

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion									
Generator Data		07/22/2024																							
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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	32.38	28.51	26.18	24.38	24.32	24.89	27.40	30.21	31.52	33.32	35.73	37.75	39.91	42.47	44.63	49.76	56.08	63.58	58.33	49.76	44.89	42.68	38.12	36.06	
	2.70	2.06	1.87	1.78	1.74	1.78	2.08	2.47	2.86	3.09	3.28	3.24	3.63	3.83	3.87	4.52	5.10	5.73	4.96	4.03	3.21	2.88	2.49	2.22	
74TH STREET_GT_1 24260																									
	32.41	28.56	26.23	24.42	24.35	24.91	27.40	30.24	31.49	33.32	35.70	37.75	39.91	42.47	44.67	49.67	56.08	63.64	58.27	49.76	44.93	41.31	36.76	32.70	
	2.73	2.12	1.92	1.83	1.76	1.80	2.08	2.50	2.84	3.08	3.25	3.24	3.63	3.83	3.91	4.43	5.10	5.79	4.91	4.02	3.25	2.88	2.53	2.25	
74TH STREET_GT_2 24261																									
	32.41	28.56	26.23	24.42	24.35	24.91	27.40	30.24	31.49	33.32	35.70	37.75	39.91	42.47	44.67	49.67	56.08	63.64	58.27	49.76	44.93	41.31	36.76	32.70	
	2.73	2.12	1.92	1.83	1.76	1.80	2.08	2.50	2.84	3.08	3.25	3.24	3.63	3.83	3.91	4.43	5.10	5.79	4.91	4.02	3.25	2.88	2.53	2.25	
ADK HUDSON___FALLS 24011																									
	32.11	28.56	26.18	24.33	24.30	24.86	27.27	30.02	31.09	32.74	34.76	37.09	39.18	41.39	43.73	48.95	55.57	63.58	59.45	50.95	46.60	42.14	37.15	32.10	
	2.43	2.12	1.87	1.74	1.72	1.76	1.95	2.27	2.44	2.51	2.30	2.59	2.90	2.74	2.98	3.71	4.59	5.73	6.08	5.21	4.92	4.21	3.44	2.89	
ADK RESOURCE___RCVRY 23798																									
	32.32	28.74	26.33	24.47	24.41	25.00	27.45	30.18	31.29	32.99	34.99	37.37	39.44	41.70	44.02	49.31	55.88	64.10	60.03	51.45	47.10	43.23	38.18	34.01	
	2.64	2.30	2.02	1.87	1.83	1.90	2.13	2.44	2.63	2.75	2.53	2.86	3.15	3.05	3.26	4.07	4.90	6.25	6.67	5.72	5.42	4.63	3.77	3.13	
ADK S GLENS___FALLS 24028																									
	32.11	28.56	26.18	24.33	24.30	24.86	27.27	30.02	31.09	32.74	34.76	37.09	39.18	41.39	43.73	48.95	55.57	63.58	59.45	50.95	46.60	42.14	37.15	32.10	
	2.43	2.12	1.87	1.74	1.72	1.76	1.95	2.27	2.44	2.51	2.30	2.59	2.90	2.74	2.98	3.71	4.59	5.73	6.08	5.21	4.92	4.21	3.44	2.89	
ADK_NYS___DAM 23527																									
	31.34	27.79	25.57	23.79	23.76	24.26	26.59	29.07	30.06	31.51	33.69	35.74	37.84	40.27	42.47	47.41	53.58	61.09	56.51	48.48	44.06	40.69	36.18	32.66	
	1.66	1.35	1.26	1.20	1.17	1.15	1.27	1.33	1.40	1.27	1.23	1.24	1.56	1.62	1.71	2.17	2.60	3.24	3.15	2.74	2.37	1.97	1.65	1.49	
AIR_PRODUCTS___DRP 24190																									
	30.30	26.89	24.75	23.02	23.04	23.50	25.73	28.18	29.11	30.60	32.74	34.81	36.79	39.15	41.33	46.00	52.06	59.12	54.64	46.79	42.52	38.58	34.18	29.62	
	0.62	0.45	0.44	0.43	0.45	0.39	0.41	0.44	0.46	0.36	0.29	0.31	0.51	0.50	0.57	0.77	1.07	1.27	1.28	1.05	0.83	0.64	0.47	0.41	
AKWESSNE_115KV_BK 355683																									
	29.11	26.05	23.92	22.21	22.20	22.69	24.94	27.24	28.02	29.57	31.74	33.74	35.37	37.60	39.62	43.92	50.14	55.77	51.39	44.14	40.56	37.06	33.00	28.59	
	-0.56	-0.40	-0.39	-0.38	-0.38	-0.42	-0.38	-0.50	-0.63	-0.67	-0.71	-0.76	-0.91	-1.04	-1.14	-1.31	-1.99	-2.08	-1.97	-1.60	-1.13	-0.87	-0.71	-0.61	
ALBANY_1_SOLAR 323833																									
	30.95	27.50	25.31	23.52	23.51	23.99	26.28	28.63	29.51	30.87	32.94	35.02	36.97	39.38	41.62	46.46	52.57	60.05	55.66	47.75	43.43	40.22	35.76	32.21	
	1.28	1.06	1.00	0.93	0.93	0.88	0.96	0.89	0.86	0.64	0.49	0.52	0.69	0.73	0.86	1.22	1.58	2.20	2.29	2.01	1.75	1.52	1.25	1.08	
ALBANY_2_SOLAR 323834																									
	30.92	27.50	25.28	23.52	23.51	23.99	26.26	28.63	29.51	30.87	32.94	34.99	36.97	39.38	41.62	46.41	52.57	59.99	55.66	47.75	43.43	40.22	35.76	32.21	
	1.25	1.06	0.97	0.93	0.93	0.88	0.94	0.89	0.86	0.64	0.49	0.48	0.69	0.73	0.86	1.17	1.58	2.14	2.29	2.01	1.75	1.52	1.25	1.08	
ALBANY___1 23571																									
	30.30	26.89	24.75	23.02	23.04	23.50	25.73	28.18	29.11	30.60	32.74	34.81	36.79	39.15	41.33	46.00	52.06	59.12	54.64	46.79	42.52	38.58	34.18	29.62	
	0.62	0.45	0.44	0.43	0.45	0.39	0.41	0.44	0.46	0.36	0.29	0.31	0.51	0.50	0.57	0.77	1.07	1.27	1.28	1.05	0.83	0.64	0.47	0.41	

ALBANY___2 23572	30.30 0.62 0.00	26.89 0.45 0.00	24.75 0.44 0.00	23.02 0.43 0.00	23.04 0.45 0.00	23.50 0.39 0.00	25.73 0.41 0.00	28.18 0.44 0.00	29.11 0.46 0.00	30.60 0.36 0.00	32.74 0.29 0.00	34.81 0.31 0.00	36.79 0.51 0.00	39.15 0.50 0.00	41.33 0.57 0.00	46.00 0.77 0.00	52.06 1.07 0.00	59.12 1.27 0.00	54.64 1.28 0.00	46.79 1.05 0.00	42.52 0.83 0.00	38.58 0.64 0.00	34.18 0.47 0.00	29.62 0.41 0.00
ALBANY___3 23573	30.30 0.62 0.00	26.89 0.45 0.00	24.75 0.44 0.00	23.02 0.43 0.00	23.04 0.45 0.00	23.50 0.39 0.00	25.73 0.41 0.00	28.18 0.44 0.00	29.11 0.46 0.00	30.60 0.36 0.00	32.74 0.29 0.00	34.81 0.31 0.00	36.79 0.51 0.00	39.15 0.50 0.00	41.33 0.57 0.00	46.00 0.77 0.00	52.06 1.07 0.00	59.12 1.27 0.00	54.64 1.28 0.00	46.79 1.05 0.00	42.52 0.83 0.00	38.58 0.64 0.00	34.18 0.47 0.00	29.62 0.41 0.00
ALBANY___4 23574	30.30 0.62 0.00	26.89 0.45 0.00	24.75 0.44 0.00	23.02 0.43 0.00	23.04 0.45 0.00	23.50 0.39 0.00	25.73 0.41 0.00	28.18 0.44 0.00	29.11 0.46 0.00	30.60 0.36 0.00	32.74 0.29 0.00	34.81 0.31 0.00	36.79 0.51 0.00	39.15 0.50 0.00	41.33 0.57 0.00	46.00 0.77 0.00	52.06 1.07 0.00	59.12 1.27 0.00	54.64 1.28 0.00	46.79 1.05 0.00	42.52 0.83 0.00	38.58 0.64 0.00	34.18 0.47 0.00	29.62 0.41 0.00
ALBANY___LFGE 323615	30.63 0.95 0.00	27.18 0.74 0.00	25.02 0.71 0.00	23.25 0.66 0.00	23.24 0.66 0.00	23.75 0.65 0.00	26.00 0.68 0.00	28.43 0.69 0.00	29.43 0.77 0.00	30.93 0.70 0.00	33.14 0.68 0.00	35.23 0.73 0.00	37.22 0.94 0.00	39.61 0.97 0.00	41.82 1.06 0.00	46.64 1.40 0.00	52.62 1.63 0.00	59.99 2.14 0.00	55.39 2.03 0.00	47.43 1.69 0.00	43.06 1.37 0.00	39.78 1.14 -0.71	35.35 0.91 -0.73	31.76 0.79 -1.76
ALCOA_PA_115KV_PL-6C 55860	29.17 -0.50 0.00	26.13 -0.32 0.00	23.99 -0.32 0.00	22.25 -0.34 0.00	22.27 -0.32 0.00	22.76 -0.35 0.00	25.02 -0.30 0.00	27.30 -0.44 0.00	28.08 -0.57 0.00	29.60 -0.63 0.00	31.77 -0.68 0.00	33.81 -0.69 0.00	35.41 -0.87 0.00	37.60 -1.04 0.00	39.58 -1.18 0.00	43.92 -1.31 0.00	50.53 -2.29 -1.84	55.42 -2.43 0.00	51.07 -2.29 0.00	43.91 -1.83 0.00	40.43 -1.25 0.00	37.17 -0.76 0.00	33.11 -0.61 0.00	28.68 -0.53 0.00
ALCOA_RYNLDS___DRP 24188	29.17 -0.50 0.00	26.13 -0.32 0.00	23.99 -0.32 0.00	22.25 -0.34 0.00	22.27 -0.32 0.00	22.76 -0.35 0.00	25.02 -0.30 0.00	27.30 -0.44 0.00	28.08 -0.57 0.00	29.60 -0.63 0.00	31.77 -0.68 0.00	33.81 -0.69 0.00	35.41 -0.87 0.00	37.60 -1.04 0.00	39.58 -1.18 0.00	43.92 -1.31 -1.84	50.53 -2.29 0.00	55.42 -2.43 0.00	51.07 -2.29 0.00	43.91 -1.83 0.00	40.43 -1.25 0.00	37.17 -0.76 0.00	33.11 -0.61 0.00	28.68 -0.53 0.00
ALCOA___DSASP 323711	29.17 -0.50 0.00	26.13 -0.32 0.00	23.99 -0.32 0.00	22.25 -0.34 0.00	22.27 -0.32 0.00	22.76 -0.35 0.00	25.02 -0.30 0.00	27.30 -0.44 0.00	28.08 -0.57 0.00	29.60 -0.64 0.00	31.77 -0.68 0.00	33.81 -0.69 0.00	35.41 -0.87 0.00	37.68 -0.96 0.00	39.54 -1.22 0.00	43.92 -1.31 0.00	50.53 -2.29 -1.84	55.54 -2.32 0.00	51.07 -2.29 0.00	43.91 -1.83 0.00	40.43 -1.25 0.00	37.02 -0.91 0.00	33.11 -0.61 0.00	28.68 -0.52 0.00
ALLEGHENY___COGEN 23514	30.57 0.89 0.00	27.00 0.56 0.00	24.94 0.63 0.00	23.09 0.50 0.00	23.19 0.61 0.00	23.94 0.83 0.00	25.80 0.48 0.00	28.05 0.31 0.00	28.48 -0.17 0.00	30.06 -0.18 0.00	32.52 0.07 0.00	34.64 0.14 0.00	36.14 -0.14 0.00	37.41 -1.24 0.00	40.23 -0.53 0.00	43.83 -1.40 0.00	50.29 -0.56 0.14	55.89 -1.97 0.00	53.04 -0.32 0.00	45.69 -0.05 0.00	42.47 0.79 0.00	39.07 1.14 0.00	34.56 0.84 0.00	30.78 1.58 0.00
ALTAMONT_115KV_TB 2 55880	30.66 0.98 0.00	27.24 0.79 0.00	25.04 0.73 0.00	23.29 0.70 0.00	23.26 0.68 0.00	23.78 0.67 0.00	26.06 0.73 0.00	28.49 0.75 0.00	29.46 0.80 0.00	31.02 0.79 0.00	33.20 0.75 0.00	35.30 0.79 0.00	37.26 0.98 0.00	39.65 1.00 0.00	41.86 1.10 0.00	46.55 1.31 0.00	52.62 1.63 0.00	59.76 1.91 0.00	55.23 1.87 0.00	47.34 1.60 0.00	42.97 1.29 0.00	39.03 1.10 0.00	34.62 0.91 0.00	30.00 0.79 0.00
ALTONA_WT_PWR 323606	30.18 0.50 0.00	27.05 0.61 0.00	24.80 0.49 0.00	22.98 0.38 0.00	22.99 0.41 0.00	23.48 0.37 0.00	25.88 0.56 0.00	27.85 0.11 0.00	28.60 -0.06 0.00	30.18 -0.06 0.00	32.45 0.00 0.00	34.50 0.00 0.00	36.14 -0.14 0.00	38.49 -0.15 0.00	40.39 -0.37 0.00	44.74 -0.50 0.00	48.70 -1.73 0.55	56.29 -1.56 0.00	51.76 -1.60 0.00	45.05 -0.68 0.00	42.39 0.71 0.00	38.46 0.53 0.00	34.18 0.47 0.00	29.59 0.38 0.00
AMERICAN_REF_FUEL 24010	28.34 -1.33 0.00	25.10 -1.35 0.00	23.24 -1.07 0.00	21.58 -1.02 0.00	21.68 -0.90 0.00	22.25 -0.85 0.00	23.65 -1.67 0.00	26.00 -1.75 0.00	26.76 -1.89 0.00	28.48 -1.75 0.00	31.51 -0.94 0.00	33.68 -0.83 0.00	34.90 -1.38 0.00	37.26 -1.39 0.00	39.95 -0.81 0.00	42.75 -2.49 0.00	48.97 -1.89 0.13	53.17 -4.68 0.00	50.00 -3.36 0.00	42.63 -3.11 0.00	39.35 -2.33 0.00	36.60 -1.33 0.00	32.74 -0.98 0.00	28.57 -0.64 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.68 0.00 0.00	26.23 -0.21 0.00	24.24 -0.07 0.00	22.50 -0.09 0.00	22.58 0.00 0.00	23.29 0.18 0.00	25.04 -0.28 0.00	27.85 0.11 0.00	28.71 0.06 0.00	30.60 0.36 0.00	33.79 1.33 0.00	36.20 1.69 0.00	37.70 1.41 0.00	40.31 1.66 0.00	42.96 2.20 0.00	46.32 1.08 0.00	53.08 2.09 -0.01	57.17 -0.69 -0.01	53.84 0.48 0.00	45.92 0.18 0.00	42.14 0.46 0.00	39.18 1.25 0.00	34.83 1.11 0.00	30.20 0.99 0.00
ARTHUR KILL_GT_1 23520	32.28 2.55 -0.05	28.54 2.09 -0.01	26.22 1.90 -0.01	24.43 1.83 -0.01	24.38 1.78 -0.01	24.87 1.76 -0.01	27.22 1.90 0.00	30.01 2.28 0.01	36.56 2.67 -5.24	34.03 2.81 -0.98	35.96 2.98 -0.52	37.43 2.93 0.01	39.61 3.34 0.01	42.23 3.59 0.01	44.30 3.54 0.01	49.21 3.98 0.01	55.46 4.49 0.01	62.99 5.15 0.01	57.84 4.48 0.01	49.34 3.61 0.01	44.47 2.79 0.01	42.29 2.50 -1.86	37.68 2.06 -1.91	35.96 2.10 -4.65
ARTHUR_KILL_2 23512	32.16 2.43 -0.05	28.46 2.01 -0.01	26.14 1.82 -0.01	24.36 1.76 -0.01	24.29 1.69 -0.01	24.78 1.66 -0.01	27.15 1.82 0.00	29.92 2.19 0.01	36.47 2.58 -5.24	33.94 2.72 -0.98	35.83 2.86 -0.52	37.29 2.79 0.01	39.47 3.19 0.01	42.08 3.44 0.01	44.13 3.38 0.01	48.98 3.75 0.01	55.21 4.23 0.01	62.70 4.86 0.01	57.57 4.21 0.01	49.11 3.38 0.01	44.26 2.59 0.01	42.10 2.31 -1.86	37.54 1.92 -1.91	35.87 2.01 -4.65
ARTHUR_KILL_3 23513	32.15 2.43 -0.04	28.24 1.80 0.00	25.94 1.63 0.00	24.15 1.56 0.00	24.10 1.51 0.00	24.66 1.55 0.00	27.12 1.80 0.00	29.91 2.17 0.00	36.45 2.55 -5.25	33.95 2.72 -0.99	35.87 2.89 -0.53	37.30 2.79 0.00	39.36 3.08 0.00	41.89 3.25 0.00	44.02 3.26 0.00	49.04 3.80 0.00	55.27 4.28 0.00	62.77 4.91 0.00	57.53 4.16 0.00	49.12 3.38 0.00	44.31 2.63 0.00	42.19 2.39 -1.87	37.75 2.13 -1.92	35.74 1.90 -4.64

ARTHUR_KILL_COGEN 323718	32.28 2.55 -0.05	28.54 2.09 -0.01	26.22 1.90 -0.01	24.43 1.83 -0.01	24.38 1.78 -0.01	24.87 1.76 -0.01	27.22 1.90 0.00	30.01 2.28 0.01	36.56 2.67 -5.24	34.03 2.81 -0.98	35.96 2.98 -0.52	37.43 2.93 0.01	39.61 3.34 0.01	42.23 3.59 0.01	44.30 3.54 0.01	49.21 3.98 0.01	55.46 4.49 0.01	62.99 5.15 0.01	57.84 4.48 0.01	49.34 3.61 0.01	44.47 2.79 0.01	42.29 2.50 -1.86	37.68 2.06 -1.91	35.96 2.10 -4.65
ASHOKAN____ 23654	31.82 2.14 0.00	28.14 1.69 0.00	25.89 1.58 0.00	24.08 1.49 0.00	24.03 1.45 0.00	24.42 1.32 0.00	26.79 1.47 0.00	29.15 1.41 0.00	30.09 1.43 0.00	31.51 1.27 0.00	33.72 1.26 0.00	35.78 1.28 0.00	37.95 1.67 0.00	40.58 1.93 0.00	43.00 2.24 0.00	48.04 2.81 0.00	54.40 3.42 0.00	60.51 2.66 0.00	57.37 4.00 0.00	49.17 3.43 0.00	44.43 2.75 0.00	41.96 2.96 -1.07	37.07 2.26 -1.10	33.70 1.84 -2.65
ASTORIA_EAST_ENERGY_CC1 323581	32.09 2.40 -0.01	28.59 2.14 -0.01	26.24 1.92 -0.01	24.38 1.78 -0.01	24.35 1.76 -0.01	24.92 1.80 -0.01	27.32 2.00 0.00	30.13 2.39 -0.01	31.34 2.69 0.01	33.10 2.87 0.01	35.46 3.02 0.01	37.50 3.00 0.01	39.61 3.34 0.01	42.19 3.55 0.01	44.18 3.42 0.01	48.95 3.71 -0.01	55.31 4.33 0.01	62.76 4.91 0.01	57.73 4.38 0.01	49.25 3.52 0.01	44.30 2.63 0.01	42.22 2.43 -1.86	37.64 2.02 -1.91	35.80 1.96 -4.63
ASTORIA_EAST_ENERGY_CC2 323582	32.09 2.40 -0.01	28.59 2.14 -0.01	26.24 1.92 -0.01	24.38 1.78 -0.01	24.35 1.76 -0.01	24.92 1.80 -0.01	27.32 2.00 0.00	30.13 2.39 -0.01	31.34 2.69 0.01	33.10 2.87 0.01	35.46 3.02 0.01	37.50 3.00 0.01	39.61 3.34 0.01	42.19 3.55 0.01	44.18 3.42 0.01	48.95 3.71 -0.01	55.31 4.33 0.01	62.76 4.91 0.01	57.73 4.38 0.01	49.25 3.52 0.01	44.30 2.63 0.01	42.22 2.43 -1.86	37.64 2.02 -1.91	35.80 1.96 -4.63
ASTORIA_GT2_1 24094	32.12 2.43 -0.01	28.59 2.14 0.00	26.23 1.92 0.00	24.40 1.81 0.00	24.35 1.76 0.00	24.91 1.80 0.00	27.35 2.03 0.00	30.15 2.41 0.00	31.37 2.72 0.01	33.13 2.90 0.01	35.50 3.05 0.01	37.50 3.00 0.00	39.65 3.37 0.00	42.23 3.59 0.02	44.31 3.55 0.00	48.95 3.71 -0.01	55.42 4.44 0.00	62.83 4.98 0.00	57.74 4.38 0.00	49.30 3.57 0.00	44.31 2.63 0.00	40.82 2.39 -0.50	36.28 2.06 -0.51	32.41 1.96 -1.25
ASTORIA_GT2_2 24095	32.12 2.43 -0.01	28.59 2.14 0.00	26.23 1.92 0.00	24.40 1.81 0.00	24.35 1.76 0.00	24.91 1.80 0.00	27.35 2.03 0.00	30.15 2.41 0.00	31.37 2.72 0.01	33.13 2.90 0.01	35.50 3.05 0.01	37.50 3.00 0.00	39.65 3.37 0.00	42.23 3.59 0.02	44.31 3.55 0.00	48.95 3.71 -0.01	55.42 4.44 0.00	62.83 4.98 0.00	57.74 4.38 0.00	49.30 3.57 0.00	44.31 2.63 0.00	40.82 2.39 -0.50	36.28 2.06 -0.51	32.41 1.96 -1.25
ASTORIA_GT2_3 24096	32.12 2.43 -0.01	28.59 2.14 0.00	26.23 1.92 0.00	24.40 1.81 0.00	24.35 1.76 0.00	24.91 1.80 0.00	27.35 2.03 0.00	30.15 2.41 0.00	31.37 2.72 0.01	33.13 2.90 0.01	35.50 3.05 0.01	37.50 3.00 0.00	39.65 3.37 0.00	42.23 3.59 0.02	44.31 3.55 0.00	48.95 3.71 -0.01	55.42 4.44 0.00	62.83 4.98 0.00	57.74 4.38 0.00	49.30 3.57 0.00	44.31 2.63 0.00	40.82 2.39 -0.50	36.28 2.06 -0.51	32.41 1.96 -1.25
ASTORIA_GT2_4 24097	32.12 2.43 -0.01	28.59 2.14 0.00	26.23 1.92 0.00	24.40 1.81 0.00	24.35 1.76 0.00	24.91 1.80 0.00	27.35 2.03 0.00	30.15 2.41 0.00	31.37 2.72 0.01	33.13 2.90 0.01	35.50 3.05 0.01	37.50 3.00 0.00	39.65 3.37 0.00	42.23 3.59 0.02	44.31 3.55 0.00	48.95 3.71 -0.01	55.42 4.44 0.00	62.83 4.98 0.00	57.74 4.38 0.00	49.30 3.57 0.00	44.31 2.63 0.00	40.82 2.39 -0.50	36.28 2.06 -0.51	32.41 1.96 -1.25
ASTORIA_GT3_1 24098	32.12 2.43 -0.01	28.59 2.14 0.00	26.23 1.92 0.00	24.40 1.81 0.00	24.35 1.76 0.00	24.91 1.80 0.00	27.35 2.03 0.00	30.15 2.41 0.00	31.37 2.72 0.01	33.13 2.90 0.01	35.50 3.05 0.01	37.50 3.00 0.00	39.65 3.37 0.00	42.23 3.59 0.02	44.31 3.55 0.00	48.95 3.71 -0.01	55.42 4.44 0.00	62.83 4.98 0.00	57.74 4.38 0.00	49.30 3.57 0.00	44.31 2.63 0.00	40.82 2.39 -0.50	36.28 2.06 -0.51	32.41 1.96 -1.25
ASTORIA_GT3_2 24099	32.12 2.43 -0.01	28.59 2.14 0.00	26.23 1.92 0.00	24.40 1.81 0.00	24.35 1.76 0.00	24.91 1.80 0.00	27.35 2.03 0.00	30.15 2.41 0.00	31.37 2.72 0.01	33.13 2.90 0.01	35.50 3.05 0.01	37.50 3.00 0.00	39.65 3.37 0.00	42.23 3.59 0.02	44.31 3.55 0.00	48.95 3.71 -0.01	55.42 4.44 0.00	62.83 4.98 0.00	57.74 4.38 0.00	49.30 3.57 0.00	44.31 2.63 0.00	40.82 2.39 -0.50	36.28 2.06 -0.51	32.41 1.96 -1.25
ASTORIA_GT3_3 24100	32.12 2.43 -0.01	28.59 2.14 0.00	26.23 1.92 0.00	24.40 1.81 0.00	24.35 1.76 0.00	24.91 1.80 0.00	27.35 2.03 0.00	30.15 2.41 0.00	31.37 2.72 0.01	33.13 2.90 0.01	35.50 3.05 0.01	37.50 3.00 0.00	39.65 3.37 0.00	42.23 3.59 0.02	44.31 3.55 0.00	48.95 3.71 -0.01	55.42 4.44 0.00	62.83 4.98 0.00	57.74 4.38 0.00	49.30 3.57 0.00	44.31 2.63 0.00	40.82 2.39 -0.50	36.28 2.06 -0.51	32.41 1.96 -1.25
ASTORIA_GT3_4 24101	32.12 2.43 -0.01	28.59 2.14 0.00	26.23 1.92 0.00	24.40 1.81 0.00	24.35 1.76 0.00	24.91 1.80 0.00	27.35 2.03 0.00	30.15 2.41 0.00	31.37 2.72 0.01	33.13 2.90 0.01	35.50 3.05 0.01	37.50 3.00 0.00	39.65 3.37 0.00	42.23 3.59 0.02	44.31 3.55 0.00	48.95 3.71 -0.01	55.42 4.44 0.00	62.83 4.98 0.00	57.74 4.38 0.00	49.30 3.57 0.00	44.31 2.63 0.00	40.82 2.39 -0.50	36.28 2.06 -0.51	32.41 1.96 -1.25
ASTORIA_GT4_1 24102	32.12 2.43 -0.01	28.59 2.14 0.00	26.23 1.92 0.00	24.40 1.81 0.00	24.35 1.76 0.00	24.91 1.80 0.00	27.35 2.03 0.00	30.15 2.41 0.00	31.37 2.72 0.01	33.13 2.90 0.01	35.50 3.05 0.01	37.50 3.00 0.00	39.65 3.37 0.00	42.23 3.59 0.02	44.31 3.55 0.00	48.95 3.71 -0.01	55.42 4.44 0.00	62.83 4.98 0.00	57.74 4.38 0.00	49.30 3.57 0.00	44.31 2.63 0.00	40.82 2.39 -0.50	36.28 2.06 -0.51	32.41 1.96 -1.25
ASTORIA_GT4_2 24103	32.12 2.43 -0.01	28.59 2.14 0.00	26.23 1.92 0.00	24.40 1.81 0.00	24.35 1.76 0.00	24.91 1.80 0.00	27.35 2.03 0.00	30.15 2.41 0.00	31.37 2.72 0.01	33.13 2.90 0.01	35.50 3.05 0.01	37.50 3.00 0.00	39.65 3.37 0.00	42.23 3.59 0.02	44.31 3.55 0.00	48.95 3.71 -0.01	55.42 4.44 0.00	62.83 4.98 0.00	57.74 4.38 0.00	49.30 3.57 0.00	44.31 2.63 0.00	40.82 2.39 -0.50	36.28 2.06 -0.51	32.41 1.96 -1.25
ASTORIA_GT4_3 24104	32.12 2.43 -0.01	28.59 2.14 0.00	26.23 1.92 0.00	24.40 1.81 0.00	24.35 1.76 0.00	24.91 1.80 0.00	27.35 2.03 0.00	30.15 2.41 0.00	31.37 2.72 0.01	33.13 2.90 0.01	35.50 3.05 0.01	37.50 3.00 0.00	39.65 3.37 0.00	42.23 3.59 0.02	44.31 3.55 0.00	48.95 3.71 -0.01	55.42 4.44 0.00	62.83 4.98 0.00	57.74 4.38 0.00	49.30 3.57 0.00	44.31 2.63 0.00	40.82 2.39 -0.50	36.28 2.06 -0.51	32.41 1.96 -1.25

ASTORIA_GT4_4 24105	32.12 2.43 -0.01	28.59 2.14 0.00	26.23 1.92 0.00	24.40 1.81 0.00	24.35 1.76 0.00	24.91 1.80 0.00	27.35 2.03 0.00	30.15 2.41 0.00	31.37 2.72 0.01	33.13 2.90 0.01	35.50 3.05 0.01	37.50 3.00 0.00	39.65 3.37 0.00	42.23 3.59 0.02	44.31 3.55 0.00	48.95 3.71 -0.01	55.42 4.44 0.00	62.83 4.98 0.00	57.74 4.38 0.00	49.30 3.57 0.00	44.31 2.63 0.00	40.82 2.39 -0.50	36.28 2.06 -0.51	32.41 1.96 -1.25
ASTORIA_GT_1 23523	32.18 2.49 -0.01	28.65 2.19 -0.01	26.29 1.97 -0.01	24.45 1.85 -0.01	24.40 1.81 -0.01	24.99 1.87 -0.01	27.40 2.08 0.00	30.19 2.44 -0.01	31.42 2.78 0.01	33.22 2.99 0.01	35.59 3.15 0.01	37.60 3.11 0.01	39.72 3.45 0.01	42.31 3.67 0.01	44.30 3.54 0.01	49.09 3.84 -0.01	55.46 4.49 0.01	62.94 5.09 0.01	57.89 4.53 0.01	49.43 3.70 0.01	44.42 2.75 0.01	42.33 2.54 -1.86	37.74 2.13 -1.91	35.89 2.04 -4.63
ASTORIA_GT_10 24110	32.24 2.55 -0.01	28.48 2.04 0.00	26.16 1.85 0.00	24.35 1.76 0.00	24.30 1.72 0.00	24.84 1.73 0.00	27.30 1.98 0.00	30.13 2.39 0.00	36.89 2.72 -5.51	36.92 2.93 -3.75	37.54 3.08 -2.00	37.57 3.07 0.00	39.69 3.41 0.00	42.24 3.59 0.00	44.31 3.55 0.00	49.00 3.75 -0.01	55.32 4.33 0.00	62.71 4.86 0.00	57.52 4.16 0.00	49.08 3.34 0.00	44.31 2.63 0.00	40.78 2.35 -0.50	36.32 2.09 -0.51	32.47 2.02 -1.25
ASTORIA_GT_11 24225	32.24 2.55 -0.01	28.48 2.04 0.00	26.16 1.85 0.00	24.35 1.76 0.00	24.30 1.72 0.00	24.84 1.73 0.00	27.30 1.98 0.00	30.13 2.39 0.00	36.89 2.72 -5.51	36.92 2.93 -3.75	37.54 3.08 -2.00	37.57 3.07 0.00	39.69 3.41 0.00	42.24 3.59 0.00	44.31 3.55 0.00	49.00 3.75 -0.01	55.32 4.33 0.00	62.71 4.86 0.00	57.52 4.16 0.00	49.08 3.34 0.00	44.31 2.63 0.00	40.78 2.35 -0.50	36.32 2.09 -0.51	32.47 2.02 -1.25
ASTORIA_GT_12 24226	32.24 2.55 -0.01	28.48 2.04 0.00	26.16 1.85 0.00	24.35 1.76 0.00	24.30 1.72 0.00	24.84 1.73 0.00	27.30 1.98 0.00	30.13 2.39 0.00	36.89 2.72 -5.51	36.92 2.93 -3.75	37.54 3.08 -2.00	37.57 3.07 0.00	39.69 3.41 0.00	42.24 3.59 0.00	44.31 3.55 0.00	49.00 3.75 -0.01	55.32 4.33 0.00	62.71 4.86 0.00	57.52 4.16 0.00	49.08 3.34 0.00	44.31 2.63 0.00	40.78 2.35 -0.50	36.32 2.09 -0.51	32.47 2.02 -1.25
ASTORIA_GT_13 24227	32.24 2.55 -0.01	28.48 2.04 0.00	26.16 1.85 0.00	24.35 1.76 0.00	24.30 1.72 0.00	24.84 1.73 0.00	27.30 1.98 0.00	30.13 2.39 0.00	36.89 2.72 -5.51	36.92 2.93 -3.75	37.54 3.08 -2.00	37.57 3.07 0.00	39.69 3.41 0.00	42.24 3.59 0.00	44.31 3.55 0.00	49.00 3.75 -0.01	55.32 4.33 0.00	62.71 4.86 0.00	57.52 4.16 0.00	49.08 3.34 0.00	44.31 2.63 0.00	40.78 2.35 -0.50	36.32 2.09 -0.51	32.47 2.02 -1.25
ASTORIA_GT_5 24106	32.18 2.49 -0.01	28.64 2.19 0.00	26.28 1.97 0.00	24.44 1.85 0.00	24.39 1.81 0.00	24.98 1.87 0.00	27.40 2.08 0.00	30.21 2.47 0.00	31.42 2.78 0.01	33.22 2.99 0.01	35.56 3.12 0.01	37.61 3.11 0.00	39.76 3.48 0.00	42.34 3.71 0.02	44.43 3.67 0.00	49.09 3.85 -0.01	55.57 4.59 0.00	63.00 5.15 0.00	57.90 4.54 0.00	49.44 3.70 0.00	44.43 2.75 0.00	40.94 2.50 -0.50	36.35 2.12 -0.51	32.50 2.04 -1.25
ASTORIA_GT_7 24107	32.18 2.49 -0.01	28.64 2.19 0.00	26.28 1.97 0.00	24.44 1.85 0.00	24.39 1.81 0.00	24.98 1.87 0.00	27.40 2.08 0.00	30.21 2.47 0.00	31.42 2.78 0.01	33.22 2.99 0.01	35.56 3.12 0.01	37.61 3.11 0.00	39.76 3.48 0.00	42.34 3.71 0.02	44.43 3.67 0.00	49.09 3.85 -0.01	55.57 4.59 0.00	63.00 5.15 0.00	57.90 4.54 0.00	49.44 3.70 0.00	44.43 2.75 0.00	40.94 2.50 -0.50	36.35 2.12 -0.51	32.50 2.04 -1.25
ASTORIA_GT_8 24108	32.18 2.49 -0.01	28.64 2.19 0.00	26.28 1.97 0.00	24.44 1.85 0.00	24.39 1.81 0.00	24.98 1.87 0.00	27.40 2.08 0.00	30.21 2.47 0.00	31.42 2.78 0.01	33.22 2.99 0.01	35.56 3.12 0.01	37.61 3.11 0.00	39.76 3.48 0.00	42.34 3.71 0.02	44.43 3.67 0.00	49.09 3.85 -0.01	55.57 4.59 0.00	63.00 5.15 0.00	57.90 4.54 0.00	49.44 3.70 0.00	44.43 2.75 0.00	40.94 2.50 -0.50	36.35 2.12 -0.51	32.50 2.04 -1.25
ASTORIA___2 24149	32.12 2.43 -0.01	28.59 2.14 -0.01	26.24 1.92 -0.01	24.41 1.81 -0.01	24.35 1.76 -0.01	24.92 1.80 -0.01	27.35 2.03 0.00	30.13 2.39 -0.01	31.37 2.72 0.01	33.13 2.90 0.01	35.49 3.05 0.01	37.50 3.00 0.01	39.61 3.34 0.01	42.19 3.55 0.01	44.18 3.42 0.01	48.95 3.71 -0.01	55.31 4.33 0.01	62.76 4.91 0.01	57.73 4.38 0.01	49.30 3.57 0.01	44.34 2.67 0.01	42.22 2.43 -1.86	37.68 2.06 -1.91	35.80 1.96 -4.63
ASTORIA___3 23516	32.24 2.55 -0.01	28.49 2.04 -0.01	26.17 1.85 -0.01	24.36 1.76 -0.01	24.31 1.72 -0.01	24.85 1.73 -0.01	27.30 1.98 0.00	30.10 2.36 -0.01	36.89 2.72 -5.51	36.89 2.90 -3.75	37.54 3.08 -2.00	37.54 3.04 0.00	39.65 3.37 0.00	42.25 3.59 -0.01	44.22 3.46 0.00	49.00 3.75 -0.01	55.21 4.23 0.01	62.70 4.86 0.01	57.52 4.16 0.01	49.07 3.34 0.01	44.30 2.63 0.01	42.18 2.39 -1.86	37.71 2.09 -1.91	35.86 2.01 -4.63
ASTORIA___4 23517	32.24 2.55 -0.01	28.48 2.04 0.00	26.16 1.85 0.00	24.35 1.76 0.00	24.30 1.72 0.00	24.84 1.73 0.00	27.30 1.98 0.00	30.13 2.39 0.00	36.89 2.72 -5.51	36.92 2.93 -3.75	37.54 3.08 -2.00	37.57 3.07 0.00	39.69 3.41 0.00	42.24 3.59 0.00	44.31 3.55 0.00	49.00 3.75 -0.01	55.32 4.33 0.00	62.71 4.86 0.00	57.52 4.16 0.00	49.08 3.34 0.00	44.31 2.63 0.00	40.78 2.35 -0.50	36.32 2.09 -0.51	32.47 2.02 -1.25
ASTORIA___5 23518	32.24 2.55 -0.01	28.49 2.04 -0.01	26.17 1.85 -0.01	24.36 1.76 -0.01	24.31 1.72 -0.01	24.85 1.73 -0.01	27.30 1.98 0.00	30.10 2.36 -0.01	36.89 2.72 -5.51	36.89 2.90 -3.75	37.54 3.08 -2.00	37.54 3.04 0.00	39.65 3.37 0.00	42.25 3.59 -0.01	44.22 3.46 0.00	49.00 3.75 -0.01	55.21 4.23 0.01	62.70 4.86 0.01	57.52 4.16 0.01	49.07 3.34 0.01	44.30 2.63 0.01	42.18 2.39 -1.86	37.71 2.09 -1.91	35.86 2.01 -4.63
AST_ENERGY_2_CC3 323677	32.14 2.46 0.00	28.32 1.88 0.00	26.01 1.70 0.00	24.20 1.60 0.00	24.14 1.56 0.00	24.70 1.59 0.00	27.17 1.85 0.00	29.96 2.22 0.00	31.23 2.58 0.00	32.99 2.75 0.00	35.37 2.92 0.00	37.37 2.86 0.00	39.51 3.23 0.00	42.01 3.36 0.00	44.14 3.38 0.00	49.17 3.93 0.00	55.42 4.43 0.00	62.94 5.09 0.00	57.74 4.38 0.00	49.26 3.52 0.00	44.47 2.79 0.00	42.34 2.54 -1.87	37.85 2.22 -1.92	35.83 1.99 -4.63
AST_ENERGY_2_CC4 323678	32.14 2.46 0.00	28.32 1.88 0.00	26.01 1.70 0.00	24.20 1.60 0.00	24.14 1.56 0.00	24.70 1.59 0.00	27.17 1.85 0.00	29.96 2.22 0.00	31.23 2.58 0.00	32.99 2.75 0.00	35.37 2.92 0.00	37.37 2.86 0.00	39.51 3.23 0.00	42.01 3.36 0.00	44.14 3.38 0.00	49.17 3.93 0.00	55.42 4.43 0.00	62.94 5.09 0.00	57.74 4.38 0.00	49.26 3.52 0.00	44.47 2.79 0.00	42.34 2.54 -1.87	37.85 2.22 -1.92	35.83 1.99 -4.63

ATHENS_STG_1 23668	30.98 1.30 0.00	27.45 1.00 0.00	25.23 0.92 0.00	23.47 0.88 0.00	23.44 0.86 0.00	23.96 0.86 0.00	26.28 0.96 0.00	28.79 1.05 0.00	29.86 1.20 0.00	31.48 1.24 0.00	33.72 1.26 0.00	35.78 1.28 0.00	37.77 1.49 0.00	40.23 1.59 0.00	42.39 1.63 0.00	47.18 1.94 0.00	53.23 2.24 0.00	60.46 2.61 0.00	55.71 2.35 0.00	47.70 1.97 0.00	43.27 1.58 0.00	40.34 1.40 -1.00	35.92 1.18 -1.03	32.71 1.02 -2.48
ATHENS_STG_2 23670	30.98 1.30 0.00	27.45 1.00 0.00	25.23 0.92 0.00	23.47 0.88 0.00	23.44 0.86 0.00	23.96 0.86 0.00	26.28 0.96 0.00	28.79 1.05 0.00	29.86 1.20 0.00	31.48 1.24 0.00	33.72 1.26 0.00	35.78 1.28 0.00	37.77 1.49 0.00	40.23 1.59 0.00	42.39 1.63 0.00	47.18 1.94 0.00	53.23 2.24 0.00	60.46 2.61 0.00	55.71 2.35 0.00	47.70 1.97 0.00	43.27 1.58 0.00	40.34 1.40 -1.00	35.92 1.18 -1.03	32.71 1.02 -2.48
ATHENS_STG_3 23677	30.98 1.30 0.00	27.45 1.00 0.00	25.23 0.92 0.00	23.47 0.88 0.00	23.44 0.86 0.00	23.96 0.86 0.00	26.28 0.96 0.00	28.79 1.05 0.00	29.86 1.20 0.00	31.48 1.24 0.00	33.72 1.26 0.00	35.78 1.28 0.00	37.77 1.49 0.00	40.23 1.59 0.00	42.39 1.63 0.00	47.18 1.94 0.00	53.23 2.24 0.00	60.46 2.61 0.00	55.71 2.35 0.00	47.70 1.97 0.00	43.27 1.58 0.00	40.34 1.40 -1.00	35.92 1.18 -1.03	32.71 1.02 -2.48
AUBURN___LFGE 323710	29.86 0.18 0.00	26.63 0.19 0.00	24.48 0.17 0.00	22.70 0.11 0.00	22.74 0.16 0.00	23.36 0.25 0.00	25.55 0.23 0.00	27.57 -0.17 0.00	28.42 -0.23 0.00	30.08 -0.15 0.00	32.49 0.03 0.00	34.68 0.17 0.00	36.35 0.07 0.00	38.88 0.23 0.00	41.09 0.33 0.00	45.37 0.14 0.00	51.26 0.46 0.19	58.14 0.29 0.00	53.74 0.37 0.00	45.92 0.18 0.00	41.97 0.29 0.00	38.27 0.34 0.00	33.95 0.24 0.00	29.30 0.09 0.00
BABYLON_RES_REC 323704	34.61 3.03 -1.90	32.62 2.38 -3.80	28.36 2.19 -1.87	24.65 2.06 0.00	25.92 2.03 -1.30	25.16 2.06 0.00	27.68 2.36 0.00	33.11 2.72 -2.65	34.93 3.07 -3.21	35.64 3.24 -2.17	39.43 3.44 -3.54	42.62 3.17 -4.95	42.40 3.45 -2.67	43.31 3.52 -1.15	44.50 3.59 -0.15	49.17 3.93 0.00	55.37 4.39 0.00	63.23 5.38 0.00	57.95 4.59 0.00	49.40 3.66 0.00	44.85 3.17 0.00	42.80 3.00 -1.87	38.89 2.93 -2.25	37.95 2.60 -6.14
BABYLON___69_KV_BK2 356345	35.02 3.44 -1.90	32.99 2.75 -3.80	28.70 2.53 -1.87	24.94 2.35 0.00	26.23 2.35 -1.30	25.49 2.38 0.00	28.01 2.68 0.00	33.47 3.08 -2.65	35.33 3.47 -3.21	36.09 3.69 -2.17	39.95 3.96 -3.54	43.59 4.14 -4.95	43.41 4.46 -2.67	44.23 4.56 -1.02	45.58 4.69 -0.13	50.44 5.20 0.00	56.85 5.86 0.00	64.85 7.00 0.00	59.39 6.03 0.00	50.68 4.94 0.00	45.93 4.25 0.00	42.27 3.83 -0.50	38.03 3.47 -0.85	35.02 3.07 -2.75
BALL_HILL_WT_PWR 323825	29.20 -0.48 0.00	25.89 -0.56 0.00	23.92 -0.39 0.00	22.19 -0.41 0.00	22.27 -0.32 0.00	22.95 -0.16 0.00	24.59 -0.74 0.00	27.21 -0.53 0.00	28.08 -0.57 0.00	29.88 -0.36 0.00	32.94 0.49 0.00	35.26 0.76 0.00	36.68 0.40 0.00	39.23 0.58 0.00	41.86 1.10 0.00	45.15 -0.09 0.00	51.76 0.77 -0.01	55.78 -2.08 -0.01	52.67 -0.70 0.00	44.92 -0.82 0.00	41.31 -0.38 0.00	38.35 0.42 0.00	34.15 0.44 0.00	29.65 0.44 0.00
BARON_WINDS___WT_PWR 323822	29.56 -0.12 0.00	26.26 -0.18 0.00	24.19 -0.12 0.00	22.46 -0.13 0.00	22.52 -0.07 0.00	23.20 0.09 0.00	25.07 -0.25 0.00	27.46 -0.28 0.00	28.34 -0.31 0.00	30.06 -0.18 0.00	32.78 0.32 0.00	35.05 0.55 0.00	36.61 0.33 0.00	39.00 0.35 0.00	41.49 0.73 0.00	45.19 -0.05 0.00	51.70 0.71 0.00	56.58 -1.27 0.00	53.15 -0.21 0.00	45.42 -0.32 0.00	41.68 0.00 0.00	38.42 0.49 0.00	34.18 0.47 0.00	29.62 0.41 0.00
BARRETT_IC_1 23704	34.34 2.76 -1.90	32.46 2.22 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.74 1.85 -1.30	24.98 1.87 0.00	27.45 2.13 0.00	32.86 2.47 -2.65	34.61 2.75 -3.21	35.31 2.90 -2.17	39.01 3.02 -3.54	42.42 2.97 -4.95	42.22 3.27 -2.67	41.95 3.13 -0.18	44.21 3.42 -0.03	49.08 3.84 0.00	55.37 4.39 0.00	63.11 5.26 0.00	57.85 4.48 0.00	49.26 3.52 0.00	44.56 2.87 0.00	42.53 2.73 -1.87	38.60 2.63 -2.26	37.69 2.34 -6.15
BARRETT_IC_10 23701	34.34 2.76 -1.90	32.46 2.22 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.74 1.85 -1.30	24.98 1.87 0.00	27.45 2.13 0.00	32.86 2.47 -2.65	34.61 2.75 -3.21	35.31 2.90 -2.17	39.01 3.02 -3.54	42.42 2.97 -4.95	42.22 3.27 -2.67	41.95 3.13 -0.18	44.21 3.42 -0.03	49.08 3.84 0.00	55.37 4.39 0.00	63.11 5.26 0.00	57.85 4.48 0.00	49.26 3.52 0.00	44.56 2.87 0.00	42.53 2.73 -1.87	38.60 2.63 -2.26	37.69 2.34 -6.15
BARRETT_IC_11 23702	34.34 2.76 -1.90	32.46 2.22 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.74 1.85 -1.30	24.98 1.87 0.00	27.45 2.13 0.00	32.86 2.47 -2.65	34.61 2.75 -3.21	35.31 2.90 -2.17	39.01 3.02 -3.54	42.42 2.97 -4.95	42.22 3.27 -2.67	41.95 3.13 -0.18	44.21 3.42 -0.03	49.08 3.84 0.00	55.37 4.39 0.00	63.11 5.26 0.00	57.85 4.48 0.00	49.26 3.52 0.00	44.56 2.87 0.00	42.53 2.73 -1.87	38.60 2.63 -2.26	37.69 2.34 -6.15
BARRETT_IC_12 23703	34.34 2.76 -1.90	32.46 2.22 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.74 1.85 -1.30	24.98 1.87 0.00	27.45 2.13 0.00	32.86 2.47 -2.65	34.61 2.75 -3.21	35.31 2.90 -2.17	39.01 3.02 -3.54	42.42 2.97 -4.95	42.22 3.27 -2.67	41.95 3.13 -0.18	44.21 3.42 -0.03	49.08 3.84 0.00	55.37 4.39 0.00	63.11 5.26 0.00	57.85 4.48 0.00	49.26 3.52 0.00	44.56 2.87 0.00	42.53 2.73 -1.87	38.60 2.63 -2.26	37.69 2.34 -6.15
BARRETT_IC_2 23705	34.34 2.76 -1.90	32.46 2.22 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.74 1.85 -1.30	24.98 1.87 0.00	27.45 2.13 0.00	32.86 2.47 -2.65	34.61 2.75 -3.21	35.31 2.90 -2.17	39.01 3.02 -3.54	42.42 2.97 -4.95	42.22 3.27 -2.67	41.95 3.13 -0.18	44.21 3.42 -0.03	49.08 3.84 0.00	55.37 4.39 0.00	63.11 5.26 0.00	57.85 4.48 0.00	49.26 3.52 0.00	44.56 2.87 0.00	42.53 2.73 -1.87	38.60 2.63 -2.26	37.69 2.34 -6.15
BARRETT_IC_3 23706	34.34 2.76 -1.90	32.46 2.22 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.74 1.85 -1.30	24.98 1.87 0.00	27.45 2.13 0.00	32.86 2.47 -2.65	34.61 2.75 -3.21	35.31 2.90 -2.17	39.01 3.02 -3.54	42.42 2.97 -4.95	42.22 3.27 -2.67	41.95 3.13 -0.18	44.21 3.42 -0.03	49.08 3.84 0.00	55.37 4.39 0.00	63.11 5.26 0.00	57.85 4.48 0.00	49.26 3.52 0.00	44.56 2.87 0.00	42.53 2.73 -1.87	38.60 2.63 -2.26	37.69 2.34 -6.15
BARRETT_IC_4 23707	34.34 2.76 -1.90	32.46 2.22 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.74 1.85 -1.30	24.98 1.87 0.00	27.45 2.13 0.00	32.86 2.47 -2.65	34.61 2.75 -3.21	35.31 2.90 -2.17	39.01 3.02 -3.54	42.42 2.97 -4.95	42.22 3.27 -2.67	41.95 3.13 -0.18	44.21 3.42 -0.03	49.08 3.84 0.00	55.37 4.39 0.00	63.11 5.26 0.00	57.85 4.48 0.00	49.26 3.52 0.00	44.56 2.87 0.00	42.53 2.73 -1.87	38.60 2.63 -2.26	37.69 2.34 -6.15

