

# Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion									
Generator Data		01/31/2024																							
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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
	38.79	36.07	35.17	34.50	35.80	37.45	45.38	51.03	51.17	47.68	46.19	42.38	41.39	42.23	42.36	43.01	46.68	51.13	48.73	44.92	41.21	39.20	36.57	34.35	
	2.16	1.88	1.90	1.83	1.77	1.85	2.93	3.56	3.88	3.70	3.42	3.21	3.17	3.49	3.50	3.48	3.70	4.00	3.78	3.67	3.02	2.74	2.49	2.13	
74TH STREET_GT_1 24260		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	38.72	36.00	35.07	34.41	35.73	37.38	45.25	50.89	51.07	47.72	46.28	42.38	41.47	42.04	42.20	42.86	46.59	51.18	48.77	44.92	41.41	39.16	36.54	34.28	
	2.09	1.81	1.80	1.73	1.70	1.78	2.80	3.42	3.78	3.74	3.51	3.21	3.25	3.29	3.34	3.32	3.61	4.05	3.82	3.67	3.21	2.70	2.45	2.06	
74TH STREET_GT_2 24261		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	38.72	36.00	35.07	34.41	35.73	37.38	45.25	50.89	51.07	47.72	46.28	42.38	41.47	42.04	42.20	42.86	46.59	51.18	48.77	44.92	41.41	39.16	36.54	34.28	
	2.09	1.81	1.80	1.73	1.70	1.78	2.80	3.42	3.78	3.74	3.51	3.21	3.25	3.29	3.34	3.32	3.61	4.05	3.82	3.67	3.21	2.70	2.45	2.06	
ADK HUDSON___FALLS 24011		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	38.13	35.59	34.70	34.15	35.56	37.31	45.04	50.32	50.46	46.58	45.25	41.04	39.98	40.33	40.49	41.19	44.96	49.43	47.42	43.39	40.03	37.81	35.24	33.25	
	1.50	1.40	1.43	1.47	1.53	1.71	2.59	2.85	3.17	2.60	2.48	1.88	1.76	1.59	1.63	1.66	1.98	2.31	2.47	2.14	1.83	1.35	1.16	1.03	
ADK RESOURCE___RCVRY 23798		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	38.20	35.69	34.80	34.24	35.70	37.45	45.25	50.55	50.74	46.84	45.42	41.24	40.09	40.53	40.65	41.31	45.13	49.62	47.60	43.56	40.03	37.88	35.27	33.28	
	1.57	1.50	1.53	1.57	1.67	1.85	2.80	3.08	3.45	2.86	2.65	2.07	1.87	1.78	1.79	1.78	2.15	2.50	2.65	2.31	1.83	1.42	1.19	1.06	
ADK S GLENS___FALLS 24028		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	38.13	35.59	34.70	34.15	35.56	37.31	45.04	50.32	50.46	46.58	45.25	41.04	39.98	40.33	40.49	41.19	44.96	49.43	47.42	43.39	40.03	37.81	35.24	33.25	
	1.50	1.40	1.43	1.47	1.53	1.71	2.59	2.85	3.17	2.60	2.48	1.88	1.76	1.59	1.63	1.66	1.98	2.31	2.47	2.14	1.83	1.35	1.16	1.03	
ADK_NYS___DAM 23527		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	38.71	36.10	35.13	34.50	35.90	37.67	45.21	50.60	50.51	46.89	45.42	41.40	40.36	40.99	41.31	42.03	45.73	50.23	47.96	44.09	40.57	38.65	36.13	34.09	
	2.09	1.91	1.86	1.83	1.87	2.06	2.76	3.13	3.22	2.90	2.65	2.23	2.14	2.25	2.45	2.49	2.75	3.11	3.01	2.84	2.37	2.19	2.04	1.87	
AIR_PRODUCTS___DRP 24190		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	37.87	35.39	34.47	33.85	35.22	36.85	44.06	49.27	48.52	44.86	43.54	40.07	39.10	39.63	39.83	40.48	43.84	48.21	46.03	42.28	39.23	37.37	35.38	33.41	
	1.25	1.20	1.20	1.18	1.19	1.25	1.61	1.80	1.23	0.88	0.77	0.90	0.88	0.89	0.97	0.95	0.86	1.08	1.08	1.03	1.03	0.91	1.30	1.19	
AKWESSNE_115KV_BK 355683		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	36.88	34.43	33.50	32.87	34.27	35.64	41.98	47.04	46.86	43.59	42.43	38.85	37.88	38.36	38.51	39.14	42.51	46.65	44.46	40.67	37.82	36.43	34.05	32.25	
	0.26	0.24	0.23	0.20	0.24	0.04	-0.47	-0.43	-0.43	-0.40	-0.34	-0.31	-0.34	-0.39	-0.35	-0.40	-0.47	-0.47	-0.49	-0.58	-0.38	-0.04	-0.03	0.03	
ALBANY_1_SOLAR 323833		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	38.31	35.80	34.84	34.21	35.63	37.28	44.62	49.80	49.37	45.66	44.31	40.61	39.59	40.25	40.41	41.07	44.61	49.01	46.84	43.02	39.73	37.92	35.65	33.74	
	1.69	1.61	1.56	1.54	1.60	1.67	2.16	2.33	2.08	1.67	1.54	1.45	1.37	1.51	1.56	1.54	1.63	1.89	1.89	1.77	1.53	1.46	1.57	1.51	
ALBANY_2_SOLAR 323834		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	38.31	35.80	34.84	34.21	35.60	37.28	44.62	49.80	49.37	45.66	44.27	40.61	39.59	40.22	40.41	41.07	44.61	48.96	46.84	43.02	39.73	37.88	35.65	33.74	
	1.69	1.61	1.56	1.54	1.57	1.67	2.16	2.33	2.08	1.67	1.50	1.45	1.37	1.47	1.56	1.54	1.63	1.84	1.89	1.77	1.53	1.42	1.57	1.51	
ALBANY___1 23571		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	37.87	35.39	34.47	33.85	35.22	36.85	44.06	49.27	48.52	44.86	43.54	40.07	39.10	39.63	39.83	40.48	43.84	48.21	46.03	42.28	39.23	37.37	35.38	33.41	
	1.25	1.20	1.20	1.18	1.19	1.25	1.61	1.80	1.23	0.88	0.77	0.90	0.88	0.89	0.97	0.95	0.86	1.08	1.08	1.03	1.03	0.91	1.30	1.19	

ALBANY___2 23572	37.87 1.25 0.00	35.39 1.20 0.00	34.47 1.20 0.00	33.85 1.18 0.00	35.22 1.19 0.00	36.85 1.25 0.00	44.06 1.61 0.00	49.27 1.80 0.00	48.52 1.23 0.00	44.86 0.88 0.00	43.54 0.77 0.00	40.07 0.90 0.00	39.10 0.88 0.00	39.63 0.89 0.00	39.83 0.97 0.00	40.48 0.95 0.00	43.84 0.86 0.00	48.21 1.08 0.00	46.03 1.08 0.00	42.28 1.03 0.00	39.23 1.03 0.00	37.37 0.91 0.00	35.38 1.30 0.00	33.41 1.19 0.00
ALBANY___3 23573	37.87 1.25 0.00	35.39 1.20 0.00	34.47 1.20 0.00	33.85 1.18 0.00	35.22 1.19 0.00	36.85 1.25 0.00	44.06 1.61 0.00	49.27 1.80 0.00	48.52 1.23 0.00	44.86 0.88 0.00	43.54 0.77 0.00	40.07 0.90 0.00	39.10 0.88 0.00	39.63 0.89 0.00	39.83 0.97 0.00	40.48 0.95 0.00	43.84 0.86 0.00	48.21 1.08 0.00	46.03 1.08 0.00	42.28 1.03 0.00	39.23 1.03 0.00	37.37 0.91 0.00	35.38 1.30 0.00	33.41 1.19 0.00
ALBANY___4 23574	37.87 1.25 0.00	35.39 1.20 0.00	34.47 1.20 0.00	33.85 1.18 0.00	35.22 1.19 0.00	36.85 1.25 0.00	44.06 1.61 0.00	49.27 1.80 0.00	48.52 1.23 0.00	44.86 0.88 0.00	43.54 0.77 0.00	40.07 0.90 0.00	39.10 0.88 0.00	39.63 0.89 0.00	39.83 0.97 0.00	40.48 0.95 0.00	43.84 0.86 0.00	48.21 1.08 0.00	46.03 1.08 0.00	42.28 1.03 0.00	39.23 1.03 0.00	37.37 0.91 0.00	35.38 1.30 0.00	33.41 1.19 0.00
ALBANY___LFGE 323615	38.09 1.47 0.00	35.59 1.40 0.00	34.67 1.40 0.00	34.05 1.37 0.00	35.43 1.40 0.00	37.06 1.46 0.00	44.41 1.95 0.00	49.66 2.18 0.00	49.04 1.75 0.00	45.35 1.37 0.00	44.05 1.28 0.00	40.46 1.29 0.00	39.44 1.22 0.00	40.10 1.36 0.00	40.25 1.40 0.00	40.92 1.38 0.00	44.31 1.33 0.00	48.68 1.55 0.00	46.48 1.53 0.00	42.69 1.44 0.00	39.50 1.30 0.00	37.66 1.20 0.00	35.58 1.50 0.00	33.61 1.38 0.00
ALCOA_PA_115KV_PL-6C 55860	37.03 0.40 0.00	34.60 0.41 0.00	33.64 0.37 0.00	33.00 0.33 0.00	34.41 0.37 0.00	35.75 0.14 0.00	42.11 -0.34 0.00	47.19 -0.28 0.00	47.01 -0.28 0.00	43.72 -0.26 0.00	42.56 -0.21 0.00	38.97 -0.20 0.00	37.99 -0.23 0.00	38.47 -0.27 0.00	38.62 -0.23 0.00	39.26 -0.28 0.00	42.64 -0.34 0.00	46.79 -0.33 0.00	44.55 -0.40 0.00	40.75 -0.49 0.00	37.85 -0.34 0.00	36.50 0.04 0.00	34.12 0.03 0.00	32.35 0.13 0.00
ALCOA_RYNLDS___DRP 24188	37.03 0.40 0.00	34.60 0.41 0.00	33.64 0.37 0.00	33.00 0.33 0.00	34.41 0.37 0.00	35.75 0.14 0.00	42.11 -0.34 0.00	47.19 -0.28 0.00	47.01 -0.28 0.00	43.72 -0.26 0.00	42.56 -0.21 0.00	38.97 -0.20 0.00	37.99 -0.23 0.00	38.47 -0.27 0.00	38.62 -0.23 0.00	39.26 -0.28 0.00	42.64 -0.34 0.00	46.79 -0.33 0.00	44.55 -0.40 0.00	40.75 -0.49 0.00	37.85 -0.34 0.00	36.50 0.04 0.00	34.12 0.03 0.00	32.35 0.13 0.00
ALCOA___DSASP 323711	37.03 0.40 0.00	34.60 0.41 0.00	33.64 0.37 0.00	33.00 0.33 0.00	34.41 0.38 0.00	35.75 0.14 0.00	42.11 -0.34 0.00	47.19 -0.28 0.00	47.01 -0.28 0.00	43.72 -0.26 0.00	42.56 -0.21 0.00	38.97 -0.19 0.00	38.03 -0.19 0.00	38.47 -0.27 0.00	38.63 -0.23 0.00	39.26 -0.27 0.00	42.64 -0.35 0.00	46.80 -0.33 0.00	44.59 -0.36 0.00	40.75 -0.49 0.00	38.08 -0.11 0.00	36.50 0.04 0.00	34.12 0.03 0.00	32.35 0.13 0.00
ALLEGHENY___COGEN 23514	35.09 -1.54 0.00	32.79 -1.40 0.00	31.81 -1.46 0.00	31.30 -1.37 0.00	32.84 -1.19 0.00	34.96 -0.64 0.00	42.20 -0.25 0.00	46.47 -1.00 0.00	45.82 -1.47 0.00	42.67 -1.32 0.00	41.57 -1.20 0.00	38.22 -0.94 0.00	37.19 -1.03 0.00	37.66 -1.08 0.00	37.50 -1.36 0.00	38.47 -1.07 0.00	42.29 -0.69 0.00	45.90 -1.23 0.00	43.87 -1.08 0.00	40.26 -0.99 0.00	36.56 -1.64 0.00	34.60 -1.86 0.00	32.24 -1.84 0.00	30.68 -1.55 0.00
ALTAMONT_115KV_TB 2 55880	37.76 1.14 0.00	35.25 1.06 0.00	34.30 1.03 0.00	33.69 1.01 0.00	35.05 1.02 0.00	36.71 1.10 0.00	44.02 1.57 0.00	49.23 1.76 0.00	48.95 1.66 0.00	45.39 1.41 0.00	44.10 1.33 0.00	40.38 1.21 0.00	39.44 1.22 0.00	39.98 1.24 0.00	40.18 1.32 0.00	40.84 1.30 0.00	44.40 1.42 0.00	48.73 1.60 0.00	46.52 1.57 0.00	42.73 1.48 0.00	39.53 1.34 0.00	37.59 1.13 0.00	35.24 1.16 0.00	33.29 1.06 0.00
ALTONA_WT_PWR 323606	38.17 1.54 0.00	35.62 1.44 0.00	34.64 1.36 0.00	33.98 1.31 0.00	35.43 1.40 0.00	36.92 1.32 0.00	43.09 0.64 0.00	48.28 0.81 0.00	48.14 0.85 0.00	44.78 0.79 0.00	43.71 0.94 0.00	40.03 0.86 0.00	39.02 0.80 0.00	39.44 0.70 0.00	39.56 0.70 0.00	40.21 0.67 0.00	43.58 0.60 0.00	47.92 0.80 0.00	45.49 0.54 0.00	41.33 0.08 0.00	38.47 0.27 0.00	36.64 0.18 0.00	34.18 0.10 0.00	32.71 0.48 0.00
AMERICAN_REF_FUEL 24010	32.89 -3.74 0.00	30.84 -3.35 0.00	29.88 -3.39 0.00	29.38 -3.30 0.00	30.77 -3.27 0.00	32.86 -2.74 0.00	39.22 -3.23 0.00	42.39 -5.08 0.00	41.61 -5.68 0.00	39.01 -4.97 0.00	38.45 -4.32 0.00	35.37 -3.80 0.00	34.44 -3.78 0.00	34.71 -4.03 0.00	34.43 -4.43 0.00	35.11 -4.43 0.00	38.42 -4.56 0.00	41.33 -5.80 0.00	39.47 -5.49 0.00	36.54 -4.70 0.00	33.08 -5.12 0.00	31.47 -4.99 0.00	29.69 -4.40 0.00	28.64 -3.58 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.54 -2.09 0.00	32.34 -1.85 0.00	31.38 -1.90 0.00	30.85 -1.83 0.00	32.40 -1.63 0.00	34.61 -1.00 0.00	41.64 -0.81 0.00	45.34 -2.14 0.00	44.55 -2.74 0.00	41.74 -2.24 0.00	41.23 -1.54 0.00	37.91 -1.25 0.00	36.85 -1.37 0.00	37.23 -1.51 0.00	36.80 -2.06 0.00	37.44 -2.10 0.00	40.88 -2.11 0.00	44.20 -2.92 0.00	41.98 -2.97 0.00	38.57 -2.68 0.00	34.84 -3.36 0.00	32.96 -3.50 0.00	30.81 -3.27 0.00	29.80 -2.42 0.00
ARTHUR KILL_GT_1 23520	38.71 2.09 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.28 1.60 0.00	35.60 1.57 0.00	37.17 1.56 0.00	44.91 2.46 0.00	50.74 3.27 0.00	51.04 3.69 -0.06	47.74 3.52 -0.24	45.99 3.21 -0.01	42.14 2.98 0.00	41.17 2.94 -0.01	41.93 3.18 -0.01	42.09 3.22 -0.01	42.93 3.28 -0.11	46.48 3.48 -0.02	66.95 3.96 -15.87	101.25 3.78 -52.52	44.95 3.59 -0.11	41.33 3.02 -0.11	39.14 2.63 -0.06	36.52 2.38 -0.06	34.38 2.16 0.00
ARTHUR_KILL_2 23512	38.60 1.98 0.00	35.80 1.61 0.00	34.87 1.60 0.00	34.18 1.50 0.00	35.50 1.46 0.00	37.10 1.50 0.00	44.83 2.38 0.00	50.60 3.13 0.00	50.90 3.55 -0.06	47.61 3.39 -0.24	45.86 3.08 -0.01	42.02 2.86 0.00	41.06 2.83 -0.01	41.81 3.06 -0.01	41.97 3.11 -0.01	42.77 3.12 -0.11	46.36 3.35 -0.02	66.81 3.82 -15.87	101.11 3.64 -52.52	44.83 3.47 -0.11	41.21 2.90 -0.11	39.03 2.51 -0.06	36.42 2.28 -0.06	34.29 2.06 0.00
ARTHUR_KILL_3 23513	38.34 1.72 0.01	35.68 1.50 0.01	34.76 1.50 0.01	34.10 1.44 0.01	35.39 1.36 0.01	37.02 1.43 0.01	44.82 2.38 0.01	50.41 2.94 0.01	50.65 3.31 -0.05	47.47 3.25 -0.23	45.76 2.99 0.00	41.99 2.82 0.00	41.01 2.79 0.00	41.69 2.94 0.00	41.81 2.95 0.00	42.61 2.97 -0.10	46.09 3.10 -0.01	66.47 3.49 -15.86	100.79 3.33 -52.51	44.57 3.22 -0.10	40.94 2.63 -0.10	38.85 2.34 -0.05	36.28 2.15 -0.05	33.99 1.77 0.00

ARTHUR_KILL_COGEN 323718	38.71 2.09 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.28 1.60 0.00	35.60 1.57 0.00	37.17 1.56 0.00	44.91 2.46 0.00	50.74 3.27 0.00	51.04 3.69 -0.06	47.74 3.52 -0.24	45.99 3.21 -0.01	42.14 2.98 0.00	41.17 2.94 -0.01	41.93 3.18 -0.01	42.09 3.22 -0.01	42.93 3.28 -0.11	46.48 3.48 -0.02	66.95 3.96 -15.87	101.25 3.78 -52.52	44.95 3.59 -0.11	41.33 3.02 -0.11	39.14 2.63 -0.06	36.52 2.38 -0.06	34.38 2.16 0.00
ASHOKAN____ 23654	38.83 2.20 0.00	36.17 1.98 0.00	35.27 2.00 0.00	34.64 1.96 0.00	35.94 1.90 0.00	37.67 2.06 0.00	45.25 2.80 0.00	50.22 2.75 0.00	49.84 2.55 0.00	45.97 1.98 0.00	44.48 1.71 0.00	40.69 1.53 0.00	39.59 1.37 0.00	40.22 1.47 0.00	40.41 1.56 0.00	41.19 1.66 0.00	44.87 1.89 0.00	49.34 2.22 0.00	47.47 2.52 0.00	43.43 2.18 0.00	39.92 1.72 0.00	38.21 1.75 0.00	35.92 1.84 0.00	33.99 1.77 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.64 2.01 0.00	35.86 1.67 0.00	34.93 1.66 0.00	34.24 1.57 0.00	35.57 1.53 0.00	37.10 1.50 0.00	44.91 2.46 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.51 3.52 -0.01	46.07 3.29 -0.01	42.22 3.06 0.00	41.25 3.02 -0.01	42.04 3.29 -0.01	42.17 3.30 -0.01	42.86 3.32 -0.01	46.55 3.57 0.00	50.95 3.82 -0.01	48.65 3.69 -0.01	44.93 3.67 -0.01	41.22 3.02 -0.01	39.16 2.70 0.00	36.64 2.56 0.00	34.32 2.09 0.00
ASTORIA_EAST_ENERGY_CC2 323582	38.64 2.01 0.00	35.86 1.67 0.00	34.93 1.66 0.00	34.24 1.57 0.00	35.57 1.53 0.00	37.10 1.50 0.00	44.91 2.46 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.51 3.52 -0.01	46.07 3.29 -0.01	42.22 3.06 0.00	41.25 3.02 -0.01	42.04 3.29 -0.01	42.17 3.30 -0.01	42.86 3.32 -0.01	46.55 3.57 0.00	50.95 3.82 -0.01	48.65 3.69 -0.01	44.93 3.67 -0.01	41.22 3.02 -0.01	39.16 2.70 0.00	36.64 2.56 0.00	34.32 2.09 0.00
ASTORIA_GT2_1 24094	38.68 2.05 0.00	35.90 1.71 0.00	34.94 1.66 0.00	34.24 1.57 0.00	35.56 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.56 3.56 -0.01	46.28 3.51 -0.01	42.30 3.13 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.78 3.24 -0.01	46.59 3.61 0.00	51.00 3.86 -0.01	48.64 3.69 -0.01	44.97 3.71 -0.01	41.41 3.21 -0.01	39.16 2.70 0.00	36.64 2.56 0.00	34.32 2.09 0.00
ASTORIA_GT2_2 24095	38.68 2.05 0.00	35.90 1.71 0.00	34.94 1.66 0.00	34.24 1.57 0.00	35.56 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.56 3.56 -0.01	46.28 3.51 -0.01	42.30 3.13 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.78 3.24 -0.01	46.59 3.61 0.00	51.00 3.86 -0.01	48.64 3.69 -0.01	44.97 3.71 -0.01	41.41 3.21 -0.01	39.16 2.70 0.00	36.64 2.56 0.00	34.32 2.09 0.00
ASTORIA_GT2_3 24096	38.68 2.05 0.00	35.90 1.71 0.00	34.94 1.66 0.00	34.24 1.57 0.00	35.56 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.56 3.56 -0.01	46.28 3.51 -0.01	42.30 3.13 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.78 3.24 -0.01	46.59 3.61 0.00	51.00 3.86 -0.01	48.64 3.69 -0.01	44.97 3.71 -0.01	41.41 3.21 -0.01	39.16 2.70 0.00	36.64 2.56 0.00	34.32 2.09 0.00
ASTORIA_GT2_4 24097	38.68 2.05 0.00	35.90 1.71 0.00	34.94 1.66 0.00	34.24 1.57 0.00	35.56 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.56 3.56 -0.01	46.28 3.51 -0.01	42.30 3.13 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.78 3.24 -0.01	46.59 3.61 0.00	51.00 3.86 -0.01	48.64 3.69 -0.01	44.97 3.71 -0.01	41.41 3.21 -0.01	39.16 2.70 0.00	36.64 2.56 0.00	34.32 2.09 0.00
ASTORIA_GT3_1 24098	38.68 2.05 0.00	35.90 1.71 0.00	34.94 1.66 0.00	34.24 1.57 0.00	35.56 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.56 3.56 -0.01	46.28 3.51 -0.01	42.30 3.13 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.78 3.24 -0.01	46.59 3.61 0.00	51.00 3.86 -0.01	48.64 3.69 -0.01	44.97 3.71 -0.01	41.41 3.21 -0.01	39.16 2.70 0.00	36.64 2.56 0.00	34.32 2.09 0.00
ASTORIA_GT3_2 24099	38.68 2.05 0.00	35.90 1.71 0.00	34.94 1.66 0.00	34.24 1.57 0.00	35.56 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.56 3.56 -0.01	46.28 3.51 -0.01	42.30 3.13 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.78 3.24 -0.01	46.59 3.61 0.00	51.00 3.86 -0.01	48.64 3.69 -0.01	44.97 3.71 -0.01	41.41 3.21 -0.01	39.16 2.70 0.00	36.64 2.56 0.00	34.32 2.09 0.00
ASTORIA_GT3_3 24100	38.68 2.05 0.00	35.90 1.71 0.00	34.94 1.66 0.00	34.24 1.57 0.00	35.56 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.56 3.56 -0.01	46.28 3.51 -0.01	42.30 3.13 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.78 3.24 -0.01	46.59 3.61 0.00	51.00 3.86 -0.01	48.64 3.69 -0.01	44.97 3.71 -0.01	41.41 3.21 -0.01	39.16 2.70 0.00	36.64 2.56 0.00	34.32 2.09 0.00
ASTORIA_GT3_4 24101	38.68 2.05 0.00	35.90 1.71 0.00	34.94 1.66 0.00	34.24 1.57 0.00	35.56 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.56 3.56 -0.01	46.28 3.51 -0.01	42.30 3.13 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.78 3.24 -0.01	46.59 3.61 0.00	51.00 3.86 -0.01	48.64 3.69 -0.01	44.97 3.71 -0.01	41.41 3.21 -0.01	39.16 2.70 0.00	36.64 2.56 0.00	34.32 2.09 0.00
ASTORIA_GT4_1 24102	38.68 2.05 0.00	35.90 1.71 0.00	34.94 1.66 0.00	34.24 1.57 0.00	35.56 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.56 3.56 -0.01	46.28 3.51 -0.01	42.30 3.13 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.78 3.24 -0.01	46.59 3.61 0.00	51.00 3.86 -0.01	48.64 3.69 -0.01	44.97 3.71 -0.01	41.41 3.21 -0.01	39.16 2.70 0.00	36.64 2.56 0.00	34.32 2.09 0.00
ASTORIA_GT4_2 24103	38.68 2.05 0.00	35.90 1.71 0.00	34.94 1.66 0.00	34.24 1.57 0.00	35.56 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.56 3.56 -0.01	46.28 3.51 -0.01	42.30 3.13 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.78 3.24 -0.01	46.59 3.61 0.00	51.00 3.86 -0.01	48.64 3.69 -0.01	44.97 3.71 -0.01	41.41 3.21 -0.01	39.16 2.70 0.00	36.64 2.56 0.00	34.32 2.09 0.00
ASTORIA_GT4_3 24104	38.68 2.05 0.00	35.90 1.71 0.00	34.94 1.66 0.00	34.24 1.57 0.00	35.56 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.56 3.56 -0.01	46.28 3.51 -0.01	42.30 3.13 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.78 3.24 -0.01	46.59 3.61 0.00	51.00 3.86 -0.01	48.64 3.69 -0.01	44.97 3.71 -0.01	41.41 3.21 -0.01	39.16 2.70 0.00	36.64 2.56 0.00	34.32 2.09 0.00

ASTORIA_GT4_4 24105	38.68 2.05 0.00	35.90 1.71 0.00	34.94 1.66 0.00	34.24 1.57 0.00	35.56 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.56 3.56 -0.01	46.28 3.51 -0.01	42.30 3.13 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.78 3.24 -0.01	46.59 3.61 0.00	51.00 3.86 -0.01	48.64 3.69 -0.01	44.97 3.71 -0.01	41.41 3.21 -0.01	39.16 2.70 0.00	36.64 2.56 0.00	34.32 2.09 0.00
ASTORIA_GT_1 23523	38.71 2.09 0.00	35.93 1.74 0.00	35.00 1.73 0.00	34.31 1.63 0.00	35.63 1.60 0.00	37.17 1.56 0.00	45.04 2.59 0.00	50.84 3.37 0.00	51.08 3.78 0.00	47.64 3.65 -0.01	46.16 3.38 -0.01	42.30 3.13 0.00	41.36 3.13 -0.01	42.16 3.41 -0.01	42.29 3.42 -0.01	42.98 3.44 -0.01	46.68 3.70 0.00	51.09 3.96 -0.01	48.74 3.78 -0.01	45.05 3.79 -0.01	41.34 3.13 -0.01	39.23 2.77 0.00	36.71 2.62 0.00	34.38 2.16 0.00
ASTORIA_GT_10 24110	38.64 2.01 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.75 3.28 0.00	50.98 3.69 0.00	47.66 3.65 -0.03	46.24 3.46 -0.01	42.30 3.13 0.00	41.40 3.17 -0.01	41.97 3.22 -0.01	42.13 3.26 -0.01	42.78 3.24 -0.01	46.51 3.52 0.00	51.68 3.96 -0.59	48.73 3.78 -0.01	44.89 3.63 -0.01	41.38 3.17 -0.01	39.12 2.66 0.00	36.50 2.42 0.00	34.25 2.03 0.00
ASTORIA_GT_11 24225	38.64 2.01 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.75 3.28 0.00	50.98 3.69 0.00	47.66 3.65 -0.03	46.24 3.46 -0.01	42.30 3.13 0.00	41.40 3.17 -0.01	41.97 3.22 -0.01	42.13 3.26 -0.01	42.78 3.24 -0.01	46.51 3.52 0.00	51.68 3.96 -0.59	48.73 3.78 -0.01	44.89 3.63 -0.01	41.38 3.17 -0.01	39.12 2.66 0.00	36.50 2.42 0.00	34.25 2.03 0.00
ASTORIA_GT_12 24226	38.64 2.01 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.75 3.28 0.00	50.98 3.69 0.00	47.66 3.65 -0.03	46.24 3.46 -0.01	42.30 3.13 0.00	41.40 3.17 -0.01	41.97 3.22 -0.01	42.13 3.26 -0.01	42.78 3.24 -0.01	46.51 3.52 0.00	51.68 3.96 -0.59	48.73 3.78 -0.01	44.89 3.63 -0.01	41.38 3.17 -0.01	39.12 2.66 0.00	36.50 2.42 0.00	34.25 2.03 0.00
ASTORIA_GT_13 24227	38.64 2.01 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.75 3.28 0.00	50.98 3.69 0.00	47.66 3.65 -0.03	46.24 3.46 -0.01	42.30 3.13 0.00	41.40 3.17 -0.01	41.97 3.22 -0.01	42.13 3.26 -0.01	42.78 3.24 -0.01	46.51 3.52 0.00	51.68 3.96 -0.59	48.73 3.78 -0.01	44.89 3.63 -0.01	41.38 3.17 -0.01	39.12 2.66 0.00	36.50 2.42 0.00	34.25 2.03 0.00
ASTORIA_GT_5 24106	38.72 2.09 0.00	35.93 1.74 0.00	35.00 1.73 0.00	34.31 1.63 0.00	35.63 1.60 0.00	37.17 1.57 0.00	45.04 2.59 0.00	50.79 3.32 0.00	51.03 3.74 0.00	47.64 3.65 -0.01	46.37 3.59 -0.01	42.38 3.21 0.00	41.51 3.29 -0.01	42.08 3.33 -0.01	42.25 3.38 -0.01	42.86 3.32 -0.01	46.68 3.70 0.00	51.09 3.96 -0.01	48.73 3.78 -0.01	45.05 3.79 -0.01	41.49 3.28 -0.01	39.23 2.77 0.00	36.71 2.62 0.00	34.38 2.16 0.00
ASTORIA_GT_7 24107	38.72 2.09 0.00	35.93 1.74 0.00	35.00 1.73 0.00	34.31 1.63 0.00	35.63 1.60 0.00	37.17 1.57 0.00	45.04 2.59 0.00	50.79 3.32 0.00	51.03 3.74 0.00	47.64 3.65 -0.01	46.37 3.59 -0.01	42.38 3.21 0.00	41.51 3.29 -0.01	42.08 3.33 -0.01	42.25 3.38 -0.01	42.86 3.32 -0.01	46.68 3.70 0.00	51.09 3.96 -0.01	48.73 3.78 -0.01	45.05 3.79 -0.01	41.49 3.28 -0.01	39.23 2.77 0.00	36.71 2.62 0.00	34.38 2.16 0.00
ASTORIA_GT_8 24108	38.72 2.09 0.00	35.93 1.74 0.00	35.00 1.73 0.00	34.31 1.63 0.00	35.63 1.60 0.00	37.17 1.57 0.00	45.04 2.59 0.00	50.79 3.32 0.00	51.03 3.74 0.00	47.64 3.65 -0.01	46.37 3.59 -0.01	42.38 3.21 0.00	41.51 3.29 -0.01	42.08 3.33 -0.01	42.25 3.38 -0.01	42.86 3.32 -0.01	46.68 3.70 0.00	51.09 3.96 -0.01	48.73 3.78 -0.01	45.05 3.79 -0.01	41.49 3.28 -0.01	39.23 2.77 0.00	36.71 2.62 0.00	34.38 2.16 0.00
ASTORIA___2 24149	38.68 2.05 0.00	35.90 1.71 0.00	34.93 1.66 0.00	34.24 1.57 0.00	35.57 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.74 3.27 0.00	50.98 3.69 0.00	47.55 3.56 -0.01	46.07 3.29 -0.01	42.22 3.06 0.00	41.29 3.06 -0.01	42.08 3.33 -0.01	42.21 3.34 -0.01	42.90 3.36 -0.01	46.59 3.61 0.00	51.00 3.86 -0.01	48.65 3.69 -0.01	44.97 3.71 -0.01	41.26 3.06 -0.01	39.16 2.70 0.00	36.64 2.56 0.00	34.32 2.09 0.00
ASTORIA___3 23516	38.64 2.01 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.79 3.32 0.00	51.03 3.74 0.00	47.66 3.65 -0.03	46.16 3.38 -0.01	42.34 3.17 0.00	41.36 3.13 -0.01	42.04 3.29 -0.01	42.17 3.30 -0.01	42.86 3.32 -0.01	46.51 3.53 0.00	51.68 3.96 -0.59	48.74 3.78 -0.01	44.89 3.63 -0.01	41.22 3.02 -0.01	39.12 2.66 0.00	36.50 2.42 0.00	34.25 2.03 0.00
ASTORIA___4 23517	38.64 2.01 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.75 3.28 0.00	50.98 3.69 0.00	47.66 3.65 -0.03	46.24 3.46 -0.01	42.30 3.13 0.00	41.40 3.17 -0.01	41.97 3.22 -0.01	42.13 3.26 -0.01	42.78 3.24 -0.01	46.51 3.52 0.00	51.68 3.96 -0.59	48.73 3.78 -0.01	44.89 3.63 -0.01	41.38 3.17 -0.01	39.12 2.66 0.00	36.50 2.42 0.00	34.25 2.03 0.00
ASTORIA___5 23518	38.64 2.01 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.79 3.32 0.00	51.03 3.74 0.00	47.66 3.65 -0.03	46.16 3.38 -0.01	42.34 3.17 0.00	41.36 3.13 -0.01	42.04 3.29 -0.01	42.17 3.30 -0.01	42.86 3.32 -0.01	46.51 3.53 0.00	51.68 3.96 -0.59	48.74 3.78 -0.01	44.89 3.63 -0.01	41.22 3.02 -0.01	39.12 2.66 0.00	36.50 2.42 0.00	34.25 2.03 0.00
AST_ENERGY_2_CC3 323677	38.53 1.90 0.00	35.83 1.64 0.00	34.93 1.66 0.00	34.24 1.57 0.00	35.57 1.53 0.00	37.21 1.60 0.00	45.00 2.55 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.42 3.43 0.00	45.85 3.08 0.00	42.06 2.90 0.00	41.09 2.87 0.00	41.77 3.02 0.00	41.89 3.03 0.00	42.62 3.09 0.00	46.21 3.23 0.00	50.75 3.63 0.00	48.41 3.46 0.00	44.55 3.30 0.00	40.95 2.75 0.00	38.90 2.44 0.00	36.33 2.25 0.00	34.09 1.87 0.00
AST_ENERGY_2_CC4 323678	38.53 1.90 0.00	35.83 1.64 0.00	34.93 1.66 0.00	34.24 1.57 0.00	35.57 1.53 0.00	37.21 1.60 0.00	45.00 2.55 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.42 3.43 0.00	45.85 3.08 0.00	42.06 2.90 0.00	41.09 2.87 0.00	41.77 3.02 0.00	41.89 3.03 0.00	42.62 3.09 0.00	46.21 3.23 0.00	50.75 3.63 0.00	48.41 3.46 0.00	44.55 3.30 0.00	40.95 2.75 0.00	38.90 2.44 0.00	36.33 2.25 0.00	34.09 1.87 0.00

ATHENS_STG_1 23668	37.87 1.25 0.00	35.32 1.13 0.00	34.40 1.13 0.00	33.79 1.11 0.00	35.12 1.09 0.00	36.74 1.14 0.00	44.19 1.74 0.00	49.46 1.99 0.00	49.42 2.13 0.00	45.92 1.93 0.00	44.57 1.80 0.00	40.81 1.64 0.00	39.82 1.60 0.00	40.45 1.70 0.00	40.61 1.75 0.00	41.31 1.78 0.00	44.87 1.89 0.00	49.29 2.17 0.00	47.02 2.07 0.00	43.23 1.98 0.00	39.80 1.60 0.00	37.92 1.46 0.00	35.45 1.36 0.00	33.41 1.19 0.00
ATHENS_STG_2 23670	37.87 1.25 0.00	35.32 1.13 0.00	34.40 1.13 0.00	33.79 1.11 0.00	35.12 1.09 0.00	36.74 1.14 0.00	44.19 1.74 0.00	49.46 1.99 0.00	49.42 2.13 0.00	45.92 1.93 0.00	44.57 1.80 0.00	40.81 1.64 0.00	39.82 1.60 0.00	40.45 1.70 0.00	40.61 1.75 0.00	41.31 1.78 0.00	44.87 1.89 0.00	49.29 2.17 0.00	47.02 2.07 0.00	43.23 1.98 0.00	39.80 1.60 0.00	37.92 1.46 0.00	35.45 1.36 0.00	33.41 1.19 0.00
ATHENS_STG_3 23677	37.87 1.25 0.00	35.32 1.13 0.00	34.40 1.13 0.00	33.79 1.11 0.00	35.12 1.09 0.00	36.74 1.14 0.00	44.19 1.74 0.00	49.46 1.99 0.00	49.42 2.13 0.00	45.92 1.93 0.00	44.57 1.80 0.00	40.81 1.64 0.00	39.82 1.60 0.00	40.45 1.70 0.00	40.61 1.75 0.00	41.31 1.78 0.00	44.87 1.89 0.00	49.29 2.17 0.00	47.02 2.07 0.00	43.23 1.98 0.00	39.80 1.60 0.00	37.92 1.46 0.00	35.45 1.36 0.00	33.41 1.19 0.00
AUBURN___LFGE 323710	36.08 -0.55 0.00	33.71 -0.48 0.00	32.77 -0.50 0.00	32.22 -0.46 0.00	33.66 -0.37 0.00	35.50 -0.11 0.00	42.66 0.21 0.00	47.71 0.24 0.00	47.34 0.05 0.00	44.03 0.04 0.00	42.90 0.13 0.00	39.32 0.16 0.00	38.33 0.11 0.00	38.90 0.15 0.00	38.90 0.04 0.00	39.61 0.08 0.00	43.07 0.09 0.00	47.12 0.00 0.00	45.00 0.04 0.00	41.29 0.04 0.00	38.08 -0.11 0.00	36.02 -0.44 0.00	33.57 -0.51 0.00	31.80 -0.42 0.00
BABYLON_RES_REC 323704	55.19 2.82 -15.74	47.24 2.53 -10.52	45.89 2.50 -10.12	45.90 2.42 -10.81	47.24 2.42 -10.79	58.75 2.60 -20.55	64.47 3.82 -18.19	68.29 4.51 -16.31	77.96 4.83 -25.84	65.91 4.53 -17.40	52.53 4.24 -5.52	51.66 3.88 -8.62	50.85 3.78 -8.84	50.70 3.99 -7.96	51.54 4.00 -8.68	52.60 4.11 -8.96	61.36 4.43 -13.95	73.52 4.95 -21.45	71.45 4.76 -21.73	63.98 4.50 -18.24	57.84 3.82 -15.83	53.32 3.43 -13.43	48.88 3.10 -11.70	45.06 2.71 -10.13
BABYLON__69_KV_BK2 356345	55.66 3.30 -15.74	47.65 2.94 -10.52	46.32 2.93 -10.12	46.32 2.84 -10.81	47.68 2.86 -10.79	59.29 3.13 -20.55	65.14 4.50 -18.19	69.05 5.27 -16.31	78.66 5.53 -25.84	66.57 5.19 -17.40	53.25 4.96 -5.52	52.25 4.46 -8.62	51.49 4.43 -8.84	51.20 4.49 -7.96	52.12 4.59 -8.68	53.16 4.67 -8.96	62.09 5.16 -13.95	74.37 5.80 -21.45	72.21 5.53 -21.73	64.68 5.20 -18.24	58.69 4.66 -15.83	53.91 4.01 -13.43	49.36 3.58 -11.70	45.47 3.13 -10.13
BALL_HILL_WT_PWR 323825	34.21 -2.42 0.00	32.04 -2.15 0.00	31.07 -2.20 0.00	30.52 -2.16 0.00	32.02 -2.01 0.00	34.14 -1.46 0.00	40.96 -1.49 0.00	44.53 -2.94 0.00	43.79 -3.50 0.00	40.99 -2.99 0.00	40.42 -2.35 0.00	37.17 -2.00 0.00	36.19 -2.03 0.00	36.54 -2.21 0.00	36.21 -2.64 0.00	36.89 -2.65 0.00	40.32 -2.66 0.00	43.59 -3.54 0.00	41.53 -3.42 0.00	38.28 -2.97 0.00	34.68 -3.51 0.00	32.89 -3.57 0.00	30.84 -3.24 0.00	29.84 -2.38 0.00
BARON_WINDS___WT_PWR 323822	35.31 -1.32 0.00	33.03 -1.16 0.00	32.11 -1.17 0.00	31.60 -1.08 0.00	33.08 -0.95 0.00	35.11 -0.50 0.00	42.20 -0.25 0.00	46.43 -1.04 0.00	45.78 -1.52 0.00	42.75 -1.23 0.00	41.96 -0.81 0.00	38.50 -0.67 0.00	37.49 -0.73 0.00	37.97 -0.77 0.00	37.77 -1.09 0.00	38.47 -1.07 0.00	41.95 -1.03 0.00	45.66 -1.46 0.00	43.51 -1.44 0.00	39.97 -1.28 0.00	36.40 -1.79 0.00	34.49 -1.97 0.00	32.24 -1.84 0.00	30.87 -1.35 0.00
BARRETT_IC_1 23704	54.60 2.23 -15.74	46.83 2.12 -10.52	45.52 2.13 -10.12	45.54 2.06 -10.81	46.83 2.01 -10.79	58.15 1.99 -20.55	63.74 3.10 -18.19	67.34 3.56 -16.30	76.91 3.78 -25.83	65.02 3.65 -17.39	51.63 3.34 -5.52	50.88 3.09 -8.62	50.08 3.02 -8.84	49.92 3.21 -7.96	50.76 3.22 -8.68	51.77 3.28 -8.96	60.41 3.48 -13.95	72.49 3.91 -21.45	70.41 3.73 -21.73	63.03 3.55 -18.24	57.01 2.98 -15.83	52.56 2.66 -13.43	48.23 2.46 -11.70	44.54 2.19 -10.13
BARRETT_IC_10 23701	54.60 2.23 -15.74	46.83 2.12 -10.52	45.52 2.13 -10.12	45.54 2.06 -10.81	46.83 2.01 -10.79	58.15 1.99 -20.55	63.74 3.10 -18.19	67.34 3.56 -16.30	76.91 3.78 -25.83	65.02 3.65 -17.39	51.63 3.34 -5.52	50.88 3.09 -8.62	50.08 3.02 -8.84	49.92 3.21 -7.96	50.76 3.22 -8.68	51.77 3.28 -8.96	60.41 3.48 -13.95	72.49 3.91 -21.45	70.41 3.73 -21.73	63.03 3.55 -18.24	57.01 2.98 -15.83	52.56 2.66 -13.43	48.23 2.46 -11.70	44.54 2.19 -10.13
BARRETT_IC_11 23702	54.60 2.23 -15.74	46.83 2.12 -10.52	45.52 2.13 -10.12	45.54 2.06 -10.81	46.83 2.01 -10.79	58.15 1.99 -20.55	63.74 3.10 -18.19	67.34 3.56 -16.30	76.91 3.78 -25.83	65.02 3.65 -17.39	51.63 3.34 -5.52	50.88 3.09 -8.62	50.08 3.02 -8.84	49.92 3.21 -7.96	50.76 3.22 -8.68	51.77 3.28 -8.96	60.41 3.48 -13.95	72.49 3.91 -21.45	70.41 3.73 -21.73	63.03 3.55 -18.24	57.01 2.98 -15.83	52.56 2.66 -13.43	48.23 2.46 -11.70	44.54 2.19 -10.13
BARRETT_IC_12 23703	54.60 2.23 -15.74	46.83 2.12 -10.52	45.52 2.13 -10.12	45.54 2.06 -10.81	46.83 2.01 -10.79	58.15 1.99 -20.55	63.74 3.10 -18.19	67.34 3.56 -16.30	76.91 3.78 -25.83	65.02 3.65 -17.39	51.63 3.34 -5.52	50.88 3.09 -8.62	50.08 3.02 -8.84	49.92 3.21 -7.96	50.76 3.22 -8.68	51.77 3.28 -8.96	60.41 3.48 -13.95	72.49 3.91 -21.45	70.41 3.73 -21.73	63.03 3.55 -18.24	57.01 2.98 -15.83	52.56 2.66 -13.43	48.23 2.46 -11.70	44.54 2.19 -10.13
BARRETT_IC_2 23705	54.60 2.23 -15.74	46.83 2.12 -10.52	45.52 2.13 -10.12	45.54 2.06 -10.81	46.83 2.01 -10.79	58.15 1.99 -20.55	63.74 3.10 -18.19	67.34 3.56 -16.30	76.91 3.78 -25.83	65.02 3.65 -17.39	51.63 3.34 -5.52	50.88 3.09 -8.62	50.08 3.02 -8.84	49.92 3.21 -7.96	50.76 3.22 -8.68	51.77 3.28 -8.96	60.41 3.48 -13.95	72.49 3.91 -21.45	70.41 3.73 -21.73	63.03 3.55 -18.24	57.01 2.98 -15.83	52.56 2.66 -13.43	48.23 2.46 -11.70	44.54 2.19 -10.13
BARRETT_IC_3 23706	54.60 2.23 -15.74	46.83 2.12 -10.52	45.52 2.13 -10.12	45.54 2.06 -10.81	46.83 2.01 -10.79	58.15 1.99 -20.55	63.74 3.10 -18.19	67.34 3.56 -16.30	76.91 3.78 -25.83	65.02 3.65 -17.39	51.63 3.34 -5.52	50.88 3.09 -8.62	50.08 3.02 -8.84	49.92 3.21 -7.96	50.76 3.22 -8.68	51.77 3.28 -8.96	60.41 3.48 -13.95	72.49 3.91 -21.45	70.41 3.73 -21.73	63.03 3.55 -18.24	57.01 2.98 -15.83	52.56 2.66 -13.43	48.23 2.46 -11.70	44.54 2.19 -10.13
BARRETT_IC_4 23707	54.60 2.23 -15.74	46.83 2.12 -10.52	45.52 2.13 -10.12	45.54 2.06 -10.81	46.83 2.01 -10.79	58.15 1.99 -20.55	63.74 3.10 -18.19	67.34 3.56 -16.30	76.91 3.78 -25.83	65.02 3.65 -17.39	51.63 3.34 -5.52	50.88 3.09 -8.62	50.08 3.02 -8.84	49.92 3.21 -7.96	50.76 3.22 -8.68	51.77 3.28 -8.96	60.41 3.48 -13.95	72.49 3.91 -21.45	70.41 3.73 -21.73	63.03 3.55 -18.24	57.01 2.98 -15.83	52.56 2.66 -13.43	48.23 2.46 -11.70	44.54 2.19 -10.13

BARRETT_IC_5 23708	54.60 2.23 -15.74	46.83 2.12 -10.52	45.52 2.13 -10.12	45.54 2.06 -10.81	46.83 2.01 -10.79	58.15 1.99 -20.55	63.74 3.10 -18.19	67.34 3.56 -16.30	76.91 3.78 -25.83	65.02 3.65 -17.39	51.63 3.34 -5.52	50.88 3.09 -8.62	50.08 3.02 -8.84	49.92 3.21 -7.96	50.76 3.22 -8.68	51.77 3.28 -8.96	60.41 3.48 -13.95	72.49 3.91 -21.45	70.41 3.73 -21.73	63.03 3.55 -18.24	57.01 2.98 -15.83	52.56 2.66 -13.43	48.23 2.46 -11.70	44.54 2.19 -10.13
BARRETT_IC_6 23709	54.60 2.23 -15.74	46.83 2.12 -10.52	45.52 2.13 -10.12	45.54 2.06 -10.81	46.83 2.01 -10.79	58.15 1.99 -20.55	63.74 3.10 -18.19	67.34 3.56 -16.30	76.91 3.78 -25.83	65.02 3.65 -17.39	51.63 3.34 -5.52	50.88 3.09 -8.62	50.08 3.02 -8.84	49.92 3.21 -7.96	50.76 3.22 -8.68	51.77 3.28 -8.96	60.41 3.48 -13.95	72.49 3.91 -21.45	70.41 3.73 -21.73	63.03 3.55 -18.24	57.01 2.98 -15.83	52.56 2.66 -13.43	48.23 2.46 -11.70	44.54 2.19 -10.13
BARRETT_IC_7 23710	54.60 2.23 -15.74	46.83 2.12 -10.52	45.49 2.10 -10.12	45.54 2.06 -10.81	46.83 2.01 -10.79	58.15 1.99 -20.55	63.74 3.10 -18.19	67.29 3.51 -16.30	76.86 3.74 -25.83	65.03 3.65 -17.39	51.71 3.42 -5.52	50.88 3.09 -8.62	50.16 3.10 -8.84	49.84 3.14 -7.96	50.73 3.19 -8.68	51.69 3.20 -8.96	60.41 3.48 -13.95	72.49 3.91 -21.45	70.42 3.73 -21.73	63.03 3.55 -18.24	57.16 3.13 -15.83	52.56 2.66 -13.43	48.23 2.45 -11.70	44.54 2.19 -10.13
BARRETT_IC_8 23711	54.60 2.23 -15.74	46.83 2.12 -10.52	45.52 2.13 -10.12	45.54 2.06 -10.81	46.83 2.01 -10.79	58.15 1.99 -20.55	63.74 3.10 -18.19	67.34 3.56 -16.30	76.91 3.78 -25.83	65.02 3.65 -17.39	51.63 3.34 -5.52	50.88 3.09 -8.62	50.08 3.02 -8.84	49.92 3.21 -7.96	50.76 3.22 -8.68	51.77 3.28 -8.96	60.41 3.48 -13.95	72.49 3.91 -21.45	70.41 3.73 -21.73	63.03 3.55 -18.24	57.01 2.98 -15.83	52.56 2.66 -13.43	48.23 2.46 -11.70	44.54 2.19 -10.13
BARRETT_IC_9 23700	54.60 2.23 -15.74	46.83 2.12 -10.52	45.52 2.13 -10.12	45.54 2.06 -10.81	46.83 2.01 -10.79	58.15 1.99 -20.55	63.74 3.10 -18.19	67.34 3.56 -16.30	76.91 3.78 -25.83	65.02 3.65 -17.39	51.63 3.34 -5.52	50.88 3.09 -8.62	50.08 3.02 -8.84	49.92 3.21 -7.96	50.76 3.22 -8.68	51.77 3.28 -8.96	60.41 3.48 -13.95	72.49 3.91 -21.45	70.41 3.73 -21.73	63.03 3.55 -18.24	57.01 2.98 -15.83	52.56 2.66 -13.43	48.23 2.46 -11.70	44.54 2.19 -10.13
BARRETT___1 23545	54.60 2.23 -15.74	46.83 2.12 -10.52	45.52 2.13 -10.12	45.54 2.06 -10.81	46.83 2.01 -10.79	58.15 1.99 -20.55	63.74 3.10 -18.19	67.34 3.56 -16.30	76.91 3.78 -25.83	65.02 3.65 -17.39	51.63 3.34 -5.52	50.88 3.09 -8.62	50.08 3.02 -8.84	49.92 3.21 -7.96	50.76 3.22 -8.68	51.77 3.28 -8.96	60.41 3.48 -13.95	72.49 3.91 -21.45	70.41 3.73 -21.73	63.03 3.55 -18.24	57.01 2.98 -15.83	52.56 2.66 -13.43	48.23 2.46 -11.70	44.54 2.19 -10.13
BARRETT___2 23546	54.60 2.23 -15.74	46.83 2.12 -10.52	45.52 2.13 -10.12	45.54 2.06 -10.81	46.83 2.01 -10.79	58.15 1.99 -20.55	63.74 3.10 -18.19	67.34 3.56 -16.30	76.91 3.78 -25.83	65.02 3.65 -17.39	51.63 3.34 -5.52	50.88 3.09 -8.62	50.08 3.02 -8.84	49.92 3.21 -7.96	50.76 3.22 -8.68	51.77 3.28 -8.96	60.41 3.48 -13.95	72.49 3.91 -21.45	70.41 3.73 -21.73	63.03 3.55 -18.24	57.01 2.98 -15.83	52.56 2.66 -13.43	48.23 2.46 -11.70	44.54 2.19 -10.13
BATAVIA__115KV_TB1 55881	34.47 -2.16 0.00	32.24 -1.95 0.00	31.28 -2.00 0.00	30.71 -1.96 0.00	32.23 -1.80 0.00	34.39 -1.21 0.00	41.31 -1.15 0.00	45.14 -2.33 0.00	44.45 -2.84 0.00	41.48 -2.51 0.00	40.59 -2.18 0.00	37.36 -1.80 0.00	36.46 -1.76 0.00	37.04 -1.70 0.00	36.60 -2.25 0.00	37.48 -2.06 0.00	40.83 -2.15 0.00	43.97 -3.16 0.00	42.03 -2.92 0.00	38.73 -2.52 0.00	35.68 -2.52 0.00	33.29 -3.17 0.00	31.25 -2.83 0.00	29.97 -2.26 0.00
BAYONEEC___CTG1 323682	38.49 1.87 0.00	35.80 1.61 0.00	34.90 1.63 0.00	34.24 1.57 0.00	35.53 1.50 0.00	37.17 1.56 0.00	45.00 2.55 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.37 3.39 0.00	45.89 3.12 0.00	42.10 2.94 0.00	41.12 2.90 0.00	41.80 3.06 0.00	41.93 3.07 0.00	42.62 3.09 0.00	46.25 3.26 0.00	50.75 3.63 0.00	48.41 3.46 0.00	44.59 3.34 0.00	40.98 2.79 0.00	38.90 2.44 0.00	36.33 2.25 0.00	34.09 1.87 0.00
BAYONEEC___CTG10 323750	38.49 1.87 0.00	35.80 1.61 0.00	34.90 1.63 0.00	34.24 1.57 0.00	35.53 1.50 0.00	37.17 1.56 0.00	45.00 2.55 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.37 3.39 0.00	45.89 3.12 0.00	42.10 2.94 0.00	41.12 2.90 0.00	41.80 3.06 0.00	41.93 3.07 0.00	42.62 3.09 0.00	46.25 3.26 0.00	50.75 3.63 0.00	48.41 3.46 0.00	44.59 3.34 0.00	40.98 2.79 0.00	38.90 2.44 0.00	36.33 2.25 0.00	34.09 1.87 0.00
BAYONEEC___CTG2 323683	38.49 1.87 0.00	35.80 1.61 0.00	34.90 1.63 0.00	34.24 1.57 0.00	35.53 1.50 0.00	37.17 1.56 0.00	45.00 2.55 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.37 3.39 0.00	45.89 3.12 0.00	42.10 2.94 0.00	41.12 2.90 0.00	41.80 3.06 0.00	41.93 3.07 0.00	42.62 3.09 0.00	46.25 3.26 0.00	50.75 3.63 0.00	48.41 3.46 0.00	44.59 3.34 0.00	40.98 2.79 0.00	38.90 2.44 0.00	36.33 2.25 0.00	34.09 1.87 0.00
BAYONEEC___CTG3 323684	38.49 1.87 0.00	35.80 1.61 0.00	34.90 1.63 0.00	34.24 1.57 0.00	35.53 1.50 0.00	37.17 1.56 0.00	45.00 2.55 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.37 3.39 0.00	45.89 3.12 0.00	42.10 2.94 0.00	41.12 2.90 0.00	41.80 3.06 0.00	41.93 3.07 0.00	42.62 3.09 0.00	46.25 3.26 0.00	50.75 3.63 0.00	48.41 3.46 0.00	44.59 3.34 0.00	40.98 2.79 0.00	38.90 2.44 0.00	36.33 2.25 0.00	34.09 1.87 0.00
BAYONEEC___CTG4 323685	38.49 1.87 0.00	35.80 1.61 0.00	34.90 1.63 0.00	34.24 1.57 0.00	35.53 1.50 0.00	37.17 1.56 0.00	45.00 2.55 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.37 3.39 0.00	45.89 3.12 0.00	42.10 2.94 0.00	41.12 2.90 0.00	41.80 3.06 0.00	41.93 3.07 0.00	42.62 3.09 0.00	46.25 3.26 0.00	50.75 3.63 0.00	48.41 3.46 0.00	44.59 3.34 0.00	40.98 2.79 0.00	38.90 2.44 0.00	36.33 2.25 0.00	34.09 1.87 0.00
BAYONEEC___CTG5 323686	38.49 1.87 0.00	35.80 1.61 0.00	34.90 1.63 0.00	34.24 1.57 0.00	35.53 1.50 0.00	37.17 1.56 0.00	45.00 2.55 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.37 3.39 0.00	45.89 3.12 0.00	42.10 2.94 0.00	41.12 2.90 0.00	41.80 3.06 0.00	41.93 3.07 0.00	42.62 3.09 0.00	46.25 3.26 0.00	50.75 3.63 0.00	48.41 3.46 0.00	44.59 3.34 0.00	40.98 2.79 0.00	38.90 2.44 0.00	36.33 2.25 0.00	34.09 1.87 0.00
BAYONEEC___CTG6 323687	38.49 1.87 0.00	35.80 1.61 0.00	34.90 1.63 0.00	34.24 1.57 0.00	35.53 1.50 0.00	37.17 1.56 0.00	45.00 2.55 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.37 3.39 0.00	45.89 3.12 0.00	42.10 2.94 0.00	41.12 2.90 0.00	41.80 3.06 0.00	41.93 3.07 0.00	42.62 3.09 0.00	46.25 3.26 0.00	50.75 3.63 0.00	48.41 3.46 0.00	44.59 3.34 0.00	40.98 2.79 0.00	38.90 2.44 0.00	36.33 2.25 0.00	34.09 1.87 0.00

