.81 4.62 0.00	42.78 3.28 0.00	36.87 2.67 0.00	33.25 2.80 0.00
REVERE_CPPR_DRP 24186	31.27 0.76 0.00	28.85 0.79 0.00	26.60 0.77 0.00	23.45 0.68 0.00	24.07 0.75 0.00	27.89 0.89 0.00	35.59 1.14 0.00	37.26 1.36 0.00	33.66 1.01 0.00	26.33 0.64 0.00	27.74 0.65 0.00	28.08 0.58 0.00	30.56 0.60 0.00	33.31 0.81 0.00	34.59 0.97 0.00	37.14 1.08 0.00	42.67 1.36 0.00	56.48 2.02 0.00	61.63 2.54 0.00	59.57 2.67 0.00	52.61 2.41 0.00	41.16 1.66 0.00	35.46 1.27 0.00	31.46 1.00 0.00
REYNLDPA_13_KV_LD 356490	31.18 0.67 0.00	28.68 0.62 0.00	26.42 0.59 0.00	23.29 0.52 0.00	23.79 0.47 0.00	27.54 0.54 0.00	34.98 0.52 0.00	36.46 0.57 0.00	33.00 0.36 0.00	25.92 0.23 0.00	27.33 0.24 0.00	27.70 0.19 0.00	30.19 0.24 0.00	32.76 0.26 0.00	33.85 0.24 0.00	36.35 0.29 0.00	41.72 0.41 0.00	55.33 0.87 0.00	60.03 0.94 0.00	57.69 0.80 0.00	51.05 0.85 0.00	39.90 0.39 0.00	34.61 0.41 0.00	30.91 0.46 0.00
REYNOLDS_115KV_TB3 80639	31.03 0.52 0.00	28.57 0.51 0.00	26.31 0.49 0.00	23.20 0.43 0.00	23.79 0.47 0.00	27.54 0.54 0.00	35.28 0.83 0.00	36.75 0.86 0.00	33.49 0.85 0.00	26.18 0.69 0.20	27.32 0.73 0.50	27.73 0.77 0.55	29.80 0.84 0.99	32.39 0.84 0.95	33.50 0.87 0.99	36.20 1.01 0.87	42.14 1.07 0.24	55.27 1.25 0.45	60.17 1.18 0.10	58.09 1.19 0.00	51.10 0.90 0.00	40.45 0.95 0.00	34.88 0.68 0.00	31.09 0.64 0.00
RIVERBAY____ 323610	31.73 1.22 0.00	29.02 0.95 0.00	26.70 0.88 0.00	23.41 0.64 0.00	24.14 0.82 0.00	27.70 0.70 0.00	35.97 1.52 0.00	37.54 1.65 0.00	34.47 1.83 0.00	27.67 1.77 -0.21	29.51 1.87 -0.55	30.04 1.93 -0.61	33.30 2.25 -1.10	35.87 2.34 -1.04	37.11 2.42 -1.08	39.51 2.49 -0.96	44.30 2.73 -0.27	58.44 3.49 -0.49	62.39 3.19 -0.11	59.34 2.45 0.00	51.90 1.71 0.00	41.24 1.74 0.00	35.77 1.57 0.00	31.64 1.19 0.00
RIVERSDE_115KV_TB3 55908	31.09 0.58 0.00	28.63 0.56 0.00	26.37 0.54 0.00	23.25 0.48 0.00	23.81 0.49 0.00	27.59 0.59 0.00	35.39 0.93 0.00	36.86 0.97 0.00	33.59 0.95 0.00	26.25 0.74 0.19	27.41 0.79 0.46	27.82 0.83 0.51	29.93 0.90 0.92	32.53 0.91 0.88	33.67 0.97 0.92	36.33 1.08 0.81	42.24 1.16 0.22	55.41 1.36 0.41	60.41 1.42 0.09	58.32 1.42 0.00	51.30 1.10 0.00	40.57 1.07 0.00	34.99 0.79 0.00	31.15 0.70 0.00
ROARING___BROOK_WT_PWR 323790	30.60 0.09 0.00	28.15 0.08 0.00	25.90 0.08 0.00	22.84 0.07 0.00	23.37 0.05 0.00	27.05 0.05 0.00	34.49 0.03 0.00	35.93 0.04 0.00	32.68 0.03 0.00	25.71 0.03 0.00	27.12 0.03 0.00	27.53 0.03 0.00	29.99 0.03 0.00	32.53 0.03 0.00	33.65 0.03 0.00	36.10 0.04 0.00	41.35 0.04 0.00	54.52 0.05 0.00	59.15 0.06 0.00	56.95 0.06 0.00	50.30 0.10 0.00	39.54 0.04 0.00	34.23 0.03 0.00	30.48 0.03 0.00

ROCHESRG_115KV_T4 355643	30.20 -0.31 0.00	27.73 -0.34 0.00	25.41 -0.41 0.00	22.50 -0.27 0.00	23.00 -0.33 0.00	26.59 -0.40 0.00	33.73 -0.72 0.00	34.99 -0.90 0.00	32.06 -0.59 0.00	25.28 -0.41 0.00	26.68 -0.41 0.00	27.09 -0.41 0.00	29.48 -0.48 0.00	31.98 -0.52 0.00	33.11 -0.50 0.00	35.52 -0.54 0.00	40.73 -0.58 0.00	53.76 -0.71 0.00	58.79 -0.30 0.00	56.67 -0.23 0.00	50.35 0.15 0.00	39.27 -0.24 0.00	34.34 0.14 0.00	30.42 -0.03 0.00
ROCHESTER_9_IC 23652	30.39 -0.12 0.00	27.90 -0.17 0.00	25.51 -0.31 0.00	22.61 -0.16 0.00	23.11 -0.21 0.00	26.73 -0.27 0.00	33.94 -0.52 0.00	35.28 -0.61 0.00	32.32 -0.33 0.00	25.46 -0.23 0.00	26.87 -0.22 0.00	27.29 -0.22 0.00	29.69 -0.27 0.00	32.24 -0.26 0.00	33.38 -0.24 0.00	35.81 -0.25 0.00	41.14 -0.17 0.00	54.36 -0.11 0.00	59.44 0.35 0.00	57.29 0.40 0.00	50.90 0.70 0.00	39.66 0.16 0.00	34.61 0.41 0.00	30.66 0.21 0.00
ROCKVIEW_13_KV_LD 356306	31.39 0.88 0.00	28.85 0.79 0.00	26.49 0.67 0.00	23.29 0.52 0.00	23.95 0.63 0.00	27.75 0.76 0.00	35.87 1.41 0.00	37.54 1.65 0.00	34.37 1.73 0.00	27.45 1.54 -0.22	29.30 1.65 -0.55	29.87 1.76 -0.61	33.06 2.01 -1.10	35.66 2.11 -1.05	36.89 2.19 -1.09	39.37 2.34 -0.96	44.13 2.56 -0.27	58.12 3.16 -0.49	62.15 2.95 -0.11	59.57 2.67 0.00	52.25 2.06 0.00	41.40 1.90 0.00	35.57 1.37 0.00	31.52 1.07 0.00
ROME____115KV_TB2 80656	31.27 0.76 0.00	28.85 0.79 0.00	26.60 0.77 0.00	23.45 0.68 0.00	24.07 0.75 0.00	27.89 0.89 0.00	35.59 1.14 0.00	37.26 1.36 0.00	33.66 1.01 0.00	26.33 0.64 0.00	27.74 0.65 0.00	28.08 0.58 0.00	30.56 0.60 0.00	33.31 0.81 0.00	34.59 0.97 0.00	37.14 1.08 0.00	42.67 1.36 0.00	56.48 2.02 0.00	61.63 2.54 0.00	59.57 2.67 0.00	52.61 2.41 0.00	41.16 1.66 0.00	35.46 1.27 0.00	31.46 1.00 0.00
ROSETON___1 23587	30.91 0.40 0.00	28.46 0.39 0.00	26.13 0.31 0.00	23.02 0.25 0.00	23.63 0.30 0.00	27.37 0.38 0.00	35.25 0.79 0.00	36.79 0.90 0.00	33.59 0.95 0.00	26.67 0.85 -0.14	28.33 0.89 -0.35	28.85 0.96 -0.38	31.75 1.11 -0.69	34.30 1.14 -0.66	35.48 1.18 -0.69	37.93 1.26 -0.61	42.75 1.28 -0.17	56.41 1.63 -0.31	60.63 1.48 -0.07	58.26 1.36 0.00	51.20 1.00 0.00	40.45 0.95 0.00	34.92 0.72 0.00	31.00 0.55 0.00
ROSETON___2 23588	30.91 0.40 0.00	28.46 0.39 0.00	26.13 0.31 0.00	23.02 0.25 0.00	23.63 0.30 0.00	27.37 0.38 0.00	35.25 0.79 0.00	36.79 0.90 0.00	33.59 0.95 0.00	26.67 0.85 -0.14	28.33 0.89 -0.35	28.85 0.96 -0.38	31.75 1.11 -0.69	34.30 1.14 -0.66	35.48 1.18 -0.69	37.93 1.26 -0.61	42.75 1.28 -0.17	56.41 1.63 -0.31	60.63 1.48 -0.07	58.26 1.36 0.00	51.20 1.00 0.00	40.45 0.95 0.00	34.92 0.72 0.00	31.00 0.55 0.00
ROTRRDAM_115KV_TB3 80664	31.03 0.52 0.00	28.54 0.48 0.00	26.26 0.44 0.00	23.16 0.39 0.00	23.72 0.40 0.00	27.48 0.49 0.00	35.25 0.79 0.00	36.68 0.79 0.00	33.33 0.69 0.00	26.04 0.49 0.14	27.20 0.46 0.35	27.59 0.47 0.38	29.77 0.51 0.69	32.39 0.55 0.66	33.53 0.61 0.69	36.07 0.61 0.61	41.84 0.70 0.17	55.08 0.93 0.31	60.08 1.06 0.07	58.03 1.14 0.00	51.10 0.90 0.00	40.33 0.83 0.00	34.81 0.62 0.00	31.06 0.61 0.00
RUSSELL___1 23602	30.51 0.00 0.00	28.01 -0.06 0.00	25.62 -0.21 0.00	22.70 -0.07 0.00	23.23 -0.09 0.00	26.83 -0.16 0.00	34.08 -0.38 0.00	35.46 -0.43 0.00	32.48 -0.16 0.00	25.56 -0.13 0.00	26.98 -0.11 0.00	27.40 -0.11 0.00	29.81 -0.15 0.00	32.40 -0.10 0.00	33.52 -0.10 0.00	35.99 -0.07 0.00	41.35 0.04 0.00	54.68 0.22 0.00	59.80 0.71 0.00	57.69 0.80 0.00	51.20 1.00 0.00	39.90 0.40 0.00	34.78 0.58 0.00	30.79 0.33 0.00
RUSSELL___2 23532	30.51 0.00 0.00	28.01 -0.06 0.00	25.62 -0.21 0.00	22.70 -0.07 0.00	23.23 -0.09 0.00	26.83 -0.16 0.00	34.08 -0.38 0.00	35.46 -0.43 0.00	32.48 -0.16 0.00	25.56 -0.13 0.00	26.98 -0.11 0.00	27.40 -0.11 0.00	29.81 -0.15 0.00	32.40 -0.10 0.00	33.52 -0.10 0.00	35.99 -0.07 0.00	41.35 0.04 0.00	54.68 0.22 0.00	59.80 0.71 0.00	57.69 0.80 0.00	51.20 1.00 0.00	39.90 0.40 0.00	34.78 0.58 0.00	30.79 0.33 0.00
RUSSELL___3 23549	30.51 0.00 0.00	28.01 -0.06 0.00	25.62 -0.21 0.00	22.70 -0.07 0.00	23.23 -0.09 0.00	26.83 -0.16 0.00	34.08 -0.38 0.00	35.46 -0.43 0.00	32.48 -0.16 0.00	25.56 -0.13 0.00	26.98 -0.11 0.00	27.40 -0.11 0.00	29.81 -0.15 0.00	32.40 -0.10 0.00	33.52 -0.10 0.00	35.99 -0.07 0.00	41.35 0.04 0.00	54.68 0.22 0.00	59.80 0.71 0.00	57.69 0.80 0.00	51.20 1.00 0.00	39.90 0.40 0.00	34.78 0.58 0.00	30.79 0.33 0.00