BARRETT_IC_5 23708	34.34 2.76 -1.90	32.46 2.22 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.74 1.85 -1.30	24.98 1.87 0.00	27.45 2.13 0.00	32.86 2.47 -2.65	34.61 2.75 -3.21	35.31 2.90 -2.17	39.01 3.02 -3.54	42.42 2.97 -4.95	42.22 3.27 -2.67	41.95 3.13 -0.18	44.21 3.42 -0.03	49.08 3.84 0.00	55.37 4.39 0.00	63.11 5.26 0.00	57.85 4.48 0.00	49.26 3.52 0.00	44.56 2.87 0.00	42.53 2.73 -1.87	38.60 2.63 -2.26	37.69 2.34 -6.15
BARRETT_IC_6 23709	34.34 2.76 -1.90	32.46 2.22 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.74 1.85 -1.30	24.98 1.87 0.00	27.45 2.13 0.00	32.86 2.47 -2.65	34.61 2.75 -3.21	35.31 2.90 -2.17	39.01 3.02 -3.54	42.42 2.97 -4.95	42.22 3.27 -2.67	41.95 3.13 -0.18	44.21 3.42 -0.03	49.08 3.84 0.00	55.37 4.39 0.00	63.11 5.26 0.00	57.85 4.48 0.00	49.26 3.52 0.00	44.56 2.87 0.00	42.53 2.73 -1.87	38.60 2.63 -2.26	37.69 2.34 -6.15
BARRETT_IC_7 23710	34.34 2.76 -1.90	32.46 2.22 -3.80	28.19 2.02 -1.87	24.47 1.88 0.00	25.74 1.85 -1.30	24.98 1.87 0.00	27.45 2.13 0.00	32.89 2.50 -2.65	34.61 2.75 -3.21	35.34 2.93 -2.17	39.01 3.02 -3.54	42.38 2.93 -4.95	42.25 3.30 -2.67	42.11 3.29 -0.18	44.29 3.51 -0.03	49.08 3.85 0.00	55.47 4.49 0.00	63.17 5.32 0.00	57.79 4.43 0.00	49.26 3.52 0.00	44.56 2.88 0.00	41.13 2.69 -0.50	37.19 2.63 -0.85	34.29 2.34 -2.75
BARRETT_IC_8 23711	34.34 2.76 -1.90	32.46 2.22 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.74 1.85 -1.30	24.98 1.87 0.00	27.45 2.13 0.00	32.86 2.47 -2.65	34.61 2.75 -3.21	35.31 2.90 -2.17	39.01 3.02 -3.54	42.42 2.97 -4.95	42.22 3.27 -2.67	41.95 3.13 -0.18	44.21 3.42 -0.03	49.08 3.84 0.00	55.37 4.39 0.00	63.11 5.26 0.00	57.85 4.48 0.00	49.26 3.52 0.00	44.56 2.87 0.00	42.53 2.73 -1.87	38.60 2.63 -2.26	37.69 2.34 -6.15
BARRETT_IC_9 23700	34.34 2.76 -1.90	32.46 2.22 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.74 1.85 -1.30	24.98 1.87 0.00	27.45 2.13 0.00	32.86 2.47 -2.65	34.61 2.75 -3.21	35.31 2.90 -2.17	39.01 3.02 -3.54	42.42 2.97 -4.95	42.22 3.27 -2.67	41.95 3.13 -0.18	44.21 3.42 -0.03	49.08 3.84 0.00	55.37 4.39 0.00	63.11 5.26 0.00	57.85 4.48 0.00	49.26 3.52 0.00	44.56 2.87 0.00	42.53 2.73 -1.87	38.60 2.63 -2.26	37.69 2.34 -6.15
BARRETT___1 23545	34.34 2.76 -1.90	32.46 2.22 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.74 1.85 -1.30	24.98 1.87 0.00	27.45 2.13 0.00	32.86 2.47 -2.65	34.61 2.75 -3.21	35.31 2.90 -2.17	39.01 3.02 -3.54	42.42 2.97 -4.95	42.22 3.27 -2.67	41.95 3.13 -0.18	44.21 3.42 -0.03	49.08 3.84 0.00	55.37 4.39 0.00	63.11 5.26 0.00	57.85 4.48 0.00	49.26 3.52 0.00	44.56 2.87 0.00	42.53 2.73 -1.87	38.60 2.63 -2.26	37.69 2.34 -6.15
BARRETT___2 23546	34.34 2.76 -1.90	32.46 2.22 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.74 1.85 -1.30	24.98 1.87 0.00	27.45 2.13 0.00	32.86 2.47 -2.65	34.61 2.75 -3.21	35.31 2.90 -2.17	39.01 3.02 -3.54	42.42 2.97 -4.95	42.22 3.27 -2.67	41.95 3.13 -0.18	44.21 3.42 -0.03	49.08 3.84 0.00	55.37 4.39 0.00	63.11 5.26 0.00	57.85 4.48 0.00	49.26 3.52 0.00	44.56 2.87 0.00	42.53 2.73 -1.87	38.60 2.63 -2.26	37.69 2.34 -6.15
BATAVIA__115KV_TB1 55881	29.50 -0.18 0.00	26.05 -0.40 0.00	24.12 -0.19 0.00	22.34 -0.25 0.00	22.45 -0.14 0.00	23.13 0.02 0.00	24.71 -0.61 0.00	26.99 -0.75 0.00	27.97 -0.69 0.00	29.69 -0.54 0.00	32.81 0.36 0.00	35.06 0.55 0.00	36.25 -0.04 0.00	38.96 0.31 0.00	41.46 0.69 0.00	44.88 -0.36 0.00	50.70 -0.15 0.13	57.22 -0.64 0.00	52.89 -0.48 0.00	45.05 -0.69 0.00	41.64 -0.04 0.00	38.43 0.49 0.00	34.25 0.54 0.00	29.79 0.58 0.00
BAYONEEC___CTG1 323682	32.20 2.52 0.00	28.35 1.91 0.00	26.04 1.73 0.00	24.22 1.63 0.00	24.16 1.58 0.00	24.72 1.62 0.00	27.19 1.87 0.00	29.99 2.25 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.43 2.93 0.00	39.55 3.27 0.00	42.05 3.40 0.00	44.18 3.42 0.00	49.22 3.98 0.00	55.47 4.49 0.00	62.94 5.09 0.00	57.74 4.38 0.00	49.31 3.57 0.00	44.47 2.79 0.00	42.38 2.58 -1.87	37.89 2.26 -1.92	35.85 2.01 -4.63
BAYONEEC___CTG10 323750	32.20 2.52 0.00	28.35 1.91 0.00	26.04 1.73 0.00	24.22 1.63 0.00	24.16 1.58 0.00	24.72 1.62 0.00	27.19 1.87 0.00	29.99 2.25 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.43 2.93 0.00	39.55 3.27 0.00	42.05 3.40 0.00	44.18 3.42 0.00	49.22 3.98 0.00	55.47 4.49 0.00	62.94 5.09 0.00	57.74 4.38 0.00	49.31 3.57 0.00	44.47 2.79 0.00	42.38 2.58 -1.87	37.89 2.26 -1.92	35.85 2.01 -4.63
BAYONEEC___CTG2 323683	32.20 2.52 0.00	28.35 1.91 0.00	26.04 1.73 0.00	24.22 1.63 0.00	24.16 1.58 0.00	24.72 1.62 0.00	27.19 1.87 0.00	29.99 2.25 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.43 2.93 0.00	39.55 3.27 0.00	42.05 3.40 0.00	44.18 3.42 0.00	49.22 3.98 0.00	55.47 4.49 0.00	62.94 5.09 0.00	57.74 4.38 0.00	49.31 3.57 0.00	44.47 2.79 0.00	42.38 2.58 -1.87	37.89 2.26 -1.92	35.85 2.01 -4.63
BAYONEEC___CTG3 323684	32.20 2.52 0.00	28.35 1.91 0.00	26.04 1.73 0.00	24.22 1.63 0.00	24.16 1.58 0.00	24.72 1.62 0.00	27.19 1.87 0.00	29.99 2.25 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.43 2.93 0.00	39.55 3.27 0.00	42.05 3.40 0.00	44.18 3.42 0.00	49.22 3.98 0.00	55.47 4.49 0.00	62.94 5.09 0.00	57.74 4.38 0.00	49.31 3.57 0.00	44.47 2.79 0.00	42.38 2.58 -1.87	37.89 2.26 -1.92	35.85 2.01 -4.63
BAYONEEC___CTG4 323685	32.20 2.52 0.00	28.35 1.91 0.00	26.04 1.73 0.00	24.22 1.63 0.00	24.16 1.58 0.00	24.72 1.62 0.00	27.19 1.87 0.00	29.99 2.25 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.43 2.93 0.00	39.55 3.27 0.00	42.05 3.40 0.00	44.18 3.42 0.00	49.22 3.98 0.00	55.47 4.49 0.00	62.94 5.09 0.00	57.74 4.38 0.00	49.31 3.57 0.00	44.47 2.79 0.00	42.38 2.58 -1.87	37.89 2.26 -1.92	35.85 2.01 -4.63
BAYONEEC___CTG5 323686	32.20 2.52 0.00	28.35 1.91 0.00	26.04 1.73 0.00	24.22 1.63 0.00	24.16 1.58 0.00	24.72 1.62 0.00	27.19 1.87 0.00	29.99 2.25 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.43 2.93 0.00	39.55 3.27 0.00	42.05 3.40 0.00	44.18 3.42 0.00	49.22 3.98 0.00	55.47 4.49 0.00	62.94 5.09 0.00	57.74 4.38 0.00	49.31 3.57 0.00	44.47 2.79 0.00	42.38 2.58 -1.87	37.89 2.26 -1.92	35.85 2.01 -4.63
BAYONEEC___CTG6 323687	32.20 2.52 0.00	28.35 1.91 0.00	26.04 1.73 0.00	24.22 1.63 0.00	24.16 1.58 0.00	24.72 1.62 0.00	27.19 1.87 0.00	29.99 2.25 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.43 2.93 0.00	39.55 3.27 0.00	42.05 3.40 0.00	44.18 3.42 0.00	49.22 3.98 0.00	55.47 4.49 0.00	62.94 5.09 0.00	57.74 4.38 0.00	49.31 3.57 0.00	44.47 2.79 0.00	42.38 2.58 -1.87	37.89 2.26 -1.92	35.85 2.01 -4.63

BAYONEEC___CTG7 323688	32.20 2.52 0.00	28.35 1.91 0.00	26.04 1.73 0.00	24.22 1.63 0.00	24.16 1.58 0.00	24.72 1.62 0.00	27.19 1.87 0.00	29.99 2.25 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.43 2.93 0.00	39.55 3.27 0.00	42.05 3.40 0.00	44.18 3.42 0.00	49.22 3.98 0.00	55.47 4.49 0.00	62.94 5.09 0.00	57.74 4.38 0.00	49.31 3.57 0.00	44.47 2.79 0.00	42.38 2.58 -1.87	37.89 2.26 -1.92	35.85 2.01 -4.63
BAYONEEC___CTG8 323689	32.20 2.52 0.00	28.35 1.91 0.00	26.04 1.73 0.00	24.22 1.63 0.00	24.16 1.58 0.00	24.72 1.62 0.00	27.19 1.87 0.00	29.99 2.25 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.43 2.93 0.00	39.55 3.27 0.00	42.05 3.40 0.00	44.18 3.42 0.00	49.22 3.98 0.00	55.47 4.49 0.00	62.94 5.09 0.00	57.74 4.38 0.00	49.31 3.57 0.00	44.47 2.79 0.00	42.38 2.58 -1.87	37.89 2.26 -1.92	35.85 2.01 -4.63
BAYONEEC___CTG9 323749	32.20 2.52 0.00	28.35 1.91 0.00	26.04 1.73 0.00	24.22 1.63 0.00	24.16 1.58 0.00	24.72 1.62 0.00	27.19 1.87 0.00	29.99 2.25 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.43 2.93 0.00	39.55 3.27 0.00	42.05 3.40 0.00	44.18 3.42 0.00	49.22 3.98 0.00	55.47 4.49 0.00	62.94 5.09 0.00	57.74 4.38 0.00	49.31 3.57 0.00	44.47 2.79 0.00	42.38 2.58 -1.87	37.89 2.26 -1.92	35.85 2.01 -4.63
BEACON___LESR 323632	30.78 1.10 0.00	27.32 0.87 0.00	25.11 0.80 0.00	23.34 0.74 0.00	23.33 0.74 0.00	23.85 0.74 0.00	26.13 0.81 0.00	28.57 0.83 0.00	29.57 0.92 0.00	31.05 0.82 0.00	33.23 0.78 0.00	35.37 0.86 0.00	37.33 1.05 0.00	39.77 1.12 0.00	41.98 1.22 0.00	46.86 1.63 0.00	52.97 1.99 0.00	60.39 2.54 0.00	55.82 2.46 0.00	47.80 2.06 0.00	43.39 1.71 0.00	40.10 1.44 -0.73	35.61 1.15 -0.75	31.99 0.96 -1.82
BEAVER RIVER___HYD 24048	28.96 -0.71 0.00	25.86 -0.58 0.00	23.75 -0.56 0.00	21.96 -0.63 0.00	21.98 -0.61 0.00	22.62 -0.49 0.00	24.99 -0.33 0.00	26.99 -0.75 0.00	27.76 -0.89 0.00	29.42 -0.81 0.00	31.48 -0.97 0.00	33.54 -0.97 0.00	35.30 -0.98 0.00	37.64 -1.01 0.00	39.66 -1.10 0.00	43.97 -1.27 0.00	46.39 -1.53 3.07	56.41 -1.44 0.00	52.30 -1.07 0.00	45.14 -0.60 0.00	41.39 -0.29 0.00	37.74 -0.19 0.00	33.27 -0.44 0.00	28.68 -0.52 0.00
BEEBEE_GT_13 23619	29.32 -0.36 0.00	25.99 -0.45 0.00	23.99 -0.32 0.00	22.25 -0.34 0.00	22.31 -0.27 0.00	22.95 -0.16 0.00	24.74 -0.58 0.00	26.82 -0.92 0.00	27.79 -0.86 0.00	29.51 -0.73 0.00	32.32 -0.13 0.00	34.54 0.03 0.00	35.88 -0.40 0.00	38.45 -0.19 0.00	40.84 0.08 0.00	44.56 -0.68 0.00	50.28 -0.56 0.14	56.87 -0.98 0.00	52.56 -0.80 0.00	44.78 -0.96 0.00	41.18 -0.50 0.00	37.82 -0.11 0.00	33.68 -0.03 0.00	29.24 0.03 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.58 2.85 -0.06	28.74 2.30 0.00	26.38 2.07 0.00	24.58 1.99 0.00	24.50 1.92 0.00	25.05 1.94 0.00	27.47 2.15 0.00	30.35 2.61 0.00	42.09 3.01 -10.43	37.16 3.17 -3.75	37.86 3.41 -2.00	37.88 3.38 0.00	40.09 3.81 0.00	42.74 4.10 0.00	44.88 4.12 0.00	69.27 4.48 -19.55	56.13 5.15 0.00	63.64 5.79 0.00	58.38 5.02 0.00	49.81 4.07 0.00	44.93 3.25 0.00	41.31 2.88 -0.50	36.69 2.46 -0.51	32.83 2.37 -1.26
BETHLEHEM___GRP 23843	30.30 0.62 0.00	26.89 0.45 0.00	24.75 0.44 0.00	23.02 0.43 0.00	23.04 0.45 0.00	23.50 0.39 0.00	25.73 0.41 0.00	28.18 0.44 0.00	29.11 0.46 0.00	30.60 0.36 0.00	32.74 0.29 0.00	34.81 0.31 0.00	36.79 0.51 0.00	39.15 0.50 0.00	41.33 0.57 0.00	46.00 0.77 0.00	52.06 1.07 0.00	59.12 1.27 0.00	54.64 1.28 0.00	46.79 1.05 0.00	42.52 0.83 0.00	38.58 0.64 0.00	34.18 0.47 0.00	29.62 0.41 0.00
BETHLEHEM___GS1 323560	30.30 0.62 0.00	26.89 0.45 0.00	24.75 0.44 0.00	23.02 0.43 0.00	23.01 0.43 0.00	23.50 0.39 0.00	25.72 0.40 0.00	28.13 0.39 0.00	29.11 0.46 0.00	30.60 0.36 0.00	32.74 0.29 0.00	34.81 0.31 0.00	36.75 0.47 0.00	39.15 0.50 0.00	41.29 0.53 0.00	46.00 0.77 0.00	51.95 0.97 0.00	59.18 1.33 0.00	54.64 1.28 0.00	46.79 1.05 0.00	42.51 0.83 0.00	39.30 0.64 -0.72	34.93 0.47 -0.74	31.41 0.41 -1.79
BETHLEHEM___GS2 323561	30.30 0.62 0.00	26.89 0.45 0.00	24.75 0.44 0.00	23.02 0.43 0.00	23.01 0.43 0.00	23.50 0.39 0.00	25.72 0.40 0.00	28.13 0.39 0.00	29.11 0.46 0.00	30.60 0.36 0.00	32.74 0.29 0.00	34.81 0.31 0.00	36.75 0.47 0.00	39.15 0.50 0.00	41.29 0.53 0.00	46.00 0.77 0.00	51.95 0.97 0.00	59.18 1.33 0.00	54.64 1.28 0.00	46.79 1.05 0.00	42.51 0.83 0.00	39.30 0.64 -0.72	34.93 0.47 -0.74	31.41 0.41 -1.79
BETHLEHEM___GS3 323562	30.30 0.62 0.00	26.89 0.45 0.00	24.75 0.44 0.00	23.02 0.43 0.00	23.01 0.43 0.00	23.50 0.39 0.00	25.72 0.40 0.00	28.13 0.39 0.00	29.11 0.46 0.00	30.60 0.36 0.00	32.74 0.29 0.00	34.81 0.31 0.00	36.75 0.47 0.00	39.15 0.50 0.00	41.29 0.53 0.00	46.00 0.77 0.00	51.95 0.97 0.00	59.18 1.33 0.00	54.64 1.28 0.00	46.79 1.05 0.00	42.51 0.83 0.00	39.30 0.64 -0.72	34.93 0.47 -0.74	31.41 0.41 -1.79
BETHLEHEM___STEEL 23779	29.11 -0.56 0.00	25.76 -0.69 0.00	23.82 -0.49 0.00	22.09 -0.50 0.00	22.16 -0.43 0.00	22.85 -0.25 0.00	24.41 -0.91 0.00	26.83 -0.92 0.00	27.85 -0.80 0.00	29.63 -0.60 0.00	32.75 0.29 0.00	35.06 0.55 0.00	36.25 -0.04 0.00	38.96 0.31 0.00	41.33 0.57 0.00	44.79 -0.45 0.00	50.69 -0.31 -0.01	56.82 -1.04 -0.01	52.35 -1.01 0.00	44.55 -1.19 0.00	41.02 -0.67 0.00	37.93 0.00 0.00	33.92 0.20 0.00	29.53 0.32 0.00
BETHLHEM_115KV_TB1 79974	30.36 0.68 0.00	26.95 0.50 0.00	24.80 0.49 0.00	23.07 0.47 0.00	23.08 0.50 0.00	23.57 0.46 0.00	25.80 0.48 0.00	28.24 0.50 0.00	29.20 0.54 0.00	30.69 0.45 0.00	32.84 0.39 0.00	34.92 0.41 0.00	36.90 0.62 0.00	39.27 0.62 0.00	41.41 0.65 0.00	46.14 0.90 0.00	52.16 1.17 0.00	59.24 1.39 0.00	54.75 1.39 0.00	46.88 1.14 0.00	42.60 0.92 0.00	38.65 0.72 0.00	34.29 0.57 0.00	29.70 0.50 0.00
BETHPAGE_CC_5 323564	34.40 2.82 -1.90	32.49 2.25 -3.80	28.29 2.11 -1.87	24.56 1.96 0.00	25.83 1.94 -1.30	25.07 1.96 0.00	27.57 2.25 0.00	32.97 2.58 -2.65	34.75 2.89 -3.21	35.46 3.05 -2.17	39.20 3.21 -3.54	42.66 3.21 -4.95	42.51 3.56 -2.67	43.82 3.67 -1.50	44.70 3.75 -0.20	49.39 4.16 0.00	55.73 4.74 0.00	63.52 5.67 0.00	58.22 4.86 0.00	49.58 3.84 0.00	44.89 3.21 0.00	42.80 3.00 -1.87	38.62 2.66 -2.25	37.68 2.34 -6.14
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.17 -0.50 0.00	25.81 -0.63 0.00	23.85 -0.46 0.00	22.14 -0.45 0.00	22.20 -0.38 0.00	22.90 -0.21 0.00	24.46 -0.86 0.00	26.88 -0.86 0.00	27.94 -0.72 0.00	29.72 -0.51 0.00	32.85 0.39 0.00	35.16 0.66 0.00	36.39 0.11 0.00	39.08 0.43 0.00	41.46 0.69 0.00	44.97 -0.27 0.00	50.89 -0.10 -0.01	57.05 -0.81 -0.01	52.51 -0.85 0.00	44.69 -1.05 0.00	41.10 -0.58 0.00	38.05 0.11 0.00	33.99 0.27 0.00	29.59 0.38 0.00

BINGHAMTON___COGEN 23790	29.94 0.27 0.00	26.63 0.19 0.00	24.50 0.19 0.00	22.75 0.16 0.00	22.76 0.18 0.00	23.38 0.28 0.00	25.52 0.20 0.00	27.74 0.00 0.00	28.68 0.03 0.00	30.39 0.15 0.00	32.81 0.36 0.00	34.95 0.45 0.00	36.64 0.36 0.00	39.15 0.50 0.00	41.37 0.61 0.00	45.64 0.41 0.00	51.70 0.71 0.00	58.37 0.52 0.00	53.90 0.53 0.00	46.10 0.37 0.00	42.06 0.38 0.00	38.42 0.49 0.00	34.12 0.40 0.00	29.53 0.32 0.00
BIXINCNT_115KV_LOAD 355685	29.29 -0.39 0.00	25.91 -0.53 0.00	23.92 -0.39 0.00	22.21 -0.38 0.00	22.25 -0.34 0.00	22.99 -0.12 0.00	24.66 -0.66 0.00	27.13 -0.61 0.00	28.20 -0.46 0.00	30.00 -0.24 0.00	33.07 0.62 0.00	35.40 0.90 0.00	36.68 0.40 0.00	39.31 0.66 0.00	41.66 0.90 0.00	45.24 0.00 0.00	51.25 0.25 -0.01	57.39 -0.46 -0.01	52.67 -0.69 0.00	44.78 -0.96 0.00	41.10 -0.58 0.00	38.12 0.19 0.00	34.05 0.34 0.00	29.62 0.41 0.00
BLACK RIVER___HYD 24047	29.08 -0.59 0.00	25.97 -0.48 0.00	23.85 -0.46 0.00	22.03 -0.56 0.00	22.04 -0.54 0.00	22.71 -0.39 0.00	25.14 -0.18 0.00	27.02 -0.72 0.00	27.79 -0.86 0.00	29.45 -0.79 0.00	31.54 -0.91 0.00	33.64 -0.86 0.00	35.37 -0.91 0.00	37.76 -0.89 0.00	39.78 -0.98 0.00	44.02 -1.22 0.00	47.51 -1.33 2.15	56.52 -1.33 0.00	52.56 -0.80 0.00	45.51 -0.23 0.00	41.77 0.08 0.00	38.08 0.15 0.00	33.48 -0.23 0.00	28.83 -0.38 0.00
BLACKRVR_115KV_TB2 79977	29.08 -0.59 0.00	25.97 -0.48 0.00	23.85 -0.46 0.00	22.03 -0.56 0.00	22.04 -0.54 0.00	22.71 -0.39 0.00	25.14 -0.18 0.00	26.99 -0.75 0.00	27.79 -0.86 0.00	29.45 -0.79 0.00	31.54 -0.91 0.00	33.64 -0.86 0.00	35.37 -0.91 0.00	37.72 -0.93 0.00	39.74 -1.02 0.00	44.01 -1.22 0.00	47.46 -1.38 2.15	56.58 -1.27 0.00	52.62 -0.75 0.00	45.55 -0.18 0.00	41.76 0.08 0.00	38.08 0.15 0.00	33.48 -0.24 0.00	28.83 -0.38 0.00
BLISS_WT_PWR 323608	29.26 -0.42 0.00	25.92 -0.53 0.00	23.92 -0.39 0.00	22.19 -0.41 0.00	22.25 -0.34 0.00	22.97 -0.14 0.00	24.66 -0.66 0.00	27.30 -0.44 0.00	28.23 -0.43 0.00	30.00 -0.24 0.00	33.07 0.62 0.00	35.40 0.90 0.00	36.86 0.58 0.00	39.35 0.70 0.00	41.90 1.14 0.00	45.28 0.05 0.00	51.91 0.92 -0.01	55.54 -2.32 -0.01	52.62 -0.75 0.00	44.69 -1.05 0.00	41.06 -0.62 0.00	38.20 0.27 0.00	34.05 0.34 0.00	29.62 0.41 0.00
BLUESTONE___WT_PWR 323821	31.37 1.69 0.00	27.92 1.48 0.00	25.65 1.34 0.00	23.68 1.08 0.00	23.71 1.13 0.00	24.47 1.36 0.00	26.99 1.67 0.00	30.57 2.83 0.00	31.32 2.67 0.00	33.17 2.93 0.00	35.37 2.92 0.00	37.82 3.31 0.00	40.05 3.77 0.00	42.82 4.18 0.00	45.40 4.64 0.00	50.26 5.02 0.00	57.46 6.48 0.00	65.37 7.52 0.00	60.89 7.53 0.00	52.50 6.77 0.00	48.01 6.33 0.00	43.27 5.58 0.24	37.85 4.38 0.24	32.15 3.53 0.59
BLUE_CIRC_CHEM_DRP 24182	30.72 1.04 0.00	27.29 0.85 0.00	25.11 0.80 0.00	23.36 0.77 0.00	23.35 0.77 0.00	23.82 0.72 0.00	26.08 0.76 0.00	28.49 0.75 0.00	29.40 0.74 0.00	30.84 0.60 0.00	32.94 0.49 0.00	35.02 0.52 0.00	36.97 0.69 0.00	39.38 0.73 0.00	41.57 0.82 0.00	46.32 1.09 0.00	52.46 1.48 0.00	59.64 1.79 0.00	55.23 1.87 0.00	47.38 1.65 0.00	43.06 1.38 0.00	39.11 1.18 0.00	34.69 0.98 0.00	30.08 0.88 0.00
BOC_GAS_DRP 24189	30.54 0.86 0.00	27.10 0.66 0.00	24.94 0.63 0.00	23.20 0.61 0.00	23.17 0.59 0.00	23.69 0.58 0.00	25.95 0.63 0.00	28.41 0.67 0.00	29.37 0.72 0.00	30.93 0.70 0.00	33.10 0.65 0.00	35.16 0.66 0.00	37.15 0.87 0.00	39.54 0.89 0.00	41.70 0.94 0.00	46.41 1.18 0.00	52.41 1.43 0.00	59.47 1.62 0.00	54.91 1.55 0.00	47.06 1.33 0.00	42.72 1.04 0.00	38.80 0.87 0.00	34.45 0.74 0.00	29.85 0.64 0.00
BOONVILLE_115KV_TB1 79983	30.03 0.36 0.00	26.76 0.32 0.00	24.60 0.29 0.00	22.75 0.16 0.00	22.76 0.18 0.00	23.41 0.30 0.00	25.80 0.48 0.00	27.96 0.22 0.00	28.85 0.20 0.00	30.54 0.30 0.00	32.74 0.29 0.00	34.88 0.38 0.00	36.79 0.51 0.00	39.23 0.58 0.00	41.37 0.61 0.00	45.91 0.68 0.00	50.68 0.87 1.17	59.01 1.16 0.00	54.54 1.17 0.00	46.93 1.19 0.00	42.85 1.17 0.00	38.95 1.02 0.00	34.42 0.71 0.00	29.70 0.50 0.00
BORALEX_4TH_BRANCH 23824	31.34 1.66 0.00	27.79 1.35 0.00	25.57 1.26 0.00	23.79 1.20 0.00	23.76 1.17 0.00	24.26 1.16 0.00	26.59 1.27 0.00	29.16 1.41 0.00	30.06 1.40 0.00	31.51 1.27 0.00	33.65 1.20 0.00	35.75 1.24 0.00	37.88 1.60 0.00	40.27 1.62 0.00	42.47 1.71 0.00	47.41 2.17 0.00	53.79 2.80 0.00	60.98 3.12 0.00	56.51 3.15 0.00	48.48 2.74 0.00	44.02 2.33 0.00	39.90 1.97 0.00	35.36 1.65 0.00	30.70 1.49 0.00
BOWLINE___1 23526	31.70 2.02 0.00	28.00 1.56 0.00	25.72 1.41 0.00	23.95 1.36 0.00	23.89 1.31 0.00	24.45 1.34 0.00	26.87 1.54 0.00	29.52 1.78 0.00	30.74 2.09 0.00	32.44 2.21 0.00	34.72 2.27 0.00	36.78 2.28 0.00	38.82 2.54 0.00	41.24 2.59 0.00	43.33 2.57 0.00	48.22 2.98 0.00	54.40 3.42 0.00	61.84 3.99 0.00	56.73 3.36 0.00	48.53 2.79 0.00	43.85 2.17 0.00	42.13 2.05 -2.16	37.68 1.75 -2.21	36.14 1.58 -5.35
BOWLINE___2 23595	31.70 2.02 0.00	28.00 1.56 0.00	25.72 1.41 0.00	23.95 1.36 0.00	23.89 1.31 0.00	24.45 1.34 0.00	26.87 1.54 0.00	29.52 1.78 0.00	30.74 2.09 0.00	32.44 2.21 0.00	34.72 2.27 0.00	36.78 2.28 0.00	38.78 2.50 0.00	41.24 2.59 0.00	43.33 2.57 0.00	48.27 3.03 0.00	54.40 3.42 0.00	61.84 3.99 0.00	56.78 3.42 0.00	48.53 2.79 0.00	43.85 2.17 0.00	42.09 2.01 -2.15	37.67 1.75 -2.21	36.13 1.58 -5.35
BRADY___115KV_TB2 356060	29.17 -0.50 0.00	26.15 -0.29 0.00	23.99 -0.32 0.00	22.23 -0.36 0.00	22.25 -0.34 0.00	22.76 -0.35 0.00	25.09 -0.23 0.00	27.30 -0.44 0.00	28.02 -0.63 0.00	29.54 -0.70 0.00	31.67 -0.78 0.00	33.71 -0.79 0.00	35.37 -0.91 0.00	37.56 -1.08 0.00	39.50 -1.26 0.00	43.83 -1.40 0.00	37.97 -2.50 10.52	55.31 -2.55 0.00	51.07 -2.29 0.00	44.04 -1.69 0.00	40.64 -1.04 0.00	37.44 -0.49 0.00	33.24 -0.47 0.00	28.77 -0.44 0.00
BRANSCOMB___SOLAR 323811	31.61 1.93 0.00	28.08 1.64 0.00	25.79 1.48 0.00	23.97 1.38 0.00	23.94 1.35 0.00	24.49 1.39 0.00	26.81 1.49 0.00	29.43 1.69 0.00	30.46 1.81 0.00	32.05 1.81 0.00	34.14 1.69 0.00	36.40 1.90 0.00	38.42 2.14 0.00	40.77 2.12 0.00	43.04 2.28 0.00	48.09 2.85 0.00	54.45 3.47 0.00	62.31 4.45 0.00	57.95 4.59 0.00	49.71 3.98 0.00	45.35 3.67 0.00	41.77 3.15 -0.69	37.02 2.60 -0.71	33.12 2.19 -1.72
BRENTWOD_69_KV_W. BRTWOOD 56703	34.88 3.29 -1.90	32.83 2.59 -3.80	28.56 2.38 -1.87	24.85 2.26 0.00	26.12 2.24 -1.30	25.40 2.29 0.00	27.90 2.58 0.00	33.36 2.97 -2.65	35.18 3.32 -3.21	35.91 3.51 -2.17	39.66 3.67 -3.54	43.25 3.80 -4.95	43.05 4.10 -2.67	43.47 4.14 -0.69	45.00 4.16 -0.09	49.85 4.61 0.00	55.93 4.95 0.00	63.87 6.02 0.00	58.49 5.12 0.00	50.13 4.39 0.00	45.39 3.71 0.00	41.77 3.34 -0.50	37.69 3.14 -0.85	34.76 2.80 -2.75

BRISTLHL_115KV_TB1 79998	29.11 -0.56 0.00	25.99 -0.45 0.00	23.92 -0.39 0.00	22.23 -0.36 0.00	22.22 -0.36 0.00	22.78 -0.32 0.00	24.92 -0.41 0.00	26.77 -0.97 0.00	27.59 -1.06 0.00	29.21 -1.03 0.00	31.48 -0.97 0.00	33.54 -0.97 0.00	35.19 -1.09 0.00	37.60 -1.04 0.00	39.78 -0.98 0.00	43.92 -1.31 0.00	49.51 -1.17 0.30	56.29 -1.56 0.00	51.97 -1.39 0.00	44.50 -1.23 0.00	40.64 -1.04 0.00	37.02 -0.91 0.00	32.87 -0.84 0.00	28.45 -0.76 0.00
BROOKHAVEN___DRP 24191	34.49 2.91 -1.90	32.51 2.27 -3.80	28.27 2.09 -1.87	24.56 1.97 0.00	25.85 1.96 -1.30	25.07 1.96 0.00	27.55 2.23 0.00	32.97 2.58 -2.65	34.87 3.01 -3.21	35.61 3.20 -2.17	39.43 3.44 -3.54	43.00 3.55 -4.95	42.87 3.92 -2.67	43.15 3.94 -0.57	44.96 4.12 -0.08	49.86 4.61 -0.01	56.25 5.25 -0.01	64.22 6.36 -0.01	58.81 5.44 -0.01	50.14 4.39 -0.01	45.31 3.63 0.00	41.70 3.26 -0.50	37.46 2.90 -0.85	34.53 2.57 -2.75
BROOKLYN_NAVY_YARD 23515	32.23 2.55 0.00	28.32 1.88 0.00	26.01 1.70 0.00	24.22 1.63 0.00	24.16 1.58 0.00	24.70 1.59 0.00	27.19 1.87 0.00	29.99 2.25 0.00	31.29 2.63 0.00	33.05 2.81 0.00	35.44 2.98 0.00	37.47 2.97 0.00	39.58 3.30 0.00	42.13 3.48 0.00	44.27 3.51 0.00	49.35 4.12 0.00	55.62 4.64 0.00	63.11 5.26 0.00	57.90 4.53 0.00	49.40 3.66 0.00	44.60 2.92 0.00	42.41 2.62 -1.87	37.89 2.26 -1.92	35.85 2.01 -4.63
BROOKLYN___ARMY_DRP 323595	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
BROOKVLE_69_KV_TB1 55790	34.67 3.09 -1.90	32.70 2.46 -3.80	28.41 2.24 -1.87	24.67 2.08 0.00	25.94 2.06 -1.30	25.19 2.08 0.00	27.68 2.35 0.00	33.17 2.77 -2.65	34.98 3.12 -3.21	35.79 3.39 -2.17	39.66 3.67 -3.54	43.25 3.80 -4.95	43.16 4.21 -2.67	48.04 4.41 -4.98	45.77 4.36 -0.65	50.08 4.84 0.00	56.59 5.61 0.00	64.39 6.54 0.00	58.91 5.55 0.00	50.13 4.39 0.00	45.35 3.67 0.00	42.00 3.57 -0.50	37.66 3.10 -0.85	34.67 2.72 -2.75
BROOME_2_LFGE 323671	29.94 0.27 0.00	26.63 0.19 0.00	24.50 0.19 0.00	22.75 0.16 0.00	22.76 0.18 0.00	23.39 0.28 0.00	25.52 0.20 0.00	27.80 0.06 0.00	28.68 0.03 0.00	30.39 0.15 0.00	32.78 0.32 0.00	34.95 0.45 0.00	36.68 0.40 0.00	39.11 0.47 0.00	41.45 0.69 0.00	45.64 0.41 0.00	51.85 0.87 0.00	57.97 0.12 0.00	53.90 0.53 0.00	46.10 0.36 0.00	42.06 0.37 0.00	38.24 0.53 0.22	33.89 0.41 0.22	28.99 0.32 0.54
BROOME___LFGE 323600	29.94 0.27 0.00	26.63 0.19 0.00	24.50 0.19 0.00	22.75 0.16 0.00	22.76 0.18 0.00	23.39 0.28 0.00	25.52 0.20 0.00	27.80 0.06 0.00	28.68 0.03 0.00	30.39 0.15 0.00	32.78 0.32 0.00	34.95 0.45 0.00	36.68 0.40 0.00	39.11 0.47 0.00	41.45 0.69 0.00	45.64 0.41 0.00	51.85 0.87 0.00	57.97 0.12 0.00	53.90 0.53 0.00	46.10 0.36 0.00	42.06 0.37 0.00	38.24 0.53 0.22	33.89 0.41 0.22	28.99 0.32 0.54
BROWNFLS_115KV_TB_3_5 80003	28.58 -1.10 0.00	25.57 -0.87 0.00	23.46 -0.85 0.00	21.71 -0.88 0.00	21.73 -0.86 0.00	22.30 -0.81 0.00	24.64 -0.68 0.00	26.69 -1.05 0.00	27.45 -1.20 0.00	29.03 -1.21 0.00	31.09 -1.36 0.00	33.12 -1.38 0.00	34.79 -1.49 0.00	37.02 -1.62 0.00	38.97 -1.79 0.00	43.25 -1.99 0.00	42.74 -2.75 5.49	55.02 -2.83 0.00	50.91 -2.45 0.00	43.95 -1.78 0.00	40.43 -1.25 0.00	37.02 -0.91 0.00	32.70 -1.01 0.00	28.24 -0.96 0.00
BROWNSV1_27_KV_LOAD 356125	32.50 2.82 0.00	28.61 2.17 0.00	26.28 1.97 0.00	24.44 1.85 0.00	24.39 1.81 0.00	24.96 1.85 0.00	27.45 2.13 0.00	30.29 2.55 0.00	31.58 2.92 0.00	33.38 3.14 0.00	35.80 3.34 0.00	37.85 3.35 0.00	40.02 3.74 0.00	42.59 3.94 0.00	44.79 4.04 0.00	49.85 4.61 0.00	56.29 5.30 0.00	63.81 5.96 0.00	58.48 5.12 0.00	49.90 4.16 0.00	45.06 3.38 0.00	41.47 3.03 -0.50	36.89 2.66 -0.52	32.79 2.34 -1.25
BURROWS___LYONSDAL 23803	29.83 0.15 0.00	26.60 0.16 0.00	24.43 0.12 0.00	22.61 0.02 0.00	22.61 0.02 0.00	23.25 0.14 0.00	25.65 0.33 0.00	27.77 0.03 0.00	28.65 0.00 0.00	30.33 0.09 0.00	32.49 0.03 0.00	34.61 0.10 0.00	36.50 0.22 0.00	38.92 0.27 0.00	41.04 0.29 0.00	45.51 0.27 0.00	49.85 0.41 1.54	58.55 0.69 0.00	54.11 0.75 0.00	46.61 0.87 0.00	42.60 0.92 0.00	38.76 0.83 0.00	34.18 0.47 0.00	29.53 0.32 0.00
CAITHNESS_CC_1 323624	34.49 2.91 -1.90	32.51 2.27 -3.80	28.24 2.07 -1.87	24.56 1.96 0.00	25.83 1.94 -1.30	25.07 1.96 0.00	27.55 2.23 0.00	32.94 2.55 -2.65	34.84 2.98 -3.21	35.58 3.17 -2.17	39.37 3.37 -3.54	42.90 3.45 -4.95	42.76 3.81 -2.67	43.00 3.79 -0.56	44.79 3.95 -0.08	49.72 4.48 -0.01	55.99 5.00 -0.01	63.93 6.07 -0.01	58.66 5.28 -0.01	50.00 4.25 -0.01	45.18 3.50 0.00	42.99 3.19 -1.87	38.79 2.83 -2.25	37.86 2.51 -6.14
CALPINE BETH_PAGE_GT4 24209	34.40 2.82 -1.90	32.49 2.25 -3.80	28.32 2.14 -1.87	24.58 1.99 0.00	25.87 1.99 -1.30	25.09 1.99 0.00	27.60 2.28 0.00	33.03 2.64 -2.65	34.75 2.89 -3.21	35.46 3.05 -2.17	39.14 3.15 -3.54	42.66 3.21 -4.95	42.51 3.56 -2.67	44.27 3.71 -1.91	44.76 3.75 -0.25	49.40 4.16 0.00	55.83 4.84 0.00	63.58 5.73 0.00	58.16 4.80 0.00	49.58 3.84 0.00	44.89 3.21 0.00	41.35 2.92 -0.50	37.19 2.63 -0.85	34.26 2.31 -2.75
CALPINE_BETH_PAGE_GT_4 323586	34.40 2.82 -1.90	32.49 2.25 -3.80	28.32 2.14 -1.87	24.58 1.99 0.00	25.87 1.99 -1.30	25.10 1.99 0.00	27.60 2.28 0.00	33.03 2.64 -2.65	34.75 2.89 -3.21	35.46 3.05 -2.17	39.14 3.15 -3.54	42.62 3.17 -4.95	42.51 3.56 -2.67	44.23 3.67 -1.91	44.72 3.71 -0.25	49.39 4.16 0.00	55.73 4.74 0.00	63.52 5.67 0.00	58.22 4.86 0.00	49.58 3.84 0.00	44.85 3.17 0.00	42.80 3.00 -1.87	38.59 2.63 -2.25	37.65 2.31 -6.14
CALPINE_BP_GT1 23823	34.40 2.82 -1.90	32.49 2.25 -3.80	28.32 2.14 -1.87	24.58 1.99 0.00	25.87 1.99 -1.30	25.10 1.99 0.00	27.60 2.28 0.00	33.03 2.64 -2.65	34.75 2.89 -3.21	35.46 3.05 -2.17	39.14 3.15 -3.54	42.62 3.17 -4.95	42.51 3.56 -2.67	44.23 3.67 -1.91	44.72 3.71 -0.25	49.39 4.16 0.00	55.73 4.74 0.00	63.52 5.67 0.00	58.22 4.86 0.00	49.58 3.84 0.00	44.85 3.17 0.00	42.80 3.00 -1.87	38.59 2.63 -2.25	37.65 2.31 -6.14
CALSPAN___DRP 24200	29.11 -0.56 0.00	25.76 -0.69 0.00	23.82 -0.49 0.00	22.09 -0.50 0.00	22.16 -0.43 0.00	22.85 -0.25 0.00	24.41 -0.91 0.00	26.83 -0.92 0.00	27.85 -0.80 0.00	29.63 -0.60 0.00	32.75 0.29 0.00	35.06 0.55 0.00	36.25 -0.04 0.00	38.96 0.31 0.00	41.33 0.57 0.00	44.79 -0.45 0.00	50.69 -0.31 -0.01	56.82 -1.04 -0.01	52.35 -1.01 0.00	44.55 -1.19 0.00	41.02 -0.67 0.00	37.93 0.00 0.00	33.92 0.20 0.00	29.53 0.32 0.00

CALVERTON___SOLAR 323806	34.58 3.00 -1.90	32.59 2.35 -3.80	28.32 2.14 -1.87	24.60 2.01 0.00	25.89 2.01 -1.30	25.12 2.01 0.00	27.60 2.28 0.00	33.03 2.64 -2.65	34.95 3.10 -3.21	35.70 3.30 -2.17	39.59 3.60 -3.54	43.14 3.69 -4.95	43.01 4.06 -2.67	43.31 4.09 -0.57	45.16 4.32 -0.08	50.09 4.84 -0.01	56.45 5.46 -0.01	64.45 6.59 -0.01	59.14 5.76 -0.01	50.36 4.62 -0.01	45.51 3.83 0.00	43.25 3.45 -1.87	39.00 3.04 -2.25	38.00 2.66 -6.14
CANDIGU_WT_PWR 323617	29.56 -0.12 0.00	26.26 -0.18 0.00	24.19 -0.12 0.00	22.46 -0.13 0.00	22.52 -0.07 0.00	23.20 0.09 0.00	25.07 -0.25 0.00	27.46 -0.28 0.00	28.34 -0.31 0.00	30.06 -0.18 0.00	32.78 0.32 0.00	35.05 0.55 0.00	36.61 0.33 0.00	39.00 0.35 0.00	41.49 0.73 0.00	45.19 -0.05 0.00	51.70 0.71 0.00	56.58 -1.27 0.00	53.15 -0.21 0.00	45.42 -0.32 0.00	41.68 0.00 0.00	38.42 0.49 0.00	34.18 0.47 0.00	29.62 0.41 0.00
CARR STREET_E_SYR 24060	29.38 -0.30 0.00	26.23 -0.21 0.00	24.12 -0.20 0.00	22.41 -0.18 0.00	22.43 -0.16 0.00	22.99 -0.11 0.00	25.12 -0.20 0.00	27.13 -0.61 0.00	27.97 -0.69 0.00	29.60 -0.64 0.00	31.93 -0.52 0.00	34.05 -0.45 0.00	35.66 -0.62 0.00	38.07 -0.58 0.00	40.31 -0.45 0.00	44.42 -0.81 0.00	50.23 -0.51 0.25	56.69 -1.16 0.00	52.51 -0.86 0.00	44.92 -0.82 0.00	40.97 -0.71 0.00	37.40 -0.53 0.00	33.27 -0.44 0.00	28.80 -0.41 0.00
CARTHAGE___PAPER 23857	29.00 -0.68 0.00	25.89 -0.56 0.00	23.78 -0.53 0.00	21.96 -0.63 0.00	21.98 -0.61 0.00	22.65 -0.46 0.00	25.04 -0.28 0.00	26.99 -0.75 0.00	27.76 -0.89 0.00	29.39 -0.85 0.00	31.45 -1.01 0.00	33.50 -1.00 0.00	35.23 -1.05 0.00	37.57 -1.08 0.00	39.58 -1.18 0.00	43.88 -1.36 0.00	46.90 -1.58 2.50	56.35 -1.50 0.00	52.35 -1.02 0.00	45.28 -0.46 0.00	41.56 -0.12 0.00	37.89 -0.04 0.00	33.34 -0.37 0.00	28.71 -0.50 0.00
CASSADAGA_WT_PWR 323784	29.86 0.18 0.00	26.39 -0.05 0.00	24.38 0.07 0.00	22.61 0.02 0.00	22.72 0.14 0.00	23.45 0.35 0.00	25.27 -0.05 0.00	28.16 0.42 0.00	29.03 0.37 0.00	30.93 0.70 0.00	34.14 1.69 0.00	36.65 2.14 0.00	38.17 1.89 0.00	40.81 2.16 0.00	43.45 2.69 0.00	46.86 1.63 0.00	53.69 2.70 -0.01	57.69 -0.17 -0.01	54.33 0.96 0.00	46.33 0.59 0.00	42.52 0.83 0.00	39.60 1.67 0.00	35.20 1.48 0.00	30.46 1.26 0.00
CE_DUNWOOD___DRP 24194	31.96 2.29 0.00	28.19 1.75 0.00	25.89 1.58 0.00	24.11 1.51 0.00	24.05 1.47 0.00	24.59 1.48 0.00	27.04 1.72 0.00	29.77 2.03 0.00	30.97 2.32 0.00	32.71 2.48 0.00	35.02 2.56 0.00	37.09 2.59 0.00	39.22 2.94 0.00	41.70 3.05 0.00	43.90 3.14 0.00	48.85 3.62 0.00	55.17 4.18 0.00	62.59 4.74 0.00	57.42 4.06 0.00	49.08 3.34 0.00	44.35 2.67 0.00	40.84 2.39 -0.52	36.33 2.09 -0.53	32.33 1.84 -1.28
CE_MILLWOOD___DRP 24193	31.87 2.20 0.00	28.14 1.69 0.00	25.84 1.53 0.00	24.06 1.47 0.00	24.01 1.42 0.00	24.54 1.43 0.00	26.97 1.65 0.00	29.68 1.94 0.00	30.89 2.23 0.00	32.59 2.36 0.00	34.92 2.47 0.00	36.99 2.48 0.00	39.11 2.83 0.00	41.58 2.94 0.00	43.78 3.02 0.00	48.67 3.44 0.00	55.01 4.03 0.00	62.48 4.63 0.00	57.31 3.95 0.00	48.94 3.20 0.00	44.27 2.58 0.00	40.78 2.31 -0.54	36.25 1.99 -0.55	32.30 1.75 -1.34
CE_NYC2_DRP 24202	32.27 2.58 -0.01	28.51 2.06 0.00	26.16 1.85 0.00	24.35 1.76 0.00	24.30 1.72 0.00	24.86 1.76 0.00	27.30 1.98 0.00	30.15 2.41 0.00	36.92 2.75 -5.51	36.92 2.93 -3.75	37.57 3.12 -2.00	37.61 3.11 0.00	39.73 3.45 0.00	42.32 3.67 0.00	44.39 3.63 0.00	49.09 3.85 -0.01	55.42 4.44 0.00	62.83 4.98 0.00	57.58 4.22 0.00	49.17 3.43 0.00	44.39 2.71 0.00	40.86 2.43 -0.50	36.35 2.12 -0.51	32.50 2.04 -1.25
CE_NYC_DRP 24195	32.23 2.55 0.00	28.37 1.93 0.00	26.06 1.75 0.00	24.26 1.67 0.00	24.21 1.63 0.00	24.77 1.66 0.00	27.22 1.90 0.00	30.04 2.30 0.00	31.32 2.66 0.00	33.11 2.87 0.00	35.47 3.02 0.00	37.50 3.00 0.00	39.65 3.37 0.00	42.20 3.56 0.00	44.35 3.59 0.00	49.35 4.12 0.00	55.73 4.74 0.00	63.17 5.32 0.00	57.90 4.54 0.00	49.44 3.70 0.00	44.60 2.92 0.00	41.09 2.66 -0.50	36.55 2.33 -0.52	32.50 2.04 -1.25
CHAFFEE___LFGE 323603	29.17 -0.50 0.00	25.81 -0.63 0.00	23.85 -0.46 0.00	22.14 -0.45 0.00	22.22 -0.36 0.00	22.90 -0.21 0.00	24.46 -0.86 0.00	27.13 -0.61 0.00	27.94 -0.72 0.00	29.72 -0.51 0.00	32.85 0.39 0.00	35.16 0.65 0.00	36.57 0.29 0.00	39.12 0.47 0.00	41.78 1.02 0.00	45.01 -0.23 0.00	51.65 0.66 -0.01	55.54 -2.32 -0.01	52.51 -0.86 0.00	44.78 -0.96 0.00	41.19 -0.50 0.00	38.24 0.30 0.00	34.05 0.34 0.00	29.59 0.38 0.00
CHATEAUG_35_KV_LOAD 355732	29.71 0.03 0.00	26.63 0.19 0.00	24.41 0.10 0.00	22.61 0.02 0.00	22.63 0.05 0.00	23.11 0.00 0.00	25.47 0.15 0.00	27.57 -0.17 0.00	28.31 -0.34 0.00	29.87 -0.36 0.00	32.06 -0.39 0.00	34.09 -0.41 0.00	35.70 -0.58 0.00	37.99 -0.66 0.00	39.94 -0.82 0.00	44.29 -0.95 0.00	47.83 -1.94 1.22	55.94 -1.91 0.00	51.60 -1.76 0.00	44.69 -1.05 0.00	41.64 -0.04 0.00	37.89 -0.04 0.00	33.64 -0.07 0.00	29.12 -0.09 0.00
CHATEAUG_WT_PWR 323614	30.48 0.80 0.00	27.34 0.90 0.00	25.04 0.73 0.00	23.20 0.61 0.00	23.22 0.63 0.00	23.73 0.62 0.00	26.16 0.83 0.00	28.02 0.28 0.00	28.77 0.12 0.00	30.36 0.12 0.00	32.65 0.20 0.00	34.71 0.21 0.00	36.35 0.07 0.00	38.76 0.12 0.00	40.60 -0.16 0.00	44.92 -0.31 0.00	48.64 -1.68 0.66	56.35 -1.50 0.00	51.87 -1.49 0.00	45.28 -0.46 0.00	42.85 1.17 0.00	38.88 0.95 0.00	34.52 0.81 0.00	29.85 0.64 0.00
CHAT_HIGH_FALL_HYD 323578	29.71 0.03 0.00	26.63 0.19 0.00	24.41 0.10 0.00	22.61 0.02 0.00	22.63 0.05 0.00	23.11 0.00 0.00	25.47 0.15 0.00	27.57 -0.17 0.00	28.31 -0.34 0.00	29.87 -0.36 0.00	32.06 -0.39 0.00	34.09 -0.41 0.00	35.70 -0.58 0.00	37.99 -0.66 0.00	39.94 -0.82 0.00	44.29 -0.95 0.00	47.83 -1.94 1.22	55.94 -1.91 0.00	51.60 -1.76 0.00	44.69 -1.05 0.00	41.64 -0.04 0.00	37.89 -0.04 0.00	33.64 -0.07 0.00	29.12 -0.09 0.00
CHAUTAUQUA___LFGE 323629	29.56 -0.12 0.00	26.15 -0.29 0.00	24.17 -0.14 0.00	22.43 -0.16 0.00	22.52 -0.07 0.00	23.22 0.12 0.00	24.94 -0.38 0.00	27.69 -0.06 0.00	28.54 -0.11 0.00	30.39 0.15 0.00	33.52 1.07 0.00	35.92 1.42 0.00	37.37 1.09 0.00	39.96 1.31 0.00	42.60 1.84 0.00	45.96 0.72 0.00	52.67 1.68 -0.01	56.76 -1.10 -0.01	53.53 0.16 0.00	45.65 -0.09 0.00	41.94 0.25 0.00	38.96 1.02 0.00	34.66 0.94 0.00	30.06 0.85 0.00
CHERRYST_13_KV_LD 356241	32.35 2.67 0.00	28.48 2.04 0.00	26.16 1.85 0.00	24.35 1.76 0.00	24.30 1.72 0.00	24.86 1.76 0.00	27.35 2.03 0.00	30.18 2.44 0.00	31.46 2.81 0.00	33.26 3.02 0.00	35.67 3.21 0.00	37.71 3.21 0.00	39.87 3.59 0.00	42.43 3.79 0.00	44.59 3.83 0.00	49.62 4.39 0.00	56.03 5.05 0.00	63.52 5.67 0.00	58.16 4.80 0.00	49.62 3.89 0.00	44.81 3.13 0.00	41.24 2.81 -0.50	36.69 2.46 -0.52	32.61 2.16 -1.25