BAYONEEC___CTG7 323688	38.49 1.87 0.00	35.80 1.61 0.00	34.90 1.63 0.00	34.24 1.57 0.00	35.53 1.50 0.00	37.17 1.56 0.00	45.00 2.55 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.37 3.39 0.00	45.89 3.12 0.00	42.10 2.94 0.00	41.12 2.90 0.00	41.80 3.06 0.00	41.93 3.07 0.00	42.62 3.09 0.00	46.25 3.26 0.00	50.75 3.63 0.00	48.41 3.46 0.00	44.59 3.34 0.00	40.98 2.79 0.00	38.90 2.44 0.00	36.33 2.25 0.00	34.09 1.87 0.00
BAYONEEC___CTG8 323689	38.49 1.87 0.00	35.80 1.61 0.00	34.90 1.63 0.00	34.24 1.57 0.00	35.53 1.50 0.00	37.17 1.56 0.00	45.00 2.55 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.37 3.39 0.00	45.89 3.12 0.00	42.10 2.94 0.00	41.12 2.90 0.00	41.80 3.06 0.00	41.93 3.07 0.00	42.62 3.09 0.00	46.25 3.26 0.00	50.75 3.63 0.00	48.41 3.46 0.00	44.59 3.34 0.00	40.98 2.79 0.00	38.90 2.44 0.00	36.33 2.25 0.00	34.09 1.87 0.00
BAYONEEC___CTG9 323749	38.49 1.87 0.00	35.80 1.61 0.00	34.90 1.63 0.00	34.24 1.57 0.00	35.53 1.50 0.00	37.17 1.56 0.00	45.00 2.55 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.37 3.39 0.00	45.89 3.12 0.00	42.10 2.94 0.00	41.12 2.90 0.00	41.80 3.06 0.00	41.93 3.07 0.00	42.62 3.09 0.00	46.25 3.26 0.00	50.75 3.63 0.00	48.41 3.46 0.00	44.59 3.34 0.00	40.98 2.79 0.00	38.90 2.44 0.00	36.33 2.25 0.00	34.09 1.87 0.00
BEACON___LESR 323632	38.42 1.79 0.00	35.90 1.71 0.00	34.93 1.66 0.00	34.34 1.67 0.00	35.73 1.70 0.00	37.42 1.81 0.00	44.91 2.46 0.00	50.22 2.75 0.00	49.65 2.36 0.00	45.87 1.89 0.00	44.57 1.80 0.00	40.89 1.72 0.00	39.82 1.60 0.00	40.45 1.70 0.00	40.65 1.79 0.00	41.31 1.78 0.00	44.83 1.85 0.00	49.25 2.12 0.00	47.06 2.11 0.00	43.23 1.98 0.00	39.96 1.76 0.00	38.06 1.60 0.00	35.89 1.81 0.00	33.86 1.64 0.00
BEAVER RIVER___HYD 24048	35.71 -0.91 0.00	33.37 -0.82 0.00	32.41 -0.87 0.00	31.76 -0.91 0.00	33.15 -0.89 0.00	34.79 -0.82 0.00	41.77 -0.68 0.00	47.00 -0.47 0.00	46.82 -0.47 0.00	43.85 -0.13 0.00	42.64 -0.13 0.00	38.97 -0.19 0.00	37.95 -0.27 0.00	38.47 -0.27 0.00	38.59 -0.27 0.00	39.34 -0.20 0.00	42.90 -0.09 0.00	46.75 -0.38 0.00	44.32 -0.63 0.00	40.51 -0.74 0.00	37.39 -0.80 0.00	35.55 -0.91 0.00	33.09 -0.99 0.00	31.29 -0.94 0.00
BEEBEE_GT_13 23619	34.69 -1.94 0.00	32.41 -1.78 0.00	31.47 -1.80 0.00	30.94 -1.73 0.00	32.37 -1.67 0.00	34.32 -1.28 0.00	41.22 -1.23 0.00	45.48 -1.99 0.00	44.97 -2.32 0.00	41.96 -2.02 0.00	40.93 -1.84 0.00	37.64 -1.53 0.00	36.73 -1.49 0.00	37.27 -1.47 0.00	37.03 -1.83 0.00	37.83 -1.70 0.00	41.18 -1.81 0.00	44.58 -2.54 0.00	42.66 -2.29 0.00	39.23 -2.02 0.00	36.21 -1.99 0.00	34.02 -2.44 0.00	31.87 -2.22 0.00	30.39 -1.84 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.94 2.31 0.00	36.14 1.95 0.00	35.17 1.90 0.00	34.50 1.83 0.00	35.80 1.77 0.00	37.42 1.82 0.00	45.34 2.89 0.00	51.13 3.66 0.00	51.46 4.11 -0.06	48.27 4.05 -0.24	46.63 3.85 -0.01	42.61 3.45 0.00	41.74 3.52 -0.01	42.32 3.56 -0.01	42.48 3.61 -0.01	43.24 3.60 -0.11	46.91 3.91 -0.02	67.42 4.43 -15.87	101.70 4.23 -52.52	45.36 4.00 -0.11	41.86 3.55 -0.11	39.47 2.95 -0.06	36.86 2.73 -0.06	34.54 2.32 0.00
BETHLEHEM___GRP 23843	37.87 1.25 0.00	35.39 1.20 0.00	34.47 1.20 0.00	33.85 1.18 0.00	35.22 1.19 0.00	36.85 1.25 0.00	44.06 1.61 0.00	49.27 1.80 0.00	48.52 1.23 0.00	44.86 0.88 0.00	43.54 0.77 0.00	40.07 0.90 0.00	39.10 0.88 0.00	39.63 0.89 0.00	39.83 0.97 0.00	40.48 0.95 0.00	43.84 0.86 0.00	48.21 1.08 0.00	46.03 1.08 0.00	42.28 1.03 0.00	39.23 1.03 0.00	37.37 0.91 0.00	35.38 1.30 0.00	33.41 1.19 0.00
BETHLEHEM___GS1 323560	37.87 1.25 0.00	35.39 1.20 0.00	34.47 1.20 0.00	33.85 1.17 0.00	35.22 1.19 0.00	36.85 1.25 0.00	44.06 1.61 0.00	49.27 1.80 0.00	48.52 1.23 0.00	44.86 0.88 0.00	43.58 0.81 0.00	40.07 0.90 0.00	39.10 0.88 0.00	39.71 0.97 0.00	39.87 1.01 0.00	40.52 0.99 0.00	43.89 0.90 0.00	48.21 1.08 0.00	46.03 1.08 0.00	42.28 1.03 0.00	39.15 0.96 0.00	37.37 0.91 0.00	35.38 1.29 0.00	33.41 1.19 0.00
BETHLEHEM___GS2 323561	37.87 1.25 0.00	35.39 1.20 0.00	34.47 1.20 0.00	33.85 1.17 0.00	35.22 1.19 0.00	36.85 1.25 0.00	44.06 1.61 0.00	49.27 1.80 0.00	48.52 1.23 0.00	44.86 0.88 0.00	43.58 0.81 0.00	40.07 0.90 0.00	39.10 0.88 0.00	39.71 0.97 0.00	39.87 1.01 0.00	40.52 0.99 0.00	43.89 0.90 0.00	48.21 1.08 0.00	46.03 1.08 0.00	42.28 1.03 0.00	39.15 0.96 0.00	37.37 0.91 0.00	35.38 1.29 0.00	33.41 1.19 0.00
BETHLEHEM___GS3 323562	37.87 1.25 0.00	35.39 1.20 0.00	34.47 1.20 0.00	33.85 1.17 0.00	35.22 1.19 0.00	36.85 1.25 0.00	44.06 1.61 0.00	49.27 1.80 0.00	48.52 1.23 0.00	44.86 0.88 0.00	43.58 0.81 0.00	40.07 0.90 0.00	39.10 0.88 0.00	39.71 0.97 0.00	39.87 1.01 0.00	40.52 0.99 0.00	43.89 0.90 0.00	48.21 1.08 0.00	46.03 1.08 0.00	42.28 1.03 0.00	39.15 0.96 0.00	37.37 0.91 0.00	35.38 1.29 0.00	33.41 1.19 0.00
BETHLEHEM___STEEL 23779	34.10 -2.53 0.00	31.93 -2.26 0.00	31.01 -2.26 0.00	30.42 -2.25 0.00	31.89 -2.14 0.00	34.04 -1.57 0.00	40.84 -1.61 0.00	44.43 -3.04 0.00	43.65 -3.64 0.00	40.77 -3.21 0.00	40.12 -2.65 0.00	36.97 -2.19 0.00	36.12 -2.10 0.00	36.69 -2.05 0.00	36.18 -2.68 0.00	37.00 -2.53 0.00	40.14 -2.84 0.00	43.35 -3.77 0.00	41.35 -3.60 0.00	38.11 -3.13 0.00	35.14 -3.06 0.00	32.78 -3.68 0.00	30.78 -3.31 0.00	29.71 -2.51 0.00
BETHLHEM_115KV_TB1 79974	37.87 1.25 0.00	35.39 1.20 0.00	34.44 1.16 0.00	33.82 1.14 0.00	35.19 1.16 0.00	36.81 1.21 0.00	44.06 1.61 0.00	49.27 1.80 0.00	48.61 1.32 0.00	45.00 1.01 0.00	43.62 0.86 0.00	40.14 0.98 0.00	39.18 0.96 0.00	39.71 0.97 0.00	39.91 1.05 0.00	40.56 1.03 0.00	43.97 0.99 0.00	48.30 1.18 0.00	46.12 1.17 0.00	42.40 1.15 0.00	39.31 1.11 0.00	37.45 0.98 0.00	35.38 1.30 0.00	33.38 1.16 0.00
BETHPAGE_CC_5 323564	54.86 2.49 -15.74	46.97 2.26 -10.52	45.65 2.26 -10.12	45.67 2.19 -10.81	46.97 2.15 -10.79	58.43 2.28 -20.55	64.00 3.35 -18.19	67.72 3.94 -16.31	77.34 4.21 -25.84	65.38 4.00 -17.40	52.06 3.76 -5.52	51.27 3.48 -8.62	50.50 3.44 -8.84	50.31 3.60 -7.96	51.19 3.65 -8.68	52.17 3.68 -8.96	60.84 3.91 -13.95	72.96 4.38 -21.45	70.87 4.18 -21.73	63.44 3.96 -18.24	57.39 3.36 -15.83	52.92 3.02 -13.43	48.57 2.80 -11.70	44.80 2.45 -10.13
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.21 -2.42 0.00	32.07 -2.12 0.00	31.11 -2.16 0.00	30.52 -2.16 0.00	32.02 -2.01 0.00	34.18 -1.42 0.00	41.01 -1.44 0.00	44.62 -2.85 0.00	43.84 -3.45 0.00	40.99 -2.99 0.00	40.33 -2.44 0.00	37.17 -2.00 0.00	36.27 -1.95 0.00	36.84 -1.90 0.00	36.37 -2.49 0.00	37.16 -2.37 0.00	40.32 -2.66 0.00	43.54 -3.58 0.00	41.53 -3.42 0.00	38.28 -2.97 0.00	35.29 -2.90 0.00	32.89 -3.57 0.00	30.84 -3.24 0.00	29.81 -2.42 0.00

BINGHAMTON___COGEN 23790	36.44 -0.18 0.00	34.05 -0.14 0.00	33.11 -0.17 0.00	32.54 -0.13 0.00	33.93 -0.10 0.00	35.78 0.18 0.00	43.00 0.55 0.00	49.08 1.61 0.00	48.66 1.37 0.00	45.26 1.28 0.00	44.18 1.41 0.00	40.46 1.29 0.00	39.52 1.30 0.00	40.10 1.36 0.00	40.06 1.20 0.00	40.84 1.30 0.00	43.28 0.30 0.00	47.36 0.24 0.00	45.22 0.27 0.00	41.50 0.25 0.00	38.31 0.11 0.00	36.21 -0.26 0.00	33.78 -0.31 0.00	32.09 -0.13 0.00
BIXINCNT_115KV_LOAD 355685	34.25 -2.38 0.00	32.10 -2.09 0.00	31.18 -2.10 0.00	30.65 -2.03 0.00	32.23 -1.80 0.00	34.43 -1.17 0.00	41.43 -1.02 0.00	45.29 -2.18 0.00	44.50 -2.79 0.00	41.57 -2.42 0.00	41.02 -1.75 0.00	37.83 -1.33 0.00	36.96 -1.26 0.00	37.46 -1.28 0.00	36.95 -1.90 0.00	37.72 -1.82 0.00	40.92 -2.06 0.00	44.30 -2.83 0.00	42.12 -2.83 0.00	38.61 -2.64 0.00	35.56 -2.64 0.00	33.00 -3.46 0.00	30.71 -3.37 0.00	29.74 -2.48 0.00
BLACK RIVER___HYD 24047	35.53 -1.10 0.00	33.16 -1.02 0.00	32.21 -1.07 0.00	31.60 -1.08 0.00	33.01 -1.02 0.00	34.75 -0.85 0.00	41.90 -0.55 0.00	47.19 -0.28 0.00	46.91 -0.38 0.00	43.85 -0.13 0.00	42.68 -0.09 0.00	38.97 -0.19 0.00	37.95 -0.27 0.00	38.47 -0.27 0.00	38.59 -0.27 0.00	39.38 -0.16 0.00	43.07 0.09 0.00	47.03 -0.09 0.00	44.55 -0.41 0.00	40.79 -0.45 0.00	37.58 -0.61 0.00	35.66 -0.80 0.00	33.13 -0.95 0.00	31.29 -0.94 0.00
BLACKRVR_115KV_TB2 79977	35.53 -1.10 0.00	33.16 -1.03 0.00	32.21 -1.06 0.00	31.60 -1.08 0.00	33.01 -1.02 0.00	34.75 -0.85 0.00	41.90 -0.55 0.00	47.19 -0.28 0.00	46.96 -0.33 0.00	43.85 -0.13 0.00	42.68 -0.09 0.00	38.97 -0.20 0.00	37.99 -0.23 0.00	38.47 -0.27 0.00	38.62 -0.23 0.00	39.42 -0.12 0.00	43.07 0.09 0.00	47.03 -0.09 0.00	44.55 -0.40 0.00	40.79 -0.45 0.00	37.62 -0.57 0.00	35.66 -0.80 0.00	33.13 -0.95 0.00	31.29 -0.93 0.00
BLISS_WT_PWR 323608	34.14 -2.49 0.00	32.00 -2.19 0.00	31.04 -2.23 0.00	30.55 -2.12 0.00	32.16 -1.87 0.00	34.39 -1.21 0.00	41.39 -1.06 0.00	45.15 -2.32 0.00	44.40 -2.89 0.00	41.52 -2.46 0.00	41.10 -1.67 0.00	37.87 -1.29 0.00	36.85 -1.37 0.00	37.19 -1.55 0.00	36.83 -2.02 0.00	37.48 -2.06 0.00	40.92 -2.06 0.00	44.30 -2.83 0.00	42.03 -2.92 0.00	38.57 -2.68 0.00	34.87 -3.32 0.00	32.89 -3.57 0.00	30.57 -3.51 0.00	29.58 -2.64 0.00
BLUESTONE___WT_PWR 323821	38.39 1.76 0.00	35.86 1.67 0.00	34.84 1.56 0.00	34.24 1.57 0.00	35.80 1.77 0.00	37.85 2.24 0.00	45.93 3.48 0.00	51.41 3.94 0.00	50.93 3.64 0.00	47.37 3.39 0.00	46.19 3.42 0.00	42.30 3.13 0.00	41.12 2.98 0.00	41.73 2.92 0.00	41.77 2.92 0.00	42.54 3.00 0.00	46.55 3.57 0.00	51.03 3.91 0.00	48.55 3.60 0.00	44.59 3.34 0.00	40.87 2.67 0.00	38.69 2.22 0.00	35.96 1.87 0.00	34.03 1.80 0.00
BLUE_CIRC_CHEM_DRP 24182	38.06 1.43 0.00	35.56 1.37 0.00	34.60 1.33 0.00	33.98 1.31 0.00	35.39 1.36 0.00	37.03 1.42 0.00	44.32 1.87 0.00	49.51 2.04 0.00	49.09 1.80 0.00	45.44 1.45 0.00	44.10 1.33 0.00	40.46 1.29 0.00	39.48 1.26 0.00	40.02 1.28 0.00	40.22 1.36 0.00	40.88 1.34 0.00	44.40 1.42 0.00	48.73 1.60 0.00	46.57 1.62 0.00	42.77 1.53 0.00	39.61 1.41 0.00	37.70 1.24 0.00	35.45 1.36 0.00	33.51 1.29 0.00
BOC_GAS_DRP 24189	37.69 1.06 0.00	35.18 0.99 0.00	34.24 0.96 0.00	33.62 0.95 0.00	34.99 0.95 0.00	36.64 1.03 0.00	43.89 1.44 0.00	49.08 1.61 0.00	48.76 1.47 0.00	45.26 1.28 0.00	43.92 1.15 0.00	40.26 1.10 0.00	39.33 1.11 0.00	39.87 1.12 0.00	40.06 1.20 0.00	40.72 1.19 0.00	44.23 1.25 0.00	48.54 1.41 0.00	46.34 1.39 0.00	42.57 1.32 0.00	39.42 1.22 0.00	37.48 1.02 0.00	35.17 1.09 0.00	33.22 1.00 0.00
BOONVILLE_115KV_TB1 79983	36.92 0.29 0.00	34.46 0.27 0.00	33.50 0.23 0.00	32.87 0.20 0.00	34.31 0.27 0.00	36.07 0.46 0.00	43.43 0.98 0.00	48.70 1.23 0.00	48.52 1.23 0.00	45.30 1.32 0.00	44.10 1.33 0.00	40.30 1.14 0.00	39.29 1.07 0.00	39.79 1.05 0.00	39.95 1.09 0.00	40.64 1.11 0.00	44.23 1.25 0.00	48.30 1.18 0.00	45.89 0.94 0.00	42.03 0.78 0.00	38.81 0.61 0.00	36.83 0.36 0.00	34.32 0.24 0.00	32.42 0.19 0.00
BORALEX_4TH_BRANCH 23824	38.72 2.09 0.00	36.10 1.91 0.00	35.13 1.86 0.00	34.50 1.83 0.00	35.90 1.87 0.00	37.67 2.07 0.00	45.21 2.76 0.00	50.60 3.13 0.00	50.51 3.22 0.00	46.89 2.90 0.00	45.42 2.65 0.00	41.44 2.27 0.00	40.40 2.18 0.00	40.95 2.21 0.00	41.31 2.45 0.00	41.99 2.45 0.00	45.69 2.71 0.00	50.19 3.06 0.00	48.01 3.06 0.00	44.09 2.85 0.00	40.72 2.52 0.00	38.65 2.19 0.00	36.13 2.04 0.00	34.09 1.87 0.00
BOWLINE___1 23526	38.09 1.47 0.00	35.49 1.30 0.00	34.60 1.33 0.00	33.95 1.27 0.00	35.22 1.19 0.00	36.85 1.25 0.00	44.45 2.00 0.00	49.89 2.42 0.00	49.98 2.69 0.00	46.58 2.59 0.00	45.21 2.44 0.00	41.40 2.23 0.00	40.40 2.18 0.00	41.07 2.32 0.00	41.23 2.37 0.00	41.91 2.37 0.00	45.47 2.49 0.00	50.00 2.87 0.00	47.74 2.79 0.00	43.89 2.64 0.00	40.34 2.14 0.00	38.39 1.93 0.00	35.82 1.74 0.00	33.74 1.51 0.00
BOWLINE___2 23595	38.05 1.43 0.00	35.45 1.27 0.00	34.57 1.30 0.00	33.95 1.27 0.00	35.22 1.19 0.00	36.82 1.21 0.00	44.41 1.95 0.00	49.84 2.37 0.00	49.94 2.65 0.00	46.53 2.55 0.00	45.12 2.35 0.00	41.32 2.15 0.00	40.36 2.14 0.00	41.03 2.29 0.00	41.15 2.29 0.00	41.87 2.33 0.00	45.43 2.45 0.00	49.95 2.83 0.00	47.65 2.70 0.00	43.85 2.60 0.00	40.30 2.10 0.00	38.32 1.86 0.00	35.79 1.70 0.00	33.70 1.48 0.00
BRADY___115KV_TB2 356060	37.18 0.55 0.00	34.74 0.55 0.00	33.77 0.50 0.00	33.13 0.46 0.00	34.58 0.54 0.00	35.89 0.28 0.00	42.28 -0.17 0.00	47.52 0.05 0.00	47.34 0.05 0.00	43.98 0.00 0.00	42.85 0.09 0.00	39.20 0.04 0.00	38.18 -0.04 0.00	38.67 -0.08 0.00	38.82 -0.04 0.00	39.46 -0.08 0.00	42.90 -0.09 0.00	47.12 0.00 0.00	44.82 -0.13 0.00	41.00 -0.25 0.00	38.08 -0.11 0.00	36.68 0.22 0.00	34.25 0.17 0.00	32.54 0.32 0.00
BRANSCOMB___SOLAR 323811	38.20 1.57 0.00	35.66 1.47 0.00	34.73 1.46 0.00	34.15 1.47 0.00	35.57 1.53 0.00	37.28 1.67 0.00	44.83 2.38 0.00	50.13 2.66 0.00	50.13 2.84 0.00	46.36 2.37 0.00	44.99 2.22 0.00	41.01 1.84 0.00	39.90 1.68 0.00	40.45 1.70 0.00	40.61 1.75 0.00	41.31 1.78 0.00	45.04 2.06 0.00	49.48 2.36 0.00	47.38 2.43 0.00	43.43 2.18 0.00	39.99 1.80 0.00	37.99 1.53 0.00	35.48 1.40 0.00	33.48 1.26 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	55.63 3.26 -15.74	47.62 2.91 -10.52	46.28 2.89 -10.12	46.29 2.81 -10.81	47.65 2.82 -10.79	59.22 3.06 -20.55	65.06 4.41 -18.19	68.95 5.17 -16.31	78.62 5.49 -25.84	66.48 5.10 -17.40	53.12 4.83 -5.52	52.13 4.35 -8.62	51.38 4.32 -8.84	51.08 4.38 -7.96	52.01 4.47 -8.68	53.04 4.55 -8.96	61.96 5.03 -13.95	74.18 5.61 -21.45	72.03 5.35 -21.73	64.56 5.07 -18.24	58.53 4.51 -15.83	53.80 3.90 -13.43	49.25 3.48 -11.70	45.38 3.03 -10.13



BRISTLHL_115KV_TB1 79998	35.42 -1.21 0.00	33.06 -1.13 0.00	32.14 -1.13 0.00	31.60 -1.08 0.00	32.98 -1.06 0.00	34.64 -0.96 0.00	41.56 -0.89 0.00	46.38 -1.09 0.00	46.11 -1.18 0.00	42.93 -1.06 0.00	41.79 -0.98 0.00	38.26 -0.90 0.00	37.34 -0.88 0.00	37.89 -0.85 0.00	37.92 -0.93 0.00	38.63 -0.91 0.00	41.99 -0.99 0.00	45.99 -1.13 0.00	43.87 -1.08 0.00	40.26 -0.99 0.00	37.20 -0.99 0.00	35.33 -1.13 0.00	32.96 -1.12 0.00	31.19 -1.03 0.00
BROOKHAVEN___DRP 24191	55.55 3.19 -15.74	47.55 2.84 -10.52	46.25 2.86 -10.12	46.26 2.78 -10.81	47.58 2.76 -10.79	59.18 3.03 -20.55	65.06 4.41 -18.19	69.00 5.22 -16.31	78.66 5.53 -25.84	66.53 5.15 -17.40	53.17 4.88 -5.52	52.17 4.39 -8.62	51.38 4.32 -8.84	51.08 4.38 -7.96	52.01 4.47 -8.68	53.04 4.55 -8.96	62.04 5.11 -13.95	74.28 5.70 -21.45	72.12 5.44 -21.73	64.68 5.20 -18.24	58.61 4.58 -15.83	53.83 3.94 -13.43	49.29 3.51 -11.70	45.38 3.03 -10.13
BROOKLYN_NAVY_YARD 23515	38.49 1.87 0.00	35.80 1.61 0.00	34.87 1.60 0.00	34.21 1.54 0.00	35.53 1.50 0.00	37.13 1.53 0.00	45.00 2.55 0.00	50.60 3.13 0.00	50.84 3.55 0.00	47.42 3.43 0.00	45.93 3.16 0.00	42.14 2.98 0.00	41.16 2.94 0.00	41.84 3.10 0.00	41.97 3.11 0.00	42.66 3.12 0.00	46.29 3.31 0.00	50.90 3.77 0.00	48.50 3.55 0.00	44.67 3.42 0.00	41.02 2.83 0.00	38.94 2.48 0.00	36.33 2.25 0.00	34.09 1.87 0.00
BROOKLYN___ARMY_DRP 323595	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
BROOKVLE_69_KV_TB1 55790	55.00 2.64 -15.74	47.07 2.36 -10.52	45.72 2.33 -10.12	45.77 2.29 -10.81	47.10 2.28 -10.79	58.57 2.42 -20.55	63.99 3.35 -18.19	67.72 3.94 -16.31	77.38 4.26 -25.84	65.47 4.09 -17.39	52.23 3.93 -5.52	51.39 3.60 -8.62	50.65 3.59 -8.84	50.35 3.64 -7.96	51.23 3.69 -8.68	52.17 3.68 -8.96	60.93 4.00 -13.95	73.05 4.48 -21.45	71.00 4.32 -21.73	63.53 4.04 -18.24	57.62 3.59 -15.83	52.96 3.06 -13.43	48.64 2.86 -11.70	44.93 2.58 -10.13
BROOME_2_LFGE 323671	36.45 -0.18 0.00	34.05 -0.14 0.00	33.11 -0.17 0.00	32.54 -0.13 0.00	33.93 -0.10 0.00	35.75 0.14 0.00	43.00 0.55 0.00	49.09 1.61 0.00	48.66 1.37 0.00	45.26 1.28 0.00	44.18 1.41 0.00	40.46 1.29 0.00	39.44 1.22 0.00	40.06 1.32 0.00	40.02 1.16 0.00	40.80 1.26 0.00	43.28 0.30 0.00	47.36 0.24 0.00	45.18 0.23 0.00	41.50 0.25 0.00	38.08 -0.11 0.00	36.21 -0.25 0.00	33.77 -0.31 0.00	32.09 -0.13 0.00
BROOME___LFGE 323600	36.45 -0.18 0.00	34.05 -0.14 0.00	33.11 -0.17 0.00	32.54 -0.13 0.00	33.93 -0.10 0.00	35.75 0.14 0.00	43.00 0.55 0.00	49.09 1.61 0.00	48.66 1.37 0.00	45.26 1.28 0.00	44.18 1.41 0.00	40.46 1.29 0.00	39.44 1.22 0.00	40.06 1.32 0.00	40.02 1.16 0.00	40.80 1.26 0.00	43.28 0.30 0.00	47.36 0.24 0.00	45.18 0.23 0.00	41.50 0.25 0.00	38.08 -0.11 0.00	36.21 -0.25 0.00	33.77 -0.31 0.00	32.09 -0.13 0.00
BROWNFLS_115KV_TB_3_5 80003	35.90 -0.73 0.00	33.54 -0.65 0.00	32.57 -0.70 0.00	31.96 -0.72 0.00	33.32 -0.71 0.00	34.68 -0.93 0.00	41.22 -1.23 0.00	46.38 -1.09 0.00	46.25 -1.04 0.00	43.19 -0.79 0.00	42.00 -0.77 0.00	38.38 -0.78 0.00	37.38 -0.84 0.00	37.89 -0.85 0.00	38.04 -0.82 0.00	38.70 -0.83 0.00	42.16 -0.82 0.00	46.09 -1.04 0.00	43.74 -1.21 0.00	39.97 -1.28 0.00	36.98 -1.22 0.00	35.37 -1.09 0.00	33.03 -1.06 0.00	31.38 -0.84 0.00
BROWNSV1_27_KV_LOAD 356125	38.86 2.23 0.00	36.14 1.95 0.00	35.20 1.93 0.00	34.54 1.86 0.00	35.84 1.80 0.00	37.49 1.89 0.00	45.42 2.97 0.00	51.08 3.61 0.00	51.26 3.97 0.00	47.90 3.91 0.00	46.49 3.72 0.00	42.53 3.37 0.00	41.66 3.44 0.00	42.23 3.49 0.00	42.35 3.50 0.00	43.01 3.48 0.00	46.76 3.78 0.00	51.37 4.24 0.00	49.00 4.05 0.00	45.12 3.88 0.00	41.64 3.44 0.00	39.34 2.88 0.00	36.71 2.62 0.00	34.45 2.22 0.00
BURROWS___LYONSDAL 23803	36.63 0.00 0.00	34.22 0.03 0.00	33.24 -0.03 0.00	32.61 -0.07 0.00	34.03 0.00 0.00	35.78 0.18 0.00	43.05 0.59 0.00	48.37 0.90 0.00	48.19 0.90 0.00	45.04 1.06 0.00	43.80 1.03 0.00	40.07 0.90 0.00	39.06 0.84 0.00	39.56 0.81 0.00	39.67 0.82 0.00	40.40 0.87 0.00	44.01 1.03 0.00	47.97 0.85 0.00	45.54 0.58 0.00	41.70 0.45 0.00	38.46 0.27 0.00	36.53 0.07 0.00	34.01 -0.07 0.00	32.13 -0.10 0.00
CAITHNESS_CC_1 323624	55.44 3.08 -15.74	47.45 2.74 -10.52	46.15 2.76 -10.12	46.16 2.68 -10.81	47.48 2.66 -10.79	59.07 2.92 -20.55	64.89 4.24 -18.19	68.86 5.08 -16.31	78.47 5.34 -25.84	66.35 4.97 -17.40	52.95 4.66 -5.52	52.05 4.27 -8.62	51.19 4.13 -8.84	51.01 4.30 -7.96	51.89 4.35 -8.68	52.96 4.47 -8.96	61.87 4.94 -13.95	74.09 5.51 -21.45	71.94 5.26 -21.73	64.47 4.99 -18.24	58.26 4.24 -15.83	53.69 3.79 -13.43	49.15 3.37 -11.70	45.28 2.93 -10.13
CALPINE BETH_PAGE_GT4 24209	54.82 2.45 -15.74	46.90 2.19 -10.52	45.59 2.20 -10.12	45.60 2.12 -10.81	46.93 2.11 -10.79	58.40 2.24 -20.55	63.95 3.31 -18.19	67.62 3.85 -16.31	77.24 4.11 -25.84	65.34 3.96 -17.40	52.10 3.81 -5.52	51.23 3.45 -8.62	50.54 3.48 -8.84	50.23 3.53 -7.96	51.11 3.57 -8.68	52.05 3.56 -8.96	60.80 3.87 -13.95	72.91 4.34 -21.45	70.86 4.18 -21.73	63.40 3.92 -18.24	57.54 3.51 -15.83	52.89 2.99 -13.43	48.54 2.76 -11.70	44.73 2.38 -10.13
CALPINE_BETH_PAGE_GT_4 323586	54.82 2.45 -15.74	46.90 2.19 -10.52	45.59 2.20 -10.12	45.60 2.12 -10.81	46.93 2.11 -10.79	58.40 2.24 -20.55	63.96 3.31 -18.19	67.67 3.89 -16.31	77.29 4.16 -25.84	65.34 3.96 -17.40	52.01 3.72 -5.52	51.23 3.45 -8.62	50.46 3.40 -8.84	50.27 3.56 -7.96	51.15 3.61 -8.68	52.12 3.63 -8.96	60.80 3.87 -13.95	72.91 4.33 -21.45	70.87 4.18 -21.73	63.40 3.92 -18.24	57.35 3.32 -15.83	52.89 2.99 -13.43	48.54 2.76 -11.70	44.73 2.38 -10.13
CALPINE_BP_GT1 23823	54.82 2.45 -15.74	46.90 2.19 -10.52	45.59 2.20 -10.12	45.60 2.12 -10.81	46.93 2.11 -10.79	58.40 2.24 -20.55	63.96 3.31 -18.19	67.67 3.89 -16.31	77.29 4.16 -25.84	65.34 3.96 -17.40	52.01 3.72 -5.52	51.23 3.45 -8.62	50.46 3.40 -8.84	50.27 3.56 -7.96	51.15 3.61 -8.68	52.12 3.63 -8.96	60.80 3.87 -13.95	72.91 4.33 -21.45	70.87 4.18 -21.73	63.40 3.92 -18.24	57.35 3.32 -15.83	52.89 2.99 -13.43	48.54 2.76 -11.70	44.73 2.38 -10.13
CALSPAN___DRP 24200	34.10 -2.53 0.00	31.93 -2.26 0.00	31.01 -2.26 0.00	30.42 -2.25 0.00	31.89 -2.14 0.00	34.04 -1.57 0.00	40.84 -1.61 0.00	44.43 -3.04 0.00	43.65 -3.64 0.00	40.77 -3.21 0.00	40.12 -2.65 0.00	36.97 -2.19 0.00	36.12 -2.10 0.00	36.69 -2.05 0.00	36.18 -2.68 0.00	37.00 -2.53 0.00	40.14 -2.84 0.00	43.35 -3.77 0.00	41.35 -3.60 0.00	38.11 -3.13 0.00	35.14 -3.06 0.00	32.78 -3.68 0.00	30.78 -3.31 0.00	29.71 -2.51 0.00

CALVERTON___SOLAR 323806	55.70 3.33 -15.74	47.65 2.94 -10.52	46.39 3.00 -10.12	46.36 2.88 -10.81	47.68 2.86 -10.79	59.32 3.17 -20.55	65.23 4.59 -18.19	69.24 5.46 -16.31	78.90 5.77 -25.84	66.70 5.32 -17.40	53.29 5.00 -5.52	52.36 4.58 -8.62	51.45 4.39 -8.84	51.27 4.57 -7.96	52.16 4.62 -8.68	53.27 4.78 -8.96	62.22 5.29 -13.95	74.51 5.94 -21.45	72.35 5.66 -21.73	64.89 5.40 -18.24	58.61 4.58 -15.83	54.02 4.12 -13.43	49.43 3.65 -11.70	45.51 3.16 -10.13
CANDIGU_WT_PWR 323617	35.31 -1.32 0.00	33.03 -1.16 0.00	32.11 -1.17 0.00	31.60 -1.08 0.00	33.08 -0.95 0.00	35.11 -0.50 0.00	42.20 -0.25 0.00	46.43 -1.04 0.00	45.78 -1.52 0.00	42.75 -1.23 0.00	41.96 -0.81 0.00	38.50 -0.67 0.00	37.49 -0.73 0.00	37.97 -0.77 0.00	37.77 -1.09 0.00	38.47 -1.07 0.00	41.95 -1.03 0.00	45.66 -1.46 0.00	43.51 -1.44 0.00	39.97 -1.28 0.00	36.40 -1.79 0.00	34.49 -1.97 0.00	32.24 -1.84 0.00	30.87 -1.35 0.00
CARR STREET_E_SYR 24060	35.53 -1.10 0.00	33.20 -0.99 0.00	32.27 -1.00 0.00	31.73 -0.95 0.00	33.08 -0.95 0.00	34.79 -0.82 0.00	41.73 -0.72 0.00	46.62 -0.85 0.00	46.30 -1.00 0.00	43.11 -0.88 0.00	42.00 -0.77 0.00	38.46 -0.70 0.00	37.49 -0.73 0.00	38.05 -0.70 0.00	38.08 -0.78 0.00	38.78 -0.75 0.00	42.16 -0.82 0.00	46.18 -0.94 0.00	44.05 -0.90 0.00	40.42 -0.82 0.00	37.20 -0.99 0.00	35.40 -1.06 0.00	33.03 -1.06 0.00	31.26 -0.97 0.00
CARTHAGE___PAPER 23857	35.60 -1.03 0.00	33.27 -0.92 0.00	32.27 -1.00 0.00	31.66 -1.01 0.00	33.04 -0.99 0.00	34.72 -0.89 0.00	41.73 -0.72 0.00	47.00 -0.47 0.00	46.82 -0.47 0.00	43.81 -0.18 0.00	42.60 -0.17 0.00	38.89 -0.27 0.00	37.88 -0.34 0.00	38.39 -0.35 0.00	38.51 -0.35 0.00	39.30 -0.24 0.00	42.94 -0.04 0.00	46.84 -0.28 0.00	44.37 -0.59 0.00	40.59 -0.66 0.00	37.43 -0.76 0.00	35.59 -0.88 0.00	33.09 -0.99 0.00	31.26 -0.97 0.00
CASSADAGA_WT_PWR 323784	34.87 -1.76 0.00	32.65 -1.54 0.00	31.64 -1.63 0.00	31.14 -1.54 0.00	32.70 -1.33 0.00	34.93 -0.68 0.00	42.07 -0.38 0.00	45.86 -1.61 0.00	45.12 -2.17 0.00	42.22 -1.76 0.00	41.70 -1.07 0.00	38.30 -0.86 0.00	37.23 -0.99 0.00	37.62 -1.12 0.00	37.19 -1.67 0.00	37.84 -1.70 0.00	41.30 -1.68 0.00	44.67 -2.45 0.00	42.39 -2.56 0.00	38.90 -2.35 0.00	35.14 -3.06 0.00	33.22 -3.25 0.00	30.98 -3.10 0.00	30.00 -2.22 0.00
CE_DUNWOOD___DRP 24194	38.39 1.76 0.00	35.76 1.57 0.00	34.84 1.56 0.00	34.21 1.54 0.00	35.50 1.46 0.00	37.13 1.53 0.00	44.87 2.42 0.00	50.37 2.90 0.00	50.46 3.17 0.00	47.06 3.08 0.00	45.68 2.91 0.00	41.79 2.62 0.00	40.90 2.68 0.00	41.46 2.71 0.00	41.62 2.76 0.00	42.26 2.73 0.00	45.95 2.97 0.00	50.52 3.39 0.00	48.19 3.24 0.00	44.34 3.09 0.00	40.91 2.71 0.00	38.72 2.26 0.00	36.16 2.08 0.00	33.99 1.77 0.00
CE_MILLWOOD___DRP 24193	38.39 1.76 0.00	35.73 1.54 0.00	34.80 1.53 0.00	34.18 1.50 0.00	35.46 1.43 0.00	37.10 1.50 0.00	44.79 2.33 0.00	50.27 2.80 0.00	50.41 3.12 0.00	46.98 2.99 0.00	45.63 2.87 0.00	41.75 2.58 0.00	40.82 2.60 0.00	41.38 2.63 0.00	41.58 2.72 0.00	42.22 2.69 0.00	45.90 2.92 0.00	50.42 3.30 0.00	48.14 3.19 0.00	44.26 3.01 0.00	40.87 2.67 0.00	38.69 2.22 0.00	36.09 2.01 0.00	33.96 1.74 0.00
CE_NYC2_DRP 24202	38.64 2.01 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.08 2.63 0.00	50.75 3.28 0.00	51.03 3.74 0.00	47.71 3.69 -0.03	46.24 3.46 -0.01	42.30 3.13 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.78 3.24 -0.01	46.51 3.52 0.00	51.72 4.01 -0.59	48.73 3.78 -0.01	44.89 3.63 -0.01	41.38 3.17 -0.01	39.12 2.66 0.00	36.50 2.42 0.00	34.25 2.03 0.00
CE_NYC_DRP 24195	38.53 1.90 0.00	35.83 1.64 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.46 3.47 0.00	46.02 3.25 0.00	42.14 2.98 0.00	41.24 3.02 0.00	41.80 3.06 0.00	41.97 3.11 0.00	42.62 3.08 0.00	46.33 3.35 0.00	50.85 3.72 0.00	48.50 3.55 0.00	44.67 3.42 0.00	41.18 2.98 0.00	38.98 2.52 0.00	36.37 2.28 0.00	34.12 1.90 0.00
CHAFFEE___LFGE 323603	34.14 -2.49 0.00	32.00 -2.19 0.00	31.01 -2.26 0.00	30.45 -2.22 0.00	31.96 -2.08 0.00	34.07 -1.53 0.00	40.88 -1.57 0.00	44.39 -3.08 0.00	43.65 -3.64 0.00	40.86 -3.12 0.00	40.33 -2.44 0.00	37.09 -2.08 0.00	36.08 -2.14 0.00	36.42 -2.32 0.00	36.10 -2.76 0.00	36.77 -2.77 0.00	40.23 -2.75 0.00	43.50 -3.63 0.00	41.44 -3.51 0.00	38.20 -3.05 0.00	34.61 -3.59 0.00	32.85 -3.61 0.00	30.84 -3.24 0.00	29.80 -2.42 0.00
CHATEAUG_35_KV_LOAD 355732	38.02 1.39 0.00	35.49 1.30 0.00	34.47 1.20 0.00	33.82 1.14 0.00	35.26 1.23 0.00	36.71 1.10 0.00	42.96 0.51 0.00	48.13 0.66 0.00	48.00 0.71 0.00	44.64 0.66 0.00	43.54 0.77 0.00	39.87 0.70 0.00	38.79 0.57 0.00	39.29 0.54 0.00	39.44 0.58 0.00	40.13 0.59 0.00	43.50 0.52 0.00	47.83 0.71 0.00	45.36 0.40 0.00	41.25 0.00 0.00	38.20 0.00 0.00	36.64 0.18 0.00	34.15 0.07 0.00	32.58 0.35 0.00
CHATEAUG_WT_PWR 323614	37.94 1.32 0.00	35.42 1.23 0.00	34.44 1.16 0.00	33.79 1.11 0.00	35.22 1.19 0.00	36.71 1.10 0.00	42.88 0.42 0.00	48.04 0.57 0.00	47.90 0.61 0.00	44.56 0.57 0.00	43.45 0.68 0.00	39.79 0.62 0.00	38.83 0.61 0.00	39.25 0.50 0.00	39.36 0.50 0.00	40.01 0.48 0.00	43.37 0.39 0.00	47.69 0.57 0.00	45.31 0.36 0.00	41.12 -0.12 0.00	38.31 0.11 0.00	36.53 0.07 0.00	34.05 -0.03 0.00	32.51 0.29 0.00
CHAT_HIGH_FALL_HYD 323578	38.02 1.39 0.00	35.49 1.30 0.00	34.47 1.20 0.00	33.82 1.14 0.00	35.26 1.23 0.00	36.71 1.10 0.00	42.96 0.51 0.00	48.13 0.66 0.00	48.00 0.71 0.00	44.64 0.66 0.00	43.54 0.77 0.00	39.87 0.70 0.00	38.79 0.57 0.00	39.29 0.54 0.00	39.44 0.58 0.00	40.13 0.59 0.00	43.50 0.52 0.00	47.83 0.71 0.00	45.36 0.40 0.00	41.25 0.00 0.00	38.20 0.00 0.00	36.64 0.18 0.00	34.15 0.07 0.00	32.58 0.35 0.00
CHAUTAUQUA___LFGE 323629	34.47 -2.16 0.00	32.28 -1.91 0.00	31.31 -1.96 0.00	30.75 -1.93 0.00	32.26 -1.77 0.00	34.46 -1.14 0.00	41.39 -1.06 0.00	45.05 -2.42 0.00	44.26 -3.03 0.00	41.43 -2.55 0.00	40.89 -1.88 0.00	37.64 -1.53 0.00	36.58 -1.64 0.00	36.96 -1.78 0.00	36.56 -2.29 0.00	37.24 -2.29 0.00	40.70 -2.28 0.00	44.01 -3.11 0.00	41.89 -3.06 0.00	38.57 -2.68 0.00	34.87 -3.32 0.00	33.03 -3.43 0.00	30.95 -3.13 0.00	29.93 -2.29 0.00
CHERRYST_13_KV_LD 356241	38.64 2.01 0.00	35.93 1.74 0.00	35.00 1.73 0.00	34.34 1.67 0.00	35.67 1.63 0.00	37.28 1.67 0.00	45.17 2.72 0.00	50.75 3.28 0.00	50.98 3.69 0.00	47.59 3.61 0.00	46.19 3.42 0.00	42.26 3.09 0.00	41.39 3.17 0.00	41.96 3.22 0.00	42.12 3.26 0.00	42.74 3.20 0.00	46.46 3.48 0.00	51.04 3.91 0.00	48.64 3.69 0.00	44.79 3.55 0.00	41.29 3.09 0.00	39.05 2.59 0.00	36.47 2.39 0.00	34.22 2.00 0.00

CHESTROR_138KV_BK263 355645	37.95 1.32 0.00	35.35 1.16 0.00	34.47 1.20 0.00	33.82 1.14 0.00	35.12 1.09 0.00	36.74 1.14 0.00	44.32 1.87 0.00	49.65 2.18 0.00	49.70 2.41 0.00	46.27 2.29 0.00	44.95 2.18 0.00	41.12 1.96 0.00	40.17 1.95 0.00	40.72 1.98 0.00	40.92 2.06 0.00	41.55 2.02 0.00	45.22 2.24 0.00	49.67 2.54 0.00	47.42 2.47 0.00	43.60 2.35 0.00	40.22 2.02 0.00	38.14 1.68 0.00	35.62 1.53 0.00	33.54 1.32 0.00
CH_MIDHUDSON___DRP 24192	38.46 1.83 0.00	35.83 1.64 0.00	34.90 1.63 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.24 1.64 0.00	44.91 2.46 0.00	50.27 2.80 0.00	50.36 3.07 0.00	46.89 2.90 0.00	45.51 2.74 0.00	41.63 2.47 0.00	40.63 2.41 0.00	41.18 2.44 0.00	41.42 2.56 0.00	42.10 2.57 0.00	45.77 2.79 0.00	50.28 3.16 0.00	48.05 3.10 0.00	44.13 2.89 0.00	40.72 2.52 0.00	38.61 2.15 0.00	36.06 1.98 0.00	33.96 1.74 0.00
CH_MISC_IPPS 23765	38.57 1.94 0.00	35.93 1.74 0.00	35.03 1.76 0.00	34.37 1.70 0.00	35.63 1.60 0.00	37.35 1.74 0.00	45.04 2.59 0.00	50.46 2.99 0.00	50.55 3.26 0.00	47.06 3.08 0.00	45.64 2.87 0.00	41.75 2.58 0.00	40.70 2.48 0.00	41.38 2.64 0.00	41.54 2.68 0.00	42.26 2.73 0.00	45.94 2.96 0.00	50.47 3.35 0.00	48.23 3.28 0.00	44.30 3.05 0.00	40.72 2.52 0.00	38.76 2.30 0.00	36.16 2.08 0.00	34.03 1.80 0.00
CH_RES_BVR_FALLS 23983	36.45 -0.18 0.00	34.02 -0.17 0.00	33.14 -0.13 0.00	32.54 -0.13 0.00	33.93 -0.10 0.00	35.39 -0.21 0.00	41.90 -0.55 0.00	46.95 -0.52 0.00	46.82 -0.47 0.00	43.59 -0.40 0.00	42.43 -0.34 0.00	38.85 -0.31 0.00	37.95 -0.27 0.00	38.43 -0.31 0.00	38.54 -0.31 0.00	39.18 -0.36 0.00	42.55 -0.43 0.00	46.61 -0.52 0.00	44.37 -0.59 0.00	40.63 -0.62 0.00	37.78 -0.42 0.00	36.10 -0.36 0.00	33.71 -0.37 0.00	31.87 -0.35 0.00
CH_RES_NIAGARA 23895	32.60 -4.03 0.00	30.56 -3.62 0.00	29.61 -3.66 0.00	29.08 -3.59 0.00	30.46 -3.57 0.00	32.54 -3.06 0.00	38.93 -3.52 0.00	42.06 -5.41 0.00	41.24 -6.05 0.00	38.71 -5.28 0.00	38.15 -4.62 0.00	35.13 -4.03 0.00	34.17 -4.05 0.00	34.48 -4.26 0.00	34.15 -4.70 0.00	34.87 -4.67 0.00	38.12 -4.86 0.00	41.00 -6.13 0.00	39.15 -5.80 0.00	36.26 -4.99 0.00	32.85 -5.35 0.00	31.25 -5.22 0.00	29.48 -4.60 0.00	28.48 -3.74 0.00
CH_RES_SYRACUSE 23985	35.97 -0.66 0.00	33.57 -0.61 0.00	32.64 -0.63 0.00	32.09 -0.59 0.00	33.45 -0.58 0.00	35.21 -0.39 0.00	42.24 -0.21 0.00	47.14 -0.33 0.00	46.82 -0.47 0.00	43.59 -0.40 0.00	42.43 -0.34 0.00	38.89 -0.27 0.00	37.91 -0.31 0.00	38.43 -0.31 0.00	38.47 -0.39 0.00	39.18 -0.36 0.00	42.64 -0.35 0.00	46.70 -0.42 0.00	44.55 -0.41 0.00	40.88 -0.37 0.00	37.63 -0.57 0.00	35.81 -0.66 0.00	33.43 -0.65 0.00	31.64 -0.58 0.00
CLINTON_WT_PWR 323605	37.94 1.32 0.00	35.42 1.23 0.00	34.44 1.16 0.00	33.79 1.11 0.00	35.22 1.19 0.00	36.71 1.10 0.00	42.88 0.42 0.00	48.04 0.57 0.00	47.90 0.61 0.00	44.56 0.57 0.00	43.45 0.68 0.00	39.79 0.62 0.00	38.83 0.61 0.00	39.25 0.50 0.00	39.36 0.50 0.00	40.01 0.48 0.00	43.37 0.39 0.00	47.69 0.57 0.00	45.31 0.36 0.00	41.12 -0.12 0.00	38.31 0.11 0.00	36.53 0.07 0.00	34.05 -0.03 0.00	32.51 0.29 0.00
CLINTON___LFGE 323618	38.49 1.87 0.00	35.97 1.78 0.00	34.93 1.66 0.00	34.24 1.57 0.00	35.73 1.70 0.00	37.28 1.67 0.00	43.51 1.06 0.00	48.80 1.33 0.00	48.61 1.32 0.00	45.21 1.23 0.00	44.14 1.37 0.00	40.42 1.25 0.00	39.37 1.15 0.00	39.79 1.05 0.00	39.91 1.05 0.00	40.60 1.07 0.00	44.01 1.03 0.00	48.49 1.37 0.00	46.03 1.08 0.00	41.74 0.50 0.00	38.85 0.65 0.00	37.01 0.55 0.00	34.49 0.41 0.00	32.99 0.77 0.00
COBBLENY_34_KV_TB1 80064	34.14 -2.49 0.00	32.00 -2.19 0.00	31.04 -2.23 0.00	30.45 -2.22 0.00	31.96 -2.08 0.00	34.07 -1.53 0.00	40.88 -1.57 0.00	44.53 -2.94 0.00	43.74 -3.55 0.00	40.91 -3.08 0.00	40.25 -2.52 0.00	37.09 -2.08 0.00	36.19 -2.03 0.00	36.77 -1.98 0.00	36.25 -2.60 0.00	37.08 -2.45 0.00	40.23 -2.75 0.00	43.50 -3.63 0.00	41.49 -3.46 0.00	38.20 -3.05 0.00	35.26 -2.94 0.00	32.85 -3.61 0.00	30.81 -3.27 0.00	29.77 -2.45 0.00
COFFEEN___115KV_TB3 355620	35.64 -0.99 0.00	33.30 -0.89 0.00	32.31 -0.96 0.00	31.69 -0.98 0.00	33.11 -0.92 0.00	34.89 -0.71 0.00	42.15 -0.30 0.00	47.47 0.00 0.00	47.24 -0.05 0.00	44.12 0.13 0.00	42.90 0.13 0.00	39.16 0.00 0.00	38.14 -0.08 0.00	38.67 -0.08 0.00	38.82 -0.04 0.00	39.61 0.08 0.00	43.37 0.39 0.00	47.41 0.28 0.00	44.86 -0.09 0.00	41.08 -0.16 0.00	37.89 -0.31 0.00	35.88 -0.58 0.00	33.30 -0.78 0.00	31.45 -0.77 0.00
COLDSPRG_115KV_BK1 355956	35.27 -1.36 0.00	33.03 -1.16 0.00	32.01 -1.26 0.00	31.43 -1.24 0.00	33.05 -0.99 0.00	35.25 -0.36 0.00	42.49 0.04 0.00	46.47 -1.00 0.00	45.68 -1.61 0.00	42.67 -1.32 0.00	42.00 -0.77 0.00	38.69 -0.47 0.00	37.72 -0.50 0.00	38.28 -0.46 0.00	37.73 -1.13 0.00	38.51 -1.03 0.00	41.78 -1.20 0.00	45.33 -1.79 0.00	43.06 -1.89 0.00	39.52 -1.73 0.00	36.36 -1.83 0.00	33.84 -2.63 0.00	31.53 -2.56 0.00	30.58 -1.64 0.00
COLONIE_LFGE___ 323577	38.17 1.54 0.00	35.62 1.44 0.00	34.67 1.40 0.00	34.05 1.37 0.00	35.46 1.43 0.00	37.13 1.53 0.00	44.57 2.12 0.00	49.84 2.37 0.00	49.70 2.41 0.00	46.10 2.11 0.00	44.70 1.93 0.00	40.85 1.68 0.00	39.79 1.57 0.00	40.41 1.66 0.00	40.65 1.79 0.00	41.31 1.78 0.00	44.92 1.94 0.00	49.34 2.22 0.00	47.15 2.20 0.00	43.31 2.06 0.00	39.92 1.72 0.00	37.99 1.53 0.00	35.58 1.50 0.00	33.57 1.35 0.00
COOPERNY_115KV_TB1 80082	37.54 0.92 0.00	35.01 0.82 0.00	34.10 0.83 0.00	33.49 0.82 0.00	34.82 0.78 0.00	36.42 0.82 0.00	43.85 1.40 0.00	49.13 1.66 0.00	49.09 1.80 0.00	45.74 1.76 0.00	44.44 1.67 0.00	40.65 1.49 0.00	39.71 1.49 0.00	40.25 1.51 0.00	40.37 1.52 0.00	41.08 1.54 0.00	44.66 1.68 0.00	49.06 1.93 0.00	46.79 1.84 0.00	43.02 1.77 0.00	39.76 1.57 0.00	37.70 1.24 0.00	35.21 1.12 0.00	33.19 0.97 0.00
COPENHAGEN_WT_PWR 323753	35.49 -1.14 0.00	33.13 -1.06 0.00	32.17 -1.10 0.00	31.56 -1.11 0.00	32.98 -1.06 0.00	34.68 -0.93 0.00	41.82 -0.64 0.00	47.04 -0.43 0.00	46.82 -0.47 0.00	43.72 -0.26 0.00	42.56 -0.21 0.00	38.85 -0.31 0.00	37.88 -0.34 0.00	38.36 -0.39 0.00	38.51 -0.35 0.00	39.26 -0.27 0.00	42.90 -0.09 0.00	46.89 -0.23 0.00	44.46 -0.49 0.00	40.71 -0.54 0.00	37.51 -0.69 0.00	35.62 -0.84 0.00	33.09 -0.99 0.00	31.26 -0.97 0.00
CORNELL_____ 23752	36.96 0.33 0.00	34.53 0.34 0.00	33.57 0.30 0.00	33.00 0.33 0.00	34.48 0.44 0.00	36.35 0.75 0.00	43.77 1.32 0.00	48.85 1.38 0.00	48.43 1.13 0.00	45.04 1.06 0.00	43.88 1.11 0.00	40.18 1.02 0.00	39.18 0.96 0.00	39.75 1.01 0.00	39.75 0.89 0.00	40.56 1.03 0.00	44.14 1.16 0.00	48.40 1.27 0.00	46.16 1.21 0.00	42.36 1.11 0.00	39.04 0.84 0.00	36.90 0.44 0.00	34.35 0.27 0.00	32.54 0.32 0.00

CORONA_69_KV_TB1 355595	54.82 2.45 -15.74	46.93 2.22 -10.52	45.59 2.20 -10.12	45.64 2.16 -10.81	46.93 2.11 -10.79	58.29 2.14 -20.55	63.74 3.10 -18.19	67.38 3.61 -16.30	77.05 3.93 -25.83	65.16 3.78 -17.39	51.97 3.68 -5.52	51.11 3.33 -8.62	50.42 3.36 -8.84	50.11 3.41 -7.96	51.00 3.46 -8.68	51.93 3.44 -8.96	60.58 3.65 -13.95	72.72 4.15 -21.45	70.68 4.00 -21.73	63.24 3.75 -18.24	57.35 3.32 -15.83	52.78 2.88 -13.43	48.40 2.62 -11.70	44.73 2.38 -10.13
CORTLAND_115KV_TB3 80093	36.66 0.04 0.00	34.26 0.07 0.00	33.30 0.03 0.00	32.74 0.07 0.00	34.17 0.14 0.00	36.00 0.39 0.00	43.26 0.81 0.00	48.32 0.85 0.00	47.95 0.66 0.00	44.64 0.66 0.00	43.50 0.73 0.00	39.83 0.67 0.00	38.83 0.61 0.00	39.40 0.66 0.00	39.40 0.54 0.00	40.17 0.63 0.00	43.71 0.73 0.00	47.83 0.71 0.00	45.63 0.67 0.00	41.87 0.62 0.00	38.66 0.46 0.00	36.53 0.07 0.00	34.08 0.00 0.00	32.29 0.06 0.00
COXSACKIE___GT 23611	39.52 2.89 0.00	36.89 2.70 0.00	35.93 2.66 0.00	35.29 2.61 0.00	36.69 2.66 0.00	38.56 2.95 0.00	46.31 3.86 0.00	51.36 3.89 0.00	50.79 3.50 0.00	46.62 2.64 0.00	45.08 2.31 0.00	41.32 2.15 0.00	40.21 1.99 0.00	40.87 2.13 0.00	41.07 2.21 0.00	41.87 2.33 0.00	45.60 2.62 0.00	50.05 2.92 0.00	48.19 3.24 0.00	44.09 2.84 0.00	40.61 2.41 0.00	38.83 2.37 0.00	36.54 2.46 0.00	34.64 2.42 0.00
CPV_VALLEY___CC1 323721	37.65 1.02 0.00	35.11 0.92 0.00	34.24 0.97 0.00	33.59 0.91 0.00	34.88 0.85 0.00	36.49 0.89 0.00	43.98 1.53 0.00	49.32 1.85 0.00	49.32 2.03 0.00	45.92 1.93 0.00	44.57 1.80 0.00	40.81 1.64 0.00	39.82 1.60 0.00	40.49 1.75 0.00	40.61 1.75 0.00	41.31 1.78 0.00	44.87 1.89 0.00	49.29 2.17 0.00	47.02 2.07 0.00	43.27 2.02 0.00	39.80 1.60 0.00	37.85 1.39 0.00	35.38 1.29 0.00	33.32 1.10 0.00
CPV_VALLEY___CC2 323722	37.65 1.02 0.00	35.11 0.92 0.00	34.24 0.97 0.00	33.59 0.91 0.00	34.88 0.85 0.00	36.49 0.89 0.00	43.98 1.53 0.00	49.32 1.85 0.00	49.32 2.03 0.00	45.92 1.93 0.00	44.57 1.80 0.00	40.81 1.64 0.00	39.82 1.60 0.00	40.49 1.75 0.00	40.61 1.75 0.00	41.31 1.78 0.00	44.87 1.89 0.00	49.29 2.17 0.00	47.02 2.07 0.00	43.27 2.02 0.00	39.80 1.60 0.00	37.85 1.39 0.00	35.38 1.29 0.00	33.32 1.10 0.00
CRESCENT___HYD 24018	38.17 1.54 0.00	35.62 1.44 0.00	34.67 1.40 0.00	34.05 1.37 0.00	35.46 1.43 0.00	37.13 1.53 0.00	44.57 2.12 0.00	49.84 2.37 0.00	49.70 2.41 0.00	46.10 2.11 0.00	44.70 1.93 0.00	40.85 1.68 0.00	39.79 1.57 0.00	40.41 1.66 0.00	40.65 1.79 0.00	41.31 1.78 0.00	44.92 1.94 0.00	49.34 2.22 0.00	47.15 2.20 0.00	43.31 2.06 0.00	39.92 1.72 0.00	37.99 1.53 0.00	35.58 1.50 0.00	33.57 1.35 0.00
CRICKET___VALLEY_CC1 323756	38.39 1.76 0.00	35.76 1.57 0.00	34.84 1.56 0.00	34.21 1.54 0.00	35.53 1.50 0.00	37.17 1.56 0.00	44.78 2.33 0.00	50.22 2.75 0.00	50.22 2.93 0.00	46.76 2.77 0.00	45.34 2.57 0.00	41.44 2.27 0.00	40.44 2.22 0.00	41.11 2.36 0.00	41.35 2.49 0.00	42.07 2.53 0.00	45.65 2.67 0.00	50.14 3.02 0.00	47.87 2.92 0.00	44.01 2.76 0.00	40.49 2.29 0.00	38.54 2.08 0.00	35.99 1.91 0.00	33.90 1.67 0.00
CRICKET___VALLEY_CC2 323757	38.39 1.76 0.00	35.76 1.57 0.00	34.84 1.56 0.00	34.21 1.54 0.00	35.53 1.50 0.00	37.17 1.56 0.00	44.78 2.33 0.00	50.22 2.75 0.00	50.22 2.93 0.00	46.76 2.77 0.00	45.34 2.57 0.00	41.44 2.27 0.00	40.44 2.22 0.00	41.11 2.36 0.00	41.35 2.49 0.00	42.07 2.53 0.00	45.65 2.67 0.00	50.14 3.02 0.00	47.87 2.92 0.00	44.01 2.76 0.00	40.49 2.29 0.00	38.54 2.08 0.00	35.99 1.91 0.00	33.90 1.67 0.00
CRICKET___VALLEY_CC3 323758	38.39 1.76 0.00	35.76 1.57 0.00	34.84 1.56 0.00	34.21 1.54 0.00	35.53 1.50 0.00	37.17 1.56 0.00	44.78 2.33 0.00	50.22 2.75 0.00	50.22 2.93 0.00	46.76 2.77 0.00	45.34 2.57 0.00	41.44 2.27 0.00	40.44 2.22 0.00	41.11 2.36 0.00	41.35 2.49 0.00	42.07 2.53 0.00	45.65 2.67 0.00	50.14 3.02 0.00	47.87 2.92 0.00	44.01 2.76 0.00	40.49 2.29 0.00	38.54 2.08 0.00	35.99 1.91 0.00	33.90 1.67 0.00
CRUCIBLE_METL_DRP 24180	35.97 -0.66 0.00	33.57 -0.62 0.00	32.67 -0.60 0.00	32.09 -0.59 0.00	33.45 -0.58 0.00	35.21 -0.39 0.00	42.24 -0.21 0.00	47.14 -0.33 0.00	46.86 -0.43 0.00	43.59 -0.40 0.00	42.43 -0.27 0.00	38.89 -0.27 0.00	37.95 -0.27 0.00	38.47 -0.27 0.00	38.51 -0.35 0.00	39.22 -0.32 0.00	42.64 -0.34 0.00	46.70 -0.42 0.00	44.55 -0.40 0.00	40.88 -0.37 0.00	37.78 -0.42 0.00	35.81 -0.66 0.00	33.43 -0.65 0.00	31.64 -0.58 0.00
DAHOWA___HYDRO 323763	38.17 1.54 0.00	35.66 1.47 0.00	34.73 1.46 0.00	34.15 1.47 0.00	35.57 1.53 0.00	37.31 1.71 0.00	44.91 2.46 0.00	50.22 2.75 0.00	50.22 2.93 0.00	46.45 2.46 0.00	45.08 2.31 0.00	41.01 1.84 0.00	39.94 1.72 0.00	40.45 1.70 0.00	40.61 1.75 0.00	41.31 1.78 0.00	45.04 2.06 0.00	49.48 2.36 0.00	47.38 2.43 0.00	43.43 2.18 0.00	39.99 1.80 0.00	37.96 1.50 0.00	35.41 1.33 0.00	33.41 1.19 0.00
DANC___LFGE 323619	35.31 -1.32 0.00	32.96 -1.23 0.00	32.04 -1.23 0.00	31.43 -1.24 0.00	32.84 -1.19 0.00	34.54 -1.07 0.00	41.56 -0.89 0.00	46.62 -0.85 0.00	46.39 -0.90 0.00	43.28 -0.71 0.00	42.08 -0.69 0.00	38.50 -0.67 0.00	37.53 -0.69 0.00	38.05 -0.70 0.00	38.12 -0.74 0.00	38.86 -0.67 0.00	42.42 -0.56 0.00	46.42 -0.71 0.00	44.10 -0.86 0.00	40.38 -0.87 0.00	37.20 -0.99 0.00	35.40 -1.06 0.00	32.96 -1.12 0.00	31.13 -1.10 0.00
DANSKAMMER___1 23586	38.57 1.94 0.00	35.93 1.74 0.00	35.03 1.76 0.00	34.37 1.70 0.00	35.63 1.60 0.00	37.35 1.74 0.00	45.04 2.59 0.00	50.46 2.99 0.00	50.55 3.26 0.00	47.06 3.08 0.00	45.64 2.87 0.00	41.75 2.58 0.00	40.70 2.48 0.00	41.38 2.64 0.00	41.54 2.68 0.00	42.26 2.73 0.00	45.94 2.96 0.00	50.47 3.35 0.00	48.23 3.28 0.00	44.30 3.05 0.00	40.72 2.52 0.00	38.76 2.30 0.00	36.16 2.08 0.00	34.03 1.80 0.00
DANSKAMMER___2 23589	38.57 1.94 0.00	35.93 1.74 0.00	35.03 1.76 0.00	34.37 1.70 0.00	35.63 1.60 0.00	37.35 1.74 0.00	45.04 2.59 0.00	50.46 2.99 0.00	50.55 3.26 0.00	47.06 3.08 0.00	45.64 2.87 0.00	41.75 2.58 0.00	40.70 2.48 0.00	41.38 2.64 0.00	41.54 2.68 0.00	42.26 2.73 0.00	45.94 2.96 0.00	50.47 3.35 0.00	48.23 3.28 0.00	44.30 3.05 0.00	40.72 2.52 0.00	38.76 2.30 0.00	36.16 2.08 0.00	34.03 1.80 0.00
DANSKAMMER___3 23590	38.57 1.94 0.00	35.93 1.74 0.00	35.03 1.76 0.00	34.37 1.70 0.00	35.63 1.60 0.00	37.35 1.74 0.00	45.04 2.59 0.00	50.46 2.99 0.00	50.55 3.26 0.00	47.06 3.08 0.00	45.64 2.87 0.00	41.75 2.58 0.00	40.70 2.48 0.00	41.38 2.64 0.00	41.54 2.68 0.00	42.26 2.73 0.00	45.94 2.96 0.00	50.47 3.35 0.00	48.23 3.28 0.00	44.30 3.05 0.00	40.72 2.52 0.00	38.76 2.30 0.00	36.16 2.08 0.00	34.03 1.80 0.00