RUSSELL___4 23556	30.51 0.00 0.00	28.01 -0.06 0.00	25.62 -0.21 0.00	22.70 -0.07 0.00	23.23 -0.09 0.00	26.83 -0.16 0.00	34.08 -0.38 0.00	35.46 -0.43 0.00	32.48 -0.16 0.00	25.56 -0.13 0.00	26.98 -0.11 0.00	27.40 -0.11 0.00	29.81 -0.15 0.00	32.40 -0.10 0.00	33.52 -0.10 0.00	35.99 -0.07 0.00	41.35 0.04 0.00	54.68 0.22 0.00	59.80 0.71 0.00	57.69 0.80 0.00	51.20 1.00 0.00	39.90 0.40 0.00	34.78 0.58 0.00	30.79 0.33 0.00
RUSSELL___STATION 23914	30.51 0.00 0.00	28.01 -0.06 0.00	25.62 -0.21 0.00	22.70 -0.07 0.00	23.23 -0.09 0.00	26.83 -0.16 0.00	34.08 -0.38 0.00	35.46 -0.43 0.00	32.48 -0.16 0.00	25.56 -0.13 0.00	26.98 -0.11 0.00	27.40 -0.11 0.00	29.81 -0.15 0.00	32.40 -0.10 0.00	33.52 -0.10 0.00	35.99 -0.07 0.00	41.35 0.04 0.00	54.68 0.22 0.00	59.80 0.71 0.00	57.69 0.80 0.00	51.20 1.00 0.00	39.90 0.40 0.00	34.78 0.58 0.00	30.79 0.33 0.00
S SALMON___HYD 24043	30.30 -0.21 0.00	27.90 -0.17 0.00	25.69 -0.13 0.00	22.66 -0.11 0.00	23.23 -0.09 0.00	26.92 -0.08 0.00	34.42 -0.03 0.00	35.96 0.07 0.00	32.55 -0.10 0.00	25.51 -0.18 0.00	26.87 -0.22 0.00	27.23 -0.28 0.00	29.66 -0.30 0.00	32.24 -0.26 0.00	33.42 -0.20 0.00	35.92 -0.14 0.00	41.18 -0.12 0.00	54.41 -0.05 0.00	59.44 0.36 0.00	57.35 0.45 0.00	50.65 0.45 0.00	39.66 0.16 0.00	34.34 0.14 0.00	30.48 0.03 0.00
S.PERRY__115KV_TB1 80734	31.43 0.92 0.00	28.85 0.79 0.00	26.37 0.54 0.00	23.36 0.59 0.00	23.91 0.58 0.00	27.62 0.62 0.00	35.18 0.72 0.00	36.43 0.54 0.00	33.07 0.42 0.00	25.89 0.21 0.00	27.28 0.19 0.00	27.64 0.14 0.00	30.02 0.06 0.00	32.66 0.16 0.00	33.88 0.27 0.00	36.49 0.43 0.00	42.17 0.87 0.00	55.99 1.53 0.00	61.86 2.78 0.00	59.68 2.79 0.00	53.11 2.91 0.00	41.12 1.62 0.00	35.98 1.78 0.00	31.76 1.31 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.17 -0.34 0.00	27.67 -0.39 0.00	25.33 -0.49 0.00	22.40 -0.36 0.00	22.95 -0.37 0.00	26.35 -0.65 0.00	33.08 -1.38 0.00	33.74 -2.15 0.00	31.21 -1.44 0.00	24.87 -0.82 0.00	26.25 -0.84 0.00	26.74 -0.77 0.00	29.03 -0.93 0.00	31.36 -1.14 0.00	32.47 -1.14 0.00	34.58 -1.48 0.00	39.53 -1.78 0.00	52.07 -2.40 0.00	57.20 -1.89 0.00	54.96 -1.93 0.00	49.24 -0.95 0.00	38.44 -1.07 0.00	34.20 0.00 0.00	30.42 -0.03 0.00

SAWYER___23_KV_LOAD 55526	30.17 -0.34 0.00	27.67 -0.39 0.00	25.33 -0.49 0.00	22.40 -0.36 0.00	22.95 -0.37 0.00	26.35 -0.65 0.00	33.08 -1.38 0.00	33.74 -2.15 0.00	31.21 -1.44 0.00	24.87 -0.82 0.00	26.25 -0.84 0.00	26.74 -0.77 0.00	29.03 -0.93 0.00	31.36 -1.14 0.00	32.47 -1.14 0.00	34.58 -1.48 0.00	39.53 -1.78 0.00	52.07 -2.40 0.00	57.20 -1.89 0.00	54.96 -1.93 0.00	49.24 -0.95 0.00	38.44 -1.07 0.00	34.20 0.00 0.00	30.42 -0.03 0.00
SELKIRK___I 23801	31.15 0.64 0.00	28.65 0.59 0.00	26.39 0.57 0.00	23.27 0.50 0.00	23.84 0.51 0.00	27.59 0.59 0.00	35.32 0.86 0.00	36.68 0.79 0.00	33.36 0.72 0.00	26.14 0.56 0.12	27.40 0.60 0.29	27.83 0.63 0.31	30.08 0.69 0.57	32.67 0.71 0.54	33.79 0.74 0.57	36.39 0.83 0.50	42.08 0.91 0.14	55.41 1.20 0.25	60.27 1.24 0.06	58.14 1.25 0.00	51.20 1.00 0.00	40.45 0.95 0.00	34.95 0.75 0.00	31.12 0.67 0.00
SELKIRK___II 23799	31.00 0.49 0.00	28.51 0.45 0.00	26.26 0.44 0.00	23.15 0.39 0.00	23.72 0.40 0.00	27.46 0.46 0.00	35.21 0.76 0.00	36.68 0.79 0.00	33.39 0.75 0.00	26.19 0.62 0.11	27.46 0.65 0.28	27.89 0.69 0.31	30.18 0.78 0.56	32.74 0.78 0.53	33.87 0.81 0.56	36.47 0.90 0.49	42.12 0.95 0.14	55.41 1.20 0.25	60.21 1.18 0.06	57.97 1.08 0.00	51.05 0.85 0.00	40.33 0.83 0.00	34.85 0.65 0.00	31.03 0.58 0.00
SENECA OSWGO___HYD 24041	29.84 -0.67 0.00	27.45 -0.62 0.00	25.23 -0.59 0.00	22.27 -0.50 0.00	22.81 -0.51 0.00	26.40 -0.59 0.00	33.77 -0.69 0.00	35.25 -0.65 0.00	32.06 -0.59 0.00	25.20 -0.49 0.00	26.57 -0.52 0.00	26.98 -0.52 0.00	29.36 -0.60 0.00	31.88 -0.62 0.00	32.98 -0.64 0.00	35.41 -0.65 0.00	40.56 -0.74 0.00	53.43 -1.04 0.00	58.20 -0.88 0.00	56.10 -0.80 0.00	49.54 -0.65 0.00	38.91 -0.59 0.00	33.79 -0.41 0.00	30.00 -0.46 0.00
SENECA___115KV_TB3 355854	30.42 -0.09 0.00	27.90 -0.17 0.00	25.54 -0.28 0.00	22.54 -0.23 0.00	23.14 -0.19 0.00	26.51 -0.49 0.00	33.46 -1.00 0.00	34.10 -1.79 0.00	31.47 -1.18 0.00	25.07 -0.62 0.00	26.49 -0.60 0.00	26.96 -0.55 0.00	29.27 -0.69 0.00	31.69 -0.81 0.00	32.81 -0.81 0.00	34.94 -1.12 0.00	40.03 -1.28 0.00	52.67 -1.80 0.00	57.90 -1.18 0.00	55.64 -1.25 0.00	49.80 -0.40 0.00	38.79 -0.71 0.00	34.51 0.31 0.00	30.66 0.21 0.00
SENECA___ENERGY 23797	30.26 -0.25 0.00	27.81 -0.25 0.00	25.54 -0.28 0.00	22.54 -0.23 0.00	23.11 -0.21 0.00	26.75 -0.24 0.00	34.25 -0.21 0.00	35.60 -0.29 0.00	32.38 -0.26 0.00	25.46 -0.23 0.00	26.85 -0.24 0.00	27.26 -0.25 0.00	29.63 -0.33 0.00	32.20 -0.29 0.00	33.31 -0.30 0.00	35.81 -0.25 0.00	41.14 -0.16 0.00	54.14 -0.32 0.00	59.20 0.12 0.00	57.01 0.11 0.00	50.45 0.25 0.00	39.46 -0.04 0.00	34.37 0.17 0.00	30.48 0.03 0.00
SHOEMAKER___GT 23640	30.88 0.37 0.00	28.43 0.36 0.00	26.11 0.28 0.00	23.00 0.23 0.00	23.60 0.28 0.00	27.35 0.35 0.00	35.18 0.72 0.00	36.68 0.79 0.00	33.46 0.82 0.00	26.57 0.72 -0.16	28.27 0.79 -0.40	28.77 0.82 -0.43	31.70 0.96 -0.79	34.26 1.01 -0.76	35.44 1.04 -0.78	37.91 1.15 -0.69	42.73 1.24 -0.19	56.40 1.58 -0.35	60.70 1.53 -0.08	58.26 1.36 0.00	51.25 1.06 0.00	40.49 0.99 0.00	34.88 0.68 0.00	30.97 0.52 0.00
SHOEMAKR_138KV_BK 111 55601	30.88 0.37 0.00	28.43 0.36 0.00	26.11 0.28 0.00	23.00 0.23 0.00	23.60 0.28 0.00	27.32 0.32 0.00	35.18 0.72 0.00	36.72 0.83 0.00	33.49 0.85 0.00	26.59 0.74 -0.16	28.29 0.81 -0.39	28.79 0.85 -0.43	31.72 0.99 -0.77	34.28 1.04 -0.74	35.46 1.08 -0.77	37.89 1.15 -0.68	42.77 1.28 -0.19	56.39 1.58 -0.35	60.64 1.48 -0.08	58.26 1.37 0.00	51.20 1.00 0.00	40.49 0.99 0.00	34.88 0.68 0.00	30.97 0.52 0.00
SHOREHAM_IC_1 23715	30.81 0.31 0.00	28.54 0.48 0.00	25.90 0.08 0.00	22.72 -0.05 0.00	23.35 0.02 0.00	27.13 0.14 0.00	35.08 0.62 0.00	36.65 0.75 0.00	33.66 1.01 0.00	27.17 1.26 -0.22	30.22 1.49 -1.64	30.68 1.54 -1.64	33.71 1.44 -2.32	36.80 1.36 -2.94	38.70 1.68 -3.40	42.04 2.09 -3.88	46.80 2.19 -3.31	59.52 2.72 -2.33	63.79 2.30 -2.40	60.66 2.22 -1.55	52.92 1.50 -1.22	42.68 1.54 -1.63	37.54 1.09 -2.24	31.39 0.91 -0.02
SHOREHAM_IC_2 23716	31.15 0.64 0.00	28.54 0.48 0.00	25.95 0.13 0.00	22.72 -0.05 0.00	23.35 0.02 0.00	27.13 0.13 0.00	35.11 0.65 0.00	36.75 0.86 0.00	33.66 1.01 0.00	27.17 1.26 -0.22	30.22 1.49 -1.64	30.68 1.54 -1.64	33.71 1.44 -2.32	36.77 1.33 -2.94	38.66 1.65 -3.40	42.04 2.09 -3.88	46.92 2.31 -3.31	59.47 2.67 -2.33	63.91 2.42 -2.40	60.49 2.05 -1.55	52.82 1.41 -1.22	42.87 1.74 -1.63	37.54 1.09 -2.24	31.39 0.91 -0.02