CHESTROR_138KV_BK263 355645	31.43 1.75 0.00	27.79 1.35 0.00	25.55 1.24 0.00	23.77 1.17 0.00	23.74 1.15 0.00	24.24 1.13 0.00	26.64 1.32 0.00	29.24 1.50 0.00	30.40 1.75 0.00	32.08 1.84 0.00	34.37 1.91 0.00	36.44 1.93 0.00	38.49 2.21 0.00	40.97 2.32 0.00	43.12 2.36 0.00	48.00 2.76 0.00	54.25 3.26 0.00	61.55 3.70 0.00	56.51 3.15 0.00	48.34 2.61 0.00	43.77 2.08 0.00	45.71 1.74 -6.04	41.35 1.45 -6.19	45.47 1.29 -14.98
CH_MIDHUDSON___DRP 24192	31.75 2.08 0.00	28.06 1.61 0.00	25.79 1.48 0.00	23.99 1.40 0.00	23.96 1.38 0.00	24.45 1.34 0.00	26.87 1.54 0.00	29.52 1.78 0.00	30.66 2.01 0.00	32.35 2.12 0.00	34.66 2.21 0.00	36.71 2.21 0.00	38.86 2.58 0.00	41.39 2.74 0.00	43.65 2.89 0.00	48.58 3.35 0.00	54.91 3.93 0.00	62.36 4.51 0.00	57.20 3.84 0.00	48.89 3.16 0.00	44.22 2.54 0.00	40.65 2.24 -0.49	36.10 1.89 -0.50	32.08 1.66 -1.21
CH_MISC_IPPS 23765	31.93 2.25 0.00	28.22 1.77 0.00	25.91 1.60 0.00	24.13 1.54 0.00	24.07 1.49 0.00	24.56 1.46 0.00	27.02 1.70 0.00	29.63 1.89 0.00	30.83 2.18 0.00	32.50 2.27 0.00	34.85 2.40 0.00	36.95 2.45 0.00	39.11 2.83 0.00	41.70 3.05 0.00	43.98 3.22 0.00	48.99 3.75 0.00	55.32 4.33 0.00	62.88 5.03 0.00	57.63 4.27 0.00	49.26 3.52 0.00	44.52 2.84 0.00	42.31 2.54 -1.83	37.68 2.09 -1.88	35.57 1.81 -4.55
CH_RES_BVR_FALLS 23983	29.29 -0.39 0.00	26.15 -0.29 0.00	24.02 -0.29 0.00	22.30 -0.29 0.00	22.29 -0.29 0.00	22.78 -0.32 0.00	24.99 -0.33 0.00	27.30 -0.44 0.00	28.14 -0.51 0.00	29.72 -0.51 0.00	31.90 -0.55 0.00	33.92 -0.59 0.00	35.59 -0.69 0.00	37.91 -0.74 0.00	39.94 -0.81 0.00	44.33 -0.90 0.00	50.11 -1.27 -0.39	56.58 -1.27 0.00	52.08 -1.28 0.00	44.69 -1.05 0.00	40.80 -0.88 0.00	37.13 -0.80 0.00	33.00 -0.71 0.00	28.59 -0.61 0.00
CH_RES_NIAGARA 23895	28.02 -1.66 0.00	24.83 -1.61 0.00	22.97 -1.34 0.00	21.33 -1.27 0.00	21.39 -1.20 0.00	22.02 -1.09 0.00	23.40 -1.92 0.00	25.25 -2.47 0.02	26.22 -2.41 0.02	27.88 -2.33 0.02	30.90 -1.53 0.02	33.03 -1.45 0.02	34.12 -2.14 0.02	36.65 -1.97 0.02	38.94 -1.79 0.02	42.09 -3.12 0.02	47.56 -3.26 0.16	53.49 -4.34 0.03	49.28 -4.06 0.02	41.92 -3.80 0.02	38.66 -3.00 0.02	35.78 -2.12 0.02	32.00 -1.69 0.02	27.93 -1.26 0.02
CH_RES_SYRACUSE 23985	29.59 -0.09 0.00	26.42 -0.03 0.00	24.29 -0.02 0.00	22.55 -0.05 0.00	22.56 -0.02 0.00	23.13 0.02 0.00	25.30 -0.03 0.00	27.30 -0.44 0.00	28.11 -0.55 0.00	29.75 -0.48 0.00	32.06 -0.39 0.00	34.23 -0.28 0.00	35.92 -0.36 0.00	38.34 -0.31 0.00	40.60 -0.16 0.00	44.78 -0.45 0.00	50.66 -0.10 0.22	57.16 -0.69 0.00	52.93 -0.43 0.00	45.28 -0.46 0.00	41.35 -0.33 0.00	37.70 -0.23 0.00	33.48 -0.23 0.00	28.94 -0.26 0.00
CLINTON_WT_PWR 323605	30.48 0.80 0.00	27.34 0.90 0.00	25.04 0.73 0.00	23.20 0.61 0.00	23.22 0.63 0.00	23.73 0.62 0.00	26.16 0.83 0.00	28.02 0.28 0.00	28.77 0.12 0.00	30.36 0.12 0.00	32.65 0.20 0.00	34.71 0.21 0.00	36.35 0.07 0.00	38.76 0.12 0.00	40.60 -0.16 0.00	44.92 -0.31 0.00	48.64 -1.68 0.66	56.35 -1.50 0.00	51.87 -1.49 0.00	45.28 -0.46 0.00	42.85 1.17 0.00	38.88 0.95 0.00	34.52 0.81 0.00	29.85 0.64 0.00
CLINTON___LFGE 323618	30.39 0.71 0.00	27.29 0.85 0.00	24.99 0.68 0.00	23.13 0.54 0.00	23.15 0.56 0.00	23.66 0.55 0.00	26.11 0.79 0.00	28.05 0.31 0.00	28.77 0.12 0.00	30.33 0.09 0.00	32.62 0.16 0.00	34.68 0.17 0.00	36.32 0.04 0.00	38.72 0.08 0.00	40.60 -0.16 0.00	44.97 -0.27 0.00	48.65 -1.58 0.75	56.46 -1.39 0.00	51.97 -1.39 0.00	45.28 -0.46 0.00	42.85 1.17 0.00	38.84 0.91 0.00	34.49 0.78 0.00	29.82 0.61 0.00
COBBLENY_34_KV_TB1 80064	29.17 -0.50 0.00	25.81 -0.63 0.00	23.85 -0.46 0.00	22.14 -0.45 0.00	22.20 -0.38 0.00	22.90 -0.21 0.00	24.46 -0.86 0.00	26.94 -0.80 0.00	27.94 -0.72 0.00	29.72 -0.51 0.00	32.85 0.39 0.00	35.16 0.66 0.00	36.43 0.15 0.00	39.11 0.46 0.00	41.50 0.73 0.00	45.01 -0.23 0.00	50.99 0.00 -0.01	57.11 -0.75 -0.01	52.57 -0.80 0.00	44.78 -0.96 0.00	41.18 -0.50 0.00	38.09 0.15 0.00	34.02 0.30 0.00	29.59 0.38 0.00
COFFEEN___115KV_TB3 355620	29.26 -0.42 0.00	26.13 -0.32 0.00	23.99 -0.32 0.00	22.14 -0.45 0.00	22.13 -0.45 0.00	22.85 -0.25 0.00	25.30 -0.03 0.00	27.13 -0.61 0.00	27.91 -0.74 0.00	29.63 -0.60 0.00	31.71 -0.75 0.00	33.81 -0.69 0.00	35.55 -0.73 0.00	37.91 -0.73 0.00	39.90 -0.86 0.00	44.24 -1.00 0.00	47.83 -1.07 2.09	56.98 -0.87 0.00	52.99 -0.37 0.00	45.97 0.23 0.00	42.22 0.54 0.00	38.46 0.53 0.00	33.75 0.03 0.00	29.06 -0.15 0.00
COLDSPRG_115KV_BK1 355956	29.83 0.15 0.00	26.36 -0.08 0.00	24.36 0.05 0.00	22.61 0.02 0.00	22.67 0.09 0.00	23.48 0.37 0.00	25.37 0.05 0.00	28.05 0.31 0.00	29.09 0.43 0.00	31.18 0.94 0.00	34.43 1.98 0.00	36.92 2.42 0.00	38.35 2.07 0.00	41.08 2.43 0.00	43.41 2.65 0.00	47.14 1.90 0.00	53.34 2.35 -0.01	59.65 1.79 -0.01	54.75 1.39 0.00	46.65 0.91 0.00	42.85 1.17 0.00	39.68 1.74 0.00	35.40 1.69 0.00	30.67 1.46 0.00
COLONIE_LFGE___ 323577	31.07 1.40 0.00	27.58 1.14 0.00	25.36 1.04 0.00	23.58 0.99 0.00	23.55 0.97 0.00	24.08 0.97 0.00	26.38 1.06 0.00	28.88 1.14 0.00	29.88 1.23 0.00	31.41 1.18 0.00	33.56 1.10 0.00	35.68 1.17 0.00	37.69 1.41 0.00	40.12 1.47 0.00	42.31 1.55 0.00	47.22 1.99 0.00	53.33 2.35 0.00	60.80 2.95 0.00	56.30 2.93 0.00	48.25 2.51 0.00	43.85 2.17 0.00	40.51 1.86 -0.72	35.97 1.52 -0.74	32.31 1.32 -1.79
COOPERNY_115KV_TB1 80082	30.92 1.25 0.00	27.42 0.98 0.00	25.19 0.88 0.00	23.43 0.84 0.00	23.40 0.81 0.00	23.94 0.83 0.00	26.28 0.96 0.00	28.79 1.05 0.00	29.91 1.26 0.00	31.57 1.33 0.00	33.85 1.40 0.00	35.92 1.41 0.00	37.88 1.60 0.00	40.35 1.70 0.00	42.51 1.75 0.00	47.23 1.99 0.00	53.33 2.35 0.00	60.51 2.66 0.00	55.66 2.29 0.00	47.66 1.92 0.00	43.22 1.54 0.00	38.80 1.21 0.34	34.37 1.01 0.35	29.27 0.91 0.84
COPENHAGEN_WT_PWR 323753	29.08 -0.59 0.00	25.97 -0.48 0.00	23.85 -0.46 0.00	22.05 -0.54 0.00	22.07 -0.52 0.00	22.74 -0.37 0.00	25.12 -0.20 0.00	26.99 -0.75 0.00	27.76 -0.89 0.00	29.45 -0.79 0.00	31.54 -0.91 0.00	33.61 -0.90 0.00	35.37 -0.91 0.00	37.72 -0.93 0.00	39.78 -0.98 0.00	44.02 -1.22 0.00	47.74 -1.27 1.98	56.46 -1.39 0.00	52.51 -0.86 0.00	45.42 -0.32 0.00	41.68 0.00 0.00	38.01 0.08 0.00	33.41 -0.30 0.00	28.80 -0.41 0.00
CORNELL_____ 23752	30.33 0.65 0.00	27.03 0.58 0.00	24.85 0.53 0.00	23.04 0.45 0.00	23.06 0.47 0.00	23.71 0.60 0.00	25.95 0.63 0.00	28.13 0.39 0.00	28.97 0.32 0.00	30.63 0.39 0.00	33.00 0.55 0.00	35.19 0.69 0.00	36.93 0.65 0.00	39.50 0.85 0.00	41.78 1.02 0.00	46.14 0.90 0.00	52.27 1.43 0.15	59.41 1.56 0.00	54.96 1.60 0.00	47.06 1.33 0.00	43.02 1.33 0.00	39.22 1.29 0.00	34.76 1.05 0.00	30.00 0.79 0.00

CORONA V_69_KV_TB1 355595	34.61 3.03 -1.90	32.62 2.38 -3.80	28.34 2.16 -1.87	24.60 2.01 0.00	25.87 1.99 -1.30	25.12 2.01 0.00	27.60 2.28 0.00	33.03 2.64 -2.65	34.84 2.98 -3.21	35.61 3.20 -2.17	39.37 3.38 -3.54	42.87 3.42 -4.95	42.80 3.85 -2.67	45.04 3.94 -2.45	45.24 4.16 -0.32	49.71 4.48 0.00	56.29 5.30 0.00	64.04 6.19 0.00	58.65 5.28 0.00	49.94 4.21 0.00	45.18 3.50 0.00	41.77 3.34 -0.50	37.56 3.00 -0.85	34.59 2.63 -2.75
CORTLAND_115KV_TB3 80093	30.15 0.47 0.00	26.87 0.42 0.00	24.70 0.39 0.00	22.93 0.34 0.00	22.92 0.34 0.00	23.57 0.46 0.00	25.80 0.48 0.00	27.93 0.19 0.00	28.82 0.17 0.00	30.48 0.24 0.00	32.84 0.39 0.00	34.99 0.48 0.00	36.75 0.47 0.00	39.27 0.62 0.00	41.49 0.73 0.00	45.87 0.63 0.00	51.81 1.02 0.20	58.89 1.04 0.00	54.43 1.07 0.00	46.61 0.87 0.00	42.56 0.88 0.00	38.80 0.87 0.00	34.42 0.71 0.00	29.73 0.53 0.00
COXSACKIE__GT 23611	31.78 2.11 0.00	28.19 1.74 0.00	25.94 1.63 0.00	24.13 1.54 0.00	24.10 1.51 0.00	24.54 1.43 0.00	26.92 1.60 0.00	29.27 1.52 0.00	30.14 1.49 0.00	31.41 1.18 0.00	33.56 1.10 0.00	35.71 1.21 0.00	37.87 1.59 0.00	40.50 1.85 0.00	42.96 2.20 0.00	48.00 2.76 0.00	54.40 3.42 0.00	62.02 4.17 0.00	57.74 4.38 0.00	49.53 3.79 0.00	44.97 3.29 0.00	41.72 2.88 -0.90	36.80 2.16 -0.93	33.20 1.75 -2.24
CPV_VALLEY__CC1 323721	31.16 1.48 0.00	27.58 1.14 0.00	25.36 1.04 0.00	23.58 0.99 0.00	23.55 0.97 0.00	24.08 0.97 0.00	26.46 1.14 0.00	29.02 1.28 0.00	30.17 1.52 0.00	31.84 1.60 0.00	34.11 1.65 0.00	36.13 1.62 0.00	38.17 1.89 0.00	40.62 1.97 0.00	42.76 2.00 0.00	47.59 2.35 0.00	53.69 2.70 0.00	60.97 3.12 0.00	56.03 2.67 0.00	47.93 2.20 0.00	43.39 1.71 0.00	37.82 1.52 1.63	33.32 1.28 1.67	26.33 1.17 4.04
CPV_VALLEY__CC2 323722	31.16 1.48 0.00	27.58 1.14 0.00	25.36 1.04 0.00	23.58 0.99 0.00	23.55 0.97 0.00	24.08 0.97 0.00	26.46 1.14 0.00	29.02 1.28 0.00	30.17 1.52 0.00	31.84 1.60 0.00	34.11 1.65 0.00	36.13 1.62 0.00	38.17 1.89 0.00	40.62 1.97 0.00	42.76 2.00 0.00	47.59 2.35 0.00	53.69 2.70 0.00	60.97 3.12 0.00	56.03 2.67 0.00	47.93 2.20 0.00	43.39 1.71 0.00	37.82 1.52 1.63	33.32 1.28 1.67	26.33 1.17 4.04
CRESCENT__HYD 24018	31.07 1.40 0.00	27.58 1.14 0.00	25.36 1.04 0.00	23.58 0.99 0.00	23.55 0.97 0.00	24.08 0.97 0.00	26.38 1.06 0.00	28.88 1.14 0.00	29.88 1.23 0.00	31.41 1.18 0.00	33.56 1.10 0.00	35.68 1.17 0.00	37.69 1.41 0.00	40.12 1.47 0.00	42.31 1.55 0.00	47.22 1.99 0.00	53.33 2.35 0.00	60.80 2.95 0.00	56.30 2.93 0.00	48.25 2.51 0.00	43.85 2.17 0.00	40.51 1.86 -0.72	35.97 1.52 -0.74	32.31 1.32 -1.79
CRICKET__VALLEY_CC1 323756	31.40 1.72 0.00	27.77 1.32 0.00	25.53 1.22 0.00	23.79 1.20 0.00	23.74 1.15 0.00	24.22 1.11 0.00	26.59 1.27 0.00	29.15 1.41 0.00	30.26 1.60 0.00	31.84 1.60 0.00	34.07 1.62 0.00	36.13 1.62 0.00	38.20 1.92 0.00	40.66 2.01 0.00	42.80 2.04 0.00	47.72 2.49 0.00	53.84 2.85 0.00	61.26 3.41 0.00	56.40 3.04 0.00	48.25 2.51 0.00	43.68 2.00 0.00	41.19 1.78 -1.48	36.71 1.48 -1.51	34.21 1.34 -3.66
CRICKET__VALLEY_CC2 323757	31.40 1.72 0.00	27.77 1.32 0.00	25.53 1.22 0.00	23.79 1.20 0.00	23.74 1.15 0.00	24.22 1.11 0.00	26.59 1.27 0.00	29.15 1.41 0.00	30.26 1.60 0.00	31.84 1.60 0.00	34.07 1.62 0.00	36.13 1.62 0.00	38.20 1.92 0.00	40.66 2.01 0.00	42.80 2.04 0.00	47.72 2.49 0.00	53.84 2.85 0.00	61.26 3.41 0.00	56.40 3.04 0.00	48.25 2.51 0.00	43.68 2.00 0.00	41.19 1.78 -1.48	36.71 1.48 -1.51	34.21 1.34 -3.66
CRICKET__VALLEY_CC3 323758	31.40 1.72 0.00	27.77 1.32 0.00	25.53 1.22 0.00	23.79 1.20 0.00	23.74 1.15 0.00	24.22 1.11 0.00	26.59 1.27 0.00	29.15 1.41 0.00	30.26 1.60 0.00	31.84 1.60 0.00	34.07 1.62 0.00	36.13 1.62 0.00	38.20 1.92 0.00	40.66 2.01 0.00	42.80 2.04 0.00	47.72 2.49 0.00	53.84 2.85 0.00	61.26 3.41 0.00	56.40 3.04 0.00	48.25 2.51 0.00	43.68 2.00 0.00	41.19 1.78 -1.48	36.71 1.48 -1.51	34.21 1.34 -3.66
CRUCIBLE_METL_DRP 24180	29.59 -0.09 0.00	26.42 -0.03 0.00	24.29 -0.02 0.00	22.55 -0.05 0.00	22.56 -0.02 0.00	23.13 0.02 0.00	25.30 -0.03 0.00	27.24 -0.50 0.00	28.11 -0.54 0.00	29.75 -0.48 0.00	32.10 -0.36 0.00	34.23 -0.28 0.00	35.88 -0.40 0.00	38.38 -0.27 0.00	40.56 -0.20 0.00	44.78 -0.45 0.00	50.51 -0.25 0.22	57.33 -0.52 0.00	52.94 -0.43 0.00	45.28 -0.46 0.00	41.35 -0.33 0.00	37.66 -0.27 0.00	33.48 -0.24 0.00	28.95 -0.26 0.00
DAHOWA__HYDRO 323763	31.78 2.11 0.00	28.24 1.80 0.00	25.91 1.60 0.00	24.11 1.51 0.00	24.05 1.47 0.00	24.61 1.50 0.00	26.97 1.64 0.00	29.63 1.89 0.00	30.66 2.01 0.00	32.26 2.03 0.00	34.33 1.88 0.00	36.64 2.14 0.00	38.67 2.39 0.00	41.00 2.36 0.00	43.29 2.53 0.00	48.40 3.17 0.00	54.81 3.83 0.00	62.71 4.86 0.00	58.49 5.12 0.00	50.13 4.39 0.00	45.81 4.13 0.00	42.14 3.53 -0.69	37.28 2.86 -0.70	33.33 2.42 -1.70
DANC__LFGE 323619	29.11 -0.56 0.00	25.99 -0.45 0.00	23.90 -0.41 0.00	22.14 -0.45 0.00	22.13 -0.45 0.00	22.76 -0.35 0.00	25.04 -0.28 0.00	26.93 -0.81 0.00	27.73 -0.92 0.00	29.39 -0.85 0.00	31.51 -0.94 0.00	33.57 -0.93 0.00	35.26 -1.02 0.00	37.64 -1.01 0.00	39.74 -1.02 0.00	43.92 -1.31 0.00	48.39 -1.22 1.37	56.35 -1.50 0.00	52.30 -1.07 0.00	45.05 -0.68 0.00	41.26 -0.42 0.00	37.70 -0.23 0.00	33.24 -0.47 0.00	28.68 -0.52 0.00
DANSKAMMER__1 23586	31.93 2.25 0.00	28.22 1.77 0.00	25.91 1.60 0.00	24.13 1.54 0.00	24.07 1.49 0.00	24.56 1.46 0.00	27.02 1.70 0.00	29.63 1.89 0.00	30.83 2.18 0.00	32.50 2.27 0.00	34.85 2.40 0.00	36.95 2.45 0.00	39.11 2.83 0.00	41.70 3.05 0.00	43.98 3.22 0.00	48.99 3.75 0.00	55.32 4.33 0.00	62.88 5.03 0.00	57.63 4.27 0.00	49.26 3.52 0.00	44.52 2.84 0.00	42.31 2.54 -1.83	37.68 2.09 -1.88	35.57 1.81 -4.55
DANSKAMMER__2 23589	31.93 2.25 0.00	28.22 1.77 0.00	25.91 1.60 0.00	24.13 1.54 0.00	24.07 1.49 0.00	24.56 1.46 0.00	27.02 1.70 0.00	29.63 1.89 0.00	30.83 2.18 0.00	32.50 2.27 0.00	34.85 2.40 0.00	36.95 2.45 0.00	39.11 2.83 0.00	41.70 3.05 0.00	43.98 3.22 0.00	48.99 3.75 0.00	55.32 4.33 0.00	62.88 5.03 0.00	57.63 4.27 0.00	49.26 3.52 0.00	44.52 2.84 0.00	42.31 2.54 -1.83	37.68 2.09 -1.88	35.57 1.81 -4.55
DANSKAMMER__3 23590	31.93 2.25 0.00	28.22 1.77 0.00	25.91 1.60 0.00	24.13 1.54 0.00	24.07 1.49 0.00	24.56 1.46 0.00	27.02 1.70 0.00	29.63 1.89 0.00	30.83 2.18 0.00	32.50 2.27 0.00	34.85 2.40 0.00	36.95 2.45 0.00	39.11 2.83 0.00	41.70 3.05 0.00	43.98 3.22 0.00	48.99 3.75 0.00	55.32 4.33 0.00	62.88 5.03 0.00	57.63 4.27 0.00	49.26 3.52 0.00	44.52 2.84 0.00	42.31 2.54 -1.83	37.68 2.09 -1.88	35.57 1.81 -4.55

DANSKAMMER___4 23591	31.93 2.25 0.00	28.22 1.77 0.00	25.91 1.60 0.00	24.13 1.54 0.00	24.07 1.49 0.00	24.56 1.46 0.00	27.02 1.70 0.00	29.63 1.89 0.00	30.83 2.18 0.00	32.50 2.27 0.00	34.85 2.40 0.00	36.95 2.45 0.00	39.11 2.83 0.00	41.70 3.05 0.00	43.98 3.22 0.00	48.99 3.75 0.00	55.32 4.33 0.00	62.88 5.03 0.00	57.63 4.27 0.00	49.26 3.52 0.00	44.52 2.84 0.00	42.31 2.54 -1.83	37.68 2.09 -1.88	35.57 1.81 -4.55
DANSKAMMER___DIESEL 23592	31.93 2.26 0.00	28.22 1.77 0.00	25.91 1.60 0.00	24.13 1.54 0.00	24.07 1.49 0.00	24.56 1.46 0.00	27.02 1.70 0.00	29.65 1.91 0.00	30.83 2.18 0.00	32.53 2.30 0.00	34.85 2.40 0.00	36.95 2.45 0.00	39.11 2.83 0.00	41.74 3.09 0.00	44.02 3.26 0.00	48.99 3.75 0.00	55.37 4.38 0.00	62.94 5.09 0.00	57.63 4.27 0.00	49.26 3.52 0.00	44.52 2.83 0.00	41.03 2.50 -0.60	36.42 2.09 -0.62	32.51 1.81 -1.49
DARBY___SOLAR 323810	31.64 1.96 0.00	28.11 1.67 0.00	25.79 1.48 0.00	23.99 1.40 0.00	23.96 1.38 0.00	24.52 1.41 0.00	26.87 1.54 0.00	29.49 1.75 0.00	30.54 1.89 0.00	32.14 1.91 0.00	34.24 1.78 0.00	36.50 2.00 0.00	38.53 2.25 0.00	40.89 2.24 0.00	43.16 2.40 0.00	48.22 2.98 0.00	54.55 3.57 0.00	62.42 4.57 0.00	58.11 4.75 0.00	49.81 4.07 0.00	45.43 3.75 0.00	41.84 3.22 -0.69	37.05 2.63 -0.71	33.14 2.22 -1.72
DASHVILLE___HYD 23610	31.73 2.05 0.00	28.00 1.56 0.00	25.74 1.43 0.00	23.97 1.38 0.00	23.89 1.31 0.00	24.38 1.27 0.00	26.79 1.47 0.00	29.40 1.66 0.00	30.54 1.89 0.00	32.26 2.03 0.00	34.59 2.14 0.00	36.64 2.14 0.00	38.75 2.47 0.00	41.31 2.67 0.00	43.57 2.81 0.00	48.45 3.21 0.00	54.76 3.77 0.00	62.13 4.28 0.00	56.94 3.58 0.00	48.66 2.93 0.00	43.97 2.29 0.00	40.57 2.24 -0.40	36.01 1.89 -0.41	31.85 1.64 -1.00
DEERFIELD_69_KV_DEERFIELD LD 355887	35.20 3.62 -1.90	33.18 2.94 -3.80	28.90 2.72 -1.87	25.14 2.55 0.00	26.46 2.57 -1.30	25.67 2.56 0.00	28.18 2.86 0.00	33.69 3.30 -2.65	35.78 3.93 -3.21	36.73 4.32 -2.17	40.89 4.90 -3.54	44.63 5.18 -4.95	44.61 5.66 -2.67	45.05 5.84 -0.57	47.00 6.15 -0.08	52.03 6.79 -0.01	58.74 7.75 -0.01	66.94 9.08 -0.01	61.22 7.84 -0.01	51.97 6.22 -0.01	46.93 5.25 0.00	43.18 4.74 -0.50	38.57 4.01 -0.85	35.46 3.50 -2.75
DELAWARE___LFGE 323621	30.78 1.10 0.00	27.34 0.90 0.00	25.14 0.83 0.00	23.31 0.72 0.00	23.31 0.72 0.00	23.92 0.81 0.00	26.28 0.96 0.00	28.68 0.94 0.00	29.68 1.03 0.00	31.38 1.15 0.00	33.69 1.23 0.00	35.81 1.31 0.00	37.77 1.49 0.00	40.27 1.62 0.00	42.47 1.71 0.00	47.14 1.90 0.00	53.28 2.29 0.00	60.45 2.60 0.00	55.82 2.45 0.00	47.89 2.15 0.00	43.56 1.88 0.00	39.56 1.63 0.00	35.03 1.31 0.00	30.32 1.11 0.00
DERFIELD_115KV_TB7 355931	29.91 0.24 0.00	26.63 0.19 0.00	24.48 0.17 0.00	22.75 0.16 0.00	22.74 0.16 0.00	23.27 0.16 0.00	25.50 0.18 0.00	27.85 0.11 0.00	28.80 0.14 0.00	30.39 0.15 0.00	32.61 0.16 0.00	34.68 0.17 0.00	36.50 0.22 0.00	38.92 0.27 0.00	41.04 0.29 0.00	45.55 0.32 0.00	51.26 0.46 0.19	58.31 0.46 0.00	53.84 0.48 0.00	46.15 0.41 0.00	41.97 0.29 0.00	38.20 0.27 0.00	33.91 0.20 0.00	29.35 0.15 0.00
DOGLEVILLE___HYD 23807	29.94 0.27 0.00	26.65 0.21 0.00	24.50 0.19 0.00	22.73 0.14 0.00	22.72 0.14 0.00	23.29 0.18 0.00	25.55 0.23 0.00	27.82 0.08 0.00	28.77 0.12 0.00	30.42 0.18 0.00	32.62 0.16 0.00	34.71 0.21 0.00	36.61 0.33 0.00	38.99 0.35 0.00	41.13 0.37 0.00	45.69 0.45 0.00	51.41 0.61 0.19	58.60 0.75 0.00	54.05 0.69 0.00	46.33 0.59 0.00	42.14 0.46 0.00	38.39 0.46 0.00	33.98 0.27 0.00	29.41 0.21 0.00
DUNKIRK___115KV_TB_200 55889	29.50 -0.18 0.00	26.10 -0.34 0.00	24.12 -0.19 0.00	22.39 -0.20 0.00	22.45 -0.14 0.00	23.18 0.07 0.00	24.87 -0.46 0.00	27.41 -0.33 0.00	28.46 -0.20 0.00	30.30 0.06 0.00	33.43 0.97 0.00	35.78 1.28 0.00	37.08 0.80 0.00	39.81 1.16 0.00	42.19 1.43 0.00	45.83 0.59 0.00	51.86 0.87 -0.01	58.03 0.17 -0.01	53.42 0.05 0.00	45.56 -0.18 0.00	41.81 0.13 0.00	38.73 0.80 0.00	34.56 0.84 0.00	29.97 0.76 0.00
DUNKIRK___1 23563	29.50 -0.18 0.00	26.10 -0.34 0.00	24.12 -0.19 0.00	22.39 -0.20 0.00	22.45 -0.14 0.00	23.18 0.07 0.00	24.87 -0.46 0.00	27.41 -0.33 0.00	28.46 -0.20 0.00	30.30 0.06 0.00	33.43 0.97 0.00	35.78 1.28 0.00	37.08 0.80 0.00	39.81 1.16 0.00	42.19 1.43 0.00	45.83 0.59 0.00	51.86 0.87 -0.01	58.03 0.17 -0.01	53.42 0.05 0.00	45.56 -0.18 0.00	41.81 0.13 0.00	38.73 0.80 0.00	34.56 0.84 0.00	29.97 0.76 0.00
DUNKIRK___2 23564	29.50 -0.18 0.00	26.10 -0.34 0.00	24.12 -0.19 0.00	22.39 -0.20 0.00	22.45 -0.14 0.00	23.18 0.07 0.00	24.87 -0.46 0.00	27.41 -0.33 0.00	28.46 -0.20 0.00	30.30 0.06 0.00	33.43 0.97 0.00	35.78 1.28 0.00	37.08 0.80 0.00	39.81 1.16 0.00	42.19 1.43 0.00	45.83 0.59 0.00	51.86 0.87 -0.01	58.03 0.17 -0.01	53.42 0.05 0.00	45.56 -0.18 0.00	41.81 0.13 0.00	38.73 0.80 0.00	34.56 0.84 0.00	29.97 0.76 0.00
DUNKIRK___3 23565	29.29 -0.39 0.00	25.94 -0.50 0.00	23.97 -0.34 0.00	22.25 -0.34 0.00	22.31 -0.27 0.00	23.02 -0.09 0.00	24.66 -0.66 0.00	27.13 -0.61 0.00	28.20 -0.46 0.00	30.00 -0.24 0.00	33.07 0.62 0.00	35.40 0.90 0.00	36.68 0.40 0.00	39.38 0.73 0.00	41.74 0.98 0.00	45.33 0.09 0.00	51.30 0.31 -0.01	57.45 -0.40 -0.01	52.94 -0.43 0.00	45.10 -0.64 0.00	41.43 -0.25 0.00	38.35 0.42 0.00	34.22 0.51 0.00	29.70 0.50 0.00
DUNKIRK___4 23566	29.29 -0.39 0.00	25.94 -0.50 0.00	23.97 -0.34 0.00	22.25 -0.34 0.00	22.31 -0.27 0.00	23.02 -0.09 0.00	24.66 -0.66 0.00	27.13 -0.61 0.00	28.20 -0.46 0.00	30.00 -0.24 0.00	33.07 0.62 0.00	35.40 0.90 0.00	36.68 0.40 0.00	39.38 0.73 0.00	41.74 0.98 0.00	45.33 0.09 0.00	51.30 0.31 -0.01	57.45 -0.40 -0.01	52.94 -0.43 0.00	45.10 -0.64 0.00	41.43 -0.25 0.00	38.35 0.42 0.00	34.22 0.51 0.00	29.70 0.50 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.05 2.37 0.00	28.27 1.82 0.00	25.96 1.65 0.00	24.17 1.58 0.00	24.12 1.54 0.00	24.66 1.55 0.00	27.12 1.80 0.00	29.85 2.11 0.00	31.09 2.44 0.00	32.81 2.57 0.00	35.15 2.69 0.00	37.23 2.73 0.00	39.33 3.05 0.00	41.85 3.21 0.00	44.06 3.30 0.00	48.99 3.75 0.00	55.37 4.38 0.00	62.83 4.98 0.00	57.63 4.27 0.00	49.21 3.48 0.00	44.47 2.79 0.00	40.94 2.50 -0.50	36.42 2.19 -0.51	32.38 1.93 -1.24
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.67 1.99 0.00	27.98 1.53 0.00	25.72 1.41 0.00	23.92 1.33 0.00	23.89 1.31 0.00	24.40 1.29 0.00	26.81 1.49 0.00	29.43 1.69 0.00	30.60 1.95 0.00	32.29 2.06 0.00	34.59 2.14 0.00	36.68 2.17 0.00	38.78 2.50 0.00	41.31 2.67 0.00	43.53 2.77 0.00	48.45 3.21 0.00	54.76 3.77 0.00	62.19 4.34 0.00	56.99 3.63 0.00	48.76 3.02 0.00	44.10 2.42 0.00	40.95 2.16 -0.86	36.41 1.82 -0.88	32.94 1.61 -2.13

E179THST_138_KV_TB4_REV_LBMP_J 345001	32.12 2.43 -0.01	28.51 2.06 0.00	26.18 1.87 0.00	24.35 1.76 0.00	24.30 1.72 0.00	24.84 1.73 0.00	27.25 1.92 0.00	30.04 2.30 0.00	31.25 2.61 0.01	33.04 2.81 0.01	35.40 2.95 0.01	37.44 2.93 0.00	39.55 3.27 0.00	42.11 3.48 0.02	44.18 3.42 0.00	48.82 3.57 -0.01	55.27 4.28 0.00	62.65 4.80 0.00	57.52 4.16 0.00	49.12 3.38 0.00	44.18 2.50 0.00	40.75 2.31 -0.50	36.22 1.99 -0.51	32.38 1.93 -1.25
E179THST_13_KV_LOAD 356214	32.33 2.64 -0.01	28.66 2.22 0.00	26.30 1.99 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.96 1.85 0.00	27.40 2.08 0.00	30.21 2.47 0.00	31.45 2.81 0.01	33.25 3.02 0.01	35.62 3.18 0.01	37.68 3.17 0.00	39.80 3.52 0.00	42.38 3.75 0.02	44.47 3.71 0.00	49.18 3.94 -0.01	55.62 4.64 0.00	63.06 5.21 0.00	57.95 4.59 0.00	49.49 3.75 0.00	44.47 2.79 0.00	40.97 2.54 -0.50	36.45 2.22 -0.51	32.59 2.13 -1.25
EAST HAMPTON___GT 23717	35.50 3.92 -1.90	33.47 3.22 -3.80	29.21 3.04 -1.87	25.46 2.87 0.00	26.82 2.93 -1.30	26.00 2.89 0.00	28.54 3.22 0.00	34.11 3.72 -2.65	36.30 4.44 -3.21	37.33 4.93 -2.17	41.67 5.68 -3.54	45.49 6.04 -4.95	45.52 6.57 -2.67	45.98 6.76 -0.57	47.97 7.13 -0.08	53.07 7.83 -0.01	59.82 8.82 -0.01	68.10 10.24 -0.01	62.33 8.96 -0.01	52.84 7.09 -0.01	47.64 5.96 0.00	45.22 5.42 -1.87	40.55 4.58 -2.25	39.35 4.00 -6.14
EAST RIVER___6 23660	32.29 2.61 0.00	28.43 1.98 0.00	26.08 1.77 0.00	24.29 1.70 0.00	24.23 1.65 0.00	24.79 1.69 0.00	27.24 1.92 0.00	30.07 2.33 0.00	31.40 2.75 0.00	33.20 2.96 0.00	35.60 3.15 0.00	37.64 3.14 0.00	39.76 3.48 0.00	42.32 3.67 0.00	44.47 3.71 0.00	49.58 4.34 0.00	55.83 4.85 0.00	63.35 5.50 0.00	58.06 4.70 0.00	49.53 3.79 0.00	44.64 2.96 0.00	42.56 2.77 -1.87	38.02 2.39 -1.92	35.97 2.13 -4.63
EAST RIVER___7 23524	32.29 2.61 0.00	28.43 1.98 0.00	26.08 1.77 0.00	24.29 1.70 0.00	24.23 1.65 0.00	24.79 1.69 0.00	27.24 1.92 0.00	30.07 2.33 0.00	31.40 2.75 0.00	33.20 2.96 0.00	35.60 3.15 0.00	37.64 3.14 0.00	39.76 3.48 0.00	42.32 3.67 0.00	44.47 3.71 0.00	49.58 4.34 0.00	55.83 4.85 0.00	63.35 5.50 0.00	58.06 4.70 0.00	49.53 3.79 0.00	44.64 2.96 0.00	42.56 2.77 -1.87	38.02 2.39 -1.92	35.97 2.13 -4.63
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.96 2.29 0.00	28.19 1.75 0.00	25.89 1.58 0.00	24.11 1.51 0.00	24.05 1.47 0.00	24.59 1.48 0.00	27.04 1.72 0.00	29.77 2.03 0.00	30.97 2.32 0.00	32.71 2.48 0.00	35.02 2.56 0.00	37.09 2.59 0.00	39.22 2.94 0.00	41.70 3.05 0.00	43.90 3.14 0.00	48.85 3.62 0.00	55.17 4.18 0.00	62.59 4.74 0.00	57.42 4.06 0.00	49.08 3.34 0.00	44.35 2.67 0.00	40.84 2.39 -0.52	36.33 2.09 -0.53	32.33 1.84 -1.28
EAST_HAMPTON___DIESEL 23722	35.47 3.89 -1.90	33.47 3.22 -3.80	29.21 3.04 -1.87	25.46 2.87 0.00	26.82 2.93 -1.30	26.00 2.89 0.00	28.54 3.22 0.00	34.11 3.72 -2.65	36.30 4.44 -3.21	37.33 4.93 -2.17	41.70 5.71 -3.54	45.53 6.07 -4.95	45.55 6.60 -2.67	46.02 6.80 -0.57	47.97 7.13 -0.08	53.07 7.83 -0.01	59.82 8.82 -0.01	68.10 10.24 -0.01	62.33 8.96 -0.01	52.79 7.04 -0.01	47.64 5.96 0.00	45.22 5.42 -1.87	40.55 4.58 -2.25	39.32 3.97 -6.14
EAST_POINT___SOLAR 323840	32.50 2.82 0.00	28.96 2.51 0.00	26.52 2.21 0.00	24.65 2.06 0.00	24.62 2.03 0.00	25.21 2.10 0.00	27.65 2.33 0.00	29.35 1.61 0.00	29.86 1.20 0.00	31.32 1.09 0.00	33.49 1.04 0.00	35.78 1.28 0.00	37.62 1.34 0.00	40.08 1.43 0.00	42.39 1.63 0.00	47.32 2.08 0.00	54.15 3.16 0.00	63.41 5.55 0.00	60.14 6.78 0.00	51.96 6.22 0.00	47.35 5.67 0.00	43.44 5.05 -0.46	38.23 4.04 -0.48	33.69 3.33 -1.15
EAST_PULASKI___ESR 323781	29.17 -0.50 0.00	26.05 -0.40 0.00	23.95 -0.36 0.00	22.23 -0.36 0.00	22.25 -0.34 0.00	22.83 -0.28 0.00	25.02 -0.30 0.00	26.91 -0.83 0.00	27.68 -0.97 0.00	29.33 -0.91 0.00	31.51 -0.94 0.00	33.54 -0.97 0.00	35.26 -1.02 0.00	37.61 -1.04 0.00	39.78 -0.98 0.00	43.92 -1.31 0.00	49.11 -1.12 0.75	56.23 -1.62 0.00	52.14 -1.23 0.00	44.77 -0.96 0.00	40.93 -0.75 0.00	37.40 -0.53 0.00	33.07 -0.64 0.00	28.59 -0.61 0.00
EAST_RIVER___1 323558	32.23 2.55 0.00	28.37 1.93 0.00	26.06 1.75 0.00	24.26 1.67 0.00	24.21 1.63 0.00	24.77 1.66 0.00	27.22 1.90 0.00	30.04 2.30 0.00	31.32 2.67 0.00	33.11 2.87 0.00	35.47 3.02 0.00	37.50 3.00 0.00	39.62 3.34 0.00	42.16 3.52 0.00	44.30 3.54 0.00	49.35 4.12 0.00	55.62 4.64 0.00	63.17 5.32 0.00	57.90 4.53 0.00	49.44 3.70 0.00	44.60 2.92 0.00	42.45 2.65 -1.87	37.95 2.32 -1.92	35.88 2.04 -4.63
EAST_RIVER___2 323559	32.29 2.61 0.00	28.43 1.98 0.00	26.08 1.77 0.00	24.29 1.70 0.00	24.23 1.65 0.00	24.79 1.69 0.00	27.24 1.92 0.00	30.07 2.33 0.00	31.40 2.75 0.00	33.20 2.96 0.00	35.60 3.15 0.00	37.64 3.14 0.00	39.76 3.48 0.00	42.32 3.67 0.00	44.47 3.71 0.00	49.58 4.34 0.00	55.83 4.85 0.00	63.35 5.50 0.00	58.06 4.70 0.00	49.53 3.79 0.00	44.64 2.96 0.00	42.56 2.77 -1.87	38.02 2.39 -1.92	35.97 2.13 -4.63
EAST___DELAWARE_HYD 23607	30.92 1.25 0.00	27.32 0.87 0.00	25.09 0.78 0.00	23.34 0.74 0.00	23.28 0.70 0.00	23.78 0.67 0.00	26.18 0.86 0.00	28.68 0.94 0.00	29.83 1.18 0.00	31.48 1.24 0.00	33.72 1.26 0.00	35.71 1.21 0.00	37.80 1.52 0.00	40.31 1.66 0.00	42.51 1.75 0.00	47.41 2.17 0.00	53.53 2.55 0.00	60.92 3.06 0.00	55.92 2.56 0.00	47.84 2.11 0.00	43.22 1.54 0.00	39.75 1.29 -0.53	35.20 0.94 -0.54	31.34 0.82 -1.32
EIGHT_POINT___WT_PWR 323820	29.94 0.27 0.00	26.60 0.16 0.00	24.53 0.22 0.00	22.77 0.18 0.00	22.83 0.25 0.00	23.52 0.42 0.00	25.40 0.08 0.00	27.82 0.08 0.00	28.83 0.17 0.00	30.54 0.30 0.00	33.36 0.91 0.00	35.68 1.17 0.00	37.30 1.01 0.00	39.69 1.04 0.00	42.27 1.51 0.00	46.01 0.77 0.00	52.72 1.73 0.00	57.68 -0.17 0.00	54.27 0.91 0.00	46.33 0.59 0.00	42.56 0.88 0.00	39.26 1.33 0.00	34.82 1.11 0.00	30.17 0.96 0.00
ELBRIDGE_115KV_TB2 80188	29.47 -0.21 0.00	26.31 -0.13 0.00	24.19 -0.12 0.00	22.48 -0.11 0.00	22.47 -0.11 0.00	23.06 -0.05 0.00	25.19 -0.13 0.00	27.13 -0.61 0.00	27.99 -0.66 0.00	29.63 -0.60 0.00	31.93 -0.52 0.00	34.05 -0.45 0.00	35.70 -0.58 0.00	38.18 -0.46 0.00	40.35 -0.41 0.00	44.56 -0.68 0.00	50.27 -0.51 0.20	57.04 -0.81 0.00	52.67 -0.69 0.00	45.05 -0.69 0.00	41.14 -0.54 0.00	37.51 -0.42 0.00	33.31 -0.40 0.00	28.83 -0.38 0.00
ELEC_TRO_TEK 24086	34.34 2.76 -1.90	32.41 2.17 -3.80	28.15 1.97 -1.87	24.44 1.85 0.00	25.71 1.83 -1.30	24.96 1.85 0.00	27.42 2.10 0.00	32.86 2.47 -2.65	34.64 2.78 -3.21	35.37 2.96 -2.17	39.14 3.15 -3.54	42.63 3.17 -4.95	42.51 3.56 -2.67	45.04 3.67 -2.73	44.86 3.75 -0.36	49.40 4.16 0.00	55.83 4.84 0.00	63.52 5.67 0.00	58.16 4.80 0.00	49.58 3.84 0.00	44.85 3.17 0.00	41.35 2.92 -0.50	37.19 2.63 -0.85	34.26 2.31 -2.75

ELLENBURG_WT_PWR 323604	30.48 0.80 0.00	27.34 0.90 0.00	25.04 0.73 0.00	23.20 0.61 0.00	23.22 0.63 0.00	23.73 0.62 0.00	26.16 0.83 0.00	28.02 0.28 0.00	28.77 0.12 0.00	30.36 0.12 0.00	32.65 0.20 0.00	34.71 0.21 0.00	36.35 0.07 0.00	38.76 0.12 0.00	40.60 -0.16 0.00	44.92 -0.31 0.00	48.64 -1.68 0.66	56.35 -1.50 0.00	51.87 -1.49 0.00	45.28 -0.46 0.00	42.85 1.17 0.00	38.88 0.95 0.00	34.52 0.81 0.00	29.85 0.64 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.94 -0.74 0.00	25.62 -0.82 0.00	23.70 -0.61 0.00	21.98 -0.61 0.00	22.04 -0.54 0.00	22.74 -0.37 0.00	24.26 -1.06 0.00	26.69 -1.05 0.00	27.74 -0.92 0.00	29.48 -0.76 0.00	32.62 0.16 0.00	34.88 0.38 0.00	36.06 -0.22 0.00	38.73 0.08 0.00	41.13 0.37 0.00	44.56 -0.68 0.00	50.43 -0.56 -0.01	56.53 -1.33 -0.01	52.03 -1.33 0.00	44.32 -1.42 0.00	40.77 -0.92 0.00	37.74 -0.19 0.00	33.75 0.03 0.00	29.38 0.18 0.00
EMPIRE_CC_1 323656	30.60 0.92 0.00	27.13 0.69 0.00	25.09 0.78 0.00	23.34 0.74 0.00	23.31 0.72 0.00	23.80 0.69 0.00	26.03 0.71 0.00	28.40 0.66 0.00	29.37 0.72 0.00	30.87 0.64 0.00	33.00 0.55 0.00	35.05 0.55 0.00	37.04 0.76 0.00	39.42 0.77 0.00	41.62 0.86 0.00	46.32 1.08 0.00	52.31 1.32 0.00	59.59 1.73 0.00	55.02 1.66 0.00	47.16 1.42 0.00	42.81 1.13 0.00	39.76 0.95 -0.88	35.39 0.78 -0.90	32.08 0.70 -2.17
EMPIRE_CC_2 323658	30.60 0.92 0.00	27.13 0.69 0.00	25.09 0.78 0.00	23.34 0.74 0.00	23.31 0.72 0.00	23.80 0.69 0.00	26.03 0.71 0.00	28.40 0.66 0.00	29.37 0.72 0.00	30.87 0.64 0.00	33.00 0.55 0.00	35.05 0.55 0.00	37.04 0.76 0.00	39.42 0.77 0.00	41.62 0.86 0.00	46.32 1.08 0.00	52.31 1.32 0.00	59.59 1.73 0.00	55.02 1.66 0.00	47.16 1.42 0.00	42.81 1.13 0.00	39.76 0.95 -0.88	35.39 0.78 -0.90	32.08 0.70 -2.17
ENORWICH_115KV_TB1 80156	31.81 2.14 0.00	28.35 1.90 0.00	26.04 1.73 0.00	23.99 1.40 0.00	24.01 1.42 0.00	24.84 1.73 0.00	27.47 2.15 0.00	30.40 2.66 0.00	31.15 2.49 0.00	32.99 2.75 0.00	35.21 2.76 0.00	37.64 3.14 0.00	39.84 3.56 0.00	42.59 3.94 0.00	45.12 4.36 0.00	49.94 4.70 0.00	57.05 6.07 0.00	65.37 7.52 0.00	60.67 7.31 0.00	52.37 6.63 0.00	47.98 6.29 0.00	43.47 5.54 0.00	38.06 4.35 0.00	32.68 3.48 0.00
ERIE_ST_34_KV_TB1-2 80199	29.17 -0.50 0.00	25.81 -0.63 0.00	23.85 -0.46 0.00	22.12 -0.47 0.00	22.18 -0.41 0.00	22.90 -0.21 0.00	24.51 -0.81 0.00	26.91 -0.83 0.00	27.97 -0.69 0.00	29.75 -0.48 0.00	32.88 0.42 0.00	35.20 0.69 0.00	36.46 0.18 0.00	39.19 0.54 0.00	41.54 0.77 0.00	45.10 -0.14 0.00	51.04 0.05 -0.01	57.22 -0.64 -0.01	52.67 -0.69 0.00	44.87 -0.87 0.00	41.18 -0.50 0.00	38.09 0.15 0.00	34.02 0.30 0.00	29.59 0.38 0.00
ERIE_WT_PWR 323693	29.11 -0.56 0.00	25.78 -0.66 0.00	23.85 -0.46 0.00	22.12 -0.48 0.00	22.20 -0.38 0.00	22.88 -0.23 0.00	24.43 -0.89 0.00	27.05 -0.69 0.00	27.88 -0.77 0.00	29.66 -0.58 0.00	32.75 0.29 0.00	35.09 0.59 0.00	36.47 0.18 0.00	39.00 0.35 0.00	41.66 0.90 0.00	44.83 -0.41 0.00	51.45 0.46 -0.01	55.37 -2.49 -0.01	52.35 -1.02 0.00	44.60 -1.14 0.00	41.06 -0.62 0.00	38.12 0.19 0.00	33.98 0.27 0.00	29.56 0.35 0.00
ESPRGFLD_115KV_TB1 80157	31.64 1.96 0.00	28.16 1.72 0.00	25.82 1.51 0.00	23.95 1.36 0.00	23.96 1.38 0.00	24.61 1.50 0.00	27.27 1.95 0.00	29.52 1.78 0.00	30.40 1.75 0.00	32.11 1.87 0.00	34.40 1.95 0.00	36.71 2.21 0.00	38.57 2.29 0.00	41.12 2.47 0.00	43.45 2.69 0.00	48.27 3.03 0.00	54.81 3.82 0.00	62.77 4.92 0.00	58.38 5.02 0.00	50.17 4.44 0.00	45.72 4.04 0.00	41.53 3.60 0.00	36.61 2.90 0.00	31.54 2.34 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.30 0.62 0.00	27.00 0.56 0.00	24.80 0.49 0.00	23.02 0.43 0.00	23.04 0.45 0.00	23.69 0.58 0.00	25.93 0.61 0.00	28.10 0.36 0.00	28.94 0.29 0.00	30.60 0.36 0.00	32.94 0.49 0.00	35.12 0.62 0.00	36.86 0.58 0.00	39.42 0.77 0.00	41.70 0.94 0.00	46.05 0.81 0.00	52.16 1.33 0.15	59.30 1.45 0.00	54.80 1.44 0.00	46.97 1.23 0.00	42.93 1.25 0.00	39.11 1.18 0.00	34.69 0.98 0.00	29.94 0.73 0.00
ETNA____115KV_TB2 80207	30.30 0.62 0.00	27.00 0.56 0.00	24.80 0.49 0.00	23.02 0.43 0.00	23.04 0.45 0.00	23.69 0.58 0.00	25.93 0.61 0.00	28.10 0.36 0.00	28.94 0.29 0.00	30.60 0.36 0.00	32.94 0.49 0.00	35.12 0.62 0.00	36.86 0.58 0.00	39.42 0.77 0.00	41.70 0.94 0.00	46.05 0.81 0.00	52.16 1.33 0.15	59.30 1.45 0.00	54.80 1.44 0.00	46.97 1.23 0.00	42.93 1.25 0.00	39.11 1.18 0.00	34.69 0.98 0.00	29.94 0.73 0.00
EUCLID____115KV_TB2 356179	29.26 -0.42 0.00	26.10 -0.34 0.00	24.02 -0.29 0.00	22.32 -0.27 0.00	22.31 -0.27 0.00	22.88 -0.23 0.00	24.99 -0.33 0.00	26.94 -0.80 0.00	27.79 -0.86 0.00	29.42 -0.82 0.00	31.74 -0.71 0.00	33.85 -0.66 0.00	35.48 -0.80 0.00	37.91 -0.73 0.00	40.07 -0.69 0.00	44.24 -1.00 0.00	49.87 -0.87 0.25	56.64 -1.21 0.00	52.29 -1.07 0.00	44.73 -1.01 0.00	40.81 -0.88 0.00	37.21 -0.72 0.00	33.07 -0.64 0.00	28.62 -0.58 0.00
E_CANADA_CAP_HY 24051	32.20 2.52 0.00	28.69 2.25 0.00	26.30 1.99 0.00	24.42 1.83 0.00	24.41 1.83 0.00	25.05 1.94 0.00	27.75 2.43 0.00	29.85 2.11 0.00	30.63 1.98 0.00	32.17 1.94 0.00	34.43 1.98 0.00	36.78 2.28 0.00	38.57 2.29 0.00	41.08 2.44 0.00	43.45 2.69 0.00	48.40 3.17 0.00	55.17 4.18 0.00	63.52 5.67 0.00	59.60 6.24 0.00	51.31 5.58 0.00	46.76 5.08 0.00	42.90 4.59 -0.38	37.81 3.71 -0.39	33.16 3.01 -0.94
E_CANADA_MHWK_HY 24050	29.94 0.27 0.00	26.65 0.21 0.00	24.50 0.19 0.00	22.73 0.14 0.00	22.72 0.14 0.00	23.29 0.18 0.00	25.55 0.23 0.00	27.82 0.08 0.00	28.77 0.12 0.00	30.42 0.18 0.00	32.62 0.16 0.00	34.71 0.21 0.00	36.61 0.33 0.00	38.99 0.35 0.00	41.13 0.37 0.00	45.69 0.45 0.00	51.41 0.61 0.19	58.60 0.75 0.00	54.05 0.69 0.00	46.33 0.59 0.00	42.14 0.46 0.00	38.39 0.46 0.00	33.98 0.27 0.00	29.41 0.21 0.00
E_FISHKILL____LBMP 23776	31.64 1.96 0.00	27.95 1.51 0.00	25.67 1.36 0.00	23.90 1.31 0.00	23.87 1.29 0.00	24.38 1.27 0.00	26.79 1.47 0.00	29.43 1.69 0.00	30.60 1.95 0.00	32.26 2.03 0.00	34.56 2.11 0.00	36.61 2.10 0.00	38.71 2.43 0.00	41.20 2.55 0.00	43.37 2.61 0.00	48.27 3.03 0.00	54.55 3.57 0.00	61.90 4.05 0.00	56.83 3.47 0.00	48.62 2.88 0.00	43.97 2.29 0.00	40.34 2.05 -0.36	35.83 1.75 -0.37	31.67 1.58 -0.89
FALCON____SEABRD_CC1 323796	30.51 0.83 0.00	27.37 0.93 0.00	25.09 0.78 0.00	23.22 0.63 0.00	23.24 0.66 0.00	23.75 0.65 0.00	26.21 0.89 0.00	28.02 0.28 0.00	28.77 0.12 0.00	30.36 0.12 0.00	32.62 0.16 0.00	34.71 0.21 0.00	36.32 0.04 0.00	38.72 0.08 0.00	40.60 -0.16 0.00	44.97 -0.27 0.00	48.54 -1.79 0.66	56.23 -1.62 0.00	51.76 -1.60 0.00	45.28 -0.46 0.00	42.93 1.25 0.00	38.95 1.02 0.00	34.59 0.88 0.00	29.91 0.70 0.00