DANSKAMMER___4 23591	38.57 1.94 0.00	35.93 1.74 0.00	35.03 1.76 0.00	34.37 1.70 0.00	35.63 1.60 0.00	37.35 1.74 0.00	45.04 2.59 0.00	50.46 2.99 0.00	50.55 3.26 0.00	47.06 3.08 0.00	45.64 2.87 0.00	41.75 2.58 0.00	40.70 2.48 0.00	41.38 2.64 0.00	41.54 2.68 0.00	42.26 2.73 0.00	45.94 2.96 0.00	50.47 3.35 0.00	48.23 3.28 0.00	44.30 3.05 0.00	40.72 2.52 0.00	38.76 2.30 0.00	36.16 2.08 0.00	34.03 1.80 0.00
DANSKAMMER___DIESEL 23592	38.57 1.94 0.00	35.93 1.74 0.00	35.00 1.73 0.00	34.37 1.70 0.00	35.63 1.60 0.00	37.35 1.74 0.00	45.04 2.59 0.00	50.41 2.94 0.00	50.55 3.26 0.00	47.06 3.08 0.00	45.68 2.91 0.00	41.75 2.58 0.00	40.78 2.56 0.00	41.34 2.60 0.00	41.54 2.68 0.00	42.22 2.69 0.00	45.95 2.97 0.00	50.47 3.35 0.00	48.23 3.28 0.00	44.30 3.05 0.00	40.87 2.67 0.00	38.76 2.30 0.00	36.16 2.08 0.00	34.03 1.80 0.00
DARBY___SOLAR 323810	38.20 1.57 0.00	35.66 1.47 0.00	34.73 1.46 0.00	34.15 1.47 0.00	35.57 1.53 0.00	37.28 1.67 0.00	44.87 2.42 0.00	50.13 2.66 0.00	50.13 2.84 0.00	46.40 2.42 0.00	45.03 2.27 0.00	41.01 1.84 0.00	39.94 1.72 0.00	40.45 1.70 0.00	40.65 1.79 0.00	41.35 1.82 0.00	45.04 2.06 0.00	49.48 2.36 0.00	47.38 2.43 0.00	43.43 2.18 0.00	39.99 1.80 0.00	37.96 1.50 0.00	35.45 1.36 0.00	33.45 1.22 0.00
DASHVILLE___HYD 23610	38.17 1.54 0.00	35.52 1.33 0.00	34.64 1.36 0.00	33.98 1.31 0.00	35.22 1.19 0.00	36.89 1.28 0.00	44.49 2.04 0.00	49.75 2.28 0.00	49.89 2.60 0.00	46.54 2.55 0.00	45.16 2.40 0.00	41.24 2.08 0.00	40.28 2.06 0.00	40.80 2.05 0.00	41.03 2.18 0.00	41.71 2.17 0.00	45.43 2.45 0.00	49.90 2.78 0.00	47.69 2.74 0.00	43.80 2.56 0.00	40.41 2.22 0.00	38.36 1.90 0.00	35.75 1.67 0.00	33.67 1.45 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	56.50 4.14 -15.74	48.40 3.69 -10.52	47.08 3.69 -10.12	47.07 3.59 -10.81	48.46 3.64 -10.79	60.18 4.02 -20.55	66.33 5.69 -18.19	70.52 6.74 -16.31	80.13 7.00 -25.84	67.85 6.47 -17.40	54.49 6.20 -5.52	53.42 5.64 -8.62	52.53 5.47 -8.84	52.25 5.54 -7.96	53.13 5.60 -8.68	54.22 5.73 -8.96	63.38 6.45 -13.95	75.79 7.21 -21.45	73.65 6.97 -21.73	66.04 6.56 -18.24	59.83 5.81 -15.83	54.93 5.03 -13.43	50.24 4.46 -11.70	46.25 3.90 -10.13
DELAWARE___LFGE 323621	37.58 0.95 0.00	35.08 0.89 0.00	34.14 0.87 0.00	33.52 0.85 0.00	34.92 0.88 0.00	36.67 1.07 0.00	44.19 1.74 0.00	49.46 1.99 0.00	49.28 1.99 0.00	45.83 1.85 0.00	44.61 1.84 0.00	40.81 1.64 0.00	39.82 1.61 0.00	40.37 1.63 0.00	40.49 1.63 0.00	41.16 1.62 0.00	44.87 1.89 0.00	49.20 2.07 0.00	46.93 1.98 0.00	43.10 1.86 0.00	39.80 1.60 0.00	37.70 1.24 0.00	35.17 1.09 0.00	33.22 1.00 0.00
DERFIELD_115KV_TB7 355931	36.81 0.18 0.00	34.36 0.17 0.00	33.44 0.17 0.00	32.84 0.16 0.00	34.20 0.17 0.00	35.85 0.25 0.00	42.92 0.47 0.00	47.99 0.52 0.00	47.86 0.57 0.00	44.51 0.53 0.00	43.24 0.47 0.00	39.60 0.43 0.00	38.64 0.42 0.00	39.17 0.43 0.00	39.32 0.47 0.00	39.97 0.43 0.00	43.32 0.34 0.00	47.50 0.38 0.00	45.31 0.36 0.00	41.58 0.33 0.00	38.46 0.27 0.00	36.64 0.18 0.00	34.25 0.17 0.00	32.35 0.13 0.00
DOGLEVILLE___HYD 23807	37.25 0.62 0.00	34.81 0.62 0.00	33.87 0.60 0.00	33.29 0.62 0.00	34.71 0.68 0.00	36.42 0.82 0.00	43.68 1.23 0.00	48.94 1.47 0.00	48.80 1.51 0.00	45.39 1.41 0.00	44.14 1.37 0.00	40.42 1.25 0.00	39.44 1.22 0.00	39.98 1.24 0.00	40.10 1.24 0.00	40.76 1.23 0.00	44.23 1.25 0.00	48.44 1.32 0.00	46.17 1.21 0.00	42.36 1.11 0.00	39.11 0.92 0.00	37.23 0.77 0.00	34.80 0.72 0.00	32.83 0.61 0.00
DUNKIRK___115KV_TB_200 55889	34.39 -2.23 0.00	32.21 -1.98 0.00	31.28 -2.00 0.00	30.68 -1.99 0.00	32.20 -1.84 0.00	34.36 -1.25 0.00	41.31 -1.15 0.00	45.05 -2.42 0.00	44.26 -3.03 0.00	41.35 -2.64 0.00	40.67 -2.10 0.00	37.52 -1.64 0.00	36.61 -1.61 0.00	37.15 -1.59 0.00	36.64 -2.21 0.00	37.44 -2.10 0.00	40.62 -2.36 0.00	43.92 -3.20 0.00	41.85 -3.10 0.00	38.48 -2.76 0.00	35.49 -2.71 0.00	33.03 -3.43 0.00	30.95 -3.14 0.00	29.90 -2.32 0.00
DUNKIRK___1 23563	34.39 -2.23 0.00	32.21 -1.98 0.00	31.28 -2.00 0.00	30.68 -1.99 0.00	32.20 -1.84 0.00	34.36 -1.25 0.00	41.31 -1.15 0.00	45.05 -2.42 0.00	44.26 -3.03 0.00	41.35 -2.64 0.00	40.67 -2.10 0.00	37.52 -1.64 0.00	36.61 -1.61 0.00	37.15 -1.59 0.00	36.64 -2.21 0.00	37.44 -2.10 0.00	40.62 -2.36 0.00	43.92 -3.20 0.00	41.85 -3.10 0.00	38.48 -2.76 0.00	35.49 -2.71 0.00	33.03 -3.43 0.00	30.95 -3.14 0.00	29.90 -2.32 0.00
DUNKIRK___2 23564	34.39 -2.23 0.00	32.21 -1.98 0.00	31.28 -2.00 0.00	30.68 -1.99 0.00	32.20 -1.84 0.00	34.36 -1.25 0.00	41.31 -1.15 0.00	45.05 -2.42 0.00	44.26 -3.03 0.00	41.35 -2.64 0.00	40.67 -2.10 0.00	37.52 -1.64 0.00	36.61 -1.61 0.00	37.15 -1.59 0.00	36.64 -2.21 0.00	37.44 -2.10 0.00	40.62 -2.36 0.00	43.92 -3.20 0.00	41.85 -3.10 0.00	38.48 -2.76 0.00	35.49 -2.71 0.00	33.03 -3.43 0.00	30.95 -3.14 0.00	29.90 -2.32 0.00
DUNKIRK___3 23565	34.32 -2.31 0.00	32.14 -2.05 0.00	31.18 -2.10 0.00	30.62 -2.06 0.00	32.09 -1.94 0.00	34.25 -1.35 0.00	41.09 -1.36 0.00	44.81 -2.66 0.00	44.03 -3.26 0.00	41.17 -2.82 0.00	40.50 -2.27 0.00	37.32 -1.84 0.00	36.42 -1.80 0.00	36.96 -1.78 0.00	36.49 -2.37 0.00	37.28 -2.25 0.00	40.45 -2.54 0.00	43.78 -3.35 0.00	41.71 -3.24 0.00	38.40 -2.85 0.00	35.41 -2.79 0.00	33.00 -3.46 0.00	30.91 -3.17 0.00	29.90 -2.32 0.00
DUNKIRK___4 23566	34.32 -2.31 0.00	32.14 -2.05 0.00	31.18 -2.10 0.00	30.62 -2.06 0.00	32.13 -1.91 0.00	34.25 -1.35 0.00	41.14 -1.32 0.00	44.86 -2.61 0.00	44.07 -3.22 0.00	41.21 -2.77 0.00	40.55 -2.22 0.00	37.36 -1.80 0.00	36.46 -1.76 0.00	37.00 -1.74 0.00	36.53 -2.33 0.00	37.32 -2.21 0.00	40.49 -2.49 0.00	43.78 -3.35 0.00	41.71 -3.24 0.00	38.40 -2.85 0.00	35.37 -2.83 0.00	32.96 -3.50 0.00	30.88 -3.20 0.00	29.84 -2.38 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.50 1.87 0.00	35.83 1.64 0.00	34.90 1.63 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.00 2.55 0.00	50.51 3.04 0.00	50.60 3.31 0.00	47.20 3.21 0.00	45.81 3.04 0.00	41.95 2.78 0.00	41.01 2.79 0.00	41.57 2.83 0.00	41.77 2.91 0.00	42.42 2.89 0.00	46.12 3.14 0.00	50.66 3.53 0.00	48.32 3.37 0.00	44.46 3.22 0.00	41.02 2.83 0.00	38.83 2.37 0.00	36.26 2.18 0.00	34.09 1.87 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.28 1.65 0.00	35.66 1.47 0.00	34.74 1.46 0.00	34.11 1.44 0.00	35.39 1.36 0.00	37.06 1.46 0.00	44.70 2.25 0.00	50.08 2.61 0.00	50.13 2.84 0.00	46.71 2.73 0.00	45.34 2.57 0.00	41.44 2.27 0.00	40.47 2.25 0.00	41.03 2.29 0.00	41.23 2.37 0.00	41.91 2.37 0.00	45.60 2.62 0.00	50.09 2.97 0.00	47.87 2.92 0.00	43.97 2.72 0.00	40.57 2.37 0.00	38.47 2.01 0.00	35.92 1.84 0.00	33.80 1.58 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	38.61 1.98 0.00	35.83 1.64 0.00	34.90 1.63 0.00	34.21 1.54 0.00	35.53 1.50 0.00	37.06 1.46 0.00	44.91 2.46 0.00	50.60 3.13 0.00	50.84 3.55 0.00	47.47 3.47 -0.01	46.16 3.38 -0.01	42.18 3.02 0.00	41.32 3.10 -0.01	41.89 3.14 -0.01	42.05 3.19 -0.01	42.71 3.16 -0.01	46.42 3.44 0.00	50.90 3.77 -0.01	48.56 3.60 -0.01	44.84 3.59 -0.01	41.30 3.09 -0.01	39.05 2.59 0.00	36.54 2.45 0.00	34.25 2.03 0.00
E179THST_13_KV_LOAD 356214	38.75 2.12 0.00	35.97 1.78 0.00	35.00 1.73 0.00	34.31 1.63 0.00	35.63 1.60 0.00	37.21 1.60 0.00	45.08 2.63 0.00	50.79 3.32 0.00	51.03 3.74 0.00	47.69 3.69 -0.01	46.33 3.55 -0.01	42.38 3.21 0.00	41.51 3.29 -0.01	42.08 3.33 -0.01	42.25 3.38 -0.01	42.90 3.36 -0.01	46.68 3.70 0.00	51.14 4.01 -0.01	48.82 3.87 -0.01	45.05 3.79 -0.01	41.49 3.28 -0.01	39.23 2.77 0.00	36.67 2.59 0.00	34.38 2.16 0.00
EAST HAMPTON___GT 23717	56.83 4.47 -15.74	48.71 4.00 -10.52	47.38 3.99 -10.12	47.37 3.89 -10.81	48.73 3.91 -10.79	60.50 4.34 -20.55	66.76 6.11 -18.19	71.09 7.31 -16.31	80.69 7.56 -25.84	68.33 6.95 -17.40	54.92 6.63 -5.52	53.81 6.03 -8.62	52.87 5.81 -8.84	52.63 5.93 -7.96	53.52 5.98 -8.68	54.65 6.16 -8.96	63.85 6.92 -13.95	76.31 7.73 -21.45	74.19 7.51 -21.73	66.50 7.01 -18.24	60.02 6.00 -15.83	55.33 5.43 -13.43	50.58 4.81 -11.70	46.57 4.22 -10.13
EAST RIVER___6 23660	38.35 1.72 0.00	35.66 1.47 0.00	34.73 1.46 0.00	34.08 1.40 0.00	35.40 1.36 0.00	36.99 1.39 0.00	44.87 2.42 0.00	50.51 3.04 0.00	50.74 3.45 0.00	47.37 3.39 0.00	45.89 3.12 0.00	42.06 2.90 0.00	41.12 2.90 0.00	41.80 3.06 0.00	41.93 3.07 0.00	42.66 3.12 0.00	46.25 3.26 0.00	50.80 3.68 0.00	48.41 3.46 0.00	44.55 3.30 0.00	40.91 2.71 0.00	38.83 2.37 0.00	36.23 2.15 0.00	33.99 1.77 0.00
EAST RIVER___7 23524	38.35 1.72 0.00	35.66 1.47 0.00	34.73 1.46 0.00	34.08 1.40 0.00	35.40 1.36 0.00	36.99 1.39 0.00	44.87 2.42 0.00	50.51 3.04 0.00	50.74 3.45 0.00	47.37 3.39 0.00	45.89 3.12 0.00	42.06 2.90 0.00	41.12 2.90 0.00	41.80 3.06 0.00	41.93 3.07 0.00	42.66 3.12 0.00	46.25 3.26 0.00	50.80 3.68 0.00	48.41 3.46 0.00	44.55 3.30 0.00	40.91 2.71 0.00	38.83 2.37 0.00	36.23 2.15 0.00	33.99 1.77 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.39 1.76 0.00	35.76 1.57 0.00	34.84 1.56 0.00	34.21 1.54 0.00	35.50 1.46 0.00	37.13 1.53 0.00	44.87 2.42 0.00	50.37 2.90 0.00	50.46 3.17 0.00	47.06 3.08 0.00	45.68 2.91 0.00	41.79 2.62 0.00	40.90 2.68 0.00	41.46 2.71 0.00	41.62 2.76 0.00	42.26 2.73 0.00	45.95 2.97 0.00	50.52 3.39 0.00	48.19 3.24 0.00	44.34 3.09 0.00	40.91 2.71 0.00	38.72 2.26 0.00	36.16 2.08 0.00	33.99 1.77 0.00
EAST_HAMPTON___DIESEL 23722	56.83 4.47 -15.74	48.71 4.00 -10.52	47.38 3.99 -10.12	47.37 3.89 -10.81	48.77 3.95 -10.79	60.50 4.34 -20.55	66.76 6.11 -18.19	71.09 7.31 -16.31	80.69 7.56 -25.84	68.33 6.95 -17.40	54.92 6.63 -5.52	53.85 6.07 -8.62	52.87 5.81 -8.84	52.67 5.96 -7.96	53.52 5.98 -8.68	54.70 6.21 -8.96	63.85 6.92 -13.95	76.35 7.77 -21.45	74.19 7.51 -21.73	66.54 7.05 -18.24	60.06 6.03 -15.83	55.33 5.43 -13.43	50.58 4.81 -11.70	46.57 4.22 -10.13
EAST_PULASKI___ESR 323781	35.24 -1.39 0.00	32.89 -1.30 0.00	31.97 -1.30 0.00	31.40 -1.27 0.00	32.77 -1.26 0.00	34.46 -1.14 0.00	41.39 -1.06 0.00	46.33 -1.14 0.00	46.06 -1.23 0.00	42.89 -1.10 0.00	41.74 -1.03 0.00	38.22 -0.94 0.00	37.26 -0.96 0.00	37.81 -0.93 0.00	37.89 -0.97 0.00	38.59 -0.95 0.00	42.04 -0.95 0.00	45.99 -1.13 0.00	43.83 -1.12 0.00	40.18 -1.07 0.00	37.13 -1.07 0.00	35.33 -1.13 0.00	32.92 -1.16 0.00	31.13 -1.10 0.00
EAST_RIVER___1 323558	38.53 1.90 0.00	35.83 1.64 0.00	34.93 1.66 0.00	34.28 1.60 0.00	35.57 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.65 3.18 0.00	50.88 3.59 0.00	47.46 3.47 0.00	45.98 3.21 0.00	42.14 2.98 0.00	41.16 2.94 0.00	41.88 3.14 0.00	42.00 3.15 0.00	42.70 3.16 0.00	46.34 3.35 0.00	50.85 3.72 0.00	48.50 3.55 0.00	44.67 3.42 0.00	41.02 2.83 0.00	38.98 2.51 0.00	36.37 2.28 0.00	34.12 1.90 0.00
EAST_RIVER___2 323559	38.35 1.72 0.00	35.66 1.47 0.00	34.73 1.46 0.00	34.08 1.40 0.00	35.40 1.36 0.00	36.99 1.39 0.00	44.87 2.42 0.00	50.51 3.04 0.00	50.74 3.45 0.00	47.37 3.39 0.00	45.89 3.12 0.00	42.06 2.90 0.00	41.12 2.90 0.00	41.80 3.06 0.00	41.93 3.07 0.00	42.66 3.12 0.00	46.25 3.26 0.00	50.80 3.68 0.00	48.41 3.46 0.00	44.55 3.30 0.00	40.91 2.71 0.00	38.83 2.37 0.00	36.23 2.15 0.00	33.99 1.77 0.00
EAST___DELAWARE_HYD 23607	37.87 1.25 0.00	35.28 1.09 0.00	34.37 1.10 0.00	33.75 1.08 0.00	34.98 0.95 0.00	36.67 1.07 0.00	44.36 1.91 0.00	49.66 2.18 0.00	49.75 2.46 0.00	46.31 2.33 0.00	44.86 2.10 0.00	41.04 1.88 0.00	38.94 0.72 0.00	39.52 0.77 0.00	39.71 0.85 0.00	40.44 0.91 0.00	44.10 1.12 0.00	48.49 1.37 0.00	46.35 1.40 0.00	42.57 1.32 0.00	40.11 1.91 0.00	38.18 1.71 0.00	35.55 1.46 0.00	33.45 1.22 0.00
EIGHT_POINT___WT_PWR 323820	35.71 -0.91 0.00	33.47 -0.72 0.00	32.57 -0.70 0.00	32.05 -0.62 0.00	33.59 -0.44 0.00	35.75 0.14 0.00	43.00 0.55 0.00	47.33 -0.14 0.00	46.58 -0.71 0.00	43.50 -0.48 0.00	42.73 -0.04 0.00	39.16 0.00 0.00	38.14 -0.08 0.00	38.63 -0.12 0.00	38.39 -0.46 0.00	39.14 -0.40 0.00	42.72 -0.26 0.00	46.46 -0.66 0.00	44.23 -0.72 0.00	40.55 -0.70 0.00	36.82 -1.37 0.00	34.86 -1.60 0.00	32.48 -1.60 0.00	31.06 -1.16 0.00
ELBRIDGE_115KV_TB2 80188	35.79 -0.84 0.00	33.40 -0.79 0.00	32.51 -0.77 0.00	31.92 -0.75 0.00	33.32 -0.71 0.00	35.03 -0.57 0.00	42.03 -0.42 0.00	46.90 -0.57 0.00	46.58 -0.71 0.00	43.37 -0.62 0.00	42.21 -0.56 0.00	38.69 -0.47 0.00	37.76 -0.46 0.00	38.28 -0.46 0.00	38.31 -0.54 0.00	39.02 -0.51 0.00	42.42 -0.56 0.00	46.46 -0.66 0.00	44.32 -0.63 0.00	40.67 -0.58 0.00	37.59 -0.61 0.00	35.62 -0.84 0.00	33.23 -0.85 0.00	31.48 -0.74 0.00
ELEC_TRO_TEK 24086	54.71 2.34 -15.74	46.83 2.12 -10.52	45.49 2.10 -10.12	45.51 2.03 -10.81	46.83 2.01 -10.79	58.25 2.10 -20.55	63.78 3.14 -18.19	67.43 3.66 -16.30	77.10 3.97 -25.83	65.20 3.83 -17.39	51.93 3.64 -5.52	51.11 3.33 -8.62	50.39 3.33 -8.84	50.08 3.37 -7.96	50.96 3.42 -8.68	51.89 3.40 -8.96	60.63 3.70 -13.95	72.77 4.19 -21.45	70.68 4.00 -21.73	63.28 3.79 -18.24	57.39 3.36 -15.83	52.74 2.84 -13.43	48.40 2.62 -11.70	44.64 2.29 -10.13
ELLENBURG_WT_PWR 323604	37.94 1.32 0.00	35.42 1.23 0.00	34.44 1.16 0.00	33.79 1.11 0.00	35.22 1.19 0.00	36.71 1.10 0.00	42.88 0.42 0.00	48.04 0.57 0.00	47.90 0.61 0.00	44.56 0.57 0.00	43.45 0.68 0.00	39.79 0.62 0.00	38.83 0.61 0.00	39.25 0.50 0.00	39.36 0.50 0.00	40.01 0.48 0.00	43.37 0.39 0.00	47.69 0.57 0.00	45.31 0.36 0.00	41.12 -0.12 0.00	38.31 0.11 0.00	36.53 0.07 0.00	34.05 -0.03 0.00	32.51 0.29 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.81 -2.82 0.00	31.66 -2.53 0.00	30.74 -2.53 0.00	30.16 -2.52 0.00	31.62 -2.42 0.00	33.75 -1.85 0.00	40.46 -2.00 0.00	44.00 -3.47 0.00	43.22 -4.07 0.00	40.42 -3.56 0.00	39.73 -3.04 0.00	36.62 -2.55 0.00	35.77 -2.45 0.00	36.34 -2.40 0.00	35.87 -2.99 0.00	36.65 -2.89 0.00	39.76 -3.22 0.00	42.88 -4.24 0.00	40.95 -4.00 0.00	37.78 -3.46 0.00	34.84 -3.36 0.00	32.49 -3.97 0.00	30.54 -3.54 0.00	29.48 -2.74 0.00
EMPIRE_CC_1 323656	38.05 1.43 0.00	35.52 1.33 0.00	34.57 1.30 0.00	33.95 1.27 0.00	35.33 1.29 0.00	36.99 1.39 0.00	44.11 1.65 0.00	49.32 1.85 0.00	49.13 1.84 0.00	45.57 1.58 0.00	44.14 1.37 0.00	40.38 1.22 0.00	39.41 1.19 0.00	40.02 1.28 0.00	40.25 1.40 0.00	40.96 1.42 0.00	44.44 1.46 0.00	48.82 1.69 0.00	46.62 1.66 0.00	42.81 1.57 0.00	39.50 1.30 0.00	37.77 1.31 0.00	35.41 1.33 0.00	33.41 1.19 0.00
EMPIRE_CC_2 323658	38.05 1.43 0.00	35.52 1.33 0.00	34.57 1.30 0.00	33.95 1.27 0.00	35.33 1.29 0.00	36.99 1.39 0.00	44.11 1.65 0.00	49.32 1.85 0.00	49.13 1.84 0.00	45.57 1.58 0.00	44.14 1.37 0.00	40.38 1.22 0.00	39.41 1.19 0.00	40.02 1.28 0.00	40.25 1.40 0.00	40.96 1.42 0.00	44.44 1.46 0.00	48.82 1.69 0.00	46.62 1.66 0.00	42.81 1.57 0.00	39.50 1.30 0.00	37.77 1.31 0.00	35.41 1.33 0.00	33.41 1.19 0.00
ENORWICH_115KV_TB1 80156	38.83 2.20 0.00	36.31 2.12 0.00	35.27 2.00 0.00	34.67 1.99 0.00	36.31 2.28 0.00	38.52 2.92 0.00	46.87 4.41 0.00	52.55 5.08 0.00	51.93 4.63 0.00	48.21 4.22 0.00	47.05 4.28 0.00	43.08 3.92 0.00	41.89 3.67 0.00	42.54 3.80 0.00	42.59 3.73 0.00	43.41 3.87 0.00	47.62 4.64 0.00	52.21 5.09 0.00	49.58 4.63 0.00	45.50 4.25 0.00	41.86 3.67 0.00	39.38 2.92 0.00	36.57 2.49 0.00	34.57 2.35 0.00
ERIE_ST__34_KV_TB1-2 80199	34.50 -2.12 0.00	32.31 -1.88 0.00	31.38 -1.90 0.00	30.78 -1.90 0.00	32.26 -1.77 0.00	34.43 -1.17 0.00	41.31 -1.15 0.00	44.95 -2.52 0.00	44.17 -3.12 0.00	41.30 -2.68 0.00	40.63 -2.14 0.00	37.44 -1.72 0.00	36.58 -1.64 0.00	37.12 -1.63 0.00	36.64 -2.21 0.00	37.44 -2.10 0.00	40.62 -2.36 0.00	43.97 -3.16 0.00	41.89 -3.06 0.00	38.57 -2.68 0.00	35.56 -2.64 0.00	33.14 -3.32 0.00	31.05 -3.03 0.00	30.10 -2.13 0.00
ERIE_WT_PWR 323693	34.14 -2.49 0.00	31.97 -2.22 0.00	31.01 -2.26 0.00	30.45 -2.22 0.00	31.92 -2.11 0.00	34.07 -1.53 0.00	40.88 -1.57 0.00	44.34 -3.13 0.00	43.55 -3.74 0.00	40.82 -3.17 0.00	40.25 -2.52 0.00	37.01 -2.15 0.00	36.00 -2.22 0.00	36.38 -2.36 0.00	36.02 -2.83 0.00	36.73 -2.81 0.00	40.14 -2.84 0.00	43.35 -3.77 0.00	41.35 -3.60 0.00	38.15 -3.09 0.00	34.53 -3.67 0.00	32.78 -3.68 0.00	30.81 -3.27 0.00	29.77 -2.45 0.00
ESPRGFLD_115KV_TB1 80157	37.87 1.25 0.00	35.39 1.20 0.00	34.40 1.13 0.00	33.82 1.14 0.00	35.29 1.26 0.00	37.21 1.60 0.00	45.00 2.55 0.00	50.37 2.90 0.00	50.32 3.03 0.00	46.67 2.68 0.00	45.42 2.65 0.00	41.51 2.35 0.00	40.47 2.25 0.00	41.03 2.29 0.00	41.11 2.25 0.00	41.87 2.33 0.00	45.77 2.79 0.00	50.33 3.20 0.00	48.01 3.06 0.00	44.01 2.76 0.00	40.53 2.33 0.00	38.25 1.79 0.00	35.51 1.43 0.00	33.51 1.29 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.92 0.29 0.00	34.50 0.31 0.00	33.54 0.27 0.00	32.97 0.29 0.00	34.41 0.37 0.00	36.28 0.68 0.00	43.68 1.23 0.00	48.75 1.28 0.00	48.33 1.04 0.00	44.95 0.97 0.00	43.80 1.03 0.00	40.10 0.94 0.00	39.14 0.92 0.00	39.71 0.97 0.00	39.67 0.82 0.00	40.48 0.95 0.00	44.10 1.12 0.00	48.30 1.18 0.00	46.07 1.12 0.00	42.28 1.03 0.00	39.00 0.80 0.00	36.83 0.36 0.00	34.32 0.24 0.00	32.51 0.29 0.00
ETNA____115KV_TB2 80207	36.92 0.29 0.00	34.50 0.31 0.00	33.54 0.27 0.00	32.97 0.29 0.00	34.41 0.37 0.00	36.28 0.68 0.00	43.68 1.23 0.00	48.75 1.28 0.00	48.33 1.04 0.00	44.95 0.97 0.00	43.80 1.03 0.00	40.10 0.94 0.00	39.14 0.92 0.00	39.71 0.97 0.00	39.67 0.82 0.00	40.48 0.95 0.00	44.10 1.12 0.00	48.30 1.18 0.00	46.07 1.12 0.00	42.28 1.03 0.00	39.00 0.80 0.00	36.83 0.36 0.00	34.32 0.24 0.00	32.51 0.29 0.00
EUCLID__115KV_TB2 356179	35.53 -1.10 0.00	33.16 -1.03 0.00	32.27 -1.00 0.00	31.69 -0.98 0.00	33.05 -0.99 0.00	34.75 -0.85 0.00	41.69 -0.76 0.00	46.52 -0.95 0.00	46.25 -1.04 0.00	43.02 -0.97 0.00	41.91 -0.86 0.00	38.38 -0.78 0.00	37.46 -0.76 0.00	38.01 -0.74 0.00	38.04 -0.82 0.00	38.74 -0.79 0.00	42.12 -0.86 0.00	46.09 -1.04 0.00	43.96 -0.99 0.00	40.34 -0.91 0.00	37.28 -0.92 0.00	35.37 -1.09 0.00	33.03 -1.06 0.00	31.26 -0.97 0.00
E_CANADA_CAP_HY 24051	38.17 1.54 0.00	35.66 1.47 0.00	34.67 1.40 0.00	34.08 1.40 0.00	35.60 1.57 0.00	37.45 1.85 0.00	45.38 2.93 0.00	50.70 3.23 0.00	50.70 3.41 0.00	46.89 2.90 0.00	45.55 2.78 0.00	41.63 2.47 0.00	40.55 2.33 0.00	41.15 2.40 0.00	41.23 2.37 0.00	42.07 2.53 0.00	45.99 3.01 0.00	50.61 3.49 0.00	48.41 3.46 0.00	44.30 3.05 0.00	40.64 2.45 0.00	38.47 2.00 0.00	35.72 1.64 0.00	33.70 1.48 0.00
E_CANADA_MHWK_HY 24050	37.25 0.62 0.00	34.81 0.62 0.00	33.87 0.60 0.00	33.29 0.62 0.00	34.71 0.68 0.00	36.42 0.82 0.00	43.68 1.23 0.00	48.94 1.47 0.00	48.80 1.51 0.00	45.39 1.41 0.00	44.14 1.37 0.00	40.42 1.25 0.00	39.44 1.22 0.00	39.98 1.24 0.00	40.10 1.24 0.00	40.76 1.23 0.00	44.23 1.25 0.00	48.44 1.32 0.00	46.17 1.21 0.00	42.36 1.11 0.00	39.11 0.92 0.00	37.23 0.77 0.00	34.80 0.72 0.00	32.83 0.61 0.00
E_FISHKILL__LBMP 23776	38.28 1.65 0.00	35.66 1.47 0.00	34.74 1.46 0.00	34.11 1.44 0.00	35.39 1.36 0.00	37.06 1.46 0.00	44.66 2.21 0.00	50.08 2.61 0.00	50.13 2.84 0.00	46.71 2.73 0.00	45.34 2.57 0.00	41.48 2.31 0.00	40.55 2.33 0.00	41.11 2.36 0.00	41.31 2.45 0.00	41.95 2.41 0.00	45.60 2.62 0.00	50.14 3.02 0.00	47.83 2.88 0.00	43.97 2.72 0.00	40.60 2.41 0.00	38.47 2.01 0.00	35.96 1.87 0.00	33.83 1.61 0.00
FALCON__SEABRD_CC1 323796	38.46 1.83 0.00	35.90 1.71 0.00	34.87 1.60 0.00	34.21 1.54 0.00	35.70 1.67 0.00	37.21 1.60 0.00	43.26 0.80 0.00	48.51 1.04 0.00	48.38 1.09 0.00	44.95 0.97 0.00	43.88 1.11 0.00	40.18 1.02 0.00	39.18 0.96 0.00	39.59 0.85 0.00	39.71 0.85 0.00	40.37 0.83 0.00	43.76 0.77 0.00	48.16 1.04 0.00	45.71 0.76 0.00	41.50 0.25 0.00	38.62 0.42 0.00	36.79 0.33 0.00	34.32 0.24 0.00	32.96 0.74 0.00
FALCON__SEABRD_CC2 323797	38.46 1.83 0.00	35.90 1.71 0.00	34.87 1.60 0.00	34.21 1.54 0.00	35.70 1.67 0.00	37.21 1.60 0.00	43.26 0.80 0.00	48.51 1.04 0.00	48.38 1.09 0.00	44.95 0.97 0.00	43.88 1.11 0.00	40.18 1.02 0.00	39.18 0.96 0.00	39.59 0.85 0.00	39.71 0.85 0.00	40.37 0.83 0.00	43.76 0.77 0.00	48.16 1.04 0.00	45.71 0.76 0.00	41.50 0.25 0.00	38.62 0.42 0.00	36.79 0.33 0.00	34.32 0.24 0.00	32.96 0.74 0.00

FAR ROCKAWAY___4 23548	55.11 2.75 -15.74	47.21 2.50 -10.52	45.82 2.43 -10.12	45.87 2.39 -10.81	47.20 2.38 -10.79	58.29 2.14 -20.55	63.48 2.84 -18.19	67.14 3.37 -16.30	76.81 3.69 -25.83	64.94 3.56 -17.39	52.05 3.76 -5.52	51.19 3.41 -8.62	50.50 3.44 -8.84	50.19 3.49 -7.96	51.04 3.50 -8.68	51.97 3.48 -8.96	60.41 3.48 -13.95	72.53 3.96 -21.45	70.51 3.82 -21.73	63.07 3.59 -18.24	57.16 3.13 -15.83	52.85 2.95 -13.43	48.44 2.66 -11.70	44.99 2.64 -10.13
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.61 1.98 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.63 1.60 0.00	37.24 1.64 0.00	45.13 2.67 0.00	50.70 3.23 0.00	50.88 3.59 0.00	47.55 3.56 0.00	46.11 3.34 0.00	42.18 3.02 0.00	41.32 3.10 0.00	41.88 3.14 0.00	42.04 3.19 0.00	42.66 3.12 0.00	46.38 3.40 0.00	50.94 3.82 0.00	48.59 3.64 0.00	44.71 3.46 0.00	41.25 3.06 0.00	39.01 2.55 0.00	36.43 2.35 0.00	34.19 1.97 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.61 1.98 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.63 1.60 0.00	37.24 1.64 0.00	45.08 2.63 0.00	50.65 3.18 0.00	50.88 3.59 0.00	47.50 3.52 0.00	46.06 3.29 0.00	42.18 3.02 0.00	41.28 3.06 0.00	41.84 3.10 0.00	42.00 3.15 0.00	42.66 3.12 0.00	46.38 3.40 0.00	50.94 3.82 0.00	48.55 3.60 0.00	44.71 3.46 0.00	41.25 3.06 0.00	39.01 2.55 0.00	36.43 2.35 0.00	34.19 1.97 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.57 1.94 0.00	35.86 1.68 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.08 2.63 0.00	50.65 3.18 0.00	50.84 3.55 0.00	47.46 3.47 0.00	46.02 3.25 0.00	42.14 2.98 0.00	41.24 3.02 0.00	41.80 3.06 0.00	41.97 3.11 0.00	42.62 3.08 0.00	46.33 3.35 0.00	50.89 3.77 0.00	48.50 3.55 0.00	44.67 3.42 0.00	41.22 3.02 0.00	38.98 2.52 0.00	36.37 2.28 0.00	34.16 1.93 0.00
FARRAGUT___LBMP 323566	38.53 1.90 0.00	35.83 1.64 0.00	34.90 1.63 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.42 3.43 0.00	45.98 3.21 0.00	42.10 2.94 0.00	41.20 2.98 0.00	41.77 3.02 0.00	41.93 3.07 0.00	42.58 3.04 0.00	46.29 3.31 0.00	50.85 3.72 0.00	48.46 3.51 0.00	44.63 3.38 0.00	41.18 2.98 0.00	38.94 2.48 0.00	36.37 2.28 0.00	34.12 1.90 0.00
FENNER___WINDPWR 24204	37.03 0.40 0.00	34.60 0.41 0.00	33.64 0.37 0.00	33.03 0.36 0.00	34.47 0.44 0.00	36.32 0.71 0.00	43.68 1.23 0.00	48.89 1.42 0.00	48.61 1.32 0.00	45.26 1.28 0.00	44.05 1.28 0.00	40.34 1.17 0.00	39.29 1.07 0.00	39.83 1.08 0.00	39.91 1.05 0.00	40.64 1.11 0.00	44.18 1.20 0.00	48.35 1.22 0.00	46.03 1.08 0.00	42.24 0.99 0.00	38.89 0.69 0.00	36.97 0.51 0.00	34.46 0.38 0.00	32.58 0.36 0.00
FIBERTEK___ENERGY 23856	35.97 -0.66 0.00	33.57 -0.62 0.00	32.67 -0.60 0.00	32.09 -0.59 0.00	33.45 -0.58 0.00	35.21 -0.39 0.00	42.24 -0.21 0.00	47.14 -0.33 0.00	46.86 -0.43 0.00	43.59 -0.40 0.00	42.43 -0.34 0.00	38.89 -0.27 0.00	37.95 -0.27 0.00	38.47 -0.27 0.00	38.51 -0.35 0.00	39.22 -0.32 0.00	42.64 -0.34 0.00	46.70 -0.42 0.00	44.55 -0.40 0.00	40.88 -0.37 0.00	37.78 -0.42 0.00	35.81 -0.66 0.00	33.43 -0.65 0.00	31.64 -0.58 0.00
FITZPATRICK___ 23598	35.05 -1.57 0.00	32.75 -1.43 0.00	31.84 -1.43 0.00	31.30 -1.37 0.00	32.64 -1.40 0.00	34.25 -1.35 0.00	41.01 -1.44 0.00	45.76 -1.71 0.00	45.54 -1.75 0.00	42.36 -1.63 0.00	41.23 -1.54 0.00	37.79 -1.37 0.00	36.85 -1.37 0.00	37.35 -1.39 0.00	37.42 -1.44 0.00	38.07 -1.46 0.00	41.44 -1.55 0.00	45.38 -1.74 0.00	43.29 -1.66 0.00	39.72 -1.53 0.00	36.63 -1.57 0.00	34.89 -1.57 0.00	32.62 -1.46 0.00	30.87 -1.35 0.00
FLOWRFLD_69_KV_BK1 356044	55.52 3.15 -15.74	47.48 2.77 -10.52	46.15 2.76 -10.12	46.19 2.71 -10.81	47.51 2.69 -10.79	59.11 2.96 -20.55	64.93 4.29 -18.19	68.76 4.98 -16.31	78.38 5.25 -25.84	66.35 4.97 -17.40	53.00 4.70 -5.52	52.05 4.27 -8.62	51.30 4.24 -8.84	51.01 4.30 -7.96	51.89 4.35 -8.68	52.88 4.39 -8.96	61.83 4.90 -13.95	73.95 5.37 -21.45	71.85 5.17 -21.73	64.43 4.95 -18.24	58.42 4.39 -15.83	53.69 3.79 -13.43	49.22 3.44 -11.70	45.31 2.96 -10.13
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.64 2.01 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.44 1.76 0.00	35.70 1.67 0.00	37.38 1.78 0.00	45.13 2.67 0.00	50.51 3.04 0.00	50.65 3.36 0.00	47.15 3.17 0.00	45.76 2.99 0.00	41.83 2.66 0.00	40.86 2.64 0.00	41.42 2.67 0.00	41.62 2.76 0.00	42.30 2.77 0.00	46.03 3.05 0.00	50.56 3.44 0.00	48.32 3.37 0.00	44.38 3.13 0.00	40.95 2.75 0.00	38.80 2.33 0.00	36.23 2.15 0.00	34.09 1.87 0.00
FORT ORANGE___ 23900	37.91 1.28 0.00	35.42 1.23 0.00	34.47 1.20 0.00	33.85 1.17 0.00	35.22 1.19 0.00	36.88 1.28 0.00	44.11 1.65 0.00	49.27 1.80 0.00	48.71 1.42 0.00	45.00 1.01 0.00	43.67 0.90 0.00	40.14 0.98 0.00	39.14 0.92 0.00	39.75 1.01 0.00	39.94 1.09 0.00	40.60 1.07 0.00	44.01 1.03 0.00	48.35 1.22 0.00	46.21 1.26 0.00	42.44 1.20 0.00	39.23 1.03 0.00	37.48 1.02 0.00	35.38 1.29 0.00	33.64 1.42 0.00
FORT_DRUM_COGEN 23780	35.53 -1.10 0.00	33.20 -0.99 0.00	32.21 -1.06 0.00	31.60 -1.08 0.00	33.01 -1.02 0.00	34.75 -0.85 0.00	41.90 -0.55 0.00	47.14 -0.33 0.00	46.91 -0.38 0.00	43.85 -0.13 0.00	42.64 -0.13 0.00	38.97 -0.20 0.00	37.95 -0.27 0.00	38.47 -0.27 0.00	38.62 -0.23 0.00	39.38 -0.16 0.00	43.02 0.04 0.00	47.03 -0.09 0.00	44.55 -0.40 0.00	40.75 -0.49 0.00	37.59 -0.61 0.00	35.66 -0.80 0.00	33.13 -0.95 0.00	31.29 -0.93 0.00
FOX_HILLS___ESR 323835	38.72 2.09 0.00	35.93 1.74 0.00	35.00 1.73 0.00	34.31 1.63 0.00	35.63 1.60 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.79 3.32 0.00	51.08 3.74 -0.06	47.87 3.65 -0.24	46.24 3.46 -0.01	42.26 3.09 0.00	41.40 3.17 -0.01	41.97 3.22 -0.01	42.17 3.30 -0.01	42.89 3.24 -0.11	46.57 3.57 -0.02	67.00 4.01 -15.87	101.29 3.82 -52.52	45.03 3.67 -0.11	41.56 3.25 -0.11	39.22 2.70 -0.06	36.59 2.45 -0.06	34.38 2.16 0.00
FPL_FAR_ROCK_GT1 24212	55.11 2.75 -15.74	47.20 2.49 -10.52	45.85 2.46 -10.12	45.86 2.38 -10.81	47.20 2.38 -10.79	58.29 2.14 -20.55	63.48 2.84 -18.19	67.19 3.42 -16.30	76.86 3.74 -25.83	64.94 3.56 -17.39	52.01 3.72 -5.52	51.19 3.41 -8.62	50.43 3.36 -8.84	50.23 3.53 -7.96	51.07 3.54 -8.68	52.05 3.56 -8.96	60.41 3.48 -13.95	72.54 3.96 -21.45	70.50 3.82 -21.73	63.07 3.59 -18.24	57.01 2.98 -15.83	52.85 2.95 -13.43	48.44 2.66 -11.70	44.99 2.64 -10.13
FPL_FAR_ROCK_GT2 23815	55.11 2.75 -15.74	47.20 2.49 -10.52	45.85 2.46 -10.12	45.86 2.38 -10.81	47.20 2.38 -10.79	58.29 2.14 -20.55	63.48 2.84 -18.19	67.19 3.42 -16.30	76.86 3.74 -25.83	64.94 3.56 -17.39	52.01 3.72 -5.52	51.19 3.41 -8.62	50.43 3.36 -8.84	50.23 3.53 -7.96	51.07 3.54 -8.68	52.05 3.56 -8.96	60.41 3.48 -13.95	72.54 3.96 -21.45	70.50 3.82 -21.73	63.07 3.59 -18.24	57.01 2.98 -15.83	52.85 2.95 -13.43	48.44 2.66 -11.70	44.99 2.64 -10.13



FRANKLIN_FALL_HYD 24054	38.06 1.43 0.00	35.52 1.33 0.00	34.54 1.26 0.00	33.85 1.18 0.00	35.33 1.29 0.00	36.74 1.14 0.00	43.05 0.59 0.00	48.32 0.85 0.00	48.14 0.85 0.00	44.78 0.79 0.00	43.71 0.94 0.00	40.03 0.86 0.00	38.95 0.73 0.00	39.44 0.70 0.00	39.56 0.70 0.00	40.25 0.71 0.00	43.67 0.69 0.00	48.02 0.90 0.00	45.54 0.58 0.00	41.41 0.16 0.00	38.35 0.15 0.00	36.79 0.33 0.00	34.32 0.24 0.00	32.74 0.52 0.00
FREEPORT_EQUS_GT1 23764	54.93 2.56 -15.74	47.04 2.33 -10.52	45.68 2.29 -10.12	45.73 2.25 -10.81	47.03 2.21 -10.79	58.50 2.35 -20.55	64.12 3.48 -18.19	67.86 4.08 -16.31	77.47 4.35 -25.84	65.51 4.13 -17.39	52.18 3.89 -5.52	51.38 3.60 -8.62	50.58 3.51 -8.84	50.39 3.68 -7.96	51.27 3.73 -8.68	52.29 3.80 -8.96	61.02 4.09 -13.95	73.00 4.43 -21.45	70.96 4.27 -21.73	63.53 4.04 -18.24	57.54 3.51 -15.83	53.07 3.17 -13.43	48.64 2.86 -11.70	44.86 2.51 -10.13
FREEPORT___CT2 23818	54.93 2.56 -15.74	47.04 2.33 -10.52	45.68 2.29 -10.12	45.73 2.25 -10.81	47.03 2.21 -10.79	58.50 2.35 -20.55	64.12 3.48 -18.19	67.86 4.08 -16.31	77.47 4.35 -25.84	65.51 4.13 -17.39	52.18 3.89 -5.52	51.38 3.60 -8.62	50.58 3.51 -8.84	50.39 3.68 -7.96	51.27 3.73 -8.68	52.29 3.80 -8.96	61.02 4.09 -13.95	73.00 4.43 -21.45	70.96 4.27 -21.73	63.53 4.04 -18.24	57.54 3.51 -15.83	53.07 3.17 -13.43	48.64 2.86 -11.70	44.86 2.51 -10.13
FRESHKLS_33_KV_LOAD 356253	38.72 2.09 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.28 1.60 0.00	35.60 1.57 0.00	37.17 1.57 0.00	44.91 2.46 0.00	50.70 3.23 0.00	50.99 3.64 -0.06	47.74 3.52 -0.24	46.16 3.38 -0.01	42.18 3.02 0.00	41.32 3.10 -0.01	41.89 3.14 -0.01	42.05 3.19 -0.01	42.81 3.16 -0.11	46.48 3.48 -0.02	66.95 3.96 -15.87	101.25 3.78 -52.52	44.95 3.59 -0.11	41.48 3.17 -0.11	39.14 2.63 -0.06	36.56 2.42 -0.06	34.38 2.16 0.00
FULTON COGEN____ 23766	35.42 -1.21 0.00	33.06 -1.13 0.00	32.14 -1.13 0.00	31.60 -1.08 0.00	32.98 -1.06 0.00	34.64 -0.96 0.00	41.56 -0.89 0.00	46.38 -1.09 0.00	46.11 -1.18 0.00	42.93 -1.06 0.00	41.79 -0.98 0.00	38.26 -0.90 0.00	37.34 -0.88 0.00	37.89 -0.85 0.00	37.92 -0.93 0.00	38.63 -0.91 0.00	41.99 -0.99 0.00	45.99 -1.13 0.00	43.87 -1.08 0.00	40.26 -0.99 0.00	37.20 -0.99 0.00	35.33 -1.13 0.00	32.96 -1.12 0.00	31.19 -1.03 0.00
FULTON___LFGE 323630	40.07 3.44 0.00	37.47 3.28 0.00	36.40 3.13 0.00	35.81 3.14 0.00	37.51 3.47 0.00	39.52 3.92 0.00	47.97 5.52 0.00	53.36 5.89 0.00	53.44 6.15 0.00	49.08 5.10 0.00	47.69 4.92 0.00	43.51 4.35 0.00	42.42 4.20 0.00	43.01 4.26 0.00	43.06 4.20 0.00	44.04 4.51 0.00	48.31 5.33 0.00	53.21 6.08 0.00	51.06 5.32 0.00	46.57 4.47 0.00	42.66 3.76 0.00	40.22 3.76 0.00	37.32 3.24 0.00	35.22 3.00 0.00
G.F.CEMENT___DRP 24184	38.13 1.50 0.00	35.59 1.40 0.00	34.70 1.43 0.00	34.15 1.47 0.00	35.56 1.53 0.00	37.31 1.71 0.00	45.04 2.59 0.00	50.32 2.85 0.00	50.46 3.17 0.00	46.58 2.60 0.00	45.25 2.48 0.00	41.04 1.88 0.00	39.98 1.76 0.00	40.33 1.59 0.00	40.49 1.63 0.00	41.19 1.66 0.00	44.96 1.98 0.00	49.43 2.31 0.00	47.42 2.47 0.00	43.39 2.14 0.00	40.03 1.83 0.00	37.81 1.35 0.00	35.24 1.16 0.00	33.25 1.03 0.00
GARDENVILLE___LBMP 24039	33.99 -2.64 0.00	31.83 -2.36 0.00	30.91 -2.36 0.00	30.32 -2.35 0.00	31.79 -2.25 0.00	33.93 -1.67 0.00	40.67 -1.78 0.00	44.29 -3.18 0.00	43.51 -3.78 0.00	40.64 -3.34 0.00	39.99 -2.78 0.00	36.85 -2.31 0.00	35.96 -2.25 0.00	36.54 -2.21 0.00	36.06 -2.80 0.00	36.89 -2.65 0.00	40.02 -2.97 0.00	43.17 -3.96 0.00	41.22 -3.73 0.00	37.99 -3.26 0.00	35.03 -3.17 0.00	32.67 -3.79 0.00	30.67 -3.41 0.00	29.61 -2.61 0.00
GARDNVLA_35_KV_LD 355827	34.17 -2.45 0.00	32.00 -2.19 0.00	31.04 -2.23 0.00	30.49 -2.19 0.00	31.96 -2.08 0.00	34.11 -1.50 0.00	40.92 -1.53 0.00	44.53 -2.94 0.00	43.74 -3.55 0.00	40.91 -3.08 0.00	40.20 -2.57 0.00	37.05 -2.11 0.00	36.19 -2.03 0.00	36.77 -1.98 0.00	36.25 -2.60 0.00	37.08 -2.45 0.00	40.23 -2.75 0.00	43.45 -3.68 0.00	41.44 -3.51 0.00	38.20 -3.05 0.00	35.26 -2.94 0.00	32.85 -3.61 0.00	30.81 -3.27 0.00	29.77 -2.45 0.00
GELCKHM___115KV_LOAD 80723	35.68 -0.95 0.00	33.33 -0.85 0.00	32.41 -0.87 0.00	31.83 -0.85 0.00	33.22 -0.82 0.00	34.93 -0.68 0.00	41.90 -0.55 0.00	46.76 -0.71 0.00	46.49 -0.80 0.00	43.24 -0.75 0.00	42.09 -0.68 0.00	38.58 -0.59 0.00	37.65 -0.57 0.00	38.16 -0.58 0.00	38.20 -0.66 0.00	38.94 -0.59 0.00	42.29 -0.69 0.00	46.32 -0.80 0.00	44.19 -0.76 0.00	40.55 -0.70 0.00	37.47 -0.73 0.00	35.55 -0.91 0.00	33.16 -0.92 0.00	31.38 -0.84 0.00
GENERAL___MILLS 23808	34.10 -2.53 0.00	31.93 -2.26 0.00	31.01 -2.26 0.00	30.42 -2.25 0.00	31.89 -2.14 0.00	34.04 -1.57 0.00	40.84 -1.61 0.00	44.43 -3.04 0.00	43.65 -3.64 0.00	40.77 -3.21 0.00	40.12 -2.65 0.00	36.97 -2.19 0.00	36.12 -2.10 0.00	36.69 -2.05 0.00	36.18 -2.68 0.00	37.00 -2.53 0.00	40.14 -2.84 0.00	43.35 -3.77 0.00	41.35 -3.60 0.00	38.11 -3.13 0.00	35.14 -3.06 0.00	32.78 -3.68 0.00	30.78 -3.31 0.00	29.71 -2.51 0.00
GE_PLASTICS___DRP 24183	37.84 1.21 0.00	35.35 1.16 0.00	34.40 1.13 0.00	33.79 1.11 0.00	35.16 1.12 0.00	36.78 1.17 0.00	44.06 1.61 0.00	49.27 1.80 0.00	48.85 1.56 0.00	45.26 1.28 0.00	43.92 1.15 0.00	40.30 1.14 0.00	39.33 1.11 0.00	39.87 1.12 0.00	40.06 1.20 0.00	40.76 1.23 0.00	44.23 1.25 0.00	48.59 1.46 0.00	46.39 1.44 0.00	42.61 1.36 0.00	39.46 1.26 0.00	37.56 1.09 0.00	35.31 1.23 0.00	33.38 1.16 0.00
GILBOA___1 23756	37.58 0.95 0.00	35.04 0.86 0.00	34.14 0.86 0.00	33.52 0.85 0.00	34.88 0.85 0.00	36.53 0.92 0.00	43.85 1.40 0.00	49.09 1.61 0.00	48.94 1.65 0.00	45.52 1.54 0.00	44.18 1.41 0.00	40.46 1.29 0.00	39.48 1.26 0.00	40.06 1.32 0.00	40.22 1.36 0.00	40.92 1.38 0.00	44.44 1.46 0.00	48.77 1.65 0.00	46.57 1.62 0.00	42.77 1.53 0.00	39.42 1.22 0.00	37.55 1.09 0.00	35.10 1.02 0.00	33.16 0.94 0.00
GILBOA___2 23757	37.58 0.95 0.00	35.04 0.86 0.00	34.14 0.86 0.00	33.52 0.85 0.00	34.88 0.85 0.00	36.53 0.92 0.00	43.85 1.40 0.00	49.09 1.61 0.00	48.94 1.65 0.00	45.52 1.54 0.00	44.18 1.41 0.00	40.46 1.29 0.00	39.48 1.26 0.00	40.06 1.32 0.00	40.22 1.36 0.00	40.92 1.38 0.00	44.44 1.46 0.00	48.77 1.65 0.00	46.57 1.62 0.00	42.77 1.53 0.00	39.42 1.22 0.00	37.55 1.09 0.00	35.10 1.02 0.00	33.16 0.94 0.00
GILBOA___3 23758	37.58 0.95 0.00	35.04 0.86 0.00	34.14 0.86 0.00	33.52 0.85 0.00	34.88 0.85 0.00	36.53 0.92 0.00	43.85 1.40 0.00	49.09 1.61 0.00	48.94 1.65 0.00	45.52 1.54 0.00	44.18 1.41 0.00	40.46 1.29 0.00	39.48 1.26 0.00	40.06 1.32 0.00	40.22 1.36 0.00	40.92 1.38 0.00	44.44 1.46 0.00	48.77 1.65 0.00	46.57 1.62 0.00	42.77 1.53 0.00	39.42 1.22 0.00	37.55 1.09 0.00	35.10 1.02 0.00	33.16 0.94 0.00

GILBOA___4 23759	37.58 0.95 0.00	35.04 0.86 0.00	34.14 0.86 0.00	33.52 0.85 0.00	34.88 0.85 0.00	36.53 0.92 0.00	43.85 1.40 0.00	49.09 1.61 0.00	48.94 1.65 0.00	45.52 1.54 0.00	44.18 1.41 0.00	40.46 1.29 0.00	39.48 1.26 0.00	40.06 1.32 0.00	40.22 1.36 0.00	40.92 1.38 0.00	44.44 1.46 0.00	48.77 1.65 0.00	46.57 1.62 0.00	42.77 1.53 0.00	39.42 1.22 0.00	37.55 1.09 0.00	35.10 1.02 0.00	33.16 0.94 0.00
GILBOA____ 23599	37.58 0.95 0.00	35.04 0.85 0.00	34.14 0.87 0.00	33.52 0.85 0.00	34.88 0.85 0.00	36.53 0.93 0.00	43.85 1.40 0.00	49.08 1.61 0.00	48.95 1.66 0.00	45.52 1.54 0.00	44.18 1.41 0.00	40.46 1.29 0.00	39.52 1.30 0.00	40.06 1.32 0.00	40.22 1.36 0.00	40.88 1.34 0.00	44.44 1.46 0.00	48.77 1.65 0.00	46.57 1.62 0.00	42.77 1.53 0.00	39.53 1.34 0.00	37.56 1.09 0.00	35.10 1.02 0.00	33.16 0.93 0.00
GINNA____ 23603	33.33 -3.30 0.00	31.15 -3.04 0.00	30.24 -3.03 0.00	29.73 -2.94 0.00	31.11 -2.93 0.00	32.90 -2.71 0.00	39.56 -2.89 0.00	43.72 -3.75 0.00	43.37 -3.92 0.00	40.46 -3.52 0.00	39.43 -3.34 0.00	36.23 -2.94 0.00	35.24 -2.98 0.00	35.64 -3.10 0.00	35.55 -3.30 0.00	36.25 -3.28 0.00	39.63 -3.35 0.00	43.02 -4.10 0.00	41.08 -3.87 0.00	37.78 -3.46 0.00	34.53 -3.67 0.00	32.82 -3.65 0.00	30.71 -3.37 0.00	29.16 -3.06 0.00
GLEN PARK____ 23778	35.53 -1.10 0.00	33.20 -0.99 0.00	32.21 -1.07 0.00	31.60 -1.08 0.00	33.01 -1.02 0.00	34.79 -0.82 0.00	41.99 -0.47 0.00	47.28 -0.19 0.00	47.06 -0.24 0.00	43.94 -0.04 0.00	42.77 0.00 0.00	39.01 -0.16 0.00	38.03 -0.19 0.00	38.51 -0.23 0.00	38.66 -0.19 0.00	39.46 -0.08 0.00	43.20 0.22 0.00	47.17 0.05 0.00	44.68 -0.27 0.00	40.92 -0.33 0.00	37.70 -0.50 0.00	35.77 -0.69 0.00	33.20 -0.89 0.00	31.32 -0.90 0.00
GLENDALE_27_KV_LOAD 356172	38.75 2.12 0.00	36.04 1.85 0.00	35.07 1.80 0.00	34.41 1.73 0.00	35.73 1.70 0.00	37.35 1.74 0.00	45.25 2.80 0.00	50.94 3.47 0.00	51.22 3.93 0.00	47.88 3.87 -0.03	46.46 3.68 -0.01	42.49 3.33 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	42.98 3.44 -0.01	46.72 3.74 0.00	51.96 4.24 -0.59	48.96 4.00 -0.01	45.09 3.84 -0.01	41.57 3.36 -0.01	39.27 2.81 0.00	36.67 2.59 0.00	34.38 2.16 0.00
GLENWOOD_IC_1_G5 23712	54.89 2.53 -15.74	46.97 2.26 -10.52	45.65 2.26 -10.12	45.67 2.19 -10.81	47.00 2.18 -10.79	58.47 2.31 -20.55	63.70 3.06 -18.19	67.38 3.61 -16.31	77.05 3.93 -25.83	65.16 3.78 -17.39	51.88 3.59 -5.52	51.07 3.29 -8.62	50.35 3.29 -8.84	50.04 3.33 -7.96	50.92 3.38 -8.68	51.85 3.36 -8.96	60.58 3.65 -13.95	72.72 4.15 -21.45	70.64 3.96 -21.73	63.24 3.75 -18.24	57.31 3.28 -15.83	52.70 2.81 -13.43	48.47 2.69 -11.70	44.83 2.48 -10.13
GLENWOOD_IC_2_G1 23688	54.82 2.45 -15.74	46.90 2.19 -10.52	45.55 2.16 -10.12	45.60 2.12 -10.81	46.90 2.08 -10.79	58.36 2.21 -20.55	63.78 3.14 -18.19	67.52 3.75 -16.30	77.19 4.07 -25.83	65.25 3.87 -17.39	51.92 3.63 -5.52	51.15 3.37 -8.62	50.38 3.32 -8.84	50.19 3.49 -7.96	51.04 3.50 -8.68	52.01 3.52 -8.96	60.67 3.74 -13.95	72.82 4.24 -21.45	70.73 4.05 -21.73	63.32 3.84 -18.24	57.23 3.21 -15.83	52.78 2.88 -13.43	48.44 2.66 -11.70	44.73 2.38 -10.13
GLENWOOD_IC_3_G1 23689	54.82 2.45 -15.74	46.90 2.19 -10.52	45.55 2.16 -10.12	45.60 2.12 -10.81	46.90 2.08 -10.79	58.36 2.21 -20.55	63.78 3.14 -18.19	67.52 3.75 -16.30	77.19 4.07 -25.83	65.25 3.87 -17.39	51.92 3.63 -5.52	51.15 3.37 -8.62	50.38 3.32 -8.84	50.19 3.49 -7.96	51.04 3.50 -8.68	52.01 3.52 -8.96	60.67 3.74 -13.95	72.82 4.24 -21.45	70.73 4.05 -21.73	63.32 3.84 -18.24	57.23 3.21 -15.83	52.78 2.88 -13.43	48.44 2.66 -11.70	44.73 2.38 -10.13
GLENWOOD___4 23550	54.89 2.53 -15.74	46.97 2.26 -10.52	45.65 2.26 -10.12	45.67 2.19 -10.81	47.00 2.18 -10.79	58.47 2.31 -20.55	63.78 3.14 -18.19	67.48 3.70 -16.31	77.15 4.02 -25.83	65.25 3.87 -17.39	52.01 3.72 -5.52	51.19 3.41 -8.62	50.46 3.40 -8.84	50.15 3.45 -7.96	51.04 3.50 -8.68	51.97 3.48 -8.96	60.71 3.78 -13.95	72.82 4.24 -21.45	70.77 4.09 -21.73	63.32 3.84 -18.24	57.42 3.40 -15.83	52.78 2.88 -13.43	48.50 2.73 -11.70	44.83 2.48 -10.13
GLENWOOD___5 23614	54.89 2.53 -15.74	46.97 2.26 -10.52	45.65 2.26 -10.12	45.67 2.19 -10.81	47.00 2.18 -10.79	58.47 2.31 -20.55	63.78 3.14 -18.19	67.48 3.70 -16.31	77.15 4.02 -25.83	65.25 3.87 -17.39	52.01 3.72 -5.52	51.19 3.41 -8.62	50.46 3.40 -8.84	50.15 3.45 -7.96	51.04 3.50 -8.68	51.97 3.48 -8.96	60.71 3.78 -13.95	72.82 4.24 -21.45	70.77 4.09 -21.73	63.32 3.84 -18.24	57.42 3.40 -15.83	52.78 2.88 -13.43	48.50 2.73 -11.70	44.83 2.48 -10.13
GLOBAL GREEN_PORT_GT1 23814	56.72 4.36 -15.74	48.61 3.90 -10.52	47.28 3.89 -10.12	47.27 3.79 -10.81	48.67 3.84 -10.79	60.39 4.23 -20.55	66.63 5.99 -18.19	70.90 7.12 -16.31	80.50 7.37 -25.84	68.20 6.82 -17.40	54.79 6.50 -5.52	53.70 5.91 -8.62	52.76 5.70 -8.84	52.51 5.81 -7.96	53.41 5.87 -8.68	54.54 6.05 -8.96	63.72 6.79 -13.95	76.21 7.63 -21.45	74.06 7.37 -21.73	66.37 6.89 -18.24	59.90 5.88 -15.83	55.22 5.32 -13.43	50.48 4.70 -11.70	46.47 4.13 -10.13
GLOBE___DSASP 323697	32.53 -4.10 0.00	30.46 -3.73 0.00	29.58 -3.69 0.00	29.02 -3.66 0.00	30.39 -3.64 0.00	32.44 -3.17 0.00	38.80 -3.65 0.00	42.06 -5.41 0.00	41.28 -6.01 0.00	38.62 -5.37 0.00	37.94 -4.83 0.00	35.01 -4.15 0.00	34.21 -4.01 0.00	34.79 -3.95 0.00	34.31 -4.55 0.00	35.11 -4.43 0.00	38.04 -4.94 0.00	40.86 -6.27 0.00	39.11 -5.84 0.00	36.17 -5.07 0.00	33.42 -4.77 0.00	31.17 -5.29 0.00	29.41 -4.67 0.00	28.36 -3.87 0.00
GOETHSLN___LBMP 323567	38.35 1.72 0.00	35.66 1.47 0.00	34.77 1.50 0.00	34.11 1.44 0.00	35.39 1.36 0.00	37.03 1.42 0.00	44.83 2.38 0.00	50.32 2.85 0.00	50.55 3.26 0.00	47.24 3.25 0.00	45.81 3.04 0.00	41.91 2.74 0.00	41.05 2.83 0.00	41.61 2.87 0.00	41.77 2.91 0.00	42.38 2.85 0.00	46.08 3.09 0.00	50.61 3.49 0.00	48.23 3.28 0.00	44.46 3.22 0.00	40.99 2.79 0.00	38.80 2.33 0.00	36.23 2.15 0.00	33.96 1.74 0.00
GOLAH___69_KV_TB 1_2 80279	34.69 -1.94 0.00	32.41 -1.78 0.00	31.57 -1.70 0.00	31.01 -1.67 0.00	32.47 -1.57 0.00	34.50 -1.10 0.00	41.35 -1.10 0.00	45.43 -2.04 0.00	44.88 -2.41 0.00	41.87 -2.11 0.00	40.89 -1.88 0.00	37.60 -1.57 0.00	36.73 -1.49 0.00	37.23 -1.51 0.00	36.95 -1.90 0.00	37.79 -1.74 0.00	41.13 -1.85 0.00	44.49 -2.64 0.00	42.61 -2.34 0.00	39.27 -1.98 0.00	36.25 -1.95 0.00	33.98 -2.48 0.00	31.83 -2.25 0.00	30.45 -1.77 0.00
GOODYEAR_LAKE_HYD 323669	37.76 1.14 0.00	35.25 1.06 0.00	34.30 1.03 0.00	33.69 1.01 0.00	35.12 1.09 0.00	36.96 1.35 0.00	44.62 2.17 0.00	49.94 2.47 0.00	49.80 2.51 0.00	46.32 2.33 0.00	45.08 2.31 0.00	41.24 2.08 0.00	40.25 2.03 0.00	40.76 2.01 0.00	40.88 2.02 0.00	41.59 2.06 0.00	45.39 2.41 0.00	49.81 2.69 0.00	47.47 2.52 0.00	43.60 2.35 0.00	40.22 2.02 0.00	38.03 1.57 0.00	35.38 1.30 0.00	33.41 1.19 0.00