SISSONVILLE____ 23735	31.52 1.01 0.00	28.99 0.93 0.00	26.75 0.93 0.00	23.57 0.80 0.00	24.16 0.84 0.00	28.02 1.03 0.00	35.56 1.10 0.00	37.11 1.22 0.00	33.46 0.82 0.00	26.20 0.51 0.00	27.63 0.54 0.00	27.97 0.47 0.00	30.47 0.51 0.00	33.12 0.62 0.00	34.25 0.64 0.00	36.64 0.58 0.00	41.93 0.62 0.00	55.61 1.14 0.00	60.50 1.42 0.00	58.20 1.31 0.00	51.65 1.46 0.00	40.45 0.95 0.00	35.16 0.96 0.00	31.40 0.94 0.00
SITHE_IND_GS1 24169	29.50 -1.01 0.00	27.11 -0.95 0.00	24.94 -0.88 0.00	21.99 -0.77 0.00	22.53 -0.79 0.00	26.08 -0.92 0.00	33.32 -1.14 0.00	34.71 -1.18 0.00	31.57 -1.08 0.00	24.84 -0.85 0.00	26.20 -0.89 0.00	26.60 -0.91 0.00	28.94 -1.02 0.00	31.43 -1.07 0.00	32.51 -1.11 0.00	34.90 -1.16 0.00	40.02 -1.28 0.00	52.72 -1.75 0.00	57.32 -1.77 0.00	55.19 -1.71 0.00	48.74 -1.46 0.00	38.32 -1.18 0.00	33.24 -0.96 0.00	29.54 -0.91 0.00
SITHE_IND_GS2 24170	29.50 -1.01 0.00	27.11 -0.95 0.00	24.94 -0.88 0.00	21.99 -0.77 0.00	22.53 -0.79 0.00	26.08 -0.92 0.00	33.32 -1.14 0.00	34.71 -1.18 0.00	31.57 -1.08 0.00	24.84 -0.85 0.00	26.20 -0.89 0.00	26.60 -0.91 0.00	28.94 -1.02 0.00	31.43 -1.07 0.00	32.51 -1.11 0.00	34.90 -1.16 0.00	40.02 -1.28 0.00	52.72 -1.75 0.00	57.32 -1.77 0.00	55.19 -1.71 0.00	48.74 -1.46 0.00	38.32 -1.18 0.00	33.24 -0.96 0.00	29.54 -0.91 0.00
SITHE_IND_GS3 24171	29.50 -1.01 0.00	27.11 -0.95 0.00	24.94 -0.88 0.00	21.99 -0.77 0.00	22.53 -0.79 0.00	26.08 -0.92 0.00	33.32 -1.14 0.00	34.71 -1.18 0.00	31.57 -1.08 0.00	24.84 -0.85 0.00	26.20 -0.89 0.00	26.60 -0.91 0.00	28.94 -1.02 0.00	31.43 -1.07 0.00	32.51 -1.11 0.00	34.90 -1.16 0.00	40.02 -1.28 0.00	52.72 -1.75 0.00	57.32 -1.77 0.00	55.19 -1.71 0.00	48.74 -1.46 0.00	38.32 -1.18 0.00	33.24 -0.96 0.00	29.54 -0.91 0.00
SITHE_IND_GS4 24172	29.50 -1.01 0.00	27.11 -0.95 0.00	24.94 -0.88 0.00	21.99 -0.77 0.00	22.53 -0.79 0.00	26.08 -0.92 0.00	33.32 -1.14 0.00	34.71 -1.18 0.00	31.57 -1.08 0.00	24.84 -0.85 0.00	26.20 -0.89 0.00	26.60 -0.91 0.00	28.94 -1.02 0.00	31.43 -1.07 0.00	32.51 -1.11 0.00	34.90 -1.16 0.00	40.02 -1.28 0.00	52.72 -1.75 0.00	57.32 -1.77 0.00	55.19 -1.71 0.00	48.74 -1.46 0.00	38.32 -1.18 0.00	33.24 -0.96 0.00	29.54 -0.91 0.00

SITHE___BATAVIA 24024	31.03 0.52 0.00	28.43 0.36 0.00	26.00 0.18 0.00	22.91 0.14 0.00	23.53 0.21 0.00	27.00 0.00 0.00	34.11 -0.34 0.00	35.17 -0.72 0.00	32.28 -0.36 0.00	25.51 -0.18 0.00	26.90 -0.19 0.00	27.32 -0.19 0.00	29.66 -0.30 0.00	32.20 -0.29 0.00	33.35 -0.27 0.00	35.70 -0.36 0.00	41.43 0.12 0.00	54.09 -0.38 0.00	59.68 0.59 0.00	57.40 0.51 0.00	51.30 1.10 0.00	40.10 0.59 0.00	35.12 0.92 0.00	31.21 0.76 0.00
SITHE___INDEPEND 23800	29.47 -1.04 0.00	27.11 -0.95 0.00	24.92 -0.90 0.00	21.99 -0.77 0.00	22.53 -0.79 0.00	26.08 -0.92 0.00	33.32 -1.14 0.00	34.71 -1.18 0.00	31.57 -1.08 0.00	24.84 -0.85 0.00	26.20 -0.89 0.00	26.60 -0.91 0.00	28.94 -1.02 0.00	31.43 -1.07 0.00	32.51 -1.11 0.00	34.91 -1.15 0.00	39.98 -1.32 0.00	52.72 -1.74 0.00	57.31 -1.77 0.00	55.24 -1.65 0.00	48.79 -1.41 0.00	38.28 -1.22 0.00	33.24 -0.96 0.00	29.54 -0.91 0.00
SITHE___MASSENA 23902	31.36 0.85 0.00	28.85 0.78 0.00	26.57 0.75 0.00	23.43 0.66 0.00	23.93 0.61 0.00	27.73 0.73 0.00	35.18 0.72 0.00	36.61 0.72 0.00	33.13 0.49 0.00	26.00 0.31 0.00	27.42 0.33 0.00	27.78 0.28 0.00	30.26 0.30 0.00	32.86 0.36 0.00	33.95 0.34 0.00	36.42 0.36 0.00	41.80 0.50 0.00	55.45 0.98 0.00	60.21 1.12 0.00	57.86 0.97 0.00	51.25 1.06 0.00	40.06 0.55 0.00	34.74 0.55 0.00	31.06 0.61 0.00
SITHE___OGDNSBRG 24021	31.82 1.31 0.00	29.30 1.23 0.00	27.04 1.21 0.00	23.82 1.05 0.00	24.37 1.05 0.00	28.27 1.27 0.00	35.84 1.38 0.00	37.36 1.47 0.00	33.59 0.95 0.00	26.25 0.57 0.00	27.69 0.60 0.00	28.00 0.50 0.00	30.50 0.54 0.00	33.15 0.65 0.00	34.32 0.71 0.00	36.82 0.76 0.00	42.30 0.99 0.00	56.32 1.85 0.00	61.39 2.30 0.00	59.06 2.16 0.00	52.36 2.16 0.00	40.88 1.38 0.00	35.36 1.16 0.00	31.58 1.13 0.00
SITHE___STERLING 23777	31.03 0.52 0.00	28.57 0.51 0.00	26.34 0.52 0.00	23.22 0.46 0.00	23.84 0.51 0.00	27.59 0.59 0.00	35.32 0.86 0.00	36.86 0.97 0.00	33.36 0.72 0.00	26.12 0.44 0.00	27.55 0.46 0.00	27.92 0.41 0.00	30.38 0.42 0.00	33.08 0.59 0.00	34.29 0.67 0.00	36.82 0.76 0.00	42.30 0.99 0.00	55.83 1.36 0.00	60.86 1.77 0.00	58.77 1.87 0.00	51.90 1.71 0.00	40.69 1.18 0.00	35.09 0.89 0.00	31.15 0.70 0.00
SLEIGHT__34_KV_TB1 80719	30.11 -0.40 0.00	27.67 -0.39 0.00	25.36 -0.46 0.00	22.45 -0.32 0.00	22.97 -0.35 0.00	26.59 -0.40 0.00	33.91 -0.55 0.00	35.25 -0.65 0.00	32.15 -0.49 0.00	25.28 -0.41 0.00	26.68 -0.41 0.00	27.09 -0.41 0.00	29.45 -0.51 0.00	32.01 -0.49 0.00	33.11 -0.50 0.00	35.59 -0.47 0.00	40.85 -0.45 0.00	53.98 -0.49 0.00	58.97 -0.12 0.00	56.84 -0.06 0.00	50.35 0.15 0.00	39.27 -0.24 0.00	34.23 0.03 0.00	30.30 -0.15 0.00
SMITHTWN_69_KV_BK 1 55830	31.76 1.25 0.00	29.07 1.01 0.00	26.44 0.62 0.00	23.16 0.39 0.00	23.79 0.47 0.00	27.64 0.65 0.00	35.77 1.31 0.00	37.43 1.54 0.00	34.31 1.66 0.00	27.71 1.80 -0.22	30.81 2.03 -1.69	31.30 2.12 -1.68	34.54 2.22 -2.36	37.72 2.21 -3.01	39.63 2.52 -3.49	42.84 2.78 -4.00	47.83 3.10 -3.43	60.58 3.70 -2.41	65.01 3.43 -2.49	61.58 3.07 -1.61	53.87 2.41 -1.27	43.77 2.57 -1.70	38.42 1.88 -2.34	32.03 1.55 -0.03
SOUTH CAIRO___GT 23612	31.91 1.40 0.00	29.35 1.29 0.00	26.88 1.06 0.00	23.75 0.98 0.00	24.28 0.96 0.00	28.24 1.24 0.00	36.18 1.72 0.00	37.65 1.76 0.00	33.72 1.08 0.00	26.69 1.00 0.00	28.04 0.95 0.00	28.47 0.96 0.00	31.12 1.17 0.00	33.73 1.23 0.00	35.03 1.41 0.00	37.76 1.69 0.00	43.58 2.27 0.00	58.22 3.76 0.00	63.81 4.73 0.00	60.42 3.53 0.00	53.26 3.06 0.00	42.03 2.53 0.00	35.91 1.71 0.00	32.07 1.61 0.00
SOUTH HAMPTN___IC 23720	31.27 0.76 0.00	28.96 0.90 0.00	26.26 0.44 0.00	23.04 0.27 0.00	23.65 0.33 0.00	27.48 0.49 0.00	35.53 1.07 0.00	37.11 1.22 0.00	34.08 1.43 0.00	27.53 1.62 -0.22	30.64 1.92 -1.63	31.14 2.01 -1.62	34.23 1.98 -2.30	37.39 1.98 -2.91	39.30 2.32 -3.37	42.68 2.78 -3.85	47.55 2.98 -3.27	60.53 3.76 -2.30	64.76 3.31 -2.37	61.55 3.13 -1.53	53.66 2.26 -1.20	43.21 2.09 -1.61	37.92 1.50 -2.21	31.75 1.28 -0.02
SOUTHDOW_115KV_TB1 355954	30.97 0.46 0.00	28.43 0.36 0.00	26.03 0.21 0.00	22.95 0.18 0.00	23.58 0.26 0.00	27.05 0.05 0.00	34.84 0.38 0.00	35.57 -0.32 0.00	32.61 -0.03 0.00	25.97 0.28 0.00	27.55 0.46 0.00	28.06 0.55 0.00	30.44 0.48 0.00	33.05 0.55 0.00	34.19 0.57 0.00	36.46 0.40 0.00	41.97 0.66 0.00	54.63 0.16 0.00	60.21 1.12 0.00	57.75 0.85 0.00	51.60 1.41 0.00	40.02 0.51 0.00	35.50 1.30 0.00	31.36 0.91 0.00
SOUTHOLD_69_KV_BK 2 55809	32.06 1.56 0.00	29.38 1.32 0.00	26.70 0.88 0.00	23.34 0.57 0.00	23.95 0.63 0.00	27.83 0.84 0.00	36.01 1.55 0.00	37.65 1.76 0.00	34.54 1.89 0.00	27.88 1.98 -0.22	31.07 2.36 -1.63	31.58 2.45 -1.62	34.77 2.52 -2.30	37.95 2.53 -2.91	39.91 2.92 -3.37	43.41 3.50 -3.85	48.50 3.92 -3.27	61.51 4.74 -2.31	65.95 4.49 -2.37	62.29 3.87 -1.53	54.21 2.81 -1.20	43.84 2.73 -1.61	38.26 1.85 -2.21	32.09 1.61 -0.02