FALCON___SEABRD_CC2 323797	30.51 0.83 0.00	27.37 0.93 0.00	25.09 0.78 0.00	23.22 0.63 0.00	23.24 0.66 0.00	23.75 0.65 0.00	26.21 0.89 0.00	28.02 0.28 0.00	28.77 0.12 0.00	30.36 0.12 0.00	32.62 0.16 0.00	34.71 0.21 0.00	36.32 0.04 0.00	38.72 0.08 0.00	40.60 -0.16 0.00	44.97 -0.27 0.00	48.54 -1.79 0.66	56.23 -1.62 0.00	51.76 -1.60 0.00	45.28 -0.46 0.00	42.93 1.25 0.00	38.95 1.02 0.00	34.59 0.88 0.00	29.91 0.70 0.00
FAR ROCKAWAY___4 23548	34.88 3.29 -1.90	32.88 2.64 -3.80	28.56 2.38 -1.87	24.78 2.19 0.00	26.08 2.19 -1.30	25.30 2.20 0.00	27.80 2.48 0.00	33.25 2.86 -2.65	35.10 3.24 -3.21	35.91 3.51 -2.17	39.76 3.76 -3.54	43.32 3.86 -4.95	43.27 4.32 -2.67	45.12 4.44 -2.03	45.71 4.69 -0.26	50.03 4.79 0.00	56.64 5.66 0.00	64.45 6.60 0.00	58.97 5.60 0.00	50.22 4.48 0.00	45.43 3.75 0.00	42.23 3.79 -0.50	37.93 3.37 -0.85	34.91 2.95 -2.75
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.23 2.55 0.00	28.40 1.96 0.00	26.09 1.77 0.00	24.26 1.67 0.00	24.21 1.63 0.00	24.77 1.66 0.00	27.25 1.92 0.00	30.07 2.33 0.00	31.32 2.66 0.00	33.11 2.87 0.00	35.47 3.02 0.00	37.50 3.00 0.00	39.65 3.37 0.00	42.20 3.56 0.00	44.39 3.63 0.00	49.35 4.12 0.00	55.73 4.74 0.00	63.23 5.38 0.00	57.90 4.54 0.00	49.44 3.70 0.00	44.64 2.96 0.00	41.09 2.66 -0.50	36.55 2.33 -0.52	32.53 2.07 -1.25
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.26 2.58 0.00	28.40 1.96 0.00	26.09 1.77 0.00	24.29 1.69 0.00	24.23 1.65 0.00	24.77 1.66 0.00	27.25 1.92 0.00	30.07 2.33 0.00	31.32 2.66 0.00	33.11 2.87 0.00	35.47 3.02 0.00	37.50 3.00 0.00	39.65 3.37 0.00	42.20 3.56 0.00	44.39 3.63 0.00	49.40 4.16 0.00	55.73 4.74 0.00	63.23 5.38 0.00	57.90 4.54 0.00	49.44 3.70 0.00	44.64 2.96 0.00	41.09 2.66 -0.50	36.55 2.33 -0.52	32.53 2.07 -1.25
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.23 2.55 0.00	28.37 1.93 0.00	26.06 1.75 0.00	24.26 1.67 0.00	24.21 1.63 0.00	24.77 1.66 0.00	27.25 1.92 0.00	30.04 2.30 0.00	31.32 2.66 0.00	33.11 2.87 0.00	35.47 3.02 0.00	37.50 3.00 0.00	39.65 3.37 0.00	42.16 3.52 0.00	44.35 3.59 0.00	49.35 4.12 0.00	55.68 4.69 0.00	63.17 5.32 0.00	57.84 4.48 0.00	49.40 3.66 0.00	44.60 2.92 0.00	41.05 2.62 -0.50	36.52 2.29 -0.52	32.50 2.04 -1.25
FARRAGUT___LBMP 323566	32.20 2.52 0.00	28.35 1.90 0.00	26.04 1.73 0.00	24.24 1.65 0.00	24.19 1.60 0.00	24.75 1.64 0.00	27.22 1.90 0.00	30.02 2.27 0.00	31.29 2.64 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.44 2.93 0.00	39.58 3.30 0.00	42.13 3.48 0.00	44.26 3.51 0.00	49.26 4.03 0.00	55.62 4.64 0.00	63.12 5.26 0.00	57.79 4.43 0.00	49.35 3.61 0.00	44.56 2.88 0.00	41.01 2.58 -0.50	36.49 2.26 -0.52	32.47 2.02 -1.25
FENNER___WINDPWR 24204	30.24 0.56 0.00	26.94 0.50 0.00	24.77 0.46 0.00	22.95 0.36 0.00	22.97 0.38 0.00	23.59 0.49 0.00	25.93 0.61 0.00	28.10 0.36 0.00	28.94 0.29 0.00	30.66 0.42 0.00	32.94 0.49 0.00	35.09 0.59 0.00	36.97 0.69 0.00	39.46 0.81 0.00	41.70 0.94 0.00	46.14 0.90 0.00	51.97 1.32 0.34	59.07 1.22 0.00	54.75 1.39 0.00	46.97 1.24 0.00	42.89 1.21 0.00	39.03 1.10 0.00	34.56 0.84 0.00	29.85 0.64 0.00
FIBERTEK___ENERGY 23856	29.59 -0.09 0.00	26.42 -0.03 0.00	24.29 -0.02 0.00	22.55 -0.05 0.00	22.56 -0.02 0.00	23.13 0.02 0.00	25.30 -0.03 0.00	27.24 -0.50 0.00	28.11 -0.54 0.00	29.75 -0.48 0.00	32.10 -0.36 0.00	34.23 -0.28 0.00	35.88 -0.40 0.00	38.38 -0.27 0.00	40.56 -0.20 0.00	44.78 -0.45 0.00	50.51 -0.25 0.22	57.33 -0.52 0.00	52.94 -0.43 0.00	45.28 -0.46 0.00	41.35 -0.33 0.00	37.66 -0.27 0.00	33.48 -0.24 0.00	28.95 -0.26 0.00
FITZPATRICK____ 23598	28.79 -0.89 0.00	25.73 -0.71 0.00	23.68 -0.63 0.00	22.00 -0.59 0.00	22.00 -0.59 0.00	22.55 -0.55 0.00	24.64 -0.68 0.00	26.49 -1.25 0.00	27.31 -1.35 0.00	28.88 -1.36 0.00	31.12 -1.33 0.00	33.16 -1.35 0.00	34.79 -1.49 0.00	37.14 -1.51 0.00	39.29 -1.47 0.00	43.34 -1.90 0.00	49.15 -1.83 0.00	55.37 -2.49 0.00	51.23 -2.14 0.00	43.82 -1.92 0.00	40.01 -1.67 0.00	36.53 -1.40 0.00	32.40 -1.32 0.00	28.07 -1.14 0.00
FLOWRFLD_69_KV_BK1 356044	34.67 3.09 -1.90	32.67 2.43 -3.80	28.39 2.21 -1.87	24.67 2.08 0.00	25.94 2.06 -1.30	25.19 2.08 0.00	27.68 2.35 0.00	33.14 2.75 -2.65	35.01 3.15 -3.21	35.76 3.36 -2.17	39.59 3.60 -3.54	43.11 3.66 -4.95	43.01 4.06 -2.67	43.34 4.10 -0.60	45.17 4.32 -0.09	50.09 4.84 -0.02	56.35 5.35 -0.02	64.29 6.42 -0.02	58.88 5.50 -0.02	50.33 4.57 -0.02	45.47 3.79 0.00	41.85 3.41 -0.50	37.63 3.07 -0.85	34.67 2.72 -2.75
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.99 2.31 0.00	28.27 1.82 0.00	25.96 1.65 0.00	24.17 1.58 0.00	24.12 1.54 0.00	24.61 1.50 0.00	27.04 1.72 0.00	29.71 1.97 0.00	30.89 2.23 0.00	32.59 2.36 0.00	34.92 2.47 0.00	37.02 2.52 0.00	39.22 2.94 0.00	41.82 3.17 0.00	44.14 3.38 0.00	49.13 3.89 0.00	55.57 4.59 0.00	63.12 5.26 0.00	57.79 4.43 0.00	49.40 3.66 0.00	44.64 2.96 0.00	41.07 2.58 -0.56	36.44 2.16 -0.57	32.47 1.87 -1.39
FORT ORANGE____ 23900	30.66 0.98 0.00	27.21 0.77 0.00	25.04 0.73 0.00	23.27 0.68 0.00	23.26 0.68 0.00	23.75 0.65 0.00	26.03 0.71 0.00	28.43 0.69 0.00	29.40 0.74 0.00	30.66 0.42 0.00	32.78 0.32 0.00	34.85 0.34 0.00	36.83 0.55 0.00	39.23 0.58 0.00	41.41 0.65 0.00	46.14 0.90 0.00	52.11 1.12 0.00	59.41 1.56 0.00	54.91 1.55 0.00	47.06 1.33 0.00	42.76 1.08 0.00	39.59 0.91 -0.75	35.15 0.67 -0.77	31.65 0.58 -1.85
FORT_DRUM_COGEN 23780	29.05 -0.62 0.00	25.94 -0.50 0.00	23.82 -0.49 0.00	22.00 -0.59 0.00	22.02 -0.56 0.00	22.69 -0.42 0.00	25.09 -0.23 0.00	26.99 -0.75 0.00	27.76 -0.89 0.00	29.45 -0.79 0.00	31.51 -0.94 0.00	33.64 -0.86 0.00	35.37 -0.91 0.00	37.72 -0.93 0.00	39.74 -1.02 0.00	44.01 -1.22 0.00	47.34 -1.43 2.22	56.52 -1.33 0.00	52.51 -0.85 0.00	45.46 -0.27 0.00	41.72 0.04 0.00	38.04 0.11 0.00	33.41 -0.30 0.00	28.77 -0.44 0.00
FOX_HILLS___ESR 323835	32.32 2.58 -0.06	28.56 2.12 0.00	26.23 1.92 0.00	24.44 1.85 0.00	24.37 1.78 0.00	24.89 1.78 0.00	27.27 1.95 0.00	30.10 2.36 0.00	41.81 2.72 -10.43	36.86 2.87 -3.75	37.51 3.05 -2.00	37.50 3.00 0.00	39.73 3.45 0.00	42.32 3.67 0.00	44.47 3.71 0.00	68.81 4.03 -19.55	55.62 4.64 0.00	63.06 5.21 0.00	57.84 4.48 0.00	49.35 3.61 0.00	44.52 2.83 0.00	40.94 2.50 -0.50	36.35 2.12 -0.51	32.60 2.13 -1.26
FPL FAR_ROCK_GT1 24212	34.87 3.29 -1.90	32.88 2.64 -3.80	28.56 2.38 -1.87	24.78 2.19 0.00	26.08 2.19 -1.30	25.30 2.20 0.00	27.80 2.48 0.00	33.25 2.86 -2.65	35.09 3.24 -3.21	35.88 3.48 -2.17	39.79 3.80 -3.54	43.31 3.86 -4.95	43.23 4.28 -2.67	45.04 4.37 -2.03	45.67 4.64 -0.26	50.03 4.79 0.00	56.54 5.56 0.00	64.39 6.54 0.00	59.02 5.65 0.00	50.22 4.48 0.00	45.43 3.75 0.00	43.63 3.83 -1.87	39.34 3.37 -2.25	38.30 2.95 -6.14

FPL FAR_ROCK_GT2 23815	34.87 3.29 -1.90	32.88 2.64 -3.80	28.56 2.38 -1.87	24.78 2.19 0.00	26.08 2.19 -1.30	25.30 2.20 0.00	27.80 2.48 0.00	33.25 2.86 -2.65	35.09 3.24 -3.21	35.88 3.48 -2.17	39.79 3.80 -3.54	43.31 3.86 -4.95	43.23 4.28 -2.67	45.04 4.37 -2.03	45.67 4.64 -0.26	50.03 4.79 0.00	56.54 5.56 0.00	64.39 6.54 0.00	59.02 5.65 0.00	50.22 4.48 0.00	45.43 3.75 0.00	43.63 3.83 -1.87	39.34 3.37 -2.25	38.30 2.95 -6.14
FRANKLIN_FALL_HYD 24054	29.56 -0.12 0.00	26.50 0.05 0.00	24.29 -0.02 0.00	22.50 -0.09 0.00	22.52 -0.07 0.00	23.02 -0.09 0.00	25.40 0.08 0.00	27.55 -0.19 0.00	28.28 -0.37 0.00	29.84 -0.39 0.00	32.03 -0.42 0.00	34.09 -0.41 0.00	35.70 -0.58 0.00	37.99 -0.66 0.00	39.90 -0.86 0.00	44.24 -1.00 0.00	45.94 -2.09 2.95	55.77 -2.08 0.00	51.44 -1.92 0.00	44.46 -1.28 0.00	41.47 -0.21 0.00	37.82 -0.11 0.00	33.54 -0.17 0.00	29.00 -0.20 0.00
FREEPORT_EQUS_GT1 23764	34.61 3.03 -1.90	32.65 2.41 -3.80	28.36 2.19 -1.87	24.65 2.06 0.00	25.92 2.03 -1.30	25.14 2.03 0.00	27.62 2.30 0.00	33.08 2.69 -2.65	34.89 3.04 -3.21	35.64 3.24 -2.17	39.47 3.47 -3.54	42.97 3.52 -4.95	42.83 3.88 -2.67	45.02 4.02 -2.35	45.23 4.16 -0.31	49.72 4.48 0.00	56.13 5.15 0.00	63.98 6.13 0.00	58.65 5.28 0.00	49.90 4.16 0.00	45.31 3.62 0.00	43.22 3.42 -1.87	38.96 3.00 -2.25	37.95 2.60 -6.14
FREEPORT___CT2 23818	34.61 3.03 -1.90	32.65 2.41 -3.80	28.36 2.19 -1.87	24.65 2.06 0.00	25.92 2.03 -1.30	25.14 2.03 0.00	27.62 2.30 0.00	33.08 2.69 -2.65	34.89 3.04 -3.21	35.64 3.24 -2.17	39.47 3.47 -3.54	42.97 3.52 -4.95	42.83 3.88 -2.67	45.02 4.02 -2.35	45.23 4.16 -0.31	49.72 4.48 0.00	56.13 5.15 0.00	63.98 6.13 0.00	58.65 5.28 0.00	49.90 4.16 0.00	45.31 3.62 0.00	43.22 3.42 -1.87	38.96 3.00 -2.25	37.95 2.60 -6.14
FRESHKLS_33_KV_LOAD 356253	32.27 2.55 -0.05	28.53 2.09 0.00	26.21 1.90 0.00	24.42 1.83 0.00	24.37 1.78 0.00	24.86 1.76 0.00	27.22 1.90 0.00	30.00 2.27 0.02	36.55 2.66 -5.24	34.03 2.81 -0.98	35.96 2.99 -0.52	37.43 2.93 0.01	39.65 3.37 0.01	42.26 3.63 0.02	44.38 3.63 0.01	49.21 3.98 0.01	55.57 4.59 0.00	63.06 5.21 0.00	57.84 4.48 0.00	49.35 3.61 0.00	44.47 2.79 0.00	40.90 2.47 -0.50	36.28 2.06 -0.51	32.57 2.10 -1.26
FULTON COGEN____ 23766	29.11 -0.56 0.00	25.99 -0.45 0.00	23.92 -0.39 0.00	22.23 -0.36 0.00	22.22 -0.36 0.00	22.78 -0.32 0.00	24.92 -0.41 0.00	26.77 -0.97 0.00	27.59 -1.06 0.00	29.21 -1.03 0.00	31.48 -0.97 0.00	33.54 -0.97 0.00	35.19 -1.09 0.00	37.60 -1.04 0.00	39.78 -0.98 0.00	43.92 -1.31 0.00	49.51 -1.17 0.30	56.29 -1.56 0.00	51.97 -1.39 0.00	44.50 -1.23 0.00	40.64 -1.04 0.00	37.02 -0.91 0.00	32.87 -0.84 0.00	28.45 -0.76 0.00
FULTON___LFGE 323630	33.45 3.77 0.00	29.83 3.39 0.00	27.25 2.94 0.00	25.30 2.71 0.00	25.29 2.71 0.00	25.97 2.86 0.00	28.97 3.65 0.00	31.29 3.55 0.00	32.21 3.55 0.00	33.95 3.72 0.00	36.22 3.76 0.00	38.71 4.21 0.00	40.60 4.32 0.00	43.17 4.52 0.00	45.73 4.97 0.00	51.34 6.10 0.00	58.79 7.80 0.00	67.97 10.12 0.00	63.61 10.25 0.00	54.38 8.65 0.00	49.43 7.75 0.00	45.18 6.79 -0.46	39.64 5.46 -0.47	34.84 4.50 -1.14
G.F.CEMENT___DRP 24184	32.11 2.43 0.00	28.56 2.12 0.00	26.18 1.87 0.00	24.33 1.74 0.00	24.30 1.72 0.00	24.86 1.76 0.00	27.27 1.95 0.00	30.02 2.27 0.00	31.09 2.44 0.00	32.74 2.51 0.00	34.76 2.30 0.00	37.09 2.59 0.00	39.18 2.90 0.00	41.39 2.74 0.00	43.73 2.98 0.00	48.95 3.71 0.00	55.57 4.59 0.00	63.58 5.73 0.00	59.45 6.08 0.00	50.95 5.21 0.00	46.60 4.92 0.00	42.14 4.21 0.00	37.15 3.44 0.00	32.10 2.89 0.00
GARDENVILLE___LBMP 24039	29.02 -0.65 0.00	25.70 -0.74 0.00	23.78 -0.53 0.00	22.05 -0.54 0.00	22.11 -0.47 0.00	22.81 -0.30 0.00	24.36 -0.96 0.00	26.77 -0.97 0.00	27.80 -0.86 0.00	29.57 -0.67 0.00	32.68 0.23 0.00	34.95 0.45 0.00	36.17 -0.11 0.00	38.84 0.19 0.00	41.21 0.45 0.00	44.70 -0.54 0.00	50.58 -0.41 -0.01	56.70 -1.16 -0.01	52.24 -1.12 0.00	44.46 -1.28 0.00	40.93 -0.75 0.00	37.86 -0.08 0.00	33.85 0.13 0.00	29.47 0.26 0.00
GARDNVLA_35_KV_LD 355827	29.17 -0.50 0.00	25.81 -0.63 0.00	23.85 -0.46 0.00	22.14 -0.45 0.00	22.20 -0.38 0.00	22.88 -0.23 0.00	24.43 -0.89 0.00	26.88 -0.86 0.00	27.91 -0.74 0.00	29.70 -0.54 0.00	32.85 0.39 0.00	35.13 0.62 0.00	36.36 0.07 0.00	39.08 0.43 0.00	41.46 0.69 0.00	44.92 -0.32 0.00	50.84 -0.15 -0.01	56.99 -0.87 -0.01	52.46 -0.91 0.00	44.69 -1.05 0.00	41.10 -0.58 0.00	38.05 0.11 0.00	34.02 0.30 0.00	29.59 0.38 0.00
GELCKHM___115KV_LOAD 80723	29.35 -0.33 0.00	26.21 -0.24 0.00	24.09 -0.22 0.00	22.39 -0.20 0.00	22.40 -0.18 0.00	22.97 -0.14 0.00	25.09 -0.23 0.00	27.05 -0.69 0.00	27.91 -0.74 0.00	29.54 -0.70 0.00	31.87 -0.58 0.00	33.95 -0.55 0.00	35.63 -0.65 0.00	38.07 -0.58 0.00	40.23 -0.53 0.00	44.42 -0.81 0.00	50.08 -0.66 0.24	56.93 -0.93 0.00	52.51 -0.85 0.00	44.91 -0.82 0.00	41.01 -0.67 0.00	37.36 -0.57 0.00	33.21 -0.51 0.00	28.74 -0.47 0.00
GENERAL___MILLS 23808	29.11 -0.56 0.00	25.76 -0.69 0.00	23.82 -0.49 0.00	22.09 -0.50 0.00	22.16 -0.43 0.00	22.85 -0.25 0.00	24.41 -0.91 0.00	26.83 -0.92 0.00	27.85 -0.80 0.00	29.63 -0.60 0.00	32.75 0.29 0.00	35.06 0.55 0.00	36.25 -0.04 0.00	38.96 0.31 0.00	41.33 0.57 0.00	44.79 -0.45 0.00	50.69 -0.31 -0.01	56.82 -1.04 -0.01	52.35 -1.01 0.00	44.55 -1.19 0.00	41.02 -0.67 0.00	37.93 0.00 0.00	33.92 0.20 0.00	29.53 0.32 0.00
GE_PLASTICS___DRP 24183	30.57 0.89 0.00	27.13 0.69 0.00	24.97 0.66 0.00	23.22 0.63 0.00	23.22 0.63 0.00	23.71 0.60 0.00	25.95 0.63 0.00	28.41 0.67 0.00	29.37 0.72 0.00	30.87 0.63 0.00	33.04 0.58 0.00	35.12 0.62 0.00	37.08 0.80 0.00	39.50 0.85 0.00	41.66 0.90 0.00	46.37 1.13 0.00	52.41 1.43 0.00	59.53 1.68 0.00	54.96 1.60 0.00	47.11 1.37 0.00	42.81 1.13 0.00	38.88 0.95 0.00	34.49 0.78 0.00	29.88 0.67 0.00
GILBOA___1 23756	30.72 1.04 0.00	27.24 0.79 0.00	25.04 0.73 0.00	23.29 0.70 0.00	23.28 0.70 0.00	23.80 0.69 0.00	26.11 0.79 0.00	28.55 0.80 0.00	29.57 0.92 0.00	31.17 0.94 0.00	33.43 0.97 0.00	35.50 1.00 0.00	37.44 1.16 0.00	39.88 1.24 0.00	42.06 1.30 0.00	46.77 1.54 0.00	52.66 1.68 0.00	59.76 1.91 0.00	55.12 1.76 0.00	47.34 1.60 0.00	42.98 1.29 0.00	39.48 1.14 -0.41	35.08 0.94 -0.43	31.05 0.82 -1.03
GILBOA___2 23757	30.72 1.04 0.00	27.24 0.79 0.00	25.04 0.73 0.00	23.29 0.70 0.00	23.28 0.70 0.00	23.80 0.69 0.00	26.11 0.79 0.00	28.55 0.80 0.00	29.57 0.92 0.00	31.17 0.94 0.00	33.43 0.97 0.00	35.50 1.00 0.00	37.44 1.16 0.00	39.88 1.24 0.00	42.06 1.30 0.00	46.77 1.54 0.00	52.66 1.68 0.00	59.76 1.91 0.00	55.12 1.76 0.00	47.34 1.60 0.00	42.98 1.29 0.00	39.48 1.14 -0.41	35.08 0.94 -0.43	31.05 0.82 -1.03

GILBOA___3 23758	30.72 1.04 0.00	27.24 0.79 0.00	25.04 0.73 0.00	23.29 0.70 0.00	23.28 0.70 0.00	23.80 0.69 0.00	26.11 0.79 0.00	28.55 0.80 0.00	29.57 0.92 0.00	31.17 0.94 0.00	33.43 0.97 0.00	35.50 1.00 0.00	37.44 1.16 0.00	39.88 1.24 0.00	42.06 1.30 0.00	46.77 1.54 0.00	52.66 1.68 0.00	59.76 1.91 0.00	55.12 1.76 0.00	47.34 1.60 0.00	42.98 1.29 0.00	39.48 1.14 -0.41	35.08 0.94 -0.43	31.05 0.82 -1.03
GILBOA___4 23759	30.72 1.04 0.00	27.24 0.79 0.00	25.04 0.73 0.00	23.29 0.70 0.00	23.28 0.70 0.00	23.80 0.69 0.00	26.11 0.79 0.00	28.55 0.80 0.00	29.57 0.92 0.00	31.17 0.94 0.00	33.43 0.97 0.00	35.50 1.00 0.00	37.44 1.16 0.00	39.88 1.24 0.00	42.06 1.30 0.00	46.77 1.54 0.00	52.66 1.68 0.00	59.76 1.91 0.00	55.12 1.76 0.00	47.34 1.60 0.00	42.98 1.29 0.00	39.48 1.14 -0.41	35.08 0.94 -0.43	31.05 0.82 -1.03
GILBOA___ 23599	30.72 1.04 0.00	27.24 0.79 0.00	25.04 0.73 0.00	23.29 0.70 0.00	23.28 0.70 0.00	23.80 0.69 0.00	26.11 0.78 0.00	28.57 0.83 0.00	29.57 0.92 0.00	31.20 0.97 0.00	33.43 0.97 0.00	35.50 1.00 0.00	37.48 1.20 0.00	39.88 1.24 0.00	42.06 1.30 0.00	46.77 1.54 0.00	52.72 1.73 0.00	59.70 1.85 0.00	55.12 1.76 0.00	47.34 1.60 0.00	42.97 1.29 0.00	39.03 1.10 0.00	34.66 0.94 0.00	30.03 0.82 0.00
GINNA___ 23603	28.13 -1.54 0.00	24.94 -1.51 0.00	23.00 -1.31 0.00	21.33 -1.26 0.00	21.41 -1.18 0.00	21.98 -1.13 0.00	23.78 -1.55 0.00	25.91 -1.83 0.00	26.68 -1.98 0.00	28.33 -1.90 0.00	30.93 -1.52 0.00	33.06 -1.45 0.00	34.54 -1.74 0.00	36.87 -1.78 0.00	39.29 -1.47 0.00	42.79 -2.44 0.00	48.65 -2.19 0.15	54.44 -3.41 0.00	50.59 -2.78 0.00	43.13 -2.61 0.00	39.68 -2.00 0.00	36.41 -1.52 0.00	32.30 -1.41 0.00	27.98 -1.23 0.00
GLEN PARK___ 23778	29.17 -0.50 0.00	26.05 -0.40 0.00	23.92 -0.39 0.00	22.07 -0.52 0.00	22.09 -0.50 0.00	22.78 -0.32 0.00	25.22 -0.10 0.00	27.07 -0.67 0.00	27.85 -0.80 0.00	29.54 -0.69 0.00	31.61 -0.84 0.00	33.71 -0.79 0.00	35.48 -0.80 0.00	37.83 -0.81 0.00	39.86 -0.90 0.00	44.11 -1.13 0.00	47.71 -1.17 2.10	56.69 -1.16 0.00	52.83 -0.53 0.00	45.78 0.05 0.00	42.06 0.37 0.00	38.31 0.38 0.00	33.64 -0.07 0.00	28.94 -0.26 0.00
GLENDALE_27_KV_LOAD 356172	32.45 2.76 -0.01	28.64 2.19 0.00	26.28 1.97 0.00	24.49 1.90 0.00	24.41 1.83 0.00	24.98 1.87 0.00	27.45 2.13 0.00	30.29 2.55 0.00	37.09 2.92 -5.52	37.13 3.14 -3.75	37.77 3.31 -2.00	37.82 3.31 0.00	39.98 3.70 0.00	42.59 3.94 0.00	44.67 3.91 0.00	49.45 4.21 -0.01	55.83 4.84 0.00	63.29 5.44 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.68 3.00 0.00	41.13 2.69 -0.50	36.59 2.36 -0.51	32.67 2.22 -1.25
GLENWOOD_IC_1_G5 23712	34.55 2.97 -1.90	32.59 2.35 -3.80	28.32 2.14 -1.87	24.58 1.99 0.00	25.85 1.96 -1.30	25.09 1.99 0.00	27.57 2.25 0.00	33.06 2.66 -2.65	34.87 3.01 -3.21	35.64 3.24 -2.17	39.46 3.47 -3.54	43.04 3.59 -4.95	42.94 3.99 -2.67	48.71 4.17 -5.89	45.48 3.95 -0.77	49.62 4.39 0.00	56.13 5.15 0.00	63.81 5.96 0.00	58.38 5.02 0.00	49.72 3.98 0.00	44.97 3.29 0.00	41.77 3.34 -0.50	37.49 2.93 -0.85	34.53 2.57 -2.75
GLENWOOD_IC_2_G1 23688	34.46 2.88 -1.90	32.51 2.27 -3.80	28.24 2.07 -1.87	24.51 1.92 0.00	25.78 1.90 -1.30	25.02 1.92 0.00	27.50 2.18 0.00	32.94 2.55 -2.65	34.78 2.92 -3.21	35.52 3.11 -2.17	39.33 3.34 -3.54	42.87 3.42 -4.95	42.72 3.77 -2.67	53.69 3.90 -11.14	46.16 3.95 -1.45	49.67 4.44 0.00	56.03 5.05 0.00	63.81 5.96 0.00	58.43 5.07 0.00	49.81 4.07 0.00	45.02 3.34 0.00	43.02 3.22 -1.87	38.76 2.80 -2.25	37.80 2.45 -6.14
GLENWOOD_IC_3_G1 23689	34.46 2.88 -1.90	32.51 2.27 -3.80	28.24 2.07 -1.87	24.51 1.92 0.00	25.78 1.90 -1.30	25.02 1.92 0.00	27.50 2.18 0.00	32.94 2.55 -2.65	34.78 2.92 -3.21	35.52 3.11 -2.17	39.33 3.34 -3.54	42.87 3.42 -4.95	42.72 3.77 -2.67	53.69 3.90 -11.14	46.16 3.95 -1.45	49.67 4.44 0.00	56.03 5.05 0.00	63.81 5.96 0.00	58.43 5.07 0.00	49.81 4.07 0.00	45.02 3.34 0.00	43.02 3.22 -1.87	38.76 2.80 -2.25	37.80 2.45 -6.14
GLENWOOD___4 23550	34.55 2.97 -1.90	32.59 2.35 -3.80	28.32 2.14 -1.87	24.58 1.99 0.00	25.85 1.96 -1.30	25.09 1.99 0.00	27.57 2.25 0.00	33.06 2.66 -2.65	34.87 3.01 -3.21	35.64 3.24 -2.17	39.46 3.47 -3.54	43.04 3.59 -4.95	42.94 3.99 -2.67	48.71 4.17 -5.89	45.60 4.08 -0.77	49.76 4.52 0.00	56.24 5.25 0.00	63.98 6.13 0.00	58.54 5.18 0.00	49.85 4.12 0.00	45.10 3.42 0.00	41.77 3.34 -0.50	37.49 2.93 -0.85	34.53 2.57 -2.75
GLENWOOD___5 23614	34.55 2.97 -1.90	32.59 2.35 -3.80	28.32 2.14 -1.87	24.58 1.99 0.00	25.85 1.96 -1.30	25.09 1.99 0.00	27.57 2.25 0.00	33.06 2.66 -2.65	34.87 3.01 -3.21	35.64 3.24 -2.17	39.46 3.47 -3.54	43.04 3.59 -4.95	42.94 3.99 -2.67	48.71 4.17 -5.89	45.60 4.08 -0.77	49.76 4.52 0.00	56.24 5.25 0.00	63.98 6.13 0.00	58.54 5.18 0.00	49.85 4.12 0.00	45.10 3.42 0.00	41.77 3.34 -0.50	37.49 2.93 -0.85	34.53 2.57 -2.75
GLOBAL GREEN_PORT_GT1 23814	35.50 3.92 -1.90	33.44 3.20 -3.80	29.17 2.99 -1.87	25.42 2.82 0.00	26.75 2.87 -1.30	25.95 2.84 0.00	28.49 3.16 0.00	34.03 3.63 -2.65	36.21 4.35 -3.21	37.21 4.81 -2.17	41.51 5.52 -3.54	45.28 5.83 -4.95	45.30 6.35 -2.67	45.79 6.57 -0.57	47.77 6.93 -0.08	52.89 7.65 -0.01	59.66 8.67 -0.01	67.93 10.07 -0.01	62.23 8.86 -0.01	52.74 7.00 -0.01	47.60 5.92 0.00	45.15 5.35 -1.87	40.48 4.52 -2.25	39.26 3.92 -6.14
GLOBE___DSASP 323697	27.96 -1.72 0.00	24.78 -1.67 0.00	22.90 -1.41 0.00	21.26 -1.33 0.00	21.32 -1.26 0.00	21.95 -1.16 0.00	23.32 -2.00 0.00	25.19 -2.52 0.02	26.17 -2.46 0.02	27.82 -2.39 0.02	30.84 -1.59 0.02	32.96 -1.52 0.02	34.05 -2.21 0.02	36.58 -2.05 0.02	38.86 -1.87 0.02	42.00 -3.21 0.02	47.46 -3.36 0.16	53.37 -4.45 0.02	49.18 -4.16 0.02	41.87 -3.84 0.02	38.58 -3.08 0.02	35.71 -2.20 0.02	31.94 -1.75 0.02	27.90 -1.29 0.02
GOETHSLN___LBMP 323567	32.11 2.43 0.00	28.24 1.80 0.00	25.94 1.63 0.00	24.15 1.56 0.00	24.07 1.49 0.00	24.63 1.53 0.00	27.12 1.80 0.00	29.93 2.19 0.00	31.17 2.52 0.00	32.96 2.72 0.00	35.31 2.86 0.00	37.30 2.79 0.00	39.40 3.12 0.00	41.89 3.25 0.00	44.06 3.30 0.00	49.04 3.80 0.00	55.37 4.38 0.00	62.77 4.92 0.00	57.52 4.16 0.00	49.12 3.38 0.00	44.35 2.67 0.00	40.78 2.35 -0.50	36.32 2.09 -0.52	32.35 1.90 -1.25
GOLAH___69_KV_TB 1_2 80279	29.26 -0.42 0.00	25.89 -0.56 0.00	23.92 -0.39 0.00	22.19 -0.41 0.00	22.27 -0.32 0.00	22.90 -0.21 0.00	24.69 -0.63 0.00	26.80 -0.94 0.00	27.76 -0.89 0.00	29.45 -0.79 0.00	32.29 -0.16 0.00	34.47 -0.03 0.00	35.81 -0.47 0.00	38.34 -0.31 0.00	40.72 -0.04 0.00	44.33 -0.90 0.00	50.08 -0.76 0.14	56.52 -1.33 0.00	52.29 -1.07 0.00	44.59 -1.14 0.00	41.01 -0.67 0.00	37.74 -0.19 0.00	33.68 -0.03 0.00	29.30 0.09 0.00

GOODYEAR_LAKE_HYD 323669	31.10 1.42 0.00	27.63 1.19 0.00	25.38 1.07 0.00	23.54 0.95 0.00	23.53 0.95 0.00	24.17 1.06 0.00	26.66 1.34 0.00	29.02 1.28 0.00	30.00 1.35 0.00	31.75 1.51 0.00	34.04 1.59 0.00	36.26 1.76 0.00	38.20 1.92 0.00	40.73 2.09 0.00	43.00 2.24 0.00	47.72 2.49 0.00	53.99 3.01 0.00	61.44 3.59 0.00	56.78 3.42 0.00	48.76 3.02 0.00	44.39 2.71 0.00	40.32 2.39 0.00	35.60 1.89 0.00	30.76 1.55 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.94 0.27 0.00	26.63 0.19 0.00	24.50 0.19 0.00	22.75 0.16 0.00	22.76 0.18 0.00	23.41 0.30 0.00	25.52 0.20 0.00	27.74 0.00 0.00	28.68 0.03 0.00	30.36 0.12 0.00	32.81 0.36 0.00	34.95 0.45 0.00	36.64 0.36 0.00	39.15 0.50 0.00	41.37 0.61 0.00	45.64 0.41 0.00	51.70 0.71 0.00	58.37 0.52 0.00	53.90 0.53 0.00	46.10 0.37 0.00	42.06 0.38 0.00	38.42 0.49 0.00	34.15 0.44 0.00	29.53 0.32 0.00
GOUDEY___7 23579	29.97 0.30 0.00	26.66 0.21 0.00	24.53 0.22 0.00	22.77 0.18 0.00	22.79 0.20 0.00	23.41 0.30 0.00	25.55 0.23 0.00	27.77 0.03 0.00	28.71 0.06 0.00	30.42 0.18 0.00	32.84 0.39 0.00	35.02 0.52 0.00	36.68 0.40 0.00	39.19 0.54 0.00	41.41 0.65 0.00	45.69 0.45 0.00	51.75 0.76 0.00	58.43 0.58 0.00	53.95 0.59 0.00	46.15 0.41 0.00	42.14 0.46 0.00	38.46 0.53 0.00	34.18 0.47 0.00	29.56 0.35 0.00
GOUDEY___8 23580	29.94 0.27 0.00	26.63 0.19 0.00	24.50 0.19 0.00	22.75 0.16 0.00	22.76 0.18 0.00	23.41 0.30 0.00	25.52 0.20 0.00	27.74 0.00 0.00	28.68 0.03 0.00	30.36 0.12 0.00	32.81 0.36 0.00	34.95 0.45 0.00	36.64 0.36 0.00	39.15 0.50 0.00	41.37 0.61 0.00	45.64 0.41 0.00	51.70 0.71 0.00	58.37 0.52 0.00	53.90 0.53 0.00	46.10 0.37 0.00	42.06 0.38 0.00	38.42 0.49 0.00	34.15 0.44 0.00	29.53 0.32 0.00
GOWANUS_GT1_1 24077	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
GOWANUS_GT1_2 24078	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
GOWANUS_GT1_3 24079	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
GOWANUS_GT1_4 24080	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
GOWANUS_GT1_5 24084	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
GOWANUS_GT1_6 24111	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
GOWANUS_GT1_7 24112	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
GOWANUS_GT1_8 24113	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
GOWANUS_GT2_1 24114	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
GOWANUS_GT2_2 24115	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
GOWANUS_GT2_3 24116	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65

GOWANUS_GT2_4 24117	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
GOWANUS_GT2_5 24118	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
GOWANUS_GT2_6 24119	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
GOWANUS_GT2_7 24120	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
GOWANUS_GT2_8 24121	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
GOWANUS_GT3_1 24122	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
GOWANUS_GT3_2 24123	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
GOWANUS_GT3_3 24124	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.																			

GOWANUS_GT4_3 24132	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
GOWANUS_GT4_4 24133	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
GOWANUS_GT4_5 24134	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
GOWANUS_GT4_6 24135	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
GOWANUS_GT4_7 24136	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
GOWANUS_GT4_8 24137	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
GREENBSH_115KV_TB3 55895	30.45 0.77 0.00	27.03 0.58 0.00	24.87 0.56 0.00	23.13 0.54 0.00	23.15 0.56 0.00	23.62 0.51 0.00	25.88 0.56 0.00	28.32 0.58 0.00	29.25 0.60 0.00	30.72 0.48 0.00	32.87 0.42 0.00	34.95 0.45 0.00	36.93 0.65 0.00	39.30 0.66 0.00	41.49 0.73 0.00	46.23 1.00 0.00	52.26 1.27 0.00	59.41 1.56 0.00	54.86 1.49 0.00	47.02 1.28 0.00	42.68 1.00 0.00	38.76 0.83 0.00	34.35 0.64 0.00	29.76 0.55 0.00
GREENIDGE_115KV_TB5 80291	29.71 0.03 0.00	26.52 0.08 0.00	24.43 0.12 0.00	22.66 0.07 0.00	22.70 0.11 0.00	23.41 0.30 0.00	25.42 0.10 0.00	27.60 -0.14 0.00	28.48 -0.17 0.00	30.02 -0.21 0.00	32.68 0.23 0.00	34.92 0.41 0.00	36.43 0.15 0.00	39.03 0.39 0.00	41.37 0.61 0.00	45.37 0.14 0.00	51.45 0.61 0.14	58.26 0.40 0.00	53.90 0.53 0.00	45.97 0.23 0.00	42.14 0.46 0.00	38.58 0.64 0.00	34.25 0.54 0.00	29.59 0.38 0.00
GREENIDGE___3 23582	29.71 0.03 0.00	26.52 0.08 0.00	24.43 0.12 0.00	22.66 0.07 0.00	22.70 0.11 0.00	23.41 0.30 0.00	25.42 0.10 0.00	27.60 -0.14 0.00	28.48 -0.17 0.00	30.02 -0.21 0.00	32.68 0.23 0.00	34.92 0.41 0.00	36.43 0.15 0.00	39.03 0.39 0.00	41.37 0.61 0.00	45.37 0.14 0.00	51.45 0.61 0.14	58.26 0.40 0.00	53.90 0.53 0.00	45.97 0.23 0.00	42.14 0.46 0.00	38.58 0.64 0.00	34.25 0.54 0.00	29.59 0.38 0.00
GREENIDGE___4 23583	29.71 0.03 0.00	26.52 0.08 0.00	24.43 0.12 0.00	22.66 0.07 0.00	22.72 0.14 0.00	23.41 0.30 0.00	25.42 0.10 0.00	27.71 -0.03 0.00	28.48 -0.17 0.00	30.06 -0.18 0.00	32.65 0.20 0.00	34.92 0.42 0.00	36.54 0.26 0.00	39.03 0.39 0.00	41.53 0.77 0.00	45.37 0.14 0.00	51.81 0.97 0.14	57.62 -0.23 0.00	53.84 0.48 0.00	45.97 0.23 0.00	42.14 0.46 0.00	38.65 0.72 0.00	34.25 0.54 0.00	29.59 0.38 0.00
GREENLWN_69_KV_BK 3 55738	34.01 2.43 -1.90	32.17 1.93 -3.80	27.93 1.75 -1.87	24.24 1.65 0.00	25.51 1.63 -1.30	24.75 1.64 0.00	27.19 1.87 0.00	32.61 2.22 -2.65	34.35 2.49 -3.21	35.06 2.66 -2.17	38.81 2.82 -3.54	42.35 2.90 -4.95	42.22 3.27 -2.67	42.72 3.36 -0.71	44.27 3.42 -0.09	49.08 3.85 0.00	55.47 4.49 0.00	63.17 5.32 0.00	57.79 4.43 0.00	49.21 3.48 0.00	44.52 2.83 0.00	41.01 2.58 -0.50	36.82 2.26 -0.85	33.94 1.99 -2.75
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26
GRISSOM___SOLAR 323813	33.45 3.77 0.00	29.83 3.39 0.00	27.25 2.94 0.00	25.30 2.71 0.00	25.29 2.71 0.00	25.97 2.86 0.00	28.97 3.65 0.00	31.29 3.55 0.00	32.21 3.55 0.00	33.95 3.72 0.00	36.22 3.76 0.00	38.71 4.21 0.00	40.60 4.32 0.00	43.17 4.52 0.00	45.73 4.97 0.00	51.34 6.10 0.00	58.79 7.80 0.00	67.97 10.12 0.00	63.61 10.25 0.00	54.38 8.65 0.00	49.43 7.75 0.00	45.18 6.79 -0.46	39.64 5.46 -0.47	34.84 4.50 -1.14
GROVEVILLE___HYD 323602	31.99 2.31 0.00	28.27 1.82 0.00	25.96 1.65 0.00	24.17 1.58 0.00	24.12 1.54 0.00	24.61 1.50 0.00	27.04 1.72 0.00	29.71 1.97 0.00	30.89 2.23 0.00	32.59 2.36 0.00	34.92 2.47 0.00	37.02 2.52 0.00	39.22 2.94 0.00	41.82 3.17 0.00	44.14 3.38 0.00	49.13 3.89 0.00	55.57 4.59 0.00	63.12 5.26 0.00	57.79 4.43 0.00	49.40 3.66 0.00	44.64 2.96 0.00	41.07 2.58 -0.56	36.44 2.16 -0.57	32.47 1.87 -1.39
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.59 -0.09 0.00	26.42 -0.03 0.00	24.29 -0.02 0.00	22.55 -0.05 0.00	22.56 -0.02 0.00	23.13 0.02 0.00	25.30 -0.03 0.00	27.24 -0.50 0.00	28.11 -0.54 0.00	29.75 -0.48 0.00	32.10 -0.36 0.00	34.23 -0.28 0.00	35.88 -0.40 0.00	38.38 -0.27 0.00	40.56 -0.20 0.00	44.78 -0.45 0.00	50.51 -0.25 0.22	57.33 -0.52 0.00	52.94 -0.43 0.00	45.28 -0.46 0.00	41.35 -0.33 0.00	37.66 -0.27 0.00	33.48 -0.24 0.00	28.95 -0.26 0.00