GOUDEY___1 345031	36.44 -0.18 0.00	34.02 -0.17 0.00	33.11 -0.17 0.00	32.51 -0.16 0.00	33.93 -0.10 0.00	35.75 0.14 0.00	42.96 0.51 0.00	47.80 0.33 0.00	47.43 0.14 0.00	44.16 0.18 0.00	43.07 0.34 0.00	39.48 0.31 0.00	38.53 0.31 0.00	39.09 0.35 0.00	39.05 0.19 0.00	39.81 0.28 0.00	43.24 0.26 0.00	47.31 0.19 0.00	45.13 0.18 0.00	41.45 0.21 0.00	38.27 0.08 0.00	36.13 -0.33 0.00	33.74 -0.34 0.00	32.09 -0.13 0.00
GOUDEY___7 23579	36.48 -0.15 0.00	34.05 -0.14 0.00	33.14 -0.13 0.00	32.54 -0.13 0.00	33.96 -0.07 0.00	35.78 0.18 0.00	43.00 0.55 0.00	47.90 0.43 0.00	47.48 0.19 0.00	44.20 0.22 0.00	43.11 0.34 0.00	39.52 0.35 0.00	38.56 0.34 0.00	39.13 0.39 0.00	39.09 0.23 0.00	39.85 0.32 0.00	43.28 0.30 0.00	47.36 0.24 0.00	45.22 0.27 0.00	41.50 0.25 0.00	38.31 0.11 0.00	36.17 -0.29 0.00	33.78 -0.31 0.00	32.09 -0.13 0.00
GOUDEY___8 23580	36.44 -0.18 0.00	34.02 -0.17 0.00	33.11 -0.17 0.00	32.51 -0.16 0.00	33.93 -0.10 0.00	35.75 0.14 0.00	42.96 0.51 0.00	47.80 0.33 0.00	47.43 0.14 0.00	44.16 0.18 0.00	43.07 0.30 0.00	39.48 0.31 0.00	38.53 0.31 0.00	39.09 0.35 0.00	39.05 0.19 0.00	39.81 0.28 0.00	43.24 0.26 0.00	47.31 0.19 0.00	45.13 0.18 0.00	41.45 0.21 0.00	38.27 0.08 0.00	36.13 -0.33 0.00	33.74 -0.34 0.00	32.09 -0.13 0.00
GOWANUS_GT1_1 24077	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GOWANUS_GT1_2 24078	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GOWANUS_GT1_3 24079	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.01	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GOWANUS_GT1_4 24080	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GOWANUS_GT1_5 24084	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GOWANUS_GT1_6 24111	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GOWANUS_GT1_7 24112	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GOWANUS_GT1_8 24113	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GOWANUS_GT2_1 24114	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
GOWANUS_GT2_2 24115	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
GOWANUS_GT2_3 24116	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
GOWANUS_GT2_4 24117	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00

GOWANUS_GT2_5 24118	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
GOWANUS_GT2_6 24119	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
GOWANUS_GT2_7 24120	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
GOWANUS_GT2_8 24121	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
GOWANUS_GT3_1 24122	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
GOWANUS_GT3_2 24123	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
GOWANUS_GT3_3 24124	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
GOWANUS_GT3_4 24125	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
GOWANUS_GT3_5 24126	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
GOWANUS_GT3_6 24127	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
GOWANUS_GT3_7 24128	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
GOWANUS_GT3_8 24129	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
GOWANUS_GT4_1 24130	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GOWANUS_GT4_2 24131	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GOWANUS_GT4_3 24132	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00

GOWANUS_GT4_4 24133	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GOWANUS_GT4_5 24134	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GOWANUS_GT4_6 24135	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GOWANUS_GT4_7 24136	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GOWANUS_GT4_8 24137	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GREENBSH_115KV_TB3 55895	37.95 1.32 0.00	35.45 1.26 0.00	34.50 1.23 0.00	33.88 1.21 0.00	35.26 1.23 0.00	36.89 1.28 0.00	44.15 1.70 0.00	49.37 1.90 0.00	48.76 1.47 0.00	45.08 1.10 0.00	43.75 0.98 0.00	40.22 1.06 0.00	39.25 1.03 0.00	39.79 1.05 0.00	39.98 1.13 0.00	40.64 1.11 0.00	44.10 1.12 0.00	48.44 1.32 0.00	46.25 1.30 0.00	42.49 1.24 0.00	39.38 1.18 0.00	37.52 1.06 0.00	35.41 1.33 0.00	33.48 1.26 0.00
GREENDGE_115KV_TB5 80291	36.04 -0.59 0.00	33.81 -0.38 0.00	32.84 -0.43 0.00	32.32 -0.36 0.00	33.83 -0.20 0.00	35.75 0.14 0.00	42.92 0.47 0.00	47.61 0.14 0.00	47.01 -0.28 0.00	43.76 -0.22 0.00	42.73 -0.04 0.00	39.16 0.00 0.00	38.22 0.00 0.00	38.78 0.04 0.00	38.62 -0.23 0.00	39.42 -0.12 0.00	42.90 -0.09 0.00	46.84 -0.28 0.00	44.73 -0.22 0.00	41.04 -0.21 0.00	37.78 -0.42 0.00	35.70 -0.77 0.00	33.26 -0.82 0.00	31.71 -0.52 0.00
GREENIDGE___3 23582	36.04 -0.59 0.00	33.81 -0.38 0.00	32.84 -0.43 0.00	32.32 -0.36 0.00	33.83 -0.20 0.00	35.75 0.14 0.00	42.92 0.47 0.00	47.61 0.14 0.00	47.01 -0.28 0.00	43.76 -0.22 0.00	42.73 -0.04 0.00	39.16 0.00 0.00	38.22 0.00 0.00	38.78 0.04 0.00	38.62 -0.23 0.00	39.42 -0.12 0.00	42.90 -0.09 0.00	46.84 -0.28 0.00	44.73 -0.22 0.00	41.04 -0.21 0.00	37.78 -0.42 0.00	35.70 -0.77 0.00	33.26 -0.82 0.00	31.71 -0.52 0.00
GREENIDGE___4 23583	36.00 -0.62 0.00	33.81 -0.38 0.00	32.84 -0.43 0.00	32.32 -0.36 0.00	33.83 -0.20 0.00	35.68 0.07 0.00	42.92 0.47 0.00	47.57 0.10 0.00	46.96 -0.33 0.00	43.77 -0.22 0.00	42.77 0.00 0.00	39.16 0.00 0.00	38.14 -0.08 0.00	38.67 -0.08 0.00	38.54 -0.31 0.00	39.30 -0.24 0.00	42.90 -0.09 0.00	46.84 -0.28 0.00	44.68 -0.27 0.00	41.04 -0.21 0.00	37.47 -0.73 0.00	35.69 -0.77 0.00	33.26 -0.82 0.00	31.67 -0.55 0.00
GREENLWN_69_KV_BK 3 55738	54.82 2.45 -15.74	46.86 2.15 -10.52	45.55 2.16 -10.12	45.57 2.09 -10.81	46.90 2.08 -10.79	58.40 2.24 -20.55	64.00 3.35 -18.19	67.20 3.42 -16.31	76.72 3.59 -25.84	65.17 3.78 -17.40	51.76 3.46 -5.52	50.99 3.21 -8.62	50.35 3.29 -8.84	50.08 3.37 -7.96	50.96 3.42 -8.68	51.73 3.24 -8.96	60.28 3.35 -13.95	72.39 3.82 -21.45	70.33 3.64 -21.73	62.95 3.46 -18.24	57.08 3.06 -15.83	52.56 2.66 -13.43	48.54 2.76 -11.70	44.73 2.38 -10.13
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00
GRISSOM___SOLAR 323813	40.07 3.44 0.00	37.47 3.28 0.00	36.40 3.13 0.00	35.81 3.14 0.00	37.51 3.47 0.00	39.52 3.92 0.00	47.97 5.52 0.00	53.36 5.89 0.00	53.44 6.15 0.00	49.08 5.10 0.00	47.69 4.92 0.00	43.51 4.35 0.00	42.42 4.20 0.00	43.01 4.26 0.00	43.06 4.20 0.00	44.04 4.51 0.00	48.31 5.33 0.00	53.21 6.08 0.00	51.06 6.11 0.00	46.57 5.32 0.00	42.66 4.47 0.00	40.22 3.76 0.00	37.32 3.24 0.00	35.22 3.00 0.00
GROVEVILLE___HYD 323602	38.64 2.01 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.44 1.76 0.00	35.70 1.67 0.00	37.38 1.78 0.00	45.13 2.67 0.00	50.51 3.04 0.00	50.65 3.36 0.00	47.15 3.17 0.00	45.76 2.99 0.00	41.83 2.66 0.00	40.86 2.64 0.00	41.42 2.67 0.00	41.62 2.76 0.00	42.30 2.77 0.00	46.03 3.05 0.00	50.56 3.44 0.00	48.32 3.37 0.00	44.38 3.13 0.00	40.95 2.75 0.00	38.80 2.33 0.00	36.23 2.15 0.00	34.09 1.87 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.97 -0.66 0.00	33.57 -0.62 0.00	32.67 -0.60 0.00	32.09 -0.59 0.00	33.45 -0.58 0.00	35.21 -0.39 0.00	42.24 -0.21 0.00	47.14 -0.33 0.00	46.86 -0.43 0.00	43.59 -0.40 0.00	42.43 -0.34 0.00	38.89 -0.27 0.00	37.95 -0.27 0.00	38.47 -0.27 0.00	38.51 -0.35 0.00	39.22 -0.32 0.00	42.64 -0.34 0.00	46.70 -0.42 0.00	44.55 -0.40 0.00	40.88 -0.37 0.00	37.78 -0.42 0.00	35.81 -0.66 0.00	33.43 -0.65 0.00	31.64 -0.58 0.00
HAMLTNNY_34_KV_TB 80303	35.97 -0.66 0.00	33.61 -0.58 0.00	32.67 -0.60 0.00	32.12 -0.56 0.00	33.52 -0.51 0.00	35.28 -0.32 0.00	42.37 -0.08 0.00	47.23 -0.24 0.00	46.91 -0.38 0.00	43.68 -0.31 0.00	42.51 -0.26 0.00	38.97 -0.20 0.00	38.03 -0.19 0.00	38.55 -0.19 0.00	38.55 -0.31 0.00	39.30 -0.24 0.00	42.72 -0.26 0.00	46.75 -0.38 0.00	44.64 -0.31 0.00	40.96 -0.29 0.00	37.82 -0.38 0.00	35.81 -0.66 0.00	33.40 -0.68 0.00	31.64 -0.58 0.00

HAMPSHIRE___PAPER_HYD 323593	35.90 -0.73 0.00	33.54 -0.65 0.00	32.57 -0.70 0.00	31.96 -0.72 0.00	33.32 -0.72 0.00	34.68 -0.93 0.00	41.22 -1.23 0.00	46.38 -1.09 0.00	46.25 -1.04 0.00	43.19 -0.79 0.00	42.00 -0.77 0.00	38.38 -0.78 0.00	37.42 -0.80 0.00	37.89 -0.85 0.00	38.04 -0.82 0.00	38.70 -0.83 0.00	42.16 -0.82 0.00	46.09 -1.04 0.00	43.78 -1.17 0.00	39.97 -1.28 0.00	37.09 -1.11 0.00	35.37 -1.09 0.00	33.03 -1.06 0.00	31.38 -0.84 0.00
HARDSCRABBLE_WT_PWR 323673	37.14 0.51 0.00	34.70 0.51 0.00	33.77 0.50 0.00	33.20 0.52 0.00	34.61 0.58 0.00	36.35 0.75 0.00	43.60 1.15 0.00	48.85 1.38 0.00	48.71 1.42 0.00	45.30 1.32 0.00	44.10 1.33 0.00	40.38 1.22 0.00	39.37 1.15 0.00	39.90 1.16 0.00	40.02 1.16 0.00	40.68 1.15 0.00	44.14 1.16 0.00	48.35 1.22 0.00	46.03 1.08 0.00	42.28 1.03 0.00	39.04 0.84 0.00	37.15 0.69 0.00	34.70 0.61 0.00	32.77 0.55 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.20 1.57 0.00	35.59 1.40 0.00	34.67 1.40 0.00	34.05 1.37 0.00	35.33 1.29 0.00	36.99 1.39 0.00	44.62 2.17 0.00	49.99 2.52 0.00	50.08 2.79 0.00	46.67 2.68 0.00	45.29 2.52 0.00	41.44 2.27 0.00	40.51 2.29 0.00	41.07 2.32 0.00	41.23 2.37 0.00	41.91 2.37 0.00	45.56 2.58 0.00	50.09 2.97 0.00	47.83 2.88 0.00	43.97 2.72 0.00	40.57 2.37 0.00	38.43 1.97 0.00	35.89 1.81 0.00	33.77 1.55 0.00
HARSNRAD_115KV_TB1 81005	33.40 -3.22 0.00	31.32 -2.87 0.00	30.38 -2.89 0.00	29.80 -2.88 0.00	31.24 -2.79 0.00	33.36 -2.24 0.00	39.90 -2.55 0.00	43.34 -4.13 0.00	42.56 -4.73 0.00	39.81 -4.18 0.00	39.09 -3.68 0.00	36.07 -3.09 0.00	35.20 -3.02 0.00	35.80 -2.94 0.00	35.32 -3.54 0.00	36.13 -3.40 0.00	39.20 -3.78 0.00	42.18 -4.95 0.00	40.32 -4.63 0.00	37.21 -4.04 0.00	34.38 -3.82 0.00	32.01 -4.45 0.00	30.16 -3.92 0.00	29.06 -3.16 0.00
HARZA MOOSE___RIVER 24016	36.63 0.00 0.00	34.22 0.03 0.00	33.24 -0.03 0.00	32.61 -0.07 0.00	34.03 0.00 0.00	35.78 0.18 0.00	43.05 0.59 0.00	48.37 0.90 0.00	48.19 0.90 0.00	45.04 1.06 0.00	43.80 1.03 0.00	40.07 0.90 0.00	39.06 0.84 0.00	39.56 0.81 0.00	39.67 0.82 0.00	40.40 0.87 0.00	44.01 1.03 0.00	47.97 0.85 0.00	45.54 0.58 0.00	41.70 0.45 0.00	38.46 0.27 0.00	36.53 0.07 0.00	34.01 -0.07 0.00	32.13 -0.10 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.64 -0.99 0.00	33.30 -0.89 0.00	32.37 -0.90 0.00	31.83 -0.85 0.00	33.18 -0.85 0.00	34.89 -0.71 0.00	41.86 -0.59 0.00	46.76 -0.71 0.00	46.49 -0.80 0.00	43.24 -0.75 0.00	42.13 -0.64 0.00	38.58 -0.59 0.00	37.65 -0.57 0.00	38.20 -0.54 0.00	38.20 -0.66 0.00	38.94 -0.59 0.00	42.29 -0.69 0.00	46.28 -0.85 0.00	44.19 -0.76 0.00	40.55 -0.70 0.00	37.43 -0.76 0.00	35.51 -0.95 0.00	33.13 -0.95 0.00	31.35 -0.87 0.00
HELLGATE_13_KV_LD 55870	38.64 2.01 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.08 2.63 0.00	50.75 3.28 0.00	50.98 3.69 0.00	47.66 3.65 -0.03	46.24 3.46 -0.01	42.30 3.13 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.78 3.24 -0.01	46.51 3.52 0.00	51.68 3.96 -0.59	48.73 3.78 -0.01	44.89 3.63 -0.01	41.41 3.21 -0.01	39.12 2.66 0.00	36.54 2.45 0.00	34.28 2.06 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.64 2.01 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.08 2.63 0.00	50.75 3.28 0.00	50.98 3.69 0.00	47.66 3.65 -0.03	46.24 3.46 -0.01	42.30 3.13 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.78 3.24 -0.01	46.51 3.52 0.00	51.68 3.96 -0.59	48.73 3.78 -0.01	44.89 3.63 -0.01	41.41 3.21 -0.01	39.12 2.66 0.00	36.54 2.45 0.00	34.28 2.06 0.00
HEMPSTEAD____ 23647	54.78 2.42 -15.74	46.86 2.16 -10.52	45.55 2.16 -10.12	45.57 2.09 -10.81	46.90 2.08 -10.79	58.36 2.21 -20.55	63.83 3.19 -18.19	67.58 3.80 -16.31	77.19 4.07 -25.84	65.29 3.91 -17.39	51.97 3.68 -5.52	51.19 3.41 -8.62	50.38 3.32 -8.84	50.19 3.49 -7.96	51.04 3.50 -8.68	52.05 3.56 -8.96	60.71 3.78 -13.95	72.82 4.24 -21.45	70.73 4.05 -21.73	63.32 3.84 -18.24	57.27 3.24 -15.83	52.81 2.92 -13.43	48.47 2.69 -11.70	44.73 2.38 -10.13
HEWLETT__69_KV_BK3 55828	54.97 2.60 -15.74	47.03 2.32 -10.52	45.69 2.30 -10.12	45.73 2.25 -10.81	47.03 2.21 -10.79	58.29 2.14 -20.55	63.65 3.01 -18.19	67.33 3.56 -16.30	76.95 3.83 -25.83	65.07 3.69 -17.39	52.01 3.72 -5.52	51.15 3.37 -8.62	50.46 3.40 -8.84	50.15 3.45 -7.96	51.04 3.50 -8.68	51.97 3.48 -8.96	60.54 3.61 -13.95	72.63 4.05 -21.45	70.59 3.91 -21.73	63.20 3.71 -18.24	57.27 3.25 -15.83	52.81 2.92 -13.43	48.44 2.66 -11.70	44.86 2.51 -10.13
HICKLING___1 23621	36.12 -0.51 0.00	33.78 -0.41 0.00	32.84 -0.43 0.00	32.28 -0.39 0.00	33.76 -0.27 0.00	35.78 0.18 0.00	43.05 0.59 0.00	47.57 0.09 0.00	46.96 -0.33 0.00	43.76 -0.22 0.00	42.81 0.04 0.00	39.28 0.12 0.00	38.33 0.11 0.00	38.90 0.15 0.00	38.70 -0.16 0.00	39.49 -0.04 0.00	42.94 -0.04 0.00	46.84 -0.28 0.00	44.68 -0.27 0.00	41.04 -0.21 0.00	37.78 -0.42 0.00	35.51 -0.95 0.00	33.13 -0.95 0.00	31.71 -0.52 0.00
HICKLING___2 23622	36.12 -0.51 0.00	33.78 -0.41 0.00	32.84 -0.43 0.00	32.28 -0.39 0.00	33.76 -0.27 0.00	35.78 0.18 0.00	43.05 0.59 0.00	47.57 0.09 0.00	46.96 -0.33 0.00	43.76 -0.22 0.00	42.81 0.04 0.00	39.28 0.12 0.00	38.33 0.11 0.00	38.90 0.15 0.00	38.70 -0.16 0.00	39.49 -0.04 0.00	42.94 -0.04 0.00	46.84 -0.28 0.00	44.68 -0.27 0.00	41.04 -0.21 0.00	37.78 -0.42 0.00	35.51 -0.95 0.00	33.13 -0.95 0.00	31.71 -0.52 0.00
HIGH FALLS___HY 23754	38.35 1.72 0.00	35.69 1.50 0.00	34.77 1.50 0.00	34.15 1.47 0.00	35.39 1.36 0.00	37.10 1.50 0.00	44.87 2.42 0.00	50.22 2.75 0.00	50.46 3.17 0.00	47.02 3.03 0.00	45.59 2.82 0.00	41.63 2.47 0.00	40.36 2.14 0.00	40.87 2.13 0.00	41.11 2.25 0.00	41.83 2.29 0.00	45.65 2.66 0.00	50.19 3.06 0.00	47.96 3.01 0.00	44.05 2.80 0.00	40.83 2.64 0.00	38.72 2.26 0.00	36.02 1.94 0.00	33.87 1.64 0.00
HILLBURN___GT 23639	38.13 1.50 0.00	35.52 1.33 0.00	34.64 1.36 0.00	34.01 1.34 0.00	35.29 1.26 0.00	36.92 1.32 0.00	44.53 2.08 0.00	49.98 2.51 0.00	50.13 2.84 0.00	46.67 2.68 0.00	45.29 2.52 0.00	41.47 2.31 0.00	40.51 2.29 0.00	41.19 2.44 0.00	41.31 2.45 0.00	41.99 2.45 0.00	45.56 2.58 0.00	50.10 2.97 0.00	47.83 2.88 0.00	44.01 2.76 0.00	40.41 2.21 0.00	38.43 1.97 0.00	35.89 1.81 0.00	33.77 1.55 0.00
HILLSIDE_115KV_TB1 80332	35.75 -0.88 0.00	33.44 -0.75 0.00	32.51 -0.77 0.00	31.96 -0.72 0.00	33.39 -0.65 0.00	35.32 -0.28 0.00	42.45 0.00 0.00	46.95 -0.52 0.00	46.39 -0.90 0.00	43.19 -0.79 0.00	42.26 -0.51 0.00	38.77 -0.39 0.00	37.88 -0.34 0.00	38.39 -0.35 0.00	38.24 -0.62 0.00	39.02 -0.51 0.00	42.38 -0.60 0.00	46.32 -0.80 0.00	44.19 -0.76 0.00	40.59 -0.66 0.00	37.40 -0.80 0.00	35.19 -1.28 0.00	32.86 -1.23 0.00	31.42 -0.81 0.00

HISHELDN_WT_PWR 323625	34.17 -2.45 0.00	32.00 -2.19 0.00	31.07 -2.20 0.00	30.55 -2.12 0.00	32.02 -2.01 0.00	34.14 -1.46 0.00	40.96 -1.49 0.00	44.62 -2.85 0.00	43.89 -3.41 0.00	41.08 -2.90 0.00	40.46 -2.31 0.00	37.17 -2.00 0.00	36.19 -2.03 0.00	36.57 -2.17 0.00	36.25 -2.60 0.00	36.97 -2.57 0.00	40.40 -2.58 0.00	43.69 -3.44 0.00	41.58 -3.37 0.00	38.32 -2.93 0.00	34.76 -3.44 0.00	32.96 -3.50 0.00	30.91 -3.17 0.00	29.74 -2.48 0.00
HOLTSVILLE_IC_1 23690	55.44 3.08 -15.74	47.45 2.74 -10.52	46.15 2.76 -10.12	46.16 2.68 -10.81	47.48 2.66 -10.79	59.04 2.88 -20.55	64.89 4.24 -18.19	68.81 5.03 -16.31	78.43 5.30 -25.84	66.31 4.93 -17.40	52.91 4.62 -5.52	51.98 4.19 -8.62	51.15 4.09 -8.84	50.97 4.26 -7.96	51.85 4.31 -8.68	52.92 4.43 -8.96	61.79 4.86 -13.95	73.99 5.42 -21.45	71.85 5.17 -21.73	64.39 4.91 -18.24	58.23 4.20 -15.83	53.65 3.76 -13.43	49.12 3.34 -11.70	45.25 2.90 -10.13
HOLTSVILLE_IC_10 23699	55.62 3.26 -15.74	47.61 2.90 -10.52	46.32 2.93 -10.12	46.29 2.81 -10.81	47.61 2.79 -10.79	59.25 3.10 -20.55	65.14 4.50 -18.19	69.10 5.32 -16.31	78.76 5.62 -25.84	66.61 5.23 -17.40	53.21 4.92 -5.52	52.25 4.46 -8.62	51.38 4.32 -8.84	51.20 4.49 -7.96	52.08 4.54 -8.68	53.19 4.70 -8.96	62.13 5.20 -13.95	74.32 5.75 -21.45	72.17 5.48 -21.73	64.72 5.24 -18.24	58.49 4.47 -15.83	53.91 4.01 -13.43	49.32 3.54 -11.70	45.44 3.09 -10.13
HOLTSVILLE_IC_2 23691	55.44 3.08 -15.74	47.45 2.74 -10.52	46.15 2.76 -10.12	46.16 2.68 -10.81	47.48 2.66 -10.79	59.04 2.88 -20.55	64.89 4.24 -18.19	68.81 5.03 -16.31	78.43 5.30 -25.84	66.31 4.93 -17.40	52.91 4.62 -5.52	51.98 4.19 -8.62	51.15 4.09 -8.84	50.97 4.26 -7.96	51.85 4.31 -8.68	52.92 4.43 -8.96	61.79 4.86 -13.95	73.99 5.42 -21.45	71.85 5.17 -21.73	64.39 4.91 -18.24	58.23 4.20 -15.83	53.65 3.76 -13.43	49.12 3.34 -11.70	45.25 2.90 -10.13
HOLTSVILLE_IC_3 23692	55.44 3.08 -15.74	47.45 2.74 -10.52	46.15 2.76 -10.12	46.16 2.68 -10.81	47.48 2.66 -10.79	59.04 2.88 -20.55	64.89 4.24 -18.19	68.81 5.03 -16.31	78.43 5.30 -25.84	66.31 4.93 -17.40	52.91 4.62 -5.52	51.98 4.19 -8.62	51.15 4.09 -8.84	50.97 4.26 -7.96	51.85 4.31 -8.68	52.92 4.43 -8.96	61.79 4.86 -13.95	73.99 5.42 -21.45	71.85 5.17 -21.73	64.39 4.91 -18.24	58.23 4.20 -15.83	53.65 3.76 -13.43	49.12 3.34 -11.70	45.25 2.90 -10.13
HOLTSVILLE_IC_4 23693	55.44 3.08 -15.74	47.45 2.74 -10.52	46.15 2.76 -10.12	46.16 2.68 -10.81	47.48 2.66 -10.79	59.04 2.88 -20.55	64.89 4.24 -18.19	68.81 5.03 -16.31	78.43 5.30 -25.84	66.31 4.93 -17.40	52.91 4.62 -5.52	51.98 4.19 -8.62	51.15 4.09 -8.84	50.97 4.26 -7.96	51.85 4.31 -8.68	52.92 4.43 -8.96	61.79 4.86 -13.95	73.99 5.42 -21.45	71.85 5.17 -21.73	64.39 4.91 -18.24	58.23 4.20 -15.83	53.65 3.76 -13.43	49.12 3.34 -11.70	45.25 2.90 -10.13
HOLTSVILLE_IC_5 23694	55.44 3.08 -15.74	47.45 2.74 -10.52	46.15 2.76 -10.12	46.16 2.68 -10.81	47.48 2.66 -10.79	59.04 2.88 -20.55	64.89 4.24 -18.19	68.81 5.03 -16.31	78.43 5.30 -25.84	66.31 4.93 -17.40	52.91 4.62 -5.52	51.98 4.19 -8.62	51.15 4.09 -8.84	50.97 4.26 -7.96	51.85 4.31 -8.68	52.92 4.43 -8.96	61.79 4.86 -13.95	73.99 5.42 -21.45	71.85 5.17 -21.73	64.39 4.91 -18.24	58.23 4.20 -15.83	53.65 3.76 -13.43	49.12 3.34 -11.70	45.25 2.90 -10.13
HOLTSVILLE_IC_6 23695	55.62 3.26 -15.74	47.61 2.90 -10.52	46.32 2.93 -10.12	46.29 2.81 -10.81	47.61 2.79 -10.79	59.25 3.10 -20.55	65.14 4.50 -18.19	69.10 5.32 -16.31	78.76 5.62 -25.84	66.61 5.23 -17.40	53.21 4.92 -5.52	52.25 4.46 -8.62	51.38 4.32 -8.84	51.20 4.49 -7.96	52.08 4.54 -8.68	53.19 4.70 -8.96	62.13 5.20 -13.95	74.32 5.75 -21.45	72.17 5.48 -21.73	64.72 5.24 -18.24	58.49 4.47 -15.83	53.91 4.01 -13.43	49.32 3.54 -11.70	45.44 3.09 -10.13
HOLTSVILLE_IC_7 23696	55.62 3.26 -15.74	47.61 2.90 -10.52	46.32 2.93 -10.12	46.29 2.81 -10.81	47.61 2.79 -10.79	59.25 3.10 -20.55	65.14 4.50 -18.19	69.10 5.32 -16.31	78.76 5.62 -25.84	66.61 5.23 -17.40	53.21 4.92 -5.52	52.25 4.46 -8.62	51.38 4.32 -8.84	51.20 4.49 -7.96	52.08 4.54 -8.68	53.19 4.70 -8.96	62.13 5.20 -13.95	74.32 5.75 -21.45	72.17 5.48 -21.73	64.72 5.24 -18.24	58.49 4.47 -15.83	53.91 4.01 -13.43	49.32 3.54 -11.70	45.44 3.09 -10.13
HOLTSVILLE_IC_8 23697	55.62 3.26 -15.74	47.61 2.90 -10.52	46.32 2.93 -10.12	46.29 2.81 -10.81	47.61 2.79 -10.79	59.25 3.10 -20.55	65.14 4.50 -18.19	69.10 5.32 -16.31	78.76 5.62 -25.84	66.61 5.23 -17.40	53.21 4.92 -5.52	52.25 4.46 -8.62	51.38 4.32 -8.84	51.20 4.49 -7.96	52.08 4.54 -8.68	53.19 4.70 -8.96	62.13 5.20 -13.95	74.32 5.75 -21.45	72.17 5.48 -21.73	64.72 5.24 -18.24	58.49 4.47 -15.83	53.91 4.01 -13.43	49.32 3.54 -11.70	45.44 3.09 -10.13
HOLTSVILLE_IC_9 23698	55.62 3.26 -15.74	47.61 2.90 -10.52	46.32 2.93 -10.12	46.29 2.81 -10.81	47.61 2.79 -10.79	59.25 3.10 -20.55	65.14 4.50 -18.19	69.10 5.32 -16.31	78.76 5.62 -25.84	66.61 5.23 -17.40	53.21 4.92 -5.52	52.25 4.46 -8.62	51.38 4.32 -8.84	51.20 4.49 -7.96	52.08 4.54 -8.68	53.19 4.70 -8.96	62.13 5.20 -13.95	74.32 5.75 -21.45	72.17 5.48 -21.73	64.72 5.24 -18.24	58.49 4.47 -15.83	53.91 4.01 -13.43	49.32 3.54 -11.70	45.44 3.09 -10.13
HOMER_HL_115KV_TB2 355744	34.72 -1.90 0.00	32.51 -1.68 0.00	31.54 -1.73 0.00	30.98 -1.70 0.00	32.47 -1.57 0.00	34.57 -1.03 0.00	41.60 -0.85 0.00	45.29 -2.18 0.00	44.50 -2.79 0.00	41.57 -2.42 0.00	40.89 -1.88 0.00	37.68 -1.49 0.00	36.81 -1.41 0.00	37.35 -1.39 0.00	36.84 -2.02 0.00	37.64 -1.90 0.00	40.83 -2.15 0.00	44.39 -2.73 0.00	42.30 -2.65 0.00	38.90 -2.35 0.00	35.79 -2.41 0.00	33.36 -3.10 0.00	31.19 -2.90 0.00	30.39 -1.84 0.00
HOWARD_WT_PWR 323690	35.75 -0.88 0.00	33.51 -0.68 0.00	32.61 -0.67 0.00	32.09 -0.59 0.00	33.66 -0.37 0.00	35.78 0.18 0.00	43.09 0.64 0.00	47.38 -0.09 0.00	46.67 -0.62 0.00	43.59 -0.40 0.00	42.77 0.00 0.00	39.24 0.08 0.00	38.18 -0.04 0.00	38.67 -0.08 0.00	38.43 -0.43 0.00	39.22 -0.32 0.00	42.77 -0.21 0.00	46.56 -0.56 0.00	44.28 -0.67 0.00	40.59 -0.66 0.00	36.82 -1.37 0.00	34.86 -1.60 0.00	32.48 -1.60 0.00	31.06 -1.16 0.00
HQ_GEN_CEDARS 23644	36.96 0.33 0.00	34.53 0.34 0.00	33.60 0.33 0.00	32.97 0.29 0.00	34.37 0.34 0.00	35.64 0.04 0.00	41.98 -0.47 0.00	47.04 -0.43 0.00	46.91 -0.38 0.00	43.63 -0.35 0.00	42.47 -0.30 0.00	38.85 -0.31 0.00	37.88 -0.34 0.00	38.39 -0.35 0.00	38.51 -0.35 0.00	39.14 -0.40 0.00	42.55 -0.43 0.00	46.70 -0.42 0.00	44.46 -0.49 0.00	40.63 -0.62 0.00	37.78 -0.42 0.00	36.39 -0.07 0.00	34.05 -0.03 0.00	32.32 0.10 0.00
HQ_GEN_CEDARS_PROXY 323590	36.96 0.33 0.00	34.53 0.34 0.00	33.60 0.33 0.00	32.97 0.29 0.00	34.37 0.34 0.00	35.64 0.04 0.00	41.99 -0.47 0.00	47.09 -0.38 0.00	46.91 -0.38 0.00	43.63 -0.35 0.00	42.47 -0.30 0.00	38.85 -0.31 0.00	37.95 -0.27 0.00	38.39 -0.35 0.00	38.51 -0.35 0.00	39.18 -0.36 0.00	42.55 -0.43 0.00	46.70 -0.42 0.00	44.46 -0.49 0.00	40.63 -0.62 0.00	38.01 -0.19 0.00	36.39 -0.07 0.00	34.05 -0.03 0.00	32.32 0.10 0.00

HQ_GEN_IMPORT 323601	36.77 0.15 0.00	34.33 0.14 0.00	33.41 0.13 0.00	32.81 0.13 0.00	34.17 0.14 0.00	37.75 -0.04 -2.18	39.80 -0.47 2.18	47.00 -0.47 0.00	46.86 -0.43 0.00	43.59 -0.40 0.00	42.38 -0.39 0.00	38.81 -0.35 0.00	37.91 -0.31 0.00	38.36 -0.39 0.00	38.51 -0.35 0.00	39.14 -0.40 0.00	42.55 -0.43 0.00	46.65 -0.47 0.00	44.50 -0.45 0.00	40.75 -0.49 0.00	37.75 -0.15 0.30	36.76 0.00 -0.30	34.05 -0.03 0.00	32.25 0.03 0.00
HQ_GEN_WHEEL 23651	36.77 0.15 0.00	34.33 0.14 0.00	33.41 0.13 0.00	32.81 0.13 0.00	34.17 0.14 0.00	37.75 -0.04 -2.18	39.80 -0.47 2.18	47.00 -0.47 0.00	46.86 -0.43 0.00	43.59 -0.40 0.00	42.38 -0.39 0.00	38.81 -0.35 0.00	37.91 -0.31 0.00	38.36 -0.39 0.00	38.51 -0.35 0.00	39.14 -0.40 0.00	42.55 -0.43 0.00	46.65 -0.47 0.00	44.50 -0.45 0.00	40.75 -0.49 0.00	37.75 -0.15 0.30	36.76 0.00 -0.30	34.05 -0.03 0.00	32.25 0.03 0.00
HUDSON AVE_GT_3 23810	38.57 1.94 0.00	35.86 1.68 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.60 1.57 0.00	37.24 1.64 0.00	45.08 2.63 0.00	50.65 3.18 0.00	50.84 3.55 0.00	47.50 3.52 0.00	46.06 3.29 0.00	42.18 3.02 0.00	41.28 3.06 0.00	41.84 3.10 0.00	42.00 3.15 0.00	42.62 3.08 0.00	46.33 3.35 0.00	50.89 3.77 0.00	48.55 3.60 0.00	44.71 3.46 0.00	41.25 3.06 0.00	39.01 2.55 0.00	36.40 2.32 0.00	34.16 1.93 0.00
HUDSON AVE_GT_4 23540	38.57 1.94 0.00	35.86 1.68 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.60 1.57 0.00	37.24 1.64 0.00	45.08 2.63 0.00	50.65 3.18 0.00	50.84 3.55 0.00	47.50 3.52 0.00	46.06 3.29 0.00	42.18 3.02 0.00	41.28 3.06 0.00	41.84 3.10 0.00	42.00 3.15 0.00	42.62 3.08 0.00	46.33 3.35 0.00	50.89 3.77 0.00	48.55 3.60 0.00	44.71 3.46 0.00	41.25 3.06 0.00	39.01 2.55 0.00	36.40 2.32 0.00	34.16 1.93 0.00
HUDSON AVE_GT_5 23657	38.57 1.94 0.00	35.86 1.68 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.60 1.57 0.00	37.24 1.64 0.00	45.08 2.63 0.00	50.65 3.18 0.00	50.84 3.55 0.00	47.50 3.52 0.00	46.06 3.29 0.00	42.18 3.02 0.00	41.28 3.06 0.00	41.84 3.10 0.00	42.00 3.15 0.00	42.62 3.08 0.00	46.33 3.35 0.00	50.89 3.77 0.00	48.55 3.60 0.00	44.71 3.46 0.00	41.25 3.06 0.00	39.01 2.55 0.00	36.40 2.32 0.00	34.16 1.93 0.00
HUDSON_AVE_10 24168	38.50 1.87 0.00	35.80 1.61 0.00	34.87 1.60 0.00	34.21 1.54 0.00	35.53 1.50 0.00	37.13 1.53 0.00	45.00 2.55 0.00	50.56 3.09 0.00	50.79 3.50 0.00	47.42 3.43 0.00	46.02 3.25 0.00	42.10 2.94 0.00	41.24 3.02 0.00	41.80 3.06 0.00	41.93 3.07 0.00	42.58 3.04 0.00	46.29 3.31 0.00	50.89 3.77 0.00	48.50 3.55 0.00	44.67 3.42 0.00	41.18 2.98 0.00	38.94 2.48 0.00	36.37 2.28 0.00	34.09 1.87 0.00
HUDSON___115KV_TB 4 355613	38.53 1.90 0.00	35.97 1.78 0.00	35.03 1.76 0.00	34.41 1.73 0.00	35.80 1.77 0.00	37.49 1.89 0.00	44.96 2.50 0.00	50.13 2.66 0.00	49.61 2.32 0.00	45.66 1.67 0.00	44.22 1.45 0.00	40.61 1.45 0.00	39.60 1.38 0.00	40.14 1.39 0.00	40.37 1.52 0.00	41.08 1.54 0.00	44.66 1.68 0.00	49.10 1.98 0.00	47.06 2.11 0.00	43.19 1.94 0.00	39.95 1.76 0.00	38.03 1.57 0.00	35.85 1.77 0.00	33.99 1.77 0.00
HUNTER MOUNT___DRP 323613	38.83 2.20 0.00	36.27 2.09 0.00	35.30 2.03 0.00	34.67 1.99 0.00	36.07 2.04 0.00	37.85 2.24 0.00	45.34 2.89 0.00	50.46 2.99 0.00	49.84 2.55 0.00	45.83 1.85 0.00	44.35 1.58 0.00	40.73 1.57 0.00	39.71 1.49 0.00	40.22 1.47 0.00	40.45 1.59 0.00	41.19 1.66 0.00	44.79 1.81 0.00	49.24 2.12 0.00	47.29 2.34 0.00	43.31 2.06 0.00	40.07 1.87 0.00	38.18 1.71 0.00	35.99 1.91 0.00	34.12 1.90 0.00
HUNTINGTON_RES_REC 323705	55.15 2.78 -15.74	47.17 2.46 -10.52	45.85 2.46 -10.12	45.86 2.38 -10.81	47.17 2.35 -10.79	58.72 2.56 -20.55	64.47 3.82 -18.19	68.00 4.22 -16.31	77.53 4.40 -25.84	65.74 4.36 -17.40	52.27 3.98 -5.52	51.46 3.68 -8.62	50.73 3.67 -8.84	50.54 3.84 -7.96	51.42 3.89 -8.68	52.32 3.83 -8.96	61.06 4.13 -13.95	73.20 4.62 -21.45	71.09 4.41 -21.73	63.69 4.21 -18.24	57.58 3.55 -15.83	53.11 3.21 -13.43	48.88 3.10 -11.70	44.99 2.64 -10.13
HUNTLEY___63 23557	33.59 -3.04 0.00	31.49 -2.70 0.00	30.54 -2.73 0.00	29.96 -2.71 0.00	31.41 -2.62 0.00	33.54 -2.07 0.00	40.16 -2.29 0.00	43.67 -3.80 0.00	42.89 -4.40 0.00	40.11 -3.87 0.00	39.43 -3.34 0.00	36.34 -2.82 0.00	35.51 -2.71 0.00	36.07 -2.67 0.00	35.59 -3.26 0.00	36.37 -3.16 0.00	39.50 -3.48 0.00	42.51 -4.62 0.00	40.59 -4.36 0.00	37.45 -3.79 0.00	34.61 -3.59 0.00	32.23 -4.23 0.00	30.30 -3.78 0.00	29.23 -3.00 0.00
HUNTLEY___64 23558	33.59 -3.04 0.00	31.49 -2.70 0.00	30.54 -2.73 0.00	29.96 -2.71 0.00	31.41 -2.62 0.00	33.54 -2.07 0.00	40.16 -2.29 0.00	43.67 -3.80 0.00	42.89 -4.40 0.00	40.11 -3.87 0.00	39.43 -3.34 0.00	36.34 -2.82 0.00	35.51 -2.71 0.00	36.07 -2.67 0.00	35.59 -3.26 0.00	36.37 -3.16 0.00	39.50 -3.48 0.00	42.51 -4.62 0.00	40.59 -4.36 0.00	37.45 -3.79 0.00	34.61 -3.59 0.00	32.23 -4.23 0.00	30.30 -3.78 0.00	29.23 -3.00 0.00
HUNTLEY___65 23559	33.59 -3.04 0.00	31.49 -2.70 0.00	30.54 -2.73 0.00	29.96 -2.71 0.00	31.41 -2.62 0.00	33.54 -2.07 0.00	40.16 -2.29 0.00	43.67 -3.80 0.00	42.89 -4.40 0.00	40.11 -3.87 0.00	39.43 -3.34 0.00	36.34 -2.82 0.00	35.51 -2.71 0.00	36.07 -2.67 0.00	35.59 -3.26 0.00	36.37 -3.16 0.00	39.50 -3.48 0.00	42.51 -4.62 0.00	40.59 -4.36 0.00	37.45 -3.79 0.00	34.61 -3.59 0.00	32.23 -4.23 0.00	30.30 -3.78 0.00	29.23 -3.00 0.00
HUNTLEY___66 23560	33.59 -3.04 0.00	31.49 -2.70 0.00	30.54 -2.73 0.00	29.96 -2.71 0.00	31.41 -2.62 0.00	33.54 -2.07 0.00	40.16 -2.29 0.00	43.67 -3.80 0.00	42.89 -4.40 0.00	40.11 -3.87 0.00	39.43 -3.34 0.00	36.34 -2.82 0.00	35.51 -2.71 0.00	36.07 -2.67 0.00	35.59 -3.26 0.00	36.37 -3.16 0.00	39.50 -3.48 0.00	42.51 -4.62 0.00	40.59 -4.36 0.00	37.45 -3.79 0.00	34.61 -3.59 0.00	32.23 -4.23 0.00	30.30 -3.78 0.00	29.23 -3.00 0.00
HUNTLEY___67 23561	33.55 -3.08 0.00	31.42 -2.77 0.00	30.51 -2.76 0.00	29.93 -2.74 0.00	31.38 -2.65 0.00	33.47 -2.14 0.00	40.07 -2.38 0.00	43.58 -3.89 0.00	42.80 -4.49 0.00	39.98 -4.00 0.00	39.31 -3.46 0.00	36.27 -2.90 0.00	35.43 -2.79 0.00	35.99 -2.75 0.00	35.52 -3.34 0.00	36.29 -3.24 0.00	39.37 -3.61 0.00	42.41 -4.71 0.00	40.55 -4.41 0.00	37.41 -3.84 0.00	34.57 -3.63 0.00	32.20 -4.27 0.00	30.30 -3.78 0.00	29.26 -2.96 0.00
HUNTLEY___68 23562	33.55 -3.08 0.00	31.42 -2.77 0.00	30.51 -2.76 0.00	29.93 -2.74 0.00	31.38 -2.65 0.00	33.47 -2.14 0.00	40.07 -2.38 0.00	43.58 -3.89 0.00	42.80 -4.49 0.00	39.98 -4.00 0.00	39.31 -3.46 0.00	36.27 -2.90 0.00	35.43 -2.79 0.00	35.99 -2.75 0.00	35.52 -3.34 0.00	36.29 -3.24 0.00	39.37 -3.61 0.00	42.41 -4.71 0.00	40.55 -4.41 0.00	37.41 -3.84 0.00	34.57 -3.63 0.00	32.20 -4.27 0.00	30.30 -3.78 0.00	29.26 -2.96 0.00



HYLAND___LFGE 323620	35.24 -1.39 0.00	32.92 -1.26 0.00	31.94 -1.33 0.00	31.43 -1.24 0.00	32.98 -1.06 0.00	35.14 -0.46 0.00	42.45 0.00 0.00	46.71 -0.76 0.00	46.11 -1.18 0.00	42.84 -1.14 0.00	41.74 -1.03 0.00	38.30 -0.86 0.00	37.27 -0.95 0.00	37.74 -1.01 0.00	37.61 -1.24 0.00	38.59 -0.95 0.00	42.51 -0.47 0.00	46.13 -0.99 0.00	44.10 -0.86 0.00	40.46 -0.78 0.00	36.75 -1.45 0.00	34.78 -1.68 0.00	32.38 -1.70 0.00	30.80 -1.42 0.00
INDECK___CORINTH 23802	37.51 0.88 0.00	35.04 0.86 0.00	34.20 0.93 0.00	33.65 0.98 0.00	35.05 1.02 0.00	36.74 1.14 0.00	44.36 1.91 0.00	49.61 2.14 0.00	49.75 2.46 0.00	45.97 1.98 0.00	44.57 1.80 0.00	40.38 1.22 0.00	39.29 1.07 0.00	39.67 0.93 0.00	39.79 0.93 0.00	40.48 0.95 0.00	44.18 1.20 0.00	48.59 1.46 0.00	46.57 1.62 0.00	42.61 1.36 0.00	39.23 1.03 0.00	37.15 0.69 0.00	34.63 0.54 0.00	32.67 0.45 0.00
INDECK___ILION 23567	37.07 0.44 0.00	34.63 0.44 0.00	33.70 0.43 0.00	33.10 0.42 0.00	34.48 0.44 0.00	36.17 0.57 0.00	43.34 0.89 0.00	48.51 1.04 0.00	48.38 1.09 0.00	45.00 1.01 0.00	43.75 0.98 0.00	40.07 0.90 0.00	39.10 0.88 0.00	39.60 0.85 0.00	39.75 0.89 0.00	40.40 0.87 0.00	43.84 0.86 0.00	48.07 0.94 0.00	45.81 0.85 0.00	42.03 0.78 0.00	38.89 0.69 0.00	36.97 0.51 0.00	34.56 0.48 0.00	32.64 0.42 0.00
INDECK___OLEAN 23982	34.72 -1.91 0.00	32.51 -1.67 0.00	31.54 -1.73 0.00	30.97 -1.70 0.00	32.47 -1.56 0.00	34.57 -1.03 0.00	41.60 -0.85 0.00	45.19 -2.28 0.00	44.40 -2.89 0.00	41.52 -2.46 0.00	40.97 -1.79 0.00	37.68 -1.49 0.00	36.69 -1.53 0.00	37.15 -1.59 0.00	36.76 -2.10 0.00	37.40 -2.14 0.00	40.83 -2.15 0.00	44.39 -2.73 0.00	42.26 -2.70 0.00	38.90 -2.35 0.00	35.26 -2.94 0.00	33.36 -3.10 0.00	31.22 -2.86 0.00	30.39 -1.84 0.00
INDECK___OSWEGO 23783	34.94 -1.68 0.00	32.65 -1.54 0.00	31.74 -1.53 0.00	31.17 -1.50 0.00	32.54 -1.50 0.00	34.18 -1.43 0.00	40.92 -1.53 0.00	45.71 -1.76 0.00	45.45 -1.85 0.00	42.31 -1.67 0.00	41.19 -1.58 0.00	37.72 -1.45 0.00	36.81 -1.41 0.00	37.31 -1.43 0.00	37.38 -1.48 0.00	38.07 -1.46 0.00	41.44 -1.55 0.00	45.33 -1.79 0.00	43.24 -1.71 0.00	39.68 -1.57 0.00	36.63 -1.57 0.00	35.15 -1.31 0.00	32.82 -1.26 0.00	31.03 -1.19 0.00
INDECK___YERKES 23781	33.63 -3.00 0.00	31.52 -2.67 0.00	30.54 -2.73 0.00	30.00 -2.68 0.00	31.44 -2.59 0.00	33.58 -2.03 0.00	40.20 -2.25 0.00	43.58 -3.89 0.00	42.80 -4.49 0.00	40.11 -3.87 0.00	39.56 -3.21 0.00	36.38 -2.78 0.00	35.39 -2.83 0.00	35.72 -3.02 0.00	35.40 -3.46 0.00	36.09 -3.44 0.00	39.50 -3.48 0.00	42.55 -4.57 0.00	40.59 -4.36 0.00	37.49 -3.75 0.00	33.96 -4.24 0.00	32.27 -4.19 0.00	30.33 -3.75 0.00	29.29 -2.93 0.00
INDIAN POINT_GT_1 24139	38.39 1.76 0.00	35.73 1.54 0.00	34.80 1.53 0.00	34.18 1.50 0.00	35.46 1.43 0.00	37.06 1.46 0.00	44.79 2.33 0.00	50.27 2.80 0.00	50.41 3.12 0.00	47.02 3.03 0.00	45.63 2.87 0.00	41.75 2.58 0.00	40.82 2.60 0.00	41.38 2.63 0.00	41.58 2.72 0.00	42.22 2.69 0.00	45.90 2.92 0.00	50.47 3.35 0.00	48.14 3.19 0.00	44.30 3.05 0.00	40.87 2.67 0.00	38.69 2.22 0.00	36.09 2.01 0.00	33.96 1.74 0.00
INDIAN POINT_GT_2 23659	38.39 1.76 0.00	35.73 1.54 0.00	34.80 1.53 0.00	34.18 1.50 0.00	35.46 1.43 0.00	37.06 1.46 0.00	44.79 2.33 0.00	50.27 2.80 0.00	50.41 3.12 0.00	47.02 3.03 0.00	45.63 2.87 0.00	41.75 2.58 0.00	40.82 2.60 0.00	41.38 2.63 0.00	41.58 2.72 0.00	42.22 2.69 0.00	45.90 2.92 0.00	50.47 3.35 0.00	48.14 3.19 0.00	44.30 3.05 0.00	40.87 2.67 0.00	38.69 2.22 0.00	36.09 2.01 0.00	33.96 1.74 0.00
INDIAN POINT_GT_3 24019	38.39 1.76 0.00	35.73 1.54 0.00	34.80 1.53 0.00	34.18 1.50 0.00	35.46 1.43 0.00	37.06 1.46 0.00	44.79 2.33 0.00	50.27 2.80 0.00	50.41 3.12 0.00	47.02 3.03 0.00	45.63 2.87 0.00	41.75 2.58 0.00	40.82 2.60 0.00	41.38 2.63 0.00	41.58 2.72 0.00	42.22 2.69 0.00	45.90 2.92 0.00	50.47 3.35 0.00	48.14 3.19 0.00	44.30 3.05 0.00	40.87 2.67 0.00	38.69 2.22 0.00	36.09 2.01 0.00	33.96 1.74 0.00
INDIAN POINT___2 23530	38.17 1.54 0.00	35.56 1.37 0.00	34.67 1.40 0.00	34.01 1.34 0.00	35.33 1.29 0.00	36.92 1.32 0.00	44.57 2.12 0.00	50.08 2.61 0.00	50.18 2.89 0.00	46.76 2.77 0.00	45.34 2.57 0.00	41.51 2.35 0.00	40.55 2.33 0.00	41.23 2.48 0.00	41.35 2.49 0.00	42.07 2.53 0.00	45.65 2.67 0.00	50.19 3.06 0.00	47.87 2.92 0.00	44.05 2.81 0.00	40.49 2.29 0.00	38.50 2.04 0.00	35.92 1.84 0.00	33.80 1.58 0.00
INDIAN POINT___3 23531	38.24 1.61 0.00	35.59 1.40 0.00	34.70 1.43 0.00	34.08 1.41 0.00	35.36 1.33 0.00	36.99 1.39 0.00	44.62 2.17 0.00	50.08 2.61 0.00	50.18 2.88 0.00	46.80 2.82 0.00	45.42 2.65 0.00	41.55 2.39 0.00	40.63 2.41 0.00	41.22 2.48 0.00	41.38 2.53 0.00	42.02 2.49 0.00	45.69 2.71 0.00	50.23 3.11 0.00	47.92 2.97 0.00	44.09 2.85 0.00	40.68 2.48 0.00	38.54 2.08 0.00	35.96 1.87 0.00	33.83 1.61 0.00
INGHAM_C_115KV_TB7 356103	37.25 0.62 0.00	34.80 0.62 0.00	33.87 0.60 0.00	33.30 0.62 0.00	34.71 0.68 0.00	36.42 0.82 0.00	43.68 1.23 0.00	48.94 1.47 0.00	48.80 1.51 0.00	45.39 1.41 0.00	44.14 1.37 0.00	40.42 1.25 0.00	39.44 1.22 0.00	39.98 1.24 0.00	40.10 1.24 0.00	40.76 1.23 0.00	44.23 1.25 0.00	48.44 1.32 0.00	46.16 1.21 0.00	42.36 1.11 0.00	39.19 0.99 0.00	37.23 0.77 0.00	34.80 0.72 0.00	32.83 0.61 0.00
IP CORINTH___1 23988	37.73 1.10 0.00	35.21 1.03 0.00	34.40 1.13 0.00	33.82 1.14 0.00	35.26 1.23 0.00	36.96 1.35 0.00	44.57 2.12 0.00	49.84 2.37 0.00	49.99 2.70 0.00	46.18 2.20 0.00	44.82 2.05 0.00	40.61 1.45 0.00	39.56 1.34 0.00	39.87 1.12 0.00	40.02 1.17 0.00	40.68 1.15 0.00	44.40 1.42 0.00	48.82 1.70 0.00	46.79 1.84 0.00	42.86 1.61 0.00	39.53 1.34 0.00	37.37 0.91 0.00	34.80 0.72 0.00	32.87 0.64 0.00
IP___TICONDEROGA 23804	39.08 2.45 0.00	36.55 2.36 0.00	35.63 2.36 0.00	35.06 2.39 0.00	36.62 2.59 0.00	38.45 2.85 0.00	46.61 4.16 0.00	52.03 4.56 0.00	52.35 5.06 0.00	48.16 4.18 0.00	46.79 4.02 0.00	42.45 3.29 0.00	41.20 2.98 0.00	41.61 2.87 0.00	41.69 2.84 0.00	42.42 2.89 0.00	46.38 3.40 0.00	51.04 3.91 0.00	49.04 4.09 0.00	44.79 3.55 0.00	41.25 3.06 0.00	38.80 2.33 0.00	36.09 2.01 0.00	34.06 1.84 0.00
ISLIP_RES_REC 323679	55.77 3.41 -15.74	47.75 3.04 -10.52	46.42 3.03 -10.12	46.42 2.94 -10.81	47.78 2.96 -10.79	59.39 3.24 -20.55	65.36 4.71 -18.19	69.38 5.60 -16.31	79.04 5.91 -25.84	66.88 5.50 -17.40	53.46 5.17 -5.52	52.52 4.74 -8.62	51.61 4.55 -8.84	51.43 4.73 -7.96	52.32 4.78 -8.68	53.43 4.94 -8.96	62.39 5.46 -13.95	74.66 6.08 -21.45	72.49 5.80 -21.73	64.97 5.49 -18.24	58.68 4.66 -15.83	54.09 4.19 -13.43	49.49 3.72 -11.70	45.57 3.22 -10.13

JAMAICA__27_KV_LOAD 355505	38.68 2.05 0.00	35.93 1.74 0.00	35.00 1.73 0.00	34.34 1.67 0.00	35.67 1.63 0.00	37.31 1.71 0.00	45.25 2.80 0.00	50.89 3.42 0.00	51.12 3.83 0.00	47.77 3.78 0.00	46.36 3.59 0.00	42.42 3.25 0.00	41.54 3.33 0.00	42.08 3.33 0.00	42.24 3.38 0.00	42.89 3.36 0.00	46.68 3.70 0.00	51.37 4.24 0.00	49.00 4.05 0.00	45.04 3.79 0.00	41.56 3.36 0.00	39.23 2.77 0.00	36.57 2.49 0.00	34.28 2.06 0.00
JANIS__SOLAR 323808	37.91 1.28 0.00	35.42 1.23 0.00	34.40 1.13 0.00	33.85 1.17 0.00	35.40 1.36 0.00	37.45 1.85 0.00	45.34 2.89 0.00	50.70 3.23 0.00	50.08 2.79 0.00	46.49 2.51 0.00	45.34 2.57 0.00	41.47 2.31 0.00	40.32 2.10 0.00	40.95 2.21 0.00	40.99 2.14 0.00	41.83 2.29 0.00	45.86 2.88 0.00	50.28 3.16 0.00	47.87 2.92 0.00	43.93 2.68 0.00	40.22 2.02 0.00	38.10 1.64 0.00	35.41 1.33 0.00	33.54 1.32 0.00
JARVIS____ 23743	36.81 0.18 0.00	34.36 0.17 0.00	33.44 0.17 0.00	32.84 0.16 0.00	34.20 0.17 0.00	35.85 0.25 0.00	42.92 0.47 0.00	47.99 0.52 0.00	47.86 0.57 0.00	44.51 0.53 0.00	43.24 0.47 0.00	39.60 0.43 0.00	38.64 0.42 0.00	39.17 0.43 0.00	39.33 0.47 0.00	40.01 0.48 0.00	43.32 0.34 0.00	47.50 0.38 0.00	45.31 0.36 0.00	41.58 0.33 0.00	38.43 0.23 0.00	36.64 0.18 0.00	34.25 0.17 0.00	32.35 0.13 0.00
JENNISON____1 23625	38.20 1.57 0.00	35.69 1.50 0.00	34.67 1.40 0.00	34.08 1.41 0.00	35.60 1.57 0.00	37.63 2.03 0.00	45.64 3.18 0.00	51.08 3.61 0.00	50.60 3.31 0.00	47.02 3.03 0.00	45.85 3.08 0.00	42.02 2.86 0.00	40.93 2.71 0.00	41.49 2.75 0.00	41.54 2.68 0.00	42.30 2.77 0.00	46.25 3.27 0.00	50.71 3.58 0.00	48.23 3.28 0.00	44.30 3.05 0.00	40.83 2.64 0.00	38.47 2.01 0.00	35.75 1.67 0.00	33.87 1.64 0.00
JENNISON____2 23626	38.20 1.57 0.00	35.69 1.50 0.00	34.67 1.40 0.00	34.08 1.41 0.00	35.60 1.57 0.00	37.63 2.03 0.00	45.64 3.18 0.00	51.08 3.61 0.00	50.60 3.31 0.00	47.02 3.03 0.00	45.85 3.08 0.00	42.02 2.86 0.00	40.93 2.71 0.00	41.49 2.75 0.00	41.54 2.68 0.00	42.30 2.77 0.00	46.25 3.27 0.00	50.71 3.58 0.00	48.23 3.28 0.00	44.30 3.05 0.00	40.83 2.64 0.00	38.47 2.01 0.00	35.75 1.67 0.00	33.87 1.64 0.00
JERICOHO_RISE_WT_PWR 323719	37.87 1.25 0.00	35.35 1.16 0.00	34.34 1.06 0.00	33.69 1.01 0.00	35.12 1.09 0.00	36.60 1.00 0.00	42.79 0.34 0.00	47.94 0.47 0.00	47.81 0.52 0.00	44.47 0.48 0.00	43.37 0.60 0.00	39.71 0.55 0.00	38.75 0.53 0.00	39.17 0.43 0.00	39.29 0.43 0.00	39.93 0.40 0.00	43.32 0.34 0.00	47.60 0.47 0.00	45.18 0.23 0.00	41.04 -0.21 0.00	38.27 0.08 0.00	36.50 0.04 0.00	34.05 -0.03 0.00	32.48 0.26 0.00
KATONAH__115KV_46KV_TB4 355592	38.61 1.98 0.00	35.97 1.78 0.00	35.00 1.73 0.00	34.41 1.73 0.00	35.63 1.60 0.00	37.28 1.67 0.00	45.00 2.55 0.00	50.51 3.04 0.00	50.65 3.36 0.00	47.20 3.21 0.00	45.89 3.12 0.00	41.91 2.74 0.00	40.97 2.75 0.00	41.53 2.79 0.00	41.69 2.84 0.00	42.38 2.85 0.00	46.12 3.14 0.00	50.71 3.58 0.00	48.37 3.42 0.00	44.51 3.26 0.00	41.06 2.86 0.00	38.83 2.37 0.00	36.23 2.15 0.00	34.09 1.87 0.00
KCE_NY_1 323755	38.31 1.69 0.00	35.76 1.57 0.00	34.84 1.56 0.00	34.24 1.57 0.00	35.67 1.63 0.00	37.38 1.78 0.00	44.96 2.50 0.00	50.27 2.80 0.00	50.27 2.98 0.00	46.53 2.55 0.00	45.16 2.39 0.00	41.20 2.04 0.00	40.13 1.91 0.00	40.68 1.94 0.00	40.84 1.98 0.00	41.55 2.02 0.00	45.26 2.28 0.00	49.67 2.54 0.00	47.56 2.61 0.00	43.60 2.35 0.00	40.14 1.95 0.00	38.14 1.68 0.00	35.62 1.54 0.00	33.61 1.38 0.00
KCE_NY_6_ESR 323823	34.14 -2.49 0.00	31.97 -2.22 0.00	31.01 -2.26 0.00	30.45 -2.22 0.00	31.92 -2.11 0.00	34.07 -1.53 0.00	40.88 -1.57 0.00	44.34 -3.13 0.00	43.55 -3.74 0.00	40.82 -3.17 0.00	40.25 -2.52 0.00	37.01 -2.15 0.00	36.00 -2.22 0.00	36.38 -2.36 0.00	36.02 -2.83 0.00	36.73 -2.81 0.00	40.14 -2.84 0.00	43.35 -3.77 0.00	41.35 -3.60 0.00	38.15 -3.09 0.00	34.53 -3.67 0.00	32.78 -3.68 0.00	30.81 -3.27 0.00	29.77 -2.45 0.00
KEDC PORT_JEFF_GT2 24210	55.59 3.22 -15.74	47.58 2.87 -10.52	46.25 2.86 -10.12	46.26 2.78 -10.81	47.58 2.76 -10.79	59.18 3.02 -20.55	65.06 4.41 -18.19	69.00 5.22 -16.31	78.61 5.48 -25.84	66.53 5.14 -17.40	53.08 4.79 -5.52	52.17 4.39 -8.62	51.34 4.28 -8.84	51.16 4.45 -7.96	52.04 4.51 -8.68	53.11 4.62 -8.96	62.00 5.07 -13.95	74.09 5.51 -21.45	71.94 5.26 -21.73	64.64 5.16 -18.24	58.42 4.39 -15.83	53.84 3.94 -13.43	49.29 3.51 -11.70	45.41 3.06 -10.13
KEDC PORT_JEFF_GT3 24211	55.59 3.22 -15.74	47.58 2.87 -10.52	46.25 2.86 -10.12	46.26 2.78 -10.81	47.58 2.76 -10.79	59.18 3.02 -20.55	65.06 4.41 -18.19	69.00 5.22 -16.31	78.61 5.48 -25.84	66.53 5.14 -17.40	53.08 4.79 -5.52	52.17 4.39 -8.62	51.34 4.28 -8.84	51.16 4.45 -7.96	52.04 4.51 -8.68	53.11 4.62 -8.96	62.00 5.07 -13.95	74.09 5.51 -21.45	71.94 5.26 -21.73	64.64 5.16 -18.24	58.42 4.39 -15.83	53.84 3.94 -13.43	49.29 3.51 -11.70	45.41 3.06 -10.13
KEDC_GLWD_GT4 24219	54.89 2.53 -15.74	46.97 2.26 -10.52	45.65 2.26 -10.12	45.67 2.19 -10.81	47.00 2.18 -10.79	58.47 2.31 -20.55	63.70 3.06 -18.19	67.43 3.66 -16.31	77.05 3.92 -25.83	65.16 3.78 -17.39	51.84 3.55 -5.52	51.07 3.29 -8.62	50.31 3.25 -8.84	50.12 3.41 -7.96	50.96 3.42 -8.68	51.93 3.44 -8.96	60.58 3.65 -13.95	72.72 4.15 -21.45	70.64 3.96 -21.73	63.24 3.75 -18.24	57.16 3.13 -15.83	52.70 2.81 -13.43	48.47 2.69 -11.70	44.83 2.48 -10.13
KEDC_GLWD_GT5 24220	54.89 2.53 -15.74	46.97 2.26 -10.52	45.65 2.26 -10.12	45.67 2.19 -10.81	47.00 2.18 -10.79	58.47 2.31 -20.55	63.70 3.06 -18.19	67.43 3.66 -16.31	77.05 3.92 -25.83	65.16 3.78 -17.39	51.84 3.55 -5.52	51.07 3.29 -8.62	50.31 3.25 -8.84	50.12 3.41 -7.96	50.96 3.42 -8.68	51.93 3.44 -8.96	60.58 3.65 -13.95	72.72 4.15 -21.45	70.64 3.96 -21.73	63.24 3.75 -18.24	57.16 3.13 -15.83	52.70 2.81 -13.43	48.47 2.69 -11.70	44.83 2.48 -10.13
KENSICO____ 23655	38.39 1.76 0.00	35.76 1.57 0.00	34.84 1.56 0.00	34.21 1.54 0.00	35.50 1.46 0.00	37.13 1.53 0.00	44.87 2.42 0.00	50.37 2.90 0.00	50.46 3.17 0.00	47.06 3.08 0.00	45.68 2.91 0.00	41.79 2.62 0.00	40.90 2.68 0.00	41.46 2.71 0.00	41.62 2.76 0.00	42.26 2.73 0.00	45.95 2.97 0.00	50.52 3.39 0.00	48.19 3.24 0.00	44.34 3.09 0.00	40.91 2.71 0.00	38.72 2.26 0.00	36.16 2.08 0.00	33.99 1.77 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.42 1.79 0.00	35.76 1.57 0.00	34.87 1.60 0.00	34.21 1.54 0.00	35.46 1.43 0.00	37.17 1.57 0.00	44.96 2.50 0.00	50.27 2.80 0.00	50.46 3.17 0.00	46.98 2.99 0.00	45.55 2.78 0.00	41.59 2.43 0.00	40.25 2.03 0.00	40.76 2.01 0.00	40.99 2.14 0.00	41.71 2.17 0.00	45.52 2.54 0.00	50.05 2.92 0.00	47.83 2.88 0.00	43.93 2.68 0.00	40.83 2.64 0.00	38.72 2.26 0.00	36.06 1.98 0.00	33.90 1.68 0.00