SOUTHOLD___IC 23719	31.73 1.22 0.00	29.38 1.32 0.00	26.64 0.83 0.00	23.34 0.57 0.00	23.95 0.63 0.00	27.83 0.84 0.00	35.97 1.51 0.00	37.58 1.69 0.00	34.54 1.89 0.00	27.88 1.98 -0.22	31.07 2.36 -1.63	31.58 2.45 -1.62	34.77 2.52 -2.30	37.98 2.57 -2.91	39.94 2.96 -3.37	43.37 3.46 -3.85	48.37 3.80 -3.27	61.57 4.79 -2.31	65.83 4.37 -2.37	62.46 4.04 -1.53	54.36 2.96 -1.20	43.68 2.57 -1.61	38.26 1.85 -2.21	32.09 1.61 -0.02
SOUTH_FORK_WT_PWR 323839	31.76 1.25 0.00	29.43 1.37 0.00	26.67 0.85 0.00	23.36 0.59 0.00	23.95 0.63 0.00	27.83 0.84 0.00	35.94 1.48 0.00	37.54 1.65 0.00	34.50 1.86 0.00	27.88 1.98 -0.22	31.10 2.38 -1.63	31.61 2.48 -1.62	34.80 2.54 -2.30	37.98 2.57 -2.91	39.94 2.96 -3.37	43.40 3.50 -3.85	48.33 3.76 -3.27	61.51 4.74 -2.31	65.71 4.26 -2.37	62.24 3.81 -1.53	54.16 2.76 -1.20	43.53 2.41 -1.61	38.12 1.71 -2.21	32.00 1.52 -0.02
SPIERFLS_115KV_TB 1 80737	31.94 1.43 0.00	29.35 1.29 0.00	27.06 1.24 0.00	23.86 1.09 0.00	24.40 1.07 0.00	28.35 1.35 0.00	36.39 1.93 0.00	37.87 1.97 0.00	34.37 1.73 0.00	26.66 1.16 0.18	27.51 0.87 0.45	27.87 0.85 0.49	29.94 0.87 0.88	32.59 0.94 0.85	33.84 1.11 0.88	35.75 0.47 0.78	41.63 0.54 0.21	55.32 1.25 0.40	60.71 1.71 0.09	59.06 2.16 0.00	51.95 1.76 0.00	40.81 1.30 0.00	35.22 1.03 0.00	32.03 1.58 0.00
ST LAWRENCE____ 23600	30.85 0.34 0.00	28.37 0.31 0.00	26.13 0.31 0.00	23.04 0.27 0.00	23.56 0.23 0.00	27.27 0.27 0.00	34.63 0.17 0.00	36.07 0.18 0.00	32.71 0.07 0.00	25.71 0.03 0.00	27.12 0.03 0.00	27.48 -0.03 0.00	29.93 -0.03 0.00	32.47 -0.03 0.00	33.55 -0.07 0.00	36.02 -0.04 0.00	41.31 0.00 0.00	54.68 0.22 0.00	59.32 0.24 0.00	57.01 0.11 0.00	50.40 0.20 0.00	39.54 0.04 0.00	34.27 0.07 0.00	30.60 0.15 0.00

STATE_CA_115KV_115_LB 55624	31.21 0.70 0.00	28.71 0.65 0.00	26.44 0.62 0.00	23.31 0.55 0.00	23.88 0.56 0.00	27.67 0.67 0.00	35.49 1.03 0.00	36.97 1.08 0.00	33.69 1.04 0.00	26.34 0.82 0.17	27.52 0.87 0.43	27.91 0.88 0.47	30.06 0.96 0.86	32.68 1.01 0.82	33.84 1.08 0.85	36.53 1.23 0.75	42.42 1.32 0.21	55.72 1.63 0.38	60.71 1.71 0.09	58.60 1.71 0.00	51.55 1.36 0.00	40.73 1.22 0.00	35.16 0.96 0.00	31.30 0.85 0.00
STATE_ST_34_KV_LOAD 55959	30.36 -0.15 0.00	27.92 -0.14 0.00	25.64 -0.18 0.00	22.63 -0.14 0.00	23.18 -0.14 0.00	26.86 -0.13 0.00	34.42 -0.03 0.00	35.86 -0.04 0.00	32.58 -0.07 0.00	25.59 -0.10 0.00	26.98 -0.11 0.00	27.40 -0.11 0.00	29.78 -0.18 0.00	32.37 -0.13 0.00	33.48 -0.13 0.00	36.02 -0.04 0.00	41.31 0.00 0.00	54.52 0.05 0.00	59.56 0.47 0.00	57.41 0.51 0.00	50.75 0.55 0.00	39.66 0.16 0.00	34.47 0.27 0.00	30.57 0.12 0.00
STATION_5_MISC_HYD 23604	30.39 -0.12 0.00	27.90 -0.17 0.00	25.54 -0.28 0.00	22.61 -0.16 0.00	23.11 -0.21 0.00	26.73 -0.27 0.00	33.94 -0.52 0.00	35.35 -0.54 0.00	32.32 -0.33 0.00	25.46 -0.23 0.00	26.87 -0.22 0.00	27.29 -0.22 0.00	29.69 -0.27 0.00	32.24 -0.26 0.00	33.38 -0.23 0.00	35.81 -0.25 0.00	41.35 0.04 0.00	54.20 -0.27 0.00	59.38 0.30 0.00	57.18 0.29 0.00	50.85 0.65 0.00	39.78 0.28 0.00	34.61 0.41 0.00	30.69 0.24 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.30 -0.21 0.00	27.84 -0.22 0.00	25.51 -0.31 0.00	22.56 -0.20 0.00	23.11 -0.21 0.00	26.73 -0.27 0.00	34.08 -0.38 0.00	35.39 -0.50 0.00	32.28 -0.36 0.00	25.38 -0.31 0.00	26.79 -0.30 0.00	27.20 -0.30 0.00	29.57 -0.39 0.00	32.14 -0.36 0.00	33.28 -0.34 0.00	35.74 -0.32 0.00	41.02 -0.29 0.00	54.19 -0.27 0.00	59.26 0.18 0.00	57.12 0.23 0.00	50.65 0.45 0.00	39.46 -0.04 0.00	34.44 0.24 0.00	30.51 0.06 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.17 -0.34 0.00	27.70 -0.36 0.00	25.36 -0.46 0.00	22.47 -0.30 0.00	22.97 -0.35 0.00	26.59 -0.40 0.00	33.77 -0.69 0.00	35.07 -0.83 0.00	32.09 -0.55 0.00	25.28 -0.41 0.00	26.68 -0.41 0.00	27.12 -0.39 0.00	29.48 -0.48 0.00	32.01 -0.49 0.00	33.15 -0.47 0.00	35.59 -0.47 0.00	40.85 -0.45 0.00	53.98 -0.49 0.00	59.03 -0.06 0.00	56.84 -0.06 0.00	50.45 0.25 0.00	39.34 -0.16 0.00	34.34 0.14 0.00	30.42 -0.03 0.00
STA_56___34_KV_BUS2 355983	30.17 -0.34 0.00	27.70 -0.36 0.00	25.36 -0.46 0.00	22.47 -0.30 0.00	22.97 -0.35 0.00	26.59 -0.40 0.00	33.77 -0.69 0.00	35.07 -0.83 0.00	32.09 -0.55 0.00	25.28 -0.41 0.00	26.68 -0.41 0.00	27.12 -0.39 0.00	29.48 -0.48 0.00	32.01 -0.49 0.00	33.15 -0.47 0.00	35.59 -0.47 0.00	40.85 -0.45 0.00	53.98 -0.49 0.00	59.03 -0.06 0.00	56.84 -0.06 0.00	50.45 0.25 0.00	39.34 -0.16 0.00	34.34 0.14 0.00	30.42 -0.03 0.00
STA_67___115KV_BK2 355882	30.33 -0.18 0.00	27.84 -0.22 0.00	25.46 -0.36 0.00	22.56 -0.20 0.00	23.09 -0.23 0.00	26.67 -0.32 0.00	33.84 -0.62 0.00	35.21 -0.68 0.00	32.25 -0.39 0.00	25.41 -0.28 0.00	26.82 -0.27 0.00	27.26 -0.25 0.00	29.63 -0.33 0.00	32.17 -0.32 0.00	33.31 -0.30 0.00	35.74 -0.32 0.00	41.02 -0.29 0.00	54.19 -0.27 0.00	59.26 0.18 0.00	57.12 0.23 0.00	50.75 0.55 0.00	39.54 0.04 0.00	34.54 0.34 0.00	30.60 0.15 0.00
STA_7___115KV_9TRANS 80674	30.51 0.00 0.00	28.01 -0.06 0.00	25.62 -0.21 0.00	22.70 -0.07 0.00	23.23 -0.09 0.00	26.83 -0.16 0.00	34.08 -0.38 0.00	35.46 -0.43 0.00	32.48 -0.16 0.00	25.56 -0.13 0.00	26.98 -0.11 0.00	27.40 -0.11 0.00	29.81 -0.15 0.00	32.40 -0.10 0.00	33.52 -0.10 0.00	35.99 -0.07 0.00	41.35 0.04 0.00	54.68 0.22 0.00	59.80 0.71 0.00	57.69 0.80 0.00	51.20 1.00 0.00	39.90 0.40 0.00	34.78 0.58 0.00	30.79 0.33 0.00
STA_82___115KV_TB1 80780	30.33 -0.18 0.00	27.84 -0.22 0.00	25.49 -0.34 0.00	22.56 -0.20 0.00	23.09 -0.23 0.00	26.67 -0.32 0.00	33.87 -0.59 0.00	35.21 -0.68 0.00	32.25 -0.39 0.00	25.41 -0.28 0.00	26.79 -0.30 0.00	27.23 -0.28 0.00	29.60 -0.36 0.00	32.14 -0.36 0.00	33.28 -0.34 0.00	35.70 -0.36 0.00	40.98 -0.33 0.00	54.14 -0.33 0.00	59.26 0.18 0.00	57.06 0.17 0.00	50.70 0.50 0.00	39.54 0.04 0.00	34.54 0.34 0.00	30.60 0.15 0.00
STEEL___WIND 323596	30.42 -0.09 0.00	27.87 -0.20 0.00	25.54 -0.28 0.00	22.52 -0.25 0.00	23.11 -0.21 0.00	26.48 -0.51 0.00	33.42 -1.03 0.00	34.17 -1.72 0.00	31.44 -1.21 0.00	25.07 -0.62 0.00	26.47 -0.62 0.00	26.93 -0.58 0.00	29.24 -0.72 0.00	31.65 -0.85 0.00	32.78 -0.84 0.00	34.90 -1.16 0.00	40.40 -0.91 0.00	52.45 -2.01 0.00	57.79 -1.30 0.00	55.47 -1.42 0.00	49.69 -0.50 0.00	39.03 -0.47 0.00	34.47 0.27 0.00	30.69 0.24 0.00
STEPHTWN_115KV_BK_2 55603	31.36 0.85 0.00	28.85 0.79 0.00	26.57 0.75 0.00	23.43 0.66 0.00	24.00 0.68 0.00	27.83 0.84 0.00	35.70 1.24 0.00	37.18 1.29 0.00	33.85 1.21 0.00	26.44 0.92 0.17	27.64 0.98 0.42	28.03 0.99 0.46	30.19 1.08 0.84	32.83 1.14 0.81	33.99 1.21 0.84	36.73 1.41 0.74	42.67 1.57 0.20	56.05 1.96 0.38	61.13 2.13 0.09	59.06 2.16 0.00	51.95 1.76 0.00	41.00 1.50 0.00	35.36 1.16 0.00	31.46 1.00 0.00
STEBEN_REC_LFGE 323667	30.94 0.43 0.00	28.43 0.36 0.00	26.06 0.23 0.00	23.04 0.27 0.00	23.63 0.30 0.00	27.24 0.24 0.00	34.77 0.31 0.00	35.71 -0.18 0.00	32.48 -0.16 0.00	25.61 -0.08 0.00	27.01 -0.08 0.00	27.45 -0.06 0.00	29.81 -0.15 0.00	32.40 -0.10 0.00	33.55 -0.07 0.00	36.02 -0.04 0.00	41.43 0.12 0.00	54.68 0.22 0.00	60.27 1.18 0.00	58.15 1.25 0.00	51.80 1.61 0.00	40.17 0.67 0.00	35.43 1.23 0.00	31.36 0.91 0.00