HAMLTNNY_34_KV_TB 80303	29.65 -0.03 0.00	26.44 0.00 0.00	24.33 0.02 0.00	22.59 0.00 0.00	22.61 0.02 0.00	23.20 0.09 0.00	25.35 0.03 0.00	27.32 -0.42 0.00	28.17 -0.49 0.00	29.84 -0.39 0.00	32.19 -0.26 0.00	34.36 -0.14 0.00	36.03 -0.25 0.00	38.49 -0.15 0.00	40.72 -0.04 0.00	44.92 -0.32 0.00	50.73 -0.05 0.20	57.56 -0.29 0.00	53.15 -0.21 0.00	45.42 -0.32 0.00	41.51 -0.17 0.00	37.85 -0.08 0.00	33.61 -0.10 0.00	29.06 -0.15 0.00
HAMPSHIRE___PAPER_HYD 323593	28.58 -1.10 0.00	25.57 -0.87 0.00	23.46 -0.85 0.00	21.71 -0.88 0.00	21.70 -0.88 0.00	22.30 -0.81 0.00	24.64 -0.68 0.00	26.69 -1.05 0.00	27.45 -1.20 0.00	29.03 -1.21 0.00	31.09 -1.36 0.00	33.12 -1.38 0.00	34.79 -1.49 0.00	37.06 -1.59 0.00	38.97 -1.79 0.00	43.25 -1.99 0.00	42.79 -2.70 5.49	55.08 -2.78 0.00	50.91 -2.45 0.00	43.95 -1.78 0.00	40.43 -1.25 0.00	36.91 -1.02 0.00	32.70 -1.01 0.00	28.24 -0.96 0.00
HARDSCRABBLE_WT_PWR 323673	29.97 0.30 0.00	26.71 0.26 0.00	24.53 0.22 0.00	22.77 0.18 0.00	22.76 0.18 0.00	23.32 0.21 0.00	25.57 0.25 0.00	27.88 0.14 0.00	28.83 0.17 0.00	30.48 0.24 0.00	32.71 0.26 0.00	34.81 0.31 0.00	36.68 0.40 0.00	39.11 0.47 0.00	41.25 0.49 0.00	45.78 0.54 0.00	51.51 0.71 0.19	58.72 0.87 0.00	54.16 0.80 0.00	46.42 0.69 0.00	42.22 0.54 0.00	38.42 0.49 0.00	34.01 0.30 0.00	29.44 0.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.75 2.08 0.00	28.06 1.61 0.00	25.77 1.46 0.00	23.99 1.40 0.00	23.94 1.36 0.00	24.47 1.36 0.00	26.89 1.57 0.00	29.54 1.80 0.00	30.74 2.09 0.00	32.47 2.24 0.00	34.76 2.30 0.00	36.85 2.35 0.00	38.96 2.68 0.00	41.51 2.86 0.00	43.78 3.02 0.00	48.67 3.44 0.00	55.06 4.08 0.00	62.48 4.63 0.00	57.26 3.90 0.00	48.94 3.20 0.00	44.22 2.54 0.00	41.68 2.24 -1.52	37.12 1.85 -1.56	34.60 1.64 -3.76
HARSNRAD_115KV_TB1 81005	28.76 -0.92 0.00	25.44 -1.00 0.00	23.56 -0.75 0.00	21.85 -0.75 0.00	21.91 -0.68 0.00	22.55 -0.55 0.00	24.00 -1.32 0.00	26.19 -1.55 0.00	27.20 -1.46 0.00	28.94 -1.30 0.00	32.03 -0.42 0.00	34.23 -0.28 0.00	35.30 -0.98 0.00	37.92 -0.73 0.00	40.31 -0.45 0.00	43.57 -1.67 0.00	49.17 -1.68 0.13	55.31 -2.55 0.00	51.02 -2.35 0.00	43.41 -2.33 0.00	40.06 -1.63 0.00	37.14 -0.80 0.00	33.24 -0.47 0.00	29.00 -0.20 0.00
HARZA MOOSE___RIVER 24016	29.83 0.15 0.00	26.60 0.16 0.00	24.43 0.12 0.00	22.61 0.02 0.00	22.61 0.02 0.00	23.25 0.14 0.00	25.65 0.33 0.00	27.77 0.03 0.00	28.65 0.00 0.00	30.33 0.09 0.00	32.49 0.03 0.00	34.61 0.10 0.00	36.50 0.22 0.00	38.92 0.27 0.00	41.04 0.29 0.00	45.51 0.27 0.00	49.85 0.41 1.54	58.55 0.69 0.00	54.11 0.75 0.00	46.61 0.87 0.00	42.60 0.92 0.00	38.76 0.83 0.00	34.18 0.47 0.00	29.53 0.32 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.38 -0.30 0.00	26.21 -0.24 0.00	24.12 -0.19 0.00	22.41 -0.18 0.00	22.40 -0.18 0.00	22.97 -0.14 0.00	25.12 -0.20 0.00	27.07 -0.67 0.00	27.94 -0.72 0.00	29.57 -0.67 0.00	31.90 -0.55 0.00	34.02 -0.48 0.00	35.66 -0.62 0.00	38.11 -0.54 0.00	40.27 -0.49 0.00	44.47 -0.77 0.00	50.13 -0.61 0.24	56.93 -0.93 0.00	52.56 -0.80 0.00	44.91 -0.82 0.00	41.01 -0.67 0.00	37.40 -0.53 0.00	33.24 -0.47 0.00	28.77 -0.44 0.00
HELLGATE_13_KV_LD 55870	32.24 2.55 -0.01	28.51 2.06 0.00	26.16 1.85 0.00	24.35 1.76 0.00	24.30 1.72 0.00	24.86 1.76 0.00	27.30 1.98 0.00	30.13 2.39 0.00	36.89 2.72 -5.51	36.92 2.93 -3.75	37.54 3.08 -2.00	37.57 3.07 0.00	39.69 3.41 0.00	42.28 3.63 0.00	44.35 3.59 0.00	49.00 3.75 -0.01	55.37 4.38 0.00	62.77 4.92 0.00	57.52 4.16 0.00	49.12 3.38 0.00	44.35 2.67 0.00	40.82 2.39 -0.50	36.32 2.09 -0.51	32.47 2.02 -1.25
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.24 2.55 -0.01	28.51 2.06 0.00	26.16 1.85 0.00	24.35 1.76 0.00	24.30 1.72 0.00	24.86 1.76 0.00	27.30 1.98 0.00	30.13 2.39 0.00	36.89 2.72 -5.51	36.92 2.93 -3.75	37.54 3.08 -2.00	37.57 3.07 0.00	39.69 3.41 0.00	42.28 3.63 0.00	44.35 3.59 0.00	49.00 3.75 -0.01	55.37 4.38 0.00	62.77 4.92 0.00	57.52 4.16 0.00	49.12 3.38 0.00	44.35 2.67 0.00	40.82 2.39 -0.50	36.32 2.09 -0.51	32.47 2.02 -1.25
HEMPSTEAD____ 23647	34.37 2.79 -1.90	32.43 2.19 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.74 1.85 -1.30	24.98 1.87 0.00	27.47 2.15 0.00	32.89 2.50 -2.65	34.70 2.84 -3.21	35.43 3.02 -2.17	39.24 3.24 -3.54	42.76 3.31 -4.95	42.61 3.66 -2.67	45.97 3.79 -3.54	45.01 3.79 -0.46	49.49 4.25 0.00	55.83 4.85 0.00	63.58 5.73 0.00	58.27 4.91 0.00	49.62 3.89 0.00	44.89 3.21 0.00	42.91 3.11 -1.87	38.66 2.70 -2.25	37.71 2.36 -6.14
HEWLETT_69_KV_BK3 55828	34.70 3.12 -1.90	32.73 2.49 -3.80	28.41 2.24 -1.87	24.67 2.08 0.00	25.94 2.06 -1.30	25.19 2.08 0.00	27.68 2.35 0.00	33.11 2.72 -2.65	34.95 3.09 -3.21	35.70 3.30 -2.17	39.53 3.54 -3.54	43.04 3.59 -4.95	42.98 4.03 -2.67	44.85 4.17 -2.03	45.38 4.36 -0.26	49.85 4.61 0.00	56.39 5.40 0.00	64.21 6.36 0.00	58.75 5.39 0.00	50.04 4.30 0.00	45.27 3.58 0.00	41.92 3.49 -0.50	37.69 3.14 -0.85	34.70 2.75 -2.75
HICKLING___1 23621	29.83 0.15 0.00	26.52 0.08 0.00	24.41 0.10 0.00	22.68 0.09 0.00	22.70 0.11 0.00	23.43 0.32 0.00	25.40 0.08 0.00	27.66 -0.08 0.00	28.62 -0.03 0.00	30.36 0.12 0.00	33.00 0.55 0.00	35.30 0.79 0.00	36.79 0.51 0.00	39.38 0.73 0.00	41.70 0.94 0.00	45.73 0.50 0.00	51.95 0.97 0.00	58.37 0.52 0.00	53.95 0.59 0.00	46.10 0.37 0.00	42.18 0.50 0.00	38.73 0.80 0.00	34.45 0.74 0.00	29.76 0.55 0.00
HICKLING___2 23622	29.83 0.15 0.00	26.52 0.08 0.00	24.41 0.10 0.00	22.68 0.09 0.00	22.70 0.11 0.00	23.43 0.32 0.00	25.40 0.08 0.00	27.66 -0.08 0.00	28.62 -0.03 0.00	30.36 0.12 0.00	33.00 0.55 0.00	35.30 0.79 0.00	36.79 0.51 0.00	39.38 0.73 0.00	41.70 0.94 0.00	45.73 0.50 0.00	51.95 0.97 0.00	58.37 0.52 0.00	53.95 0.59 0.00	46.10 0.37 0.00	42.18 0.50 0.00	38.73 0.80 0.00	34.45 0.74 0.00	29.76 0.55 0.00
HIGH FALLS___HY 23754	31.84 2.17 0.00	28.08 1.64 0.00	25.82 1.51 0.00	24.01 1.42 0.00	23.96 1.38 0.00	24.45 1.34 0.00	26.92 1.60 0.00	29.54 1.80 0.00	30.74 2.09 0.00	32.50 2.27 0.00	34.82 2.37 0.00	36.88 2.38 0.00	39.04 2.76 0.00	41.62 2.98 0.00	43.94 3.18 0.00	48.85 3.62 0.00	55.27 4.28 0.00	62.83 4.98 0.00	57.42 4.06 0.00	49.08 3.34 0.00	44.35 2.67 0.00	40.64 2.31 -0.40	36.01 1.89 -0.41	31.83 1.64 -0.99
HIGH_RIVER___SOLAR 323847	31.34 1.66 0.00	27.87 1.43 0.00	25.57 1.26 0.00	23.79 1.20 0.00	23.76 1.17 0.00	24.33 1.22 0.00	26.28 0.96 0.00	28.65 0.91 0.00	29.66 1.00 0.00	31.26 1.03 0.00	33.46 1.01 0.00	35.57 1.07 0.00	37.80 1.52 0.00	40.27 1.62 0.00	42.47 1.71 0.00	47.32 2.08 0.00	53.53 2.55 0.00	61.09 3.24 0.00	56.67 3.31 0.00	48.57 2.84 0.00	44.22 2.54 0.00	40.72 2.20 -0.59	36.14 1.82 -0.61	32.20 1.52 -1.47

HILLBURN___GT 23639	31.78 2.11 0.00	28.08 1.64 0.00	25.79 1.48 0.00	23.99 1.40 0.00	23.96 1.38 0.00	24.49 1.39 0.00	26.94 1.62 0.00	29.60 1.86 0.00	30.83 2.18 0.00	32.56 2.33 0.00	34.85 2.40 0.00	36.92 2.41 0.00	39.00 2.72 0.00	41.51 2.86 0.00	43.61 2.85 0.00	48.58 3.35 0.00	54.81 3.83 0.00	62.25 4.39 0.00	57.10 3.73 0.00	48.80 3.06 0.00	44.14 2.46 0.00	42.75 2.24 -2.59	38.29 1.92 -2.66	37.32 1.69 -6.42
HILLSIDE_115KV_TB1 80332	29.38 -0.30 0.00	26.15 -0.29 0.00	24.07 -0.24 0.00	22.34 -0.25 0.00	22.38 -0.20 0.00	23.06 -0.05 0.00	25.04 -0.28 0.00	27.24 -0.50 0.00	28.22 -0.43 0.00	29.93 -0.30 0.00	32.49 0.03 0.00	34.68 0.17 0.00	36.21 -0.07 0.00	38.72 0.08 0.00	40.96 0.20 0.00	45.01 -0.23 0.00	51.04 0.05 0.00	57.39 -0.46 0.00	53.04 -0.32 0.00	45.33 -0.41 0.00	41.43 -0.25 0.00	38.01 0.08 0.00	33.85 0.13 0.00	29.24 0.03 0.00
HISHELDN_WT_PWR 323625	29.11 -0.56 0.00	25.81 -0.63 0.00	23.85 -0.46 0.00	22.12 -0.48 0.00	22.20 -0.38 0.00	22.85 -0.25 0.00	24.49 -0.83 0.00	26.99 -0.75 0.00	27.82 -0.83 0.00	29.57 -0.67 0.00	32.55 0.10 0.00	34.85 0.34 0.00	36.25 -0.04 0.00	38.69 0.04 0.00	41.33 0.57 0.00	44.60 -0.63 0.00	51.14 0.15 -0.01	55.37 -2.49 0.00	52.19 -1.17 0.00	44.51 -1.23 0.00	40.97 -0.71 0.00	37.97 0.04 0.00	33.82 0.10 0.00	29.41 0.21 0.00
HOLTSVILLE_IC_1 23690	34.52 2.94 -1.90	32.54 2.30 -3.80	28.29 2.11 -1.87	24.60 2.01 0.00	25.87 1.99 -1.30	25.12 2.01 0.00	27.60 2.28 0.00	33.03 2.64 -2.65	34.87 3.01 -3.21	35.58 3.17 -2.17	39.37 3.37 -3.54	42.87 3.42 -4.95	42.69 3.74 -2.67	42.92 3.71 -0.56	44.72 3.87 -0.08	49.63 4.39 -0.01	55.84 4.85 -0.01	63.76 5.90 -0.01	58.49 5.12 -0.01	49.91 4.16 -0.01	45.10 3.42 0.00	42.91 3.11 -1.87	38.76 2.80 -2.25	37.86 2.51 -6.14
HOLTSVILLE_IC_10 23699	34.70 3.12 -1.90	32.67 2.43 -3.80	28.41 2.24 -1.87	24.69 2.10 0.00	25.99 2.10 -1.30	25.21 2.10 0.00	27.73 2.41 0.00	33.14 2.75 -2.65	35.04 3.18 -3.21	35.79 3.39 -2.17	39.63 3.63 -3.54	43.14 3.69 -4.95	43.05 4.10 -2.67	43.34 4.09 -0.60	45.17 4.32 -0.09	50.09 4.84 -0.01	56.40 5.40 -0.01	64.34 6.48 -0.01	59.03 5.65 -0.01	50.32 4.57 -0.01	45.51 3.83 0.00	43.25 3.45 -1.87	39.03 3.07 -2.25	38.06 2.72 -6.14
HOLTSVILLE_IC_2 23691	34.52 2.94 -1.90	32.54 2.30 -3.80	28.29 2.11 -1.87	24.60 2.01 0.00	25.87 1.99 -1.30	25.12 2.01 0.00	27.60 2.28 0.00	33.03 2.64 -2.65	34.87 3.01 -3.21	35.58 3.17 -2.17	39.37 3.37 -3.54	42.87 3.42 -4.95	42.69 3.74 -2.67	42.92 3.71 -0.56	44.72 3.87 -0.08	49.63 4.39 -0.01	55.84 4.85 -0.01	63.76 5.90 -0.01	58.49 5.12 -0.01	49.91 4.16 -0.01	45.10 3.42 0.00	42.91 3.11 -1.87	38.76 2.80 -2.25	37.86 2.51 -6.14
HOLTSVILLE_IC_3 23692	34.52 2.94 -1.90	32.54 2.30 -3.80	28.29 2.11 -1.87	24.60 2.01 0.00	25.87 1.99 -1.30	25.12 2.01 0.00	27.60 2.28 0.00	33.03 2.64 -2.65	34.87 3.01 -3.21	35.58 3.17 -2.17	39.37 3.37 -3.54	42.87 3.42 -4.95	42.69 3.74 -2.67	42.92 3.71 -0.56	44.72 3.87 -0.08	49.63 4.39 -0.01	55.84 4.85 -0.01	63.76 5.90 -0.01	58.49 5.12 -0.01	49.91 4.16 -0.01	45.10 3.42 0.00	42.91 3.11 -1.87	38.76 2.80 -2.25	37.86 2.51 -6.14
HOLTSVILLE_IC_4 23693	34.52 2.94 -1.90	32.54 2.30 -3.80	28.29 2.11 -1.87	24.60 2.01 0.00	25.87 1.99 -1.30	25.12 2.01 0.00	27.60 2.28 0.00	33.03 2.64 -2.65	34.87 3.01 -3.21	35.58 3.17 -2.17	39.37 3.37 -3.54	42.87 3.42 -4.95	42.69 3.74 -2.67	42.92 3.71 -0.56	44.72 3.87 -0.08	49.63 4.39 -0.01	55.84 4.85 -0.01	63.76 5.90 -0.01	58.49 5.12 -0.01	49.91 4.16 -0.01	45.10 3.42 0.00	42.91 3.11 -1.87	38.76 2.80 -2.25	37.86 2.51 -6.14
HOLTSVILLE_IC_5 23694	34.52 2.94 -1.90	32.54 2.30 -3.80	28.29 2.11 -1.87	24.60 2.01 0.00	25.87 1.99 -1.30	25.12 2.01 0.00	27.60 2.28 0.00	33.03 2.64 -2.65	34.87 3.01 -3.21	35.58 3.17 -2.17	39.37 3.37 -3.54	42.87 3.42 -4.95	42.69 3.74 -2.67	42.92 3.71 -0.56	44.72 3.87 -0.08	49.63 4.39 -0.01	55.84 4.85 -0.01	63.76 5.90 -0.01	58.49 5.12 -0.01	49.91 4.16 -0.01	45.10 3.42 0.00	42.91 3.11 -1.87	38.76 2.80 -2.25	37.86 2.51 -6.14
HOLTSVILLE_IC_6 23695	34.70 3.12 -1.90	32.67 2.43 -3.80	28.41 2.24 -1.87	24.69 2.10 0.00	25.99 2.10 -1.30	25.21 2.10 0.00	27.73 2.41 0.00	33.14 2.75 -2.65	35.04 3.18 -3.21	35.79 3.39 -2.17	39.63 3.63 -3.54	43.14 3.69 -4.95	43.05 4.10 -2.67	43.34 4.09 -0.60	45.17 4.32 -0.09	50.09 4.84 -0.01	56.40 5.40 -0.01	64.34 6.48 -0.01	59.03 5.65 -0.01	50.32 4.57 -0.01	45.51 3.83 0.00	43.25 3.45 -1.87	39.03 3.07 -2.25	38.06 2.72 -6.14
HOLTSVILLE_IC_7 23696	34.70 3.12 -1.90	32.67 2.43 -3.80	28.41 2.24 -1.87	24.69 2.10 0.00	25.99 2.10 -1.30	25.21 2.10 0.00	27.73 2.41 0.00	33.14 2.75 -2.65	35.04 3.18 -3.21	35.79 3.39 -2.17	39.63 3.63 -3.54	43.14 3.69 -4.95	43.05 4.10 -2.67	43.34 4.09 -0.60	45.17 4.32 -0.09	50.09 4.84 -0.01	56.40 5.40 -0.01	64.34 6.48 -0.01	59.03 5.65 -0.01	50.32 4.57 -0.01	45.51 3.83 0.00	43.25 3.45 -1.87	39.03 3.07 -2.25	38.06 2.72 -6.14
HOLTSVILLE_IC_8 23697	34.70 3.12 -1.90	32.67 2.43 -3.80	28.41 2.24 -1.87	24.69 2.10 0.00	25.99 2.10 -1.30	25.21 2.10 0.00	27.73 2.41 0.00	33.14 2.75 -2.65	35.04 3.18 -3.21	35.79 3.39 -2.17	39.63 3.63 -3.54	43.14 3.69 -4.95	43.05 4.10 -2.67	43.34 4.09 -0.60	45.17 4.32 -0.09	50.09 4.84 -0.01	56.40 5.40 -0.01	64.34 6.48 -0.01	59.03 5.65 -0.01	50.32 4.57 -0.01	45.51 3.83 0.00	43.25 3.45 -1.87	39.03 3.07 -2.25	38.06 2.72 -6.14
HOLTSVILLE_IC_9 23698	34.70 3.12 -1.90	32.67 2.43 -3.80	28.41 2.24 -1.87	24.69 2.10 0.00	25.99 2.10 -1.30	25.21 2.10 0.00	27.73 2.41 0.00	33.14 2.75 -2.65	35.04 3.18 -3.21	35.79 3.39 -2.17	39.63 3.63 -3.54	43.14 3.69 -4.95	43.05 4.10 -2.67	43.34 4.09 -0.60	45.17 4.32 -0.09	50.09 4.84 -0.01	56.40 5.40 -0.01	64.34 6.48 -0.01	59.03 5.65 -0.01	50.32 4.57 -0.01	45.51 3.83 0.00	43.25 3.45 -1.87	39.03 3.07 -2.25	38.06 2.72 -6.14
HOMER_HL_115KV_TB2 355744	29.02 -0.65 0.00	25.73 -0.71 0.00	23.73 -0.58 0.00	22.05 -0.54 0.00	22.11 -0.47 0.00	22.88 -0.23 0.00	24.54 -0.78 0.00	26.94 -0.80 0.00	27.94 -0.72 0.00	29.69 -0.54 0.00	32.52 0.06 0.00	34.78 0.28 0.00	36.17 -0.11 0.00	38.34 -0.31 0.00	40.60 -0.16 0.00	44.29 -0.95 0.00	50.12 -0.87 -0.01	56.18 -1.68 -0.01	51.82 -1.55 0.00	44.32 -1.42 0.00	40.60 -1.08 0.00	37.48 -0.46 0.00	33.75 0.03 0.00	29.21 0.00 0.00
HOWARD_WT_PWR 323690	29.97 0.30 0.00	26.60 0.16 0.00	24.53 0.22 0.00	22.79 0.20 0.00	22.86 0.27 0.00	23.55 0.44 0.00	25.42 0.10 0.00	27.88 0.14 0.00	28.88 0.23 0.00	30.63 0.39 0.00	33.46 1.01 0.00	35.78 1.28 0.00	37.37 1.09 0.00	39.81 1.16 0.00	42.39 1.63 0.00	46.14 0.90 0.00	52.93 1.94 0.00	57.85 0.00 0.00	54.43 1.07 0.00	46.47 0.73 0.00	42.68 1.00 0.00	39.34 1.40 0.00	34.93 1.21 0.00	30.23 1.02 0.00

HQ_GEN_CEDARS 23644	29.08 -0.59 0.00	26.05 -0.40 0.00	23.92 -0.39 0.00	22.19 -0.41 0.00	22.18 -0.41 0.00	22.67 -0.44 0.00	24.94 -0.38 0.00	27.21 -0.53 0.00	27.97 -0.69 0.00	29.51 -0.73 0.00	31.67 -0.78 0.00	33.67 -0.83 0.00	35.30 -0.98 0.00	37.45 -1.20 0.00	39.41 -1.35 0.00	43.70 -1.54 0.00	36.98 -2.75 11.25	54.90 -2.95 0.00	50.64 -2.72 0.00	43.54 -2.20 0.00	40.10 -1.58 0.00	37.10 -0.83 0.00	33.00 -0.71 0.00	28.59 -0.61 0.00
HQ_GEN_CEDARS_PROXY 323590	29.08 -0.59 0.00	26.05 -0.40 0.00	23.92 -0.39 0.00	22.19 -0.41 0.00	22.18 -0.41 0.00	22.67 -0.44 0.00	24.94 -0.38 0.00	27.21 -0.53 0.00	27.97 -0.69 0.00	29.51 -0.73 0.00	31.67 -0.78 0.00	33.67 -0.83 0.00	35.30 -0.98 0.00	37.53 -1.12 0.00	39.37 -1.39 0.00	43.70 -1.54 0.00	37.03 -2.70 11.25	55.08 -2.78 0.00	50.64 -2.72 0.00	43.54 -2.19 0.00	40.10 -1.58 0.00	36.87 -1.06 0.00	33.00 -0.71 0.00	28.59 -0.61 0.00
HQ_GEN_IMPORT 323601	29.17 -0.50 0.00	26.07 -0.37 0.00	23.95 -0.36 0.00	22.25 -0.34 0.00	22.25 -0.34 0.00	22.74 -0.37 0.00	24.97 -0.35 0.00	27.30 -0.44 0.00	28.14 -0.51 0.00	29.66 -0.58 0.00	31.83 -0.62 0.00	33.85 -0.66 0.00	35.48 -0.80 0.00	35.48 -0.85 2.32	35.48 -0.94 4.34	35.48 -1.04 8.72	35.48 -1.43 14.08	35.48 -1.44 20.93	35.48 -1.44 16.44	35.48 -1.19 9.07	35.48 -0.92 5.28	35.48 -0.80 1.65	33.11 -0.61 0.00	28.68 -0.52 0.00
HQ_GEN_WHEEL 23651	29.17 -0.50 0.00	26.07 -0.37 0.00	23.95 -0.36 0.00	22.25 -0.34 0.00	22.25 -0.34 0.00	22.74 -0.37 0.00	24.97 -0.35 0.00	27.30 -0.44 0.00	28.14 -0.51 0.00	29.66 -0.58 0.00	31.83 -0.62 0.00	33.85 -0.66 0.00	35.48 -0.80 0.00	35.48 -0.85 2.32	35.48 -0.94 4.34	35.48 -1.04 8.72	35.48 -1.43 14.08	35.48 -1.44 20.93	35.48 -1.44 16.44	35.48 -1.19 9.07	35.48 -0.92 5.28	35.48 -0.80 1.65	33.11 -0.61 0.00	28.68 -0.52 0.00
HUDSON AVE_GT_3 23810	32.26 2.58 0.00	28.40 1.96 0.00	26.09 1.77 0.00	24.29 1.69 0.00	24.23 1.65 0.00	24.77 1.66 0.00	27.25 1.92 0.00	30.07 2.33 0.00	31.35 2.69 0.00	33.14 2.90 0.00	35.50 3.05 0.00	37.54 3.04 0.00	39.69 3.41 0.00	42.24 3.59 0.00	44.43 3.67 0.00	49.40 4.16 0.00	55.78 4.79 0.00	63.29 5.44 0.00	57.95 4.59 0.00	49.49 3.75 0.00	44.68 3.00 0.00	41.13 2.69 -0.50	36.59 2.36 -0.52	32.56 2.10 -1.25
HUDSON AVE_GT_4 23540	32.26 2.58 0.00	28.40 1.96 0.00	26.09 1.77 0.00	24.29 1.69 0.00	24.23 1.65 0.00	24.77 1.66 0.00	27.25 1.92 0.00	30.07 2.33 0.00	31.35 2.69 0.00	33.14 2.90 0.00	35.50 3.05 0.00	37.54 3.04 0.00	39.69 3.41 0.00	42.24 3.59 0.00	44.43 3.67 0.00	49.40 4.16 0.00	55.78 4.79 0.00	63.29 5.44 0.00	57.95 4.59 0.00	49.49 3.75 0.00	44.68 3.00 0.00	41.13 2.69 -0.50	36.59 2.36 -0.52	32.56 2.10 -1.25
HUDSON AVE_GT_5 23657	32.26 2.58 0.00	28.40 1.96 0.00	26.09 1.77 0.00	24.29 1.69 0.00	24.23 1.65 0.00	24.77 1.66 0.00	27.25 1.92 0.00	30.07 2.33 0.00	31.35 2.69 0.00	33.14 2.90 0.00	35.50 3.05 0.00	37.54 3.04 0.00	39.69 3.41 0.00	42.24 3.59 0.00	44.43 3.67 0.00	49.40 4.16 0.00	55.78 4.79 0.00	63.29 5.44 0.00	57.95 4.59 0.00	49.49 3.75 0.00	44.68 3.00 0.00	41.13 2.69 -0.50	36.59 2.36 -0.52	32.56 2.10 -1.25
HUDSON_AVE_10 24168	32.23 2.55 0.00	28.32 1.88 0.00	26.01 1.70 0.00	24.22 1.63 0.00	24.16 1.58 0.00	24.70 1.59 0.00	27.19 1.87 0.00	30.02 2.27 0.00	31.29 2.64 0.00	33.08 2.84 0.00	35.44 2.99 0.00	37.47 2.97 0.00	39.62 3.34 0.00	42.16 3.52 0.00	44.31 3.55 0.00	49.35 4.12 0.00	55.68 4.69 0.00	63.17 5.32 0.00	57.90 4.54 0.00	49.40 3.66 0.00	44.60 2.92 0.00	41.05 2.62 -0.50	36.49 2.26 -0.52	32.47 2.02 -1.25
HUDSON___115KV_TB 4 355613	31.10 1.42 0.00	27.63 1.19 0.00	25.40 1.09 0.00	23.63 1.04 0.00	23.62 1.04 0.00	24.10 0.99 0.00	26.41 1.09 0.00	28.82 1.08 0.00	29.71 1.06 0.00	31.02 0.79 0.00	33.13 0.68 0.00	35.23 0.72 0.00	37.30 1.02 0.00	39.73 1.08 0.00	42.02 1.26 0.00	46.86 1.63 0.00	53.13 2.14 0.00	60.63 2.78 0.00	56.14 2.77 0.00	48.16 2.42 0.00	43.72 2.04 0.00	39.71 1.78 0.00	35.09 1.38 0.00	30.35 1.14 0.00
HUNTER MOUNT___DRP 323613	31.25 1.57 0.00	27.74 1.30 0.00	25.53 1.22 0.00	23.74 1.15 0.00	23.74 1.15 0.00	24.17 1.06 0.00	26.49 1.16 0.00	28.88 1.14 0.00	29.71 1.06 0.00	31.05 0.82 0.00	33.13 0.68 0.00	35.26 0.76 0.00	37.37 1.09 0.00	39.85 1.20 0.00	42.23 1.47 0.00	47.09 1.85 0.00	53.43 2.45 0.00	61.09 3.24 0.00	56.56 3.20 0.00	48.53 2.79 0.00	44.10 2.42 0.00	40.30 2.12 -0.24	35.58 1.62 -0.25	31.12 1.31 -0.60
HUNTINGTON_RES_REC 323705	34.34 2.76 -1.90	32.41 2.17 -3.80	28.14 1.97 -1.87	24.44 1.85 0.00	25.71 1.83 -1.30	24.96 1.85 0.00	27.42 2.10 0.00	32.83 2.44 -2.65	34.67 2.81 -3.21	35.40 2.99 -2.17	39.20 3.21 -3.54	42.73 3.28 -4.95	42.61 3.66 -2.67	43.02 3.75 -0.63	44.75 3.87 -0.12	49.66 4.39 -0.04	55.92 4.90 -0.04	63.85 5.96 -0.04	58.47 5.07 -0.04	49.84 4.07 -0.04	45.02 3.34 0.00	42.87 3.07 -1.87	38.62 2.66 -2.25	37.68 2.34 -6.14
HUNTLEY___63 23557	28.88 -0.80 0.00	25.54 -0.90 0.00	23.65 -0.66 0.00	21.94 -0.66 0.00	22.00 -0.59 0.00	22.67 -0.44 0.00	24.13 -1.19 0.00	26.37 -1.39 -0.02	27.38 -1.29 -0.02	29.10 -1.15 -0.02	32.27 -0.19 -0.02	34.52 0.00 -0.02	35.68 -0.62 -0.02	38.39 -0.27 -0.02	40.74 -0.04 -0.02	44.08 -1.18 -0.02	49.93 -1.07 -0.02	55.96 -1.91 -0.02	51.51 -1.87 -0.02	43.83 -1.92 -0.02	40.41 -1.29 -0.02	37.38 -0.57 -0.02	33.43 -0.30 -0.02	29.12 -0.09 0.00
HUNTLEY___64 23558	28.88 -0.80 0.00	25.54 -0.90 0.00	23.65 -0.66 0.00	21.94 -0.66 0.00	22.00 -0.59 0.00	22.67 -0.44 0.00	24.13 -1.19 0.00	26.37 -1.39 -0.02	27.38 -1.29 -0.02	29.10 -1.15 -0.02	32.27 -0.19 -0.02	34.52 0.00 -0.02	35.68 -0.62 -0.02	38.39 -0.27 -0.02	40.74 -0.04 -0.02	44.08 -1.18 -0.02	49.93 -1.07 -0.02	55.96 -1.91 -0.02	51.51 -1.87 -0.02	43.83 -1.92 -0.02	40.41 -1.29 -0.02	37.38 -0.57 -0.02	33.43 -0.30 -0.02	29.12 -0.09 0.00
HUNTLEY___65 23559	28.88 -0.80 0.00	25.54 -0.90 0.00	23.65 -0.66 0.00	21.94 -0.66 0.00	22.00 -0.59 0.00	22.67 -0.44 0.00	24.13 -1.19 0.00	26.37 -1.39 -0.02	27.38 -1.29 -0.02	29.10 -1.15 -0.02	32.27 -0.19 -0.02	34.52 0.00 -0.02	35.68 -0.62 -0.02	38.39 -0.27 -0.02	40.74 -0.04 -0.02	44.08 -1.18 -0.02	49.93 -1.07 -0.02	55.96 -1.91 -0.02	51.51 -1.87 -0.02	43.83 -1.92 -0.02	40.41 -1.29 -0.02	37.38 -0.57 -0.02	33.43 -0.30 -0.02	29.12 -0.09 0.00
HUNTLEY___66 23560	28.88 -0.80 0.00	25.54 -0.90 0.00	23.65 -0.66 0.00	21.94 -0.66 0.00	22.00 -0.59 0.00	22.67 -0.44 0.00	24.13 -1.19 0.00	26.37 -1.39 -0.02	27.38 -1.29 -0.02	29.10 -1.15 -0.02	32.27 -0.19 -0.02	34.52 0.00 -0.02	35.68 -0.62 -0.02	38.39 -0.27 -0.02	40.74 -0.04 -0.02	44.08 -1.18 -0.02	49.93 -1.07 -0.02	55.96 -1.91 -0.02	51.51 -1.87 -0.02	43.83 -1.92 -0.02	40.41 -1.29 -0.02	37.38 -0.57 -0.02	33.43 -0.30 -0.02	29.12 -0.09 0.00

HUNTLEY___67 23561	28.73 -0.95 0.00	25.44 -1.00 0.00	23.53 -0.78 0.00	21.85 -0.75 0.00	21.91 -0.68 0.00	22.55 -0.55 0.00	24.05 -1.27 0.00	26.47 -1.28 0.00	27.51 -1.15 0.00	29.27 -0.97 0.00	32.36 -0.10 0.00	34.61 0.10 0.00	35.74 -0.54 0.00	38.38 -0.27 0.00	40.76 0.00 0.00	44.11 -1.13 0.00	49.97 -1.02 -0.01	56.01 -1.85 -0.01	51.60 -1.76 0.00	43.91 -1.83 0.00	40.43 -1.25 0.00	37.44 -0.49 0.00	33.51 -0.20 0.00	29.21 0.00 0.00
HUNTLEY___68 23562	28.73 -0.95 0.00	25.44 -1.00 0.00	23.53 -0.78 0.00	21.85 -0.75 0.00	21.91 -0.68 0.00	22.55 -0.55 0.00	24.05 -1.27 0.00	26.47 -1.28 0.00	27.51 -1.15 0.00	29.27 -0.97 0.00	32.36 -0.10 0.00	34.61 0.10 0.00	35.74 -0.54 0.00	38.38 -0.27 0.00	40.76 0.00 0.00	44.11 -1.13 0.00	49.97 -1.02 -0.01	56.01 -1.85 -0.01	51.60 -1.76 0.00	43.91 -1.83 0.00	40.43 -1.25 0.00	37.44 -0.49 0.00	33.51 -0.20 0.00	29.21 0.00 0.00
HYLAND___LFGE 323620	30.66 0.98 0.00	27.08 0.63 0.00	25.02 0.71 0.00	23.16 0.57 0.00	23.28 0.70 0.00	24.01 0.90 0.00	25.88 0.56 0.00	28.10 0.36 0.00	28.45 -0.20 0.00	29.96 -0.27 0.00	32.32 -0.13 0.00	34.40 -0.10 0.00	35.88 -0.40 0.00	37.14 -1.51 0.00	39.98 -0.78 0.00	43.65 -1.58 0.00	50.14 -0.71 0.14	55.77 -2.08 0.00	53.15 -0.21 0.00	45.87 0.14 0.00	42.68 1.00 0.00	39.29 1.36 0.00	34.72 1.01 0.00	30.93 1.72 0.00
INDECK___CORINTH 23802	32.05 2.38 0.00	28.48 2.04 0.00	26.11 1.80 0.00	24.26 1.67 0.00	24.23 1.65 0.00	24.82 1.71 0.00	27.22 1.90 0.00	29.96 2.22 0.00	31.06 2.41 0.00	32.72 2.48 0.00	34.69 2.24 0.00	37.02 2.52 0.00	39.07 2.79 0.00	41.28 2.63 0.00	43.57 2.81 0.00	48.77 3.53 0.00	55.27 4.28 0.00	63.35 5.50 0.00	59.28 5.92 0.00	50.77 5.03 0.00	46.56 4.87 0.00	42.77 4.17 -0.67	37.77 3.37 -0.69	33.71 2.83 -1.67
INDECK___ILION 23567	29.97 0.30 0.00	26.68 0.24 0.00	24.53 0.22 0.00	22.77 0.18 0.00	22.76 0.18 0.00	23.32 0.21 0.00	25.57 0.25 0.00	27.91 0.17 0.00	28.82 0.17 0.00	30.45 0.21 0.00	32.68 0.23 0.00	34.78 0.28 0.00	36.64 0.36 0.00	39.03 0.39 0.00	41.17 0.41 0.00	45.73 0.50 0.00	51.46 0.66 0.19	58.60 0.75 0.00	54.06 0.69 0.00	46.38 0.64 0.00	42.18 0.50 0.00	38.35 0.42 0.00	34.02 0.30 0.00	29.47 0.26 0.00
INDECK___OLEAN 23982	29.02 -0.65 0.00	25.73 -0.71 0.00	23.75 -0.56 0.00	22.05 -0.54 0.00	22.13 -0.45 0.00	22.88 -0.23 0.00	24.54 -0.79 0.00	27.08 -0.67 0.00	27.94 -0.72 0.00	29.69 -0.54 0.00	32.49 0.03 0.00	34.78 0.27 0.00	36.25 -0.04 0.00	38.30 -0.35 0.00	40.80 0.04 0.00	44.29 -0.95 0.00	50.69 -0.30 -0.01	54.04 -3.82 -0.01	51.76 -1.60 0.00	44.32 -1.42 0.00	40.60 -1.08 0.00	37.59 -0.34 0.00	33.75 0.03 0.00	29.21 0.00 0.00
INDECK___OSWEGO 23783	29.00 -0.68 0.00	25.92 -0.53 0.00	23.82 -0.49 0.00	22.14 -0.45 0.00	22.13 -0.45 0.00	22.69 -0.42 0.00	24.81 -0.51 0.00	26.66 -1.08 0.00	27.45 -1.20 0.00	29.06 -1.18 0.00	31.29 -1.17 0.00	33.29 -1.21 0.00	35.01 -1.27 0.00	37.33 -1.31 0.00	39.54 -1.22 0.00	43.61 -1.63 0.00	49.11 -1.48 0.39	55.77 -2.08 0.00	51.60 -1.76 0.00	44.18 -1.56 0.00	40.35 -1.34 0.00	36.83 -1.10 0.00	32.63 -1.08 0.00	28.27 -0.94 0.00
INDECK___YERKES 23781	28.91 -0.77 0.00	25.60 -0.85 0.00	23.68 -0.63 0.00	21.96 -0.63 0.00	22.07 -0.52 0.00	22.69 -0.42 0.00	24.16 -1.16 0.00	26.62 -1.14 -0.02	27.41 -1.26 -0.02	29.16 -1.09 -0.02	32.28 -0.19 -0.02	34.59 0.07 -0.02	35.90 -0.40 -0.02	38.43 -0.23 -0.02	41.10 0.32 -0.02	44.12 -1.13 -0.02	50.70 -0.30 -0.02	54.75 -3.12 -0.02	51.51 -1.87 -0.02	43.88 -1.88 -0.02	40.45 -1.25 -0.02	37.57 -0.38 -0.02	33.49 -0.23 -0.02	29.18 -0.03 0.00
INDIAN POINT_GT_1 24139	31.84 2.17 0.00	28.11 1.67 0.00	25.82 1.51 0.00	24.01 1.42 0.00	23.98 1.40 0.00	24.52 1.41 0.00	26.94 1.62 0.00	29.65 1.91 0.00	30.86 2.21 0.00	32.56 2.33 0.00	34.89 2.43 0.00	36.95 2.45 0.00	39.04 2.76 0.00	41.55 2.90 0.00	43.69 2.93 0.00	48.63 3.39 0.00	54.96 3.98 0.00	62.42 4.57 0.00	57.26 3.90 0.00	48.94 3.20 0.00	44.22 2.54 0.00	40.76 2.28 -0.56	36.24 1.96 -0.57	32.31 1.72 -1.38
INDIAN POINT_GT_2 23659	31.84 2.17 0.00	28.11 1.67 0.00	25.82 1.51 0.00	24.01 1.42 0.00	23.98 1.40 0.00	24.52 1.41 0.00	26.94 1.62 0.00	29.65 1.91 0.00	30.86 2.21 0.00	32.56 2.33 0.00	34.89 2.43 0.00	36.95 2.45 0.00	39.04 2.76 0.00	41.55 2.90 0.00	43.69 2.93 0.00	48.63 3.39 0.00	54.96 3.98 0.00	62.42 4.57 0.00	57.26 3.90 0.00	48.94 3.20 0.00	44.22 2.54 0.00	40.76 2.28 -0.56	36.24 1.96 -0.57	32.31 1.72 -1.38
INDIAN POINT_GT_3 24019	31.84 2.17 0.00	28.11 1.67 0.00	25.82 1.51 0.00	24.01 1.42 0.00	23.98 1.40 0.00	24.52 1.41 0.00	26.94 1.62 0.00	29.65 1.91 0.00	30.86 2.21 0.00	32.56 2.33 0.00	34.89 2.43 0.00	36.95 2.45 0.00	39.04 2.76 0.00	41.55 2.90 0.00	43.69 2.93 0.00	48.63 3.39 0.00	54.96 3.98 0.00	62.42 4.57 0.00	57.26 3.90 0.00	48.94 3.20 0.00	44.22 2.54 0.00	40.76 2.28 -0.56	36.24 1.96 -0.57	32.31 1.72 -1.38
INDIAN POINT___2 23530	31.78 2.11 0.00	28.06 1.61 0.00	25.77 1.46 0.00	23.99 1.40 0.00	23.94 1.35 0.00	24.49 1.39 0.00	26.92 1.60 0.00	29.60 1.86 0.00	30.80 2.15 0.00	32.53 2.30 0.00	34.82 2.37 0.00	36.88 2.38 0.00	38.96 2.68 0.00	41.43 2.78 0.00	43.57 2.81 0.00	48.54 3.30 0.00	54.76 3.77 0.00	62.19 4.34 0.00	57.10 3.73 0.00	48.80 3.06 0.00	44.10 2.42 0.00	42.21 2.20 -2.08	37.73 1.89 -2.14	36.07 1.69 -5.16
INDIAN POINT___3 23531	31.78 2.11 0.00	28.06 1.61 0.00	25.79 1.48 0.00	23.99 1.40 0.00	23.94 1.36 0.00	24.49 1.39 0.00	26.92 1.60 0.00	29.60 1.86 0.00	30.80 2.15 0.00	32.53 2.30 0.00	34.82 2.37 0.00	36.88 2.38 0.00	38.96 2.68 0.00	41.43 2.78 0.00	43.57 2.81 0.00	48.49 3.26 0.00	54.81 3.82 0.00	62.19 4.34 0.00	57.04 3.68 0.00	48.76 3.02 0.00	44.10 2.42 0.00	40.65 2.16 -0.56	36.18 1.89 -0.58	32.26 1.66 -1.39
INGHAM_C_115KV_TB7 356103	29.94 0.27 0.00	26.66 0.21 0.00	24.50 0.19 0.00	22.73 0.14 0.00	22.72 0.14 0.00	23.29 0.18 0.00	25.55 0.23 0.00	27.85 0.11 0.00	28.77 0.11 0.00	30.42 0.18 0.00	32.61 0.16 0.00	34.71 0.21 0.00	36.61 0.33 0.00	38.99 0.35 0.00	41.13 0.37 0.00	45.69 0.45 0.00	51.41 0.61 0.19	58.60 0.75 0.00	54.06 0.69 0.00	46.33 0.59 0.00	42.14 0.46 0.00	38.35 0.42 0.00	33.98 0.27 0.00	29.41 0.20 0.00
IP CORINTH___1 23988	32.05 2.37 0.00	28.48 2.04 0.00	26.11 1.80 0.00	24.26 1.67 0.00	24.23 1.65 0.00	24.82 1.71 0.00	27.22 1.90 0.00	29.99 2.25 0.00	31.06 2.41 0.00	32.71 2.48 0.00	34.69 2.24 0.00	37.02 2.52 0.00	39.07 2.79 0.00	41.24 2.59 0.00	43.57 2.81 0.00	48.76 3.53 0.00	55.32 4.33 0.00	63.35 5.50 0.00	59.29 5.92 0.00	50.77 5.03 0.00	46.56 4.88 0.00	42.06 4.13 0.00	37.08 3.37 0.00	32.04 2.83 0.00

IP___TICONDEROGA 23804	33.45 3.77 0.00	29.80 3.36 0.00	27.23 2.92 0.00	25.30 2.71 0.00	25.27 2.69 0.00	25.90 2.80 0.00	28.46 3.14 0.00	31.26 3.52 0.00	32.41 3.75 0.00	34.17 3.93 0.00	36.22 3.76 0.00	38.78 4.28 0.00	40.85 4.57 0.00	43.17 4.52 0.00	45.65 4.89 0.00	51.21 5.97 0.00	58.22 7.24 0.00	67.05 9.20 0.00	62.86 9.50 0.00	53.83 8.10 0.00	49.35 7.67 0.00	44.49 6.56 0.00	39.11 5.39 0.00	33.71 4.50 0.00
ISLIP_RES_REC 323679	34.87 3.29 -1.90	32.83 2.59 -3.80	28.53 2.36 -1.87	24.81 2.22 0.00	26.10 2.21 -1.30	25.33 2.22 0.00	27.85 2.53 0.00	33.31 2.91 -2.65	35.24 3.38 -3.21	36.03 3.63 -2.17	39.92 3.93 -3.54	43.49 4.03 -4.95	43.37 4.42 -2.67	43.76 4.48 -0.63	45.58 4.73 -0.09	50.54 5.29 -0.01	56.91 5.91 -0.01	64.92 7.06 -0.01	59.56 6.19 -0.01	50.73 4.99 -0.01	45.89 4.21 0.00	43.59 3.79 -1.87	39.30 3.34 -2.25	38.30 2.95 -6.14
JAMAICA__27_KV_LOAD 355505	32.56 2.88 0.00	28.51 2.06 0.00	26.18 1.87 0.00	24.38 1.78 0.00	24.30 1.72 0.00	24.86 1.76 0.00	27.37 2.05 0.00	30.24 2.50 0.00	31.55 2.89 0.00	33.35 3.11 0.00	35.76 3.31 0.00	37.82 3.31 0.00	39.98 3.70 0.00	42.55 3.90 0.00	44.79 4.04 0.00	49.89 4.66 0.00	56.34 5.35 0.00	63.93 6.07 0.00	58.54 5.18 0.00	49.99 4.25 0.00	45.10 3.42 0.00	41.43 3.00 -0.50	36.82 2.60 -0.52	32.67 2.22 -1.25
JANIS___SOLAR 323808	31.04 1.37 0.00	27.66 1.22 0.00	25.41 1.09 0.00	23.50 0.90 0.00	23.53 0.95 0.00	24.29 1.18 0.00	26.69 1.37 0.00	29.18 1.44 0.00	29.83 1.18 0.00	31.51 1.27 0.00	33.72 1.26 0.00	35.99 1.48 0.00	37.95 1.67 0.00	40.54 1.89 0.00	43.04 2.28 0.00	47.54 2.31 0.00	54.45 3.47 0.00	61.56 3.71 0.00	57.47 4.11 0.00	49.49 3.75 0.00	45.35 3.67 0.00	41.27 3.34 0.00	36.31 2.60 0.00	31.25 2.04 0.00
JARVIS____ 23743	29.91 0.24 0.00	26.63 0.19 0.00	24.48 0.17 0.00	22.75 0.16 0.00	22.74 0.16 0.00	23.27 0.16 0.00	25.50 0.18 0.00	27.85 0.11 0.00	28.80 0.14 0.00	30.39 0.15 0.00	32.62 0.16 0.00	34.68 0.17 0.00	36.50 0.22 0.00	38.88 0.23 0.00	41.05 0.29 0.00	45.55 0.32 0.00	51.20 0.41 0.19	58.31 0.46 0.00	53.84 0.48 0.00	46.15 0.41 0.00	41.98 0.29 0.00	38.20 0.27 0.00	33.92 0.20 0.00	29.35 0.15 0.00
JENNISON___1 23625	31.22 1.54 0.00	27.79 1.35 0.00	25.53 1.22 0.00	23.59 0.99 0.00	23.60 1.02 0.00	24.36 1.25 0.00	26.84 1.52 0.00	30.38 2.64 0.00	31.17 2.52 0.00	32.99 2.75 0.00	35.21 2.76 0.00	37.61 3.11 0.00	39.80 3.52 0.00	42.55 3.90 0.00	45.08 4.32 0.00	49.94 4.70 0.00	57.00 6.02 0.00	65.26 7.40 0.00	60.51 7.15 0.00	52.19 6.45 0.00	47.73 6.04 0.00	43.20 5.27 0.00	37.89 4.18 0.00	32.57 3.36 0.00
JENNISON___2 23626	31.22 1.54 0.00	27.79 1.35 0.00	25.53 1.22 0.00	23.59 0.99 0.00	23.60 1.02 0.00	24.36 1.25 0.00	26.84 1.52 0.00	30.38 2.64 0.00	31.17 2.52 0.00	32.99 2.75 0.00	35.21 2.76 0.00	37.61 3.11 0.00	39.80 3.52 0.00	42.55 3.90 0.00	45.08 4.32 0.00	49.94 4.70 0.00	57.00 6.02 0.00	65.26 7.40 0.00	60.51 7.15 0.00	52.19 6.45 0.00	47.73 6.04 0.00	43.20 5.27 0.00	37.89 4.18 0.00	32.57 3.36 0.00
JERICHO_RISE_WT_PWR 323719	29.65 -0.03 0.00	26.55 0.11 0.00	24.33 0.02 0.00	22.57 -0.02 0.00	22.56 -0.02 0.00	23.06 -0.05 0.00	25.40 0.08 0.00	27.52 -0.22 0.00	28.28 -0.37 0.00	29.84 -0.39 0.00	32.03 -0.42 0.00	34.05 -0.45 0.00	35.66 -0.62 0.00	37.99 -0.66 0.00	39.86 -0.90 0.00	44.24 -1.00 0.00	47.76 -1.99 1.23	56.00 -1.85 0.00	51.49 -1.87 0.00	44.55 -1.19 0.00	41.52 -0.17 0.00	37.70 -0.23 0.00	33.54 -0.17 0.00	29.03 -0.17 0.00
KATONAH___115KV_46KV_TB4 355592	32.08 2.40 0.00	28.35 1.90 0.00	25.99 1.68 0.00	24.20 1.60 0.00	24.14 1.56 0.00	24.66 1.55 0.00	27.09 1.77 0.00	29.82 2.08 0.00	31.03 2.38 0.00	32.74 2.51 0.00	35.15 2.69 0.00	37.30 2.79 0.00	39.47 3.19 0.00	42.09 3.44 0.00	44.31 3.55 0.00	49.35 4.12 0.00	55.83 4.84 0.00	63.46 5.61 0.00	58.16 4.80 0.00	49.62 3.89 0.00	44.77 3.08 0.00	41.07 2.69 -0.45	36.47 2.29 -0.46	32.31 1.99 -1.11
KCE_NY_1 323755	31.64 1.96 0.00	28.14 1.69 0.00	25.82 1.51 0.00	23.99 1.40 0.00	23.96 1.38 0.00	24.52 1.41 0.00	26.87 1.54 0.00	29.60 1.86 0.00	30.63 1.98 0.00	32.26 2.03 0.00	34.40 1.95 0.00	36.68 2.18 0.00	38.71 2.43 0.00	41.12 2.48 0.00	43.37 2.61 0.00	48.49 3.26 0.00	54.86 3.87 0.00	62.71 4.86 0.00	58.33 4.96 0.00	49.99 4.25 0.00	45.56 3.88 0.00	41.95 3.34 -0.69	37.18 2.76 -0.70	33.25 2.34 -1.70
KCE_NY_6_ESR 323823	29.11 -0.56 0.00	25.78 -0.66 0.00	23.85 -0.46 0.00	22.12 -0.48 0.00	22.20 -0.38 0.00	22.88 -0.23 0.00	24.43 -0.89 0.00	27.05 -0.69 0.00	27.88 -0.77 0.00	29.66 -0.58 0.00	32.75 0.29 0.00	35.09 0.59 0.00	36.47 0.18 0.00	39.00 0.35 0.00	41.66 0.90 0.00	44.83 -0.41 0.00	51.45 0.46 -0.01	55.37 -2.49 -0.01	52.35 -1.02 0.00	44.60 -1.14 0.00	41.06 -0.62 0.00	38.12 0.19 0.00	33.98 0.27 0.00	29.56 0.35 0.00
KEDC_PORT_JEFF_GT2 24210	34.58 3.00 -1.90	32.59 2.35 -3.80	28.34 2.16 -1.87	24.63 2.03 0.00	25.89 2.01 -1.30	25.14 2.03 0.00	27.62 2.30 0.00	33.06 2.66 -2.65	34.93 3.07 -3.21	35.67 3.27 -2.17	39.43 3.44 -3.54	42.90 3.45 -4.95	42.79 3.84 -2.67	43.06 3.83 -0.59	44.89 4.04 -0.09	49.77 4.52 -0.01	55.74 4.74 -0.01	63.65 5.78 -0.01	58.39 5.01 -0.01	50.00 4.25 -0.01	45.22 3.54 0.00	42.99 3.19 -1.87	38.89 2.93 -2.25	37.95 2.60 -6.14
KEDC_PORT_JEFF_GT3 24211	34.58 3.00 -1.90	32.59 2.35 -3.80	28.34 2.16 -1.87	24.63 2.03 0.00	25.89 2.01 -1.30	25.14 2.03 0.00	27.62 2.30 0.00	33.06 2.66 -2.65	34.93 3.07 -3.21	35.67 3.27 -2.17	39.43 3.44 -3.54	42.90 3.45 -4.95	42.79 3.84 -2.67	43.06 3.83 -0.59	44.89 4.04 -0.09	49.77 4.52 -0.01	55.74 4.74 -0.01	63.65 5.78 -0.01	58.39 5.01 -0.01	50.00 4.25 -0.01	45.22 3.54 0.00	42.99 3.19 -1.87	38.89 2.93 -2.25	37.95 2.60 -6.14
KEDC_GLWD_GT4 24219	34.55 2.97 -1.90	32.59 2.35 -3.80	28.32 2.14 -1.87	24.58 1.99 0.00	25.85 1.96 -1.30	25.10 1.99 0.00	27.57 2.25 0.00	33.03 2.64 -2.65	34.87 3.01 -3.21	35.64 3.24 -2.17	39.50 3.51 -3.54	43.04 3.59 -4.95	42.90 3.96 -2.67	48.68 4.14 -5.89	45.44 3.91 -0.77	49.62 4.39 0.00	56.03 5.05 0.00	63.75 5.90 0.00	58.43 5.07 0.00	49.71 3.98 0.00	44.97 3.29 0.00	43.22 3.42 -1.87	38.89 2.93 -2.25	37.92 2.57 -6.14
KEDC_GLWD_GT5 24220	34.55 2.97 -1.90	32.59 2.35 -3.80	28.32 2.14 -1.87	24.58 1.99 0.00	25.85 1.96 -1.30	25.10 1.99 0.00	27.57 2.25 0.00	33.03 2.64 -2.65	34.87 3.01 -3.21	35.64 3.24 -2.17	39.50 3.51 -3.54	43.04 3.59 -4.95	42.90 3.96 -2.67	48.68 4.14 -5.89	45.44 3.91 -0.77	49.62 4.39 0.00	56.03 5.05 0.00	63.75 5.90 0.00	58.43 5.07 0.00	49.71 3.98 0.00	44.97 3.29 0.00	43.22 3.42 -1.87	38.89 2.93 -2.25	37.92 2.57 -6.14