KIAC_JFK_GT1 23816	38.57 1.94 0.00	35.83 1.64 0.00	34.90 1.63 0.00	34.24 1.57 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.13 2.67 0.00	50.75 3.28 0.00	50.98 3.69 0.00	47.64 3.65 0.00	46.19 3.42 0.00	42.26 3.09 0.00	41.39 3.17 0.00	41.96 3.22 0.00	42.12 3.26 0.00	42.74 3.20 0.00	46.51 3.52 0.00	51.18 4.05 0.00	48.82 3.87 0.00	44.88 3.63 0.00	41.41 3.21 0.00	39.12 2.66 0.00	36.47 2.39 0.00	34.19 1.97 0.00
KIAC_JFK_GT2 23817	38.57 1.94 0.00	35.83 1.64 0.00	34.90 1.63 0.00	34.24 1.57 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.13 2.67 0.00	50.75 3.28 0.00	50.98 3.69 0.00	47.64 3.65 0.00	46.19 3.42 0.00	42.26 3.09 0.00	41.39 3.17 0.00	41.96 3.22 0.00	42.12 3.26 0.00	42.74 3.20 0.00	46.51 3.52 0.00	51.18 4.05 0.00	48.82 3.87 0.00	44.88 3.63 0.00	41.41 3.21 0.00	39.12 2.66 0.00	36.47 2.39 0.00	34.19 1.97 0.00
KIAC_JFK____ 323774	38.57 1.94 0.00	35.83 1.64 0.00	34.93 1.66 0.00	34.24 1.57 0.00	35.57 1.53 0.00	37.21 1.60 0.00	45.13 2.68 0.00	50.79 3.32 0.00	51.03 3.74 0.00	47.63 3.65 0.00	46.15 3.38 0.00	42.30 3.13 0.00	41.35 3.13 0.00	42.03 3.29 0.00	42.16 3.30 0.00	42.86 3.32 0.00	46.51 3.53 0.00	51.18 4.05 0.00	48.82 3.87 0.00	44.88 3.63 0.00	41.25 3.06 0.00	39.12 2.66 0.00	36.47 2.38 0.00	34.19 1.97 0.00
KINTIGH____ 23543	33.51 -3.11 0.00	31.35 -2.84 0.00	30.48 -2.79 0.00	29.90 -2.78 0.00	31.31 -2.72 0.00	33.33 -2.28 0.00	39.90 -2.55 0.00	43.63 -3.85 0.00	42.94 -4.35 0.00	40.11 -3.87 0.00	39.31 -3.46 0.00	36.23 -2.94 0.00	35.39 -2.83 0.00	35.92 -2.83 0.00	35.55 -3.30 0.00	36.37 -3.16 0.00	39.46 -3.52 0.00	42.55 -4.57 0.00	40.73 -4.23 0.00	37.58 -3.67 0.00	34.72 -3.48 0.00	32.49 -3.97 0.00	30.54 -3.54 0.00	29.29 -2.93 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.50 1.87 0.00	35.97 1.78 0.00	34.94 1.66 0.00	34.24 1.57 0.00	35.73 1.70 0.00	37.28 1.67 0.00	43.51 1.06 0.00	48.80 1.33 0.00	48.61 1.32 0.00	45.22 1.23 0.00	44.14 1.37 0.00	40.42 1.25 0.00	39.29 1.07 0.00	39.79 1.05 0.00	39.91 1.05 0.00	40.60 1.07 0.00	44.01 1.03 0.00	48.49 1.37 0.00	45.98 1.03 0.00	41.74 0.49 0.00	38.62 0.42 0.00	37.01 0.55 0.00	34.49 0.41 0.00	33.00 0.77 0.00
LACHUTE____HYDRO 323717	39.08 2.45 0.00	36.55 2.36 0.00	35.63 2.36 0.00	35.06 2.38 0.00	36.62 2.59 0.00	38.45 2.85 0.00	46.61 4.16 0.00	52.07 4.60 0.00	52.40 5.11 0.00	48.21 4.22 0.00	46.79 4.02 0.00	42.45 3.29 0.00	41.16 2.94 0.00	41.65 2.91 0.00	41.73 2.88 0.00	42.42 2.88 0.00	46.42 3.44 0.00	51.03 3.91 0.00	49.04 4.09 0.00	44.80 3.55 0.00	41.14 2.94 0.00	38.80 2.34 0.00	36.09 2.01 0.00	34.06 1.84 0.00
LAWRNCALV_115KV_TB1 80681	36.66 0.04 0.00	34.26 0.07 0.00	33.30 0.03 0.00	32.67 0.00 0.00	34.07 0.03 0.00	35.18 -0.43 0.00	41.35 -1.10 0.00	46.43 -1.04 0.00	46.30 -0.99 0.00	43.11 -0.88 0.00	41.96 -0.81 0.00	38.38 -0.78 0.00	37.38 -0.84 0.00	37.85 -0.89 0.00	38.00 -0.85 0.00	38.63 -0.91 0.00	41.99 -0.99 0.00	46.09 -1.04 0.00	43.83 -1.12 0.00	40.05 -1.20 0.00	37.17 -1.03 0.00	35.81 -0.66 0.00	33.54 -0.55 0.00	32.00 -0.23 0.00
LEDERLE____ 23769	38.24 1.61 0.00	35.63 1.44 0.00	34.74 1.46 0.00	34.08 1.41 0.00	35.36 1.33 0.00	36.99 1.39 0.00	44.66 2.21 0.00	50.08 2.61 0.00	50.22 2.93 0.00	46.80 2.82 0.00	45.46 2.69 0.00	41.59 2.43 0.00	40.67 2.45 0.00	41.22 2.48 0.00	41.38 2.53 0.00	42.02 2.49 0.00	45.69 2.71 0.00	50.23 3.11 0.00	47.96 3.01 0.00	44.09 2.85 0.00	40.68 2.48 0.00	38.54 2.08 0.00	35.99 1.91 0.00	33.87 1.64 0.00
LIGHTHSE_115KV_TB6 355974	35.24 -1.39 0.00	32.89 -1.30 0.00	31.97 -1.30 0.00	31.40 -1.27 0.00	32.77 -1.26 0.00	34.46 -1.14 0.00	41.43 -1.02 0.00	46.38 -1.09 0.00	46.11 -1.18 0.00	42.97 -1.01 0.00	41.83 -0.94 0.00	38.26 -0.90 0.00	37.34 -0.88 0.00	37.85 -0.89 0.00	37.92 -0.93 0.00	38.66 -0.87 0.00	42.12 -0.86 0.00	46.09 -1.04 0.00	43.87 -1.08 0.00	40.22 -1.03 0.00	37.17 -1.03 0.00	35.29 -1.17 0.00	32.89 -1.19 0.00	31.06 -1.16 0.00
LINDEN COGEN____ 23786	38.34 1.72 0.01	35.65 1.47 0.01	34.73 1.46 0.01	34.07 1.40 0.01	35.39 1.36 0.01	36.98 1.39 0.01	44.78 2.33 0.01	50.36 2.90 0.01	50.55 3.26 0.00	47.19 3.21 0.00	45.72 2.95 0.00	41.95 2.78 0.00	40.97 2.75 0.00	41.65 2.91 0.00	41.77 2.92 0.00	42.46 2.93 0.00	46.08 3.10 0.00	50.56 3.44 0.00	48.23 3.28 0.00	44.42 3.18 0.00	40.80 2.60 0.00	38.80 2.34 0.00	36.20 2.11 0.00	33.96 1.74 0.00
LINDHRST_69_KV_BK1 356055	55.41 3.04 -15.74	47.41 2.70 -10.52	46.08 2.69 -10.12	46.09 2.61 -10.81	47.44 2.62 -10.79	58.97 2.81 -20.55	64.76 4.12 -18.19	68.62 4.84 -16.31	78.24 5.11 -25.84	66.18 4.79 -17.40	52.87 4.58 -5.52	51.93 4.15 -8.62	51.19 4.13 -8.84	50.89 4.18 -7.96	51.77 4.24 -8.68	52.80 4.31 -8.96	61.70 4.77 -13.95	73.90 5.33 -21.45	71.81 5.12 -21.73	64.31 4.83 -18.24	58.30 4.28 -15.83	53.58 3.68 -13.43	49.08 3.31 -11.70	45.22 2.87 -10.13
LIPA_MISC_IPP 23656	55.55 3.19 -15.74	47.55 2.84 -10.52	46.25 2.86 -10.12	46.26 2.78 -10.81	47.58 2.76 -10.79	59.18 3.03 -20.55	65.06 4.41 -18.19	69.00 5.22 -16.31	78.66 5.53 -25.84	66.53 5.15 -17.40	53.17 4.88 -5.52	52.17 4.39 -8.62	51.38 4.32 -8.84	51.08 4.38 -7.96	52.01 4.47 -8.68	53.04 4.55 -8.96	62.04 5.11 -13.95	74.28 5.70 -21.45	72.12 5.44 -21.73	64.68 5.20 -18.24	58.61 4.58 -15.83	53.83 3.94 -13.43	49.29 3.51 -11.70	45.38 3.03 -10.13
LISF____SOLAR 323691	55.62 3.26 -15.74	47.58 2.87 -10.52	46.32 2.93 -10.12	46.32 2.84 -10.81	47.61 2.79 -10.79	59.25 3.10 -20.55	65.14 4.50 -18.19	69.14 5.36 -16.31	78.76 5.62 -25.84	66.61 5.23 -17.40	53.21 4.92 -5.52	52.25 4.46 -8.62	51.38 4.32 -8.84	51.20 4.49 -7.96	52.08 4.54 -8.68	53.19 4.70 -8.96	62.13 5.20 -13.95	74.42 5.84 -21.45	72.26 5.57 -21.73	64.77 5.28 -18.24	58.53 4.51 -15.83	53.91 4.01 -13.43	49.36 3.58 -11.70	45.44 3.09 -10.13
LITTLE FALLS____HYD 24013	37.25 0.62 0.00	34.80 0.62 0.00	33.87 0.60 0.00	33.30 0.62 0.00	34.71 0.68 0.00	36.42 0.82 0.00	43.68 1.23 0.00	48.94 1.47 0.00	48.80 1.51 0.00	45.39 1.41 0.00	44.14 1.37 0.00	40.42 1.25 0.00	39.44 1.22 0.00	39.98 1.24 0.00	40.10 1.24 0.00	40.76 1.23 0.00	44.23 1.25 0.00	48.44 1.32 0.00	46.16 1.21 0.00	42.36 1.11 0.00	39.19 0.99 0.00	37.23 0.77 0.00	34.80 0.72 0.00	32.83 0.61 0.00
LITTLRIV_115KV_TB1 356100	37.03 0.40 0.00	34.60 0.41 0.00	33.64 0.37 0.00	33.00 0.33 0.00	34.41 0.37 0.00	35.57 -0.04 0.00	41.90 -0.55 0.00	47.19 -0.28 0.00	47.05 -0.24 0.00	43.76 -0.22 0.00	42.64 -0.13 0.00	38.93 -0.23 0.00	37.91 -0.31 0.00	38.39 -0.35 0.00	38.55 -0.31 0.00	39.14 -0.40 0.00	42.59 -0.39 0.00	46.75 -0.38 0.00	44.41 -0.54 0.00	40.59 -0.66 0.00	37.70 -0.50 0.00	36.32 -0.15 0.00	33.95 -0.14 0.00	32.35 0.13 0.00

LI_NEWBRDGE___DRP 323616	54.67 2.31 -15.74	46.76 2.05 -10.52	45.42 2.03 -10.12	45.47 1.99 -10.81	46.76 1.94 -10.79	58.22 2.07 -20.55	63.70 3.06 -18.19	67.34 3.56 -16.31	77.01 3.88 -25.84	65.12 3.74 -17.40	51.84 3.55 -5.52	50.99 3.21 -8.62	50.31 3.25 -8.84	50.00 3.29 -7.96	50.88 3.34 -8.68	51.81 3.32 -8.96	60.54 3.61 -13.95	72.63 4.05 -21.45	70.55 3.87 -21.73	63.16 3.67 -18.24	57.31 3.28 -15.83	52.67 2.77 -13.43	48.33 2.56 -11.70	44.57 2.22 -10.13
LOCKPORT_115KV_TB60_63_64 80432	33.40 -3.22 0.00	31.32 -2.87 0.00	30.38 -2.89 0.00	29.80 -2.88 0.00	31.24 -2.79 0.00	33.36 -2.24 0.00	39.90 -2.55 0.00	43.39 -4.08 0.00	42.61 -4.68 0.00	39.81 -4.18 0.00	39.09 -3.68 0.00	36.07 -3.09 0.00	35.24 -2.98 0.00	35.80 -2.94 0.00	35.32 -3.54 0.00	36.13 -3.40 0.00	39.24 -3.74 0.00	42.18 -4.95 0.00	40.32 -4.63 0.00	37.21 -4.04 0.00	34.38 -3.82 0.00	32.01 -4.45 0.00	30.13 -3.95 0.00	29.06 -3.16 0.00
LOCKPORT___CC1 323769	33.40 -3.22 0.00	31.32 -2.87 0.00	30.34 -2.93 0.00	29.80 -2.88 0.00	31.24 -2.79 0.00	33.36 -2.24 0.00	39.91 -2.55 0.00	43.20 -4.27 0.00	42.42 -4.87 0.00	39.76 -4.22 0.00	39.18 -3.59 0.00	36.07 -3.09 0.00	35.09 -3.13 0.00	35.41 -3.33 0.00	35.09 -3.77 0.00	35.78 -3.76 0.00	39.20 -3.78 0.00	42.18 -4.95 0.00	40.28 -4.68 0.00	37.21 -4.04 0.00	33.69 -4.51 0.00	32.01 -4.45 0.00	30.16 -3.92 0.00	29.10 -3.13 0.00
LOCKPORT___CC2 323770	33.40 -3.22 0.00	31.32 -2.87 0.00	30.34 -2.93 0.00	29.80 -2.88 0.00	31.24 -2.79 0.00	33.36 -2.24 0.00	39.91 -2.55 0.00	43.20 -4.27 0.00	42.42 -4.87 0.00	39.76 -4.22 0.00	39.18 -3.59 0.00	36.07 -3.09 0.00	35.09 -3.13 0.00	35.41 -3.33 0.00	35.09 -3.77 0.00	35.78 -3.76 0.00	39.20 -3.78 0.00	42.18 -4.95 0.00	40.28 -4.68 0.00	37.21 -4.04 0.00	33.69 -4.51 0.00	32.01 -4.45 0.00	30.16 -3.92 0.00	29.10 -3.13 0.00
LOCKPORT___CC3 323771	33.40 -3.22 0.00	31.32 -2.87 0.00	30.34 -2.93 0.00	29.80 -2.88 0.00	31.24 -2.79 0.00	33.36 -2.24 0.00	39.91 -2.55 0.00	43.20 -4.27 0.00	42.42 -4.87 0.00	39.76 -4.22 0.00	39.18 -3.59 0.00	36.07 -3.09 0.00	35.09 -3.13 0.00	35.41 -3.33 0.00	35.09 -3.77 0.00	35.78 -3.76 0.00	39.20 -3.78 0.00	42.18 -4.95 0.00	40.28 -4.68 0.00	37.21 -4.04 0.00	33.69 -4.51 0.00	32.01 -4.45 0.00	30.16 -3.92 0.00	29.10 -3.13 0.00
LONG_LAKE_PHOENIX 24014	35.42 -1.21 0.00	33.06 -1.13 0.00	32.14 -1.13 0.00	31.60 -1.08 0.00	32.98 -1.06 0.00	34.64 -0.96 0.00	41.56 -0.89 0.00	46.38 -1.09 0.00	46.11 -1.18 0.00	42.93 -1.06 0.00	41.79 -0.98 0.00	38.26 -0.90 0.00	37.34 -0.88 0.00	37.89 -0.85 0.00	37.92 -0.93 0.00	38.63 -0.91 0.00	41.99 -0.99 0.00	45.99 -1.13 0.00	43.87 -1.08 0.00	40.26 -0.99 0.00	37.20 -0.99 0.00	35.33 -1.13 0.00	32.96 -1.12 0.00	31.19 -1.03 0.00
LOVETT___3 23632	38.09 1.47 0.00	35.49 1.30 0.00	34.60 1.33 0.00	33.95 1.27 0.00	35.22 1.19 0.00	36.85 1.25 0.00	44.45 2.00 0.00	49.89 2.42 0.00	49.99 2.70 0.00	46.58 2.60 0.00	45.25 2.48 0.00	41.40 2.23 0.00	40.47 2.25 0.00	41.03 2.29 0.00	41.19 2.33 0.00	41.83 2.29 0.00	45.47 2.49 0.00	50.00 2.87 0.00	47.74 2.79 0.00	43.89 2.64 0.00	40.49 2.29 0.00	38.39 1.93 0.00	35.82 1.74 0.00	33.74 1.51 0.00
LOVETT___4 23642	38.09 1.47 0.00	35.49 1.30 0.00	34.60 1.33 0.00	33.95 1.27 0.00	35.22 1.19 0.00	36.85 1.25 0.00	44.45 2.00 0.00	49.89 2.42 0.00	49.99 2.70 0.00	46.58 2.60 0.00	45.25 2.48 0.00	41.40 2.23 0.00	40.47 2.25 0.00	41.03 2.29 0.00	41.19 2.33 0.00	41.83 2.29 0.00	45.47 2.49 0.00	50.00 2.87 0.00	47.74 2.79 0.00	43.89 2.64 0.00	40.49 2.29 0.00	38.39 1.93 0.00	35.82 1.74 0.00	33.74 1.51 0.00
LOVETT___5 23593	38.09 1.47 0.00	35.49 1.30 0.00	34.60 1.33 0.00	33.95 1.27 0.00	35.22 1.19 0.00	36.85 1.25 0.00	44.45 2.00 0.00	49.89 2.42 0.00	49.99 2.70 0.00	46.58 2.60 0.00	45.25 2.48 0.00	41.40 2.23 0.00	40.47 2.25 0.00	41.03 2.29 0.00	41.19 2.33 0.00	41.83 2.29 0.00	45.47 2.49 0.00	50.00 2.87 0.00	47.74 2.79 0.00	43.89 2.64 0.00	40.49 2.29 0.00	38.39 1.93 0.00	35.82 1.74 0.00	33.74 1.51 0.00
LOWER RAQUET___HYD 24057	36.55 -0.07 0.00	34.16 -0.03 0.00	33.21 -0.07 0.00	32.58 -0.10 0.00	33.96 -0.07 0.00	35.03 -0.57 0.00	41.13 -1.32 0.00	46.24 -1.23 0.00	46.11 -1.18 0.00	42.93 -1.06 0.00	41.79 -0.98 0.00	38.22 -0.94 0.00	37.30 -0.92 0.00	37.70 -1.04 0.00	37.85 -1.01 0.00	38.47 -1.07 0.00	41.82 -1.16 0.00	45.90 -1.23 0.00	43.65 -1.31 0.00	39.85 -1.40 0.00	37.24 -0.95 0.00	35.62 -0.84 0.00	33.40 -0.68 0.00	31.90 -0.32 0.00
LOWER___HUDSON 24059	38.17 1.54 0.00	35.62 1.44 0.00	34.67 1.40 0.00	34.05 1.37 0.00	35.46 1.43 0.00	37.13 1.53 0.00	44.57 2.12 0.00	49.84 2.37 0.00	49.70 2.41 0.00	46.10 2.11 0.00	44.70 1.93 0.00	40.85 1.68 0.00	39.79 1.57 0.00	40.41 1.66 0.00	40.65 1.79 0.00	41.31 1.78 0.00	44.92 1.94 0.00	49.34 2.22 0.00	47.15 2.20 0.00	43.31 2.06 0.00	39.92 1.72 0.00	37.99 1.53 0.00	35.58 1.50 0.00	33.57 1.35 0.00
LOWVILLE_115KV_TB2 356335	36.15 -0.48 0.00	33.74 -0.44 0.00	32.77 -0.50 0.00	32.12 -0.56 0.00	33.56 -0.48 0.00	35.25 -0.36 0.00	42.41 -0.04 0.00	47.71 0.24 0.00	47.53 0.24 0.00	44.60 0.62 0.00	43.37 0.60 0.00	39.63 0.47 0.00	38.60 0.38 0.00	39.09 0.35 0.00	39.25 0.39 0.00	40.01 0.47 0.00	43.58 0.60 0.00	47.41 0.28 0.00	44.91 -0.04 0.00	41.04 -0.21 0.00	37.82 -0.38 0.00	35.95 -0.51 0.00	33.47 -0.61 0.00	31.61 -0.61 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.31 1.68 0.00	35.76 1.57 0.00	34.84 1.56 0.00	34.21 1.54 0.00	35.63 1.60 0.00	37.35 1.74 0.00	44.91 2.46 0.00	50.22 2.75 0.00	50.22 2.93 0.00	46.49 2.51 0.00	45.12 2.35 0.00	41.16 2.00 0.00	40.13 1.91 0.00	40.60 1.86 0.00	40.80 1.94 0.00	41.47 1.94 0.00	45.22 2.24 0.00	49.62 2.50 0.00	47.51 2.56 0.00	43.56 2.31 0.00	40.22 2.02 0.00	38.10 1.64 0.00	35.58 1.50 0.00	33.58 1.35 0.00
LUTHERNY_35_KV_BK2 355980	38.31 1.68 0.00	35.76 1.57 0.00	34.84 1.56 0.00	34.24 1.57 0.00	35.67 1.63 0.00	37.38 1.78 0.00	44.96 2.50 0.00	50.22 2.75 0.00	50.27 2.98 0.00	46.54 2.55 0.00	45.16 2.40 0.00	41.20 2.04 0.00	40.17 1.95 0.00	40.64 1.90 0.00	40.80 1.94 0.00	41.51 1.98 0.00	45.22 2.24 0.00	49.67 2.54 0.00	47.56 2.61 0.00	43.60 2.35 0.00	40.26 2.06 0.00	38.14 1.68 0.00	35.62 1.53 0.00	33.61 1.39 0.00
LWR___OSWEGATCHIE_HYD 23850	35.90 -0.73 0.00	33.54 -0.65 0.00	32.57 -0.70 0.00	31.96 -0.72 0.00	33.32 -0.71 0.00	34.68 -0.93 0.00	41.22 -1.23 0.00	46.38 -1.09 0.00	46.25 -1.04 0.00	43.19 -0.79 0.00	42.00 -0.77 0.00	38.38 -0.78 0.00	37.38 -0.84 0.00	37.89 -0.85 0.00	38.04 -0.82 0.00	38.70 -0.83 0.00	42.16 -0.82 0.00	46.09 -1.04 0.00	43.74 -1.21 0.00	39.97 -1.28 0.00	36.98 -1.22 0.00	35.37 -1.09 0.00	33.03 -1.06 0.00	31.38 -0.84 0.00

LYONS_FALL_HYD 23570	36.63 0.00 0.00	34.22 0.03 0.00	33.24 -0.03 0.00	32.61 -0.07 0.00	34.03 0.00 0.00	35.78 0.18 0.00	43.05 0.59 0.00	48.37 0.90 0.00	48.19 0.90 0.00	45.04 1.05 0.00	43.84 1.07 0.00	40.07 0.90 0.00	39.02 0.80 0.00	39.56 0.81 0.00	39.67 0.82 0.00	40.40 0.87 0.00	44.01 1.03 0.00	47.97 0.85 0.00	45.53 0.58 0.00	41.70 0.45 0.00	38.43 0.23 0.00	36.53 0.07 0.00	34.01 -0.07 0.00	32.13 -0.10 0.00
MADISON___COUNTY_LFGE 323628	37.29 0.66 0.00	34.84 0.65 0.00	33.87 0.60 0.00	33.30 0.62 0.00	34.75 0.71 0.00	36.60 1.00 0.00	44.11 1.66 0.00	49.37 1.90 0.00	49.13 1.84 0.00	45.74 1.76 0.00	44.52 1.75 0.00	40.73 1.57 0.00	39.71 1.49 0.00	40.22 1.47 0.00	40.29 1.44 0.00	41.08 1.54 0.00	44.61 1.63 0.00	48.77 1.65 0.00	46.39 1.44 0.00	42.57 1.32 0.00	39.31 1.11 0.00	37.23 0.77 0.00	34.70 0.61 0.00	32.80 0.58 0.00
MALONE___115KV_TB1 356076	38.06 1.43 0.00	35.52 1.33 0.00	34.54 1.26 0.00	33.85 1.18 0.00	35.33 1.29 0.00	36.74 1.14 0.00	43.05 0.59 0.00	48.32 0.85 0.00	48.14 0.85 0.00	44.78 0.79 0.00	43.71 0.94 0.00	40.03 0.86 0.00	38.95 0.73 0.00	39.44 0.70 0.00	39.56 0.70 0.00	40.25 0.71 0.00	43.67 0.69 0.00	48.02 0.90 0.00	45.54 0.58 0.00	41.41 0.16 0.00	38.35 0.15 0.00	36.79 0.33 0.00	34.32 0.24 0.00	32.74 0.52 0.00
MAPLEWOD_115KV_TB3 80458	38.20 1.57 0.00	35.66 1.47 0.00	34.70 1.43 0.00	34.08 1.41 0.00	35.50 1.46 0.00	37.17 1.57 0.00	44.53 2.08 0.00	49.80 2.33 0.00	49.75 2.46 0.00	46.05 2.07 0.00	44.69 1.92 0.00	40.93 1.76 0.00	39.94 1.72 0.00	40.49 1.74 0.00	40.68 1.83 0.00	41.39 1.86 0.00	45.00 2.02 0.00	49.43 2.31 0.00	47.24 2.29 0.00	43.35 2.10 0.00	40.11 1.91 0.00	38.10 1.64 0.00	35.72 1.64 0.00	33.70 1.48 0.00
MAPLE_RIDGE_WT_1 323574	36.33 -0.29 0.00	33.91 -0.27 0.00	33.04 -0.23 0.00	32.45 -0.23 0.00	33.83 -0.20 0.00	35.32 -0.29 0.00	41.94 -0.51 0.00	47.00 -0.47 0.00	46.91 -0.38 0.00	43.68 -0.31 0.00	42.51 -0.26 0.00	38.93 -0.23 0.00	38.03 -0.19 0.00	38.51 -0.23 0.00	38.63 -0.23 0.00	39.26 -0.27 0.00	42.59 -0.39 0.00	46.65 -0.47 0.00	44.41 -0.54 0.00	40.67 -0.58 0.00	37.74 -0.46 0.00	36.03 -0.44 0.00	33.60 -0.48 0.00	31.77 -0.45 0.00
MAPLE_RIDGE_WT_2 323611	36.33 -0.29 0.00	33.91 -0.27 0.00	33.04 -0.23 0.00	32.45 -0.23 0.00	33.83 -0.20 0.00	35.32 -0.29 0.00	41.94 -0.51 0.00	47.00 -0.47 0.00	46.91 -0.38 0.00	43.68 -0.31 0.00	42.51 -0.26 0.00	38.93 -0.23 0.00	38.03 -0.19 0.00	38.51 -0.23 0.00	38.63 -0.23 0.00	39.26 -0.27 0.00	42.59 -0.39 0.00	46.65 -0.47 0.00	44.41 -0.54 0.00	40.67 -0.58 0.00	37.74 -0.46 0.00	36.03 -0.44 0.00	33.60 -0.48 0.00	31.77 -0.45 0.00
MARBLE_RIVER_WT_PWR 323696	37.94 1.32 0.00	35.42 1.23 0.00	34.40 1.13 0.00	33.75 1.08 0.00	35.19 1.16 0.00	36.67 1.07 0.00	42.88 0.42 0.00	48.04 0.57 0.00	47.90 0.61 0.00	44.56 0.57 0.00	43.45 0.68 0.00	39.79 0.62 0.00	38.79 0.57 0.00	39.25 0.50 0.00	39.36 0.50 0.00	40.01 0.48 0.00	43.37 0.39 0.00	47.69 0.57 0.00	45.27 0.32 0.00	41.12 -0.12 0.00	38.27 0.08 0.00	36.50 0.04 0.00	34.05 -0.03 0.00	32.51 0.29 0.00
MARSHVLE_115KV_TB1 80742	38.28 1.65 0.00	35.76 1.57 0.00	34.80 1.53 0.00	34.21 1.54 0.00	35.73 1.70 0.00	37.60 1.99 0.00	45.55 3.10 0.00	50.94 3.47 0.00	50.93 3.64 0.00	47.02 3.03 0.00	45.72 2.95 0.00	41.79 2.62 0.00	40.74 2.52 0.00	41.30 2.56 0.00	41.38 2.53 0.00	42.18 2.65 0.00	46.16 3.18 0.00	50.80 3.68 0.00	48.59 3.64 0.00	44.46 3.22 0.00	40.95 2.75 0.00	38.61 2.15 0.00	35.85 1.77 0.00	33.80 1.58 0.00
MARSH_HILL_WT_PWR 323713	35.71 -0.91 0.00	33.47 -0.72 0.00	32.57 -0.70 0.00	32.05 -0.62 0.00	33.59 -0.44 0.00	35.75 0.14 0.00	43.00 0.55 0.00	47.33 -0.14 0.00	46.58 -0.71 0.00	43.50 -0.48 0.00	42.73 -0.04 0.00	39.16 0.00 0.00	38.14 -0.08 0.00	38.63 -0.12 0.00	38.39 -0.46 0.00	39.14 -0.40 0.00	42.72 -0.26 0.00	46.46 -0.66 0.00	44.23 -0.72 0.00	40.55 -0.70 0.00	36.82 -1.37 0.00	34.86 -1.60 0.00	32.48 -1.60 0.00	31.06 -1.16 0.00
MCINTYRE_115KV_TB2 80467	37.29 0.66 0.00	34.84 0.65 0.00	33.87 0.60 0.00	33.26 0.59 0.00	34.71 0.68 0.00	35.96 0.36 0.00	42.41 -0.04 0.00	47.71 0.24 0.00	47.53 0.24 0.00	44.20 0.22 0.00	43.11 0.34 0.00	39.36 0.20 0.00	38.33 0.11 0.00	38.82 0.08 0.00	38.97 0.12 0.00	39.57 0.04 0.00	43.07 0.09 0.00	47.27 0.14 0.00	44.95 0.00 0.00	41.12 -0.12 0.00	38.20 0.00 0.00	36.79 0.33 0.00	34.39 0.31 0.00	32.67 0.45 0.00
MECO_____69_KV_BK1 80468	40.07 3.44 0.00	37.47 3.28 0.00	36.40 3.13 0.00	35.81 3.14 0.00	37.50 3.47 0.00	39.52 3.92 0.00	47.97 5.52 0.00	53.36 5.89 0.00	53.44 6.15 0.00	49.04 5.06 0.00	47.69 4.92 0.00	43.51 4.35 0.00	42.50 4.28 0.00	43.01 4.26 0.00	43.05 4.20 0.00	44.04 4.51 0.00	48.27 5.29 0.00	53.20 6.08 0.00	51.06 6.11 0.00	46.57 5.32 0.00	42.82 4.62 0.00	40.22 3.76 0.00	37.32 3.24 0.00	35.22 3.00 0.00
MENANDS___115KV_TB5 355628	38.09 1.47 0.00	35.59 1.40 0.00	34.64 1.36 0.00	34.01 1.34 0.00	35.39 1.36 0.00	37.06 1.46 0.00	44.36 1.91 0.00	49.61 2.14 0.00	49.09 1.80 0.00	45.44 1.45 0.00	44.05 1.28 0.00	40.46 1.29 0.00	39.48 1.26 0.00	40.02 1.28 0.00	40.26 1.40 0.00	40.92 1.38 0.00	44.36 1.38 0.00	48.73 1.60 0.00	46.57 1.62 0.00	42.77 1.53 0.00	39.65 1.45 0.00	37.74 1.28 0.00	35.55 1.47 0.00	33.58 1.35 0.00
MG INDUSTRY___DRP 24185	38.06 1.43 0.00	35.56 1.37 0.00	34.60 1.33 0.00	33.98 1.31 0.00	35.39 1.36 0.00	37.03 1.42 0.00	44.32 1.87 0.00	49.51 2.04 0.00	49.09 1.80 0.00	45.44 1.45 0.00	44.10 1.33 0.00	40.46 1.29 0.00	39.48 1.26 0.00	40.02 1.28 0.00	40.22 1.36 0.00	40.88 1.34 0.00	44.40 1.42 0.00	48.73 1.60 0.00	46.57 1.62 0.00	42.77 1.53 0.00	39.61 1.41 0.00	37.70 1.24 0.00	35.45 1.36 0.00	33.51 1.29 0.00
MID___OSWEGATCHIE_HYD 23849	35.90 -0.73 0.00	33.54 -0.65 0.00	32.57 -0.70 0.00	31.96 -0.72 0.00	33.32 -0.71 0.00	34.68 -0.93 0.00	41.22 -1.23 0.00	46.38 -1.09 0.00	46.25 -1.04 0.00	43.19 -0.79 0.00	42.00 -0.77 0.00	38.38 -0.78 0.00	37.38 -0.84 0.00	37.89 -0.85 0.00	38.04 -0.82 0.00	38.70 -0.83 0.00	42.16 -0.82 0.00	46.09 -1.04 0.00	43.74 -1.21 0.00	39.97 -1.28 0.00	36.98 -1.22 0.00	35.37 -1.09 0.00	33.03 -1.06 0.00	31.38 -0.84 0.00
MID___RAQUETTE_HYD 23851	36.55 -0.07 0.00	34.16 -0.03 0.00	33.20 -0.07 0.00	32.58 -0.10 0.00	33.96 -0.07 0.00	35.03 -0.57 0.00	41.14 -1.32 0.00	46.24 -1.23 0.00	46.11 -1.18 0.00	42.93 -1.06 0.00	41.79 -0.98 0.00	38.22 -0.94 0.00	37.23 -0.99 0.00	37.70 -1.05 0.00	37.85 -1.01 0.00	38.47 -1.07 0.00	41.82 -1.16 0.00	45.90 -1.23 0.00	43.60 -1.35 0.00	39.85 -1.40 0.00	36.98 -1.22 0.00	35.62 -0.84 0.00	33.40 -0.68 0.00	31.90 -0.32 0.00

MILLIKEN___1 23584	36.88 0.26 0.00	34.46 0.27 0.00	33.50 0.23 0.00	32.94 0.26 0.00	34.41 0.37 0.00	36.28 0.68 0.00	43.64 1.19 0.00	48.75 1.28 0.00	48.28 0.99 0.00	44.95 0.97 0.00	43.75 0.98 0.00	40.10 0.94 0.00	39.10 0.88 0.00	39.67 0.93 0.00	39.67 0.82 0.00	40.44 0.91 0.00	44.06 1.07 0.00	48.26 1.13 0.00	46.03 1.08 0.00	42.24 0.99 0.00	38.96 0.76 0.00	36.79 0.33 0.00	34.29 0.20 0.00	32.48 0.26 0.00
MILLIKEN___2 23585	36.88 0.26 0.00	34.46 0.27 0.00	33.50 0.23 0.00	32.94 0.26 0.00	34.41 0.37 0.00	36.28 0.68 0.00	43.64 1.19 0.00	48.75 1.28 0.00	48.28 0.99 0.00	44.95 0.97 0.00	43.75 0.98 0.00	40.10 0.94 0.00	39.10 0.88 0.00	39.67 0.93 0.00	39.67 0.82 0.00	40.44 0.91 0.00	44.06 1.07 0.00	48.26 1.13 0.00	46.03 1.08 0.00	42.24 0.99 0.00	38.96 0.76 0.00	36.79 0.33 0.00	34.29 0.20 0.00	32.48 0.26 0.00
MILLIKEN___DIESEL 23629	36.88 0.26 0.00	34.46 0.27 0.00	33.50 0.23 0.00	32.94 0.26 0.00	34.41 0.37 0.00	36.28 0.68 0.00	43.64 1.19 0.00	48.75 1.28 0.00	48.28 0.99 0.00	44.95 0.97 0.00	43.75 0.98 0.00	40.10 0.94 0.00	39.10 0.88 0.00	39.67 0.93 0.00	39.67 0.82 0.00	40.44 0.91 0.00	44.06 1.07 0.00	48.26 1.13 0.00	46.03 1.08 0.00	42.24 0.99 0.00	38.96 0.76 0.00	36.79 0.33 0.00	34.29 0.20 0.00	32.48 0.26 0.00
MILLSEAT___LFGE 323607	34.10 -2.53 0.00	31.93 -2.26 0.00	30.94 -2.33 0.00	30.42 -2.25 0.00	31.89 -2.14 0.00	34.04 -1.57 0.00	40.84 -1.61 0.00	44.43 -3.04 0.00	43.74 -3.55 0.00	40.90 -3.08 0.00	40.20 -2.57 0.00	36.93 -2.23 0.00	35.93 -2.29 0.00	36.26 -2.48 0.00	35.98 -2.87 0.00	36.73 -2.81 0.00	40.27 -2.71 0.00	43.35 -3.77 0.00	41.40 -3.55 0.00	38.20 -3.05 0.00	34.61 -3.59 0.00	32.85 -3.61 0.00	30.88 -3.21 0.00	29.68 -2.55 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.39 1.76 0.00	35.73 1.54 0.00	34.80 1.53 0.00	34.18 1.50 0.00	35.46 1.43 0.00	37.10 1.50 0.00	44.79 2.33 0.00	50.27 2.80 0.00	50.41 3.12 0.00	46.98 2.99 0.00	45.63 2.87 0.00	41.75 2.58 0.00	40.82 2.60 0.00	41.38 2.63 0.00	41.58 2.72 0.00	42.22 2.69 0.00	45.90 2.92 0.00	50.42 3.30 0.00	48.14 3.19 0.00	44.26 3.01 0.00	40.87 2.67 0.00	38.69 2.22 0.00	36.09 2.01 0.00	33.96 1.74 0.00
MILLWOOD_13_KV_LOAD 356217	38.46 1.83 0.00	35.80 1.61 0.00	34.87 1.60 0.00	34.28 1.60 0.00	35.53 1.50 0.00	37.17 1.57 0.00	44.87 2.42 0.00	50.37 2.90 0.00	50.55 3.26 0.00	47.11 3.12 0.00	45.76 2.99 0.00	41.87 2.70 0.00	40.93 2.71 0.00	41.49 2.75 0.00	41.65 2.80 0.00	42.34 2.81 0.00	46.03 3.05 0.00	50.61 3.49 0.00	48.28 3.33 0.00	44.42 3.18 0.00	40.99 2.79 0.00	38.76 2.30 0.00	36.16 2.08 0.00	34.03 1.80 0.00
MODEL_CITY_ENERGY 24167	33.04 -3.59 0.00	30.94 -3.25 0.00	30.01 -3.26 0.00	29.47 -3.20 0.00	30.90 -3.13 0.00	33.01 -2.60 0.00	39.39 -3.06 0.00	42.63 -4.84 0.00	41.85 -5.44 0.00	39.23 -4.75 0.00	38.66 -4.11 0.00	35.56 -3.60 0.00	34.63 -3.59 0.00	34.91 -3.84 0.00	34.62 -4.23 0.00	35.30 -4.23 0.00	38.68 -4.30 0.00	41.56 -5.56 0.00	39.69 -5.26 0.00	36.75 -4.49 0.00	33.27 -4.93 0.00	31.61 -4.85 0.00	29.82 -4.26 0.00	28.77 -3.45 0.00
MODERN_LFGE___ 323580	33.04 -3.59 0.00	30.94 -3.25 0.00	30.01 -3.26 0.00	29.47 -3.20 0.00	30.90 -3.13 0.00	33.01 -2.60 0.00	39.39 -3.06 0.00	42.63 -4.84 0.00	41.85 -5.44 0.00	39.23 -4.75 0.00	38.66 -4.11 0.00	35.56 -3.60 0.00	34.63 -3.59 0.00	34.91 -3.84 0.00	34.62 -4.23 0.00	35.30 -4.23 0.00	38.68 -4.30 0.00	41.56 -5.56 0.00	39.69 -5.26 0.00	36.75 -4.49 0.00	33.27 -4.93 0.00	31.61 -4.85 0.00	29.82 -4.26 0.00	28.77 -3.45 0.00
MOHAWK_PAPER___DRP 24187	38.20 1.57 0.00	35.66 1.47 0.00	34.70 1.43 0.00	34.08 1.41 0.00	35.50 1.46 0.00	37.17 1.57 0.00	44.53 2.08 0.00	49.80 2.33 0.00	49.75 2.46 0.00	46.05 2.07 0.00	44.69 1.92 0.00	40.93 1.76 0.00	39.94 1.72 0.00	40.49 1.74 0.00	40.68 1.83 0.00	41.39 1.86 0.00	45.00 2.02 0.00	49.43 2.31 0.00	47.24 2.29 0.00	43.35 2.10 0.00	40.11 1.91 0.00	38.10 1.64 0.00	35.72 1.64 0.00	33.70 1.48 0.00
MOHICAN__35_KV_115KV_LD 80490	38.13 1.50 0.00	35.59 1.40 0.00	34.70 1.43 0.00	34.15 1.47 0.00	35.56 1.53 0.00	37.31 1.71 0.00	45.04 2.59 0.00	50.32 2.85 0.00	50.46 3.17 0.00	46.58 2.60 0.00	45.25 2.48 0.00	41.04 1.88 0.00	39.98 1.76 0.00	40.33 1.59 0.00	40.49 1.63 0.00	41.19 1.66 0.00	44.96 1.98 0.00	49.43 2.31 0.00	47.42 2.47 0.00	43.39 2.14 0.00	40.03 1.83 0.00	37.81 1.35 0.00	35.24 1.16 0.00	33.25 1.03 0.00
MONGAUP___HYD 23641	37.94 1.32 0.00	35.35 1.16 0.00	34.47 1.20 0.00	33.82 1.14 0.00	35.09 1.06 0.00	36.78 1.17 0.00	44.36 1.91 0.00	49.27 1.80 0.00	49.32 2.03 0.00	46.14 2.15 0.00	44.65 1.88 0.00	40.89 1.72 0.00	39.79 1.57 0.00	40.49 1.75 0.00	40.65 1.79 0.00	41.39 1.86 0.00	45.09 2.11 0.00	49.25 2.12 0.00	47.47 2.52 0.00	43.56 2.31 0.00	39.99 1.80 0.00	38.06 1.60 0.00	35.51 1.43 0.00	33.48 1.26 0.00
MONTAUK___DIESEL 23721	56.83 4.47 -15.74	48.71 4.00 -10.52	47.38 3.99 -10.12	47.37 3.89 -10.81	48.74 3.91 -10.79	60.50 4.34 -20.55	66.76 6.11 -18.19	71.04 7.26 -16.31	80.65 7.52 -25.84	68.33 6.95 -17.40	54.96 6.67 -5.52	53.81 6.03 -8.62	52.95 5.89 -8.84	52.59 5.89 -7.96	53.52 5.98 -8.68	54.62 6.13 -8.96	63.85 6.92 -13.95	76.30 7.73 -21.45	74.19 7.51 -21.73	66.50 7.01 -18.24	60.25 6.23 -15.83	55.33 5.43 -13.43	50.58 4.81 -11.70	46.57 4.22 -10.13
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.87 -1.76 0.00	32.65 -1.54 0.00	31.67 -1.60 0.00	31.14 -1.54 0.00	32.71 -1.33 0.00	34.93 -0.68 0.00	42.07 -0.38 0.00	46.00 -1.47 0.00	45.21 -2.08 0.00	42.27 -1.72 0.00	41.61 -1.15 0.00	38.30 -0.86 0.00	37.34 -0.88 0.00	37.89 -0.85 0.00	37.34 -1.52 0.00	38.11 -1.42 0.00	41.30 -1.68 0.00	44.67 -2.45 0.00	42.43 -2.52 0.00	38.90 -2.35 0.00	35.75 -2.44 0.00	33.22 -3.25 0.00	30.95 -3.14 0.00	30.00 -2.22 0.00
MORTIMER_115KV_TB3 55949	34.65 -1.98 0.00	32.38 -1.81 0.00	31.44 -1.83 0.00	30.91 -1.76 0.00	32.33 -1.70 0.00	34.29 -1.32 0.00	41.18 -1.27 0.00	45.38 -2.09 0.00	44.93 -2.36 0.00	41.87 -2.11 0.00	40.89 -1.88 0.00	37.60 -1.57 0.00	36.69 -1.53 0.00	37.23 -1.51 0.00	36.99 -1.87 0.00	37.79 -1.74 0.00	41.13 -1.85 0.00	44.53 -2.59 0.00	42.57 -2.38 0.00	39.19 -2.06 0.00	36.17 -2.02 0.00	33.95 -2.52 0.00	31.83 -2.25 0.00	30.35 -1.87 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.53 1.90 0.00	35.86 1.68 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.42 3.43 0.00	46.02 3.25 0.00	42.10 2.94 0.00	41.20 2.98 0.00	41.77 3.02 0.00	41.93 3.07 0.00	42.58 3.04 0.00	46.29 3.31 0.00	50.85 3.72 0.00	48.50 3.55 0.00	44.63 3.38 0.00	41.18 2.98 0.00	38.94 2.48 0.00	36.37 2.28 0.00	34.16 1.93 0.00

MUNSVILLE_WIND_PWR 323609	39.01 2.38 0.00	36.48 2.29 0.00	35.40 2.13 0.00	34.83 2.16 0.00	36.48 2.45 0.00	38.77 3.17 0.00	47.16 4.71 0.00	52.93 5.46 0.00	52.30 5.01 0.00	48.56 4.57 0.00	47.43 4.66 0.00	43.43 4.27 0.00	42.16 3.94 0.00	42.85 4.10 0.00	42.90 4.04 0.00	43.68 4.15 0.00	48.01 5.03 0.00	52.59 5.46 0.00	49.98 5.03 0.00	45.83 4.58 0.00	41.94 3.75 0.00	39.67 3.21 0.00	36.81 2.73 0.00	34.80 2.58 0.00
N SALMON___HYD 24042	38.05 1.43 0.00	35.52 1.33 0.00	34.54 1.26 0.00	33.85 1.17 0.00	35.33 1.29 0.00	36.74 1.14 0.00	43.05 0.59 0.00	48.33 0.86 0.00	48.14 0.85 0.00	44.78 0.79 0.00	43.71 0.94 0.00	40.03 0.86 0.00	39.02 0.80 0.00	39.44 0.70 0.00	39.56 0.70 0.00	40.25 0.71 0.00	43.67 0.69 0.00	48.02 0.89 0.00	45.63 0.68 0.00	41.41 0.17 0.00	38.58 0.38 0.00	36.79 0.33 0.00	34.32 0.24 0.00	32.74 0.51 0.00
N.AKRON___115KV_KNAPP 355671	34.10 -2.53 0.00	31.90 -2.29 0.00	30.98 -2.30 0.00	30.39 -2.29 0.00	31.89 -2.14 0.00	34.04 -1.57 0.00	40.84 -1.61 0.00	44.53 -2.94 0.00	43.79 -3.50 0.00	40.91 -3.08 0.00	40.07 -2.69 0.00	36.89 -2.27 0.00	36.04 -2.18 0.00	36.61 -2.13 0.00	36.14 -2.72 0.00	37.00 -2.53 0.00	40.27 -2.71 0.00	43.31 -3.82 0.00	41.40 -3.55 0.00	38.20 -3.05 0.00	35.22 -2.98 0.00	32.82 -3.65 0.00	30.84 -3.24 0.00	29.64 -2.58 0.00
N.BELMOR_69_KV_BK1 55787	54.89 2.53 -15.74	47.00 2.29 -10.52	45.65 2.26 -10.12	45.67 2.19 -10.81	47.00 2.18 -10.79	58.47 2.31 -20.55	64.04 3.40 -18.19	67.76 3.99 -16.31	77.38 4.26 -25.84	65.47 4.09 -17.39	52.18 3.89 -5.52	51.31 3.52 -8.62	50.62 3.55 -8.84	50.31 3.60 -7.96	51.19 3.65 -8.68	52.13 3.64 -8.96	60.93 4.00 -13.95	73.01 4.43 -21.45	70.95 4.27 -21.73	63.49 4.00 -18.24	57.65 3.63 -15.83	53.00 3.10 -13.43	48.61 2.83 -11.70	44.83 2.48 -10.13
N.E_GEN_SANDY PD 24062	49.39 1.76 -11.00	49.46 1.61 -13.66	45.49 1.60 -10.62	47.00 1.57 -12.76	47.54 1.57 -11.94	55.00 1.67 -17.72	63.40 2.33 -18.62	70.80 2.66 -20.67	64.10 2.74 -14.07	52.50 2.55 -5.97	45.08 2.31 0.00	41.20 2.04 0.00	40.21 1.99 0.00	40.87 2.13 0.00	41.11 2.25 0.00	44.83 2.29 -3.00	48.90 2.45 -3.47	60.90 2.78 -11.00	56.74 2.70 -9.09	52.70 2.52 -8.94	50.00 2.10 -9.70	46.08 1.93 -7.69	37.39 1.84 -1.47	37.00 1.64 -3.14
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.13 1.50 0.00	35.52 1.33 0.00	34.64 1.36 0.00	34.01 1.34 0.00	35.29 1.26 0.00	36.89 1.28 0.00	44.53 2.08 0.00	49.94 2.47 0.00	50.08 2.79 0.00	46.67 2.68 0.00	45.29 2.52 0.00	41.48 2.31 0.00	40.55 2.33 0.00	41.11 2.36 0.00	41.27 2.41 0.00	41.91 2.37 0.00	45.56 2.58 0.00	50.09 2.97 0.00	47.83 2.88 0.00	43.97 2.72 0.00	40.57 2.37 0.00	38.43 1.97 0.00	35.89 1.81 0.00	33.77 1.55 0.00
N.QUEENS_27_KV_LOAD 356247	38.72 2.09 0.00	35.93 1.74 0.00	35.00 1.73 0.00	34.31 1.63 0.00	35.63 1.60 0.00	37.17 1.57 0.00	45.04 2.59 0.00	50.79 3.32 0.00	51.03 3.74 0.00	47.64 3.65 -0.01	46.37 3.59 -0.01	42.38 3.21 0.00	41.51 3.29 -0.01	42.08 3.33 -0.01	42.25 3.38 -0.01	42.86 3.32 -0.01	46.68 3.70 0.00	51.09 3.96 -0.01	48.73 3.78 -0.01	45.05 3.79 -0.01	41.49 3.28 -0.01	39.23 2.77 0.00	36.71 2.62 0.00	34.38 2.16 0.00
N.TROY___115KV_TB1 355778	38.17 1.54 0.00	35.63 1.44 0.00	34.67 1.40 0.00	34.05 1.37 0.00	35.46 1.43 0.00	37.13 1.53 0.00	44.57 2.12 0.00	49.84 2.37 0.00	49.70 2.41 0.00	46.05 2.07 0.00	44.69 1.92 0.00	40.85 1.68 0.00	39.82 1.61 0.00	40.37 1.63 0.00	40.61 1.75 0.00	41.31 1.78 0.00	44.92 1.93 0.00	49.34 2.21 0.00	47.15 2.20 0.00	43.31 2.06 0.00	39.99 1.80 0.00	37.99 1.53 0.00	35.58 1.50 0.00	33.58 1.35 0.00
NARROWS_GT1_1 24228	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NARROWS_GT1_2 24229	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NARROWS_GT1_3 24230	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NARROWS_GT1_4 24231	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NARROWS_GT1_5 24232	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NARROWS_GT1_6 24233	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NARROWS_GT1_7 24234	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00

NARROWS_GT1_8 24235	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NARROWS_GT2_1 24236	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NARROWS_GT2_2 24237	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NARROWS_GT2_3 24238	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NARROWS_GT2_4 24239	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NARROWS_GT2_5 24240	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NARROWS_GT2_6 24241	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NARROWS_GT2_7 24242	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NARROWS_GT2_8 24243	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.52 3.21 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.83 2.20 0.00	36.27 2.09 0.00	35.30 2.03 0.00	34.67 1.99 0.00	36.07 2.04 0.00	37.85 2.24 0.00	45.34 2.89 0.00	50.46 2.99 0.00	49.84 2.55 0.00	45.83 1.85 0.00	44.35 1.58 0.00	40.73 1.57 0.00	39.71 1.49 0.00	40.22 1.47 0.00	40.45 1.59 0.00	41.19 1.66 0.00	44.79 1.81 0.00	49.24 2.12 0.00	47.29 2.34 0.00	43.31 2.06 0.00	40.07 1.87 0.00	38.18 1.71 0.00	35.99 1.91 0.00	34.12 1.90 0.00
NCHELSEA_115KV_TR2 355582	38.61 1.98 0.00	35.93 1.74 0.00	35.03 1.76 0.00	34.41 1.73 0.00	35.67 1.63 0.00	37.35 1.74 0.00	45.08 2.63 0.00	50.46 2.99 0.00	50.55 3.26 0.00	47.11 3.12 0.00	45.72 2.95 0.00	41.79 2.62 0.00	40.78 2.56 0.00	41.38 2.63 0.00	41.54 2.68 0.00	42.26 2.73 0.00	45.95 2.97 0.00	50.47 3.35 0.00	48.28 3.33 0.00	44.34 3.09 0.00	40.87 2.67 0.00	38.76 2.30 0.00	36.16 2.08 0.00	34.06 1.84 0.00
NEG CAPITAL___MECHNVIL 23645	38.39 1.76 0.00	35.83 1.64 0.00	34.87 1.60 0.00	34.28 1.60 0.00	35.70 1.67 0.00	37.42 1.81 0.00	45.00 2.55 0.00	50.32 2.85 0.00	50.32 3.03 0.00	46.58 2.59 0.00	45.21 2.44 0.00	41.24 2.07 0.00	40.17 1.95 0.00	40.76 2.01 0.00	40.92 2.06 0.00	41.63 2.09 0.00	45.34 2.36 0.00	49.81 2.68 0.00	47.65 2.70 0.00	43.68 2.43 0.00	40.22 2.02 0.00	38.21 1.75 0.00	35.68 1.60 0.00	33.67 1.45 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.39 -2.24 0.00	32.14 -2.05 0.00	31.18 -2.10 0.00	30.68 -1.99 0.00	32.09 -1.94 0.00	33.97 -1.64 0.00	40.84 -1.61 0.00	45.10 -2.37 0.00	44.69 -2.60 0.00	41.70 -2.29 0.00	40.72 -2.05 0.00	37.36 -1.80 0.00	36.39 -1.83 0.00	36.81 -1.94 0.00	36.68 -2.18 0.00	37.44 -2.10 0.00	40.88 -2.11 0.00	44.39 -2.73 0.00	42.39 -2.56 0.00	38.98 -2.27 0.00	35.64 -2.56 0.00	33.84 -2.63 0.00	31.66 -2.42 0.00	30.09 -2.13 0.00
NEG CENTRAL___DRP 24199	35.93 -0.70 0.00	33.64 -0.55 0.00	32.71 -0.57 0.00	32.15 -0.52 0.00	33.62 -0.41 0.00	35.50 -0.11 0.00	42.62 0.17 0.00	47.47 0.00 0.00	47.01 -0.28 0.00	43.76 -0.22 0.00	42.64 -0.13 0.00	39.09 -0.08 0.00	38.14 -0.08 0.00	38.67 -0.08 0.00	38.62 -0.23 0.00	39.38 -0.16 0.00	42.81 -0.17 0.00	46.84 -0.28 0.00	44.68 -0.27 0.00	41.04 -0.21 0.00	37.82 -0.38 0.00	35.73 -0.73 0.00	33.30 -0.78 0.00	31.64 -0.58 0.00
NEG CENTRAL___INDECK 23768	34.80 -1.83 0.00	32.51 -1.67 0.00	31.54 -1.73 0.00	31.04 -1.63 0.00	32.57 -1.46 0.00	34.64 -0.96 0.00	41.73 -0.72 0.00	45.95 -1.52 0.00	45.35 -1.94 0.00	42.27 -1.72 0.00	41.27 -1.50 0.00	38.03 -1.14 0.00	37.03 -1.19 0.00	37.47 -1.28 0.00	37.30 -1.56 0.00	38.19 -1.34 0.00	41.91 -1.07 0.00	45.38 -1.74 0.00	43.42 -1.53 0.00	39.85 -1.40 0.00	36.21 -1.99 0.00	34.27 -2.19 0.00	31.97 -2.11 0.00	30.45 -1.77 0.00