STILLWATER___SOLAR 323814	31.58 1.07 0.00	29.05 0.98 0.00	26.75 0.93 0.00	23.59 0.82 0.00	24.16 0.84 0.00	28.02 1.03 0.00	35.94 1.48 0.00	37.36 1.47 0.00	33.95 1.31 0.00	26.36 0.87 0.20	27.35 0.76 0.50	27.73 0.77 0.54	29.78 0.81 0.98	32.43 0.88 0.94	33.64 1.01 0.98	36.10 0.90 0.86	42.10 1.03 0.24	55.61 1.58 0.44	60.93 1.95 0.10	59.06 2.16 0.00	52.00 1.80 0.00	40.96 1.46 0.00	35.36 1.16 0.00	31.64 1.19 0.00
STONY___BROOK 24151	31.30 0.79 0.00	29.01 0.95 0.00	26.33 0.52 0.00	23.09 0.32 0.00	23.72 0.40 0.00	27.59 0.59 0.00	35.63 1.17 0.00	37.25 1.36 0.00	34.21 1.57 0.00	27.63 1.72 -0.22	30.71 1.95 -1.67	31.21 2.04 -1.67	34.40 2.10 -2.35	37.57 2.08 -2.99	39.50 2.42 -3.46	42.69 2.67 -3.96	47.54 2.85 -3.39	60.39 3.54 -2.38	64.44 2.89 -2.46	61.55 3.07 -1.59	53.81 2.36 -1.25	43.39 2.21 -1.68	38.25 1.74 -2.31	31.94 1.46 -0.03
STURGEON_POOL_HYD 23609	31.03 0.52 0.00	28.57 0.51 0.00	26.18 0.36 0.00	23.06 0.30 0.00	23.67 0.35 0.00	27.43 0.43 0.00	35.35 0.90 0.00	36.93 1.04 0.00	33.66 1.01 0.00	26.75 0.95 -0.11	28.40 1.03 -0.28	28.91 1.10 -0.30	31.80 1.29 -0.55	34.36 1.33 -0.53	35.54 1.38 -0.55	38.02 1.48 -0.49	43.05 1.61 -0.13	56.78 2.07 -0.25	61.21 2.07 -0.06	58.49 1.59 0.00	51.40 1.20 0.00	40.73 1.22 0.00	35.02 0.82 0.00	31.15 0.70 0.00

ST_LAW_115_BK7_LBMP 345037	30.91 0.40 0.00	28.40 0.34 0.00	26.16 0.33 0.00	23.06 0.30 0.00	23.58 0.26 0.00	27.32 0.33 0.00	34.67 0.21 0.00	36.11 0.22 0.00	32.71 0.07 0.00	25.71 0.03 0.00	27.12 0.03 0.00	27.48 -0.03 0.00	29.93 -0.03 0.00	32.47 -0.03 0.00	33.58 -0.03 0.00	36.02 -0.04 0.00	41.31 0.00 0.00	54.68 0.22 0.00	59.32 0.24 0.00	57.06 0.17 0.00	50.45 0.25 0.00	39.58 0.08 0.00	34.27 0.07 0.00	30.60 0.15 0.00
ST_LAW_115_BK8_LBMP 345038	30.91 0.40 0.00	28.40 0.34 0.00	26.16 0.33 0.00	23.06 0.30 0.00	23.58 0.26 0.00	27.32 0.33 0.00	34.67 0.21 0.00	36.11 0.22 0.00	32.71 0.07 0.00	25.71 0.03 0.00	27.12 0.03 0.00	27.48 -0.03 0.00	29.93 -0.03 0.00	32.47 -0.03 0.00	33.58 -0.03 0.00	36.02 -0.04 0.00	41.31 0.00 0.00	54.68 0.22 0.00	59.32 0.24 0.00	57.06 0.17 0.00	50.45 0.25 0.00	39.58 0.08 0.00	34.27 0.07 0.00	30.60 0.15 0.00
ST_LAW_230_BK5_LBMP 345035	30.85 0.34 0.00	28.37 0.31 0.00	26.13 0.31 0.00	23.04 0.27 0.00	23.56 0.23 0.00	27.27 0.27 0.00	34.63 0.17 0.00	36.07 0.18 0.00	32.71 0.07 0.00	25.71 0.03 0.00	27.12 0.03 0.00	27.48 -0.03 0.00	29.93 -0.03 0.00	32.47 -0.03 0.00	33.55 -0.07 0.00	36.02 -0.04 0.00	41.31 0.00 0.00	54.68 0.22 0.00	59.32 0.24 0.00	57.01 0.11 0.00	50.40 0.20 0.00	39.54 0.04 0.00	34.27 0.07 0.00	30.60 0.15 0.00
ST_LAW_230_BK6_LBMP 345036	30.85 0.34 0.00	28.37 0.31 0.00	26.13 0.31 0.00	23.04 0.27 0.00	23.56 0.23 0.00	27.27 0.27 0.00	34.63 0.17 0.00	36.07 0.18 0.00	32.71 0.07 0.00	25.71 0.03 0.00	27.12 0.03 0.00	27.48 -0.03 0.00	29.93 -0.03 0.00	32.47 -0.03 0.00	33.55 -0.07 0.00	36.02 -0.04 0.00	41.31 0.00 0.00	54.68 0.22 0.00	59.32 0.24 0.00	57.01 0.11 0.00	50.40 0.20 0.00	39.54 0.04 0.00	34.27 0.07 0.00	30.60 0.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.97 0.46 0.00	28.48 0.42 0.00	26.16 0.34 0.00	23.02 0.25 0.00	23.65 0.33 0.00	27.40 0.40 0.00	35.32 0.86 0.00	36.86 0.97 0.00	33.66 1.01 0.00	26.76 0.90 -0.17	28.49 0.98 -0.42	29.01 1.05 -0.46	32.02 1.23 -0.83	34.57 1.27 -0.80	35.76 1.31 -0.83	38.20 1.41 -0.73	43.08 1.57 -0.20	56.69 1.85 -0.37	60.94 1.77 -0.08	58.49 1.59 0.00	51.40 1.20 0.00	40.69 1.19 0.00	35.02 0.82 0.00	31.06 0.61 0.00
SWANROAD_115KV_TB1 355699	29.99 -0.52 0.00	27.50 -0.56 0.00	25.18 -0.65 0.00	22.06 -0.71 0.00	22.81 -0.51 0.00	25.92 -1.08 0.00	32.49 -1.96 0.00	33.13 -2.76 0.00	30.65 -1.99 0.00	24.45 -1.23 0.00	25.79 -1.30 0.00	26.24 -1.27 0.00	28.49 -1.47 0.00	30.78 -1.72 0.00	31.87 -1.75 0.00	33.93 -2.13 0.00	38.74 -2.56 0.00	51.03 -3.43 0.00	56.07 -3.01 0.00	53.88 -3.02 0.00	48.34 -1.86 0.00	37.76 -1.74 0.00	33.62 -0.58 0.00	30.15 -0.30 0.00
SYNERGY___BIOGAS 323694	31.00 0.49 0.00	28.43 0.36 0.00	25.95 0.13 0.00	22.90 0.14 0.00	23.53 0.21 0.00	27.00 0.00 0.00	34.08 -0.38 0.00	35.10 -0.79 0.00	32.28 -0.36 0.00	25.51 -0.18 0.00	26.90 -0.19 0.00	27.31 -0.19 0.00	29.66 -0.30 0.00	32.21 -0.29 0.00	33.35 -0.27 0.00	35.70 -0.36 0.00	41.06 -0.25 0.00	54.30 -0.16 0.00	59.74 0.65 0.00	57.52 0.63 0.00	51.35 1.15 0.00	39.90 0.40 0.00	35.12 0.92 0.00	31.18 0.73 0.00
SYRACUSE___ENERGY_ST1 323597	30.14 -0.37 0.00	27.73 -0.34 0.00	25.49 -0.34 0.00	22.50 -0.27 0.00	23.04 -0.28 0.00	26.67 -0.32 0.00	34.15 -0.31 0.00	35.57 -0.32 0.00	32.35 -0.29 0.00	25.43 -0.26 0.00	26.82 -0.27 0.00	27.23 -0.28 0.00	29.63 -0.33 0.00	32.21 -0.29 0.00	33.31 -0.30 0.00	35.77 -0.29 0.00	41.02 -0.29 0.00	54.08 -0.38 0.00	58.91 -0.18 0.00	56.78 -0.11 0.00	50.15 -0.05 0.00	39.30 -0.20 0.00	34.13 -0.07 0.00	30.33 -0.12 0.00
SYRACUSE___ENERGY_ST2 323598	30.14 -0.37 0.00	27.73 -0.34 0.00	25.49 -0.34 0.00	22.50 -0.27 0.00	23.04 -0.28 0.00	26.67 -0.32 0.00	34.15 -0.31 0.00	35.57 -0.32 0.00	32.35 -0.29 0.00	25.43 -0.26 0.00	26.82 -0.27 0.00	27.23 -0.28 0.00	29.63 -0.33 0.00	32.21 -0.29 0.00	33.31 -0.30 0.00	35.77 -0.29 0.00	41.02 -0.29 0.00	54.08 -0.38 0.00	58.91 -0.18 0.00	56.78 -0.11 0.00	50.15 -0.05 0.00	39.30 -0.20 0.00	34.13 -0.07 0.00	30.33 -0.12 0.00
SYRACUSE___POWER 24017	30.08 -0.43 0.00	27.67 -0.39 0.00	25.44 -0.39 0.00	22.45 -0.32 0.00	23.00 -0.33 0.00	26.62 -0.38 0.00	34.08 -0.38 0.00	35.50 -0.39 0.00	32.28 -0.36 0.00	25.41 -0.28 0.00	26.79 -0.30 0.00	27.18 -0.33 0.00	29.60 -0.36 0.00	32.14 -0.36 0.00	33.25 -0.37 0.00	35.70 -0.36 0.00	40.93 -0.37 0.00	53.98 -0.49 0.00	58.73 -0.35 0.00	56.61 -0.28 0.00	50.00 -0.20 0.00	39.23 -0.28 0.00	34.06 -0.14 0.00	30.24 -0.21 0.00
TALLMAN__138KV_BK151 55660	31.09 0.58 0.00	28.60 0.53 0.00	26.26 0.44 0.00	23.11 0.34 0.00	23.74 0.42 0.00	27.48 0.49 0.00	35.53 1.07 0.00	37.11 1.22 0.00	33.92 1.27 0.00	27.03 1.16 -0.19	28.80 1.25 -0.47	29.37 1.35 -0.51	32.41 1.53 -0.93	34.98 1.59 -0.89	36.19 1.65 -0.93	38.64 1.77 -0.82	43.47 1.94 -0.23	57.23 2.34 -0.42	61.31 2.13 -0.09	58.83 1.93 0.00	51.65 1.46 0.00	40.92 1.42 0.00	35.22 1.03 0.00	31.18 0.73 0.00
TEALLAVE_115KV_TB7 355573	29.99 -0.52 0.00	27.59 -0.48 0.00	25.36 -0.46 0.00	22.38 -0.39 0.00	22.93 -0.40 0.00	26.54 -0.46 0.00	33.98 -0.48 0.00	35.39 -0.50 0.00	32.19 -0.46 0.00	25.33 -0.36 0.00	26.71 -0.38 0.00	27.12 -0.39 0.00	29.51 -0.45 0.00	32.04 -0.45 0.00	33.18 -0.44 0.00	35.56 -0.50 0.00	40.77 -0.54 0.00	53.76 -0.71 0.00	58.50 -0.59 0.00	56.38 -0.51 0.00	49.80 -0.40 0.00	39.03 -0.47 0.00	33.93 -0.27 0.00	30.15 -0.30 0.00