KENSICO____ 23655	31.96 2.29 0.00	28.19 1.75 0.00	25.89 1.58 0.00	24.11 1.51 0.00	24.05 1.47 0.00	24.59 1.48 0.00	27.04 1.72 0.00	29.77 2.03 0.00	30.97 2.32 0.00	32.71 2.48 0.00	35.02 2.56 0.00	37.09 2.59 0.00	39.22 2.94 0.00	41.70 3.05 0.00	43.90 3.14 0.00	48.85 3.62 0.00	55.17 4.18 0.00	62.59 4.74 0.00	57.42 4.06 0.00	49.08 3.34 0.00	44.35 2.67 0.00	40.84 2.39 -0.52	36.33 2.09 -0.53	32.33 1.84 -1.28
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.78 2.11 0.00	28.03 1.59 0.00	25.77 1.46 0.00	23.97 1.38 0.00	23.92 1.33 0.00	24.40 1.29 0.00	26.87 1.54 0.00	29.46 1.72 0.00	30.63 1.98 0.00	32.35 2.12 0.00	34.66 2.21 0.00	36.71 2.21 0.00	38.89 2.61 0.00	41.47 2.82 0.00	43.78 3.02 0.00	48.72 3.48 0.00	55.11 4.13 0.00	62.65 4.80 0.00	57.36 4.00 0.00	49.08 3.34 0.00	44.35 2.67 0.00	40.62 2.31 -0.38	35.99 1.89 -0.39	31.75 1.61 -0.94
KIAC_JFK_GT1 23816	32.35 2.67 0.00	28.35 1.90 0.00	26.01 1.70 0.00	24.24 1.65 0.00	24.14 1.56 0.00	24.70 1.59 0.00	27.19 1.87 0.00	30.07 2.33 0.00	31.38 2.72 0.00	33.17 2.93 0.00	35.54 3.08 0.00	37.57 3.07 0.00	39.73 3.45 0.00	42.28 3.63 0.00	44.47 3.71 0.00	49.53 4.30 0.00	55.93 4.95 0.00	63.46 5.61 0.00	58.16 4.80 0.00	49.62 3.89 0.00	44.81 3.13 0.00	41.16 2.73 -0.50	36.55 2.33 -0.52	32.47 2.02 -1.25
KIAC_JFK_GT2 23817	32.35 2.67 0.00	28.35 1.90 0.00	26.01 1.70 0.00	24.24 1.65 0.00	24.14 1.56 0.00	24.70 1.59 0.00	27.19 1.87 0.00	30.07 2.33 0.00	31.38 2.72 0.00	33.17 2.93 0.00	35.54 3.08 0.00	37.57 3.07 0.00	39.73 3.45 0.00	42.28 3.63 0.00	44.47 3.71 0.00	49.53 4.30 0.00	55.93 4.95 0.00	63.46 5.61 0.00	58.16 4.80 0.00	49.62 3.89 0.00	44.81 3.13 0.00	41.16 2.73 -0.50	36.55 2.33 -0.52	32.47 2.02 -1.25
KIAC_JFK____ 323774	32.35 2.67 0.00	28.32 1.88 0.00	26.01 1.70 0.00	24.24 1.65 0.00	24.14 1.56 0.00	24.70 1.59 0.00	27.19 1.87 0.00	30.07 2.33 0.00	31.38 2.72 0.00	33.14 2.90 0.00	35.57 3.12 0.00	37.54 3.04 0.00	39.73 3.45 0.00	42.28 3.63 0.00	44.43 3.67 0.00	49.54 4.30 0.00	55.83 4.85 0.00	63.41 5.55 0.00	58.17 4.80 0.00	49.62 3.89 0.00	44.77 3.08 0.00	42.56 2.77 -1.87	37.95 2.32 -1.92	35.85 2.01 -4.63
KINTIGH____ 23543	28.67 -1.01 0.00	25.44 -1.00 0.00	23.51 -0.80 0.00	21.80 -0.79 0.00	21.86 -0.72 0.00	22.51 -0.60 0.00	24.05 -1.27 0.00	26.13 -1.61 0.00	27.13 -1.52 0.00	28.84 -1.39 0.00	31.77 -0.68 0.00	33.92 -0.59 0.00	35.05 -1.23 0.00	37.56 -1.08 0.00	39.94 -0.82 0.00	43.29 -1.95 0.00	48.91 -1.94 0.14	55.07 -2.78 0.00	50.85 -2.51 0.00	43.31 -2.42 0.00	39.89 -1.79 0.00	36.87 -1.06 0.00	32.97 -0.74 0.00	28.71 -0.50 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.39 0.71 0.00	27.29 0.85 0.00	24.99 0.68 0.00	23.13 0.54 0.00	23.15 0.56 0.00	23.66 0.55 0.00	26.11 0.78 0.00	28.05 0.31 0.00	28.77 0.11 0.00	30.33 0.09 0.00	32.61 0.16 0.00	34.68 0.17 0.00	36.32 0.04 0.00	38.72 0.08 0.00	40.64 -0.12 0.00	44.96 -0.27 0.00	48.60 -1.63 0.75	56.35 -1.50 0.00	51.97 -1.39 0.00	45.28 -0.46 0.00	42.85 1.17 0.00	38.92 0.99 0.00	34.49 0.78 0.00	29.82 0.61 0.00
LACHUTE__HYDRO 323717	33.45 3.77 0.00	29.80 3.36 0.00	27.23 2.92 0.00	25.30 2.71 0.00	25.25 2.66 0.00	25.90 2.79 0.00	28.46 3.14 0.00	31.24 3.50 0.00	32.41 3.75 0.00	34.16 3.93 0.00	36.22 3.76 0.00	38.78 4.28 0.00	40.85 4.57 0.00	43.21 4.56 0.00	45.65 4.89 0.00	51.21 5.97 0.00	58.18 7.19 0.00	66.93 9.08 0.00	62.86 9.50 0.00	53.83 8.10 0.00	49.35 7.67 0.00	45.20 6.60 -0.67	39.80 5.39 -0.69	35.38 4.50 -1.67
LAWRNCV_115KV_TB1 80681	28.58 -1.10 0.00	25.60 -0.85 0.00	23.48 -0.83 0.00	21.78 -0.81 0.00	21.77 -0.81 0.00	22.28 -0.83 0.00	24.59 -0.73 0.00	26.74 -1.00 0.00	27.48 -1.17 0.00	29.00 -1.24 0.00	31.09 -1.36 0.00	33.09 -1.41 0.00	34.72 -1.56 0.00	36.83 -1.82 0.00	38.72 -2.04 0.00	42.97 -2.26 0.00	38.57 -3.57 8.85	54.09 -3.76 0.00	49.89 -3.47 0.00	42.99 -2.74 0.00	39.68 -2.00 0.00	36.60 -1.33 0.00	32.50 -1.21 0.00	28.13 -1.08 0.00
LEDERLE____ 23769	31.93 2.26 0.00	28.19 1.75 0.00	25.89 1.58 0.00	24.11 1.51 0.00	24.05 1.47 0.00	24.59 1.48 0.00	27.04 1.72 0.00	29.74 2.00 0.00	30.97 2.32 0.00	32.71 2.48 0.00	35.02 2.56 0.00	37.09 2.59 0.00	39.22 2.94 0.00	41.70 3.05 0.00	43.90 3.14 0.00	48.81 3.57 0.00	55.17 4.18 0.00	62.59 4.74 0.00	57.36 4.00 0.00	49.03 3.29 0.00	44.31 2.63 0.00	41.29 2.39 -0.97	36.76 2.06 -0.99	33.42 1.81 -2.40
LIGHTHSE_115KV_TB6 355974	29.17 -0.50 0.00	26.05 -0.40 0.00	23.95 -0.36 0.00	22.23 -0.36 0.00	22.22 -0.36 0.00	22.83 -0.28 0.00	25.04 -0.28 0.00	26.91 -0.83 0.00	27.74 -0.92 0.00	29.36 -0.88 0.00	31.54 -0.91 0.00	33.57 -0.93 0.00	35.23 -1.05 0.00	37.64 -1.00 0.00	39.74 -1.02 0.00	43.92 -1.31 0.00	48.87 -1.22 0.89	56.40 -1.45 0.00	52.24 -1.12 0.00	44.82 -0.91 0.00	41.01 -0.67 0.00	37.48 -0.46 0.00	33.14 -0.57 0.00	28.65 -0.55 0.00
LINDEN COGEN____ 23786	32.08 2.40 0.00	28.24 1.80 0.00	25.91 1.60 0.00	24.13 1.54 0.00	24.07 1.49 0.00	24.63 1.52 0.00	27.09 1.77 0.00	29.91 2.17 0.00	31.18 2.52 0.00	32.93 2.69 0.00	35.31 2.86 0.00	37.26 2.76 0.00	39.36 3.08 0.00	41.85 3.21 0.00	43.98 3.22 0.00	48.99 3.75 0.00	55.21 4.23 0.00	62.71 4.86 0.00	57.53 4.16 0.00	49.07 3.34 0.00	44.31 2.63 0.00	42.19 2.39 -1.87	37.72 2.09 -1.92	35.71 1.87 -4.63
LINDHRST_69_KV_BK1 356055	34.85 3.26 -1.90	32.83 2.59 -3.80	28.56 2.38 -1.87	24.81 2.21 0.00	26.10 2.21 -1.30	25.35 2.24 0.00	27.85 2.53 0.00	33.31 2.91 -2.65	35.15 3.30 -3.21	35.91 3.51 -2.17	39.72 3.73 -3.54	43.32 3.86 -4.95	43.12 4.17 -2.67	44.17 4.29 -1.23	45.36 4.44 -0.16	50.17 4.93 0.00	56.59 5.61 0.00	64.56 6.71 0.00	59.07 5.71 0.00	50.40 4.67 0.00	45.64 3.96 0.00	42.04 3.60 -0.50	37.80 3.24 -0.85	34.82 2.86 -2.75
LIPA_MISC_IPP 23656	34.49 2.91 -1.90	32.51 2.27 -3.80	28.27 2.09 -1.87	24.56 1.97 0.00	25.85 1.96 -1.30	25.07 1.96 0.00	27.55 2.23 0.00	32.97 2.58 -2.65	34.87 3.01 -3.21	35.61 3.20 -2.17	39.43 3.44 -3.54	43.00 3.55 -4.95	42.87 3.92 -2.67	43.15 3.94 -0.57	44.96 4.12 -0.08	49.86 4.61 -0.01	56.25 5.25 -0.01	64.22 6.36 -0.01	58.81 5.44 -0.01	50.14 4.39 -0.01	45.31 3.63 0.00	41.70 3.26 -0.50	37.46 2.90 -0.85	34.53 2.57 -2.75
LISF__SOLAR 323691	34.58 3.00 -1.90	32.57 2.33 -3.80	28.32 2.14 -1.87	24.60 2.01 0.00	25.89 2.01 -1.30	25.12 2.01 0.00	27.60 2.28 0.00	33.00 2.61 -2.65	34.93 3.07 -3.21	35.67 3.27 -2.17	39.50 3.51 -3.54	43.04 3.59 -4.95	42.90 3.96 -2.67	43.20 3.98 -0.57	45.04 4.20 -0.08	49.95 4.70 -0.01	56.35 5.35 -0.01	64.34 6.48 -0.01	59.03 5.65 -0.01	50.28 4.53 -0.01	45.43 3.75 0.00	43.22 3.42 -1.87	38.96 3.00 -2.25	38.00 2.66 -6.14

LITTLE FALLS___HYD 24013	29.94 0.27 0.00	26.66 0.21 0.00	24.50 0.19 0.00	22.73 0.14 0.00	22.72 0.14 0.00	23.29 0.18 0.00	25.55 0.23 0.00	27.85 0.11 0.00	28.77 0.11 0.00	30.42 0.18 0.00	32.61 0.16 0.00	34.71 0.21 0.00	36.61 0.33 0.00	38.99 0.35 0.00	41.13 0.37 0.00	45.69 0.45 0.00	51.41 0.61 0.19	58.60 0.75 0.00	54.06 0.69 0.00	46.33 0.59 0.00	42.14 0.46 0.00	38.35 0.42 0.00	33.98 0.27 0.00	29.41 0.20 0.00
LITTLRIV_115KV_TB1 356100	28.82 -0.86 0.00	25.84 -0.61 0.00	23.70 -0.61 0.00	21.94 -0.66 0.00	21.95 -0.63 0.00	22.48 -0.62 0.00	24.87 -0.46 0.00	26.99 -0.75 0.00	27.71 -0.95 0.00	29.27 -0.97 0.00	31.35 -1.10 0.00	33.40 -1.10 0.00	35.05 -1.23 0.00	37.18 -1.47 0.00	39.13 -1.63 0.00	43.38 -1.85 0.00	39.42 -3.11 8.45	54.61 -3.24 0.00	50.48 -2.88 0.00	43.59 -2.15 0.00	40.26 -1.42 0.00	37.10 -0.83 0.00	32.90 -0.81 0.00	28.42 -0.79 0.00
LI_NEWBRDGE___DRP 323616	34.19 2.61 -1.90	32.28 2.04 -3.80	28.05 1.87 -1.87	24.35 1.76 0.00	25.62 1.74 -1.30	24.86 1.76 0.00	27.32 2.00 0.00	32.75 2.36 -2.65	34.52 2.66 -3.21	35.25 2.84 -2.17	38.94 2.95 -3.54	42.45 3.00 -4.95	42.29 3.34 -2.67	42.13 3.48 0.00	44.26 3.51 0.00	49.13 3.89 0.00	55.52 4.54 0.00	63.17 5.32 0.00	57.84 4.48 0.00	49.35 3.61 0.00	44.64 2.96 0.00	41.13 2.69 -0.50	36.99 2.43 -0.85	34.12 2.16 -2.75
LOCKPORT_115KV_TB60_63_64 80432	28.76 -0.92 0.00	25.47 -0.98 0.00	23.56 -0.75 0.00	21.87 -0.72 0.00	21.93 -0.65 0.00	22.58 -0.53 0.00	24.03 -1.29 0.00	26.22 -1.53 0.00	27.22 -1.43 0.00	28.94 -1.30 0.00	32.07 -0.39 0.00	34.27 -0.24 0.00	35.34 -0.94 0.00	37.99 -0.66 0.00	40.40 -0.37 0.00	43.61 -1.63 0.00	49.22 -1.63 0.13	55.37 -2.49 -0.01	51.13 -2.24 0.00	43.50 -2.24 0.00	40.14 -1.54 0.00	37.18 -0.76 0.00	33.28 -0.44 0.00	29.03 -0.18 0.00
LOCKPORT___CC1 323769	28.76 -0.92 0.00	25.44 -1.00 0.00	23.56 -0.75 0.00	21.85 -0.74 0.00	21.95 -0.63 0.00	22.55 -0.55 0.00	24.00 -1.32 0.00	26.41 -1.33 0.00	27.20 -1.46 0.00	28.94 -1.30 0.00	32.00 -0.45 0.00	34.23 -0.28 0.00	35.52 -0.76 0.00	37.92 -0.74 0.00	40.64 -0.12 0.00	43.57 -1.67 0.00	49.88 -0.97 0.13	54.15 -3.70 0.00	50.97 -2.40 0.00	43.41 -2.33 0.00	40.10 -1.58 0.00	37.25 -0.68 0.00	33.28 -0.44 0.00	29.00 -0.20 0.00
LOCKPORT___CC2 323770	28.76 -0.92 0.00	25.44 -1.00 0.00	23.56 -0.75 0.00	21.85 -0.74 0.00	21.95 -0.63 0.00	22.55 -0.55 0.00	24.00 -1.32 0.00	26.41 -1.33 0.00	27.20 -1.46 0.00	28.94 -1.30 0.00	32.00 -0.45 0.00	34.23 -0.28 0.00	35.52 -0.76 0.00	37.92 -0.74 0.00	40.64 -0.12 0.00	43.57 -1.67 0.00	49.88 -0.97 0.13	54.15 -3.70 0.00	50.97 -2.40 0.00	43.41 -2.33 0.00	40.10 -1.58 0.00	37.25 -0.68 0.00	33.28 -0.44 0.00	29.00 -0.20 0.00
LOCKPORT___CC3 323771	28.76 -0.92 0.00	25.44 -1.00 0.00	23.56 -0.75 0.00	21.85 -0.74 0.00	21.95 -0.63 0.00	22.55 -0.55 0.00	24.00 -1.32 0.00	26.41 -1.33 0.00	27.20 -1.46 0.00	28.94 -1.30 0.00	32.00 -0.45 0.00	34.23 -0.28 0.00	35.52 -0.76 0.00	37.92 -0.74 0.00	40.64 -0.12 0.00	43.57 -1.67 0.00	49.88 -0.97 0.13	54.15 -3.70 0.00	50.97 -2.40 0.00	43.41 -2.33 0.00	40.10 -1.58 0.00	37.25 -0.68 0.00	33.28 -0.44 0.00	29.00 -0.20 0.00
LONG_LAKE_PHOENIX 24014	29.11 -0.56 0.00	25.99 -0.45 0.00	23.92 -0.39 0.00	22.23 -0.36 0.00	22.22 -0.36 0.00	22.78 -0.32 0.00	24.92 -0.41 0.00	26.77 -0.97 0.00	27.59 -1.06 0.00	29.21 -1.03 0.00	31.48 -0.97 0.00	33.54 -0.97 0.00	35.19 -1.09 0.00	37.60 -1.04 0.00	39.78 -0.98 0.00	43.92 -1.31 0.00	49.51 -1.17 0.30	56.29 -1.56 0.00	51.97 -1.39 0.00	44.50 -1.23 0.00	40.64 -1.04 0.00	37.02 -0.91 0.00	32.87 -0.84 0.00	28.45 -0.76 0.00
LOVETT___3 23632	31.75 2.08 0.00	28.03 1.59 0.00	25.74 1.43 0.00	23.97 1.38 0.00	23.92 1.33 0.00	24.47 1.36 0.00	26.89 1.57 0.00	29.57 1.83 0.00	30.77 2.12 0.00	32.50 2.27 0.00	34.79 2.34 0.00	36.85 2.35 0.00	38.89 2.61 0.00	41.31 2.67 0.00	43.45 2.69 0.00	48.31 3.08 0.00	54.60 3.62 0.00	61.96 4.11 0.00	56.83 3.47 0.00	48.57 2.84 0.00	43.93 2.25 0.00	40.81 2.05 -0.83	36.35 1.79 -0.85	32.87 1.61 -2.05
LOVETT___4 23642	31.75 2.08 0.00	28.03 1.59 0.00	25.74 1.43 0.00	23.97 1.38 0.00	23.92 1.33 0.00	24.47 1.36 0.00	26.89 1.57 0.00	29.57 1.83 0.00	30.77 2.12 0.00	32.50 2.27 0.00	34.79 2.34 0.00	36.85 2.35 0.00	38.89 2.61 0.00	41.31 2.67 0.00	43.45 2.69 0.00	48.31 3.08 0.00	54.60 3.62 0.00	61.96 4.11 0.00	56.83 3.47 0.00	48.57 2.84 0.00	43.93 2.25 0.00	40.81 2.05 -0.83	36.35 1.79 -0.85	32.87 1.61 -2.05
LOVETT___5 23593	31.75 2.08 0.00	28.03 1.59 0.00	25.74 1.43 0.00	23.97 1.38 0.00	23.92 1.33 0.00	24.47 1.36 0.00	26.89 1.57 0.00	29.57 1.83 0.00	30.77 2.12 0.00	32.50 2.27 0.00	34.79 2.34 0.00	36.85 2.35 0.00	38.89 2.61 0.00	41.31 2.67 0.00	43.45 2.69 0.00	48.31 3.08 0.00	54.60 3.62 0.00	61.96 4.11 0.00	56.83 3.47 0.00	48.57 2.84 0.00	43.93 2.25 0.00	40.81 2.05 -0.83	36.35 1.79 -0.85	32.87 1.61 -2.05
LOWER RAQUET___HYD 24057	28.40 -1.28 0.00	25.47 -0.98 0.00	23.36 -0.95 0.00	21.64 -0.95 0.00	21.64 -0.95 0.00	22.16 -0.95 0.00	24.46 -0.86 0.00	26.58 -1.16 0.00	27.34 -1.32 0.00	28.85 -1.39 0.00	30.90 -1.56 0.00	32.88 -1.62 0.00	34.50 -1.78 0.00	36.68 -1.97 0.00	38.48 -2.28 0.00	42.75 -2.49 0.00	39.08 -3.82 8.08	53.98 -3.88 0.00	49.63 -3.74 0.00	42.81 -2.93 0.00	39.51 -2.17 0.00	36.22 -1.71 0.00	32.33 -1.38 0.00	27.98 -1.23 0.00
LOWER___HUDSON 24059	31.07 1.40 0.00	27.58 1.14 0.00	25.36 1.04 0.00	23.58 0.99 0.00	23.55 0.97 0.00	24.08 0.97 0.00	26.38 1.06 0.00	28.88 1.14 0.00	29.88 1.23 0.00	31.41 1.18 0.00	33.56 1.10 0.00	35.68 1.17 0.00	37.69 1.41 0.00	40.12 1.47 0.00	42.31 1.55 0.00	47.22 1.99 0.00	53.33 2.35 0.00	60.80 2.95 0.00	56.30 2.93 0.00	48.25 2.51 0.00	43.85 2.17 0.00	40.51 1.86 -0.72	35.97 1.52 -0.74	32.31 1.32 -1.79
LOWVILLE_115KV_TB2 356335	29.47 -0.21 0.00	26.29 -0.16 0.00	24.14 -0.17 0.00	22.32 -0.27 0.00	22.34 -0.25 0.00	22.99 -0.12 0.00	25.40 0.08 0.00	27.44 -0.31 0.00	28.25 -0.40 0.00	29.90 -0.33 0.00	32.03 -0.42 0.00	34.12 -0.38 0.00	35.95 -0.33 0.00	38.34 -0.31 0.00	40.39 -0.37 0.00	44.78 -0.45 0.00	48.21 -0.46 2.32	57.62 -0.23 0.00	53.36 0.00 0.00	46.01 0.27 0.00	42.14 0.46 0.00	38.39 0.46 0.00	33.85 0.13 0.00	29.18 -0.03 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.61 1.93 0.00	28.11 1.67 0.00	25.79 1.48 0.00	23.99 1.40 0.00	23.96 1.38 0.00	24.49 1.39 0.00	26.84 1.52 0.00	29.60 1.86 0.00	30.63 1.98 0.00	32.23 2.00 0.00	34.37 1.91 0.00	36.64 2.14 0.00	38.71 2.43 0.00	41.04 2.40 0.00	43.37 2.61 0.00	48.45 3.21 0.00	54.91 3.93 0.00	62.65 4.80 0.00	58.27 4.91 0.00	49.94 4.21 0.00	45.52 3.83 0.00	41.23 3.30 0.00	36.44 2.73 0.00	31.52 2.31 0.00

LUTHERNY_35_KV_BK2 355980	31.64 1.96 0.00	28.14 1.69 0.00	25.82 1.51 0.00	23.99 1.40 0.00	23.96 1.38 0.00	24.52 1.41 0.00	26.87 1.54 0.00	29.63 1.89 0.00	30.63 1.98 0.00	32.26 2.03 0.00	34.40 1.95 0.00	36.68 2.17 0.00	38.71 2.43 0.00	41.08 2.43 0.00	43.41 2.65 0.00	48.49 3.26 0.00	54.96 3.98 0.00	62.77 4.92 0.00	58.32 4.96 0.00	49.99 4.25 0.00	45.56 3.88 0.00	41.27 3.34 0.00	36.48 2.76 0.00	31.54 2.34 0.00
LWR___OSWEGATCHIE_HYD 23850	28.58 -1.10 0.00	25.57 -0.87 0.00	23.46 -0.85 0.00	21.71 -0.88 0.00	21.73 -0.86 0.00	22.30 -0.81 0.00	24.64 -0.68 0.00	26.69 -1.05 0.00	27.45 -1.20 0.00	29.03 -1.21 0.00	31.09 -1.36 0.00	33.12 -1.38 0.00	34.79 -1.49 0.00	37.02 -1.62 0.00	38.97 -1.79 0.00	43.25 -1.99 0.00	42.74 -2.75 5.49	55.02 -2.83 0.00	50.91 -2.45 0.00	43.95 -1.78 0.00	40.43 -1.25 0.00	37.02 -0.91 0.00	32.70 -1.01 0.00	28.24 -0.96 0.00
LYONS_FALL_HYD 23570	29.83 0.15 0.00	26.60 0.16 0.00	24.43 0.12 0.00	22.61 0.02 0.00	22.61 0.02 0.00	23.25 0.14 0.00	25.65 0.33 0.00	27.80 0.06 0.00	28.65 0.00 0.00	30.33 0.09 0.00	32.49 0.03 0.00	34.61 0.10 0.00	36.50 0.22 0.00	38.92 0.27 0.00	41.05 0.29 0.00	45.51 0.27 0.00	49.90 0.46 1.54	58.43 0.58 0.00	54.11 0.75 0.00	46.60 0.87 0.00	42.60 0.92 0.00	38.73 0.80 0.00	34.22 0.51 0.00	29.53 0.32 0.00
MADISON___COUNTY_LFGE 323628	30.42 0.74 0.00	27.10 0.66 0.00	24.92 0.61 0.00	23.07 0.47 0.00	23.08 0.50 0.00	23.73 0.62 0.00	26.11 0.78 0.00	28.27 0.53 0.00	29.17 0.52 0.00	30.87 0.63 0.00	33.13 0.68 0.00	35.33 0.83 0.00	37.22 0.94 0.00	39.77 1.12 0.00	41.98 1.22 0.00	46.50 1.27 0.00	52.24 1.73 0.48	59.88 2.02 0.00	55.28 1.92 0.00	47.48 1.74 0.00	43.35 1.67 0.00	39.41 1.48 0.00	34.82 1.11 0.00	30.08 0.88 0.00
MALONE___115KV_TB1 356076	29.56 -0.12 0.00	26.50 0.05 0.00	24.29 -0.02 0.00	22.50 -0.09 0.00	22.52 -0.07 0.00	23.02 -0.09 0.00	25.40 0.08 0.00	27.55 -0.19 0.00	28.28 -0.37 0.00	29.84 -0.39 0.00	32.03 -0.42 0.00	34.09 -0.41 0.00	35.70 -0.58 0.00	37.99 -0.66 0.00	39.90 -0.86 0.00	44.24 -1.00 0.00	45.94 -2.09 2.95	55.77 -2.08 0.00	51.44 -1.92 0.00	44.46 -1.28 0.00	41.47 -0.21 0.00	37.82 -0.11 0.00	33.54 -0.17 0.00	29.00 -0.20 0.00
MAPLEWOD_115KV_TB3 80458	30.83 1.16 0.00	27.40 0.95 0.00	25.21 0.90 0.00	23.43 0.84 0.00	23.42 0.84 0.00	23.92 0.81 0.00	26.21 0.89 0.00	28.66 0.92 0.00	29.63 0.97 0.00	31.14 0.91 0.00	33.33 0.88 0.00	35.43 0.93 0.00	37.48 1.20 0.00	39.88 1.24 0.00	42.10 1.35 0.00	46.91 1.67 0.00	53.13 2.14 0.00	60.40 2.55 0.00	55.82 2.45 0.00	47.84 2.10 0.00	43.43 1.75 0.00	39.41 1.48 0.00	34.93 1.21 0.00	30.23 1.02 0.00
MAPLE_RIDGE_WT_1 323574	29.26 -0.42 0.00	26.13 -0.32 0.00	24.02 -0.29 0.00	22.30 -0.29 0.00	22.29 -0.29 0.00	22.78 -0.32 0.00	24.97 -0.35 0.00	27.24 -0.50 0.00	28.11 -0.55 0.00	29.69 -0.54 0.00	31.90 -0.55 0.00	33.92 -0.59 0.00	35.59 -0.69 0.00	37.91 -0.74 0.00	39.90 -0.86 0.00	44.33 -0.90 0.00	50.11 -1.27 -0.39	56.58 -1.27 0.00	52.08 -1.28 0.00	44.69 -1.05 0.00	40.76 -0.92 0.00	37.06 -0.87 0.00	32.90 -0.81 0.00	28.48 -0.73 0.00
MAPLE_RIDGE_WT_2 323611	29.26 -0.42 0.00	26.13 -0.32 0.00	24.02 -0.29 0.00	22.30 -0.29 0.00	22.29 -0.29 0.00	22.78 -0.32 0.00	24.97 -0.35 0.00	27.24 -0.50 0.00	28.11 -0.55 0.00	29.69 -0.54 0.00	31.90 -0.55 0.00	33.92 -0.59 0.00	35.59 -0.69 0.00	37.91 -0.74 0.00	39.90 -0.86 0.00	44.33 -0.90 0.00	50.11 -1.27 -0.39	56.58 -1.27 0.00	52.08 -1.28 0.00	44.69 -1.05 0.00	40.76 -0.92 0.00	37.06 -0.87 0.00	32.90 -0.81 0.00	28.48 -0.73 0.00
MARBLE_RIVER_WT_PWR 323696	29.89 0.21 0.00	26.76 0.32 0.00	24.53 0.22 0.00	22.73 0.14 0.00	22.74 0.16 0.00	23.25 0.14 0.00	25.60 0.28 0.00	27.66 -0.08 0.00	28.42 -0.23 0.00	29.99 -0.24 0.00	32.23 -0.23 0.00	34.26 -0.24 0.00	35.88 -0.40 0.00	38.22 -0.42 0.00	40.11 -0.65 0.00	44.47 -0.77 0.00	48.65 -1.83 0.50	56.12 -1.73 0.00	51.65 -1.71 0.00	44.77 -0.96 0.00	41.89 0.21 0.00	38.04 0.11 0.00	33.81 0.10 0.00	29.27 0.06 0.00
MARSHVLE_115KV_TB1 80742	32.29 2.61 0.00	28.77 2.33 0.00	26.35 2.04 0.00	24.47 1.88 0.00	24.46 1.87 0.00	25.09 1.99 0.00	27.78 2.46 0.00	29.85 2.11 0.00	30.60 1.95 0.00	32.14 1.90 0.00	34.37 1.91 0.00	36.75 2.24 0.00	38.53 2.25 0.00	41.04 2.40 0.00	43.41 2.65 0.00	48.40 3.17 0.00	55.17 4.18 0.00	63.87 6.02 0.00	59.93 6.56 0.00	51.59 5.85 0.00	47.02 5.34 0.00	42.67 4.74 0.00	37.56 3.84 0.00	32.33 3.13 0.00
MARSH_HILL_WT_PWR 323713	29.94 0.27 0.00	26.60 0.16 0.00	24.53 0.22 0.00	22.77 0.18 0.00	22.83 0.25 0.00	23.52 0.42 0.00	25.40 0.08 0.00	27.82 0.08 0.00	28.83 0.17 0.00	30.54 0.30 0.00	33.36 0.91 0.00	35.68 1.17 0.00	37.30 1.01 0.00	39.69 1.04 0.00	42.27 1.51 0.00	46.01 0.77 0.00	52.72 1.73 0.00	57.68 -0.17 0.00	54.27 0.91 0.00	46.33 0.59 0.00	42.56 0.88 0.00	39.26 1.33 0.00	34.82 1.11 0.00	30.17 0.96 0.00
MCINTYRE_115KV_TB2 80467	29.11 -0.56 0.00	26.13 -0.32 0.00	23.97 -0.34 0.00	22.19 -0.41 0.00	22.18 -0.41 0.00	22.74 -0.37 0.00	25.12 -0.20 0.00	27.27 -0.47 0.00	27.99 -0.66 0.00	29.51 -0.73 0.00	31.61 -0.84 0.00	33.64 -0.86 0.00	35.30 -0.98 0.00	37.49 -1.16 0.00	39.46 -1.30 0.00	43.74 -1.49 0.00	39.23 -2.70 9.05	55.13 -2.72 0.00	50.96 -2.40 0.00	44.04 -1.69 0.00	40.72 -0.96 0.00	37.51 -0.42 0.00	33.27 -0.44 0.00	28.77 -0.44 0.00
MECO_____69_KV_BK1 80468	33.45 3.77 0.00	29.83 3.38 0.00	27.25 2.94 0.00	25.30 2.71 0.00	25.29 2.71 0.00	25.97 2.87 0.00	28.97 3.65 0.00	31.26 3.52 0.00	32.21 3.55 0.00	33.95 3.72 0.00	36.22 3.76 0.00	38.71 4.21 0.00	40.56 4.28 0.00	43.17 4.52 0.00	45.69 4.93 0.00	51.34 6.11 0.00	58.73 7.75 0.00	68.15 10.30 0.00	63.61 10.25 0.00	54.38 8.64 0.00	49.43 7.75 0.00	44.68 6.75 0.00	39.17 5.46 0.00	33.71 4.50 0.00
MENANDS___115KV_TB5 355628	30.66 0.98 0.00	27.21 0.77 0.00	25.06 0.75 0.00	23.29 0.70 0.00	23.31 0.72 0.00	23.78 0.67 0.00	26.03 0.71 0.00	28.49 0.75 0.00	29.46 0.80 0.00	30.96 0.73 0.00	33.13 0.68 0.00	35.23 0.72 0.00	37.26 0.98 0.00	39.65 1.00 0.00	41.82 1.06 0.00	46.59 1.36 0.00	52.72 1.73 0.00	59.93 2.08 0.00	55.39 2.03 0.00	47.43 1.69 0.00	43.06 1.38 0.00	39.07 1.14 0.00	34.66 0.94 0.00	30.03 0.82 0.00
MG INDUSTRY___DRP 24185	30.72 1.04 0.00	27.29 0.85 0.00	25.11 0.80 0.00	23.36 0.77 0.00	23.35 0.77 0.00	23.82 0.72 0.00	26.08 0.76 0.00	28.49 0.75 0.00	29.40 0.74 0.00	30.84 0.60 0.00	32.94 0.49 0.00	35.02 0.52 0.00	36.97 0.69 0.00	39.38 0.73 0.00	41.57 0.82 0.00	46.32 1.09 0.00	52.46 1.48 0.00	59.64 1.79 0.00	55.23 1.87 0.00	47.38 1.65 0.00	43.06 1.38 0.00	39.11 1.18 0.00	34.69 0.98 0.00	30.08 0.88 0.00

MID___OSWEGATCHIE_HYD 23849	28.58 -1.10 0.00	25.57 -0.87 0.00	23.46 -0.85 0.00	21.71 -0.88 0.00	21.73 -0.86 0.00	22.30 -0.81 0.00	24.64 -0.68 0.00	26.69 -1.05 0.00	27.45 -1.20 0.00	29.03 -1.21 0.00	31.09 -1.36 0.00	33.12 -1.38 0.00	34.79 -1.49 0.00	37.02 -1.62 0.00	38.97 -1.79 0.00	43.25 -1.99 0.00	42.74 -2.75 5.49	55.02 -2.83 0.00	50.91 -2.45 0.00	43.95 -1.78 0.00	40.43 -1.25 0.00	37.02 -0.91 0.00	32.70 -1.01 0.00	28.24 -0.96 0.00
MID___RAQUETTE_HYD 23851	28.40 -1.28 0.00	25.47 -0.98 0.00	23.36 -0.95 0.00	21.64 -0.95 0.00	21.64 -0.95 0.00	22.16 -0.95 0.00	24.46 -0.86 0.00	26.60 -1.14 0.00	27.33 -1.32 0.00	28.84 -1.39 0.00	30.89 -1.56 0.00	32.88 -1.62 0.00	34.50 -1.78 0.00	36.64 -2.01 0.00	38.52 -2.24 0.00	42.75 -2.49 0.00	39.08 -3.82 8.08	53.80 -4.05 0.00	49.63 -3.74 0.00	42.81 -2.93 0.00	39.51 -2.17 0.00	36.45 -1.48 0.00	32.33 -1.38 0.00	27.98 -1.23 0.00
MILLIKEN___1 23584	30.30 0.62 0.00	27.00 0.56 0.00	24.82 0.51 0.00	23.04 0.45 0.00	23.04 0.45 0.00	23.69 0.58 0.00	25.93 0.61 0.00	28.07 0.33 0.00	28.91 0.26 0.00	30.57 0.33 0.00	32.91 0.45 0.00	35.12 0.62 0.00	36.86 0.58 0.00	39.38 0.73 0.00	41.66 0.90 0.00	46.00 0.77 0.00	52.10 1.27 0.16	59.18 1.33 0.00	54.75 1.39 0.00	46.88 1.14 0.00	42.85 1.17 0.00	39.07 1.14 0.00	34.62 0.91 0.00	29.91 0.70 0.00
MILLIKEN___2 23585	30.30 0.62 0.00	27.00 0.56 0.00	24.82 0.51 0.00	23.04 0.45 0.00	23.04 0.45 0.00	23.69 0.58 0.00	25.93 0.61 0.00	28.07 0.33 0.00	28.91 0.26 0.00	30.57 0.33 0.00	32.91 0.45 0.00	35.12 0.62 0.00	36.86 0.58 0.00	39.38 0.73 0.00	41.66 0.90 0.00	46.00 0.77 0.00	52.10 1.27 0.16	59.18 1.33 0.00	54.75 1.39 0.00	46.88 1.14 0.00	42.85 1.17 0.00	39.07 1.14 0.00	34.62 0.91 0.00	29.91 0.70 0.00
MILLIKEN___DIESEL 23629	30.30 0.62 0.00	27.00 0.56 0.00	24.82 0.51 0.00	23.04 0.45 0.00	23.04 0.45 0.00	23.69 0.58 0.00	25.93 0.61 0.00	28.07 0.33 0.00	28.91 0.26 0.00	30.57 0.33 0.00	32.91 0.45 0.00	35.12 0.62 0.00	36.86 0.58 0.00	39.38 0.73 0.00	41.66 0.90 0.00	46.00 0.77 0.00	52.10 1.27 0.16	59.18 1.33 0.00	54.75 1.39 0.00	46.88 1.14 0.00	42.85 1.17 0.00	39.07 1.14 0.00	34.62 0.91 0.00	29.91 0.70 0.00
MILLSEAT___LFGE 323607	29.26 -0.42 0.00	25.84 -0.61 0.00	23.92 -0.39 0.00	22.19 -0.41 0.00	22.29 -0.29 0.00	22.95 -0.16 0.00	24.49 -0.83 0.00	26.94 -0.81 0.00	27.71 -0.94 0.00	29.45 -0.79 0.00	32.55 0.10 0.00	34.82 0.31 0.00	36.14 -0.14 0.00	38.65 0.00 0.00	41.41 0.65 0.00	44.47 -0.77 0.00	50.85 0.00 0.13	55.60 -2.26 0.00	52.24 -1.12 0.00	44.55 -1.19 0.00	41.14 -0.54 0.00	38.16 0.23 0.00	33.95 0.24 0.00	29.56 0.35 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.87 2.20 0.00	28.14 1.69 0.00	25.84 1.53 0.00	24.06 1.47 0.00	24.01 1.42 0.00	24.54 1.43 0.00	26.97 1.65 0.00	29.68 1.94 0.00	30.89 2.23 0.00	32.59 2.36 0.00	34.92 2.47 0.00	36.99 2.48 0.00	39.11 2.83 0.00	41.58 2.94 0.00	43.78 3.02 0.00	48.67 3.44 0.00	55.01 4.03 0.00	62.48 4.63 0.00	57.31 3.95 0.00	48.94 3.20 0.00	44.27 2.58 0.00	40.78 2.31 -0.54	36.25 1.99 -0.55	32.30 1.75 -1.34
MILLWOOD_13_KV_LOAD 356217	31.99 2.31 0.00	28.24 1.80 0.00	25.94 1.63 0.00	24.13 1.54 0.00	24.07 1.49 0.00	24.61 1.50 0.00	27.04 1.72 0.00	29.77 2.03 0.00	30.97 2.32 0.00	32.68 2.45 0.00	35.05 2.60 0.00	37.16 2.66 0.00	39.29 3.01 0.00	41.82 3.17 0.00	44.02 3.26 0.00	48.99 3.75 0.00	55.42 4.44 0.00	62.88 5.03 0.00	57.68 4.32 0.00	49.26 3.52 0.00	44.47 2.79 0.00	40.97 2.50 -0.54	36.39 2.12 -0.55	32.44 1.90 -1.34
MODEL_CITY_ENERGY 24167	28.46 -1.22 0.00	25.20 -1.24 0.00	23.34 -0.97 0.00	21.66 -0.93 0.00	21.75 -0.84 0.00	22.35 -0.76 0.00	23.78 -1.55 0.00	26.13 -1.61 0.00	26.91 -1.75 0.00	28.60 -1.63 0.00	31.68 -0.78 0.00	33.85 -0.66 0.00	35.09 -1.20 0.00	37.45 -1.20 0.00	40.19 -0.57 0.00	43.02 -2.22 0.00	49.27 -1.58 0.13	53.51 -4.34 0.00	50.33 -3.04 0.00	42.90 -2.84 0.00	39.60 -2.08 0.00	36.83 -1.10 0.00	32.91 -0.81 0.00	28.71 -0.50 0.00
MODERN_LFGE___ 323580	28.46 -1.22 0.00	25.20 -1.24 0.00	23.34 -0.97 0.00	21.66 -0.93 0.00	21.75 -0.84 0.00	22.35 -0.76 0.00	23.78 -1.55 0.00	26.13 -1.61 0.00	26.91 -1.75 0.00	28.60 -1.63 0.00	31.68 -0.78 0.00	33.85 -0.66 0.00	35.09 -1.20 0.00	37.45 -1.20 0.00	40.19 -0.57 0.00	43.02 -2.22 0.00	49.27 -1.58 0.13	53.51 -4.34 0.00	50.33 -3.04 0.00	42.90 -2.84 0.00	39.60 -2.08 0.00	36.83 -1.10 0.00	32.91 -0.81 0.00	28.71 -0.50 0.00
MOHAWK_PAPER___DRP 24187	30.83 1.16 0.00	27.40 0.95 0.00	25.21 0.90 0.00	23.43 0.84 0.00	23.42 0.84 0.00	23.92 0.81 0.00	26.21 0.89 0.00	28.66 0.92 0.00	29.63 0.97 0.00	31.14 0.91 0.00	33.33 0.88 0.00	35.43 0.93 0.00	37.48 1.20 0.00	39.88 1.24 0.00	42.10 1.35 0.00	46.91 1.67 0.00	53.13 2.14 0.00	60.40 2.55 0.00	55.82 2.45 0.00	47.84 2.10 0.00	43.43 1.75 0.00	39.41 1.48 0.00	34.93 1.21 0.00	30.23 1.02 0.00
MOHICAN___35_KV_115KV_LD 80490	32.11 2.43 0.00	28.56 2.12 0.00	26.18 1.87 0.00	24.33 1.74 0.00	24.30 1.72 0.00	24.86 1.76 0.00	27.27 1.95 0.00	30.02 2.27 0.00	31.09 2.44 0.00	32.74 2.51 0.00	34.76 2.30 0.00	37.09 2.59 0.00	39.18 2.90 0.00	41.39 2.74 0.00	43.73 2.98 0.00	48.95 3.71 0.00	55.57 4.59 0.00	63.58 5.73 0.00	59.45 6.08 0.00	50.95 5.21 0.00	46.60 4.92 0.00	42.14 4.21 0.00	37.15 3.44 0.00	32.10 2.89 0.00
MONGAUP___HYD 23641	31.61 1.93 0.00	27.95 1.51 0.00	25.70 1.38 0.00	23.90 1.31 0.00	23.85 1.26 0.00	24.35 1.25 0.00	26.76 1.44 0.00	29.29 1.55 0.00	30.40 1.75 0.00	32.02 1.78 0.00	34.27 1.82 0.00	36.33 1.83 0.00	38.42 2.14 0.00	40.97 2.32 0.00	43.16 2.40 0.00	48.04 2.81 0.00	54.30 3.31 0.00	61.90 4.05 0.00	56.88 3.52 0.00	48.71 2.97 0.00	44.10 2.42 0.00	33.62 1.86 6.17	28.83 1.45 6.33	15.12 1.23 15.32
MONTAUK___DIESEL 23721	35.50 3.92 -1.90	33.47 3.23 -3.80	29.21 3.04 -1.87	25.46 2.87 0.00	26.82 2.94 -1.30	26.00 2.89 0.00	28.54 3.22 0.00	34.11 3.72 -2.65	36.30 4.44 -3.21	37.33 4.93 -2.17	41.67 5.68 -3.54	45.52 6.07 -4.95	45.52 6.57 -2.67	46.02 6.80 -0.57	48.02 7.17 -0.08	53.07 7.83 -0.01	59.92 8.92 -0.01	68.27 10.41 -0.01	62.34 8.96 -0.01	52.84 7.09 -0.01	47.68 6.00 0.00	43.86 5.42 -0.50	39.14 4.58 -0.85	35.96 4.00 -2.75
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.86 0.18 0.00	26.39 -0.05 0.00	24.38 0.07 0.00	22.61 0.02 0.00	22.67 0.09 0.00	23.45 0.35 0.00	25.27 -0.05 0.00	27.96 0.22 0.00	29.00 0.34 0.00	30.93 0.70 0.00	34.21 1.75 0.00	36.64 2.14 0.00	38.02 1.74 0.00	40.81 2.16 0.00	43.17 2.40 0.00	46.87 1.63 0.00	53.03 2.04 -0.01	59.25 1.39 -0.01	54.43 1.07 0.00	46.33 0.59 0.00	42.52 0.83 0.00	39.45 1.52 0.00	35.16 1.45 0.00	30.46 1.26 0.00

MORTIMER_115KV_TB3 55949	29.26 -0.42 0.00	25.94 -0.50 0.00	23.95 -0.36 0.00	22.21 -0.38 0.00	22.27 -0.32 0.00	22.90 -0.21 0.00	24.69 -0.63 0.00	26.80 -0.94 0.00	27.74 -0.92 0.00	29.45 -0.79 0.00	32.26 -0.19 0.00	34.47 -0.03 0.00	35.77 -0.51 0.00	38.38 -0.27 0.00	40.76 0.00 0.00	44.47 -0.77 0.00	50.18 -0.66 0.14	56.69 -1.16 0.00	52.40 -0.96 0.00	44.69 -1.05 0.00	41.10 -0.58 0.00	37.74 -0.19 0.00	33.61 -0.10 0.00	29.18 -0.03 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.17 2.49 0.00	28.35 1.90 0.00	26.04 1.73 0.00	24.24 1.65 0.00	24.19 1.60 0.00	24.73 1.62 0.00	27.19 1.87 0.00	29.99 2.25 0.00	31.23 2.58 0.00	32.99 2.75 0.00	35.34 2.89 0.00	37.40 2.90 0.00	39.55 3.27 0.00	42.05 3.40 0.00	44.22 3.46 0.00	49.22 3.98 0.00	55.57 4.59 0.00	63.00 5.15 0.00	57.74 4.38 0.00	49.30 3.57 0.00	44.56 2.88 0.00	41.01 2.58 -0.50	36.49 2.26 -0.51	32.47 2.02 -1.25
MUNSVILLE_WIND_PWR 323609	31.99 2.32 0.00	28.51 2.06 0.00	26.18 1.87 0.00	24.11 1.51 0.00	24.12 1.54 0.00	24.98 1.87 0.00	27.65 2.33 0.00	30.63 2.88 0.00	31.32 2.67 0.00	33.20 2.96 0.00	35.41 2.95 0.00	37.89 3.38 0.00	40.12 3.84 0.00	42.90 4.25 0.00	45.53 4.77 0.00	50.30 5.07 0.00	57.66 6.68 0.00	65.49 7.64 0.00	61.10 7.73 0.00	52.78 7.04 0.00	48.35 6.67 0.00	43.81 5.88 0.00	38.30 4.58 0.00	32.86 3.65 0.00
N SALMON___HYD 24042	29.56 -0.12 0.00	26.50 0.05 0.00	24.29 -0.02 0.00	22.50 -0.09 0.00	22.52 -0.07 0.00	23.02 -0.09 0.00	25.40 0.08 0.00	27.55 -0.19 0.00	28.28 -0.37 0.00	29.84 -0.39 0.00	32.03 -0.42 0.00	34.09 -0.41 0.00	35.70 -0.58 0.00	38.03 -0.62 0.00	39.86 -0.90 0.00	44.24 -1.00 0.00	45.99 -2.04 2.95	55.88 -1.97 0.00	51.44 -1.92 0.00	44.46 -1.28 0.00	41.47 -0.21 0.00	37.70 -0.23 0.00	33.54 -0.17 0.00	29.00 -0.20 0.00
N.AKRON__115KV_KNAPP 355671	29.26 -0.42 0.00	25.86 -0.58 0.00	23.95 -0.36 0.00	22.19 -0.41 0.00	22.27 -0.32 0.00	22.95 -0.16 0.00	24.49 -0.84 0.00	26.75 -1.00 0.00	27.74 -0.92 0.00	29.48 -0.76 0.00	32.59 0.13 0.00	34.82 0.31 0.00	35.99 -0.29 0.00	38.69 0.04 0.00	41.13 0.37 0.00	44.47 -0.77 0.00	50.24 -0.61 0.13	56.64 -1.21 0.00	52.30 -1.07 0.00	44.51 -1.23 0.00	41.14 -0.54 0.00	38.01 0.08 0.00	33.95 0.24 0.00	29.56 0.35 0.00
N.BELMOR_69_KV_BK1 55787	34.55 2.97 -1.90	32.59 2.35 -3.80	28.32 2.14 -1.87	24.60 2.01 0.00	25.87 1.99 -1.30	25.09 1.99 0.00	27.60 2.28 0.00	33.03 2.64 -2.65	34.84 2.98 -3.21	35.58 3.17 -2.17	39.37 3.38 -3.54	42.90 3.45 -4.95	42.80 3.85 -2.67	45.30 4.02 -2.64	45.18 4.08 -0.34	49.71 4.48 0.00	56.19 5.20 0.00	63.98 6.13 0.00	58.59 5.23 0.00	49.90 4.16 0.00	45.22 3.54 0.00	41.70 3.26 -0.50	37.46 2.90 -0.85	34.50 2.54 -2.75
N.E_GEN_SANDY PD 24062	31.22 1.54 0.00	27.63 1.19 0.00	25.43 1.12 0.00	23.68 1.08 0.00	23.65 1.06 0.00	24.12 1.02 0.00	26.46 1.14 0.00	28.96 1.22 0.00	30.00 1.35 0.00	31.53 1.30 0.00	33.72 1.26 0.00	35.78 1.28 0.00	37.84 1.56 0.00	40.27 1.62 0.00	42.43 1.67 0.00	47.32 2.08 0.00	53.43 2.45 0.00	60.80 2.95 0.00	56.08 2.72 0.00	48.07 2.33 0.00	43.60 1.92 0.00	40.72 1.63 -1.15	36.28 1.38 -1.19	33.30 1.23 -2.87
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.81 2.14 0.00	28.08 1.64 0.00	25.79 1.48 0.00	24.01 1.42 0.00	23.96 1.38 0.00	24.49 1.39 0.00	26.94 1.62 0.00	29.60 1.86 0.00	30.83 2.18 0.00	32.56 2.33 0.00	34.85 2.40 0.00	36.92 2.42 0.00	39.00 2.72 0.00	41.47 2.82 0.00	43.61 2.85 0.00	48.49 3.26 0.00	54.81 3.82 0.00	62.19 4.34 0.00	56.99 3.63 0.00	48.76 3.02 0.00	44.06 2.38 0.00	41.00 2.16 -0.91	36.53 1.89 -0.93	33.12 1.66 -2.25
N.QUEENS_27_KV_LOAD 356247	32.18 2.49 -0.01	28.64 2.19 0.00	26.28 1.97 0.00	24.44 1.85 0.00	24.39 1.81 0.00	24.98 1.87 0.00	27.40 2.08 0.00	30.21 2.47 0.00	31.42 2.78 0.01	33.22 2.99 0.01	35.56 3.12 0.01	37.61 3.11 0.00	39.76 3.48 0.00	42.34 3.71 0.02	44.43 3.67 0.00	49.09 3.85 -0.01	55.57 4.59 0.00	63.00 5.15 0.00	57.90 4.54 0.00	49.44 3.70 0.00	44.43 2.75 0.00	40.94 2.50 -0.50	36.35 2.12 -0.51	32.50 2.04 -1.25
N.TROY___115KV_TB1 355778	31.07 1.39 0.00	27.58 1.14 0.00	25.36 1.05 0.00	23.59 0.99 0.00	23.58 0.99 0.00	24.08 0.97 0.00	26.38 1.06 0.00	28.91 1.17 0.00	29.89 1.23 0.00	31.41 1.18 0.00	33.56 1.10 0.00	35.68 1.17 0.00	37.73 1.45 0.00	40.12 1.47 0.00	42.35 1.59 0.00	47.23 1.99 0.00	53.48 2.50 0.00	60.74 2.89 0.00	56.30 2.93 0.00	48.25 2.52 0.00	43.85 2.17 0.00	39.75 1.82 0.00	35.23 1.52 0.00	30.52 1.31 0.00
NARROWS_GT1_1 24228	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
NARROWS_GT1_2 24229	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
NARROWS_GT1_3 24230	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
NARROWS_GT1_4 24231	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
NARROWS_GT1_5 24232	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65