NEG CENTRAL___SENECA 23627	36.01 -0.62 0.00	33.71 -0.48 0.00	32.77 -0.50 0.00	32.25 -0.42 0.00	33.73 -0.31 0.00	35.68 0.07 0.00	42.88 0.42 0.00	47.61 0.14 0.00	47.10 -0.19 0.00	43.81 -0.18 0.00	42.77 0.00 0.00	39.20 0.04 0.00	38.22 0.00 0.00	38.78 0.04 0.00	38.66 -0.19 0.00	39.46 -0.08 0.00	42.94 -0.04 0.00	46.89 -0.24 0.00	44.77 -0.18 0.00	41.08 -0.16 0.00	37.82 -0.38 0.00	35.70 -0.77 0.00	33.26 -0.82 0.00	31.64 -0.58 0.00
NEG CENTRAL___STATE_STREET 24147	36.08 -0.55 0.00	33.71 -0.48 0.00	32.77 -0.50 0.00	32.22 -0.46 0.00	33.66 -0.37 0.00	35.50 -0.11 0.00	42.66 0.21 0.00	47.71 0.24 0.00	47.34 0.05 0.00	44.03 0.04 0.00	42.90 0.13 0.00	39.32 0.16 0.00	38.33 0.11 0.00	38.90 0.15 0.00	38.90 0.04 0.00	39.61 0.08 0.00	43.07 0.09 0.00	47.12 0.00 0.00	45.00 0.04 0.00	41.29 0.04 0.00	38.08 -0.11 0.00	36.02 -0.44 0.00	33.57 -0.51 0.00	31.80 -0.42 0.00
NEG MILLWOOD___DRP 24198	38.79 2.16 0.00	36.10 1.91 0.00	35.17 1.90 0.00	34.57 1.90 0.00	35.73 1.70 0.00	37.46 1.85 0.00	45.17 2.72 0.00	50.70 3.23 0.00	50.88 3.59 0.00	47.37 3.39 0.00	46.06 3.29 0.00	42.02 2.86 0.00	41.09 2.87 0.00	41.65 2.91 0.00	41.81 2.95 0.00	42.54 3.00 0.00	46.25 3.27 0.00	50.89 3.77 0.00	48.59 3.64 0.00	44.67 3.42 0.00	41.22 3.02 0.00	38.98 2.52 0.00	36.33 2.25 0.00	34.19 1.97 0.00
NEG NORTH_FLCN_SEA 23793	38.46 1.83 0.00	35.90 1.71 0.00	34.87 1.60 0.00	34.21 1.54 0.00	35.70 1.67 0.00	37.21 1.60 0.00	43.26 0.81 0.00	48.51 1.04 0.00	48.38 1.09 0.00	44.95 0.97 0.00	43.88 1.11 0.00	40.18 1.02 0.00	39.10 0.88 0.00	39.60 0.85 0.00	39.71 0.85 0.00	40.36 0.83 0.00	43.75 0.77 0.00	48.16 1.04 0.00	45.67 0.72 0.00	41.50 0.25 0.00	38.39 0.19 0.00	36.79 0.33 0.00	34.32 0.24 0.00	32.96 0.74 0.00
NEG NORTH_KES_CHATEGAY 23792	38.02 1.39 0.00	35.49 1.30 0.00	34.47 1.20 0.00	33.82 1.14 0.00	35.26 1.23 0.00	36.71 1.10 0.00	42.96 0.51 0.00	48.13 0.66 0.00	48.00 0.71 0.00	44.64 0.66 0.00	43.54 0.77 0.00	39.87 0.70 0.00	38.79 0.57 0.00	39.29 0.54 0.00	39.44 0.58 0.00	40.13 0.59 0.00	43.50 0.52 0.00	47.83 0.71 0.00	45.36 0.40 0.00	41.25 0.00 0.00	38.20 0.00 0.00	36.64 0.18 0.00	34.15 0.07 0.00	32.58 0.35 0.00
NEG NORTH___ALICE_FALLS 23915	38.50 1.87 0.00	35.97 1.78 0.00	34.94 1.66 0.00	34.24 1.57 0.00	35.73 1.70 0.00	37.28 1.67 0.00	43.51 1.06 0.00	48.80 1.33 0.00	48.61 1.32 0.00	45.22 1.23 0.00	44.14 1.37 0.00	40.42 1.25 0.00	39.29 1.07 0.00	39.79 1.05 0.00	39.91 1.05 0.00	40.60 1.07 0.00	44.01 1.03 0.00	48.49 1.37 0.00	45.98 1.03 0.00	41.74 0.49 0.00	38.62 0.42 0.00	37.01 0.55 0.00	34.49 0.41 0.00	33.00 0.77 0.00
NEG NORTH___LWR_SARANAC 23913	38.50 1.87 0.00	35.97 1.78 0.00	34.94 1.66 0.00	34.24 1.57 0.00	35.73 1.70 0.00	37.28 1.67 0.00	43.51 1.06 0.00	48.80 1.33 0.00	48.61 1.32 0.00	45.22 1.23 0.00	44.14 1.37 0.00	40.42 1.25 0.00	39.29 1.07 0.00	39.79 1.05 0.00	39.91 1.05 0.00	40.60 1.07 0.00	44.01 1.03 0.00	48.49 1.37 0.00	45.98 1.03 0.00	41.74 0.49 0.00	38.62 0.42 0.00	37.01 0.55 0.00	34.49 0.41 0.00	33.00 0.77 0.00
NEG NORTH___PLATTSBURG 23628	38.49 1.87 0.00	35.97 1.78 0.00	34.93 1.66 0.00	34.24 1.57 0.00	35.73 1.70 0.00	37.28 1.67 0.00	43.51 1.06 0.00	48.80 1.33 0.00	48.61 1.32 0.00	45.21 1.23 0.00	44.14 1.37 0.00	40.42 1.25 0.00	39.37 1.15 0.00	39.79 1.05 0.00	39.91 1.05 0.00	40.60 1.07 0.00	44.01 1.03 0.00	48.49 1.37 0.00	46.03 1.08 0.00	41.74 0.50 0.00	38.85 0.65 0.00	37.01 0.55 0.00	34.49 0.41 0.00	32.99 0.77 0.00
NEG WEST_LEA_LOCKPORT 23791	33.40 -3.22 0.00	31.32 -2.87 0.00	30.38 -2.89 0.00	29.80 -2.88 0.00	31.24 -2.79 0.00	33.36 -2.24 0.00	39.90 -2.55 0.00	43.34 -4.13 0.00	42.56 -4.73 0.00	39.81 -4.18 0.00	39.09 -3.68 0.00	36.07 -3.09 0.00	35.20 -3.02 0.00	35.80 -2.94 0.00	35.32 -3.54 0.00	36.13 -3.40 0.00	39.20 -3.78 0.00	42.18 -4.95 0.00	40.32 -4.63 0.00	37.21 -4.04 0.00	34.38 -3.82 0.00	32.01 -4.45 0.00	30.16 -3.92 0.00	29.06 -3.16 0.00
NEG WEST___LANCASTER 23811	34.65 -1.98 0.00	32.41 -1.78 0.00	31.47 -1.80 0.00	30.88 -1.80 0.00	32.40 -1.63 0.00	34.50 -1.10 0.00	41.43 -1.02 0.00	45.00 -2.47 0.00	44.22 -3.07 0.00	41.35 -2.64 0.00	40.67 -2.10 0.00	37.48 -1.68 0.00	36.58 -1.64 0.00	37.15 -1.59 0.00	36.68 -2.18 0.00	37.48 -2.06 0.00	40.66 -2.32 0.00	44.06 -3.06 0.00	41.98 -2.97 0.00	38.69 -2.56 0.00	35.64 -2.56 0.00	33.22 -3.25 0.00	31.12 -2.97 0.00	30.26 -1.97 0.00
NEG_PENN_ALLEGHNY 23528	36.55 -0.07 0.00	34.16 -0.03 0.00	33.21 -0.07 0.00	32.64 -0.03 0.00	34.07 0.03 0.00	35.89 0.28 0.00	43.13 0.68 0.00	48.89 1.42 0.00	48.47 1.18 0.00	45.08 1.10 0.00	44.01 1.24 0.00	40.30 1.14 0.00	39.33 1.11 0.00	39.90 1.16 0.00	39.87 1.01 0.00	40.64 1.11 0.00	43.45 0.47 0.00	47.55 0.42 0.00	45.35 0.40 0.00	41.66 0.41 0.00	38.24 0.04 0.00	36.32 -0.15 0.00	33.88 -0.20 0.00	32.19 -0.03 0.00
NEG___GEN_MONROE 24207	34.69 -1.94 0.00	32.41 -1.78 0.00	31.57 -1.70 0.00	31.01 -1.67 0.00	32.47 -1.57 0.00	34.50 -1.10 0.00	41.35 -1.10 0.00	45.43 -2.04 0.00	44.88 -2.41 0.00	41.87 -2.11 0.00	40.89 -1.88 0.00	37.60 -1.57 0.00	36.73 -1.49 0.00	37.23 -1.51 0.00	36.95 -1.90 0.00	37.79 -1.74 0.00	41.13 -1.85 0.00	44.49 -2.64 0.00	42.61 -2.34 0.00	39.27 -1.98 0.00	36.25 -1.95 0.00	33.98 -2.48 0.00	31.83 -2.25 0.00	30.45 -1.77 0.00
NEPA___ENERGY 23901	34.36 -2.27 0.00	32.14 -2.05 0.00	31.21 -2.06 0.00	30.62 -2.06 0.00	32.09 -1.94 0.00	34.22 -1.39 0.00	41.05 -1.40 0.00	44.76 -2.71 0.00	43.98 -3.31 0.00	41.13 -2.86 0.00	40.42 -2.35 0.00	37.28 -1.88 0.00	36.39 -1.83 0.00	36.92 -1.82 0.00	36.45 -2.41 0.00	37.24 -2.29 0.00	40.45 -2.54 0.00	43.83 -3.30 0.00	41.80 -3.15 0.00	38.48 -2.76 0.00	35.45 -2.75 0.00	33.07 -3.39 0.00	30.98 -3.10 0.00	30.00 -2.22 0.00
NEVERSINK___HYD 23608	38.05 1.43 0.00	35.45 1.27 0.00	34.54 1.26 0.00	33.92 1.24 0.00	35.15 1.12 0.00	36.88 1.28 0.00	44.57 2.12 0.00	49.89 2.42 0.00	49.98 2.69 0.00	46.53 2.55 0.00	45.08 2.31 0.00	41.24 2.07 0.00	39.02 0.80 0.00	39.59 0.85 0.00	39.79 0.93 0.00	40.52 0.99 0.00	44.14 1.16 0.00	48.59 1.46 0.00	46.43 1.48 0.00	42.61 1.36 0.00	40.30 2.10 0.00	38.36 1.89 0.00	35.72 1.64 0.00	33.61 1.38 0.00
NEWKRMKL_115KV_TB1 55635	38.06 1.43 0.00	35.56 1.37 0.00	34.60 1.33 0.00	33.98 1.31 0.00	35.36 1.33 0.00	36.99 1.39 0.00	44.32 1.87 0.00	49.56 2.09 0.00	48.90 1.61 0.00	45.22 1.23 0.00	43.88 1.11 0.00	40.34 1.17 0.00	39.37 1.15 0.00	39.91 1.16 0.00	40.10 1.24 0.00	40.76 1.23 0.00	44.18 1.20 0.00	48.54 1.41 0.00	46.34 1.39 0.00	42.61 1.36 0.00	39.50 1.30 0.00	37.59 1.13 0.00	35.51 1.43 0.00	33.54 1.32 0.00

NEWTON___FALLS_HYD 23847	35.90 -0.73 0.00	33.54 -0.65 0.00	32.57 -0.70 0.00	31.96 -0.72 0.00	33.32 -0.71 0.00	34.68 -0.93 0.00	41.22 -1.23 0.00	46.38 -1.09 0.00	46.25 -1.04 0.00	43.19 -0.79 0.00	42.00 -0.77 0.00	38.38 -0.78 0.00	37.38 -0.84 0.00	37.89 -0.85 0.00	38.04 -0.82 0.00	38.70 -0.83 0.00	42.16 -0.82 0.00	46.09 -1.04 0.00	43.74 -1.21 0.00	39.97 -1.28 0.00	36.98 -1.22 0.00	35.37 -1.09 0.00	33.03 -1.06 0.00	31.38 -0.84 0.00
NGRID_A1_DSASP 323792	32.60 -4.03 0.00	30.56 -3.62 0.00	29.61 -3.66 0.00	29.08 -3.59 0.00	30.46 -3.57 0.00	32.54 -3.06 0.00	38.93 -3.52 0.00	42.06 -5.41 0.00	41.24 -6.05 0.00	38.71 -5.28 0.00	38.15 -4.62 0.00	35.13 -4.03 0.00	34.17 -4.05 0.00	34.48 -4.26 0.00	34.15 -4.70 0.00	34.87 -4.67 0.00	38.12 -4.86 0.00	41.00 -6.13 0.00	39.15 -5.80 0.00	36.26 -4.99 0.00	32.85 -5.35 0.00	31.25 -5.22 0.00	29.48 -4.60 0.00	28.48 -3.74 0.00
NGRID_A2_DSASP 323793	32.60 -4.03 0.00	30.56 -3.62 0.00	29.61 -3.66 0.00	29.08 -3.59 0.00	30.46 -3.57 0.00	32.54 -3.06 0.00	38.93 -3.52 0.00	42.06 -5.41 0.00	41.24 -6.05 0.00	38.71 -5.28 0.00	38.15 -4.62 0.00	35.13 -4.03 0.00	34.17 -4.05 0.00	34.48 -4.26 0.00	34.15 -4.70 0.00	34.87 -4.67 0.00	38.12 -4.86 0.00	41.00 -6.13 0.00	39.15 -5.80 0.00	36.26 -4.99 0.00	32.85 -5.35 0.00	31.25 -5.22 0.00	29.48 -4.60 0.00	28.48 -3.74 0.00
NGRID_A4_DSASP 323807	32.60 -4.03 0.00	30.56 -3.62 0.00	29.61 -3.66 0.00	29.08 -3.59 0.00	30.46 -3.57 0.00	32.54 -3.06 0.00	38.93 -3.52 0.00	42.06 -5.41 0.00	41.24 -6.05 0.00	38.71 -5.28 0.00	38.15 -4.62 0.00	35.13 -4.03 0.00	34.17 -4.05 0.00	34.48 -4.26 0.00	34.15 -4.70 0.00	34.87 -4.67 0.00	38.12 -4.86 0.00	41.00 -6.13 0.00	39.15 -5.80 0.00	36.26 -4.99 0.00	32.85 -5.35 0.00	31.25 -5.22 0.00	29.48 -4.60 0.00	28.48 -3.74 0.00
NIAGARA_115E_LBMP 323715	32.82 -3.81 0.00	30.77 -3.42 0.00	29.85 -3.43 0.00	29.31 -3.36 0.00	30.70 -3.33 0.00	32.79 -2.81 0.00	39.10 -3.35 0.00	42.30 -5.17 0.00	41.47 -5.82 0.00	38.88 -5.10 0.00	38.32 -4.45 0.00	35.29 -3.88 0.00	34.36 -3.86 0.00	34.64 -4.11 0.00	34.35 -4.51 0.00	35.03 -4.51 0.00	38.34 -4.64 0.00	41.23 -5.89 0.00	39.38 -5.58 0.00	36.46 -4.78 0.00	33.00 -5.19 0.00	31.39 -5.07 0.00	29.58 -4.50 0.00	28.58 -3.64 0.00
NIAGARA_115W_LBMP 323714	32.53 -4.10 0.00	30.46 -3.73 0.00	29.55 -3.73 0.00	29.02 -3.66 0.00	30.39 -3.64 0.00	32.47 -3.13 0.00	38.80 -3.65 0.00	41.92 -5.55 0.00	41.14 -6.15 0.00	38.57 -5.41 0.00	38.02 -4.75 0.00	35.01 -4.15 0.00	34.09 -4.13 0.00	34.37 -4.38 0.00	34.08 -4.78 0.00	34.75 -4.78 0.00	38.04 -4.94 0.00	40.86 -6.27 0.00	39.06 -5.89 0.00	36.17 -5.08 0.00	32.73 -5.46 0.00	31.17 -5.29 0.00	29.41 -4.67 0.00	28.42 -3.80 0.00
NIAGARA_230_LBMP 323716	33.08 -3.55 0.00	31.01 -3.18 0.00	30.08 -3.19 0.00	29.54 -3.14 0.00	30.94 -3.10 0.00	33.01 -2.60 0.00	39.48 -2.97 0.00	42.68 -4.79 0.00	41.90 -5.39 0.00	39.28 -4.71 0.00	38.71 -4.06 0.00	35.64 -3.52 0.00	34.70 -3.52 0.00	34.99 -3.76 0.00	34.70 -4.16 0.00	35.38 -4.15 0.00	38.73 -4.26 0.00	41.61 -5.51 0.00	39.78 -5.17 0.00	36.83 -4.41 0.00	33.38 -4.81 0.00	31.76 -4.70 0.00	29.96 -4.13 0.00	28.90 -3.32 0.00
NIAGARA___115KV_198_GIBSON 55903	32.53 -4.10 0.00	30.46 -3.73 0.00	29.58 -3.69 0.00	29.02 -3.66 0.00	30.39 -3.64 0.00	32.44 -3.17 0.00	38.80 -3.65 0.00	42.06 -5.41 0.00	41.28 -6.01 0.00	38.62 -5.37 0.00	37.94 -4.83 0.00	35.01 -4.15 0.00	34.21 -4.01 0.00	34.79 -3.95 0.00	34.31 -4.55 0.00	35.11 -4.43 0.00	38.04 -4.94 0.00	40.86 -6.27 0.00	39.11 -5.84 0.00	36.17 -5.07 0.00	33.42 -4.77 0.00	31.17 -5.29 0.00	29.41 -4.67 0.00	28.36 -3.87 0.00
NIAGARA____ 23760	33.08 -3.55 0.00	31.01 -3.18 0.00	30.08 -3.19 0.00	29.54 -3.14 0.00	30.94 -3.10 0.00	33.01 -2.60 0.00	39.48 -2.97 0.00	42.68 -4.79 0.00	41.90 -5.39 0.00	39.28 -4.71 0.00	38.71 -4.06 0.00	35.64 -3.52 0.00	34.70 -3.52 0.00	34.99 -3.76 0.00	34.70 -4.16 0.00	35.38 -4.15 0.00	38.73 -4.26 0.00	41.61 -5.51 0.00	39.78 -5.17 0.00	36.83 -4.41 0.00	33.38 -4.81 0.00	31.76 -4.70 0.00	29.96 -4.13 0.00	28.90 -3.32 0.00
NINE_MILE_1 23575	35.05 -1.57 0.00	32.75 -1.43 0.00	31.84 -1.43 0.00	31.27 -1.40 0.00	32.60 -1.43 0.00	34.25 -1.35 0.00	41.01 -1.44 0.00	45.76 -1.71 0.00	45.49 -1.80 0.00	42.36 -1.63 0.00	41.23 -1.54 0.00	37.76 -1.41 0.00	36.85 -1.37 0.00	37.35 -1.39 0.00	37.42 -1.44 0.00	38.07 -1.46 0.00	41.44 -1.55 0.00	45.38 -1.74 0.00	43.29 -1.66 0.00	39.72 -1.53 0.00	36.63 -1.57 0.00	34.89 -1.57 0.00	32.62 -1.46 0.00	30.87 -1.35 0.00
NINE_MILE_2 23744	35.05 -1.57 0.00	32.75 -1.43 0.00	31.84 -1.43 0.00	31.27 -1.40 0.00	32.60 -1.43 0.00	34.25 -1.35 0.00	41.01 -1.44 0.00	45.76 -1.71 0.00	45.54 -1.75 0.00	42.36 -1.63 0.00	41.23 -1.54 0.00	37.76 -1.41 0.00	36.85 -1.37 0.00	37.35 -1.39 0.00	37.42 -1.44 0.00	38.07 -1.46 0.00	41.44 -1.55 0.00	45.38 -1.74 0.00	43.29 -1.66 0.00	39.72 -1.53 0.00	36.63 -1.57 0.00	34.89 -1.57 0.00	32.62 -1.46 0.00	30.87 -1.35 0.00
NM_CAPITAL___DRP 24208	38.06 1.43 0.00	35.56 1.37 0.00	34.60 1.33 0.00	33.98 1.31 0.00	35.36 1.33 0.00	37.03 1.42 0.00	44.32 1.87 0.00	49.56 2.09 0.00	48.95 1.66 0.00	45.26 1.28 0.00	43.92 1.15 0.00	40.38 1.21 0.00	39.40 1.18 0.00	39.94 1.20 0.00	40.14 1.28 0.00	40.80 1.27 0.00	44.23 1.25 0.00	48.59 1.46 0.00	46.43 1.48 0.00	42.65 1.40 0.00	39.53 1.34 0.00	37.63 1.17 0.00	35.51 1.43 0.00	33.54 1.32 0.00
NM_CENTRAL___DRP 24181	35.68 -0.95 0.00	33.30 -0.89 0.00	32.41 -0.87 0.00	31.83 -0.85 0.00	33.22 -0.82 0.00	34.93 -0.68 0.00	41.94 -0.51 0.00	46.81 -0.66 0.00	46.53 -0.76 0.00	43.32 -0.66 0.00	42.17 -0.60 0.00	38.66 -0.51 0.00	37.72 -0.50 0.00	38.24 -0.50 0.00	38.27 -0.58 0.00	38.98 -0.55 0.00	42.38 -0.60 0.00	46.37 -0.75 0.00	44.23 -0.72 0.00	40.59 -0.66 0.00	37.47 -0.73 0.00	35.51 -0.95 0.00	33.16 -0.92 0.00	31.38 -0.84 0.00
NM_FRONTIER___DRP 24179	32.53 -4.10 0.00	30.46 -3.73 0.00	29.58 -3.69 0.00	29.02 -3.66 0.00	30.39 -3.64 0.00	32.44 -3.17 0.00	38.80 -3.65 0.00	42.06 -5.41 0.00	41.28 -6.01 0.00	38.62 -5.37 0.00	37.94 -4.83 0.00	35.01 -4.15 0.00	34.21 -4.01 0.00	34.79 -3.95 0.00	34.31 -4.55 0.00	35.11 -4.43 0.00	38.04 -4.94 0.00	40.86 -6.27 0.00	39.11 -5.84 0.00	36.17 -5.07 0.00	33.42 -4.77 0.00	31.17 -5.29 0.00	29.41 -4.67 0.00	28.36 -3.87 0.00
NM_ST_REGIS___HYD 24053	36.88 0.26 0.00	34.46 0.27 0.00	33.50 0.23 0.00	32.87 0.20 0.00	34.27 0.24 0.00	35.39 -0.21 0.00	41.60 -0.85 0.00	46.76 -0.71 0.00	46.58 -0.71 0.00	43.37 -0.62 0.00	42.26 -0.51 0.00	38.62 -0.55 0.00	37.61 -0.61 0.00	38.08 -0.66 0.00	38.24 -0.62 0.00	38.86 -0.67 0.00	42.21 -0.77 0.00	46.37 -0.75 0.00	44.05 -0.90 0.00	40.18 -1.07 0.00	37.28 -0.92 0.00	35.88 -0.58 0.00	33.60 -0.48 0.00	32.09 -0.13 0.00

NORTHPORT___1 23551	55.37 3.00 -15.74	47.41 2.70 -10.52	46.08 2.69 -10.12	46.10 2.61 -10.81	47.44 2.62 -10.79	58.97 2.81 -20.55	64.72 4.08 -18.19	68.53 4.75 -16.31	78.19 5.06 -25.84	66.04 4.66 -17.40	52.53 4.24 -5.52	51.66 3.88 -8.62	50.85 3.78 -8.84	50.70 3.99 -7.96	51.54 4.00 -8.68	52.64 4.15 -8.96	61.44 4.51 -13.95	73.57 4.99 -21.45	71.36 4.67 -21.73	63.94 4.46 -18.24	57.92 3.90 -15.83	53.36 3.47 -13.43	48.91 3.13 -11.70	45.09 2.74 -10.13
NORTHPORT___2 23552	55.37 3.00 -15.74	47.41 2.70 -10.52	46.08 2.69 -10.12	46.10 2.61 -10.81	47.44 2.62 -10.79	58.97 2.81 -20.55	64.72 4.08 -18.19	68.53 4.75 -16.31	78.19 5.06 -25.84	66.04 4.66 -17.40	52.53 4.24 -5.52	51.66 3.88 -8.62	50.85 3.78 -8.84	50.70 3.99 -7.96	51.54 4.00 -8.68	52.64 4.15 -8.96	61.44 4.51 -13.95	73.57 4.99 -21.45	71.36 4.67 -21.73	63.94 4.46 -18.24	57.92 3.90 -15.83	53.36 3.47 -13.43	48.91 3.13 -11.70	45.09 2.74 -10.13
NORTHPORT___3 23553	54.74 2.38 -15.74	46.80 2.09 -10.52	45.49 2.10 -10.12	45.51 2.03 -10.81	46.83 2.01 -10.79	58.33 2.17 -20.55	63.87 3.22 -18.19	67.01 3.23 -16.31	76.54 3.41 -25.84	64.99 3.61 -17.40	51.54 3.25 -5.52	50.84 3.06 -8.62	50.16 3.09 -8.84	49.96 3.25 -7.96	50.84 3.30 -8.68	51.61 3.12 -8.96	60.07 3.14 -13.95	72.16 3.58 -21.45	70.10 3.41 -21.73	62.74 3.26 -18.24	56.74 2.71 -15.83	52.41 2.51 -13.43	48.44 2.66 -11.70	44.67 2.32 -10.13
NORTHPORT___4 23650	54.74 2.38 -15.74	46.80 2.09 -10.52	45.49 2.10 -10.12	45.51 2.03 -10.81	46.83 2.01 -10.79	58.33 2.17 -20.55	63.87 3.22 -18.19	67.01 3.23 -16.31	76.54 3.41 -25.84	64.99 3.61 -17.40	51.54 3.25 -5.52	50.84 3.06 -8.62	50.16 3.09 -8.84	49.96 3.25 -7.96	50.84 3.30 -8.68	51.61 3.12 -8.96	60.07 3.14 -13.95	72.16 3.58 -21.45	70.10 3.41 -21.73	62.74 3.26 -18.24	56.74 2.71 -15.83	52.41 2.51 -13.43	48.44 2.66 -11.70	44.67 2.32 -10.13
NORTHPORT___IC 23718	55.37 3.00 -15.74	47.41 2.70 -10.52	46.08 2.69 -10.12	46.10 2.61 -10.81	47.44 2.62 -10.79	58.97 2.81 -20.55	64.72 4.08 -18.19	68.53 4.75 -16.31	78.19 5.06 -25.84	66.04 4.66 -17.40	52.53 4.24 -5.52	51.66 3.88 -8.62	50.85 3.78 -8.84	50.70 3.99 -7.96	51.54 4.00 -8.68	52.64 4.15 -8.96	61.44 4.51 -13.95	73.57 4.99 -21.45	71.36 4.67 -21.73	63.94 4.46 -18.24	57.92 3.90 -15.83	53.36 3.47 -13.43	48.91 3.13 -11.70	45.09 2.74 -10.13
NORTH___COUNTRY_ESR 323785	37.87 1.25 0.00	35.35 1.16 0.00	34.34 1.06 0.00	33.69 1.01 0.00	35.12 1.09 0.00	36.60 1.00 0.00	42.79 0.34 0.00	47.94 0.47 0.00	47.81 0.52 0.00	44.47 0.48 0.00	43.37 0.60 0.00	39.71 0.55 0.00	38.75 0.53 0.00	39.17 0.43 0.00	39.29 0.43 0.00	39.93 0.40 0.00	43.32 0.34 0.00	47.60 0.47 0.00	45.18 0.23 0.00	41.04 -0.21 0.00	38.27 0.08 0.00	36.50 0.04 0.00	34.05 -0.03 0.00	32.48 0.26 0.00
NPX_GEN_1385_PROXY 323591	56.29 3.92 -15.74	56.00 3.69 -18.12	54.98 3.66 -18.05	54.72 3.56 -18.48	55.00 3.57 -17.39	60.00 3.85 -20.55	75.00 5.31 -27.24	86.02 6.13 -32.42	82.00 6.38 -28.33	66.70 5.32 -17.40	52.61 4.32 -5.52	51.58 3.80 -8.62	50.77 3.71 -8.84	50.66 3.95 -7.96	51.54 4.00 -8.68	52.96 4.47 -8.96	61.87 4.94 -13.95	73.90 5.32 -21.45	71.00 4.32 -21.73	63.90 4.42 -18.24	58.34 4.32 -15.83	53.65 3.76 -13.43	49.08 3.31 -11.70	45.25 2.90 -10.13
NPX_GEN_CSC 323557	55.70 3.33 -15.74	47.65 2.94 -10.52	46.39 3.00 -10.12	46.39 2.91 -10.81	47.68 2.86 -10.79	59.32 3.17 -20.55	65.23 4.59 -18.19	69.28 5.50 -16.31	78.90 5.77 -25.84	66.70 5.32 -17.40	53.29 5.00 -5.52	52.36 4.58 -8.62	51.49 4.43 -8.84	51.31 4.61 -7.96	52.20 4.66 -8.68	53.27 4.78 -8.96	62.26 5.33 -13.95	74.51 5.94 -21.45	72.39 5.71 -21.73	64.89 5.40 -18.24	58.61 4.58 -15.83	54.02 4.12 -13.43	49.43 3.65 -11.70	45.51 3.16 -10.13
NSINS_S_GLNS_FALLS 23858	38.02 1.39 0.00	35.52 1.33 0.00	34.64 1.36 0.00	34.08 1.41 0.00	35.53 1.50 0.00	37.24 1.64 0.00	44.96 2.50 0.00	50.22 2.75 0.00	50.36 3.07 0.00	46.54 2.55 0.00	45.16 2.40 0.00	40.97 1.80 0.00	39.90 1.68 0.00	40.22 1.47 0.00	40.37 1.52 0.00	41.08 1.54 0.00	44.83 1.85 0.00	49.29 2.17 0.00	47.24 2.29 0.00	43.27 2.02 0.00	39.88 1.68 0.00	37.70 1.24 0.00	35.14 1.06 0.00	33.16 0.93 0.00
NUCOR_STEEL___DRP 24197	36.15 -0.48 0.00	33.78 -0.41 0.00	32.84 -0.43 0.00	32.28 -0.39 0.00	33.73 -0.31 0.00	35.50 -0.11 0.00	42.66 0.21 0.00	47.57 0.09 0.00	47.20 -0.09 0.00	43.94 -0.04 0.00	42.77 0.00 0.00	39.20 0.04 0.00	38.26 0.04 0.00	38.82 0.08 0.00	38.82 -0.04 0.00	39.53 0.00 0.00	43.02 0.04 0.00	47.08 -0.05 0.00	44.95 0.00 0.00	41.21 -0.04 0.00	38.04 -0.15 0.00	35.99 -0.47 0.00	33.57 -0.51 0.00	31.80 -0.42 0.00
NUMBER_THREE_WT_PWR 323818	36.08 -0.55 0.00	33.68 -0.51 0.00	32.71 -0.57 0.00	32.05 -0.62 0.00	33.45 -0.58 0.00	35.14 -0.46 0.00	42.28 -0.17 0.00	47.61 0.14 0.00	47.43 0.14 0.00	44.51 0.53 0.00	43.28 0.52 0.00	39.52 0.35 0.00	38.52 0.30 0.00	39.02 0.27 0.00	39.17 0.31 0.00	39.89 0.36 0.00	43.50 0.52 0.00	47.31 0.19 0.00	44.82 -0.13 0.00	40.92 -0.33 0.00	37.70 -0.50 0.00	35.84 -0.62 0.00	33.36 -0.72 0.00	31.54 -0.68 0.00
NYISO_LBMP_REFERENCE 24008	36.63 0.00 0.00	34.19 0.00 0.00	33.27 0.00 0.00	32.67 0.00 0.00	34.03 0.00 0.00	35.60 0.00 0.00	42.45 0.00 0.00	47.47 0.00 0.00	47.29 0.00 0.00	43.98 0.00 0.00	42.77 0.00 0.00	39.16 0.00 0.00	38.22 0.00 0.00	38.74 0.00 0.00	38.86 0.00 0.00	39.53 0.00 0.00	42.98 0.00 0.00	47.12 0.00 0.00	44.95 0.00 0.00	41.25 0.00 0.00	38.20 0.00 0.00	36.46 0.00 0.00	34.08 0.00 0.00	32.22 0.00 0.00
NYPA_BRENTWD___GT 24164	55.62 3.26 -15.74	47.61 2.90 -10.52	46.28 2.89 -10.12	46.29 2.81 -10.81	47.65 2.82 -10.79	59.22 3.06 -20.55	65.06 4.41 -18.19	69.00 5.22 -16.31	78.61 5.48 -25.84	66.48 5.10 -17.40	53.08 4.79 -5.52	52.17 4.39 -8.62	51.30 4.24 -8.84	51.16 4.45 -7.96	52.01 4.47 -8.68	53.07 4.58 -8.96	61.96 5.03 -13.95	74.18 5.61 -21.45	72.03 5.35 -21.73	64.56 5.07 -18.24	58.38 4.35 -15.83	53.80 3.90 -13.43	49.26 3.48 -11.70	45.38 3.03 -10.13
NYPA_GOWANUS___GT5 24156	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.48 3.17 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00
NYPA_GOWANUS___GT6 24157	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.98 3.51 0.00	51.32 3.97 -0.06	48.09 3.87 -0.24	46.33 3.55 -0.01	42.49 3.33 0.00	41.52 3.29 -0.01	42.20 3.45 -0.01	42.32 3.46 -0.01	43.16 3.52 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.48 3.17 -0.11	39.33 2.81 -0.06	36.70 2.56 -0.06	34.44 2.22 0.00

NYPA_HARLEM__RVR__GT1 24160	38.64 2.01 0.00	35.86 1.67 0.00	34.93 1.66 0.00	34.24 1.57 0.00	35.57 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.51 3.52 -0.01	46.07 3.29 -0.01	42.22 3.06 0.00	41.25 3.02 -0.01	42.04 3.29 -0.01	42.17 3.30 -0.01	42.86 3.32 -0.01	46.55 3.57 0.00	50.95 3.82 -0.01	48.65 3.69 -0.01	44.93 3.67 -0.01	41.22 3.02 -0.01	39.12 2.66 0.00	36.60 2.52 0.00	34.32 2.09 0.00
NYPA_HARLEM__RVR__GT2 24161	38.64 2.01 0.00	35.86 1.67 0.00	34.93 1.66 0.00	34.24 1.57 0.00	35.57 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.51 3.52 -0.01	46.07 3.29 -0.01	42.22 3.06 0.00	41.25 3.02 -0.01	42.04 3.29 -0.01	42.17 3.30 -0.01	42.86 3.32 -0.01	46.55 3.57 0.00	50.95 3.82 -0.01	48.65 3.69 -0.01	44.93 3.67 -0.01	41.22 3.02 -0.01	39.12 2.66 0.00	36.60 2.52 0.00	34.32 2.09 0.00
NYPA_KENT____GT 24152	38.71 2.09 0.00	35.97 1.78 0.00	35.03 1.76 0.00	34.34 1.67 0.00	35.67 1.63 0.00	37.28 1.67 0.00	45.17 2.72 0.00	50.89 3.42 0.00	51.20 3.88 -0.03	47.92 3.78 -0.15	46.29 3.51 -0.01	42.41 3.25 0.00	41.44 3.21 -0.01	42.12 3.37 -0.01	42.29 3.42 -0.01	43.04 3.44 -0.07	46.60 3.61 -0.01	60.56 4.05 -9.38	78.89 3.87 -30.07	45.03 3.71 -0.07	41.40 3.13 -0.07	39.23 2.74 -0.03	36.64 2.52 -0.03	34.35 2.13 0.00
NYPA_POUCH1____GT 24155	38.71 2.09 0.00	35.93 1.74 0.00	35.00 1.73 0.00	34.31 1.63 0.00	35.63 1.60 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.84 3.37 0.00	51.13 3.78 -0.06	47.87 3.65 -0.24	46.16 3.38 -0.01	42.30 3.13 0.00	41.32 3.09 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.97 3.32 -0.11	46.53 3.53 -0.02	67.00 4.00 -15.87	101.29 3.82 -52.52	44.99 3.63 -0.11	41.37 3.06 -0.11	39.22 2.70 -0.06	36.59 2.46 -0.06	34.38 2.16 0.00
NYPA_VERNON____GT2 24162	38.68 2.05 0.00	35.93 1.74 0.00	35.00 1.73 0.00	34.31 1.63 0.00	35.63 1.60 0.00	37.24 1.64 0.00	45.13 2.68 0.00	50.84 3.37 0.00	51.08 3.78 -0.01	47.74 3.70 -0.06	46.20 3.42 -0.01	42.34 3.17 0.00	41.36 3.13 -0.01	42.08 3.33 -0.01	42.21 3.34 -0.01	42.92 3.36 -0.02	46.55 3.57 0.00	54.02 4.00 -2.89	56.39 3.82 -7.62	44.90 3.63 -0.02	41.28 3.06 -0.02	39.13 2.66 -0.01	36.55 2.46 -0.01	34.29 2.06 0.00
NYPA_VERNON____GT3 24163	38.68 2.05 0.00	35.93 1.74 0.00	35.00 1.73 0.00	34.31 1.63 0.00	35.63 1.60 0.00	37.24 1.64 0.00	45.13 2.68 0.00	50.84 3.37 0.00	51.08 3.78 -0.01	47.74 3.70 -0.06	46.20 3.42 -0.01	42.34 3.17 0.00	41.36 3.13 -0.01	42.08 3.33 -0.01	42.21 3.34 -0.01	42.92 3.36 -0.02	46.55 3.57 0.00	54.02 4.00 -2.89	56.39 3.82 -7.62	44.90 3.63 -0.02	41.28 3.06 -0.02	39.13 2.66 -0.01	36.55 2.46 -0.01	34.29 2.06 0.00
NYPA__ASTORIA_CC1 323568	38.64 2.01 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.79 3.32 0.00	51.03 3.74 0.00	47.66 3.65 -0.03	46.16 3.38 -0.01	42.34 3.17 0.00	41.36 3.13 -0.01	42.04 3.29 -0.01	42.17 3.30 -0.01	42.86 3.32 -0.01	46.51 3.53 0.00	51.68 3.96 -0.59	48.74 3.78 -0.01	44.89 3.63 -0.01	41.22 3.02 -0.01	39.12 2.66 0.00	36.50 2.42 0.00	34.25 2.03 0.00
NYPA__ASTORIA_CC2 323569	38.64 2.01 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.79 3.32 0.00	51.03 3.74 0.00	47.66 3.65 -0.03	46.16 3.38 -0.01	42.34 3.17 0.00	41.36 3.13 -0.01	42.04 3.29 -0.01	42.17 3.30 -0.01	42.86 3.32 -0.01	46.51 3.53 0.00	51.68 3.96 -0.59	48.74 3.78 -0.01	44.89 3.63 -0.01	41.22 3.02 -0.01	39.12 2.66 0.00	36.50 2.42 0.00	34.25 2.03 0.00
NYPA__HOLTSVILL 23794	55.44 3.08 -15.74	47.45 2.74 -10.52	46.15 2.76 -10.12	46.16 2.68 -10.81	47.48 2.66 -10.79	59.04 2.88 -20.55	64.89 4.24 -18.19	68.81 5.03 -16.31	78.43 5.30 -25.84	66.31 4.93 -17.40	52.91 4.62 -5.52	51.98 4.19 -8.62	51.15 4.09 -8.84	50.97 4.26 -7.96	51.85 4.31 -8.68	52.92 4.43 -8.96	61.79 4.86 -13.95	73.99 5.42 -21.45	71.85 5.17 -21.73	64.39 4.91 -18.24	58.23 4.20 -15.83	53.65 3.76 -13.43	49.12 3.34 -11.70	45.25 2.90 -10.13
NYPA__HELLGATE_GT1 24158	38.64 2.01 0.00	35.86 1.67 0.00	34.93 1.66 0.00	34.24 1.57 0.00	35.57 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.51 3.52 -0.01	46.07 3.29 -0.01	42.22 3.06 0.00	41.25 3.02 -0.01	42.04 3.29 -0.01	42.17 3.30 -0.01	42.86 3.32 -0.01	46.55 3.57 0.00	50.95 3.82 -0.01	48.65 3.69 -0.01	44.93 3.67 -0.01	41.22 3.02 -0.01	39.12 2.66 0.00	36.60 2.52 0.00	34.32 2.09 0.00
NYPA__HELLGATE_GT2 24159	38.64 2.01 0.00	35.86 1.67 0.00	34.93 1.66 0.00	34.24 1.57 0.00	35.57 1.53 0.00	37.13 1.53 0.00	44.96 2.50 0.00	50.70 3.23 0.00	50.93 3.64 0.00	47.51 3.52 -0.01	46.07 3.29 -0.01	42.22 3.06 0.00	41.25 3.02 -0.01	42.04 3.29 -0.01	42.17 3.30 -0.01	42.86 3.32 -0.01	46.55 3.57 0.00	50.95 3.82 -0.01	48.65 3.69 -0.01	44.93 3.67 -0.01	41.22 3.02 -0.01	39.12 2.66 0.00	36.60 2.52 0.00	34.32 2.09 0.00
NYS_BARGE__HYD 23848	33.40 -3.22 0.00	31.32 -2.87 0.00	30.34 -2.93 0.00	29.80 -2.88 0.00	31.24 -2.79 0.00	33.36 -2.24 0.00	39.91 -2.55 0.00	43.25 -4.23 0.00	42.47 -4.82 0.00	39.81 -4.18 0.00	39.18 -3.59 0.00	36.07 -3.09 0.00	35.09 -3.13 0.00	35.41 -3.33 0.00	35.09 -3.77 0.00	35.82 -3.72 0.00	39.20 -3.78 0.00	42.18 -4.95 0.00	40.28 -4.68 0.00	37.21 -4.04 0.00	33.69 -4.51 0.00	32.01 -4.45 0.00	30.16 -3.92 0.00	29.10 -3.13 0.00
OAK_ORCHARD__HYD 24046	34.65 -1.98 0.00	32.38 -1.81 0.00	31.44 -1.83 0.00	30.91 -1.76 0.00	32.33 -1.70 0.00	34.29 -1.32 0.00	41.18 -1.27 0.00	45.29 -2.18 0.00	44.83 -2.46 0.00	41.87 -2.11 0.00	40.93 -1.84 0.00	37.60 -1.57 0.00	36.62 -1.60 0.00	37.00 -1.74 0.00	36.83 -2.02 0.00	37.60 -1.94 0.00	41.09 -1.89 0.00	44.53 -2.59 0.00	42.52 -2.43 0.00	39.19 -2.06 0.00	35.72 -2.48 0.00	33.95 -2.52 0.00	31.83 -2.25 0.00	30.32 -1.90 0.00
OAKDALE__35_KV_LOAD 356122	36.41 -0.22 0.00	33.98 -0.21 0.00	33.07 -0.20 0.00	32.48 -0.20 0.00	33.90 -0.14 0.00	35.71 0.11 0.00	42.88 0.42 0.00	47.71 0.24 0.00	47.34 0.05 0.00	44.07 0.09 0.00	42.98 0.21 0.00	39.40 0.23 0.00	38.45 0.23 0.00	39.01 0.27 0.00	38.97 0.12 0.00	39.73 0.20 0.00	43.20 0.21 0.00	47.27 0.14 0.00	45.09 0.13 0.00	41.41 0.16 0.00	38.24 0.04 0.00	36.13 -0.33 0.00	33.74 -0.34 0.00	32.06 -0.16 0.00
OCC_CHEM__DRP 24175	32.60 -4.03 0.00	30.57 -3.62 0.00	29.68 -3.59 0.00	29.08 -3.59 0.00	30.46 -3.57 0.00	32.54 -3.06 0.00	38.93 -3.52 0.00	42.20 -5.27 0.00	41.38 -5.91 0.00	38.71 -5.28 0.00	38.06 -4.70 0.00	35.13 -4.03 0.00	34.32 -3.90 0.00	34.87 -3.87 0.00	34.39 -4.47 0.00	35.19 -4.35 0.00	38.17 -4.81 0.00	41.00 -6.13 0.00	39.24 -5.71 0.00	36.26 -4.99 0.00	33.54 -4.66 0.00	31.25 -5.21 0.00	29.48 -4.60 0.00	28.45 -3.77 0.00

OH_GEN_PROXY 24063	33.15 -3.48 0.00	31.04 -3.14 0.00	30.11 -3.16 0.00	29.57 -3.10 0.00	30.97 -3.06 0.00	33.04 -2.56 0.00	39.56 -2.89 0.00	42.82 -4.65 0.00	42.04 -5.25 0.00	39.41 -4.58 0.00	38.84 -3.93 0.00	35.76 -3.41 0.00	34.78 -3.44 0.00	35.10 -3.64 0.00	34.82 -4.04 0.00	35.50 -4.03 0.00	38.85 -4.13 0.00	41.80 -5.33 0.00	39.96 -4.99 0.00	37.00 -4.25 0.00	33.50 -4.70 0.00	31.87 -4.60 0.00	30.06 -4.02 0.00	29.00 -3.22 0.00
OLIN_CORP_DRP 24177	32.89 -3.74 0.00	30.84 -3.35 0.00	29.94 -3.33 0.00	29.37 -3.30 0.00	30.77 -3.27 0.00	32.83 -2.78 0.00	39.23 -3.23 0.00	42.53 -4.94 0.00	41.76 -5.53 0.00	39.01 -4.97 0.00	38.36 -4.41 0.00	35.37 -3.80 0.00	34.55 -3.67 0.00	35.14 -3.60 0.00	34.66 -4.20 0.00	35.46 -4.07 0.00	38.47 -4.51 0.00	41.33 -5.80 0.00	39.56 -5.39 0.00	36.55 -4.70 0.00	33.77 -4.43 0.00	31.47 -5.00 0.00	29.65 -4.43 0.00	28.61 -3.61 0.00
OLIN_CORP_DSASP 323712	32.60 -4.03 0.00	30.56 -3.62 0.00	29.61 -3.66 0.00	29.08 -3.59 0.00	30.46 -3.57 0.00	32.54 -3.06 0.00	38.93 -3.52 0.00	42.06 -5.41 0.00	41.24 -6.05 0.00	38.71 -5.28 0.00	38.15 -4.62 0.00	35.13 -4.03 0.00	34.17 -4.05 0.00	34.48 -4.26 0.00	34.15 -4.70 0.00	34.87 -4.67 0.00	38.12 -4.86 0.00	41.00 -6.13 0.00	39.15 -5.80 0.00	36.26 -4.99 0.00	32.85 -5.35 0.00	31.25 -5.22 0.00	29.48 -4.60 0.00	28.48 -3.74 0.00
ONEIDA_HERK_LFGE 323681	36.92 0.29 0.00	34.50 0.31 0.00	33.51 0.23 0.00	32.91 0.23 0.00	34.30 0.27 0.00	36.07 0.46 0.00	43.43 0.98 0.00	48.70 1.23 0.00	48.52 1.23 0.00	45.30 1.32 0.00	44.05 1.28 0.00	40.30 1.14 0.00	39.29 1.07 0.00	39.79 1.05 0.00	39.91 1.05 0.00	40.64 1.11 0.00	44.23 1.25 0.00	48.30 1.18 0.00	45.90 0.95 0.00	42.03 0.78 0.00	38.77 0.57 0.00	36.83 0.36 0.00	34.32 0.24 0.00	32.42 0.19 0.00
ONEIDA___115KV_TB4 55905	37.29 0.66 0.00	34.84 0.65 0.00	33.87 0.60 0.00	33.30 0.62 0.00	34.75 0.71 0.00	36.60 1.00 0.00	44.11 1.66 0.00	49.37 1.90 0.00	49.13 1.84 0.00	45.74 1.76 0.00	44.52 1.75 0.00	40.73 1.57 0.00	39.71 1.49 0.00	40.22 1.47 0.00	40.29 1.44 0.00	41.08 1.54 0.00	44.61 1.63 0.00	48.77 1.65 0.00	46.39 1.44 0.00	42.57 1.32 0.00	39.31 1.11 0.00	37.23 0.77 0.00	34.70 0.61 0.00	32.80 0.58 0.00
ONONDAGA_REF_OCCRA 23987	35.93 -0.70 0.00	33.57 -0.62 0.00	32.64 -0.63 0.00	32.05 -0.62 0.00	33.45 -0.58 0.00	35.18 -0.43 0.00	42.24 -0.21 0.00	47.19 -0.28 0.00	46.91 -0.38 0.00	43.63 -0.35 0.00	42.51 -0.26 0.00	38.93 -0.23 0.00	37.99 -0.23 0.00	38.55 -0.19 0.00	38.55 -0.31 0.00	39.30 -0.24 0.00	42.72 -0.26 0.00	46.75 -0.38 0.00	44.64 -0.31 0.00	40.96 -0.29 0.00	37.82 -0.38 0.00	35.84 -0.62 0.00	33.43 -0.65 0.00	31.64 -0.58 0.00
ONONDAGA___COGEN 23986	35.97 -0.66 0.00	33.57 -0.62 0.00	32.67 -0.60 0.00	32.09 -0.59 0.00	33.45 -0.58 0.00	35.21 -0.39 0.00	42.24 -0.21 0.00	47.14 -0.33 0.00	46.86 -0.43 0.00	43.59 -0.40 0.00	42.43 -0.34 0.00	38.89 -0.27 0.00	37.95 -0.27 0.00	38.47 -0.27 0.00	38.51 -0.35 0.00	39.22 -0.32 0.00	42.64 -0.34 0.00	46.70 -0.42 0.00	44.55 -0.40 0.00	40.88 -0.37 0.00	37.78 -0.42 0.00	35.81 -0.66 0.00	33.43 -0.65 0.00	31.64 -0.58 0.00
ONTARIO___LFGE 23819	36.00 -0.62 0.00	33.71 -0.48 0.00	32.77 -0.50 0.00	32.25 -0.43 0.00	33.73 -0.31 0.00	35.64 0.04 0.00	42.88 0.42 0.00	47.57 0.10 0.00	47.06 -0.24 0.00	43.81 -0.18 0.00	42.77 0.00 0.00	39.20 0.04 0.00	38.14 -0.08 0.00	38.67 -0.08 0.00	38.59 -0.27 0.00	39.34 -0.20 0.00	42.94 -0.04 0.00	46.89 -0.23 0.00	44.73 -0.22 0.00	41.08 -0.16 0.00	37.51 -0.69 0.00	35.69 -0.77 0.00	33.26 -0.82 0.00	31.64 -0.58 0.00
ORANGEVILLE_WT_PWR 323706	34.36 -2.27 0.00	32.17 -2.02 0.00	31.28 -2.00 0.00	30.72 -1.96 0.00	32.23 -1.80 0.00	34.32 -1.28 0.00	41.18 -1.27 0.00	44.95 -2.52 0.00	44.22 -3.07 0.00	41.35 -2.64 0.00	40.72 -2.05 0.00	37.40 -1.76 0.00	36.42 -1.80 0.00	36.81 -1.94 0.00	36.53 -2.33 0.00	37.20 -2.33 0.00	40.66 -2.32 0.00	44.01 -3.11 0.00	41.94 -3.01 0.00	38.57 -2.68 0.00	34.99 -3.21 0.00	33.18 -3.28 0.00	31.08 -3.00 0.00	29.87 -2.35 0.00
ORANGEVILLE___ESR 323794	34.36 -2.27 0.00	32.17 -2.02 0.00	31.28 -2.00 0.00	30.72 -1.96 0.00	32.23 -1.80 0.00	34.32 -1.28 0.00	41.18 -1.27 0.00	44.95 -2.52 0.00	44.22 -3.07 0.00	41.35 -2.64 0.00	40.72 -2.05 0.00	37.40 -1.76 0.00	36.42 -1.80 0.00	36.81 -1.94 0.00	36.53 -2.33 0.00	37.20 -2.33 0.00	40.66 -2.32 0.00	44.01 -3.11 0.00	41.94 -3.01 0.00	38.57 -2.68 0.00	34.99 -3.21 0.00	33.18 -3.28 0.00	31.08 -3.00 0.00	29.87 -2.35 0.00
OSWEGATCHIE___HYD 24044	35.90 -0.73 0.00	33.54 -0.65 0.00	32.57 -0.70 0.00	31.96 -0.72 0.00	33.32 -0.72 0.00	34.68 -0.93 0.00	41.22 -1.23 0.00	46.38 -1.09 0.00	46.25 -1.04 0.00	43.19 -0.79 0.00	42.00 -0.77 0.00	38.38 -0.78 0.00	37.42 -0.80 0.00	37.89 -0.85 0.00	38.04 -0.82 0.00	38.70 -0.83 0.00	42.16 -0.82 0.00	46.09 -1.04 0.00	43.78 -1.17 0.00	39.97 -1.28 0.00	37.09 -1.11 0.00	35.37 -1.09 0.00	33.03 -1.06 0.00	31.38 -0.84 0.00
OSWEGO___5 23606	35.34 -1.28 0.00	32.99 -1.20 0.00	32.11 -1.17 0.00	31.53 -1.14 0.00	32.88 -1.16 0.00	34.54 -1.07 0.00	41.35 -1.10 0.00	46.14 -1.33 0.00	45.87 -1.42 0.00	42.71 -1.28 0.00	41.57 -1.20 0.00	38.07 -1.10 0.00	37.15 -1.07 0.00	37.66 -1.08 0.00	37.73 -1.13 0.00	38.39 -1.15 0.00	41.78 -1.20 0.00	45.71 -1.41 0.00	43.65 -1.31 0.00	40.05 -1.20 0.00	36.90 -1.30 0.00	35.18 -1.28 0.00	32.86 -1.23 0.00	31.09 -1.13 0.00
OSWEGO___6 23613	35.34 -1.28 0.00	32.99 -1.20 0.00	32.11 -1.17 0.00	31.53 -1.14 0.00	32.88 -1.16 0.00	34.54 -1.07 0.00	41.35 -1.10 0.00	46.14 -1.33 0.00	45.87 -1.42 0.00	42.71 -1.28 0.00	41.57 -1.20 0.00	38.07 -1.10 0.00	37.15 -1.07 0.00	37.66 -1.08 0.00	37.73 -1.13 0.00	38.39 -1.15 0.00	41.78 -1.20 0.00	45.71 -1.41 0.00	43.65 -1.31 0.00	40.05 -1.20 0.00	36.90 -1.30 0.00	35.18 -1.28 0.00	32.86 -1.23 0.00	31.09 -1.13 0.00
OUTOKUMPU-AB___DRP 24206	33.59 -3.04 0.00	31.49 -2.70 0.00	30.54 -2.73 0.00	29.96 -2.71 0.00	31.41 -2.62 0.00	33.54 -2.07 0.00	40.16 -2.29 0.00	43.67 -3.80 0.00	42.89 -4.40 0.00	40.11 -3.87 0.00	39.43 -3.34 0.00	36.34 -2.82 0.00	35.51 -2.71 0.00	36.07 -2.67 0.00	35.59 -3.26 0.00	36.37 -3.16 0.00	39.50 -3.48 0.00	42.51 -4.62 0.00	40.59 -4.36 0.00	37.45 -3.79 0.00	34.61 -3.59 0.00	32.23 -4.23 0.00	30.30 -3.78 0.00	29.23 -3.00 0.00
OXBOW___BTM 323836	33.11 -3.52 0.00	31.04 -3.14 0.00	30.08 -3.19 0.00	29.54 -3.14 0.00	30.97 -3.06 0.00	33.08 -2.53 0.00	39.56 -2.89 0.00	42.82 -4.65 0.00	42.04 -5.25 0.00	39.46 -4.53 0.00	38.88 -3.89 0.00	35.80 -3.37 0.00	34.82 -3.40 0.00	35.14 -3.60 0.00	34.82 -4.04 0.00	35.50 -4.03 0.00	38.85 -4.13 0.00	41.80 -5.33 0.00	39.92 -5.03 0.00	36.92 -4.33 0.00	33.42 -4.78 0.00	31.76 -4.70 0.00	29.92 -4.16 0.00	28.87 -3.35 0.00

OXBOW____ 24026	33.11 -3.52 0.00	31.04 -3.15 0.00	30.11 -3.16 0.00	29.54 -3.14 0.00	30.97 -3.06 0.00	33.08 -2.53 0.00	39.56 -2.89 0.00	42.96 -4.51 0.00	42.18 -5.11 0.00	39.45 -4.53 0.00	38.79 -3.98 0.00	35.80 -3.37 0.00	34.97 -3.25 0.00	35.53 -3.22 0.00	35.05 -3.81 0.00	35.82 -3.72 0.00	38.85 -4.13 0.00	41.80 -5.33 0.00	39.96 -4.99 0.00	36.92 -4.33 0.00	34.11 -4.09 0.00	31.76 -4.70 0.00	29.92 -4.16 0.00	28.84 -3.38 0.00
OXY_CHEM_DSASP 323612	32.60 -4.03 0.00	30.57 -3.62 0.00	29.68 -3.59 0.00	29.08 -3.59 0.00	30.46 -3.57 0.00	32.54 -3.06 0.00	38.93 -3.52 0.00	42.20 -5.27 0.00	41.38 -5.91 0.00	38.71 -5.28 0.00	38.06 -4.70 0.00	35.13 -4.03 0.00	34.32 -3.90 0.00	34.87 -3.87 0.00	34.39 -4.47 0.00	35.19 -4.35 0.00	38.17 -4.81 0.00	41.00 -6.13 0.00	39.24 -5.71 0.00	36.26 -4.99 0.00	33.54 -4.66 0.00	31.25 -5.21 0.00	29.48 -4.60 0.00	28.45 -3.77 0.00
OZONE_PARK_ESR 323760	38.86 2.23 0.00	36.14 1.95 0.00	35.20 1.93 0.00	34.54 1.86 0.00	35.84 1.80 0.00	37.49 1.89 0.00	45.42 2.97 0.00	51.08 3.61 0.00	51.26 3.97 0.00	47.90 3.91 0.00	46.45 3.68 0.00	42.53 3.37 0.00	41.62 3.40 0.00	42.19 3.45 0.00	42.35 3.50 0.00	43.01 3.48 0.00	46.76 3.78 0.00	51.37 4.24 0.00	49.00 4.05 0.00	45.12 3.88 0.00	41.64 3.44 0.00	39.34 2.88 0.00	36.71 2.62 0.00	34.45 2.22 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.60 -4.03 0.00	30.57 -3.62 0.00	29.68 -3.59 0.00	29.08 -3.59 0.00	30.46 -3.57 0.00	32.54 -3.06 0.00	38.93 -3.52 0.00	42.20 -5.27 0.00	41.38 -5.91 0.00	38.71 -5.28 0.00	38.06 -4.70 0.00	35.13 -4.03 0.00	34.32 -3.90 0.00	34.87 -3.87 0.00	34.39 -4.47 0.00	35.19 -4.35 0.00	38.17 -4.81 0.00	41.00 -6.13 0.00	39.24 -5.71 0.00	36.26 -4.99 0.00	33.54 -4.66 0.00	31.25 -5.21 0.00	29.48 -4.60 0.00	28.45 -3.77 0.00
PACKARD__115KV_DUPONT_184 80571	32.60 -4.03 0.00	30.57 -3.62 0.00	29.68 -3.59 0.00	29.08 -3.59 0.00	30.46 -3.57 0.00	32.54 -3.06 0.00	38.93 -3.52 0.00	42.20 -5.27 0.00	41.38 -5.91 0.00	38.71 -5.28 0.00	38.06 -4.70 0.00	35.13 -4.03 0.00	34.32 -3.90 0.00	34.87 -3.87 0.00	34.39 -4.47 0.00	35.19 -4.35 0.00	38.17 -4.81 0.00	41.00 -6.13 0.00	39.24 -5.71 0.00	36.26 -4.99 0.00	33.54 -4.66 0.00	31.25 -5.21 0.00	29.48 -4.60 0.00	28.45 -3.77 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	38.61 1.98 0.00	35.83 1.64 0.00	34.90 1.63 0.00	34.21 1.54 0.00	35.50 1.46 0.00	37.06 1.46 0.00	44.87 2.42 0.00	50.56 3.09 0.00	50.79 3.50 0.00	47.47 3.47 -0.01	46.11 3.34 -0.01	42.14 2.98 0.00	41.32 3.10 -0.01	41.89 3.14 -0.01	42.05 3.19 -0.01	42.67 3.12 -0.01	46.42 3.44 0.00	50.90 3.77 -0.01	48.56 3.60 -0.01	44.80 3.55 -0.01	41.30 3.09 -0.01	39.05 2.59 0.00	36.50 2.42 0.00	34.22 2.00 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.01 2.38 0.00	36.24 2.05 0.00	35.30 2.03 0.00	34.60 1.93 0.00	35.90 1.87 0.00	37.49 1.89 0.00	45.38 2.93 0.00	51.13 3.66 0.00	51.36 4.07 0.00	47.95 3.96 -0.01	46.63 3.85 -0.01	42.61 3.45 0.00	41.74 3.52 -0.01	42.32 3.56 -0.01	42.48 3.61 -0.01	43.14 3.60 -0.01	46.94 3.95 0.00	51.47 4.34 -0.01	49.05 4.09 -0.01	45.30 4.04 -0.01	41.76 3.55 -0.01	39.45 2.99 0.00	36.91 2.83 0.00	34.61 2.38 0.00
PATROON__115KV_TB1 80586	38.09 1.47 0.00	35.59 1.40 0.00	34.67 1.40 0.00	34.05 1.37 0.00	35.43 1.40 0.00	37.06 1.46 0.00	44.40 1.95 0.00	49.65 2.18 0.00	49.04 1.75 0.00	45.35 1.36 0.00	44.01 1.24 0.00	40.46 1.29 0.00	39.48 1.26 0.00	40.02 1.28 0.00	40.22 1.36 0.00	40.88 1.34 0.00	44.31 1.33 0.00	48.68 1.56 0.00	46.48 1.53 0.00	42.69 1.44 0.00	39.61 1.41 0.00	37.66 1.20 0.00	35.58 1.50 0.00	33.58 1.35 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.50 -2.12 0.00	32.27 -1.91 0.00	31.34 -1.93 0.00	30.75 -1.93 0.00	32.26 -1.77 0.00	34.39 -1.21 0.00	41.26 -1.19 0.00	44.91 -2.56 0.00	44.12 -3.17 0.00	41.21 -2.77 0.00	40.55 -2.22 0.00	37.36 -1.80 0.00	36.50 -1.72 0.00	37.04 -1.70 0.00	36.56 -2.29 0.00	37.36 -2.17 0.00	40.57 -2.41 0.00	43.87 -3.25 0.00	41.85 -3.10 0.00	38.53 -2.72 0.00	35.52 -2.67 0.00	33.11 -3.35 0.00	31.01 -3.07 0.00	30.10 -2.13 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	38.79 2.16 0.00	36.10 1.91 0.00	35.17 1.90 0.00	34.57 1.90 0.00	35.73 1.70 0.00	37.46 1.85 0.00	45.17 2.72 0.00	50.70 3.23 0.00	50.88 3.59 0.00	47.37 3.39 0.00	46.06 3.29 0.00	42.02 2.86 0.00	41.09 2.87 0.00	41.65 2.91 0.00	41.81 2.95 0.00	42.54 3.00 0.00	46.25 3.27 0.00	50.89 3.77 0.00	48.59 3.64 0.00	44.67 3.42 0.00	41.22 3.02 0.00	38.98 2.52 0.00	36.33 2.25 0.00	34.19 1.97 0.00
PEEKSKILL____ 23653	38.39 1.76 0.00	35.73 1.54 0.00	34.84 1.56 0.00	34.18 1.50 0.00	35.46 1.43 0.00	37.06 1.46 0.00	44.78 2.33 0.00	50.32 2.85 0.00	50.46 3.17 0.00	47.02 3.03 0.00	45.59 2.82 0.00	41.75 2.58 0.00	40.78 2.56 0.00	41.45 2.71 0.00	41.58 2.72 0.00	42.30 2.77 0.00	45.91 2.92 0.00	50.47 3.35 0.00	48.14 3.19 0.00	44.30 3.05 0.00	40.72 2.52 0.00	38.69 2.22 0.00	36.09 2.01 0.00	33.96 1.74 0.00
PGE MADISON__WINDPWR 24146	39.01 2.38 0.00	36.48 2.29 0.00	35.40 2.13 0.00	34.83 2.16 0.00	36.48 2.45 0.00	38.77 3.17 0.00	47.16 4.71 0.00	52.93 5.46 0.00	52.30 5.01 0.00	48.56 4.57 0.00	47.43 4.66 0.00	43.43 4.27 0.00	42.16 3.94 0.00	42.85 4.10 0.00	42.90 4.04 0.00	43.68 4.15 0.00	48.01 5.03 0.00	52.59 5.46 0.00	49.98 5.03 0.00	45.83 4.58 0.00	41.94 3.75 0.00	39.67 3.21 0.00	36.81 2.73 0.00	34.80 2.58 0.00
PIERCEFIELD__HYD 23852	36.55 -0.07 0.00	34.16 -0.03 0.00	33.20 -0.07 0.00	32.58 -0.10 0.00	33.96 -0.07 0.00	35.03 -0.57 0.00	41.14 -1.32 0.00	46.24 -1.23 0.00	46.11 -1.18 0.00	42.93 -1.06 0.00	41.79 -0.98 0.00	38.22 -0.94 0.00	37.23 -0.99 0.00	37.70 -1.05 0.00	37.85 -1.01 0.00	38.47 -1.07 0.00	41.82 -1.16 0.00	45.90 -1.23 0.00	43.60 -1.35 0.00	39.85 -1.40 0.00	36.98 -1.22 0.00	35.62 -0.84 0.00	33.40 -0.68 0.00	31.90 -0.32 0.00
PINELAWN_CC_1 323563	55.19 2.82 -15.74	47.24 2.53 -10.52	45.89 2.50 -10.12	45.90 2.42 -10.81	47.24 2.42 -10.79	58.75 2.60 -20.55	64.47 3.82 -18.19	68.29 4.51 -16.31	77.96 4.83 -25.84	65.91 4.53 -17.40	52.53 4.24 -5.52	51.66 3.88 -8.62	50.85 3.78 -8.84	50.70 3.99 -7.96	51.54 4.00 -8.68	52.60 4.11 -8.96	61.36 4.43 -13.95	73.52 4.95 -21.45	71.45 4.76 -21.73	63.98 4.50 -18.24	57.84 3.82 -15.83	53.32 3.43 -13.43	48.88 3.10 -11.70	45.06 2.71 -10.13
PJM_GEN_HTP_PROXY 323702	38.49 1.87 0.00	35.83 1.64 0.00	34.90 1.63 0.00	34.24 1.57 0.00	35.57 1.53 0.00	37.21 1.60 0.00	45.00 2.55 0.00	50.60 3.13 0.00	50.74 3.45 0.00	47.33 3.34 0.00	45.85 3.08 0.00	42.06 2.90 0.00	41.09 2.87 0.00	41.80 3.06 0.00	41.93 3.07 0.00	42.62 3.09 0.00	46.21 3.23 0.00	50.75 3.63 0.00	48.41 3.46 0.00	44.59 3.34 0.00	40.95 2.75 0.00	38.90 2.44 0.00	36.30 2.21 0.00	34.09 1.87 0.00