TELGRAPH_34_KV_EAST 80808	30.54 0.03 0.00	28.01 -0.06 0.00	25.59 -0.23 0.00	22.54 -0.23 0.00	23.21 -0.12 0.00	26.54 -0.46 0.00	33.42 -1.03 0.00	34.24 -1.65 0.00	31.60 -1.04 0.00	25.07 -0.62 0.00	26.44 -0.65 0.00	26.90 -0.61 0.00	29.21 -0.75 0.00	31.62 -0.88 0.00	32.78 -0.84 0.00	34.98 -1.08 0.00	40.07 -1.24 0.00	52.89 -1.58 0.00	58.14 -0.95 0.00	55.87 -1.02 0.00	50.00 -0.20 0.00	38.95 -0.55 0.00	34.47 0.27 0.00	30.73 0.27 0.00
TEMPLE___115KV_TB 2 55572	30.02 -0.49 0.00	27.61 -0.45 0.00	25.36 -0.46 0.00	22.38 -0.39 0.00	22.93 -0.40 0.00	26.54 -0.46 0.00	33.98 -0.48 0.00	35.39 -0.50 0.00	32.19 -0.46 0.00	25.33 -0.36 0.00	26.71 -0.38 0.00	27.12 -0.39 0.00	29.51 -0.45 0.00	32.08 -0.42 0.00	33.18 -0.44 0.00	35.59 -0.47 0.00	40.77 -0.54 0.00	53.76 -0.71 0.00	58.50 -0.59 0.00	56.38 -0.51 0.00	49.80 -0.40 0.00	39.07 -0.43 0.00	33.96 -0.24 0.00	30.15 -0.30 0.00
TIANA____69_KV_BK 1 55817	31.51 1.01 0.00	28.87 0.81 0.00	26.23 0.41 0.00	22.97 0.20 0.00	23.60 0.28 0.00	27.40 0.40 0.00	35.49 1.03 0.00	37.11 1.22 0.00	34.01 1.37 0.00	27.47 1.57 -0.22	30.56 1.84 -1.63	31.03 1.90 -1.62	34.14 1.89 -2.30	37.23 1.82 -2.91	39.14 2.15 -3.37	42.54 2.63 -3.85	47.51 2.93 -3.27	60.26 3.49 -2.31	64.71 3.25 -2.37	61.21 2.79 -1.53	53.41 2.01 -1.20	43.33 2.21 -1.61	37.88 1.47 -2.21	31.69 1.22 -0.02

TILDEN___115KV_TB1 80814	30.08 -0.43 0.00	27.67 -0.39 0.00	25.44 -0.39 0.00	22.45 -0.32 0.00	23.00 -0.33 0.00	26.62 -0.38 0.00	34.08 -0.38 0.00	35.50 -0.39 0.00	32.28 -0.36 0.00	25.41 -0.28 0.00	26.79 -0.30 0.00	27.18 -0.33 0.00	29.60 -0.36 0.00	32.14 -0.36 0.00	33.25 -0.37 0.00	35.70 -0.36 0.00	40.93 -0.37 0.00	53.98 -0.49 0.00	58.73 -0.35 0.00	56.61 -0.28 0.00	50.00 -0.20 0.00	39.23 -0.28 0.00	34.06 -0.14 0.00	30.24 -0.21 0.00
TRIGEN___CC 323695	31.69 1.16 -0.02	29.04 0.95 -0.02	26.46 0.62 -0.02	23.18 0.41 0.00	23.81 0.49 0.00	27.66 0.65 -0.01	35.73 1.27 0.00	37.36 1.47 0.00	34.28 1.63 0.00	27.65 1.72 -0.24	38.32 1.87 -9.36	38.42 1.95 -8.97	43.07 2.16 -10.95	50.98 2.21 -16.27	55.73 2.42 -19.69	62.90 2.45 -24.39	68.77 2.60 -24.86	73.94 3.16 -16.31	80.96 3.01 -18.86	72.26 2.84 -12.52	62.26 2.21 -9.85	54.96 2.25 -13.20	53.70 1.85 -17.65	32.19 1.49 -0.25
TRINITY___115KV___4 BK 55933	31.09 0.58 0.00	28.63 0.56 0.00	26.37 0.54 0.00	23.25 0.48 0.00	23.81 0.49 0.00	27.59 0.59 0.00	35.39 0.93 0.00	36.86 0.97 0.00	33.56 0.91 0.00	26.26 0.74 0.17	27.44 0.79 0.43	27.86 0.83 0.47	30.00 0.90 0.85	32.59 0.91 0.82	33.74 0.97 0.85	36.39 1.08 0.75	42.26 1.16 0.21	55.44 1.36 0.38	60.42 1.42 0.09	58.32 1.42 0.00	51.30 1.10 0.00	40.57 1.07 0.00	34.99 0.79 0.00	31.18 0.73 0.00
UNION___PROCESSING_DRP 323587	30.33 -0.18 0.00	27.84 -0.22 0.00	25.49 -0.34 0.00	22.56 -0.20 0.00	23.09 -0.23 0.00	26.70 -0.30 0.00	33.87 -0.59 0.00	35.21 -0.68 0.00	32.25 -0.39 0.00	25.41 -0.28 0.00	26.79 -0.30 0.00	27.23 -0.28 0.00	29.60 -0.36 0.00	32.14 -0.36 0.00	33.28 -0.34 0.00	35.70 -0.36 0.00	41.02 -0.29 0.00	54.19 -0.27 0.00	59.26 0.18 0.00	57.12 0.23 0.00	50.70 0.50 0.00	39.54 0.04 0.00	34.54 0.34 0.00	30.60 0.15 0.00
UPPER HUDSON___HYD 24058	31.94 1.43 0.00	29.36 1.29 0.00	27.06 1.24 0.00	23.86 1.09 0.00	24.40 1.07 0.00	28.35 1.35 0.00	36.39 1.93 0.00	37.86 1.97 0.00	34.37 1.73 0.00	26.66 1.16 0.18	27.51 0.87 0.45	27.87 0.85 0.49	29.94 0.87 0.88	32.59 0.94 0.85	33.84 1.11 0.88	35.75 0.47 0.78	41.59 0.50 0.21	55.32 1.25 0.40	60.71 1.71 0.09	59.06 2.16 0.00	51.95 1.76 0.00	40.80 1.30 0.00	35.22 1.03 0.00	32.03 1.58 0.00
UPPER RAQUET___HYD 24056	31.52 1.01 0.00	28.99 0.92 0.00	26.75 0.93 0.00	23.56 0.80 0.00	24.16 0.84 0.00	28.02 1.03 0.00	35.56 1.10 0.00	37.11 1.22 0.00	33.46 0.82 0.00	26.20 0.51 0.00	27.63 0.54 0.00	27.97 0.47 0.00	30.46 0.51 0.00	33.11 0.62 0.00	34.25 0.64 0.00	36.64 0.58 0.00	41.93 0.62 0.00	55.61 1.15 0.00	60.50 1.42 0.00	58.20 1.31 0.00	51.65 1.46 0.00	40.45 0.95 0.00	35.16 0.96 0.00	31.40 0.95 0.00
VALLEY44_115KV_TB2 355964	29.96 -0.55 0.00	27.50 -0.56 0.00	25.20 -0.62 0.00	22.29 -0.48 0.00	22.86 -0.47 0.00	26.21 -0.78 0.00	33.42 -1.03 0.00	33.99 -1.90 0.00	31.24 -1.40 0.00	24.87 -0.82 0.00	26.30 -0.79 0.00	26.76 -0.74 0.00	29.03 -0.93 0.00	31.43 -1.07 0.00	32.51 -1.11 0.00	34.69 -1.37 0.00	39.90 -1.40 0.00	52.34 -2.12 0.00	57.55 -1.54 0.00	55.30 -1.59 0.00	49.44 -0.75 0.00	38.44 -1.07 0.00	34.13 -0.07 0.00	30.24 -0.21 0.00
VALLEY___115KV_TB 1-4 80826	30.91 0.40 0.00	28.43 0.36 0.00	26.18 0.36 0.00	23.09 0.32 0.00	23.67 0.35 0.00	27.40 0.40 0.00	35.01 0.55 0.00	36.50 0.61 0.00	33.17 0.52 0.00	26.07 0.39 0.00	27.52 0.43 0.00	27.95 0.44 0.00	30.41 0.45 0.00	33.02 0.52 0.00	34.19 0.57 0.00	36.71 0.65 0.00	42.05 0.74 0.00	55.45 0.98 0.00	60.21 1.12 0.00	58.03 1.14 0.00	51.15 0.95 0.00	40.29 0.79 0.00	34.78 0.58 0.00	30.94 0.49 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.30 0.79 0.00	28.85 0.79 0.00	26.57 0.75 0.00	23.43 0.66 0.00	24.05 0.72 0.00	27.83 0.84 0.00	35.59 1.14 0.00	37.18 1.29 0.00	33.75 1.11 0.00	26.51 0.82 0.00	27.96 0.87 0.00	28.36 0.85 0.00	30.88 0.93 0.00	33.57 1.07 0.00	34.83 1.21 0.00	37.32 1.26 0.00	42.83 1.53 0.00	56.48 2.02 0.00	61.39 2.30 0.00	59.23 2.33 0.00	52.31 2.11 0.00	41.12 1.62 0.00	35.46 1.27 0.00	31.46 1.00 0.00
VISCHER___FERRY HYD 24020	31.21 0.70 0.00	28.71 0.65 0.00	26.44 0.62 0.00	23.34 0.57 0.00	23.91 0.58 0.00	27.70 0.70 0.00	35.49 1.03 0.00	36.97 1.08 0.00	33.66 1.01 0.00	26.21 0.77 0.25	27.23 0.76 0.61	27.63 0.80 0.67	29.61 0.87 1.22	32.24 0.91 1.17	33.34 0.94 1.21	36.00 1.01 1.07	42.08 1.07 0.30	55.33 1.41 0.55	60.44 1.48 0.12	58.43 1.54 0.00	51.40 1.20 0.00	40.61 1.10 0.00	35.05 0.86 0.00	31.27 0.82 0.00
V_A_10_SYNC_DSASP 323832	30.02 -0.49 0.00	27.53 -0.53 0.00	25.20 -0.62 0.00	22.34 -0.43 0.00	22.83 -0.49 0.00	26.27 -0.73 0.00	32.98 -1.48 0.00	33.77 -2.12 0.00	31.21 -1.44 0.00	24.81 -0.87 0.00	26.17 -0.92 0.00	26.65 -0.85 0.00	28.94 -1.02 0.00	31.26 -1.23 0.00	32.37 -1.24 0.00	34.51 -1.55 0.00	39.45 -1.86 0.00	51.96 -2.51 0.00	56.96 -2.13 0.00	54.73 -2.16 0.00	48.99 -1.20 0.00	38.32 -1.19 0.00	33.96 -0.24 0.00	30.21 -0.24 0.00
V_CMM_10_SYNC_DSASP 323787	31.03 0.52 0.00	28.54 0.48 0.00	26.29 0.46 0.00	23.18 0.41 0.00	23.67 0.35 0.00	27.43 0.43 0.00	34.84 0.38 0.00	36.29 0.39 0.00	32.87 0.23 0.00	25.82 0.13 0.00	27.23 0.14 0.00	27.59 0.08 0.00	30.05 0.09 0.00	32.63 0.13 0.00	33.72 0.10 0.00	36.17 0.11 0.00	41.51 0.21 0.00	55.01 0.54 0.00	59.68 0.59 0.00	57.35 0.46 0.00	50.75 0.55 0.00	39.74 0.24 0.00	34.44 0.24 0.00	30.76 0.30 0.00
V_CMP_10_SYNC_DSASP 323788	31.61 1.10 0.00	29.05 0.98 0.00	26.78 0.96 0.00	23.59 0.82 0.00	24.09 0.77 0.00	27.94 0.94 0.00	35.97 1.51 0.00	38.33 2.44 0.00	34.60 1.96 0.00	27.13 1.44 0.00	28.58 1.49 0.00	28.96 1.46 0.00	31.57 1.62 0.00	34.28 1.79 0.00	35.36 1.75 0.00	38.04 1.98 0.00	43.87 2.56 0.00	58.60 4.14 0.00	63.57 4.49 0.00	60.99 4.10 0.00	53.91 3.71 0.00	41.71 2.21 0.00	36.11 1.91 0.00	32.31 1.86 0.00