NARROWS_GT1_6 24233	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
NARROWS_GT1_7 24234	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
NARROWS_GT1_8 24235	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
NARROWS_GT2_1 24236	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
NARROWS_GT2_2 24237	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
NARROWS_GT2_3 24238	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
NARROWS_GT2_4 24239	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
NARROWS_GT2_5 24240	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
NARROWS_GT2_6 24241	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
NARROWS_GT2_7 24242	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
NARROWS_GT2_8 24243	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.84 3.56 0.00	42.48 3.83 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.88 2.26 -1.91	36.05 2.19 -4.65
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.25 1.57 0.00	27.74 1.30 0.00	25.53 1.22 0.00	23.74 1.15 0.00	23.74 1.15 0.00	24.17 1.06 0.00	26.49 1.16 0.00	28.88 1.14 0.00	29.71 1.06 0.00	31.05 0.82 0.00	33.13 0.68 0.00	35.26 0.76 0.00	37.37 1.09 0.00	39.85 1.20 0.00	42.23 1.47 0.00	47.09 1.85 0.00	53.43 2.45 0.00	61.09 3.24 0.00	56.56 3.20 0.00	48.53 2.79 0.00	44.10 2.42 0.00	40.30 2.12 -0.24	35.58 1.62 -0.25	31.12 1.31 -0.60
NCHELSEA_115KV_TR2 355582	31.96 2.29 0.00	28.22 1.77 0.00	25.94 1.63 0.00	24.13 1.54 0.00	24.10 1.51 0.00	24.59 1.48 0.00	27.02 1.70 0.00	29.68 1.94 0.00	30.83 2.18 0.00	32.53 2.30 0.00	34.89 2.43 0.00	36.99 2.48 0.00	39.15 2.87 0.00	41.74 3.09 0.00	44.02 3.26 0.00	49.04 3.80 0.00	55.42 4.44 0.00	62.94 5.09 0.00	57.68 4.32 0.00	49.30 3.57 0.00	44.56 2.88 0.00	41.06 2.54 -0.59	36.40 2.09 -0.60	32.50 1.84 -1.45
NEG CAPITAL___MECHNVIL 23645	31.61 1.93 0.00	28.08 1.64 0.00	25.77 1.46 0.00	23.97 1.38 0.00	23.92 1.33 0.00	24.47 1.36 0.00	26.84 1.52 0.00	29.49 1.75 0.00	30.54 1.89 0.00	32.14 1.91 0.00	34.30 1.85 0.00	36.57 2.07 0.00	38.60 2.32 0.00	41.04 2.40 0.00	43.33 2.57 0.00	48.40 3.17 0.00	54.76 3.77 0.00	62.60 4.74 0.00	58.17 4.80 0.00	49.81 4.07 0.00	45.39 3.71 0.00	41.81 3.19 -0.70	37.02 2.60 -0.71	33.13 2.19 -1.73
NEG CENTRAL_HIGH_ACRES 23767	28.85 -0.83 0.00	25.60 -0.85 0.00	23.60 -0.71 0.00	21.89 -0.70 0.00	21.98 -0.61 0.00	22.58 -0.53 0.00	24.41 -0.91 0.00	26.60 -1.14 0.00	27.39 -1.26 0.00	29.09 -1.15 0.00	31.74 -0.71 0.00	33.92 -0.59 0.00	35.45 -0.83 0.00	37.83 -0.81 0.00	40.35 -0.41 0.00	43.92 -1.31 0.00	50.02 -0.82 0.15	55.82 -2.03 0.00	51.92 -1.44 0.00	44.27 -1.47 0.00	40.68 -1.00 0.00	37.36 -0.57 0.00	33.17 -0.54 0.00	28.74 -0.47 0.00

NEG CENTRAL___DRP 24199	29.71 0.03 0.00	26.47 0.03 0.00	24.36 0.05 0.00	22.61 0.02 0.00	22.65 0.07 0.00	23.29 0.18 0.00	25.40 0.08 0.00	27.49 -0.25 0.00	28.37 -0.29 0.00	29.99 -0.24 0.00	32.49 0.03 0.00	34.71 0.21 0.00	36.28 0.00 0.00	38.84 0.19 0.00	41.13 0.37 0.00	45.24 0.00 0.00	51.22 0.41 0.17	58.02 0.17 0.00	53.63 0.27 0.00	45.78 0.05 0.00	41.89 0.21 0.00	38.27 0.34 0.00	33.98 0.27 0.00	29.35 0.15 0.00
NEG CENTRAL___INDECK 23768	30.36 0.68 0.00	26.84 0.40 0.00	24.77 0.46 0.00	22.98 0.38 0.00	23.06 0.48 0.00	23.78 0.67 0.00	25.65 0.33 0.00	27.96 0.22 0.00	28.57 -0.09 0.00	30.24 0.00 0.00	32.91 0.45 0.00	35.12 0.62 0.00	36.64 0.36 0.00	37.91 -0.74 0.00	40.64 -0.12 0.00	44.24 -1.00 0.00	50.60 -0.25 0.14	56.00 -1.85 0.00	52.83 -0.53 0.00	45.32 -0.41 0.00	42.01 0.33 0.00	38.65 0.72 0.00	34.22 0.51 0.00	30.55 1.34 0.00
NEG CENTRAL___SENECA 23627	29.77 0.09 0.00	26.52 0.08 0.00	24.43 0.12 0.00	22.68 0.09 0.00	22.72 0.14 0.00	23.41 0.30 0.00	25.45 0.13 0.00	27.63 -0.11 0.00	28.48 -0.17 0.00	30.11 -0.12 0.00	32.74 0.29 0.00	34.99 0.48 0.00	36.50 0.22 0.00	39.11 0.46 0.00	41.45 0.69 0.00	45.51 0.27 0.00	51.54 0.71 0.16	58.31 0.46 0.00	53.95 0.59 0.00	46.06 0.32 0.00	42.18 0.50 0.00	38.61 0.68 0.00	34.29 0.57 0.00	29.62 0.41 0.00
NEG CENTRAL___STATE_STREET 24147	29.86 0.18 0.00	26.63 0.19 0.00	24.48 0.17 0.00	22.70 0.11 0.00	22.74 0.16 0.00	23.36 0.25 0.00	25.55 0.23 0.00	27.57 -0.17 0.00	28.42 -0.23 0.00	30.08 -0.15 0.00	32.49 0.03 0.00	34.68 0.17 0.00	36.35 0.07 0.00	38.88 0.23 0.00	41.09 0.33 0.00	45.37 0.14 0.00	51.26 0.46 0.19	58.14 0.29 0.00	53.74 0.37 0.00	45.92 0.18 0.00	41.97 0.29 0.00	38.27 0.34 0.00	33.95 0.24 0.00	29.30 0.09 0.00
NEG MILLWOOD___DRP 24198	32.14 2.46 0.00	28.43 1.98 0.00	26.06 1.75 0.00	24.26 1.67 0.00	24.19 1.60 0.00	24.70 1.59 0.00	27.14 1.82 0.00	29.85 2.11 0.00	31.06 2.41 0.00	32.74 2.51 0.00	35.18 2.73 0.00	37.33 2.83 0.00	39.55 3.27 0.00	42.20 3.56 0.00	44.51 3.75 0.00	49.58 4.34 0.00	56.13 5.15 0.00	63.81 5.96 0.00	58.43 5.07 0.00	49.90 4.16 0.00	44.97 3.29 0.00	41.30 2.88 -0.49	36.61 2.39 -0.50	32.49 2.07 -1.21
NEG NORTH_FLCN_SEA 23793	30.51 0.83 0.00	27.37 0.93 0.00	25.09 0.78 0.00	23.22 0.63 0.00	23.24 0.65 0.00	23.75 0.65 0.00	26.21 0.89 0.00	28.02 0.28 0.00	28.77 0.11 0.00	30.36 0.12 0.00	32.61 0.16 0.00	34.71 0.21 0.00	36.32 0.04 0.00	38.72 0.08 0.00	40.64 -0.12 0.00	44.96 -0.27 0.00	48.54 -1.78 0.66	56.12 -1.74 0.00	51.76 -1.60 0.00	45.28 -0.46 0.00	42.93 1.25 0.00	39.03 1.10 0.00	34.59 0.88 0.00	29.91 0.70 0.00
NEG NORTH_KES_CHATEGAY 23792	29.71 0.03 0.00	26.63 0.19 0.00	24.41 0.10 0.00	22.61 0.02 0.00	22.63 0.05 0.00	23.11 0.00 0.00	25.47 0.15 0.00	27.57 -0.17 0.00	28.31 -0.34 0.00	29.87 -0.36 0.00	32.06 -0.39 0.00	34.09 -0.41 0.00	35.70 -0.58 0.00	37.99 -0.66 0.00	39.94 -0.82 0.00	44.29 -0.95 0.00	47.83 -1.94 1.22	55.94 -1.91 0.00	51.60 -1.76 0.00	44.69 -1.05 0.00	41.64 -0.04 0.00	37.89 -0.04 0.00	33.64 -0.07 0.00	29.12 -0.09 0.00
NEG NORTH___ALICE_FALLS 23915	30.39 0.71 0.00	27.29 0.85 0.00	24.99 0.68 0.00	23.13 0.54 0.00	23.15 0.56 0.00	23.66 0.55 0.00	26.11 0.78 0.00	28.05 0.31 0.00	28.77 0.11 0.00	30.33 0.09 0.00	32.61 0.16 0.00	34.68 0.17 0.00	36.32 0.04 0.00	38.72 0.08 0.00	40.64 -0.12 0.00	44.96 -0.27 0.00	48.60 -1.63 0.75	56.35 -1.50 0.00	51.97 -1.39 0.00	45.28 -0.46 0.00	42.85 1.17 0.00	38.92 0.99 0.00	34.49 0.78 0.00	29.82 0.61 0.00
NEG NORTH___LWR_SARANAC 23913	30.39 0.71 0.00	27.29 0.85 0.00	24.99 0.68 0.00	23.13 0.54 0.00	23.15 0.56 0.00	23.66 0.55 0.00	26.11 0.78 0.00	28.05 0.31 0.00	28.77 0.11 0.00	30.33 0.09 0.00	32.61 0.16 0.00	34.68 0.17 0.00	36.32 0.04 0.00	38.72 0.08 0.00	40.64 -0.12 0.00	44.96 -0.27 0.00	48.60 -1.63 0.75	56.35 -1.50 0.00	51.97 -1.39 0.00	45.28 -0.46 0.00	42.85 1.17 0.00	38.92 0.99 0.00	34.49 0.78 0.00	29.82 0.61 0.00
NEG NORTH___PLATTSBURG 23628	30.39 0.71 0.00	27.29 0.85 0.00	24.99 0.68 0.00	23.13 0.54 0.00	23.15 0.56 0.00	23.66 0.55 0.00	26.11 0.79 0.00	28.05 0.31 0.00	28.77 0.12 0.00	30.33 0.09 0.00	32.62 0.16 0.00	34.68 0.17 0.00	36.32 0.04 0.00	38.72 0.08 0.00	40.60 -0.16 0.00	44.97 -0.27 0.00	48.65 -1.58 0.75	56.46 -1.39 0.00	51.97 -1.39 0.00	45.28 -0.46 0.00	42.85 1.17 0.00	38.84 0.91 0.00	34.49 0.78 0.00	29.82 0.61 0.00
NEG WEST_LEA_LOCKPORT 23791	28.76 -0.92 0.00	25.44 -1.00 0.00	23.56 -0.75 0.00	21.85 -0.75 0.00	21.91 -0.68 0.00	22.55 -0.55 0.00	24.00 -1.32 0.00	26.19 -1.55 0.00	27.20 -1.46 0.00	28.94 -1.30 0.00	32.03 -0.42 0.00	34.23 -0.28 0.00	35.30 -0.98 0.00	37.92 -0.73 0.00	40.31 -0.45 0.00	43.57 -1.67 0.00	49.17 -1.68 0.13	55.31 -2.55 0.00	51.02 -2.35 0.00	43.41 -2.33 0.00	40.06 -1.63 0.00	37.14 -0.80 0.00	33.24 -0.47 0.00	29.00 -0.20 0.00
NEG WEST___LANCASTR 23811	28.88 -0.80 0.00	25.57 -0.87 0.00	23.63 -0.68 0.00	21.91 -0.68 0.00	22.00 -0.59 0.00	22.69 -0.42 0.00	24.33 -0.99 0.00	26.66 -1.08 0.00	27.68 -0.97 0.00	29.45 -0.79 0.00	32.39 -0.06 0.00	34.68 0.17 0.00	35.96 -0.33 0.00	38.53 -0.12 0.00	40.84 0.08 0.00	44.42 -0.81 0.00	50.23 -0.76 -0.01	56.35 -1.50 -0.01	51.92 -1.44 0.00	44.32 -1.42 0.00	40.64 -1.04 0.00	37.59 -0.34 0.00	33.58 -0.13 0.00	29.21 0.00 0.00
NEG_PENN_ALLEGHNY 23528	30.00 0.33 0.00	26.71 0.26 0.00	24.55 0.24 0.00	22.82 0.23 0.00	22.83 0.25 0.00	23.45 0.35 0.00	25.60 0.28 0.00	27.88 0.14 0.00	28.77 0.12 0.00	30.48 0.24 0.00	32.87 0.42 0.00	35.09 0.59 0.00	36.83 0.55 0.00	39.26 0.62 0.00	41.62 0.86 0.00	45.82 0.59 0.00	52.06 1.07 0.00	58.14 0.29 0.00	54.05 0.69 0.00	46.29 0.55 0.00	42.22 0.54 0.00	38.36 0.64 0.22	34.03 0.54 0.22	29.08 0.41 0.54
NEG___GEN_MONROE 24207	29.26 -0.42 0.00	25.89 -0.56 0.00	23.92 -0.39 0.00	22.19 -0.41 0.00	22.27 -0.32 0.00	22.90 -0.21 0.00	24.69 -0.63 0.00	26.80 -0.94 0.00	27.76 -0.89 0.00	29.45 -0.79 0.00	32.29 -0.16 0.00	34.47 -0.03 0.00	35.81 -0.47 0.00	38.34 -0.31 0.00	40.72 -0.04 0.00	44.33 -0.90 0.00	50.08 -0.76 0.14	56.52 -1.33 0.00	52.29 -1.07 0.00	44.59 -1.14 0.00	41.01 -0.67 0.00	37.74 -0.19 0.00	33.68 -0.03 0.00	29.30 0.09 0.00
NEPA___ENERGY 23901	29.20 -0.47 0.00	25.91 -0.53 0.00	23.90 -0.41 0.00	22.19 -0.41 0.00	22.27 -0.32 0.00	22.99 -0.12 0.00	24.69 -0.63 0.00	27.08 -0.67 0.00	28.14 -0.52 0.00	29.94 -0.30 0.00	32.88 0.42 0.00	35.20 0.69 0.00	36.50 0.22 0.00	39.11 0.46 0.00	41.45 0.69 0.00	45.15 -0.09 0.00	51.09 0.10 -0.01	57.28 -0.58 -0.01	52.78 -0.59 0.00	45.05 -0.69 0.00	41.31 -0.38 0.00	38.20 0.27 0.00	34.09 0.37 0.00	29.53 0.32 0.00

NEVERSINK___HYD 23608	31.13 1.45 0.00	27.50 1.06 0.00	25.26 0.95 0.00	23.50 0.90 0.00	23.44 0.86 0.00	23.94 0.83 0.00	26.36 1.04 0.00	28.88 1.14 0.00	30.03 1.38 0.00	31.69 1.45 0.00	33.95 1.49 0.00	35.99 1.48 0.00	38.06 1.78 0.00	40.62 1.97 0.00	42.84 2.08 0.00	47.72 2.49 0.00	53.89 2.90 0.00	61.32 3.47 0.00	56.30 2.93 0.00	48.16 2.42 0.00	43.56 1.88 0.00	39.95 1.56 -0.46	35.40 1.21 -0.48	31.38 1.02 -1.15
NEWKRMKL_115KV_TB1 55635	30.51 0.83 0.00	27.10 0.66 0.00	24.92 0.61 0.00	23.18 0.59 0.00	23.19 0.61 0.00	23.69 0.58 0.00	25.93 0.61 0.00	28.38 0.64 0.00	29.34 0.69 0.00	30.84 0.60 0.00	33.00 0.55 0.00	35.09 0.59 0.00	37.11 0.83 0.00	39.50 0.85 0.00	41.66 0.90 0.00	46.46 1.22 0.00	52.51 1.53 0.00	59.70 1.85 0.00	55.18 1.81 0.00	47.25 1.51 0.00	42.89 1.21 0.00	38.92 0.99 0.00	34.49 0.78 0.00	29.88 0.67 0.00
NEWTON___FALLS_HYD 23847	28.58 -1.10 0.00	25.57 -0.87 0.00	23.46 -0.85 0.00	21.71 -0.88 0.00	21.73 -0.86 0.00	22.30 -0.81 0.00	24.64 -0.68 0.00	26.69 -1.05 0.00	27.45 -1.20 0.00	29.03 -1.21 0.00	31.09 -1.36 0.00	33.12 -1.38 0.00	34.79 -1.49 0.00	37.02 -1.62 0.00	38.97 -1.79 0.00	43.25 -1.99 0.00	42.74 -2.75 5.49	55.02 -2.83 0.00	50.91 -2.45 0.00	43.95 -1.78 0.00	40.43 -1.25 0.00	37.02 -0.91 0.00	32.70 -1.01 0.00	28.24 -0.96 0.00
NGRID_A1_DSASP 323792	28.02 -1.66 0.00	24.83 -1.61 0.00	22.97 -1.34 0.00	21.33 -1.26 0.00	21.41 -1.18 0.00	22.02 -1.09 0.00	23.40 -1.93 0.00	25.47 -2.25 0.02	26.22 -2.41 0.02	27.88 -2.33 0.02	30.87 -1.56 0.02	33.03 -1.45 0.02	34.30 -1.96 0.02	36.65 -1.97 0.02	39.23 -1.51 0.02	42.09 -3.12 0.02	48.22 -2.60 0.16	52.33 -5.50 0.03	49.23 -4.11 0.02	41.92 -3.80 0.02	38.66 -3.00 0.02	35.89 -2.01 0.02	32.04 -1.65 0.02	27.93 -1.26 0.02
NGRID_A2_DSASP 323793	28.02 -1.66 0.00	24.83 -1.61 0.00	22.97 -1.34 0.00	21.33 -1.26 0.00	21.41 -1.18 0.00	22.02 -1.09 0.00	23.40 -1.93 0.00	25.47 -2.25 0.02	26.22 -2.41 0.02	27.88 -2.33 0.02	30.87 -1.56 0.02	33.03 -1.45 0.02	34.30 -1.96 0.02	36.65 -1.97 0.02	39.23 -1.51 0.02	42.09 -3.12 0.02	48.22 -2.60 0.16	52.33 -5.50 0.03	49.23 -4.11 0.02	41.92 -3.80 0.02	38.66 -3.00 0.02	35.89 -2.01 0.02	32.04 -1.65 0.02	27.93 -1.26 0.02
NGRID_A4_DSASP 323807	28.02 -1.66 0.00	24.83 -1.61 0.00	22.97 -1.34 0.00	21.33 -1.26 0.00	21.41 -1.18 0.00	22.02 -1.09 0.00	23.40 -1.93 0.00	25.47 -2.25 0.02	26.22 -2.41 0.02	27.88 -2.33 0.02	30.87 -1.56 0.02	33.03 -1.45 0.02	34.30 -1.96 0.02	36.65 -1.97 0.02	39.23 -1.51 0.02	42.09 -3.12 0.02	48.22 -2.60 0.16	52.33 -5.50 0.03	49.23 -4.11 0.02	41.92 -3.80 0.02	38.66 -3.00 0.02	35.89 -2.01 0.02	32.04 -1.65 0.02	27.93 -1.26 0.02
NIAGARA_115E_LBMP 323715	28.28 -1.39 0.00	25.07 -1.38 0.00	23.22 -1.09 0.00	21.55 -1.04 0.00	21.64 -0.95 0.00	22.23 -0.88 0.00	23.62 -1.70 0.00	25.94 -1.80 0.00	26.74 -1.92 0.00	28.42 -1.81 0.00	31.48 -0.97 0.00	33.64 -0.86 0.00	34.83 -1.45 0.00	37.18 -1.47 0.00	39.90 -0.86 0.00	42.71 -2.53 0.00	48.91 -1.94 0.13	53.05 -4.80 0.00	49.95 -3.42 0.00	42.54 -3.20 0.00	39.26 -2.42 0.00	36.57 -1.36 0.00	32.67 -1.05 0.00	28.51 -0.70 0.00
NIAGARA_115W_LBMP 323714	27.96 -1.72 0.00	24.78 -1.67 0.00	22.90 -1.41 0.00	21.26 -1.33 0.00	21.36 -1.22 0.00	21.95 -1.15 0.00	23.32 -2.00 0.00	25.42 -2.30 0.02	26.17 -2.46 0.02	27.85 -2.36 0.02	30.81 -1.62 0.02	32.96 -1.52 0.02	34.19 -2.07 0.02	36.58 -2.05 0.02	39.15 -1.59 0.02	42.00 -3.21 0.02	48.12 -2.70 0.16	52.22 -5.61 0.02	49.12 -4.22 0.02	41.83 -3.89 0.02	38.58 -3.08 0.02	35.82 -2.09 0.02	31.97 -1.72 0.02	27.90 -1.28 0.02
NIAGARA_230_LBMP 323716	28.37 -1.31 0.00	25.15 -1.30 0.00	23.27 -1.04 0.00	21.58 -1.02 0.00	21.68 -0.90 0.00	22.28 -0.83 0.00	23.70 -1.62 0.00	25.96 -1.78 0.00	26.79 -1.86 0.00	28.48 -1.75 0.00	31.44 -1.01 0.00	33.64 -0.86 0.00	34.83 -1.45 0.00	37.14 -1.51 0.00	39.86 -0.90 0.00	42.70 -2.53 0.00	48.86 -1.99 0.14	53.16 -4.68 0.00	50.00 -3.36 0.00	42.58 -3.16 0.00	39.31 -2.37 0.00	36.53 -1.40 0.00	32.66 -1.05 0.00	28.51 -0.70 0.00
NIAGARA___115KV_198_GIBSON 55903	27.96 -1.72 0.00	24.78 -1.67 0.00	22.90 -1.41 0.00	21.26 -1.33 0.00	21.32 -1.26 0.00	21.95 -1.16 0.00	23.32 -2.00 0.00	25.19 -2.52 0.02	26.17 -2.46 0.02	27.82 -2.39 0.02	30.84 -1.59 0.02	32.96 -1.52 0.02	34.05 -2.21 0.02	36.58 -2.05 0.02	38.86 -1.87 0.02	42.00 -3.21 0.02	47.46 -3.36 0.16	53.37 -4.45 0.02	49.18 -4.16 0.02	41.87 -3.84 0.02	38.58 -3.08 0.02	35.71 -2.20 0.02	31.94 -1.75 0.02	27.90 -1.29 0.02
NIAGARA____ 23760	28.37 -1.31 0.00	25.15 -1.30 0.00	23.27 -1.04 0.00	21.58 -1.02 0.00	21.68 -0.90 0.00	22.28 -0.83 0.00	23.70 -1.62 0.00	25.96 -1.78 0.01	26.78 -1.86 0.01	28.47 -1.75 0.01	31.44 -1.01 0.01	33.63 -0.86 0.01	34.82 -1.45 0.01	37.13 -1.51 0.01	39.86 -0.90 0.01	42.70 -2.53 0.01	48.85 -1.99 0.14	53.16 -4.68 0.01	50.00 -3.36 0.01	42.58 -3.16 0.01	39.30 -2.37 0.01	36.52 -1.40 0.01	32.66 -1.05 0.01	28.50 -0.70 0.01
NINE_MILE_1 23575	28.79 -0.89 0.00	25.73 -0.71 0.00	23.68 -0.63 0.00	22.00 -0.59 0.00	22.00 -0.59 0.00	22.55 -0.55 0.00	24.64 -0.68 0.00	26.49 -1.25 0.00	27.31 -1.35 0.00	28.88 -1.36 0.00	31.09 -1.36 0.00	33.12 -1.38 0.00	34.79 -1.49 0.00	37.10 -1.55 0.00	39.29 -1.47 0.00	43.34 -1.90 0.00	49.01 -1.83 0.14	55.37 -2.49 0.00	51.23 -2.14 0.00	43.82 -1.92 0.00	40.01 -1.67 0.00	36.53 -1.40 0.00	32.40 -1.32 0.00	28.07 -1.14 0.00
NINE_MILE_2 23744	28.79 -0.89 0.00	25.73 -0.71 0.00	23.68 -0.63 0.00	22.00 -0.59 0.00	22.02 -0.56 0.00	22.55 -0.55 0.00	24.64 -0.68 0.00	26.49 -1.25 0.00	27.31 -1.35 0.00	28.88 -1.36 0.00	31.09 -1.36 0.00	33.12 -1.38 0.00	34.79 -1.49 0.00	37.10 -1.55 0.00	39.29 -1.47 0.00	43.34 -1.90 0.00	49.01 -1.83 0.14	55.37 -2.49 0.00	51.23 -2.14 0.00	43.82 -1.92 0.00	40.01 -1.67 0.00	36.49 -1.44 0.00	32.40 -1.32 0.00	28.07 -1.14 0.00
NM_CAPITAL___DRP 24208	30.60 0.92 0.00	27.16 0.71 0.00	24.99 0.68 0.00	23.25 0.66 0.00	23.24 0.65 0.00	23.73 0.62 0.00	25.95 0.63 0.00	28.41 0.67 0.00	29.37 0.72 0.00	30.87 0.63 0.00	33.04 0.58 0.00	35.12 0.62 0.00	37.11 0.83 0.00	39.54 0.89 0.00	41.70 0.94 0.00	46.46 1.22 0.00	52.57 1.58 0.00	59.70 1.85 0.00	55.18 1.81 0.00	47.29 1.56 0.00	42.93 1.25 0.00	38.95 1.02 0.00	34.52 0.81 0.00	29.91 0.70 0.00
NM_CENTRAL___DRP 24181	29.41 -0.27 0.00	26.26 -0.19 0.00	24.14 -0.17 0.00	22.43 -0.16 0.00	22.43 -0.16 0.00	23.02 -0.09 0.00	25.14 -0.18 0.00	27.13 -0.61 0.00	27.99 -0.66 0.00	29.63 -0.60 0.00	31.97 -0.49 0.00	34.09 -0.41 0.00	35.74 -0.54 0.00	38.18 -0.46 0.00	40.35 -0.41 0.00	44.56 -0.68 0.00	50.22 -0.51 0.26	57.04 -0.81 0.00	52.67 -0.69 0.00	45.01 -0.73 0.00	41.10 -0.58 0.00	37.48 -0.46 0.00	33.31 -0.40 0.00	28.83 -0.38 0.00

NM_FRONTIER___DRP 24179	27.96 -1.72 0.00	24.78 -1.67 0.00	22.90 -1.41 0.00	21.26 -1.33 0.00	21.32 -1.26 0.00	21.95 -1.16 0.00	23.32 -2.00 0.00	25.19 -2.52 0.02	26.17 -2.46 0.02	27.82 -2.39 0.02	30.84 -1.59 0.02	32.96 -1.52 0.02	34.05 -2.21 0.02	36.58 -2.05 0.02	38.86 -1.87 0.02	42.00 -3.21 0.02	47.46 -3.36 0.16	53.37 -4.45 0.02	49.18 -4.16 0.02	41.87 -3.84 0.02	38.58 -3.08 0.02	35.71 -2.20 0.02	31.94 -1.75 0.02	27.90 -1.29 0.02
NM_ST_REGIS___HYD 24053	28.67 -1.01 0.00	25.70 -0.74 0.00	23.58 -0.73 0.00	21.85 -0.75 0.00	21.84 -0.75 0.00	22.35 -0.76 0.00	24.69 -0.63 0.00	26.82 -0.92 0.00	27.54 -1.12 0.00	29.06 -1.18 0.00	31.15 -1.30 0.00	33.16 -1.35 0.00	34.76 -1.52 0.00	36.95 -1.70 0.00	38.84 -1.92 0.00	43.06 -2.17 0.00	40.54 -3.42 7.03	54.26 -3.59 0.00	50.05 -3.31 0.00	43.18 -2.56 0.00	40.01 -1.67 0.00	36.75 -1.18 0.00	32.60 -1.11 0.00	28.21 -0.99 0.00
NORTHPORT___1 23551	34.49 2.91 -1.90	32.54 2.30 -3.80	28.32 2.14 -1.87	24.67 2.08 0.00	25.92 2.03 -1.30	25.19 2.08 0.00	27.70 2.38 0.00	33.11 2.72 -2.65	34.87 3.01 -3.21	35.46 3.05 -2.17	38.98 2.98 -3.54	42.45 3.00 -4.95	42.18 3.23 -2.67	42.26 3.13 -0.48	43.96 3.14 -0.06	48.81 3.57 0.00	54.91 3.93 0.00	62.83 4.98 0.00	57.58 4.21 0.00	49.17 3.43 0.00	44.43 2.75 0.00	42.38 2.58 -1.87	38.32 2.36 -2.25	37.57 2.22 -6.14
NORTHPORT___2 23552	34.49 2.91 -1.90	32.54 2.30 -3.80	28.32 2.14 -1.87	24.67 2.08 0.00	25.92 2.03 -1.30	25.19 2.08 0.00	27.70 2.38 0.00	33.11 2.72 -2.65	34.87 3.01 -3.21	35.46 3.05 -2.17	38.98 2.98 -3.54	42.45 3.00 -4.95	42.18 3.23 -2.67	42.26 3.13 -0.48	43.96 3.14 -0.06	48.81 3.57 0.00	54.91 3.93 0.00	62.83 4.98 0.00	57.58 4.21 0.00	49.17 3.43 0.00	44.43 2.75 0.00	42.38 2.58 -1.87	38.32 2.36 -2.25	37.57 2.22 -6.14
NORTHPORT___3 23553	33.80 2.23 -1.90	32.01 1.77 -3.80	27.81 1.63 -1.87	24.13 1.54 0.00	25.38 1.49 -1.30	24.61 1.50 0.00	27.07 1.75 0.00	32.45 2.05 -2.65	34.17 2.32 -3.20	34.84 2.45 -2.16	38.58 2.60 -3.53	42.06 2.62 -4.94	41.88 2.94 -2.66	42.25 3.05 -0.55	43.88 3.06 -0.07	48.71 3.48 0.01	54.90 3.93 0.01	62.64 4.80 0.01	57.36 4.00 0.01	48.88 3.15 0.01	44.17 2.50 0.01	42.14 2.35 -1.86	37.98 2.02 -2.24	37.15 1.81 -6.13
NORTHPORT___4 23650	33.80 2.23 -1.90	32.01 1.77 -3.80	27.81 1.63 -1.87	24.13 1.54 0.00	25.38 1.49 -1.30	24.61 1.50 0.00	27.07 1.75 0.00	32.45 2.05 -2.65	34.17 2.32 -3.20	34.84 2.45 -2.16	38.58 2.60 -3.53	42.06 2.62 -4.94	41.88 2.94 -2.66	42.25 3.05 -0.55	43.88 3.06 -0.07	48.71 3.48 0.01	54.90 3.93 0.01	62.64 4.80 0.01	57.36 4.00 0.01	48.88 3.15 0.01	44.17 2.50 0.01	42.14 2.35 -1.86	37.98 2.02 -2.24	37.15 1.81 -6.13
NORTHPORT___IC 23718	34.49 2.91 -1.90	32.54 2.30 -3.80	28.32 2.14 -1.87	24.67 2.08 0.00	25.92 2.03 -1.30	25.19 2.08 0.00	27.70 2.38 0.00	33.11 2.72 -2.65	34.87 3.01 -3.21	35.46 3.05 -2.17	38.98 2.99 -3.54	42.49 3.04 -4.95	42.22 3.27 -2.67	42.30 3.17 -0.48	44.00 3.18 -0.06	48.81 3.57 0.00	55.01 4.03 0.00	62.83 4.98 0.00	57.58 4.22 0.00	49.17 3.43 0.00	44.43 2.75 0.00	40.90 2.47 -0.50	36.92 2.36 -0.85	34.18 2.22 -2.75
NORTH___COUNTRY_ESR 323785	29.65 -0.03 0.00	26.55 0.11 0.00	24.33 0.02 0.00	22.57 -0.02 0.00	22.56 -0.02 0.00	23.06 -0.05 0.00	25.40 0.08 0.00	27.52 -0.22 0.00	28.28 -0.37 0.00	29.84 -0.39 0.00	32.03 -0.42 0.00	34.05 -0.45 0.00	35.66 -0.62 0.00	37.99 -0.66 0.00	39.86 -0.90 0.00	44.24 -1.00 0.00	47.76 -1.99 1.23	56.00 -1.85 0.00	51.49 -1.87 0.00	44.55 -1.19 0.00	41.52 -0.17 0.00	37.70 -0.23 0.00	33.54 -0.17 0.00	29.03 -0.17 0.00
NPX_GEN_1385_PROXY 323591	33.66 2.08 -1.90	31.80 1.56 -3.80	27.83 1.65 -1.87	24.60 2.01 0.00	25.69 1.81 -1.30	25.12 2.01 0.00	27.62 2.30 0.00	32.89 2.50 -2.65	34.29 2.43 -3.21	34.58 2.18 -2.17	35.24 2.01 -0.77	37.54 1.97 -1.07	41.20 2.25 -2.67	41.29 2.16 -0.48	43.06 2.24 -0.06	48.00 2.76 0.00	53.79 2.80 0.00	62.13 4.28 0.00	57.53 4.16 0.00	49.07 3.34 0.00	44.35 2.67 0.00	42.11 2.31 -1.87	38.09 2.13 -2.25	37.13 1.78 -6.14
NPX_GEN_CSC 323557	34.37 2.79 -1.90	32.41 2.17 -3.80	28.17 1.99 -1.87	24.47 1.87 0.00	25.76 1.87 -1.30	24.98 1.87 0.00	27.45 2.13 0.00	32.83 2.44 -2.65	34.78 2.92 -3.21	35.52 3.11 -2.17	39.37 3.37 -3.54	42.93 3.48 -4.95	42.79 3.84 -2.67	43.08 3.86 -0.57	44.92 4.08 -0.08	49.81 4.57 -0.01	56.14 5.15 -0.01	64.17 6.31 -0.01	58.82 5.45 -0.01	50.09 4.35 -0.01	45.27 3.59 0.00	43.02 3.22 -1.87	38.76 2.80 -2.25	37.83 2.48 -6.14
NSINS_S_GLNS_FALLS 23858	32.14 2.46 0.00	28.59 2.14 0.00	26.21 1.90 0.00	24.35 1.76 0.00	24.32 1.74 0.00	24.89 1.78 0.00	27.30 1.98 0.00	30.04 2.30 0.00	31.15 2.49 0.00	32.81 2.57 0.00	34.79 2.34 0.00	37.16 2.66 0.00	39.22 2.94 0.00	41.43 2.78 0.00	43.78 3.02 0.00	48.99 3.75 0.00	55.62 4.64 0.00	63.69 5.84 0.00	59.55 6.19 0.00	51.00 5.26 0.00	46.68 5.00 0.00	42.22 4.29 0.00	37.22 3.51 0.00	32.16 2.95 0.00
NUCOR_STEEL___DRP 24197	29.91 0.24 0.00	26.68 0.24 0.00	24.53 0.22 0.00	22.77 0.18 0.00	22.79 0.20 0.00	23.41 0.30 0.00	25.57 0.25 0.00	27.60 -0.14 0.00	28.42 -0.23 0.00	30.08 -0.15 0.00	32.42 -0.03 0.00	34.61 0.10 0.00	36.28 0.00 0.00	38.80 0.15 0.00	41.00 0.24 0.00	45.28 0.05 0.00	51.10 0.31 0.19	58.02 0.17 0.00	53.58 0.21 0.00	45.83 0.09 0.00	41.89 0.21 0.00	38.23 0.30 0.00	33.95 0.24 0.00	29.32 0.12 0.00
NUMBER_THREE_WT_PWR 323818	29.41 -0.27 0.00	26.23 -0.21 0.00	24.09 -0.22 0.00	22.28 -0.32 0.00	22.29 -0.29 0.00	22.95 -0.16 0.00	25.35 0.03 0.00	27.38 -0.36 0.00	28.19 -0.46 0.00	29.84 -0.39 0.00	31.97 -0.49 0.00	34.05 -0.45 0.00	35.88 -0.40 0.00	38.26 -0.39 0.00	40.31 -0.45 0.00	44.69 -0.54 0.00	48.03 -0.56 2.40	57.39 -0.46 0.00	53.20 -0.16 0.00	45.92 0.18 0.00	42.06 0.37 0.00	38.27 0.34 0.00	33.75 0.03 0.00	29.12 -0.09 0.00
NYISO_LBMP_REFERENCE 24008	29.68 0.00 0.00	26.44 0.00 0.00	24.31 0.00 0.00	22.59 0.00 0.00	22.58 0.00 0.00	23.11 0.00 0.00	25.32 0.00 0.00	27.74 0.00 0.00	28.65 0.00 0.00	30.24 0.00 0.00	32.45 0.00 0.00	34.50 0.00 0.00	36.28 0.00 0.00	38.65 0.00 0.00	40.76 0.00 0.00	45.24 0.00 0.00	50.98 0.00 0.00	57.85 0.00 0.00	53.36 0.00 0.00	45.74 0.00 0.00	41.68 0.00 0.00	37.93 0.00 0.00	33.71 0.00 0.00	29.21 0.00 0.00
NYPA_BRENTWD____GT 24164	34.87 3.29 -1.90	32.83 2.59 -3.80	28.56 2.38 -1.87	24.85 2.26 0.00	26.12 2.24 -1.30	25.40 2.29 0.00	27.91 2.58 0.00	33.33 2.94 -2.65	35.18 3.32 -3.21	35.88 3.48 -2.17	39.66 3.67 -3.54	43.21 3.76 -4.95	43.05 4.10 -2.67	43.43 4.09 -0.69	44.96 4.11 -0.09	49.85 4.62 0.00	55.83 4.85 0.00	63.81 5.96 0.00	58.49 5.12 0.00	50.13 4.39 0.00	45.35 3.67 0.00	43.33 3.53 -1.87	39.10 3.14 -2.25	38.15 2.80 -6.14

NYPA_GOWANUS____GT5 24156	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.64 3.14 0.00	39.84 3.56 0.00	42.44 3.79 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.84 2.22 -1.91	36.05 2.19 -4.65
NYPA_GOWANUS____GT6 24157	32.41 2.67 -0.06	28.62 2.17 -0.01	26.29 1.97 -0.01	24.47 1.87 -0.01	24.42 1.83 -0.01	24.94 1.83 -0.01	27.37 2.05 0.00	30.19 2.44 -0.01	41.92 2.84 -10.43	37.01 3.02 -3.75	37.64 3.18 -2.00	37.64 3.14 0.00	39.84 3.56 0.00	42.44 3.79 -0.01	44.51 3.75 0.00	68.95 4.16 -19.55	55.66 4.69 0.01	63.16 5.32 0.01	57.99 4.64 0.01	49.48 3.75 0.01	44.63 2.96 0.01	42.44 2.65 -1.86	37.84 2.22 -1.91	36.05 2.19 -4.65
NYPA_HARLEM__RVR__GT1 24160	32.12 2.43 -0.01	28.57 2.12 -0.01	26.24 1.92 -0.01	24.38 1.78 -0.01	24.33 1.74 -0.01	24.90 1.78 -0.01	27.30 1.98 0.00	30.10 2.36 -0.01	31.34 2.69 0.01	33.10 2.87 0.01	35.46 3.02 0.01	37.46 2.97 0.01	39.57 3.30 0.01	42.16 3.52 0.01	44.13 3.38 0.01	48.91 3.66 -0.01	55.26 4.28 0.01	62.70 4.86 0.01	57.67 4.32 0.01	49.20 3.47 0.01	44.26 2.59 0.01	42.18 2.39 -1.86	37.64 2.02 -1.91	35.77 1.93 -4.63
NYPA_HARLEM__RVR__GT2 24161	32.12 2.43 -0.01	28.57 2.12 -0.01	26.24 1.92 -0.01	24.38 1.78 -0.01	24.33 1.74 -0.01	24.90 1.78 -0.01	27.30 1.98 0.00	30.10 2.36 -0.01	31.34 2.69 0.01	33.10 2.87 0.01	35.46 3.02 0.01	37.46 2.97 0.01	39.57 3.30 0.01	42.16 3.52 0.01	44.13 3.38 0.01	48.91 3.66 -0.01	55.26 4.28 0.01	62.70 4.86 0.01	57.67 4.32 0.01	49.20 3.47 0.01	44.26 2.59 0.01	42.18 2.39 -1.86	37.64 2.02 -1.91	35.77 1.93 -4.63
NYPA_KENT____GT 24152	32.35 2.64 -0.04	28.57 2.12 -0.01	26.24 1.92 -0.01	24.45 1.85 -0.01	24.38 1.78 -0.01	24.92 1.80 -0.01	27.35 2.03 0.00	30.19 2.44 -0.01	39.85 2.81 -8.38	36.98 2.99 -3.75	37.60 3.15 -2.00	37.64 3.14 0.00	39.76 3.48 0.00	42.40 3.75 -0.01	44.39 3.63 0.00	49.25 3.98 -0.04	55.51 4.54 0.01	62.99 5.15 0.01	57.78 4.43 0.01	49.30 3.57 0.01	44.51 2.84 0.01	42.33 2.54 -1.86	37.81 2.19 -1.91	35.98 2.13 -4.64
NYPA_POUCH1____GT 24155	32.31 2.58 -0.06	28.57 2.12 -0.01	26.24 1.92 -0.01	24.45 1.85 -0.01	24.38 1.78 -0.01	24.90 1.78 -0.01	27.27 1.95 0.00	30.08 2.33 -0.01	41.81 2.72 -10.43	36.89 2.90 -3.75	37.51 3.05 -2.00	37.50 3.00 0.00	39.69 3.41 0.00	42.33 3.67 -0.01	44.35 3.59 0.00	68.81 4.02 -19.55	55.51 4.54 0.01	62.99 5.15 0.01	57.84 4.48 0.01	49.34 3.61 0.01	44.51 2.84 0.01	42.33 2.54 -1.86	37.74 2.13 -1.91	35.98 2.13 -4.65
NYPA_VERNON____GT2 24162	32.31 2.61 -0.02	28.54 2.09 -0.01	26.22 1.90 -0.01	24.41 1.81 -0.01	24.35 1.76 -0.01	24.90 1.78 -0.01	27.35 2.03 0.00	30.19 2.44 -0.01	37.77 2.78 -6.34	36.98 2.99 -3.75	37.60 3.15 -2.00	37.64 3.14 0.00	39.76 3.48 0.00	42.37 3.71 -0.01	44.35 3.59 0.00	49.14 3.89 -0.02	55.36 4.39 0.01	62.87 5.03 0.01	57.67 4.32 0.01	49.20 3.47 0.01	44.38 2.71 0.01	42.25 2.46 -1.86	37.78 2.16 -1.91	35.92 2.07 -4.64
NYPA_VERNON____GT3 24163	32.31 2.61 -0.02	28.54 2.09 -0.01	26.22 1.90 -0.01	24.41 1.81 -0.01	24.35																			

OAKDALE___35_KV_LOAD 356122	29.89 0.21 0.00	26.60 0.16 0.00	24.46 0.15 0.00	22.73 0.14 0.00	22.72 0.14 0.00	23.34 0.23 0.00	25.47 0.15 0.00	27.68 -0.06 0.00	28.65 0.00 0.00	30.33 0.09 0.00	32.74 0.29 0.00	34.88 0.38 0.00	36.57 0.29 0.00	39.07 0.43 0.00	41.29 0.53 0.00	45.55 0.32 0.00	51.55 0.56 0.00	58.26 0.40 0.00	53.74 0.37 0.00	46.01 0.27 0.00	41.97 0.29 0.00	38.31 0.38 0.00	34.05 0.34 0.00	29.44 0.23 0.00
OCC_CHEM___DRP 24175	28.02 -1.66 0.00	24.83 -1.61 0.00	22.97 -1.34 0.00	21.33 -1.27 0.00	21.39 -1.20 0.00	22.02 -1.09 0.00	23.40 -1.92 0.00	25.25 -2.47 0.02	26.22 -2.41 0.02	27.88 -2.33 0.02	30.90 -1.53 0.02	33.03 -1.45 0.02	34.12 -2.14 0.02	36.65 -1.97 0.02	38.94 -1.79 0.02	42.09 -3.12 0.02	47.56 -3.26 0.16	53.49 -4.34 0.03	49.28 -4.06 0.02	41.92 -3.80 0.02	38.66 -3.00 0.02	35.78 -2.12 0.02	32.00 -1.69 0.02	27.93 -1.26 0.02
OH_GEN_PROXY 24063	28.37 -1.31 0.00	25.17 -1.27 0.00	23.27 -1.04 0.00	21.60 -0.99 0.00	21.68 -0.90 0.00	22.30 -0.81 0.00	23.75 -1.57 0.00	26.02 -1.72 0.00	26.82 -1.83 0.00	28.54 -1.69 0.00	31.51 -0.94 0.00	33.67 -0.83 0.00	34.90 -1.38 0.00	37.22 -1.43 0.00	39.90 -0.86 0.00	42.79 -2.44 0.00	48.96 -1.89 0.14	53.28 -4.57 0.00	50.10 -3.26 0.00	42.72 -3.02 0.00	39.39 -2.29 0.00	36.60 -1.33 0.00	32.70 -1.01 0.00	28.51 -0.70 0.00
OLIN_CORP_DRP 24177	28.34 -1.34 0.00	25.10 -1.35 0.00	23.24 -1.07 0.00	21.58 -1.02 0.00	21.64 -0.95 0.00	22.25 -0.85 0.00	23.65 -1.67 0.00	25.77 -1.97 0.00	26.76 -1.89 0.00	28.48 -1.75 0.00	31.55 -0.91 0.00	33.68 -0.83 0.00	34.72 -1.56 0.00	37.26 -1.39 0.00	39.62 -1.14 0.00	42.75 -2.49 0.00	48.25 -2.60 0.13	54.27 -3.59 0.00	50.11 -3.26 0.00	42.63 -3.11 0.00	39.35 -2.33 0.00	36.45 -1.48 0.00	32.70 -1.01 0.00	28.57 -0.64 0.00
OLIN_CORP_DSASP 323712	28.02 -1.66 0.00	24.83 -1.61 0.00	22.97 -1.34 0.00	21.33 -1.26 0.00	21.41 -1.18 0.00	22.02 -1.09 0.00	23.40 -1.93 0.00	25.47 -2.25 0.02	26.22 -2.41 0.02	27.88 -2.33 0.02	30.87 -1.56 0.02	33.03 -1.45 0.02	34.30 -1.96 0.02	36.65 -1.97 0.02	39.23 -1.51 0.02	42.09 -3.12 0.02	48.22 -2.60 0.16	52.33 -5.50 0.03	49.23 -4.11 0.02	41.92 -3.80 0.02	38.66 -3.00 0.02	35.89 -2.01 0.02	32.04 -1.65 0.02	27.93 -1.26 0.02
ONEIDA_HERK_LFGE 323681	30.03 0.36 0.00	26.76 0.32 0.00	24.58 0.27 0.00	22.77 0.18 0.00	22.76 0.18 0.00	23.41 0.30 0.00	25.80 0.48 0.00	27.99 0.25 0.00	28.85 0.20 0.00	30.54 0.30 0.00	32.74 0.29 0.00	34.88 0.38 0.00	36.79 0.51 0.00	39.23 0.58 0.00	41.41 0.65 0.00	45.87 0.63 0.00	50.74 0.87 1.11	58.89 1.04 0.00	54.53 1.17 0.00	46.88 1.14 0.00	42.81 1.13 0.00	38.95 1.02 0.00	34.39 0.67 0.00	29.70 0.50 0.00
ONEIDA___115KV_TB4 55905	30.42 0.74 0.00	27.10 0.66 0.00	24.92 0.61 0.00	23.07 0.47 0.00	23.08 0.50 0.00	23.73 0.62 0.00	26.11 0.78 0.00	28.27 0.53 0.00	29.17 0.52 0.00	30.87 0.63 0.00	33.13 0.68 0.00	35.33 0.83 0.00	37.22 0.94 0.00	39.77 1.12 0.00	41.98 1.22 0.00	46.50 1.27 0.00	52.24 1.73 0.48	59.88 2.02 0.00	55.28 1.92 0.00	47.48 1.74 0.00	43.35 1.67 0.00	39.41 1.48 0.00	34.82 1.11 0.00	30.08 0.88 0.00
ONONDAGA_REF_OCCRA 23987	29.38 -0.30 0.00	26.23 -0.21 0.00	24.12 -0.19 0.00	22.41 -0.18 0.00	22.40 -0.18 0.00	22.97 -0.14 0.00	25.12 -0.20 0.00	27.07 -0.67 0.00	27.97 -0.69 0.00	29.60 -0.63 0.00	31.97 -0.49 0.00	34.09 -0.41 0.00	35.74 -0.54 0.00	38.18 -0.46 0.00	40.35 -0.41 0.00	44.56 -0.68 0.00	50.29 -0.46 0.23	57.10 -0.75 0.00	52.67 -0.69 0.00	45.05 -0.69 0.00	41.10 -0.58 0.00	37.48 -0.46 0.00	33.27 -0.44 0.00	28.80 -0.41 0.00
ONONDAGA___COGEN 23986	29.59 -0.09 0.00	26.42 -0.03 0.00	24.29 -0.02 0.00	22.55 -0.05 0.00	22.56 -0.02 0.00	23.13 0.02 0.00	25.30 -0.03 0.00	27.24 -0.50 0.00	28.11 -0.54 0.00	29.75 -0.48 0.00	32.10 -0.36 0.00	34.23 -0.28 0.00	35.88 -0.40 0.00	38.38 -0.27 0.00	40.56 -0.20 0.00	44.78 -0.45 0.00	50.51 -0.25 0.22	57.33 -0.52 0.00	52.94 -0.43 0.00	45.28 -0.46 0.00	41.35 -0.33 0.00	37.66 -0.27 0.00	33.48 -0.24 0.00	28.95 -0.26 0.00
ONTARIO___LFGE 23819	29.77 0.09 0.00	26.52 0.08 0.00	24.43 0.12 0.00	22.68 0.09 0.00	22.72 0.14 0.00	23.41 0.30 0.00	25.45 0.13 0.00	27.71 -0.03 0.00	28.48 -0.17 0.00	30.11 -0.12 0.00	32.71 0.26 0.00	34.99 0.48 0.00	36.61 0.33 0.00	39.11 0.47 0.00	41.57 0.81 0.00	45.51 0.27 0.00	51.85 1.02 0.16	57.79 -0.06 0.00	53.95 0.59 0.00	46.01 0.28 0.00	42.18 0.50 0.00	38.69 0.76 0.00	34.25 0.54 0.00	29.62 0.41 0.00
ORANGEVILLE_WT_PWR 323706	29.20 -0.48 0.00	25.89 -0.56 0.00	23.92 -0.39 0.00	22.19 -0.41 0.00	22.27 -0.32 0.00	22.92 -0.19 0.00	24.59 -0.74 0.00	27.08 -0.67 0.00	27.94 -0.72 0.00	29.69 -0.54 0.00	32.62 0.16 0.00	34.88 0.38 0.00	36.32 0.04 0.00	38.76 0.12 0.00	41.37 0.61 0.00	44.70 -0.54 0.00	51.25 0.26 0.00	55.60 -2.26 0.00	52.40 -0.96 0.00	44.64 -1.10 0.00	41.10 -0.58 0.00	38.05 0.11 0.00	33.88 0.17 0.00	29.44 0.23 0.00
ORANGEVILLE___ESR 323794	29.20 -0.48 0.00	25.89 -0.56 0.00	23.92 -0.39 0.00	22.19 -0.41 0.00	22.27 -0.32 0.00	22.92 -0.19 0.00	24.59 -0.74 0.00	27.08 -0.67 0.00	27.94 -0.72 0.00	29.69 -0.54 0.00	32.62 0.16 0.00	34.88 0.38 0.00	36.32 0.04 0.00	38.76 0.12 0.00	41.37 0.61 0.00	44.70 -0.54 0.00	51.25 0.26 0.00	55.60 -2.26 0.00	52.40 -0.96 0.00	44.64 -1.10 0.00	41.10 -0.58 0.00	38.05 0.11 0.00	33.88 0.17 0.00	29.44 0.23 0.00
OSWEGATCHIE___HYD 24044	28.58 -1.10 0.00	25.57 -0.87 0.00	23.46 -0.85 0.00	21.71 -0.88 0.00	21.70 -0.88 0.00	22.30 -0.81 0.00	24.64 -0.68 0.00	26.69 -1.05 0.00	27.45 -1.20 0.00	29.03 -1.21 0.00	31.09 -1.36 0.00	33.12 -1.38 0.00	34.79 -1.49 0.00	37.06 -1.59 0.00	38.97 -1.79 0.00	43.25 -1.99 0.00	42.79 -2.70 5.49	55.08 -2.78 0.00	50.91 -2.45 0.00	43.95 -1.78 0.00	40.43 -1.25 0.00	36.91 -1.02 0.00	32.70 -1.01 0.00	28.24 -0.96 0.00
OSWEGO___5 23606	29.02 -0.65 0.00	25.92 -0.53 0.00	23.85 -0.46 0.00	22.16 -0.43 0.00	22.15 -0.43 0.00	22.71 -0.39 0.00	24.81 -0.51 0.00	26.69 -1.05 0.00	27.51 -1.15 0.00	29.09 -1.15 0.00	31.35 -1.10 0.00	33.40 -1.11 0.00	35.08 -1.20 0.00	37.41 -1.24 0.00	39.62 -1.14 0.00	43.70 -1.54 0.00	49.40 -1.43 0.16	55.77 -2.08 0.00	51.60 -1.76 0.00	44.18 -1.56 0.00	40.35 -1.34 0.00	36.83 -1.10 0.00	32.67 -1.05 0.00	28.30 -0.91 0.00
OSWEGO___6 23613	29.02 -0.65 0.00	25.92 -0.53 0.00	23.85 -0.46 0.00	22.16 -0.43 0.00	22.15 -0.43 0.00	22.71 -0.39 0.00	24.81 -0.51 0.00	26.69 -1.05 0.00	27.51 -1.15 0.00	29.09 -1.15 0.00	31.35 -1.10 0.00	33.40 -1.11 0.00	35.08 -1.20 0.00	37.41 -1.24 0.00	39.62 -1.14 0.00	43.70 -1.54 0.00	49.40 -1.43 0.16	55.77 -2.08 0.00	51.60 -1.76 0.00	44.18 -1.56 0.00	40.35 -1.34 0.00	36.83 -1.10 0.00	32.67 -1.05 0.00	28.30 -0.91 0.00