PJM_GEN_KEYSTONE 24065	36.15 -0.48 0.00	32.20 -0.45 1.54	31.22 -0.43 1.62	31.22 -0.43 1.03	32.60 -0.44 0.99	34.20 -0.21 1.19	42.23 0.13 0.35	47.23 -0.24 0.00	44.40 -0.33 2.56	42.20 -0.18 1.61	42.77 0.00 0.00	39.24 0.08 0.00	38.26 0.04 0.00	38.82 0.08 0.00	38.78 -0.08 0.00	39.46 -0.08 0.00	42.10 -0.04 0.84	46.89 -0.23 0.00	44.77 -0.18 0.00	41.21 -0.04 0.00	37.70 -0.50 0.00	35.81 -0.66 0.00	33.50 -0.58 0.00	31.90 -0.32 0.00
PJM_GEN_NEPTUNE_PROXY 323594	48.44 2.27 -9.54	42.59 2.02 -6.38	41.44 2.03 -6.14	41.19 1.96 -6.55	42.51 1.94 -6.54	50.09 2.03 -12.46	56.50 3.01 -11.03	60.92 3.56 -9.89	66.84 3.88 -15.67	58.23 3.70 -10.55	49.58 3.46 -3.35	47.60 3.21 -5.23	46.72 3.13 -5.36	46.86 3.29 -4.83	47.46 3.34 -5.26	48.32 3.36 -5.43	55.01 3.57 -8.46	64.19 4.05 -13.01	62.00 3.87 -13.18	55.98 3.67 -11.06	50.85 3.06 -9.60	47.38 2.77 -8.15	43.70 2.52 -7.09	40.58 2.22 -6.14
PJM_GEN_VFT_PROXY 323633	38.34 1.72 0.01	35.65 1.47 0.01	34.73 1.46 0.01	34.07 1.40 0.01	35.39 1.36 0.01	36.98 1.39 0.01	44.78 2.33 0.01	50.36 2.90 0.01	50.55 3.26 0.00	47.19 3.21 0.00	45.72 2.95 0.00	41.95 2.78 0.00	40.97 2.75 0.00	41.65 2.91 0.00	41.77 2.92 0.00	42.46 2.93 0.00	46.08 3.10 0.00	50.56 3.44 0.00	48.23 3.28 0.00	44.42 3.18 0.00	40.80 2.60 0.00	38.80 2.34 0.00	36.20 2.11 0.00	33.96 1.74 0.00
PLATSBRG_115KV_PMLD1 355749	38.42 1.79 0.00	35.86 1.68 0.00	34.84 1.56 0.00	34.18 1.50 0.00	35.67 1.63 0.00	37.17 1.57 0.00	43.34 0.89 0.00	48.56 1.09 0.00	48.38 1.09 0.00	45.00 1.01 0.00	43.92 1.15 0.00	40.22 1.06 0.00	39.14 0.92 0.00	39.63 0.89 0.00	39.75 0.89 0.00	40.40 0.87 0.00	43.80 0.82 0.00	48.16 1.04 0.00	45.72 0.76 0.00	41.54 0.29 0.00	38.43 0.23 0.00	36.86 0.40 0.00	34.35 0.27 0.00	32.93 0.71 0.00
PLEASANTVLY___LBMP 24000	38.28 1.65 0.00	35.66 1.47 0.00	34.74 1.46 0.00	34.11 1.44 0.00	35.43 1.40 0.00	37.06 1.46 0.00	44.66 2.21 0.00	50.08 2.61 0.00	50.13 2.84 0.00	46.67 2.68 0.00	45.34 2.57 0.00	41.44 2.27 0.00	40.51 2.29 0.00	41.07 2.32 0.00	41.27 2.41 0.00	41.95 2.41 0.00	45.60 2.62 0.00	50.09 2.97 0.00	47.83 2.88 0.00	43.97 2.72 0.00	40.57 2.37 0.00	38.47 2.01 0.00	35.92 1.84 0.00	33.83 1.61 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.42 1.79 0.00	35.80 1.61 0.00	34.87 1.60 0.00	34.24 1.57 0.00	35.53 1.50 0.00	37.17 1.57 0.00	44.91 2.46 0.00	50.41 2.94 0.00	50.51 3.22 0.00	47.06 3.08 0.00	45.72 2.95 0.00	41.83 2.66 0.00	40.90 2.68 0.00	41.46 2.71 0.00	41.62 2.76 0.00	42.30 2.77 0.00	45.99 3.01 0.00	50.52 3.39 0.00	48.23 3.28 0.00	44.34 3.09 0.00	40.91 2.71 0.00	38.76 2.30 0.00	36.16 2.08 0.00	34.03 1.80 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.42 1.79 0.00	35.80 1.61 0.00	34.87 1.60 0.00	34.24 1.57 0.00	35.53 1.50 0.00	37.17 1.57 0.00	44.91 2.46 0.00	50.41 2.94 0.00	50.51 3.22 0.00	47.06 3.08 0.00	45.72 2.95 0.00	41.83 2.66 0.00	40.90 2.68 0.00	41.46 2.71 0.00	41.62 2.76 0.00	42.30 2.77 0.00	45.99 3.01 0.00	50.52 3.39 0.00	48.23 3.28 0.00	44.34 3.09 0.00	40.91 2.71 0.00	38.76 2.30 0.00	36.16 2.08 0.00	34.03 1.80 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.53 1.90 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.34 1.67 0.00	35.63 1.60 0.00	37.31 1.71 0.00	45.00 2.55 0.00	50.37 2.90 0.00	50.46 3.17 0.00	46.98 2.99 0.00	45.55 2.78 0.00	41.67 2.51 0.00	40.67 2.45 0.00	41.22 2.48 0.00	41.46 2.60 0.00	42.14 2.61 0.00	45.86 2.88 0.00	50.38 3.25 0.00	48.14 3.19 0.00	44.22 2.97 0.00	40.80 2.60 0.00	38.69 2.22 0.00	36.13 2.04 0.00	33.99 1.77 0.00
POLETTI_____ 23519	38.53 1.90 0.00	35.83 1.64 0.00	34.90 1.63 0.00	34.24 1.57 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.00 2.55 0.00	50.56 3.09 0.00	50.74 3.45 0.00	47.42 3.43 0.00	45.93 3.16 0.00	42.06 2.90 0.00	41.16 2.94 0.00	41.73 2.98 0.00	41.89 3.03 0.00	42.50 2.97 0.00	46.20 3.22 0.00	50.75 3.63 0.00	48.41 3.46 0.00	44.59 3.34 0.00	41.10 2.90 0.00	38.90 2.44 0.00	36.33 2.25 0.00	34.09 1.87 0.00
POMONA___ESR 323819	38.13 1.50 0.00	35.52 1.33 0.00	34.64 1.36 0.00	34.01 1.34 0.00	35.29 1.26 0.00	36.88 1.28 0.00	44.53 2.08 0.00	49.98 2.51 0.00	50.08 2.79 0.00	46.67 2.68 0.00	45.25 2.48 0.00	41.47 2.31 0.00	40.47 2.25 0.00	41.15 2.40 0.00	41.31 2.45 0.00	41.99 2.45 0.00	45.56 2.58 0.00	50.10 2.97 0.00	47.83 2.88 0.00	43.97 2.72 0.00	40.41 2.21 0.00	38.43 1.97 0.00	35.89 1.81 0.00	33.77 1.55 0.00
PORT_JEFF_3 23555	55.55 3.19 -15.74	47.55 2.84 -10.52	46.25 2.86 -10.12	46.26 2.78 -10.81	47.58 2.76 -10.79	59.18 3.02 -20.55	65.02 4.37 -18.19	69.00 5.22 -16.31	78.61 5.48 -25.84	66.48 5.10 -17.40	53.08 4.79 -5.52	52.17 4.39 -8.62	51.30 4.24 -8.84	51.12 4.42 -7.96	52.01 4.47 -8.68	53.07 4.58 -8.96	62.00 5.07 -13.95	74.13 5.56 -21.45	71.99 5.30 -21.73	64.60 5.11 -18.24	58.38 4.35 -15.83	53.80 3.90 -13.43	49.26 3.48 -11.70	45.38 3.03 -10.13
PORT_JEFF_4 23616	55.55 3.19 -15.74	47.55 2.84 -10.52	46.25 2.86 -10.12	46.26 2.78 -10.81	47.58 2.76 -10.79	59.18 3.02 -20.55	65.02 4.37 -18.19	69.00 5.22 -16.31	78.61 5.48 -25.84	66.48 5.10 -17.40	53.08 4.79 -5.52	52.17 4.39 -8.62	51.30 4.24 -8.84	51.12 4.42 -7.96	52.01 4.47 -8.68	53.07 4.58 -8.96	62.00 5.07 -13.95	74.13 5.56 -21.45	71.99 5.30 -21.73	64.60 5.11 -18.24	58.38 4.35 -15.83	53.80 3.90 -13.43	49.26 3.48 -11.70	45.38 3.03 -10.13
PORT_JEFF_IC 23713	55.59 3.22 -15.74	47.58 2.87 -10.52	46.25 2.86 -10.12	46.26 2.78 -10.81	47.58 2.76 -10.79	59.18 3.02 -20.55	65.06 4.41 -18.19	69.00 5.22 -16.31	78.61 5.48 -25.84	66.53 5.14 -17.40	53.08 4.79 -5.52	52.17 4.39 -8.62	51.34 4.28 -8.84	51.16 4.45 -7.96	52.04 4.51 -8.68	53.11 4.62 -8.96	62.00 5.07 -13.95	74.09 5.51 -21.45	71.94 5.26 -21.73	64.64 5.16 -18.24	58.42 4.39 -15.83	53.84 3.94 -13.43	49.29 3.51 -11.70	45.41 3.06 -10.13
PPL PILGRIM_ST_GT1 24216	55.62 3.26 -15.74	47.61 2.90 -10.52	46.28 2.89 -10.12	46.29 2.81 -10.81	47.65 2.82 -10.79	59.22 3.06 -20.55	65.06 4.41 -18.19	69.00 5.22 -16.31	78.61 5.48 -25.84	66.48 5.10 -17.40	53.08 4.79 -5.52	52.17 4.39 -8.62	51.30 4.24 -8.84	51.16 4.45 -7.96	52.01 4.47 -8.68	53.07 4.58 -8.96	61.96 5.03 -13.95	74.18 5.61 -21.45	72.03 5.35 -21.73	64.56 5.07 -18.24	58.38 4.35 -15.83	53.80 3.90 -13.43	49.26 3.48 -11.70	45.38 3.03 -10.13
PPL PILGRIM_ST_GT2 24217	55.62 3.26 -15.74	47.61 2.90 -10.52	46.28 2.89 -10.12	46.29 2.81 -10.81	47.65 2.82 -10.79	59.22 3.06 -20.55	65.06 4.41 -18.19	69.00 5.22 -16.31	78.61 5.48 -25.84	66.48 5.10 -17.40	53.08 4.79 -5.52	52.17 4.39 -8.62	51.30 4.24 -8.84	51.16 4.45 -7.96	52.01 4.47 -8.68	53.07 4.58 -8.96	61.96 5.03 -13.95	74.18 5.61 -21.45	72.03 5.35 -21.73	64.56 5.07 -18.24	58.38 4.35 -15.83	53.80 3.90 -13.43	49.26 3.48 -11.70	45.38 3.03 -10.13

PPL_SHRM_GT3 24213	55.73 3.37 -15.74	47.68 2.97 -10.52	46.39 3.00 -10.12	46.39 2.91 -10.81	47.71 2.89 -10.79	59.36 3.21 -20.55	65.27 4.63 -18.19	69.33 5.55 -16.31	78.95 5.82 -25.84	66.75 5.36 -17.40	53.34 5.04 -5.52	52.36 4.58 -8.62	51.49 4.43 -8.84	51.31 4.61 -7.96	52.20 4.66 -8.68	53.31 4.82 -8.96	62.30 5.37 -13.95	74.61 6.03 -21.45	72.44 5.76 -21.73	64.93 5.44 -18.24	58.68 4.66 -15.83	54.05 4.16 -13.43	49.46 3.68 -11.70	45.54 3.19 -10.13
PPL_SHRM_GT4 24214	55.73 3.37 -15.74	47.68 2.97 -10.52	46.39 3.00 -10.12	46.39 2.91 -10.81	47.71 2.89 -10.79	59.36 3.21 -20.55	65.27 4.63 -18.19	69.33 5.55 -16.31	78.95 5.82 -25.84	66.75 5.36 -17.40	53.34 5.04 -5.52	52.36 4.58 -8.62	51.49 4.43 -8.84	51.31 4.61 -7.96	52.20 4.66 -8.68	53.31 4.82 -8.96	62.30 5.37 -13.95	74.61 6.03 -21.45	72.44 5.76 -21.73	64.93 5.44 -18.24	58.68 4.66 -15.83	54.05 4.16 -13.43	49.46 3.68 -11.70	45.54 3.19 -10.13
PROJECT___ORANGE 1 24174	35.71 -0.92 0.00	33.33 -0.85 0.00	32.44 -0.83 0.00	31.86 -0.82 0.00	33.25 -0.78 0.00	34.96 -0.64 0.00	41.94 -0.51 0.00	46.85 -0.62 0.00	46.58 -0.71 0.00	43.32 -0.66 0.00	42.21 -0.56 0.00	38.69 -0.47 0.00	37.72 -0.50 0.00	38.28 -0.46 0.00	38.31 -0.54 0.00	39.02 -0.51 0.00	42.38 -0.60 0.00	46.37 -0.75 0.00	44.28 -0.67 0.00	40.63 -0.62 0.00	37.51 -0.69 0.00	35.55 -0.91 0.00	33.20 -0.89 0.00	31.42 -0.81 0.00
PROJECT___ORANGE 2 24166	35.71 -0.92 0.00	33.33 -0.85 0.00	32.44 -0.83 0.00	31.86 -0.82 0.00	33.25 -0.78 0.00	34.96 -0.64 0.00	41.94 -0.51 0.00	46.85 -0.62 0.00	46.58 -0.71 0.00	43.32 -0.66 0.00	42.21 -0.56 0.00	38.69 -0.47 0.00	37.72 -0.50 0.00	38.28 -0.46 0.00	38.31 -0.54 0.00	39.02 -0.51 0.00	42.38 -0.60 0.00	46.37 -0.75 0.00	44.28 -0.67 0.00	40.63 -0.62 0.00	37.51 -0.69 0.00	35.55 -0.91 0.00	33.20 -0.89 0.00	31.42 -0.81 0.00
PUCKETT___SOLAR 323809	37.14 0.51 0.00	34.70 0.51 0.00	33.74 0.47 0.00	33.13 0.46 0.00	34.61 0.58 0.00	36.53 0.92 0.00	44.02 1.57 0.00	49.09 1.61 0.00	48.66 1.37 0.00	45.26 1.28 0.00	44.18 1.41 0.00	40.46 1.29 0.00	39.41 1.19 0.00	39.95 1.20 0.00	39.98 1.13 0.00	40.80 1.26 0.00	44.48 1.50 0.00	48.73 1.60 0.00	46.48 1.53 0.00	42.65 1.40 0.00	39.11 0.92 0.00	37.12 0.66 0.00	34.59 0.51 0.00	32.83 0.61 0.00
PYRITES___HYD 24023	37.29 0.66 0.00	34.84 0.65 0.00	33.84 0.57 0.00	33.20 0.52 0.00	34.61 0.58 0.00	35.82 0.21 0.00	42.24 -0.21 0.00	47.57 0.09 0.00	47.43 0.14 0.00	44.16 0.18 0.00	42.98 0.21 0.00	39.24 0.08 0.00	38.22 0.00 0.00	38.70 -0.04 0.00	38.86 0.00 0.00	39.42 -0.12 0.00	42.90 -0.09 0.00	47.08 -0.05 0.00	44.73 -0.22 0.00	40.88 -0.37 0.00	37.97 -0.23 0.00	36.53 0.07 0.00	34.15 0.07 0.00	32.51 0.29 0.00
QUAKERRD_115KV_BK1 80622	34.14 -2.49 0.00	31.90 -2.29 0.00	31.01 -2.26 0.00	30.45 -2.22 0.00	31.85 -2.18 0.00	33.72 -1.89 0.00	40.46 -2.00 0.00	44.76 -2.71 0.00	44.36 -2.93 0.00	41.35 -2.64 0.00	40.29 -2.48 0.00	37.05 -2.11 0.00	36.12 -2.10 0.00	36.65 -2.09 0.00	36.49 -2.37 0.00	37.24 -2.29 0.00	40.53 -2.45 0.00	44.01 -3.11 0.00	42.07 -2.88 0.00	38.65 -2.60 0.00	35.68 -2.52 0.00	33.62 -2.84 0.00	31.46 -2.62 0.00	29.90 -2.32 0.00
QUENSBRY_115KV_TB8 356137	37.98 1.36 0.00	35.45 1.26 0.00	34.60 1.33 0.00	34.05 1.37 0.00	35.46 1.43 0.00	37.21 1.60 0.00	44.91 2.46 0.00	50.22 2.75 0.00	50.36 3.07 0.00	46.49 2.51 0.00	45.16 2.40 0.00	40.97 1.80 0.00	39.86 1.64 0.00	40.18 1.43 0.00	40.33 1.48 0.00	41.00 1.46 0.00	44.79 1.81 0.00	49.24 2.12 0.00	47.20 2.25 0.00	43.23 1.98 0.00	39.84 1.64 0.00	37.63 1.17 0.00	35.04 0.95 0.00	33.06 0.84 0.00
RAMAPO___LBMP 323565	38.02 1.39 0.00	35.42 1.23 0.00	34.54 1.26 0.00	33.92 1.24 0.00	35.19 1.16 0.00	36.81 1.21 0.00	44.40 1.95 0.00	49.80 2.33 0.00	49.89 2.60 0.00	46.54 2.55 0.00	45.16 2.40 0.00	41.32 2.15 0.00	40.40 2.18 0.00	40.95 2.21 0.00	41.11 2.25 0.00	41.79 2.25 0.00	45.43 2.45 0.00	49.95 2.83 0.00	47.65 2.70 0.00	43.85 2.60 0.00	40.45 2.25 0.00	38.32 1.86 0.00	35.79 1.70 0.00	33.67 1.45 0.00
RANKINE____ 23646	34.10 -2.53 0.00	31.93 -2.26 0.00	31.01 -2.26 0.00	30.42 -2.25 0.00	31.89 -2.14 0.00	34.04 -1.57 0.00	40.84 -1.61 0.00	44.43 -3.04 0.00	43.65 -3.64 0.00	40.77 -3.21 0.00	40.12 -2.65 0.00	36.97 -2.19 0.00	36.12 -2.10 0.00	36.69 -2.05 0.00	36.18 -2.68 0.00	37.00 -2.53 0.00	40.14 -2.84 0.00	43.35 -3.77 0.00	41.35 -3.60 0.00	38.11 -3.13 0.00	35.14 -3.06 0.00	32.78 -3.68 0.00	30.78 -3.31 0.00	29.71 -2.51 0.00
RAVENSWOOD_GT2_1 24244	38.53 1.90 0.00	35.83 1.64 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.42 3.43 0.00	46.02 3.25 0.00	42.10 2.94 0.00	41.20 2.98 0.00	41.77 3.02 0.00	41.93 3.07 0.00	42.58 3.04 0.00	46.29 3.31 0.00	50.85 3.72 0.00	48.50 3.55 0.00	44.63 3.38 0.00	41.18 2.98 0.00	38.94 2.48 0.00	36.37 2.28 0.00	34.12 1.90 0.00
RAVENSWOOD_GT2_2 24245	38.53 1.90 0.00	35.83 1.64 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.42 3.43 0.00	46.02 3.25 0.00	42.10 2.94 0.00	41.20 2.98 0.00	41.77 3.02 0.00	41.93 3.07 0.00	42.58 3.04 0.00	46.29 3.31 0.00	50.85 3.72 0.00	48.50 3.55 0.00	44.63 3.38 0.00	41.18 2.98 0.00	38.94 2.48 0.00	36.37 2.28 0.00	34.12 1.90 0.00
RAVENSWOOD_GT2_3 24246	38.57 1.94 0.00	35.86 1.68 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.46 3.47 0.00	46.02 3.25 0.00	42.14 2.98 0.00	41.24 3.02 0.00	41.80 3.06 0.00	41.97 3.11 0.00	42.62 3.08 0.00	46.29 3.31 0.00	50.89 3.77 0.00	48.50 3.55 0.00	44.67 3.42 0.00	41.22 3.02 0.00	38.98 2.52 0.00	36.37 2.28 0.00	34.16 1.93 0.00
RAVENSWOOD_GT2_4 24247	38.57 1.94 0.00	35.86 1.68 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.46 3.47 0.00	46.02 3.25 0.00	42.14 2.98 0.00	41.24 3.02 0.00	41.80 3.06 0.00	41.97 3.11 0.00	42.62 3.08 0.00	46.29 3.31 0.00	50.89 3.77 0.00	48.50 3.55 0.00	44.67 3.42 0.00	41.22 3.02 0.00	38.98 2.52 0.00	36.37 2.28 0.00	34.16 1.93 0.00
RAVENSWOOD_GT3_1 24248	38.53 1.90 0.00	35.83 1.64 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.42 3.43 0.00	46.02 3.25 0.00	42.10 2.94 0.00	41.24 3.02 0.00	41.77 3.02 0.00	41.97 3.11 0.00	42.58 3.04 0.00	46.29 3.31 0.00	50.85 3.72 0.00	48.50 3.55 0.00	44.63 3.38 0.00	41.18 2.98 0.00	38.94 2.48 0.00	36.37 2.28 0.00	34.16 1.93 0.00



RAVENSWOOD_GT3_2 24249	38.53 1.90 0.00	35.83 1.64 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.42 3.43 0.00	46.02 3.25 0.00	42.10 2.94 0.00	41.24 3.02 0.00	41.77 3.02 0.00	41.97 3.11 0.00	42.58 3.04 0.00	46.29 3.31 0.00	50.85 3.72 0.00	48.50 3.55 0.00	44.63 3.38 0.00	41.18 2.98 0.00	38.94 2.48 0.00	36.37 2.28 0.00	34.16 1.93 0.00
RAVENSWOOD_GT3_3 24250	38.57 1.94 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.24 1.64 0.00	45.08 2.63 0.00	50.65 3.18 0.00	50.84 3.55 0.00	47.50 3.52 0.00	46.06 3.29 0.00	42.18 3.02 0.00	41.28 3.06 0.00	41.84 3.10 0.00	42.00 3.15 0.00	42.66 3.12 0.00	46.38 3.40 0.00	50.94 3.82 0.00	48.55 3.60 0.00	44.71 3.46 0.00	41.25 3.06 0.00	39.01 2.55 0.00	36.40 2.32 0.00	34.19 1.97 0.00
RAVENSWOOD_GT3_4 24251	38.57 1.94 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.24 1.64 0.00	45.08 2.63 0.00	50.65 3.18 0.00	50.84 3.55 0.00	47.50 3.52 0.00	46.06 3.29 0.00	42.18 3.02 0.00	41.28 3.06 0.00	41.84 3.10 0.00	42.00 3.15 0.00	42.66 3.12 0.00	46.38 3.40 0.00	50.94 3.82 0.00	48.55 3.60 0.00	44.71 3.46 0.00	41.25 3.06 0.00	39.01 2.55 0.00	36.40 2.32 0.00	34.19 1.97 0.00
RAVENSWOOD_GT_1 23729	38.68 2.05 0.00	35.93 1.74 0.00	35.00 1.73 0.00	34.31 1.63 0.00	35.63 1.60 0.00	37.24 1.64 0.00	45.13 2.67 0.00	50.79 3.32 0.00	51.03 3.74 -0.01	47.74 3.69 -0.06	46.29 3.51 -0.01	42.34 3.17 0.00	41.44 3.21 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.84 3.28 -0.02	46.55 3.57 0.00	54.02 4.01 -2.89	56.40 3.82 -7.62	44.90 3.63 -0.02	41.43 3.21 -0.02	39.13 2.66 -0.01	36.54 2.45 -0.01	34.28 2.06 0.00
RAVENSWOOD_GT_10 24258	38.53 1.90 0.00	35.83 1.64 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.41 3.43 0.00	46.02 3.25 0.00	42.10 2.94 0.00	41.20 2.98 0.00	41.76 3.02 0.00	41.93 3.07 0.00	42.58 3.04 0.00	46.29 3.31 0.00	50.79 3.72 0.06	48.50 3.55 0.00	44.63 3.38 0.00	41.18 2.98 0.00	38.94 2.48 0.00	36.37 2.28 0.00	34.12 1.90 0.00
RAVENSWOOD_GT_11 24259	38.53 1.90 0.00	35.83 1.64 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.41 3.43 0.00	46.02 3.25 0.00	42.10 2.94 0.00	41.20 2.98 0.00	41.76 3.02 0.00	41.93 3.07 0.00	42.58 3.04 0.00	46.29 3.31 0.00	50.79 3.72 0.06	48.50 3.55 0.00	44.63 3.38 0.00	41.18 2.98 0.00	38.94 2.48 0.00	36.37 2.28 0.00	34.12 1.90 0.00
RAVENSWOOD_GT_4 24252	38.53 1.90 0.00	35.83 1.64 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.56 3.09 0.00	50.75 3.45 -0.01	47.38 3.39 -0.01	45.97 3.21 0.01	42.06 2.90 0.00	41.20 2.98 0.01	41.76 3.02 0.01	41.92 3.07 0.01	42.55 3.00 -0.01	46.25 3.27 0.00	52.09 3.68 -1.29	54.25 3.51 -5.79	44.59 3.34 -0.01	41.15 2.94 -0.01	38.95 2.48 -0.01	36.34 2.25 -0.01	34.12 1.90 0.00
RAVENSWOOD_GT_5 24254	38.53 1.90 0.00	35.83 1.64 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.56 3.09 0.00	50.75 3.45 -0.01	47.38 3.39 -0.01	45.97 3.21 0.01	42.06 2.90 0.00	41.20 2.98 0.01	41.76 3.02 0.01	41.92 3.07 0.01	42.55 3.00 -0.01	46.25 3.27 0.00	52.09 3.68 -1.29	54.25 3.51 -5.79	44.59 3.34 -0.01	41.15 2.94 -0.01	38.95 2.48 -0.01	36.34 2.25 -0.01	34.12 1.90 0.00
RAVENSWOOD_GT_6 24253	38.53 1.90 0.00	35.83 1.64 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.56 3.09 0.00	50.75 3.45 -0.01	47.38 3.39 -0.01	45.97 3.21 0.01	42.06 2.90 0.00	41.20 2.98 0.01	41.76 3.02 0.01	41.92 3.07 0.01	42.55 3.00 -0.01	46.25 3.27 0.00	52.09 3.68 -1.29	54.25 3.51 -5.79	44.59 3.34 -0.01	41.15 2.94 -0.01	38.95 2.48 -0.01	36.34 2.25 -0.01	34.12 1.90 0.00
RAVENSWOOD_GT_7 24255	38.53 1.90 0.00	35.83 1.64 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.56 3.09 0.00	50.75 3.45 -0.01	47.38 3.39 -0.01	45.97 3.21 0.01	42.06 2.90 0.00	41.20 2.98 0.01	41.76 3.02 0.01	41.92 3.07 0.01	42.55 3.00 -0.01	46.25 3.27 0.00	52.09 3.68 -1.29	54.25 3.51 -5.79	44.59 3.34 -0.01	41.15 2.94 -0.01	38.95 2.48 -0.01	36.34 2.25 -0.01	34.12 1.90 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.53 1.90 0.00	35.83 1.64 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.41 3.43 0.00	46.02 3.25 0.00	42.10 2.94 0.00	41.20 2.98 0.00	41.76 3.02 0.00	41.93 3.07 0.00	42.58 3.04 0.00	46.29 3.31 0.00	50.79 3.72 0.06	48.50 3.55 0.00	44.63 3.38 0.00	41.18 2.98 0.00	38.94 2.48 0.00	36.37 2.28 0.00	34.12 1.90 0.00
RAVENSWOOD_GT_9 24257	38.53 1.90 0.00	35.83 1.64 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.56 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.41 3.43 0.00	46.02 3.25 0.00	42.10 2.94 0.00	41.20 2.98 0.00	41.76 3.02 0.00	41.93 3.07 0.00	42.58 3.04 0.00	46.29 3.31 0.00	50.79 3.72 0.06	48.50 3.55 0.00	44.63 3.38 0.00	41.18 2.98 0.00	38.94 2.48 0.00	36.37 2.28 0.00	34.12 1.90 0.00
RAVENSWOOD___1 23533	38.64 2.01 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.08 2.63 0.00	50.79 3.32 0.00	51.08 3.78 0.00	47.71 3.70 -0.03	46.16 3.38 -0.01	42.34 3.17 0.00	41.36 3.13 -0.01	42.04 3.29 -0.01	42.17 3.30 -0.01	42.90 3.36 -0.01	46.51 3.53 0.00	51.68 3.96 -0.59	48.74 3.78 -0.01	44.89 3.63 -0.01	41.22 3.02 -0.01	39.12 2.66 0.00	36.50 2.42 0.00	34.25 2.03 0.00
RAVENSWOOD___2 23534	38.60 1.98 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.28 1.60 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.79 3.32 0.00	51.03 3.74 0.00	47.66 3.65 -0.03	46.16 3.38 -0.01	42.34 3.17 0.00	41.36 3.13 -0.01	42.01 3.25 -0.01	42.17 3.30 -0.01	42.86 3.32 -0.01	46.51 3.53 0.00	51.68 3.96 -0.59	48.74 3.78 -0.01	44.84 3.59 -0.01	41.22 3.02 -0.01	39.09 2.63 0.00	36.50 2.42 0.00	34.25 2.03 0.00
RAVENSWOOD___3 23535	38.53 1.90 0.00	35.83 1.64 0.00	34.93 1.66 0.00	34.28 1.60 0.00	35.57 1.53 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.65 3.18 0.00	50.84 3.55 0.00	47.42 3.43 0.00	45.93 3.16 0.00	42.14 2.98 0.00	41.16 2.94 0.00	41.84 3.10 0.00	41.97 3.11 0.00	42.70 3.16 0.00	46.29 3.31 0.00	50.85 3.72 0.00	48.50 3.55 0.00	44.63 3.38 0.00	41.02 2.83 0.00	38.94 2.48 0.00	36.37 2.28 0.00	34.16 1.93 0.00

RAVENSWOOD___4 23820	38.60 1.98 0.00	35.86 1.67 0.00	34.97 1.70 0.00	34.28 1.60 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.74 3.27 0.00	51.02 3.74 0.01	47.63 3.65 0.01	46.15 3.38 -0.01	42.30 3.13 0.00	41.32 3.09 -0.01	42.01 3.25 -0.01	42.13 3.26 -0.01	42.85 3.32 0.01	46.46 3.48 0.00	49.41 3.96 1.67	41.19 3.73 7.49	44.83 3.59 0.01	41.17 2.98 0.01	39.08 2.63 0.01	36.46 2.38 0.01	34.22 2.00 0.00
RCPI_TRUST___DRP 24196	38.57 1.94 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.24 1.64 0.00	45.08 2.63 0.00	50.65 3.18 0.00	50.79 3.50 0.00	47.42 3.43 0.00	46.06 3.29 0.00	42.14 2.98 0.00	41.28 3.06 0.00	41.84 3.10 0.00	42.00 3.15 0.00	42.62 3.08 0.00	46.33 3.35 0.00	50.85 3.72 0.00	48.50 3.55 0.00	44.67 3.42 0.00	41.18 2.98 0.00	38.98 2.52 0.00	36.37 2.28 0.00	34.16 1.93 0.00
RED___ROCHESTER 323720	34.83 -1.79 0.00	32.55 -1.64 0.00	31.58 -1.70 0.00	31.04 -1.63 0.00	32.50 -1.53 0.00	34.50 -1.10 0.00	41.43 -1.02 0.00	45.62 -1.85 0.00	45.12 -2.17 0.00	42.14 -1.85 0.00	41.23 -1.54 0.00	37.83 -1.33 0.00	36.85 -1.37 0.00	37.23 -1.51 0.00	37.11 -1.75 0.00	37.84 -1.70 0.00	41.39 -1.59 0.00	44.82 -2.31 0.00	42.84 -2.11 0.00	39.43 -1.81 0.00	35.94 -2.25 0.00	34.17 -2.30 0.00	32.00 -2.08 0.00	30.48 -1.74 0.00
REGAN___SOLAR 323812	40.07 3.44 0.00	37.47 3.28 0.00	36.40 3.13 0.00	35.81 3.14 0.00	37.51 3.47 0.00	39.52 3.92 0.00	47.97 5.52 0.00	53.36 5.89 0.00	53.44 6.15 0.00	49.08 5.10 0.00	47.69 4.92 0.00	43.51 4.35 0.00	42.42 4.20 0.00	43.01 4.26 0.00	43.06 4.20 0.00	44.04 4.51 0.00	48.31 5.33 0.00	53.21 6.08 0.00	51.06 6.11 0.00	46.57 5.32 0.00	42.66 4.47 0.00	40.22 3.76 0.00	37.32 3.24 0.00	35.22 3.00 0.00
RENSSELAER___COGEN 23796	37.94 1.32 0.00	35.45 1.27 0.00	34.50 1.23 0.00	33.88 1.21 0.00	35.26 1.22 0.00	36.88 1.28 0.00	44.15 1.70 0.00	49.37 1.90 0.00	48.76 1.47 0.00	45.08 1.10 0.00	43.79 1.02 0.00	40.22 1.06 0.00	39.21 0.99 0.00	39.87 1.12 0.00	40.02 1.16 0.00	40.68 1.15 0.00	44.10 1.12 0.00	48.44 1.32 0.00	46.26 1.30 0.00	42.48 1.24 0.00	39.31 1.11 0.00	37.52 1.06 0.00	35.41 1.33 0.00	33.48 1.26 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.23 2.60 0.00	36.72 2.53 0.00	35.77 2.50 0.00	35.19 2.52 0.00	36.76 2.72 0.00	38.63 3.03 0.00	46.87 4.41 0.00	52.36 4.89 0.00	52.68 5.39 0.00	48.47 4.49 0.00	47.09 4.32 0.00	42.69 3.52 0.00	41.43 3.21 0.00	41.84 3.10 0.00	41.93 3.07 0.00	42.66 3.12 0.00	46.68 3.70 0.00	51.32 4.19 0.00	49.36 4.41 0.00	45.04 3.79 0.00	41.48 3.28 0.00	39.01 2.55 0.00	36.26 2.18 0.00	34.22 2.00 0.00
REVERE_CPPR_DRP 24186	37.51 0.88 0.00	35.04 0.85 0.00	34.07 0.80 0.00	33.43 0.75 0.00	34.92 0.88 0.00	36.81 1.21 0.00	44.40 1.95 0.00	49.80 2.33 0.00	49.56 2.27 0.00	46.18 2.20 0.00	44.95 2.18 0.00	41.12 1.96 0.00	40.09 1.87 0.00	40.56 1.82 0.00	40.68 1.83 0.00	41.43 1.90 0.00	45.09 2.11 0.00	49.24 2.12 0.00	46.79 1.84 0.00	42.90 1.65 0.00	39.61 1.41 0.00	37.52 1.06 0.00	34.93 0.85 0.00	33.00 0.77 0.00
REYNOLDS_115KV_TB3 80639	38.09 1.47 0.00	35.59 1.40 0.00	34.64 1.36 0.00	34.01 1.34 0.00	35.39 1.36 0.00	37.03 1.42 0.00	44.32 1.87 0.00	49.56 2.09 0.00	49.18 1.89 0.00	45.57 1.58 0.00	44.22 1.45 0.00	40.54 1.37 0.00	39.56 1.34 0.00	40.10 1.36 0.00	40.33 1.48 0.00	41.00 1.46 0.00	44.53 1.55 0.00	48.92 1.79 0.00	46.70 1.75 0.00	42.90 1.65 0.00	39.73 1.53 0.00	37.81 1.35 0.00	35.55 1.47 0.00	33.54 1.32 0.00
RIVERBAY____ 323610	39.01 2.38 0.00	36.24 2.05 0.00	35.30 2.03 0.00	34.60 1.93 0.00	35.90 1.87 0.00	37.49 1.89 0.00	45.38 2.93 0.00	51.13 3.66 0.00	51.36 4.07 0.00	47.95 3.96 -0.01	46.63 3.85 -0.01	42.61 3.45 0.00	41.74 3.52 -0.01	42.32 3.56 -0.01	42.48 3.61 -0.01	43.14 3.60 -0.01	46.94 3.95 0.00	51.47 4.34 -0.01	49.05 4.09 -0.01	45.30 4.04 -0.01	41.76 3.55 -0.01	39.45 2.99 0.00	36.91 2.83 0.00	34.61 2.38 0.00
RIVERSDE_115KV_TB3 55908	38.06 1.43 0.00	35.56 1.37 0.00	34.60 1.33 0.00	33.98 1.31 0.00	35.36 1.33 0.00	37.03 1.42 0.00	44.32 1.87 0.00	49.56 2.09 0.00	48.95 1.66 0.00	45.26 1.28 0.00	43.92 1.15 0.00	40.38 1.21 0.00	39.40 1.18 0.00	39.94 1.20 0.00	40.14 1.28 0.00	40.80 1.27 0.00	44.23 1.25 0.00	48.59 1.46 0.00	46.43 1.48 0.00	42.65 1.40 0.00	39.53 1.34 0.00	37.63 1.17 0.00	35.51 1.43 0.00	33.54 1.32 0.00
ROARING___BROOK_WT_PWR 323790	36.33 -0.29 0.00	33.91 -0.27 0.00	33.04 -0.23 0.00	32.45 -0.23 0.00	33.83 -0.20 0.00	35.32 -0.29 0.00	41.94 -0.51 0.00	47.00 -0.47 0.00	46.91 -0.38 0.00	43.68 -0.31 0.00	42.51 -0.26 0.00	38.93 -0.23 0.00	38.03 -0.19 0.00	38.51 -0.23 0.00	38.63 -0.23 0.00	39.26 -0.27 0.00	42.59 -0.39 0.00	46.65 -0.47 0.00	44.41 -0.54 0.00	40.67 -0.58 0.00	37.74 -0.46 0.00	36.03 -0.44 0.00	33.60 -0.48 0.00	31.77 -0.45 0.00
ROCHESRG_115KV_T4 355643	34.50 -2.12 0.00	32.24 -1.95 0.00	31.34 -1.93 0.00	30.78 -1.90 0.00	32.20 -1.84 0.00	34.14 -1.46 0.00	40.97 -1.49 0.00	45.14 -2.33 0.00	44.64 -2.65 0.00	41.65 -2.33 0.00	40.67 -2.10 0.00	37.40 -1.76 0.00	36.50 -1.72 0.00	37.04 -1.70 0.00	36.80 -2.06 0.00	37.60 -1.94 0.00	40.87 -2.11 0.00	44.30 -2.83 0.00	42.34 -2.61 0.00	38.98 -2.27 0.00	35.98 -2.22 0.00	33.80 -2.66 0.00	31.70 -2.39 0.00	30.22 -2.00 0.00
ROCHESTER_9_IC 23652	34.69 -1.94 0.00	32.41 -1.78 0.00	31.47 -1.80 0.00	30.94 -1.73 0.00	32.37 -1.67 0.00	34.32 -1.28 0.00	41.22 -1.23 0.00	45.48 -1.99 0.00	44.97 -2.32 0.00	41.96 -2.02 0.00	40.93 -1.84 0.00	37.64 -1.53 0.00	36.73 -1.49 0.00	37.27 -1.47 0.00	37.03 -1.83 0.00	37.83 -1.70 0.00	41.18 -1.81 0.00	44.58 -2.54 0.00	42.66 -2.29 0.00	39.23 -2.02 0.00	36.21 -1.99 0.00	34.02 -2.44 0.00	31.87 -2.22 0.00	30.39 -1.84 0.00
ROCKVIEW_13_KV_LD 356306	38.57 1.94 0.00	35.90 1.71 0.00	34.97 1.70 0.00	34.34 1.67 0.00	35.63 1.60 0.00	37.28 1.67 0.00	45.13 2.67 0.00	50.60 3.13 0.00	50.74 3.45 0.00	47.33 3.34 0.00	45.93 3.16 0.00	42.06 2.90 0.00	41.12 2.90 0.00	41.69 2.94 0.00	41.89 3.03 0.00	42.54 3.00 0.00	46.25 3.27 0.00	50.80 3.68 0.00	48.50 3.55 0.00	44.63 3.38 0.00	41.14 2.94 0.00	38.94 2.48 0.00	36.33 2.25 0.00	34.16 1.93 0.00
ROME____115KV_TB2 80656	37.51 0.88 0.00	35.04 0.85 0.00	34.07 0.80 0.00	33.43 0.75 0.00	34.92 0.88 0.00	36.81 1.21 0.00	44.40 1.95 0.00	49.80 2.33 0.00	49.56 2.27 0.00	46.18 2.20 0.00	44.95 2.18 0.00	41.12 1.96 0.00	40.09 1.87 0.00	40.56 1.82 0.00	40.68 1.83 0.00	41.43 1.90 0.00	45.09 2.11 0.00	49.24 2.12 0.00	46.79 1.84 0.00	42.90 1.65 0.00	39.61 1.41 0.00	37.52 1.06 0.00	34.93 0.85 0.00	33.00 0.77 0.00

ROSETON___1 23587	38.17 1.54 0.00	35.56 1.37 0.00	34.64 1.36 0.00	34.01 1.34 0.00	35.33 1.29 0.00	36.96 1.35 0.00	44.53 2.08 0.00	49.94 2.47 0.00	49.98 2.69 0.00	46.58 2.59 0.00	45.16 2.39 0.00	41.36 2.19 0.00	40.36 2.14 0.00	41.03 2.29 0.00	41.19 2.33 0.00	41.87 2.33 0.00	45.47 2.49 0.00	49.95 2.83 0.00	47.69 2.74 0.00	43.85 2.60 0.00	40.34 2.14 0.00	38.36 1.89 0.00	35.82 1.74 0.00	33.74 1.51 0.00
ROSETON___2 23588	38.17 1.54 0.00	35.56 1.37 0.00	34.64 1.36 0.00	34.01 1.34 0.00	35.33 1.29 0.00	36.96 1.35 0.00	44.53 2.08 0.00	49.94 2.47 0.00	49.98 2.69 0.00	46.58 2.59 0.00	45.16 2.39 0.00	41.36 2.19 0.00	40.36 2.14 0.00	41.03 2.29 0.00	41.19 2.33 0.00	41.87 2.33 0.00	45.47 2.49 0.00	49.95 2.83 0.00	47.69 2.74 0.00	43.85 2.60 0.00	40.34 2.14 0.00	38.36 1.89 0.00	35.82 1.74 0.00	33.74 1.51 0.00
ROTTORDAM_115KV_TB3 80664	37.73 1.10 0.00	35.21 1.03 0.00	34.30 1.03 0.00	33.69 1.01 0.00	35.05 1.02 0.00	36.74 1.14 0.00	44.11 1.66 0.00	49.32 1.85 0.00	49.23 1.94 0.00	45.70 1.72 0.00	44.39 1.63 0.00	40.57 1.41 0.00	39.60 1.38 0.00	40.10 1.36 0.00	40.26 1.40 0.00	40.96 1.42 0.00	44.57 1.59 0.00	48.96 1.84 0.00	46.79 1.84 0.00	42.90 1.65 0.00	39.65 1.45 0.00	37.66 1.20 0.00	35.17 1.09 0.00	33.19 0.97 0.00
RUSSELL___1 23602	34.83 -1.79 0.00	32.55 -1.64 0.00	31.61 -1.66 0.00	31.04 -1.63 0.00	32.50 -1.53 0.00	34.46 -1.14 0.00	41.43 -1.02 0.00	45.71 -1.76 0.00	45.21 -2.08 0.00	42.18 -1.80 0.00	41.14 -1.63 0.00	37.83 -1.33 0.00	36.92 -1.30 0.00	37.46 -1.28 0.00	37.23 -1.63 0.00	38.03 -1.50 0.00	41.43 -1.55 0.00	44.82 -2.31 0.00	42.88 -2.07 0.00	39.43 -1.81 0.00	36.40 -1.80 0.00	34.16 -2.30 0.00	32.00 -2.08 0.00	30.48 -1.74 0.00
RUSSELL___2 23532	34.83 -1.79 0.00	32.55 -1.64 0.00	31.61 -1.66 0.00	31.04 -1.63 0.00	32.50 -1.53 0.00	34.46 -1.14 0.00	41.43 -1.02 0.00	45.71 -1.76 0.00	45.21 -2.08 0.00	42.18 -1.80 0.00	41.14 -1.63 0.00	37.83 -1.33 0.00	36.92 -1.30 0.00	37.46 -1.28 0.00	37.23 -1.63 0.00	38.03 -1.50 0.00	41.43 -1.55 0.00	44.82 -2.31 0.00	42.88 -2.07 0.00	39.43 -1.81 0.00	36.40 -1.80 0.00	34.16 -2.30 0.00	32.00 -2.08 0.00	30.48 -1.74 0.00
RUSSELL___3 23549	34.83 -1.79 0.00	32.55 -1.64 0.00	31.61 -1.66 0.00	31.04 -1.63 0.00	32.50 -1.53 0.00	34.46 -1.14 0.00	41.43 -1.02 0.00	45.71 -1.76 0.00	45.21 -2.08 0.00	42.18 -1.80 0.00	41.14 -1.63 0.00	37.83 -1.33 0.00	36.92 -1.30 0.00	37.46 -1.28 0.00	37.23 -1.63 0.00	38.03 -1.50 0.00	41.43 -1.55 0.00	44.82 -2.31 0.00	42.88 -2.07 0.00	39.43 -1.81 0.00	36.40 -1.80 0.00	34.16 -2.30 0.00	32.00 -2.08 0.00	30.48 -1.74 0.00
RUSSELL___4 23556	34.83 -1.79 0.00	32.55 -1.64 0.00	31.61 -1.66 0.00	31.04 -1.63 0.00	32.50 -1.53 0.00	34.46 -1.14 0.00	41.43 -1.02 0.00	45.71 -1.76 0.00	45.21 -2.08 0.00	42.18 -1.80 0.00	41.14 -1.63 0.00	37.83 -1.33 0.00	36.92 -1.30 0.00	37.46 -1.28 0.00	37.23 -1.63 0.00	38.03 -1.50 0.00	41.43 -1.55 0.00	44.82 -2.31 0.00	42.88 -2.07 0.00	39.43 -1.81 0.00	36.40 -1.80 0.00	34.16 -2.30 0.00	32.00 -2.08 0.00	30.48 -1.74 0.00
RUSSELL___STATION 23914	34.83 -1.79 0.00	32.55 -1.64 0.00	31.61 -1.66 0.00	31.04 -1.63 0.00	32.50 -1.53 0.00	34.46 -1.14 0.00	41.43 -1.02 0.00	45.71 -1.76 0.00	45.21 -2.08 0.00	42.18 -1.80 0.00	41.14 -1.63 0.00	37.83 -1.33 0.00	36.92 -1.30 0.00	37.46 -1.28 0.00	37.23 -1.63 0.00	38.03 -1.50 0.00	41.43 -1.55 0.00	44.82 -2.31 0.00	42.88 -2.07 0.00	39.43 -1.81 0.00	36.40 -1.80 0.00	34.16 -2.30 0.00	32.00 -2.08 0.00	30.48 -1.74 0.00
S SALMON___HYD 24043	35.24 -1.39 0.00	32.89 -1.30 0.00	31.97 -1.30 0.00	31.40 -1.27 0.00	32.77 -1.26 0.00	34.46 -1.14 0.00	41.43 -1.02 0.00	46.38 -1.09 0.00	46.11 -1.18 0.00	42.97 -1.01 0.00	41.83 -0.94 0.00	38.27 -0.90 0.00	37.30 -0.92 0.00	37.81 -0.93 0.00	37.92 -0.93 0.00	38.63 -0.91 0.00	42.12 -0.86 0.00	46.09 -1.04 0.00	43.87 -1.08 0.00	40.22 -1.03 0.00	37.05 -1.14 0.00	35.29 -1.17 0.00	32.89 -1.19 0.00	31.06 -1.16 0.00
S.PERRY___115KV_TB1 80734	34.80 -1.83 0.00	32.51 -1.68 0.00	31.57 -1.70 0.00	31.04 -1.63 0.00	32.57 -1.46 0.00	34.64 -0.96 0.00	41.73 -0.72 0.00	46.05 -1.42 0.00	45.45 -1.84 0.00	42.31 -1.67 0.00	41.23 -1.54 0.00	38.03 -1.14 0.00	37.11 -1.11 0.00	37.70 -1.05 0.00	37.46 -1.40 0.00	38.39 -1.15 0.00	41.91 -1.07 0.00	45.43 -1.70 0.00	43.42 -1.53 0.00	39.85 -1.40 0.00	36.67 -1.53 0.00	34.27 -2.19 0.00	31.93 -2.15 0.00	31.51 -0.71 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.62 -3.00 0.00	31.49 -2.70 0.00	30.58 -2.69 0.00	30.00 -2.68 0.00	31.45 -2.59 0.00	33.54 -2.07 0.00	40.20 -2.25 0.00	43.67 -3.80 0.00	42.89 -4.40 0.00	40.11 -3.87 0.00	39.43 -3.34 0.00	36.34 -2.82 0.00	35.51 -2.71 0.00	36.07 -2.67 0.00	35.59 -3.26 0.00	36.41 -3.12 0.00	39.50 -3.48 0.00	42.55 -4.57 0.00	40.68 -4.27 0.00	37.54 -3.71 0.00	34.65 -3.55 0.00	32.30 -4.16 0.00	30.37 -3.71 0.00	29.32 -2.90 0.00
SAWYER___23_KV_LOAD 55526	33.62 -3.00 0.00	31.49 -2.70 0.00	30.58 -2.69 0.00	30.00 -2.68 0.00	31.45 -2.59 0.00	33.54 -2.07 0.00	40.20 -2.25 0.00	43.67 -3.80 0.00	42.89 -4.40 0.00	40.11 -3.87 0.00	39.43 -3.34 0.00	36.34 -2.82 0.00	35.51 -2.71 0.00	36.07 -2.67 0.00	35.59 -3.26 0.00	36.41 -3.12 0.00	39.50 -3.48 0.00	42.55 -4.57 0.00	40.68 -4.27 0.00	37.54 -3.71 0.00	34.65 -3.55 0.00	32.30 -4.16 0.00	30.37 -3.71 0.00	29.32 -2.90 0.00
SELKIRK___I 23801	38.05 1.43 0.00	35.56 1.37 0.00	34.60 1.33 0.00	33.98 1.31 0.00	35.40 1.36 0.00	37.03 1.43 0.00	44.32 1.87 0.00	49.51 2.04 0.00	49.09 1.80 0.00	45.43 1.45 0.00	44.10 1.33 0.00	40.46 1.29 0.00	39.44 1.22 0.00	40.10 1.36 0.00	40.25 1.40 0.00	40.92 1.38 0.00	44.40 1.42 0.00	48.73 1.60 0.00	46.57 1.62 0.00	42.77 1.53 0.00	39.53 1.34 0.00	37.70 1.24 0.00	35.45 1.36 0.00	33.51 1.29 0.00
SELKIRK___II 23799	37.83 1.21 0.00	35.35 1.16 0.00	34.40 1.13 0.00	33.79 1.11 0.00	35.15 1.12 0.00	36.78 1.17 0.00	44.06 1.61 0.00	49.27 1.80 0.00	48.85 1.56 0.00	45.26 1.28 0.00	43.92 1.16 0.00	40.30 1.14 0.00	39.33 1.11 0.00	39.95 1.20 0.00	40.10 1.24 0.00	40.76 1.23 0.00	44.23 1.25 0.00	48.59 1.46 0.00	46.39 1.44 0.00	42.61 1.36 0.00	39.34 1.14 0.00	37.55 1.09 0.00	35.31 1.23 0.00	33.38 1.16 0.00
SENECA OSWGO___HYD 24041	35.42 -1.21 0.00	33.06 -1.13 0.00	32.14 -1.13 0.00	31.60 -1.08 0.00	32.98 -1.06 0.00	34.64 -0.96 0.00	41.56 -0.89 0.00	46.38 -1.09 0.00	46.11 -1.18 0.00	42.93 -1.06 0.00	41.79 -0.98 0.00	38.27 -0.90 0.00	37.30 -0.92 0.00	37.85 -0.89 0.00	37.92 -0.93 0.00	38.63 -0.91 0.00	41.99 -0.99 0.00	45.99 -1.13 0.00	43.87 -1.08 0.00	40.26 -0.99 0.00	37.09 -1.11 0.00	35.33 -1.13 0.00	32.96 -1.12 0.00	31.19 -1.03 0.00

SENECA___115KV_TB3 355854	34.14 -2.49 0.00	32.00 -2.19 0.00	31.04 -2.23 0.00	30.49 -2.19 0.00	31.96 -2.08 0.00	34.07 -1.53 0.00	40.88 -1.57 0.00	44.53 -2.94 0.00	43.74 -3.55 0.00	40.86 -3.12 0.00	40.20 -2.57 0.00	37.05 -2.11 0.00	36.19 -2.03 0.00	36.77 -1.98 0.00	36.25 -2.60 0.00	37.08 -2.45 0.00	40.23 -2.75 0.00	43.45 -3.68 0.00	41.44 -3.51 0.00	38.20 -3.05 0.00	35.22 -2.98 0.00	32.82 -3.65 0.00	30.81 -3.27 0.00	29.77 -2.45 0.00
SENECA___ENERGY 23797	35.68 -0.95 0.00	33.34 -0.85 0.00	32.44 -0.83 0.00	31.89 -0.78 0.00	33.35 -0.68 0.00	35.18 -0.43 0.00	42.28 -0.17 0.00	47.04 -0.43 0.00	46.63 -0.66 0.00	43.41 -0.57 0.00	42.34 -0.43 0.00	38.81 -0.35 0.00	37.80 -0.42 0.00	38.32 -0.43 0.00	38.28 -0.58 0.00	39.02 -0.52 0.00	42.51 -0.47 0.00	46.46 -0.66 0.00	44.37 -0.59 0.00	40.71 -0.54 0.00	37.32 -0.88 0.00	35.48 -0.98 0.00	33.09 -0.99 0.00	31.42 -0.80 0.00
SHOEMAKER___GT 23640	37.87 1.25 0.00	35.32 1.13 0.00	34.40 1.13 0.00	33.79 1.11 0.00	35.09 1.06 0.00	36.71 1.10 0.00	44.23 1.78 0.00	49.51 2.04 0.00	49.56 2.27 0.00	46.14 2.15 0.00	44.74 1.97 0.00	40.97 1.80 0.00	39.94 1.72 0.00	40.60 1.86 0.00	40.76 1.90 0.00	41.47 1.94 0.00	45.09 2.11 0.00	49.48 2.36 0.00	47.29 2.34 0.00	43.43 2.18 0.00	39.96 1.76 0.00	38.03 1.57 0.00	35.51 1.43 0.00	33.48 1.26 0.00
SHOEMAKR_138KV_BK 111 55601	37.87 1.25 0.00	35.28 1.09 0.00	34.40 1.13 0.00	33.75 1.08 0.00	35.05 1.02 0.00	36.71 1.10 0.00	44.19 1.74 0.00	49.51 2.04 0.00	49.51 2.22 0.00	46.14 2.16 0.00	44.78 2.01 0.00	40.97 1.80 0.00	40.02 1.80 0.00	40.56 1.82 0.00	40.76 1.90 0.00	41.43 1.90 0.00	45.04 2.06 0.00	49.48 2.36 0.00	47.29 2.34 0.00	43.43 2.19 0.00	40.11 1.91 0.00	38.03 1.57 0.00	35.51 1.43 0.00	33.48 1.26 0.00
SHOREHAM_IC_1 23715	55.73 3.37 -15.74	47.68 2.97 -10.52	46.39 3.00 -10.12	46.39 2.91 -10.81	47.71 2.89 -10.79	59.36 3.21 -20.55	65.27 4.63 -18.19	69.33 5.55 -16.31	78.95 5.82 -25.84	66.75 5.36 -17.40	53.34 5.04 -5.52	52.36 4.58 -8.62	51.49 4.43 -8.84	51.31 4.61 -7.96	52.20 4.66 -8.68	53.31 4.82 -8.96	62.30 5.37 -13.95	74.61 6.03 -21.45	72.44 5.76 -21.73	64.93 5.44 -18.24	58.68 4.66 -15.83	54.05 4.16 -13.43	49.46 3.68 -11.70	45.54 3.19 -10.13
SHOREHAM_IC_2 23716	55.73 3.37 -15.74	47.68 2.97 -10.52	46.39 3.00 -10.12	46.39 2.91 -10.81	47.71 2.89 -10.79	59.36 3.21 -20.55	65.27 4.63 -18.19	69.33 5.55 -16.31	78.95 5.82 -25.84	66.75 5.36 -17.40	53.34 5.04 -5.52	52.36 4.58 -8.62	51.49 4.43 -8.84	51.31 4.61 -7.96	52.20 4.66 -8.68	53.31 4.82 -8.96	62.30 5.37 -13.95	74.61 6.03 -21.45	72.44 5.76 -21.73	64.93 5.44 -18.24	58.68 4.66 -15.83	54.05 4.16 -13.43	49.46 3.68 -11.70	45.54 3.19 -10.13
SISSONVILLE____ 23735	36.55 -0.07 0.00	34.16 -0.03 0.00	33.20 -0.07 0.00	32.58 -0.10 0.00	33.96 -0.07 0.00	35.03 -0.57 0.00	41.14 -1.32 0.00	46.24 -1.23 0.00	46.11 -1.18 0.00	42.93 -1.06 0.00	41.79 -0.98 0.00	38.22 -0.94 0.00	37.23 -0.99 0.00	37.70 -1.05 0.00	37.85 -1.01 0.00	38.47 -1.07 0.00	41.82 -1.16 0.00	45.90 -1.23 0.00	43.60 -1.35 0.00	39.85 -1.40 0.00	36.98 -1.22 0.00	35.62 -0.84 0.00	33.40 -0.68 0.00	31.90 -0.32 0.00
SITHE_IND_GS1 24169	35.02 -1.61 0.00	32.72 -1.47 0.00	31.81 -1.46 0.00	31.24 -1.44 0.00	32.60 -1.43 0.00	34.21 -1.39 0.00	40.96 -1.49 0.00	45.71 -1.76 0.00	45.49 -1.80 0.00	42.31 -1.67 0.00	41.19 -1.58 0.00	37.76 -1.41 0.00	36.81 -1.41 0.00	37.31 -1.43 0.00	37.38 -1.48 0.00	38.03 -1.50 0.00	41.39 -1.59 0.00	45.33 -1.79 0.00	43.24 -1.71 0.00	39.68 -1.57 0.00	36.59 -1.60 0.00	34.86 -1.60 0.00	32.58 -1.50 0.00	30.84 -1.38 0.00
SITHE_IND_GS2 24170	35.02 -1.61 0.00	32.72 -1.47 0.00	31.81 -1.46 0.00	31.24 -1.44 0.00	32.60 -1.43 0.00	34.21 -1.39 0.00	40.96 -1.49 0.00	45.71 -1.76 0.00	45.49 -1.80 0.00	42.31 -1.67 0.00	41.19 -1.58 0.00	37.76 -1.41 0.00	36.81 -1.41 0.00	37.31 -1.43 0.00	37.38 -1.48 0.00	38.03 -1.50 0.00	41.39 -1.59 0.00	45.33 -1.79 0.00	43.24 -1.71 0.00	39.68 -1.57 0.00	36.59 -1.60 0.00	34.86 -1.60 0.00	32.58 -1.50 0.00	30.84 -1.38 0.00
SITHE_IND_GS3 24171	35.02 -1.61 0.00	32.72 -1.47 0.00	31.81 -1.46 0.00	31.24 -1.44 0.00	32.60 -1.43 0.00	34.21 -1.39 0.00	40.96 -1.49 0.00	45.71 -1.76 0.00	45.49 -1.80 0.00	42.31 -1.67 0.00	41.19 -1.58 0.00	37.76 -1.41 0.00	36.81 -1.41 0.00	37.31 -1.43 0.00	37.38 -1.48 0.00	38.03 -1.50 0.00	41.39 -1.59 0.00	45.33 -1.79 0.00	43.24 -1.71 0.00	39.68 -1.57 0.00	36.59 -1.60 0.00	34.86 -1.60 0.00	32.58 -1.50 0.00	30.84 -1.38 0.00
SITHE_IND_GS4 24172	35.02 -1.61 0.00	32.72 -1.47 0.00	31.81 -1.46 0.00	31.24 -1.44 0.00	32.60 -1.43 0.00	34.21 -1.39 0.00	40.96 -1.49 0.00	45.71 -1.76 0.00	45.49 -1.80 0.00	42.31 -1.67 0.00	41.19 -1.58 0.00	37.76 -1.41 0.00	36.81 -1.41 0.00	37.31 -1.43 0.00	37.38 -1.48 0.00	38.03 -1.50 0.00	41.39 -1.59 0.00	45.33 -1.79 0.00	43.24 -1.71 0.00	39.68 -1.57 0.00	36.59 -1.60 0.00	34.86 -1.60 0.00	32.58 -1.50 0.00	30.84 -1.38 0.00
SITHE___BATAVIA 24024	34.54 -2.09 0.00	32.31 -1.88 0.00	31.31 -1.96 0.00	30.78 -1.90 0.00	32.30 -1.73 0.00	34.43 -1.17 0.00	41.39 -1.06 0.00	45.10 -2.37 0.00	44.45 -2.84 0.00	41.57 -2.42 0.00	40.76 -2.01 0.00	37.44 -1.72 0.00	36.42 -1.80 0.00	36.77 -1.97 0.00	36.49 -2.37 0.00	37.28 -2.25 0.00	40.88 -2.11 0.00	44.06 -3.06 0.00	42.07 -2.88 0.00	38.81 -2.43 0.00	35.18 -3.02 0.00	33.40 -3.06 0.00	31.32 -2.76 0.00	30.06 -2.16 0.00
SITHE___INDEPEND 23800	35.02 -1.61 0.00	32.72 -1.47 0.00	31.81 -1.46 0.00	31.24 -1.44 0.00	32.60 -1.43 0.00	34.22 -1.39 0.00	40.97 -1.49 0.00	45.71 -1.76 0.00	45.49 -1.80 0.00	42.31 -1.67 0.00	41.19 -1.58 0.00	37.75 -1.41 0.00	36.84 -1.38 0.00	37.35 -1.39 0.00	37.38 -1.48 0.00	38.07 -1.46 0.00	41.39 -1.59 0.00	45.33 -1.79 0.00	43.24 -1.71 0.00	39.68 -1.57 0.00	36.71 -1.49 0.00	34.86 -1.60 0.00	32.58 -1.50 0.00	30.84 -1.39 0.00
SITHE___MASSENA 23902	37.03 0.40 0.00	34.60 0.41 0.00	33.64 0.37 0.00	33.00 0.33 0.00	34.41 0.38 0.00	35.75 0.14 0.00	42.07 -0.38 0.00	47.19 -0.28 0.00	47.01 -0.28 0.00	43.72 -0.26 0.00	42.56 -0.21 0.00	38.97 -0.19 0.00	38.03 -0.19 0.00	38.47 -0.27 0.00	38.63 -0.23 0.00	39.26 -0.27 0.00	42.64 -0.35 0.00	46.80 -0.33 0.00	44.59 -0.36 0.00	40.75 -0.49 0.00	38.08 -0.11 0.00	36.50 0.04 0.00	34.12 0.03 0.00	32.35 0.13 0.00
SITHE___OGDNSBRG 24021	37.25 0.62 0.00	34.80 0.62 0.00	33.84 0.57 0.00	33.23 0.56 0.00	34.68 0.65 0.00	35.92 0.32 0.00	42.37 -0.08 0.00	47.66 0.19 0.00	47.48 0.19 0.00	44.16 0.18 0.00	43.03 0.26 0.00	39.32 0.16 0.00	38.30 0.08 0.00	38.78 0.04 0.00	38.93 0.08 0.00	39.53 0.00 0.00	43.02 0.04 0.00	47.22 0.09 0.00	44.91 -0.04 0.00	41.08 -0.16 0.00	38.16 -0.04 0.00	36.75 0.29 0.00	34.35 0.27 0.00	32.64 0.42 0.00