V_D_10_SYNC_DSASP 323841	31.33 0.82 0.00	28.82 0.76 0.00	26.57 0.75 0.00	23.40 0.64 0.00	23.93 0.61 0.00	27.70 0.70 0.00	35.18 0.72 0.00	36.61 0.72 0.00	33.10 0.46 0.00	26.00 0.31 0.00	27.42 0.33 0.00	27.78 0.28 0.00	30.26 0.30 0.00	32.86 0.36 0.00	33.95 0.34 0.00	36.42 0.36 0.00	41.80 0.50 0.00	55.45 0.98 0.00	60.21 1.12 0.00	57.86 0.97 0.00	51.20 1.00 0.00	40.06 0.55 0.00	34.74 0.55 0.00	31.06 0.61 0.00
V_E_10_SYNC_DSASP 323830	32.19 1.68 0.00	29.72 1.66 0.00	27.42 1.60 0.00	24.18 1.41 0.00	24.86 1.54 0.00	28.81 1.81 0.00	36.87 2.41 0.00	38.55 2.66 0.00	34.60 1.96 0.00	26.90 1.21 0.00	28.31 1.22 0.00	28.66 1.16 0.00	31.12 1.17 0.00	34.06 1.56 0.00	35.46 1.85 0.00	38.19 2.13 0.00	44.20 2.89 0.00	58.60 4.14 0.00	64.46 5.38 0.00	62.53 5.63 0.00	55.37 5.17 0.00	43.13 3.63 0.00	37.00 2.80 0.00	32.67 2.22 0.00

V_F_30_NSYNC___DSASP 323816	31.61 1.10 0.00	29.05 0.98 0.00	26.78 0.96 0.00	23.61 0.84 0.00	24.16 0.84 0.00	28.02 1.03 0.00	35.94 1.48 0.00	37.40 1.51 0.00	33.98 1.34 0.00	26.42 0.92 0.19	27.43 0.81 0.47	27.81 0.82 0.52	29.89 0.87 0.94	32.54 0.94 0.90	33.76 1.08 0.94	36.21 0.97 0.82	42.19 1.12 0.23	55.73 1.69 0.42	61.00 2.01 0.10	59.17 2.28 0.00	52.06 1.86 0.00	41.00 1.50 0.00	35.40 1.20 0.00	31.67 1.22 0.00
V_F_30_SYNC_DSASP 323786	31.21 0.70 0.00	28.71 0.65 0.00	26.44 0.62 0.00	23.31 0.55 0.00	23.88 0.56 0.00	27.67 0.67 0.00	35.49 1.03 0.00	36.97 1.08 0.00	33.69 1.04 0.00	26.34 0.82 0.17	27.52 0.87 0.43	27.91 0.88 0.47	30.06 0.96 0.86	32.68 1.01 0.82	33.84 1.08 0.85	36.53 1.23 0.75	42.42 1.32 0.21	55.72 1.63 0.38	60.71 1.71 0.09	58.60 1.71 0.00	51.55 1.36 0.00	40.73 1.22 0.00	35.16 0.96 0.00	31.30 0.85 0.00
V_XM_10_SYNC_DSASP 323789	31.61 1.10 0.00	29.05 0.98 0.00	26.78 0.96 0.00	23.59 0.82 0.00	24.09 0.77 0.00	27.94 0.94 0.00	35.97 1.51 0.00	38.33 2.44 0.00	34.60 1.96 0.00	27.13 1.44 0.00	28.58 1.49 0.00	28.96 1.46 0.00	31.57 1.62 0.00	34.28 1.79 0.00	35.36 1.75 0.00	38.04 1.98 0.00	43.87 2.56 0.00	58.60 4.14 0.00	63.57 4.49 0.00	60.99 4.10 0.00	53.91 3.71 0.00	41.71 2.21 0.00	36.11 1.91 0.00	32.31 1.86 0.00
W.BABYLN_69_KV_BK1 56697	31.94 1.43 0.00	29.27 1.21 0.00	26.62 0.80 0.00	23.29 0.52 0.00	23.93 0.61 0.00	27.83 0.84 0.00	36.01 1.55 0.00	37.65 1.76 0.00	34.54 1.89 0.00	27.86 1.95 -0.22	32.18 2.19 -2.90	32.62 2.28 -2.83	36.14 2.46 -3.72	40.08 2.47 -5.11	42.46 2.79 -6.06	46.28 2.99 -7.23	51.47 3.35 -6.82	63.07 4.03 -4.57	68.05 3.90 -5.06	63.82 3.58 -3.34	55.58 2.76 -2.63	45.83 2.80 -3.52	41.14 2.15 -4.79	32.31 1.80 -0.06
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.21 0.70 0.00	28.71 0.65 0.00	26.37 0.54 0.00	23.20 0.43 0.00	23.84 0.51 0.00	27.62 0.62 0.00	35.66 1.21 0.00	37.26 1.36 0.00	34.08 1.44 0.00	27.14 1.26 -0.20	28.93 1.35 -0.49	29.49 1.46 -0.53	32.56 1.65 -0.96	35.14 1.72 -0.92	36.36 1.78 -0.96	38.85 1.95 -0.84	43.69 2.15 -0.23	57.51 2.61 -0.43	61.67 2.48 -0.10	59.11 2.22 0.00	51.95 1.76 0.00	41.12 1.62 0.00	35.36 1.16 0.00	31.33 0.88 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.43 0.92 0.00	28.85 0.79 0.00	26.52 0.70 0.00	23.29 0.52 0.00	23.98 0.65 0.00	27.75 0.76 0.00	35.94 1.48 0.00	37.65 1.76 0.00	34.50 1.86 0.00	27.61 1.70 -0.22	29.43 1.79 -0.55	30.01 1.90 -0.61	33.24 2.19 -1.10	35.82 2.27 -1.05	37.06 2.35 -1.09	39.51 2.49 -0.96	44.22 2.64 -0.27	58.17 3.21 -0.49	62.21 3.01 -0.11	59.57 2.67 0.00	52.25 2.06 0.00	41.44 1.94 0.00	35.60 1.40 0.00	31.55 1.10 0.00
W50THST__13_KV_LOAD 356117	31.58 1.07 0.00	28.99 0.93 0.00	26.65 0.83 0.00	23.38 0.61 0.00	24.09 0.77 0.00	27.89 0.89 0.00	36.11 1.65 0.00	37.87 1.97 0.00	34.73 2.09 0.00	27.76 1.85 -0.22	29.62 1.98 -0.55	30.20 2.09 -0.61	33.45 2.40 -1.10	36.05 2.50 -1.05	37.30 2.59 -1.09	39.80 2.78 -0.96	44.50 2.93 -0.27	58.61 3.65 -0.49	62.62 3.43 -0.11	59.91 3.02 0.00	52.56 2.36 0.00	41.68 2.17 0.00	35.81 1.61 0.00	31.70 1.25 0.00
WADING RIVER_IC_1 23522	30.78 0.27 0.00	28.51 0.45 0.00	25.87 0.05 0.00	22.70 -0.07 0.00	23.32 0.00 0.00	27.08 0.08 0.00	35.01 0.55 0.00	36.61 0.72 0.00	33.62 0.98 0.00	27.14 1.23 -0.22	30.17 1.46 -1.62	30.64 1.51 -1.62	33.66 1.41 -2.29	36.74 1.33 -2.91	38.62 1.65 -3.36	41.95 2.05 -3.84	46.75 2.19 -3.25	59.49 2.72 -2.30	63.69 2.24 -2.36	60.58 2.16 -1.52	52.85 1.46 -1.20	42.61 1.50 -1.61	37.46 1.06 -2.20	31.33 0.85 -0.02
WADING RIVER_IC_2 23547	30.78 0.27 0.00	28.51 0.45 0.00	25.87 0.05 0.00	22.70 -0.07 0.00	23.32 0.00 0.00	27.08 0.08 0.00	35.01 0.55 0.00	36.61 0.72 0.00	33.62 0.98 0.00	27.14 1.23 -0.22	30.17 1.46 -1.62	30.64 1.51 -1.62	33.66 1.41 -2.29	36.74 1.33 -2.91	38.62 1.65 -3.36	41.95 2.05 -3.84	46.75 2.19 -3.25	59.49 2.72 -2.30	63.69 2.24 -2.36	60.58 2.16 -1.52	52.85 1.46 -1.20	42.61 1.50 -1.61	37.46 1.06 -2.20	31.33 0.85 -0.02
WADING RIVER_IC_3 23601	30.78 0.27 0.00	28.51 0.45 0.00	25.87 0.05 0.00	22.70 -0.07 0.00	23.32 0.00 0.00	27.08 0.08 0.00	35.01 0.55 0.00	36.61 0.72 0.00	33.62 0.98 0.00	27.14 1.23 -0.22	30.17 1.46 -1.62	30.64 1.51 -1.62	33.66 1.41 -2.29	36.74 1.33 -2.91	38.62 1.65 -3.36	41.95 2.05 -3.84	46.75 2.19 -3.25	59.49 2.72 -2.30	63.69 2.24 -2.36	60.58 2.16 -1.52	52.85 1.46 -1.20	42.61 1.50 -1.61	37.46 1.06 -2.20	31.33 0.85 -0.02
WALDENNY_12_KV_BK2 80841	30.45 -0.06 0.00	27.92 -0.14 0.00	25.54 -0.28 0.00	22.54 -0.23 0.00	23.14 -0.19 0.00	26.51 -0.49 0.00	33.42 -1.03 0.00	34.10 -1.79 0.00	31.47 -1.18 0.00	25.07 -0.62 0.00	26.49 -0.60 0.00	26.98 -0.52 0.00	29.27 -0.69 0.00	31.69 -0.81 0.00	32.81 -0.81 0.00	34.94 -1.12 0.00	40.03 -1.28 0.00	52.72 -1.74 0.00	57.90 -1.18 0.00	55.64 -1.25 0.00	49.80 -0.40 0.00	38.79 -0.71 0.00	34.51 0.31 0.00	30.69 0.24 0.00
WALDEN___HYDRO 24148	31.09 0.58 0.00	28.63 0.56 0.00	26.26 0.44 0.00	23.11 0.34 0.00	23.74 0.42 0.00	27.51 0.51 0.00	35.46 1.00 0.00	37.00 1.11 0.00	33.75 1.11 0.00	26.83 0.98 -0.16	28.52 1.03 -0.40	29.04 1.10 -0.44	32.04 1.29 -0.79	34.59 1.33 -0.76	35.78 1.38 -0.79	38.27 1.51 -0.70	43.19 1.69 -0.19	56.95 2.12 -0.36	61.23 2.07 -0.08	58.77 1.88 0.00	51.65 1.46 0.00	40.88 1.38 0.00	35.16 0.96 0.00	31.18 0.73 0.00
WARRENSBURG____ 23737	31.94 1.43 0.00	29.35 1.29 0.00	27.06 1.24 0.00	23.86 1.09 0.00	24.40 1.07 0.00	28.35 1.35 0.00	36.39 1.93 0.00	37.87 1.97 0.00	34.37 1.73 0.00	26.66 1.16 0.18	27.51 0.87 0.45	27.87 0.85 0.49	29.94 0.87 0.88	32.59 0.94 0.85	33.84 1.11 0.88	35.75 0.47 0.78	41.63 0.54 0.21	55.32 1.25 0.40	60.71 1.71 0.09	59.06 2.16 0.00	51.95 1.76 0.00	40.81 1.30 0.00	35.22 1.03 0.00	32.03 1.58 0.00