SITHE___STERLING 23777	37.29 0.66 0.00	34.84 0.65 0.00	33.87 0.60 0.00	33.29 0.62 0.00	34.75 0.72 0.00	36.60 1.00 0.00	44.11 1.65 0.00	49.37 1.90 0.00	49.09 1.80 0.00	45.75 1.76 0.00	44.52 1.75 0.00	40.73 1.57 0.00	39.71 1.49 0.00	40.22 1.47 0.00	40.30 1.44 0.00	41.04 1.50 0.00	44.61 1.63 0.00	48.77 1.65 0.00	46.39 1.44 0.00	42.57 1.32 0.00	39.19 0.99 0.00	37.23 0.77 0.00	34.70 0.61 0.00	32.80 0.58 0.00
SLEIGHT__34_KV_TB1 80719	35.09 -1.54 0.00	32.75 -1.44 0.00	31.84 -1.43 0.00	31.30 -1.37 0.00	32.74 -1.29 0.00	34.64 -0.96 0.00	41.64 -0.81 0.00	46.24 -1.23 0.00	45.82 -1.47 0.00	42.67 -1.32 0.00	41.61 -1.15 0.00	38.19 -0.98 0.00	37.26 -0.96 0.00	37.77 -0.97 0.00	37.65 -1.20 0.00	38.43 -1.11 0.00	41.82 -1.16 0.00	45.48 -1.65 0.00	43.47 -1.48 0.00	39.89 -1.36 0.00	36.82 -1.38 0.00	34.67 -1.79 0.00	32.38 -1.70 0.00	30.77 -1.45 0.00
SOUTH CAIRO___GT 23612	39.23 2.60 0.00	36.65 2.46 0.00	35.67 2.40 0.00	35.06 2.38 0.00	36.45 2.42 0.00	38.24 2.63 0.00	45.93 3.48 0.00	50.98 3.51 0.00	50.41 3.12 0.00	46.31 2.33 0.00	44.82 2.05 0.00	41.08 1.92 0.00	39.98 1.76 0.00	40.64 1.90 0.00	40.84 1.98 0.00	41.59 2.05 0.00	45.26 2.28 0.00	49.71 2.59 0.00	47.78 2.83 0.00	43.76 2.52 0.00	40.34 2.14 0.00	38.54 2.08 0.00	36.33 2.25 0.00	34.44 2.22 0.00
SOUTH HAMPTN___IC 23720	56.32 3.96 -15.74	48.23 3.52 -10.52	46.92 3.53 -10.12	46.91 3.43 -10.81	48.26 3.44 -10.79	59.97 3.81 -20.55	66.08 5.44 -18.19	70.24 6.45 -16.31	79.84 6.71 -25.84	67.59 6.20 -17.40	54.20 5.90 -5.52	53.15 5.37 -8.62	52.22 5.16 -8.84	52.05 5.35 -7.96	52.90 5.36 -8.68	54.02 5.53 -8.96	63.12 6.19 -13.95	75.51 6.93 -21.45	73.34 6.65 -21.73	65.75 6.27 -18.24	59.37 5.35 -15.83	54.71 4.81 -13.43	50.04 4.26 -11.70	46.08 3.74 -10.13
SOUTHDOW_115KV_TB1 355954	35.27 -1.36 0.00	33.06 -1.13 0.00	32.04 -1.23 0.00	31.47 -1.21 0.00	33.08 -0.95 0.00	35.32 -0.28 0.00	42.58 0.13 0.00	46.62 -0.85 0.00	45.82 -1.47 0.00	42.80 -1.19 0.00	42.17 -0.60 0.00	38.85 -0.31 0.00	37.84 -0.38 0.00	38.43 -0.31 0.00	37.85 -1.01 0.00	38.63 -0.91 0.00	41.86 -1.12 0.00	45.43 -1.70 0.00	43.11 -1.84 0.00	39.56 -1.69 0.00	36.36 -1.83 0.00	33.80 -2.66 0.00	31.53 -2.56 0.00	30.51 -1.71 0.00
SOUTHOLD_69_KV_BK 2 55809	56.72 4.36 -15.74	48.61 3.90 -10.52	47.28 3.89 -10.12	47.27 3.79 -10.81	48.67 3.85 -10.79	60.39 4.24 -20.55	66.63 5.99 -18.19	70.90 7.12 -16.31	80.51 7.38 -25.84	68.20 6.82 -17.40	54.83 6.54 -5.52	53.70 5.91 -8.62	52.83 5.77 -8.84	52.48 5.77 -7.96	53.41 5.87 -8.68	54.50 6.01 -8.96	63.72 6.79 -13.95	76.21 7.63 -21.45	74.06 7.37 -21.73	66.37 6.89 -18.24	60.14 6.11 -15.83	55.22 5.32 -13.43	50.48 4.70 -11.70	46.47 4.12 -10.13
SOUTHOLD___IC 23719	56.72 4.36 -15.74	48.61 3.90 -10.52	47.28 3.89 -10.12	47.27 3.79 -10.81	48.67 3.84 -10.79	60.39 4.23 -20.55	66.63 5.99 -18.19	70.90 7.12 -16.31	80.50 7.37 -25.84	68.20 6.82 -17.40	54.79 6.50 -5.52	53.70 5.91 -8.62	52.76 5.70 -8.84	52.51 5.81 -7.96	53.41 5.87 -8.68	54.54 6.05 -8.96	63.72 6.79 -13.95	76.21 7.63 -21.45	74.06 7.37 -21.73	66.37 6.89 -18.24	59.90 5.88 -15.83	55.22 5.32 -13.43	50.48 4.70 -11.70	46.47 4.13 -10.13
SOUTH_FORK_WT_PWR 323839	56.83 4.47 -15.74	48.71 4.00 -10.52	47.38 3.99 -10.12	47.37 3.89 -10.81	48.77 3.95 -10.79	60.50 4.34 -20.55	66.76 6.11 -18.19	71.09 7.31 -16.31	80.69 7.56 -25.84	68.33 6.95 -17.40	54.92 6.63 -5.52	53.85 6.07 -8.62	52.87 5.81 -8.84	52.67 5.96 -7.96	53.52 5.98 -8.68	54.70 6.21 -8.96	63.85 6.92 -13.95	76.35 7.77 -21.45	74.19 7.51 -21.73	66.54 7.05 -18.24	60.06 6.03 -15.83	55.33 5.43 -13.43	50.58 4.81 -11.70	46.57 4.22 -10.13
SPIERFLS_115KV_TB 1 80737	37.73 1.10 0.00	35.21 1.03 0.00	34.40 1.13 0.00	33.82 1.14 0.00	35.26 1.23 0.00	36.96 1.35 0.00	44.57 2.12 0.00	49.84 2.37 0.00	49.99 2.70 0.00	46.18 2.20 0.00	44.82 2.05 0.00	40.61 1.45 0.00	39.56 1.34 0.00	39.87 1.12 0.00	40.02 1.17 0.00	40.68 1.15 0.00	44.40 1.42 0.00	48.82 1.70 0.00	46.79 1.84 0.00	42.86 1.61 0.00	39.53 1.34 0.00	37.37 0.91 0.00	34.80 0.72 0.00	32.87 0.64 0.00
ST LAWRENCE____ 23600	36.70 0.07 0.00	34.26 0.07 0.00	33.34 0.07 0.00	32.74 0.07 0.00	34.10 0.07 0.00	35.46 -0.14 0.00	41.77 -0.68 0.00	46.76 -0.71 0.00	46.63 -0.66 0.00	43.37 -0.62 0.00	42.17 -0.60 0.00	38.62 -0.55 0.00	37.72 -0.50 0.00	38.16 -0.58 0.00	38.31 -0.54 0.00	38.94 -0.59 0.00	42.29 -0.69 0.00	46.42 -0.71 0.00	44.23 -0.72 0.00	40.46 -0.78 0.00	37.85 -0.34 0.00	36.24 -0.22 0.00	33.88 -0.20 0.00	32.09 -0.13 0.00
STATE_CA_115KV_115_LB 55624	38.09 1.47 0.00	35.59 1.40 0.00	34.67 1.40 0.00	34.05 1.37 0.00	35.43 1.40 0.00	37.06 1.46 0.00	44.40 1.95 0.00	49.65 2.18 0.00	49.04 1.75 0.00	45.35 1.36 0.00	44.01 1.24 0.00	40.46 1.29 0.00	39.48 1.26 0.00	40.02 1.28 0.00	40.22 1.36 0.00	40.88 1.34 0.00	44.31 1.33 0.00	48.68 1.56 0.00	46.52 1.57 0.00	42.73 1.48 0.00	39.61 1.41 0.00	37.66 1.20 0.00	35.58 1.50 0.00	33.61 1.39 0.00
STATE_ST_34_KV_LOAD 55959	36.08 -0.55 0.00	33.71 -0.48 0.00	32.77 -0.50 0.00	32.22 -0.46 0.00	33.66 -0.37 0.00	35.50 -0.11 0.00	42.66 0.21 0.00	47.71 0.24 0.00	47.34 0.05 0.00	44.03 0.04 0.00	42.90 0.13 0.00	39.32 0.16 0.00	38.33 0.11 0.00	38.90 0.15 0.00	38.90 0.04 0.00	39.61 0.08 0.00	43.07 0.09 0.00	47.12 0.00 0.00	45.00 0.04 0.00	41.29 0.04 0.00	38.08 -0.11 0.00	36.02 -0.44 0.00	33.57 -0.51 0.00	31.80 -0.42 0.00
STATION 5_MISC_HYD 23604	34.69 -1.94 0.00	32.41 -1.78 0.00	31.47 -1.80 0.00	30.94 -1.73 0.00	32.37 -1.67 0.00	34.32 -1.28 0.00	41.22 -1.23 0.00	45.38 -2.09 0.00	44.88 -2.41 0.00	41.92 -2.07 0.00	40.97 -1.79 0.00	37.64 -1.53 0.00	36.65 -1.57 0.00	37.04 -1.70 0.00	36.92 -1.94 0.00	37.64 -1.90 0.00	41.18 -1.80 0.00	44.58 -2.55 0.00	42.61 -2.34 0.00	39.23 -2.02 0.00	35.79 -2.41 0.00	34.02 -2.44 0.00	31.87 -2.21 0.00	30.35 -1.87 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.46 -1.17 0.00	33.13 -1.06 0.00	32.17 -1.10 0.00	31.63 -1.05 0.00	33.11 -0.92 0.00	35.03 -0.57 0.00	42.15 -0.30 0.00	46.71 -0.76 0.00	46.30 -0.99 0.00	43.11 -0.88 0.00	42.04 -0.73 0.00	38.58 -0.59 0.00	37.65 -0.57 0.00	38.16 -0.58 0.00	38.00 -0.85 0.00	38.82 -0.71 0.00	42.25 -0.73 0.00	45.95 -1.18 0.00	43.92 -1.03 0.00	40.34 -0.91 0.00	37.17 -1.03 0.00	35.00 -1.46 0.00	32.68 -1.40 0.00	31.09 -1.13 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.58 -2.05 0.00	32.31 -1.88 0.00	31.41 -1.86 0.00	30.85 -1.83 0.00	32.26 -1.77 0.00	34.22 -1.39 0.00	41.09 -1.36 0.00	45.38 -2.09 0.00	44.93 -2.36 0.00	41.87 -2.11 0.00	40.89 -1.88 0.00	37.56 -1.61 0.00	36.65 -1.57 0.00	37.19 -1.55 0.00	36.99 -1.87 0.00	37.76 -1.78 0.00	41.09 -1.89 0.00	44.53 -2.59 0.00	42.61 -2.34 0.00	39.19 -2.06 0.00	36.13 -2.06 0.00	33.98 -2.48 0.00	31.80 -2.28 0.00	30.29 -1.93 0.00

STA_56___34_KV_BUS2 355983	34.58 -2.05 0.00	32.31 -1.88 0.00	31.41 -1.86 0.00	30.85 -1.83 0.00	32.26 -1.77 0.00	34.22 -1.39 0.00	41.09 -1.36 0.00	45.38 -2.09 0.00	44.93 -2.36 0.00	41.87 -2.11 0.00	40.89 -1.88 0.00	37.56 -1.61 0.00	36.65 -1.57 0.00	37.19 -1.55 0.00	36.99 -1.87 0.00	37.76 -1.78 0.00	41.09 -1.89 0.00	44.53 -2.59 0.00	42.61 -2.34 0.00	39.19 -2.06 0.00	36.13 -2.06 0.00	33.98 -2.48 0.00	31.80 -2.28 0.00	30.29 -1.93 0.00
STA_67___115KV_BK2 355882	34.61 -2.01 0.00	32.34 -1.85 0.00	31.44 -1.83 0.00	30.88 -1.80 0.00	32.30 -1.74 0.00	34.25 -1.35 0.00	41.14 -1.32 0.00	45.33 -2.14 0.00	44.83 -2.46 0.00	41.83 -2.16 0.00	40.84 -1.92 0.00	37.56 -1.61 0.00	36.65 -1.57 0.00	37.19 -1.55 0.00	36.95 -1.90 0.00	37.76 -1.78 0.00	41.09 -1.89 0.00	44.49 -2.64 0.00	42.52 -2.43 0.00	39.14 -2.10 0.00	36.13 -2.06 0.00	33.95 -2.52 0.00	31.80 -2.28 0.00	30.32 -1.90 0.00
STA_7___115KV_9TRANS 80674	34.83 -1.79 0.00	32.55 -1.64 0.00	31.61 -1.66 0.00	31.04 -1.63 0.00	32.50 -1.53 0.00	34.46 -1.14 0.00	41.43 -1.02 0.00	45.71 -1.76 0.00	45.21 -2.08 0.00	42.18 -1.80 0.00	41.14 -1.63 0.00	37.83 -1.33 0.00	36.92 -1.30 0.00	37.46 -1.28 0.00	37.23 -1.63 0.00	38.03 -1.50 0.00	41.43 -1.55 0.00	44.82 -2.31 0.00	42.88 -2.07 0.00	39.43 -1.81 0.00	36.40 -1.80 0.00	34.16 -2.30 0.00	32.00 -2.08 0.00	30.48 -1.74 0.00
STA_82___115KV_TB1 80780	34.61 -2.01 0.00	32.38 -1.81 0.00	31.44 -1.83 0.00	30.88 -1.80 0.00	32.33 -1.70 0.00	34.29 -1.32 0.00	41.18 -1.27 0.00	45.38 -2.09 0.00	44.88 -2.41 0.00	41.87 -2.11 0.00	40.84 -1.92 0.00	37.56 -1.61 0.00	36.69 -1.53 0.00	37.23 -1.51 0.00	36.95 -1.90 0.00	37.76 -1.78 0.00	41.09 -1.89 0.00	44.49 -2.64 0.00	42.57 -2.38 0.00	39.14 -2.10 0.00	36.13 -2.06 0.00	33.95 -2.52 0.00	31.80 -2.28 0.00	30.32 -1.90 0.00
STEEL___WIND 323596	34.14 -2.49 0.00	31.97 -2.22 0.00	31.01 -2.26 0.00	30.45 -2.22 0.00	31.92 -2.11 0.00	34.07 -1.53 0.00	40.88 -1.57 0.00	44.34 -3.13 0.00	43.55 -3.74 0.00	40.82 -3.17 0.00	40.25 -2.52 0.00	37.01 -2.15 0.00	36.00 -2.22 0.00	36.38 -2.36 0.00	36.02 -2.83 0.00	36.73 -2.81 0.00	40.14 -2.84 0.00	43.35 -3.77 0.00	41.35 -3.60 0.00	38.15 -3.09 0.00	34.53 -3.67 0.00	32.78 -3.68 0.00	30.81 -3.27 0.00	29.77 -2.45 0.00
STEPHTWN_115KV_BK_2 55603	38.42 1.79 0.00	35.90 1.71 0.00	34.94 1.66 0.00	34.34 1.67 0.00	35.73 1.70 0.00	37.42 1.82 0.00	44.91 2.46 0.00	50.22 2.75 0.00	49.66 2.36 0.00	45.88 1.89 0.00	44.52 1.75 0.00	40.89 1.72 0.00	39.86 1.64 0.00	40.41 1.67 0.00	40.61 1.75 0.00	41.27 1.74 0.00	44.83 1.85 0.00	49.24 2.12 0.00	47.06 2.11 0.00	43.23 1.98 0.00	40.03 1.83 0.00	38.07 1.60 0.00	35.89 1.81 0.00	33.87 1.64 0.00
STEBUBEN_REC_LFGE 323667	35.93 -0.70 0.00	33.68 -0.51 0.00	32.77 -0.50 0.00	32.25 -0.42 0.00	33.83 -0.20 0.00	36.03 0.43 0.00	43.39 0.93 0.00	47.80 0.33 0.00	47.01 -0.28 0.00	43.85 -0.13 0.00	42.98 0.21 0.00	39.48 0.31 0.00	38.49 0.27 0.00	39.09 0.35 0.00	38.74 -0.12 0.00	39.61 0.08 0.00	43.02 0.04 0.00	46.79 -0.33 0.00	44.55 -0.40 0.00	40.84 -0.41 0.00	37.51 -0.69 0.00	35.04 -1.42 0.00	32.62 -1.47 0.00	31.32 -0.90 0.00
STILLWATER___SOLAR 323814	38.28 1.65 0.00	35.73 1.54 0.00	34.80 1.53 0.00	34.18 1.50 0.00	35.60 1.57 0.00	37.31 1.71 0.00	44.87 2.42 0.00	50.17 2.70 0.00	50.18 2.89 0.00	46.45 2.46 0.00	45.08 2.31 0.00	41.12 1.96 0.00	40.02 1.80 0.00	40.56 1.82 0.00	40.76 1.90 0.00	41.47 1.94 0.00	45.13 2.15 0.00	49.57 2.45 0.00	47.47 2.52 0.00	43.51 2.27 0.00	40.07 1.87 0.00	38.06 1.60 0.00	35.55 1.46 0.00	33.54 1.32 0.00
STONY___BROOK 24151	55.52 3.15 -15.74	47.51 2.80 -10.52	46.19 2.80 -10.12	46.19 2.71 -10.81	47.51 2.69 -10.79	59.11 2.95 -20.55	64.98 4.33 -18.19	68.86 5.08 -16.31	78.47 5.34 -25.84	66.39 5.01 -17.40	53.00 4.70 -5.52	52.09 4.31 -8.62	51.27 4.20 -8.84	51.08 4.38 -7.96	51.97 4.43 -8.68	53.00 4.51 -8.96	61.87 4.94 -13.95	73.99 5.42 -21.45	71.85 5.17 -21.73	64.47 4.99 -18.24	58.26 4.24 -15.83	53.72 3.83 -13.43	49.22 3.44 -11.70	45.35 3.00 -10.13
STURGEON_POOL_HYD 23609	38.20 1.57 0.00	35.56 1.37 0.00	34.67 1.40 0.00	34.01 1.34 0.00	35.29 1.26 0.00	36.92 1.32 0.00	44.57 2.12 0.00	49.89 2.42 0.00	50.13 2.84 0.00	46.76 2.77 0.00	45.38 2.61 0.00	41.48 2.31 0.00	40.47 2.25 0.00	41.03 2.29 0.00	41.23 2.37 0.00	41.91 2.37 0.00	45.65 2.66 0.00	50.14 3.02 0.00	47.87 2.92 0.00	44.01 2.76 0.00	40.57 2.37 0.00	38.47 2.01 0.00	35.85 1.77 0.00	33.74 1.51 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.98 1.36 0.00	35.39 1.20 0.00	34.50 1.23 0.00	33.88 1.21 0.00	35.16 1.12 0.00	36.78 1.17 0.00	44.36 1.91 0.00	49.70 2.23 0.00	49.80 2.51 0.00	46.36 2.38 0.00	45.04 2.27 0.00	41.20 2.04 0.00	40.25 2.03 0.00	40.80 2.05 0.00	40.99 2.14 0.00	41.63 2.10 0.00	45.30 2.32 0.00	49.76 2.64 0.00	47.51 2.56 0.00	43.68 2.43 0.00	40.30 2.10 0.00	38.21 1.75 0.00	35.68 1.60 0.00	33.61 1.39 0.00
SWANROAD_115KV_TB1 355699	32.89 -3.74 0.00	30.84 -3.35 0.00	29.91 -3.36 0.00	29.34 -3.33 0.00	30.77 -3.27 0.00	32.86 -2.74 0.00	39.23 -3.23 0.00	42.53 -4.94 0.00	41.76 -5.53 0.00	39.01 -4.97 0.00	38.36 -4.41 0.00	35.37 -3.80 0.00	34.55 -3.67 0.00	35.14 -3.60 0.00	34.66 -4.20 0.00	35.46 -4.07 0.00	38.47 -4.51 0.00	41.33 -5.80 0.00	39.56 -5.39 0.00	36.55 -4.70 0.00	33.77 -4.43 0.00	31.47 -5.00 0.00	29.65 -4.43 0.00	28.61 -3.61 0.00
SYNERGY___BIOGAS 323694	34.54 -2.09 0.00	32.31 -1.88 0.00	31.31 -1.96 0.00	30.78 -1.90 0.00	32.30 -1.73 0.00	34.43 -1.17 0.00	41.39 -1.06 0.00	45.10 -2.37 0.00	44.45 -2.84 0.00	41.57 -2.42 0.00	40.76 -2.01 0.00	37.44 -1.72 0.00	36.42 -1.80 0.00	36.77 -1.97 0.00	36.49 -2.37 0.00	37.28 -2.25 0.00	40.88 -2.11 0.00	44.06 -3.06 0.00	42.07 -2.88 0.00	38.81 -2.43 0.00	35.18 -3.02 0.00	33.40 -3.06 0.00	31.32 -2.76 0.00	30.06 -2.16 0.00
SYRACUSE___ENERGY_ST1 323597	35.97 -0.66 0.00	33.57 -0.62 0.00	32.67 -0.60 0.00	32.09 -0.59 0.00	33.45 -0.58 0.00	35.21 -0.39 0.00	42.24 -0.21 0.00	47.14 -0.33 0.00	46.86 -0.43 0.00	43.59 -0.40 0.00	42.43 -0.34 0.00	38.89 -0.27 0.00	37.95 -0.27 0.00	38.47 -0.27 0.00	38.51 -0.35 0.00	39.22 -0.32 0.00	42.64 -0.34 0.00	46.70 -0.42 0.00	44.55 -0.40 0.00	40.88 -0.37 0.00	37.78 -0.42 0.00	35.81 -0.66 0.00	33.43 -0.65 0.00	31.64 -0.58 0.00
SYRACUSE___ENERGY_ST2 323598	35.97 -0.66 0.00	33.57 -0.62 0.00	32.67 -0.60 0.00	32.09 -0.59 0.00	33.45 -0.58 0.00	35.21 -0.39 0.00	42.24 -0.21 0.00	47.14 -0.33 0.00	46.86 -0.43 0.00	43.59 -0.40 0.00	42.43 -0.34 0.00	38.89 -0.27 0.00	37.95 -0.27 0.00	38.47 -0.27 0.00	38.51 -0.35 0.00	39.22 -0.32 0.00	42.64 -0.34 0.00	46.70 -0.42 0.00	44.55 -0.40 0.00	40.88 -0.37 0.00	37.78 -0.42 0.00	35.81 -0.66 0.00	33.43 -0.65 0.00	31.64 -0.58 0.00

SYRACUSE___POWER 24017	35.90 -0.73 0.00	33.54 -0.65 0.00	32.61 -0.67 0.00	32.02 -0.65 0.00	33.42 -0.61 0.00	35.14 -0.46 0.00	42.20 -0.25 0.00	47.14 -0.33 0.00	46.82 -0.47 0.00	43.59 -0.40 0.00	42.47 -0.30 0.00	38.89 -0.27 0.00	37.95 -0.27 0.00	38.51 -0.23 0.00	38.51 -0.35 0.00	39.26 -0.28 0.00	42.64 -0.34 0.00	46.70 -0.42 0.00	44.55 -0.40 0.00	40.88 -0.37 0.00	37.78 -0.42 0.00	35.77 -0.69 0.00	33.40 -0.68 0.00	31.61 -0.61 0.00
TALLMAN___138KV_BK151 55660	38.09 1.47 0.00	35.49 1.30 0.00	34.60 1.33 0.00	33.98 1.31 0.00	35.26 1.23 0.00	36.85 1.25 0.00	44.49 2.04 0.00	49.89 2.42 0.00	50.03 2.74 0.00	46.62 2.64 0.00	45.29 2.52 0.00	41.44 2.27 0.00	40.51 2.29 0.00	41.07 2.32 0.00	41.23 2.37 0.00	41.87 2.33 0.00	45.52 2.54 0.00	50.05 2.92 0.00	47.78 2.83 0.00	43.93 2.68 0.00	40.53 2.33 0.00	38.39 1.93 0.00	35.85 1.77 0.00	33.74 1.51 0.00
TEALLAVE_115KV_TB7 355573	35.68 -0.95 0.00	33.30 -0.89 0.00	32.41 -0.87 0.00	31.83 -0.85 0.00	33.22 -0.82 0.00	34.93 -0.68 0.00	41.94 -0.51 0.00	46.81 -0.66 0.00	46.53 -0.76 0.00	43.32 -0.66 0.00	42.17 -0.60 0.00	38.66 -0.51 0.00	37.72 -0.50 0.00	38.24 -0.50 0.00	38.27 -0.58 0.00	38.98 -0.55 0.00	42.38 -0.60 0.00	46.37 -0.75 0.00	44.23 -0.72 0.00	40.59 -0.66 0.00	37.47 -0.73 0.00	35.51 -0.95 0.00	33.16 -0.92 0.00	31.38 -0.84 0.00
TELGRAPH_34_KV_EAST 80808	33.88 -2.75 0.00	31.73 -2.46 0.00	30.81 -2.46 0.00	30.22 -2.45 0.00	31.68 -2.35 0.00	33.82 -1.78 0.00	40.54 -1.91 0.00	44.19 -3.28 0.00	43.46 -3.83 0.00	40.60 -3.39 0.00	39.82 -2.95 0.00	36.66 -2.51 0.00	35.81 -2.41 0.00	36.38 -2.36 0.00	35.94 -2.91 0.00	36.77 -2.77 0.00	39.97 -3.01 0.00	43.02 -4.10 0.00	41.13 -3.82 0.00	37.91 -3.34 0.00	34.99 -3.21 0.00	32.63 -3.83 0.00	30.64 -3.44 0.00	29.48 -2.74 0.00
TEMPLE___115KV_TB 2 55572	35.71 -0.92 0.00	33.33 -0.85 0.00	32.44 -0.83 0.00	31.86 -0.82 0.00	33.25 -0.78 0.00	34.96 -0.64 0.00	41.94 -0.51 0.00	46.85 -0.62 0.00	46.58 -0.71 0.00	43.32 -0.66 0.00	42.21 -0.56 0.00	38.69 -0.47 0.00	37.72 -0.50 0.00	38.28 -0.46 0.00	38.31 -0.54 0.00	39.02 -0.51 0.00	42.38 -0.60 0.00	46.37 -0.75 0.00	44.28 -0.67 0.00	40.63 -0.62 0.00	37.51 -0.69 0.00	35.55 -0.91 0.00	33.20 -0.89 0.00	31.42 -0.81 0.00
TIANA____69_KV_BK 1 55817	56.14 3.77 -15.74	48.06 3.35 -10.52	46.75 3.36 -10.12	46.78 3.30 -10.81	48.12 3.30 -10.79	59.79 3.63 -20.55	65.87 5.22 -18.19	69.95 6.17 -16.31	79.61 6.48 -25.84	67.36 5.98 -17.40	54.02 5.73 -5.52	52.95 5.17 -8.62	52.11 5.04 -8.84	51.82 5.11 -7.96	52.71 5.17 -8.68	53.79 5.30 -8.96	62.90 5.97 -13.95	75.27 6.69 -21.45	73.11 6.43 -21.73	65.55 6.06 -18.24	59.37 5.35 -15.83	54.53 4.63 -13.43	49.87 4.09 -11.70	45.93 3.58 -10.13
TILDEN___115KV_TB1 80814	35.90 -0.73 0.00	33.54 -0.65 0.00	32.61 -0.67 0.00	32.02 -0.65 0.00	33.42 -0.61 0.00	35.14 -0.46 0.00	42.20 -0.25 0.00	47.14 -0.33 0.00	46.82 -0.47 0.00	43.59 -0.40 0.00	42.47 -0.30 0.00	38.89 -0.27 0.00	37.95 -0.27 0.00	38.51 -0.23 0.00	38.51 -0.35 0.00	39.26 -0.28 0.00	42.64 -0.34 0.00	46.70 -0.42 0.00	44.55 -0.40 0.00	40.88 -0.37 0.00	37.78 -0.42 0.00	35.77 -0.69 0.00	33.40 -0.68 0.00	31.61 -0.61 0.00
TRIGEN___CC 323695	54.71 2.34 -15.74	46.83 2.12 -10.52	45.49 2.10 -10.12	45.51 2.03 -10.81	46.83 2.01 -10.79	58.25 2.10 -20.55	63.78 3.14 -18.19	67.43 3.66 -16.30	77.10 3.97 -25.83	65.20 3.83 -17.39	51.93 3.64 -5.52	51.11 3.33 -8.62	50.39 3.33 -8.84	50.08 3.37 -7.96	50.96 3.42 -8.68	51.89 3.40 -8.96	60.63 3.70 -13.95	72.77 4.19 -21.45	70.68 4.00 -21.73	63.28 3.79 -18.24	57.39 3.36 -15.83	52.74 2.84 -13.43	48.40 2.62 -11.70	44.64 2.29 -10.13
TRINITY___115KV___4 BK 55933	38.02 1.39 0.00	35.52 1.33 0.00	34.57 1.30 0.00	33.95 1.27 0.00	35.33 1.29 0.00	36.96 1.35 0.00	44.23 1.78 0.00	49.46 1.99 0.00	48.85 1.56 0.00	45.13 1.14 0.00	43.80 1.03 0.00	40.30 1.14 0.00	39.33 1.11 0.00	39.87 1.12 0.00	40.06 1.20 0.00	40.72 1.19 0.00	44.14 1.16 0.00	48.49 1.37 0.00	46.30 1.35 0.00	42.53 1.28 0.00	39.46 1.26 0.00	37.56 1.09 0.00	35.48 1.40 0.00	33.51 1.29 0.00
UNION___PROCESSING_DRP 323587	34.65 -1.98 0.00	32.38 -1.81 0.00	31.44 -1.83 0.00	30.91 -1.76 0.00	32.33 -1.70 0.00	34.29 -1.32 0.00	41.18 -1.27 0.00	45.38 -2.09 0.00	44.93 -2.36 0.00	41.87 -2.11 0.00	40.89 -1.88 0.00	37.60 -1.57 0.00	36.69 -1.53 0.00	37.23 -1.51 0.00	36.99 -1.87 0.00	37.79 -1.74 0.00	41.13 -1.85 0.00	44.53 -2.59 0.00	42.57 -2.38 0.00	39.19 -2.06 0.00	36.17 -2.02 0.00	33.95 -2.52 0.00	31.83 -2.25 0.00	30.35 -1.87 0.00
UPPER HUDSON___HYD 24058	37.73 1.10 0.00	35.21 1.02 0.00	34.40 1.13 0.00	33.82 1.14 0.00	35.26 1.22 0.00	36.96 1.35 0.00	44.57 2.12 0.00	49.84 2.37 0.00	49.98 2.69 0.00	46.18 2.20 0.00	44.82 2.05 0.00	40.61 1.45 0.00	39.52 1.30 0.00	39.90 1.16 0.00	40.02 1.16 0.00	40.72 1.18 0.00	44.40 1.42 0.00	48.82 1.69 0.00	46.79 1.84 0.00	42.85 1.61 0.00	39.42 1.22 0.00	37.37 0.91 0.00	34.80 0.72 0.00	32.87 0.64 0.00
UPPER RAQUET___HYD 24056	36.55 -0.07 0.00	34.16 -0.03 0.00	33.21 -0.07 0.00	32.58 -0.10 0.00	33.96 -0.07 0.00	35.03 -0.57 0.00	41.13 -1.32 0.00	46.24 -1.23 0.00	46.11 -1.18 0.00	42.93 -1.06 0.00	41.79 -0.98 0.00	38.22 -0.94 0.00	37.30 -0.92 0.00	37.70 -1.04 0.00	37.85 -1.01 0.00	38.47 -1.07 0.00	41.82 -1.16 0.00	45.90 -1.23 0.00	43.65 -1.31 0.00	39.85 -1.40 0.00	37.24 -0.95 0.00	35.62 -0.84 0.00	33.40 -0.68 0.00	31.90 -0.32 0.00
VALLEY44_115KV_TB2 355964	34.65 -1.98 0.00	32.45 -1.74 0.00	31.47 -1.80 0.00	30.91 -1.76 0.00	32.40 -1.63 0.00	34.50 -1.10 0.00	41.47 -0.98 0.00	45.14 -2.33 0.00	44.31 -2.98 0.00	41.39 -2.60 0.00	40.76 -2.01 0.00	37.56 -1.61 0.00	36.69 -1.53 0.00	37.23 -1.51 0.00	36.76 -2.10 0.00	37.52 -2.02 0.00	40.75 -2.24 0.00	44.20 -2.92 0.00	42.16 -2.79 0.00	38.77 -2.47 0.00	35.71 -2.48 0.00	33.33 -3.14 0.00	31.15 -2.93 0.00	30.32 -1.90 0.00
VALLEY___115KV_TB 1-4 80826	37.14 0.51 0.00	34.70 0.51 0.00	33.77 0.50 0.00	33.16 0.49 0.00	34.58 0.54 0.00	36.32 0.71 0.00	43.56 1.10 0.00	48.75 1.28 0.00	48.61 1.32 0.00	45.26 1.28 0.00	44.01 1.24 0.00	40.30 1.14 0.00	39.33 1.11 0.00	39.87 1.12 0.00	39.98 1.13 0.00	40.64 1.11 0.00	44.10 1.12 0.00	48.30 1.18 0.00	45.98 1.03 0.00	42.24 0.99 0.00	39.04 0.84 0.00	37.12 0.66 0.00	34.66 0.58 0.00	32.74 0.52 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.53 1.90 0.00	36.00 1.81 0.00	35.00 1.73 0.00	34.37 1.70 0.00	35.84 1.80 0.00	37.70 2.10 0.00	45.59 3.14 0.00	51.13 3.66 0.00	50.93 3.64 0.00	47.37 3.39 0.00	46.06 3.29 0.00	42.14 2.98 0.00	41.09 2.87 0.00	41.57 2.83 0.00	41.65 2.80 0.00	42.34 2.81 0.00	46.20 3.22 0.00	50.71 3.58 0.00	48.28 3.33 0.00	44.38 3.13 0.00	41.02 2.83 0.00	38.76 2.30 0.00	36.09 2.01 0.00	34.06 1.84 0.00

VISCHER___FERRY HYD 24020	38.17 1.54 0.00	35.62 1.44 0.00	34.67 1.40 0.00	34.05 1.37 0.00	35.46 1.43 0.00	37.13 1.53 0.00	44.57 2.12 0.00	49.84 2.37 0.00	49.70 2.41 0.00	46.10 2.11 0.00	44.70 1.93 0.00	40.85 1.68 0.00	39.79 1.57 0.00	40.41 1.66 0.00	40.65 1.79 0.00	41.31 1.78 0.00	44.92 1.94 0.00	49.34 2.22 0.00	47.15 2.20 0.00	43.31 2.06 0.00	39.92 1.72 0.00	37.99 1.53 0.00	35.58 1.50 0.00	33.57 1.35 0.00
V_A_10_SYNC_DSASP 323832	33.51 -3.11 0.00	31.35 -2.84 0.00	30.44 -2.83 0.00	29.90 -2.78 0.00	31.31 -2.72 0.00	33.32 -2.28 0.00	39.95 -2.50 0.00	43.48 -3.99 0.00	42.80 -4.49 0.00	40.07 -3.91 0.00	39.39 -3.38 0.00	36.23 -2.94 0.00	35.28 -2.94 0.00	35.61 -3.14 0.00	35.36 -3.50 0.00	36.09 -3.44 0.00	39.46 -3.52 0.00	42.55 -4.57 0.00	40.68 -4.27 0.00	37.58 -3.67 0.00	34.15 -4.05 0.00	32.49 -3.97 0.00	30.57 -3.51 0.00	29.32 -2.90 0.00
V_CMM_10_SYNC_DSASP 323787	36.85 0.22 0.00	34.40 0.21 0.00	33.47 0.20 0.00	32.84 0.16 0.00	34.24 0.21 0.00	35.60 0.00 0.00	41.94 -0.51 0.00	47.00 -0.47 0.00	46.82 -0.47 0.00	43.54 -0.44 0.00	42.38 -0.39 0.00	38.81 -0.35 0.00	37.88 -0.34 0.00	38.32 -0.43 0.00	38.47 -0.39 0.00	39.10 -0.43 0.00	42.47 -0.51 0.00	46.61 -0.52 0.00	44.41 -0.54 0.00	40.63 -0.62 0.00	37.97 -0.23 0.00	36.39 -0.07 0.00	34.01 -0.07 0.00	32.22 0.00 0.00
V_CMP_10_SYNC_DSASP 323788	38.42 1.79 0.00	35.86 1.67 0.00	34.84 1.56 0.00	34.18 1.50 0.00	35.67 1.63 0.00	37.17 1.56 0.00	43.34 0.89 0.00	48.56 1.09 0.00	48.38 1.09 0.00	45.00 1.01 0.00	43.92 1.16 0.00	40.22 1.06 0.00	39.21 0.99 0.00	39.64 0.89 0.00	39.75 0.89 0.00	40.40 0.87 0.00	43.80 0.81 0.00	48.16 1.04 0.00	45.76 0.81 0.00	41.54 0.29 0.00	38.66 0.46 0.00	36.86 0.40 0.00	34.35 0.27 0.00	32.93 0.71 0.00
V_D_10_SYNC_DSASP 323841	37.03 0.40 0.00	34.60 0.41 0.00	33.64 0.37 0.00	33.00 0.33 0.00	34.41 0.38 0.00	35.75 0.14 0.00	42.11 -0.34 0.00	47.19 -0.28 0.00	47.01 -0.28 0.00	43.72 -0.26 0.00	42.56 -0.21 0.00	38.97 -0.19 0.00	38.03 -0.19 0.00	38.47 -0.27 0.00	38.63 -0.23 0.00	39.26 -0.27 0.00	42.64 -0.35 0.00	46.80 -0.33 0.00	44.59 -0.36 0.00	40.75 -0.49 0.00	38.08 -0.11 0.00	36.50 0.04 0.00	34.12 0.03 0.00	32.35 0.13 0.00
V_E_10_SYNC_DSASP 323830	39.01 2.38 0.00	36.48 2.29 0.00	35.40 2.13 0.00	34.83 2.16 0.00	36.48 2.45 0.00	38.77 3.17 0.00	47.16 4.71 0.00	52.93 5.46 0.00	52.30 5.01 0.00	48.56 4.57 0.00	47.43 4.66 0.00	43.43 4.27 0.00	42.16 3.94 0.00	42.85 4.10 0.00	42.90 4.04 0.00	43.68 4.15 0.00	48.01 5.03 0.00	52.59 5.46 0.00	49.98 5.03 0.00	45.83 4.58 0.00	41.94 3.75 0.00	39.67 3.21 0.00	36.81 2.73 0.00	34.80 2.58 0.00
V_F_30_NSYNC___DSASP 323816	38.31 1.69 0.00	35.76 1.57 0.00	34.84 1.56 0.00	34.21 1.54 0.00	35.63 1.60 0.00	37.35 1.74 0.00	44.91 2.46 0.00	50.22 2.75 0.00	50.22 2.93 0.00	46.49 2.51 0.00	45.12 2.35 0.00	41.16 2.00 0.00	40.09 1.87 0.00	40.64 1.90 0.00	40.80 1.94 0.00	41.51 1.98 0.00	45.21 2.23 0.00	49.62 2.50 0.00	47.51 2.56 0.00	43.56 2.31 0.00	40.11 1.91 0.00	38.10 1.64 0.00	35.58 1.50 0.00	33.57 1.35 0.00
V_F_30_SYNC_DSASP 323786	38.09 1.47 0.00	35.59 1.40 0.00	34.67 1.40 0.00	34.05 1.37 0.00	35.43 1.40 0.00	37.06 1.46 0.00	44.40 1.95 0.00	49.65 2.18 0.00	49.04 1.75 0.00	45.35 1.36 0.00	44.01 1.24 0.00	40.46 1.29 0.00	39.48 1.26 0.00	40.02 1.28 0.00	40.22 1.36 0.00	40.88 1.34 0.00	44.31 1.33 0.00	48.68 1.56 0.00	46.48 1.53 0.00	42.69 1.44 0.00	39.61 1.41 0.00	37.66 1.20 0.00	35.58 1.50 0.00	33.58 1.35 0.00
V_XM_10_SYNC_DSASP 323789	38.42 1.79 0.00	35.86 1.67 0.00	34.84 1.56 0.00	34.18 1.50 0.00	35.67 1.63 0.00	37.17 1.56 0.00	43.34 0.89 0.00	48.56 1.09 0.00	48.38 1.09 0.00	45.00 1.01 0.00	43.92 1.16 0.00	40.22 1.06 0.00	39.21 0.99 0.00	39.64 0.89 0.00	39.75 0.89 0.00	40.40 0.87 0.00	43.80 0.81 0.00	48.16 1.04 0.00	45.76 0.81 0.00	41.54 0.29 0.00	38.66 0.46 0.00	36.86 0.40 0.00	34.35 0.27 0.00	32.93 0.71 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.20 1.57 0.00	35.59 1.40 0.00	34.70 1.43 0.00	34.08 1.41 0.00	35.33 1.29 0.00	36.96 1.35 0.00	44.62 2.17 0.00	50.03 2.56 0.00	50.18 2.88 0.00	46.76 2.77 0.00	45.38 2.61 0.00	41.51 2.35 0.00	40.59 2.37 0.00	41.15 2.40 0.00	41.34 2.49 0.00	41.99 2.45 0.00	45.65 2.66 0.00	50.19 3.06 0.00	47.92 2.97 0.00	44.05 2.80 0.00	40.64 2.44 0.00	38.50 2.04 0.00	35.96 1.87 0.00	33.83 1.61 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.57 1.94 0.00	35.86 1.68 0.00	34.94 1.66 0.00	34.31 1.63 0.00	35.60 1.57 0.00	37.24 1.64 0.00	45.08 2.63 0.00	50.60 3.13 0.00	50.79 3.50 0.00	47.42 3.43 0.00	46.02 3.25 0.00	42.14 2.98 0.00	41.24 3.02 0.00	41.80 3.06 0.00	41.97 3.11 0.00	42.58 3.04 0.00	46.29 3.31 0.00	50.85 3.72 0.00	48.46 3.51 0.00	44.63 3.38 0.00	41.18 2.98 0.00	38.94 2.48 0.00	36.37 2.28 0.00	34.16 1.93 0.00
W50THST__13_KV_LOAD 356117	38.75 2.12 0.00	36.04 1.85 0.00	35.10 1.83 0.00	34.44 1.76 0.00	35.77 1.74 0.00	37.42 1.82 0.00	45.34 2.89 0.00	50.94 3.47 0.00	51.07 3.78 0.00	47.64 3.65 0.00	46.36 3.59 0.00	42.42 3.25 0.00	41.54 3.33 0.00	42.11 3.37 0.00	42.28 3.42 0.00	42.86 3.32 0.00	46.59 3.61 0.00	51.08 3.96 0.00	48.68 3.73 0.00	44.88 3.63 0.00	41.33 3.13 0.00	39.16 2.70 0.00	36.54 2.45 0.00	34.32 2.09 0.00
WADING RIVER_IC_1 23522	55.70 3.33 -15.74	47.68 2.97 -10.52	46.39 3.00 -10.12	46.39 2.91 -10.81	47.71 2.89 -10.79	59.32 3.17 -20.55	65.27 4.63 -18.19	69.28 5.50 -16.31	78.90 5.77 -25.84	66.75 5.36 -17.40	53.34 5.04 -5.52	52.36 4.58 -8.62	51.49 4.43 -8.84	51.31 4.61 -7.96	52.20 4.66 -8.68	53.31 4.82 -8.96	62.26 5.33 -13.95	74.56 5.99 -21.45	72.39 5.71 -21.73	64.93 5.44 -18.24	58.64 4.62 -15.83	54.02 4.12 -13.43	49.46 3.68 -11.70	45.54 3.19 -10.13
WADING RIVER_IC_2 23547	55.70 3.33 -15.74	47.68 2.97 -10.52	46.39 3.00 -10.12	46.39 2.91 -10.81	47.71 2.89 -10.79	59.32 3.17 -20.55	65.27 4.63 -18.19	69.28 5.50 -16.31	78.90 5.77 -25.84	66.75 5.36 -17.40	53.34 5.04 -5.52	52.36 4.58 -8.62	51.49 4.43 -8.84	51.31 4.61 -7.96	52.20 4.66 -8.68	53.31 4.82 -8.96	62.26 5.33 -13.95	74.56 5.99 -21.45	72.39 5.71 -21.73	64.93 5.44 -18.24	58.64 4.62 -15.83	54.02 4.12 -13.43	49.46 3.68 -11.70	45.54 3.19 -10.13
WADING RIVER_IC_3 23601	55.70 3.33 -15.74	47.68 2.97 -10.52	46.39 3.00 -10.12	46.39 2.91 -10.81	47.71 2.89 -10.79	59.32 3.17 -20.55	65.27 4.63 -18.19	69.28 5.50 -16.31	78.90 5.77 -25.84	66.75 5.36 -17.40	53.34 5.04 -5.52	52.36 4.58 -8.62	51.49 4.43 -8.84	51.31 4.61 -7.96	52.20 4.66 -8.68	53.31 4.82 -8.96	62.26 5.33 -13.95	74.56 5.99 -21.45	72.39 5.71 -21.73	64.93 5.44 -18.24	58.64 4.62 -15.83	54.02 4.12 -13.43	49.46 3.68 -11.70	45.54 3.19 -10.13



WALDENNY_12_KV_BK2 80841	34.06 -2.56 0.00	31.90 -2.29 0.00	30.98 -2.30 0.00	30.39 -2.29 0.00	31.85 -2.18 0.00	34.00 -1.60 0.00	40.75 -1.70 0.00	44.38 -3.09 0.00	43.60 -3.69 0.00	40.77 -3.21 0.00	40.07 -2.69 0.00	36.97 -2.19 0.00	36.08 -2.14 0.00	36.65 -2.09 0.00	36.18 -2.68 0.00	36.96 -2.57 0.00	40.10 -2.88 0.00	43.31 -3.82 0.00	41.31 -3.64 0.00	38.07 -3.18 0.00	35.10 -3.09 0.00	32.74 -3.72 0.00	30.74 -3.34 0.00	29.68 -2.55 0.00
WALDEN___HYDRO 24148	38.39 1.76 0.00	35.76 1.57 0.00	34.84 1.56 0.00	34.21 1.54 0.00	35.46 1.43 0.00	37.17 1.57 0.00	44.87 2.42 0.00	50.22 2.75 0.00	50.27 2.98 0.00	46.80 2.82 0.00	45.42 2.65 0.00	41.51 2.35 0.00	40.51 2.29 0.00	41.11 2.36 0.00	41.27 2.41 0.00	41.99 2.45 0.00	45.73 2.75 0.00	50.23 3.11 0.00	48.05 3.10 0.00	44.13 2.89 0.00	40.72 2.52 0.00	38.58 2.11 0.00	36.02 1.94 0.00	33.90 1.68 0.00
WARRENSBURG___ 23737	37.73 1.10 0.00	35.21 1.02 0.00	34.40 1.13 0.00	33.82 1.14 0.00	35.26 1.22 0.00	36.96 1.35 0.00	44.57 2.12 0.00	49.84 2.37 0.00	49.98 2.69 0.00	46.18 2.20 0.00	44.82 2.05 0.00	40.61 1.45 0.00	39.52 1.30 0.00	39.90 1.16 0.00	40.02 1.16 0.00	40.72 1.18 0.00	44.40 1.42 0.00	48.82 1.69 0.00	46.79 1.84 0.00	42.85 1.61 0.00	39.42 1.22 0.00	37.37 0.91 0.00	34.80 0.72 0.00	32.87 0.64 0.00
WATERSIDE___6 8 9 23538	38.61 1.98 0.00	35.86 1.68 0.00	34.94 1.66 0.00	34.28 1.60 0.00	35.60 1.57 0.00	37.21 1.60 0.00	45.04 2.59 0.00	50.70 3.23 0.00	50.97 3.69 0.01	47.63 3.65 0.01	46.20 3.42 -0.01	42.26 3.09 0.00	41.40 3.17 -0.01	41.97 3.22 -0.01	42.13 3.26 -0.01	42.73 3.20 0.01	46.46 3.48 0.00	49.41 3.96 1.67	41.23 3.78 7.49	44.83 3.59 0.01	41.36 3.17 0.01	39.08 2.63 0.01	36.49 2.42 0.01	34.22 2.00 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.07 0.44 0.00	34.63 0.44 0.00	33.70 0.43 0.00	33.10 0.42 0.00	34.48 0.44 0.00	36.17 0.57 0.00	43.34 0.89 0.00	48.51 1.04 0.00	48.38 1.09 0.00	45.00 1.01 0.00	43.75 0.98 0.00	40.07 0.90 0.00	39.10 0.88 0.00	39.60 0.85 0.00	39.75 0.89 0.00	40.40 0.87 0.00	43.84 0.86 0.00	48.07 0.94 0.00	45.81 0.85 0.00	42.03 0.78 0.00	38.89 0.69 0.00	36.97 0.51 0.00	34.56 0.48 0.00	32.64 0.42 0.00
WATSON___69_KV_BK 1 55734	55.85 3.48 -15.74	47.79 3.08 -10.52	46.45 3.06 -10.12	46.45 2.97 -10.81	47.82 2.99 -10.79	59.43 3.28 -20.55	65.36 4.71 -18.19	69.33 5.55 -16.31	78.99 5.86 -25.84	66.84 5.45 -17.40	53.47 5.18 -5.52	52.48 4.70 -8.62	51.69 4.62 -8.84	51.43 4.73 -7.96	52.32 4.78 -8.68	53.35 4.86 -8.96	62.35 5.42 -13.95	74.66 6.08 -21.45	72.48 5.80 -21.73	64.97 5.49 -18.24	58.91 4.89 -15.83	54.09 4.19 -13.43	49.53 3.75 -11.70	45.60 3.25 -10.13
WDELAWARE___HYD 323627	37.91 1.28 0.00	35.32 1.13 0.00	34.40 1.13 0.00	33.79 1.11 0.00	35.02 0.99 0.00	36.71 1.10 0.00	44.41 1.95 0.00	49.66 2.18 0.00	49.80 2.50 0.00	46.36 2.37 0.00	44.91 2.14 0.00	41.04 1.88 0.00	38.94 0.72 0.00	39.52 0.77 0.00	39.71 0.85 0.00	40.48 0.95 0.00	44.10 1.12 0.00	48.49 1.37 0.00	46.39 1.44 0.00	42.57 1.32 0.00	40.14 1.95 0.00	38.21 1.75 0.00	35.58 1.50 0.00	33.48 1.26 0.00
WEST BABYLON___IC 23714	55.55 3.19 -15.74	47.58 2.87 -10.52	46.22 2.83 -10.12	46.22 2.74 -10.81	47.58 2.76 -10.79	59.14 2.99 -20.55	64.97 4.33 -18.19	68.86 5.08 -16.31	78.52 5.39 -25.84	66.44 5.06 -17.40	53.08 4.79 -5.52	52.13 4.35 -8.62	51.38 4.32 -8.84	51.08 4.38 -7.96	52.01 4.47 -8.68	53.00 4.51 -8.96	61.96 5.03 -13.95	74.18 5.61 -21.45	72.08 5.39 -21.73	64.56 5.07 -18.24	58.53 4.51 -15.83	53.76 3.86 -13.43	49.25 3.48 -11.70	45.38 3.03 -10.13
WEST CANADA___HYD 24049	36.81 0.18 0.00	34.36 0.17 0.00	33.44 0.17 0.00	32.84 0.16 0.00	34.20 0.17 0.00	35.85 0.25 0.00	42.92 0.47 0.00	47.99 0.52 0.00	47.86 0.57 0.00	44.51 0.53 0.00	43.24 0.47 0.00	39.60 0.43 0.00	38.64 0.42 0.00	39.17 0.43 0.00	39.33 0.47 0.00	40.01 0.48 0.00	43.32 0.34 0.00	47.50 0.38 0.00	45.31 0.36 0.00	41.58 0.33 0.00	38.43 0.23 0.00	36.64 0.18 0.00	34.25 0.17 0.00	32.35 0.13 0.00
WESTERN_NY_WIND 24143	34.47 -2.16 0.00	32.24 -1.95 0.00	31.28 -2.00 0.00	30.71 -1.96 0.00	32.23 -1.80 0.00	34.39 -1.21 0.00	41.31 -1.15 0.00	45.14 -2.33 0.00	44.45 -2.84 0.00	41.48 -2.51 0.00	40.59 -2.18 0.00	37.36 -1.80 0.00	36.46 -1.76 0.00	37.04 -1.70 0.00	36.60 -2.25 0.00	37.48 -2.06 0.00	40.83 -2.15 0.00	43.97 -3.16 0.00	42.03 -2.92 0.00	38.73 -2.52 0.00	35.68 -2.52 0.00	33.29 -3.17 0.00	31.25 -2.83 0.00	29.97 -2.26 0.00
WESTOVER___LESR 323668	36.48 -0.15 0.00	34.05 -0.14 0.00	33.14 -0.13 0.00	32.54 -0.13 0.00	33.96 -0.07 0.00	35.78 0.18 0.00	43.00 0.55 0.00	47.90 0.43 0.00	47.48 0.19 0.00	44.20 0.22 0.00	43.11 0.34 0.00	39.52 0.35 0.00	38.56 0.34 0.00	39.13 0.39 0.00	39.09 0.23 0.00	39.85 0.32 0.00	43.28 0.30 0.00	47.36 0.24 0.00	45.22 0.27 0.00	41.50 0.25 0.00	38.31 0.11 0.00	36.17 -0.29 0.00	33.78 -0.31 0.00	32.09 -0.13 0.00
WETHRSFD_WT_PWR 323626	34.39 -2.24 0.00	32.21 -1.98 0.00	31.31 -1.96 0.00	30.78 -1.90 0.00	32.26 -1.77 0.00	34.36 -1.25 0.00	41.26 -1.19 0.00	45.05 -2.42 0.00	44.31 -2.98 0.00	41.43 -2.55 0.00	40.80 -1.97 0.00	37.48 -1.68 0.00	36.46 -1.76 0.00	36.88 -1.86 0.00	36.60 -2.25 0.00	37.28 -2.25 0.00	40.74 -2.24 0.00	44.11 -3.02 0.00	41.98 -2.97 0.00	38.65 -2.60 0.00	35.07 -3.13 0.00	33.25 -3.21 0.00	31.15 -2.93 0.00	29.93 -2.29 0.00
WHAVSTOR_138KV_BK127 55557	38.09 1.47 0.00	35.49 1.30 0.00	34.60 1.33 0.00	33.95 1.27 0.00	35.26 1.23 0.00	36.85 1.25 0.00	44.45 2.00 0.00	49.89 2.42 0.00	49.99 2.70 0.00	46.62 2.64 0.00	45.25 2.48 0.00	41.40 2.23 0.00	40.47 2.25 0.00	41.03 2.29 0.00	41.23 2.37 0.00	41.87 2.33 0.00	45.52 2.54 0.00	50.00 2.87 0.00	47.74 2.79 0.00	43.93 2.68 0.00	40.53 2.33 0.00	38.39 1.93 0.00	35.85 1.77 0.00	33.74 1.51 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.09 1.47 0.00	35.49 1.30 0.00	34.60 1.33 0.00	33.95 1.27 0.00	35.26 1.23 0.00	36.85 1.25 0.00	44.45 2.00 0.00	49.89 2.42 0.00	49.99 2.70 0.00	46.62 2.64 0.00	45.25 2.48 0.00	41.40 2.23 0.00	40.47 2.25 0.00	41.03 2.29 0.00	41.23 2.37 0.00	41.87 2.33 0.00	45.52 2.54 0.00	50.00 2.87 0.00	47.74 2.79 0.00	43.93 2.68 0.00	40.53 2.33 0.00	38.39 1.93 0.00	35.85 1.77 0.00	33.74 1.51 0.00
WHITEHAL_115KV_TB1 80871	38.53 1.90 0.00	36.00 1.81 0.00	35.10 1.83 0.00	34.54 1.86 0.00	36.04 2.01 0.00	37.81 2.21 0.00	45.76 3.31 0.00	51.13 3.66 0.00	51.31 4.02 0.00	47.28 3.30 0.00	45.93 3.16 0.00	41.67 2.51 0.00	40.55 2.33 0.00	40.91 2.17 0.00	41.03 2.18 0.00	41.71 2.17 0.00	45.56 2.58 0.00	50.14 3.02 0.00	48.10 3.15 0.00	44.01 2.76 0.00	40.53 2.33 0.00	38.25 1.79 0.00	35.58 1.50 0.00	33.58 1.35 0.00

WHITEPLN_13_KV_LOAD 356215	38.68 2.05 0.00	36.00 1.81 0.00	35.10 1.83 0.00	34.47 1.80 0.00	35.77 1.74 0.00	37.38 1.78 0.00	45.30 2.84 0.00	50.84 3.37 0.00	51.03 3.74 0.00	47.55 3.56 0.00	46.15 3.38 0.00	42.26 3.09 0.00	41.32 3.10 0.00	41.92 3.18 0.00	42.08 3.23 0.00	42.78 3.24 0.00	46.46 3.48 0.00	51.08 3.96 0.00	48.73 3.78 0.00	44.84 3.59 0.00	41.33 3.13 0.00	39.12 2.66 0.00	36.50 2.42 0.00	34.28 2.06 0.00
WM_FLOYD_69_KV_BK2 356380	55.70 3.33 -15.74	47.65 2.94 -10.52	46.35 2.96 -10.12	46.36 2.88 -10.81	47.68 2.86 -10.79	59.32 3.17 -20.55	65.23 4.58 -18.19	69.24 5.46 -16.31	78.85 5.72 -25.84	66.70 5.32 -17.40	53.34 5.05 -5.52	52.33 4.54 -8.62	51.53 4.47 -8.84	51.24 4.53 -7.96	52.16 4.62 -8.68	53.23 4.74 -8.96	62.26 5.33 -13.95	74.51 5.94 -21.45	72.39 5.71 -21.73	64.89 5.40 -18.24	58.80 4.77 -15.83	53.98 4.08 -13.43	49.42 3.65 -11.70	45.51 3.16 -10.13
WOODARD__115KV_TB2 355635	35.64 -0.99 0.00	33.30 -0.89 0.00	32.37 -0.90 0.00	31.79 -0.88 0.00	33.18 -0.85 0.00	34.89 -0.71 0.00	41.86 -0.59 0.00	46.71 -0.76 0.00	46.44 -0.85 0.00	43.24 -0.75 0.00	42.09 -0.68 0.00	38.58 -0.59 0.00	37.61 -0.61 0.00	38.16 -0.58 0.00	38.20 -0.66 0.00	38.90 -0.63 0.00	42.29 -0.69 0.00	46.28 -0.85 0.00	44.14 -0.81 0.00	40.51 -0.74 0.00	37.43 -0.76 0.00	35.51 -0.95 0.00	33.13 -0.95 0.00	31.35 -0.87 0.00
YORK___WARBASSE 23770	38.79 2.16 0.00	36.00 1.81 0.00	35.07 1.80 0.00	34.37 1.70 0.00	35.70 1.67 0.00	37.31 1.71 0.00	45.17 2.72 0.00	50.94 3.47 0.00	51.27 3.93 -0.06	48.09 3.87 -0.24	46.41 3.64 -0.01	42.45 3.29 0.00	41.59 3.36 -0.01	42.16 3.41 -0.01	42.32 3.46 -0.01	43.05 3.40 -0.11	46.74 3.74 -0.02	67.19 4.19 -15.87	101.47 4.00 -52.52	45.15 3.79 -0.11	41.67 3.36 -0.11	39.33 2.81 -0.06	36.73 2.59 -0.06	34.45 2.22 0.00