WATERSIDE____6 8 9 23538	31.46 0.95 0.00	28.82 0.76 0.00	26.52 0.70 0.00	23.29 0.52 0.00	24.00 0.68 0.00	27.62 0.62 0.00	35.94 1.48 0.00	37.54 1.65 0.00	34.44 1.80 0.00	27.68 1.77 -0.22	29.51 1.87 -0.55	30.06 1.95 -0.61	33.33 2.28 -1.10	35.92 2.37 -1.05	37.16 2.45 -1.09	39.51 2.49 -0.96	44.26 2.68 -0.27	58.23 3.27 -0.49	62.15 2.95 -0.11	59.28 2.39 0.00	51.90 1.71 0.00	41.24 1.74 0.00	35.67 1.47 0.00	31.49 1.04 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.75 0.24 0.00	28.32 0.25 0.00	26.06 0.23 0.00	22.97 0.20 0.00	23.56 0.23 0.00	27.27 0.27 0.00	34.84 0.38 0.00	36.32 0.43 0.00	33.00 0.36 0.00	25.97 0.28 0.00	27.39 0.30 0.00	27.81 0.30 0.00	30.29 0.33 0.00	32.89 0.39 0.00	34.02 0.40 0.00	36.53 0.47 0.00	41.84 0.54 0.00	55.17 0.71 0.00	59.85 0.77 0.00	57.75 0.85 0.00	50.90 0.70 0.00	40.06 0.55 0.00	34.61 0.41 0.00	30.79 0.33 0.00

WDELAWARE___HYD 323627	31.30 0.79 0.00	28.82 0.76 0.00	26.39 0.57 0.00	23.25 0.48 0.00	23.86 0.54 0.00	27.70 0.70 0.00	35.63 1.17 0.00	37.18 1.29 0.00	33.82 1.17 0.00	26.77 0.95 -0.13	28.41 1.00 -0.32	28.90 1.04 -0.35	31.82 1.23 -0.63	34.44 1.33 -0.61	35.66 1.41 -0.63	38.17 1.55 -0.56	43.23 1.77 -0.15	57.26 2.51 -0.28	61.75 2.60 -0.06	59.28 2.39 0.00	52.21 2.01 0.00	41.20 1.70 0.00	35.40 1.20 0.00	31.43 0.97 0.00
WEST BABYLON___IC 23714	31.94 1.43 0.00	29.27 1.21 0.00	26.62 0.80 0.00	23.29 0.52 0.00	23.93 0.61 0.00	27.83 0.84 0.00	36.01 1.55 0.00	37.65 1.76 0.00	34.54 1.89 0.00	27.86 1.95 -0.22	32.18 2.19 -2.90	32.62 2.28 -2.83	36.14 2.46 -3.72	40.08 2.47 -5.11	42.46 2.79 -6.06	46.28 2.99 -7.23	51.47 3.35 -6.82	63.07 4.03 -4.57	68.05 3.90 -5.06	63.82 3.58 -3.34	55.58 2.76 -2.63	45.83 2.80 -3.52	41.14 2.15 -4.79	32.31 1.80 -0.06
WEST CANADA___HYD 24049	30.51 0.00 0.00	28.09 0.03 0.00	25.85 0.03 0.00	22.79 0.02 0.00	23.35 0.02 0.00	27.02 0.03 0.00	34.56 0.10 0.00	36.00 0.11 0.00	32.74 0.10 0.00	25.77 0.08 0.00	27.17 0.08 0.00	27.59 0.08 0.00	30.05 0.09 0.00	32.60 0.10 0.00	33.75 0.14 0.00	36.17 0.11 0.00	41.43 0.12 0.00	54.63 0.16 0.00	59.26 0.18 0.00	57.06 0.17 0.00	50.35 0.15 0.00	39.66 0.16 0.00	34.27 0.07 0.00	30.51 0.06 0.00
WESTERN_NY_WIND 24143	30.97 0.46 0.00	28.40 0.34 0.00	25.95 0.13 0.00	22.88 0.11 0.00	23.53 0.21 0.00	26.97 -0.03 0.00	34.04 -0.41 0.00	35.03 -0.86 0.00	32.25 -0.39 0.00	25.46 -0.23 0.00	26.87 -0.22 0.00	27.29 -0.22 0.00	29.63 -0.33 0.00	32.14 -0.36 0.00	33.31 -0.30 0.00	35.66 -0.40 0.00	40.98 -0.33 0.00	54.19 -0.27 0.00	59.62 0.53 0.00	57.41 0.51 0.00	51.25 1.05 0.00	39.82 0.32 0.00	35.09 0.89 0.00	31.18 0.73 0.00
WESTOVER___LESR 323668	30.48 -0.03 0.00	28.01 -0.06 0.00	25.75 -0.08 0.00	22.72 -0.05 0.00	23.30 -0.02 0.00	26.92 -0.08 0.00	34.42 -0.03 0.00	35.68 -0.22 0.00	32.51 -0.13 0.00	25.64 -0.05 0.00	27.04 -0.05 0.00	27.48 -0.03 0.00	29.87 -0.09 0.00	32.43 -0.06 0.00	33.55 -0.07 0.00	35.99 -0.07 0.00	41.31 0.00 0.00	54.36 -0.11 0.00	59.20 0.12 0.00	57.06 0.17 0.00	50.55 0.35 0.00	39.58 0.08 0.00	34.54 0.34 0.00	30.63 0.18 0.00
WETHRSFD_WT_PWR 323626	30.36 -0.15 0.00	27.84 -0.23 0.00	25.54 -0.28 0.00	22.54 -0.23 0.00	23.11 -0.21 0.00	26.56 -0.43 0.00	33.63 -0.83 0.00	34.42 -1.47 0.00	31.44 -1.21 0.00	24.94 -0.75 0.00	26.33 -0.76 0.00	26.79 -0.72 0.00	29.12 -0.84 0.00	31.55 -0.94 0.00	32.67 -0.94 0.00	34.90 -1.16 0.00	40.36 -0.95 0.00	52.61 -1.85 0.00	58.02 -1.06 0.00	55.87 -1.02 0.00	49.95 -0.25 0.00	39.15 -0.36 0.00	34.51 0.31 0.00	30.67 0.21 0.00
WHAVSTOR_138KV_BK127 55557	31.09 0.58 0.00	28.60 0.53 0.00	26.26 0.44 0.00	23.11 0.34 0.00	23.74 0.42 0.00	27.51 0.51 0.00	35.53 1.07 0.00	37.11 1.22 0.00	33.95 1.31 0.00	27.07 1.18 -0.20	28.85 1.27 -0.49	29.42 1.38 -0.53	32.48 1.56 -0.97	35.05 1.62 -0.93	36.26 1.68 -0.96	38.71 1.80 -0.85	43.48 1.94 -0.23	57.24 2.34 -0.43	61.31 2.13 -0.10	58.83 1.93 0.00	51.65 1.46 0.00	40.92 1.42 0.00	35.19 0.99 0.00	31.21 0.76 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.09 0.58 0.00	28.60 0.53 0.00	26.26 0.44 0.00	23.11 0.34 0.00	23.74 0.42 0.00	27.51 0.51 0.00	35.53 1.07 0.00	37.11 1.22 0.00	33.95 1.31 0.00	27.07 1.18 -0.20	28.85 1.27 -0.49	29.42 1.38 -0.53	32.48 1.56 -0.97	35.05 1.62 -0.93	36.26 1.68 -0.96	38.71 1.80 -0.85	43.48 1.94 -0.23	57.24 2.34 -0.43	61.31 2.13 -0.10	58.83 1.93 0.00	51.65 1.46 0.00	40.92 1.42 0.00	35.19 0.99 0.00	31.21 0.76 0.00
WHITEHAL_115KV_TB1 80871	32.37 1.86 0.00	29.69 1.63 0.00	27.40 1.58 0.00	24.16 1.39 0.00	24.68 1.35 0.00	28.72 1.73 0.00	36.90 2.45 0.00	38.40 2.51 0.00	34.80 2.15 0.00	26.94 1.44 0.18	27.80 1.16 0.46	28.13 1.13 0.50	30.16 1.11 0.91	32.86 1.23 0.87	34.19 1.48 0.90	36.27 1.01 0.80	42.37 1.28 0.22	56.29 2.23 0.41	61.95 2.95 0.09	60.42 3.53 0.00	53.11 2.91 0.00	41.60 2.09 0.00	35.87 1.68 0.00	32.46 2.01 0.00
WHITEPLN_13_KV_LOAD 356215	31.49 0.98 0.00	28.93 0.87 0.00	26.57 0.75 0.00	23.34 0.57 0.00	24.02 0.70 0.00	27.83 0.84 0.00	35.97 1.52 0.00	37.69 1.79 0.00	34.50 1.86 0.00	27.58 1.67 -0.22	29.40 1.76 -0.55	30.00 1.90 -0.60	33.17 2.13 -1.08	35.81 2.27 -1.04	37.08 2.39 -1.08	39.54 2.52 -0.95	44.38 2.81 -0.26	58.49 3.54 -0.49	62.51 3.31 -0.11	59.97 3.07 0.00	52.56 2.36 0.00	41.56 2.05 0.00	35.67 1.47 0.00	31.64 1.19 0.00
WM_FLOYD_69_KV_BK2 356380	31.42 0.92 0.00	28.79 0.73 0.00	26.15 0.34 0.00	22.93 0.16 0.00	23.56 0.23 0.00	27.34 0.35 0.00	35.42 0.96 0.00	37.04 1.15 0.00	33.95 1.31 0.00	27.40 1.49 -0.22	30.47 1.73 -1.65	30.94 1.79 -1.64	34.05 1.77 -2.32	37.14 1.69 -2.95	39.04 2.02 -3.41	42.34 2.38 -3.90	47.31 2.68 -3.32	59.97 3.16 -2.34	64.39 2.90 -2.41	61.01 2.56 -1.56	53.28 1.86 -1.22	43.24 2.09 -1.64	37.89 1.44 -2.26	31.66 1.19 -0.02
WOODARD___115KV_TB2 355635	29.96 -0.55 0.00	27.56 -0.51 0.00	25.33 -0.49 0.00	22.36 -0.41 0.00	22.90 -0.42 0.00	26.51 -0.49 0.00	33.91 -0.55 0.00	35.35 -0.54 0.00	32.15 -0.49 0.00	25.28 -0.41 0.00	26.68 -0.41 0.00	27.07 -0.44 0.00	29.48 -0.48 0.00	32.01 -0.49 0.00	33.11 -0.50 0.00	35.56 -0.50 0.00	40.73 -0.58 0.00	53.70 -0.76 0.00	58.44 -0.65 0.00	56.32 -0.57 0.00	49.75 -0.45 0.00	38.99 -0.51 0.00	33.89 -0.31 0.00	30.09 -0.37 0.00
WOODMERE_69_KV_BK1 55827	32.09 1.53 -0.06	29.41 1.29 -0.06	26.78 0.90 -0.06	23.43 0.66 0.00	24.09 0.77 0.00	27.98 0.94 -0.04	36.11 1.65 0.00	37.72 1.83 0.00	34.63 1.99 0.00	28.00 2.03 -0.28	47.56 2.22 -18.25	47.23 2.31 -17.41	53.41 2.55 -20.91	66.80 2.66 -31.63	75.00 2.92 -38.46	87.04 2.99 -47.99	94.20 3.22 -49.68	91.07 4.03 -32.58	100.99 4.02 -37.89	85.81 3.75 -25.16	73.06 3.06 -19.80	68.92 2.88 -26.54	70.89 2.39 -34.30	32.86 1.92 -0.49
YORK___WARBASSE 23770	31.46 0.95 0.00	28.79 0.73 0.00	26.47 0.65 0.00	23.27 0.50 0.00	24.00 0.68 0.00	27.54 0.54 0.00	36.04 1.59 0.00	37.51 1.62 0.00	34.41 1.76 0.00	27.73 1.82 -0.22	29.57 1.92 -0.55	30.06 1.95 -0.61	33.36 2.31 -1.10	35.99 2.44 -1.05	37.16 2.45 -1.09	39.44 2.42 -0.96	44.17 2.60 -0.27	58.12 3.16 -0.49	62.03 2.84 -0.11	59.17 2.28 0.00	51.75 1.56 0.00	41.16 1.66 0.00	35.81 1.61 0.00	31.43 0.97 0.00