OUTOKUMPU-AB___DRP 24206	28.88 -0.80 0.00	25.54 -0.90 0.00	23.65 -0.66 0.00	21.94 -0.66 0.00	22.00 -0.59 0.00	22.67 -0.44 0.00	24.13 -1.19 0.00	26.37 -1.39 -0.02	27.38 -1.29 -0.02	29.10 -1.15 -0.02	32.27 -0.19 -0.02	34.52 0.00 -0.02	35.68 -0.62 -0.02	38.39 -0.27 -0.02	40.74 -0.04 -0.02	44.08 -1.18 -0.02	49.93 -1.07 -0.02	55.96 -1.91 -0.02	51.51 -1.87 -0.02	43.83 -1.92 -0.02	40.41 -1.29 -0.02	37.38 -0.57 -0.02	33.43 -0.30 -0.02	29.12 -0.09 0.00
OXBOW___BTM 323836	28.46 -1.22 0.00	25.20 -1.24 0.00	23.31 -1.00 0.00	21.62 -0.97 0.00	21.73 -0.86 0.00	22.35 -0.76 0.00	23.75 -1.57 0.00	26.04 -1.72 -0.02	26.83 -1.83 -0.02	28.56 -1.69 -0.02	31.59 -0.87 -0.02	33.83 -0.69 -0.02	35.13 -1.16 -0.02	37.62 -1.04 -0.02	40.21 -0.57 -0.02	43.17 -2.08 0.12	49.44 -1.43 -0.02	53.59 -4.28 -0.02	50.44 -2.93 -0.02	42.96 -2.79 -0.02	39.57 -2.12 -0.02	36.77 -1.18 -0.02	32.78 -0.94 -0.02	28.56 -0.64 0.01
OXBOW___ 24026	28.46 -1.22 0.00	25.20 -1.24 0.00	23.31 -1.00 0.00	21.62 -0.97 0.00	21.68 -0.90 0.00	22.35 -0.76 0.00	23.75 -1.57 0.00	25.84 -1.91 -0.02	26.84 -1.83 -0.02	28.53 -1.72 -0.02	31.63 -0.84 -0.02	33.83 -0.69 -0.02	34.95 -1.34 -0.02	37.62 -1.04 -0.02	39.92 -0.86 -0.02	43.17 -2.08 0.12	48.78 -2.09 -0.02	54.80 -3.07 -0.02	50.50 -2.88 -0.02	42.96 -2.79 -0.02	39.57 -2.13 -0.02	36.66 -1.29 -0.02	32.75 -0.98 -0.02	28.56 -0.64 0.01
OXY_CHEM_DSASP 323612	28.02 -1.66 0.00	24.83 -1.61 0.00	22.97 -1.34 0.00	21.33 -1.27 0.00	21.39 -1.20 0.00	22.02 -1.09 0.00	23.40 -1.92 0.00	25.25 -2.47 0.02	26.22 -2.41 0.02	27.88 -2.33 0.02	30.90 -1.53 0.02	33.03 -1.45 0.02	34.12 -2.14 0.02	36.65 -1.97 0.02	38.94 -1.79 0.02	42.09 -3.12 0.02	47.56 -3.26 0.16	53.49 -4.34 0.03	49.28 -4.06 0.02	41.92 -3.80 0.02	38.66 -3.00 0.02	35.78 -2.12 0.02	32.00 -1.69 0.02	27.93 -1.26 0.02
OZONE_PARK_ESR 323760	32.53 2.85 0.00	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.39 1.81 0.00	24.96 1.85 0.00	27.45 2.13 0.00	30.29 2.55 0.00	31.58 2.92 0.00	33.38 3.14 0.00	35.80 3.34 0.00	37.85 3.35 0.00	40.02 3.74 0.00	42.59 3.94 0.00	44.79 4.04 0.00	49.85 4.61 0.00	56.29 5.30 0.00	63.87 6.02 0.00	58.48 5.12 0.00	49.94 4.21 0.00	45.10 3.42 0.00	41.47 3.03 -0.50	36.89 2.66 -0.52	32.79 2.34 -1.25
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.02 -1.66 0.00	24.83 -1.61 0.00	22.97 -1.34 0.00	21.33 -1.27 0.00	21.39 -1.20 0.00	22.02 -1.09 0.00	23.40 -1.92 0.00	25.25 -2.47 0.02	26.22 -2.41 0.02	27.88 -2.33 0.02	30.90 -1.53 0.02	33.03 -1.45 0.02	34.12 -2.14 0.02	36.65 -1.97 0.02	38.94 -1.79 0.02	42.09 -3.12 0.02	47.56 -3.26 0.16	53.49 -4.34 0.03	49.28 -4.06 0.02	41.92 -3.80 0.02	38.66 -3.00 0.02	35.78 -2.12 0.02	32.00 -1.69 0.02	27.93 -1.26 0.02
PACKARD___115KV_DUPONT_184 80571	28.02 -1.66 0.00	24.83 -1.61 0.00	22.97 -1.34 0.00	21.33 -1.27 0.00	21.39 -1.20 0.00	22.02 -1.09 0.00	23.40 -1.92 0.00	25.25 -2.47 0.02	26.22 -2.41 0.02	27.88 -2.33 0.02	30.90 -1.53 0.02	33.03 -1.45 0.02	34.12 -2.14 0.02	36.65 -1.97 0.02	38.94 -1.79 0.02	42.09 -3.12 0.02	47.56 -3.26 0.16	53.49 -4.34 0.03	49.28 -4.06 0.02	41.92 -3.80 0.02	38.66 -3.00 0.02	35.78 -2.12 0.02	32.00 -1.69 0.02	27.93 -1.26 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.12 2.43 -0.01	28.51 2.06 0.00	26.18 1.87 0.00	24.33 1.74 0.00	24.28 1.69 0.00	24.84 1.73 0.00	27.22 1.90 0.00	30.02 2.27 0.00	31.25 2.61 0.01	33.01 2.78 0.01	35.37 2.92 0.01	37.40 2.90 0.00	39.55 3.27 0.00	42.07 3.44 0.02	44.14 3.38 0.00	48.82 3.57 -0.01	55.22 4.23 0.00	62.59 4.74 0.00	57.52 4.16 0.00	49.12 3.38 0.00	44.18 2.50 0.00	40.71 2.28 -0.50	36.22 1.99 -0.51	32.38 1.93 -1.25
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.45 2.76 -0.01	28.80 2.35 0.00	26.45 2.14 0.00	24.58 1.99 0.00	24.53 1.94 0.00	25.12 2.01 0.00	27.50 2.18 0.00	30.32 2.58 0.00	31.57 2.92 0.01	33.34 3.11 0.01	35.72 3.28 0.01	37.78 3.28 0.00	39.94 3.66 0.00	42.50 3.86 0.02	44.59 3.83 0.00	49.31 4.07 -0.01	55.83 4.84 0.00	63.29 5.44 0.00	58.16 4.80 0.00	49.62 3.89 0.00	44.64 2.96 0.00	41.13 2.69 -0.50	36.59 2.36 -0.51	32.70 2.25 -1.25
PATROON___115KV_TB1 80586	30.63 0.95 0.00	27.18 0.74 0.00	25.02 0.71 0.00	23.25 0.66 0.00	23.26 0.68 0.00	23.75 0.65 0.00	26.00 0.68 0.00	28.46 0.72 0.00	29.43 0.77 0.00	30.96 0.73 0.00	33.10 0.65 0.00	35.23 0.72 0.00	37.22 0.94 0.00	39.61 0.97 0.00	41.82 1.06 0.00	46.64 1.40 0.00	52.72 1.73 0.00	59.93 2.08 0.00	55.39 2.03 0.00	47.43 1.69 0.00	43.06 1.38 0.00	39.07 1.14 0.00	34.62 0.91 0.00	30.00 0.79 0.00
PATTRSNVILLE___SOLAR 323815	31.22 1.54 0.00	27.77 1.32 0.00	25.50 1.19 0.00	23.70 1.11 0.00	23.67 1.08 0.00	24.24 1.13 0.00	26.66 1.34 0.00	29.02 1.28 0.00	29.97 1.32 0.00	31.56 1.33 0.00	33.78 1.33 0.00	35.95 1.45 0.00	37.73 1.45 0.00	40.19 1.55 0.00	42.39 1.63 0.00	47.22 1.99 0.00	53.38 2.40 0.00	60.86 3.01 0.00	56.40 3.04 0.00	48.39 2.65 0.00	44.01 2.33 0.00	40.58 2.05 -0.60	35.98 1.65 -0.62	32.10 1.40 -1.49
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.05 -0.62 0.00	25.70 -0.74 0.00	23.75 -0.56 0.00	22.05 -0.54 0.00	22.11 -0.47 0.00	22.81 -0.30 0.00	24.43 -0.89 0.00	26.80 -0.94 0.00	27.85 -0.80 0.00	29.60 -0.63 0.00	32.68 0.23 0.00	34.99 0.48 0.00	36.28 0.00 0.00	38.92 0.27 0.00	41.25 0.49 0.00	44.83 -0.41 0.00	50.69 -0.31 -0.01	56.87 -0.98 -0.01	52.35 -1.01 0.00	44.60 -1.14 0.00	40.98 -0.71 0.00	37.90 -0.04 0.00	33.85 0.13 0.00	29.44 0.23 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.14 2.46 0.00	28.43 1.98 0.00	26.06 1.75 0.00	24.26 1.67 0.00	24.19 1.60 0.00	24.70 1.59 0.00	27.14 1.82 0.00	29.85 2.11 0.00	31.06 2.41 0.00	32.74 2.51 0.00	35.18 2.73 0.00	37.33 2.83 0.00	39.55 3.27 0.00	42.20 3.56 0.00	44.51 3.75 0.00	49.58 4.34 0.00	56.13 5.15 0.00	63.81 5.96 0.00	58.43 5.07 0.00	49.90 4.16 0.00	44.97 3.29 0.00	41.30 2.88 -0.49	36.61 2.39 -0.50	32.49 2.07 -1.21
PEEKSKILL___ 23653	31.84 2.17 0.00	28.11 1.67 0.00	25.82 1.51 0.00	24.02 1.42 0.00	23.98 1.40 0.00	24.52 1.41 0.00	26.94 1.62 0.00	29.63 1.89 0.00	30.86 2.21 0.00	32.56 2.33 0.00	34.89 2.44 0.00	36.95 2.45 0.00	39.04 2.76 0.00	41.55 2.90 0.00	43.65 2.89 0.00	48.63 3.39 0.00	54.91 3.93 0.00	62.37 4.52 0.00	57.26 3.89 0.00	48.94 3.20 0.00	44.18 2.50 0.00	42.21 2.31 -1.96	37.68 1.95 -2.02	35.81 1.72 -4.88
PGE MADISON___WINDPWR 24146	31.99 2.32 0.00	28.51 2.06 0.00	26.18 1.87 0.00	24.11 1.51 0.00	24.12 1.54 0.00	24.98 1.87 0.00	27.65 2.33 0.00	30.63 2.88 0.00	31.32 2.67 0.00	33.20 2.96 0.00	35.41 2.95 0.00	37.89 3.38 0.00	40.12 3.84 0.00	42.90 4.25 0.00	45.53 4.77 0.00	50.30 5.07 0.00	57.66 6.68 0.00	65.49 7.64 0.00	61.10 7.73 0.00	52.78 7.04 0.00	48.35 6.67 0.00	43.81 5.88 0.00	38.30 4.58 0.00	32.86 3.65 0.00

PIERCEFIELD___HYD 23852	28.40 -1.28 0.00	25.47 -0.98 0.00	23.36 -0.95 0.00	21.64 -0.95 0.00	21.64 -0.95 0.00	22.16 -0.95 0.00	24.46 -0.86 0.00	26.60 -1.14 0.00	27.33 -1.32 0.00	28.84 -1.39 0.00	30.89 -1.56 0.00	32.88 -1.62 0.00	34.50 -1.78 0.00	36.64 -2.01 0.00	38.52 -2.24 0.00	42.75 -2.49 0.00	39.08 -3.82 8.08	53.80 -4.05 0.00	49.63 -3.74 0.00	42.81 -2.93 0.00	39.51 -2.17 0.00	36.45 -1.48 0.00	32.33 -1.38 0.00	27.98 -1.23 0.00
PINELAWN_CC_1 323563	34.61 3.03 -1.90	32.62 2.38 -3.80	28.36 2.19 -1.87	24.65 2.06 0.00	25.92 2.03 -1.30	25.16 2.06 0.00	27.68 2.36 0.00	33.11 2.72 -2.65	34.93 3.07 -3.21	35.64 3.24 -2.17	39.43 3.44 -3.54	42.62 3.17 -4.95	42.40 3.45 -2.67	43.31 3.52 -1.15	44.50 3.59 -0.15	49.17 3.93 0.00	55.37 4.39 0.00	63.23 5.38 0.00	57.95 4.59 0.00	49.40 3.66 0.00	44.85 3.17 0.00	42.80 3.00 -1.87	38.89 2.93 -2.25	37.95 2.60 -6.14
PJM_GEN_HTTP_PROXY 323702	32.14 2.46 0.00	28.32 1.88 0.00	26.01 1.70 0.00	24.20 1.60 0.00	24.14 1.56 0.00	24.70 1.59 0.00	27.17 1.85 0.00	29.96 2.22 0.00	31.23 2.58 0.00	32.99 2.75 0.00	35.34 2.89 0.00	37.37 2.86 0.00	39.51 3.23 0.00	42.01 3.36 0.00	44.14 3.38 0.00	49.22 3.98 0.00	55.47 4.49 0.00	62.94 5.09 0.00	57.74 4.38 0.00	49.31 3.57 0.00	44.52 2.84 0.00	42.38 2.58 -1.87	37.85 2.22 -1.92	35.83 1.99 -4.63
PJM_GEN_KEystone 24065	30.24 0.56 0.00	26.76 0.32 0.00	24.63 0.32 0.00	22.91 0.32 0.00	22.92 0.34 0.00	23.52 0.42 0.00	25.60 0.28 0.00	28.10 0.36 0.00	29.17 0.52 0.00	30.87 0.64 0.00	33.36 0.91 0.00	35.47 0.96 0.00	37.22 0.94 0.00	39.61 0.97 0.00	41.90 1.14 0.00	46.14 0.90 0.00	52.36 1.38 0.00	58.37 0.52 0.00	54.21 0.85 0.00	46.33 0.59 0.00	42.14 0.46 0.00	39.76 0.72 -1.11	35.49 0.64 -1.14	32.55 0.58 -2.76
PJM_GEN_NEPTUNE_PROXY 323594	33.28 2.58 -1.02	30.52 2.04 -2.04	27.16 1.85 -1.00	24.33 1.74 0.00	25.00 1.72 -0.70	24.84 1.73 0.00	27.30 1.98 0.00	31.50 2.33 -1.42	33.01 2.63 -1.72	34.21 2.81 -1.16	37.31 2.95 -1.90	40.13 2.97 -2.66	41.01 3.30 -1.43	42.05 3.40 0.00	44.18 3.42 0.00	49.13 3.89 0.00	55.37 4.39 0.00	63.11 5.26 0.00	57.85 4.48 0.00	49.31 3.57 0.00	44.56 2.87 0.00	42.53 2.73 -1.87	38.24 2.43 -2.10	36.78 2.13 -5.44
PJM_GEN_VFT_PROXY 323633	32.08 2.40 0.00	28.24 1.80 0.00	25.91 1.60 0.00	24.13 1.54 0.00	24.07 1.49 0.00	24.63 1.52 0.00	27.09 1.77 0.00	29.91 2.17 0.00	31.18 2.52 0.00	32.93 2.69 0.00	35.31 2.86 0.00	37.26 2.76 0.00	39.36 3.08 0.00	41.85 3.21 0.00	43.98 3.22 0.00	48.99 3.75 0.00	55.21 4.23 0.00	62.71 4.86 0.00	57.53 4.16 0.00	49.07 3.34 0.00	44.31 2.63 0.00	42.19 2.39 -1.87	37.72 2.09 -1.92	35.71 1.87 -4.63
PLATSBURG_115KV_PMLD1 355749	30.51 0.83 0.00	27.34 0.90 0.00	25.06 0.75 0.00	23.22 0.63 0.00	23.24 0.65 0.00	23.73 0.62 0.00	26.18 0.86 0.00	28.05 0.31 0.00	28.80 0.14 0.00	30.39 0.15 0.00	32.65 0.19 0.00	34.74 0.24 0.00	36.35 0.07 0.00	38.76 0.12 0.00	40.68 -0.08 0.00	45.01 -0.23 0.00	48.69 -1.63 0.66	56.29 -1.56 0.00	51.92 -1.44 0.00	45.33 -0.41 0.00	42.89 1.21 0.00	38.99 1.06 0.00	34.55 0.84 0.00	29.91 0.70 0.00
PLEASANTVLY___LBMP 24000	31.58 1.90 0.00	27.90 1.45 0.00	25.65 1.34 0.00	23.88 1.29 0.00	23.83 1.24 0.00	24.36 1.25 0.00	26.74 1.42 0.00	29.40 1.66 0.00	30.52 1.86 0.00	32.20 1.97 0.00	34.46 2.01 0.00	36.54 2.04 0.00	38.64 2.36 0.00	41.08 2.43 0.00	43.29 2.53 0.00	48.18 2.94 0.00	54.45 3.47 0.00	61.79 3.93 0.00	56.78 3.42 0.00	48.53 2.79 0.00	43.93 2.25 0.00	40.29 2.01 -0.35	35.79 1.72 -0.36	31.60 1.52 -0.88
PLSNTVLE_13_KV_13.8KVDIST 80602	31.93 2.26 0.00	28.19 1.75 0.00	25.89 1.58 0.00	24.11 1.51 0.00	24.05 1.47 0.00	24.59 1.48 0.00	27.02 1.70 0.00	29.77 2.03 0.00	30.95 2.29 0.00	32.68 2.45 0.00	34.98 2.53 0.00	37.09 2.59 0.00	39.18 2.90 0.00	41.74 3.09 0.00	43.94 3.18 0.00	48.90 3.66 0.00	55.27 4.28 0.00	62.71 4.86 0.00	57.52 4.16 0.00	49.17 3.43 0.00	44.43 2.75 0.00	40.85 2.47 -0.45	36.27 2.09 -0.46	32.20 1.87 -1.12
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.93 2.26 0.00	28.19 1.75 0.00	25.89 1.58 0.00	24.11 1.51 0.00	24.05 1.47 0.00	24.59 1.48 0.00	27.02 1.70 0.00	29.77 2.03 0.00	30.95 2.29 0.00	32.68 2.45 0.00	34.98 2.53 0.00	37.09 2.59 0.00	39.18 2.90 0.00	41.74 3.09 0.00	43.94 3.18 0.00	48.90 3.66 0.00	55.27 4.28 0.00	62.71 4.86 0.00	57.52 4.16 0.00	49.17 3.43 0.00	44.43 2.75 0.00	40.85 2.47 -0.45	36.27 2.09 -0.46	32.20 1.87 -1.12
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.81 2.14 0.00	28.11 1.67 0.00	25.82 1.51 0.00	24.04 1.45 0.00	24.01 1.42 0.00	24.47 1.36 0.00	26.92 1.60 0.00	29.54 1.80 0.00	30.69 2.03 0.00	32.38 2.15 0.00	34.66 2.21 0.00	36.75 2.24 0.00	38.89 2.61 0.00	41.47 2.82 0.00	43.73 2.98 0.00	48.72 3.48 0.00	55.06 4.08 0.00	62.54 4.69 0.00	57.36 4.00 0.00	49.08 3.34 0.00	44.35 2.67 0.00	40.76 2.35 -0.47	36.15 1.96 -0.49	32.08 1.69 -1.18
POLETTI_____ 23519	32.17 2.49 0.00	28.32 1.88 0.00	26.01 1.70 0.00	24.22 1.63 0.00	24.14 1.56 0.00	24.70 1.59 0.00	27.17 1.85 0.00	29.96 2.22 0.00	31.23 2.58 0.00	33.02 2.78 0.00	35.37 2.92 0.00	37.40 2.90 0.00	39.55 3.27 0.00	42.05 3.40 0.00	44.22 3.46 0.00	49.22 3.98 0.00	55.52 4.54 0.00	63.00 5.15 0.00	57.68 4.32 0.00	49.26 3.52 0.00	44.47 2.79 0.00	40.94 2.50 -0.50	36.45 2.22 -0.52	32.44 1.99 -1.25
POMONA___ESR 323819	31.82 2.14 0.00	28.08 1.64 0.00	25.79 1.48 0.00	24.02 1.42 0.00	23.96 1.38 0.00	24.49 1.39 0.00	26.94 1.62 0.00	29.60 1.86 0.00	30.83 2.18 0.00	32.53 2.30 0.00	34.85 2.40 0.00	36.92 2.41 0.00	38.96 2.68 0.00	41.43 2.78 0.00	43.57 2.81 0.00	48.49 3.26 0.00	54.70 3.72 0.00	62.19 4.34 0.00	57.04 3.68 0.00	48.75 3.02 0.00	44.06 2.37 0.00	42.47 2.20 -2.34	38.00 1.89 -2.40	36.67 1.66 -5.80
PORT_JEFF_3 23555	34.55 2.97 -1.90	32.54 2.30 -3.80	28.29 2.11 -1.87	24.58 1.99 0.00	25.87 1.99 -1.30	25.12 2.01 0.00	27.60 2.28 0.00	33.00 2.61 -2.65	34.89 3.04 -3.21	35.61 3.20 -2.17	39.33 3.34 -3.54	42.76 3.31 -4.95	42.61 3.66 -2.67	42.85 3.63 -0.57	44.63 3.79 -0.08	49.55 4.30 -0.01	55.68 4.69 -0.01	63.59 5.73 -0.01	58.28 4.91 -0.01	49.77 4.03 -0.01	45.02 3.34 0.00	42.80 3.00 -1.87	38.79 2.83 -2.25	37.89 2.54 -6.14
PORT_JEFF_4 23616	34.55 2.97 -1.90	32.54 2.30 -3.80	28.29 2.11 -1.87	24.58 1.99 0.00	25.87 1.99 -1.30	25.12 2.01 0.00	27.60 2.28 0.00	33.00 2.61 -2.65	34.89 3.04 -3.21	35.61 3.20 -2.17	39.33 3.34 -3.54	42.76 3.31 -4.95	42.61 3.66 -2.67	42.85 3.63 -0.57	44.63 3.79 -0.08	49.55 4.30 -0.01	55.68 4.69 -0.01	63.59 5.73 -0.01	58.28 4.91 -0.01	49.77 4.03 -0.01	45.02 3.34 0.00	42.80 3.00 -1.87	38.79 2.83 -2.25	37.89 2.54 -6.14

PORT_JEFF_IC 23713	34.58 3.00 -1.90	32.59 2.35 -3.80	28.34 2.16 -1.87	24.62 2.03 0.00	25.90 2.01 -1.30	25.14 2.03 0.00	27.63 2.30 0.00	33.06 2.66 -2.65	34.92 3.07 -3.21	35.67 3.27 -2.17	39.43 3.44 -3.54	42.90 3.45 -4.95	42.80 3.85 -2.67	43.10 3.86 -0.59	44.93 4.08 -0.09	49.77 4.52 -0.01	55.89 4.89 -0.01	63.71 5.84 -0.01	58.39 5.02 -0.01	50.00 4.25 -0.01	45.22 3.54 0.00	41.62 3.19 -0.50	37.49 2.93 -0.85	34.56 2.60 -2.75
PPL PILGRIM_ST_GT1 24216	34.87 3.29 -1.90	32.83 2.59 -3.80	28.56 2.38 -1.87	24.85 2.26 0.00	26.12 2.24 -1.30	25.40 2.29 0.00	27.91 2.58 0.00	33.33 2.94 -2.65	35.18 3.32 -3.21	35.88 3.48 -2.17	39.66 3.67 -3.54	43.21 3.76 -4.95	43.05 4.10 -2.67	43.43 4.09 -0.69	44.96 4.11 -0.09	49.85 4.62 0.00	55.83 4.85 0.00	63.81 5.96 0.00	58.49 5.12 0.00	50.13 4.39 0.00	45.35 3.67 0.00	43.33 3.53 -1.87	39.10 3.14 -2.25	38.15 2.80 -6.14
PPL PILGRIM_ST_GT2 24217	34.87 3.29 -1.90	32.83 2.59 -3.80	28.56 2.38 -1.87	24.85 2.26 0.00	26.12 2.24 -1.30	25.40 2.29 0.00	27.91 2.58 0.00	33.33 2.94 -2.65	35.18 3.32 -3.21	35.88 3.48 -2.17	39.66 3.67 -3.54	43.21 3.76 -4.95	43.05 4.10 -2.67	43.43 4.09 -0.69	44.96 4.11 -0.09	49.85 4.62 0.00	55.83 4.85 0.00	63.81 5.96 0.00	58.49 5.12 0.00	50.13 4.39 0.00	45.35 3.67 0.00	43.33 3.53 -1.87	39.10 3.14 -2.25	38.15 2.80 -6.14
PPL_SHRM_GT3 24213	34.43 2.85 -1.90	32.43 2.19 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.76 1.87 -1.30	24.98 1.87 0.00	27.47 2.15 0.00	32.86 2.47 -2.65	34.78 2.92 -3.21	35.52 3.11 -2.17	39.40 3.41 -3.54	42.93 3.48 -4.95	42.83 3.88 -2.67	43.09 3.86 -0.58	44.92 4.08 -0.09	49.86 4.62 -0.01	56.25 5.25 -0.01	64.23 6.36 -0.01	58.92 5.55 -0.01	50.14 4.39 -0.01	45.31 3.62 0.00	43.06 3.26 -1.87	38.82 2.86 -2.25	37.86 2.51 -6.14
PPL_SHRM_GT4 24214	34.43 2.85 -1.90	32.43 2.19 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.76 1.87 -1.30	24.98 1.87 0.00	27.47 2.15 0.00	32.86 2.47 -2.65	34.78 2.92 -3.21	35.52 3.11 -2.17	39.40 3.41 -3.54	42.93 3.48 -4.95	42.83 3.88 -2.67	43.09 3.86 -0.58	44.92 4.08 -0.09	49.86 4.62 -0.01	56.25 5.25 -0.01	64.23 6.36 -0.01	58.92 5.55 -0.01	50.14 4.39 -0.01	45.31 3.62 0.00	43.06 3.26 -1.87	38.82 2.86 -2.25	37.86 2.51 -6.14
PROJECT___ORANGE 1 24174	29.44 -0.24 0.00	26.26 -0.19 0.00	24.16 -0.15 0.00	22.46 -0.14 0.00	22.45 -0.14 0.00	23.02 -0.09 0.00	25.17 -0.15 0.00	27.13 -0.61 0.00	27.99 -0.66 0.00	29.66 -0.57 0.00	32.00 -0.45 0.00	34.12 -0.38 0.00	35.74 -0.54 0.00	38.22 -0.43 0.00	40.39 -0.37 0.00	44.60 -0.63 0.00	50.27 -0.46 0.25	57.10 -0.75 0.00	52.67 -0.69 0.00	45.05 -0.69 0.00	41.14 -0.54 0.00	37.48 -0.46 0.00	33.34 -0.37 0.00	28.83 -0.38 0.00
PROJECT___ORANGE 2 24166	29.44 -0.24 0.00	26.26 -0.19 0.00	24.16 -0.15 0.00	22.46 -0.14 0.00	22.45 -0.14 0.00	23.02 -0.09 0.00	25.17 -0.15 0.00	27.13 -0.61 0.00	27.99 -0.66 0.00	29.66 -0.57 0.00	32.00 -0.45 0.00	34.12 -0.38 0.00	35.74 -0.54 0.00	38.22 -0.43 0.00	40.39 -0.37 0.00	44.60 -0.63 0.00	50.27 -0.46 0.25	57.10 -0.75 0.00	52.67 -0.69 0.00	45.05 -0.69 0.00	41.14 -0.54 0.00	37.48 -0.46 0.00	33.34 -0.37 0.00	28.83 -0.38 0.00
PUCKETT___SOLAR 323809	30.39 0.71 0.00	27.05 0.61 0.00	24.87 0.56 0.00	23.07 0.48 0.00	23.08 0.50 0.00	23.75 0.65 0.00	26.00 0.68 0.00	30.57 2.83 0.00	31.20 2.55 0.00	32.93 2.69 0.00	35.05 2.60 0.00	37.40 2.90 0.00	39.62 3.34 0.00	42.36 3.71 0.00	44.96 4.20 0.00	49.85 4.62 0.00	57.20 6.22 0.00	65.20 7.35 0.00	60.89 7.53 0.00	52.60 6.86 0.00	48.14 6.46 0.00	43.38 5.69 0.24	37.95 4.48 0.24	32.21 3.59 0.59
PYRITES___HYD 24023	28.94 -0.74 0.00	25.97 -0.48 0.00	23.82 -0.49 0.00	22.05 -0.54 0.00	22.04 -0.54 0.00	22.60 -0.51 0.00	25.02 -0.30 0.00	27.16 -0.58 0.00	27.88 -0.77 0.00	29.42 -0.82 0.00	31.51 -0.94 0.00	33.57 -0.93 0.00	35.26 -1.02 0.00	37.45 -1.20 0.00	39.37 -1.39 0.00	43.65 -1.58 0.00	39.57 -2.86 8.56	54.90 -2.95 0.00	50.80 -2.56 0.00	43.86 -1.88 0.00	40.56 -1.13 0.00	37.36 -0.57 0.00	33.11 -0.61 0.00	28.59 -0.61 0.00
QUAKERRD_115KV_BK1 80622	28.73 -0.95 0.00	25.49 -0.95 0.00	23.51 -0.80 0.00	21.80 -0.79 0.00	21.86 -0.72 0.00	22.46 -0.65 0.00	24.28 -1.04 0.00	26.33 -1.41 0.00	27.25 -1.40 0.00	28.91 -1.33 0.00	31.58 -0.88 0.00	33.71 -0.79 0.00	35.08 -1.20 0.00	37.56 -1.08 0.00	39.86 -0.90 0.00	43.61 -1.63 0.00	49.26 -1.58 0.15	55.77 -2.08 0.00	51.55 -1.81 0.00	43.91 -1.83 0.00	40.35 -1.33 0.00	36.98 -0.95 0.00	32.90 -0.81 0.00	28.54 -0.67 0.00
QUENSBRY_115KV_TB8 356137	32.20 2.52 0.00	28.64 2.19 0.00	26.26 1.94 0.00	24.40 1.81 0.00	24.35 1.76 0.00	24.93 1.83 0.00	27.35 2.03 0.00	30.13 2.39 0.00	31.23 2.58 0.00	32.90 2.66 0.00	34.89 2.43 0.00	37.26 2.76 0.00	39.33 3.05 0.00	41.51 2.86 0.00	43.86 3.10 0.00	49.13 3.89 0.00	55.73 4.74 0.00	63.87 6.02 0.00	59.77 6.40 0.00	51.18 5.44 0.00	46.89 5.21 0.00	42.37 4.44 0.00	37.32 3.61 0.00	32.22 3.01 0.00
RAMAPO___LBMP 323565	31.67 1.99 0.00	27.95 1.51 0.00	25.70 1.39 0.00	23.90 1.31 0.00	23.85 1.26 0.00	24.40 1.29 0.00	26.81 1.49 0.00	29.49 1.75 0.00	30.69 2.03 0.00	32.38 2.15 0.00	34.66 2.21 0.00	36.75 2.24 0.00	38.82 2.54 0.00	41.28 2.63 0.00	43.41 2.65 0.00	48.27 3.03 0.00	54.55 3.57 0.00	61.90 4.05 0.00	56.78 3.42 0.00	48.57 2.84 0.00	43.89 2.21 0.00	40.62 2.01 -0.68	36.16 1.75 -0.70	32.44 1.55 -1.68
RANKINE____ 23646	29.11 -0.56 0.00	25.76 -0.69 0.00	23.82 -0.49 0.00	22.09 -0.50 0.00	22.16 -0.43 0.00	22.85 -0.25 0.00	24.41 -0.91 0.00	26.83 -0.92 0.00	27.85 -0.80 0.00	29.63 -0.60 0.00	32.75 0.29 0.00	35.06 0.55 0.00	36.25 -0.04 0.00	38.96 0.31 0.00	41.33 0.57 0.00	44.79 -0.45 0.00	50.69 -0.31 -0.01	56.82 -1.04 -0.01	52.35 -1.01 0.00	44.55 -1.19 0.00	41.02 -0.67 0.00	37.93 0.00 0.00	33.92 0.20 0.00	29.53 0.32 0.00
RAVENSWOOD_GT2_1 24244	32.20 2.52 0.00	28.35 1.90 0.00	26.06 1.75 0.00	24.24 1.65 0.00	24.19 1.60 0.00	24.75 1.64 0.00	27.19 1.87 0.00	30.02 2.27 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.44 2.93 0.00	39.58 3.30 0.00	42.09 3.44 0.00	44.26 3.51 0.00	49.22 3.98 0.00	55.57 4.59 0.00	63.06 5.21 0.00	57.74 4.38 0.00	49.30 3.57 0.00	44.56 2.88 0.00	41.01 2.58 -0.50	36.49 2.26 -0.51	32.47 2.02 -1.25
RAVENSWOOD_GT2_2 24245	32.20 2.52 0.00	28.35 1.90 0.00	26.06 1.75 0.00	24.24 1.65 0.00	24.19 1.60 0.00	24.75 1.64 0.00	27.19 1.87 0.00	30.02 2.27 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.44 2.93 0.00	39.58 3.30 0.00	42.09 3.44 0.00	44.26 3.51 0.00	49.22 3.98 0.00	55.57 4.59 0.00	63.06 5.21 0.00	57.74 4.38 0.00	49.30 3.57 0.00	44.56 2.88 0.00	41.01 2.58 -0.50	36.49 2.26 -0.51	32.47 2.02 -1.25

RAVENSWOOD_GT2_3 24246	32.20 2.52 0.00	28.37 1.93 0.00	26.06 1.75 0.00	24.26 1.67 0.00	24.19 1.60 0.00	24.75 1.64 0.00	27.22 1.90 0.00	30.02 2.27 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.44 2.93 0.00	39.58 3.30 0.00	42.13 3.48 0.00	44.26 3.51 0.00	49.26 4.03 0.00	55.62 4.64 0.00	63.06 5.21 0.00	57.79 4.43 0.00	49.35 3.61 0.00	44.60 2.92 0.00	41.01 2.58 -0.50	36.52 2.29 -0.51	32.47 2.02 -1.25
RAVENSWOOD_GT2_4 24247	32.20 2.52 0.00	28.37 1.93 0.00	26.06 1.75 0.00	24.26 1.67 0.00	24.19 1.60 0.00	24.75 1.64 0.00	27.22 1.90 0.00	30.02 2.27 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.44 2.93 0.00	39.58 3.30 0.00	42.13 3.48 0.00	44.26 3.51 0.00	49.26 4.03 0.00	55.62 4.64 0.00	63.06 5.21 0.00	57.79 4.43 0.00	49.35 3.61 0.00	44.60 2.92 0.00	41.01 2.58 -0.50	36.52 2.29 -0.51	32.47 2.02 -1.25
RAVENSWOOD_GT3_1 24248	32.20 2.52 0.00	28.37 1.93 0.00	26.06 1.75 0.00	24.24 1.65 0.00	24.19 1.60 0.00	24.75 1.64 0.00	27.22 1.90 0.00	30.02 2.27 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.44 2.93 0.00	39.58 3.30 0.00	42.13 3.48 0.00	44.26 3.51 0.00	49.22 3.98 0.00	55.57 4.59 0.00	63.06 5.21 0.00	57.79 4.43 0.00	49.30 3.57 0.00	44.56 2.88 0.00	41.01 2.58 -0.50	36.49 2.26 -0.51	32.47 2.02 -1.25
RAVENSWOOD_GT3_2 24249	32.20 2.52 0.00	28.37 1.93 0.00	26.06 1.75 0.00	24.24 1.65 0.00	24.19 1.60 0.00	24.75 1.64 0.00	27.22 1.90 0.00	30.02 2.27 0.00	31.26 2.61 0.00	33.05 2.81 0.00	35.41 2.95 0.00	37.44 2.93 0.00	39.58 3.30 0.00	42.13 3.48 0.00	44.26 3.51 0.00	49.22 3.98 0.00	55.57 4.59 0.00	63.06 5.21 0.00	57.79 4.43 0.00	49.30 3.57 0.00	44.56 2.88 0.00	41.01 2.58 -0.50	36.49 2.26 -0.51	32.47 2.02 -1.25
RAVENSWOOD_GT3_3 24250	32.23 2.55 0.00	28.40 1.96 0.00	26.09 1.77 0.00	24.29 1.69 0.00	24.23 1.65 0.00	24.77 1.66 0.00	27.25 1.92 0.00	30.07 2.33 0.00	31.32 2.66 0.00	33.11 2.87 0.00	35.47 3.02 0.00	37.50 3.00 0.00	39.65 3.37 0.00	42.20 3.56 0.00	44.35 3.59 0.00	49.31 4.07 0.00	55.68 4.69 0.00	63.17 5.32 0.00	57.90 4.54 0.00	49.44 3.70 0.00	44.64 2.96 0.00	41.09 2.66 -0.50	36.55 2.33 -0.51	32.53 2.07 -1.25
RAVENSWOOD_GT3_4 24251	32.23 2.55 0.00	28.40 1.96 0.00	26.09 1.77 0.00	24.29 1.69 0.00	24.23 1.65 0.00	24.77 1.66 0.00	27.25 1.92 0.00	30.07 2.33 0.00	31.32 2.66 0.00	33.11 2.87 0.00	35.47 3.02 0.00	37.50 3.00 0.00	39.65 3.37 0.00	42.20 3.56 0.00	44.35 3.59 0.00	49.31 4.07 0.00	55.68 4.69 0.00	63.17 5.32 0.00	57.90 4.54 0.00	49.44 3.70 0.00	44.64 2.96 0.00	41.09 2.66 -0.50	36.55 2.33 -0.51	32.53 2.07 -1.25
RAVENSWOOD_GT_1 23729	32.31 2.61 -0.02	28.53 2.09 0.00	26.21 1.90 0.00	24.40 1.81 0.00	24.35 1.76 0.00	24.89 1.78 0.00	27.35 2.03 0.00	30.18 2.44 0.00	37.77 2.78 -6.34	36.98 2.99 -3.75	37.60 3.15 -2.00	37.64 3.14 0.00	39.76 3.48 0.00	42.36 3.71 0.00	44.43 3.67 0.00	49.14 3.89 -0.02	55.47 4.49 0.00	62.88 5.03 0.00	57.68 4.32 0.00	49.21 3.48 0.00	44.43 2.75 0.00	40.90 2.47 -0.50	36.38 2.16 -0.51	32.53 2.07 -1.25
RAVENSWOOD_GT_10 24258	32.20 2.52 0.00	28.37 1.93 0.00	26.06 1.75 0.00	24.24 1.65 0.00	24.19 1.60 0.00	24.75 1.64 0.00	27.22 1.90 0.00	30.02 2.27 0.00	31.26															

RAVENSWOOD___1 23533	32.27 2.58 -0.01	28.52 2.06 -0.01	26.19 1.87 -0.01	24.38 1.78 -0.01	24.31 1.72 -0.01	24.87 1.76 -0.01	27.32 2.00 0.00	30.13 2.39 -0.01	36.92 2.75 -5.52	36.92 2.93 -3.75	37.57 3.12 -2.00	37.57 3.07 0.00	39.73 3.45 0.00	42.29 3.63 -0.01	44.30 3.54 0.00	49.09 3.84 -0.01	55.36 4.39 0.01	62.82 4.98 0.01	57.62 4.27 0.01	49.16 3.43 0.01	44.38 2.71 0.01	42.25 2.46 -1.86	37.78 2.16 -1.91	35.89 2.04 -4.63
RAVENSWOOD___2 23534	32.18 2.49 -0.01	28.44 1.98 -0.01	26.12 1.80 -0.01	24.32 1.72 -0.01	24.26 1.67 -0.01	24.80 1.69 -0.01	27.24 1.92 0.00	30.08 2.33 -0.01	36.82 2.67 -5.50	36.86 2.87 -3.75	37.47 3.02 -2.00	37.50 3.00 0.00	39.62 3.34 0.00	42.21 3.55 -0.01	44.14 3.38 0.00	48.82 3.57 -0.01	54.90 3.93 0.01	62.41 4.57 0.01	57.25 3.89 0.01	48.88 3.15 0.01	44.26 2.59 0.01	42.18 2.39 -1.86	37.71 2.09 -1.91	35.83 1.99 -4.63
RAVENSWOOD___3 23535	32.20 2.52 0.00	28.35 1.91 0.00	26.04 1.73 0.00	24.24 1.65 0.00	24.19 1.60 0.00	24.75 1.64 0.00	27.19 1.87 0.00	29.99 2.25 0.00	31.26 2.61 0.00	33.02 2.78 0.00	35.41 2.95 0.00	37.43 2.93 0.00	39.55 3.27 0.00	42.09 3.44 0.00	44.22 3.46 0.00	49.22 3.98 0.00	55.47 4.49 0.00	63.00 5.15 0.00	57.79 4.43 0.00	49.35 3.61 0.00	44.52 2.84 0.00	42.41 2.62 -1.87	37.89 2.26 -1.92	35.85 2.01 -4.63
RAVENSWOOD___4 23820	32.23 2.55 0.00	28.46 2.01 -0.01	26.14 1.82 -0.01	24.34 1.74 -0.01	24.29 1.69 -0.01	24.83 1.71 -0.01	27.27 1.95 0.00	30.10 2.36 -0.01	36.07 2.72 -4.69	36.89 2.90 -3.75	37.54 3.08 -2.00	37.54 3.04 0.00	39.65 3.37 0.00	42.25 3.59 -0.01	44.27 3.51 0.00	49.08 3.84 0.00	55.31 4.33 0.01	62.76 4.91 0.01	57.62 4.27 0.01	49.16 3.43 0.01	44.38 2.71 0.01	42.25 2.46 -1.86	37.74 2.13 -1.91	35.85 2.01 -4.63
RCPL_TRUST___DRP 24196	32.20 2.52 0.00	28.35 1.90 0.00	26.06 1.75 0.00	24.24 1.65 0.00	24.19 1.60 0.00	24.75 1.64 0.00	27.22 1.90 0.00	30.04 2.30 0.00	31.29 2.64 0.00	33.08 2.84 0.00	35.44 2.99 0.00	37.47 2.97 0.00	39.62 3.34 0.00	42.16 3.52 0.00	44.35 3.59 0.00	49.35 4.12 0.00	55.73 4.74 0.00	63.17 5.32 0.00	57.84 4.48 0.00	49.40 3.66 0.00	44.60 2.92 0.00	41.05 2.62 -0.50	36.52 2.29 -0.52	32.50 2.04 -1.25
RED___ROCHESTER 323720	29.47 -0.21 0.00	26.10 -0.34 0.00	24.09 -0.22 0.00	22.34 -0.25 0.00	22.43 -0.16 0.00	23.04 -0.07 0.00	24.84 -0.48 0.00	27.10 -0.64 0.00	27.94 -0.72 0.00	29.69 -0.54 0.00	32.52 0.07 0.00	34.75 0.24 0.00	36.24 -0.04 0.00	38.72 0.08 0.00	41.33 0.57 0.00	44.87 -0.36 0.00	51.05 0.20 0.14	56.75 -1.10 0.00	52.93 -0.43 0.00	45.10 -0.64 0.00	41.52 -0.17 0.00	38.20 0.27 0.00	33.88 0.17 0.00	29.41 0.21 0.00
REGAN___SOLAR 323812	33.45 3.77 0.00	29.83 3.39 0.00	27.25 2.94 0.00	25.30 2.71 0.00	25.29 2.71 0.00	25.97 2.86 0.00	28.97 3.65 0.00	31.29 3.55 0.00	32.21 3.55 0.00	33.95 3.72 0.00	36.22 3.76 0.00	38.71 4.21 0.00	40.60 4.32 0.00	43.17 4.52 0.00	45.73 4.97 0.00	51.34 6.10 0.00	58.79 7.80 0.00	67.97 10.12 0.00	63.61 10.25 0.00	54.38 8.65 0.00	49.43 7.75 0.00	45.18 6.79 -0.46	39.64 5.46 -0.47	34.84 4.50 -1.14
RENSSELAER___COGEN 23796	30.45 0.77 0.00	27.02 0.58 0.00	24.87 0.56 0.00	23.13 0.54 0.00	23.13 0.54 0.00	23.62 0.51 0.00	25.88 0.56 0.00	28.29 0.55 0.00	29.26 0.60 0.00	30.72 0.48 0.00	32.87 0.42 0.00	34.95 0.45 0.00	36.93 0.65 0.00	39.30 0.66 0.00	41.45 0.69 0.00	46.23 0.99 0.00	52.16 1.17 0.00	59.41 1.56 0.00	54.85 1.49 0.00	47.02 1.28 0.00	42.68 1.00 0.00	39.50 0.83 -0.73	35.10 0.64 -0.75	31.58 0.55 -1.82
REPUBLIC_115KV_BARTNBRK 55605	33.71 4.04 0.00	30.04 3.60 0.00	27.47 3.16 0.00	25.51 2.91 0.00	25.47 2.89 0.00	26.11 3.00 0.00	28.71 3.39 0.00	31.54 3.80 0.00	32.72 4.07 0.00	34.50 4.26 0.00	36.57 4.12 0.00	39.16 4.66 0.00	41.25 4.97 0.00	43.56 4.91 0.00	46.06 5.30 0.00	51.70 6.47 0.00	58.84 7.85 0.00	67.80 9.95 0.00	63.61 10.25 0.00	54.43 8.69 0.00	49.93 8.25 0.00	45.02 7.09 0.00	39.51 5.80 0.00	34.06 4.85 0.00
REVERE_CPPR_DRP 24186	30.54 0.86 0.00	27.24 0.79 0.00	25.02 0.71 0.00	23.13 0.54 0.00	23.15 0.56 0.00	23.82 0.72 0.00	26.26 0.94 0.00	28.41 0.67 0.00	29.31 0.66 0.00	31.05 0.82 0.00	33.30 0.84 0.00	35.50 1.00 0.00	37.48 1.20 0.00	40.00 1.35 0.00	42.27 1.51 0.00	46.82 1.58 0.00	52.32 2.04 0.71	60.34 2.49 0.00	55.76 2.40 0.00	47.93 2.20 0.00	43.81 2.13 0.00	39.79 1.86 0.00	35.13 1.42 0.00	30.32 1.11 0.00
REYNOLDS_115KV_TB3 80639	30.66 0.98 0.00	27.21 0.77 0.00	25.06 0.75 0.00	23.31 0.72 0.00	23.31 0.72 0.00	23.80 0.69 0.00	26.08 0.76 0.00	28.54 0.80 0.00	29.48 0.83 0.00	30.99 0.76 0.00	33.13 0.68 0.00	35.23 0.72 0.00	37.26 0.98 0.00	39.61 0.97 0.00	41.82 1.06 0.00	46.59 1.36 0.00	52.72 1.73 0.00	59.82 1.97 0.00	55.34 1.97 0.00	47.38 1.65 0.00	43.06 1.38 0.00	39.07 1.14 0.00	34.66 0.94 0.00	30.03 0.82 0.00
RIVERBAY____ 323610	32.45 2.76 -0.01	28.80 2.35 0.00	26.45 2.14 0.00	24.58 1.99 0.00	24.53 1.94 0.00	25.12 2.01 0.00	27.50 2.18 0.00	30.32 2.58 0.00	31.57 2.92 0.01	33.34 3.11 0.01	35.72 3.28 0.01	37.78 3.28 0.00	39.94 3.66 0.00	42.50 3.86 0.02	44.59 3.83 0.00	49.31 4.07 -0.01	55.83 4.84 0.00	63.29 5.44 0.00	58.16 4.80 0.00	49.62 3.89 0.00	44.64 2.96 0.00	41.13 2.69 -0.50	36.59 2.36 -0.51	32.70 2.25 -1.25
RIVERSDE_115KV_TB3 55908	30.60 0.92 0.00	27.16 0.71 0.00	24.99 0.68 0.00	23.25 0.66 0.00	23.24 0.65 0.00	23.73 0.62 0.00	25.95 0.63 0.00	28.41 0.67 0.00	29.37 0.72 0.00	30.87 0.63 0.00	33.04 0.58 0.00	35.12 0.62 0.00	37.11 0.83 0.00	39.54 0.89 0.00	41.70 0.94 0.00	46.46 1.22 0.00	52.57 1.58 0.00	59.70 1.85 0.00	55.18 1.81 0.00	47.29 1.56 0.00	42.93 1.25 0.00	38.95 1.02 0.00	34.52 0.81 0.00	29.91 0.70 0.00
ROARING___BROOK_WT_PWR 323790	29.26 -0.42 0.00	26.13 -0.32 0.00	24.02 -0.29 0.00	22.30 -0.29 0.00	22.29 -0.29 0.00	22.78 -0.32 0.00	24.97 -0.35 0.00	27.24 -0.50 0.00	28.11 -0.55 0.00	29.69 -0.54 0.00	31.90 -0.55 0.00	33.92 -0.59 0.00	35.59 -0.69 0.00	37.91 -0.74 0.00	39.90 -0.86 0.00	44.33 -0.90 0.00	50.11 -1.27 -0.39	56.58 -1.27 0.00	52.08 -1.28 0.00	44.69 -1.05 0.00	40.76 -0.92 0.00	37.06 -0.87 0.00	32.90 -0.81 0.00	28.48 -0.73 0.00
ROCHESRG_115KV_T4 355643	29.14 -0.53 0.00	25.86 -0.58 0.00	23.85 -0.46 0.00	22.14 -0.45 0.00	22.18 -0.41 0.00	22.81 -0.30 0.00	24.59 -0.73 0.00	26.66 -1.08 0.00	27.62 -1.03 0.00	29.33 -0.91 0.00	32.10 -0.36 0.00	34.30 -0.21 0.00	35.59 -0.69 0.00	38.14 -0.50 0.00	40.51 -0.24 0.00	44.20 -1.04 0.00	49.87 -0.97 0.14	56.40 -1.45 0.00	52.13 -1.23 0.00	44.41 -1.33 0.00	40.85 -0.83 0.00	37.51 -0.42 0.00	33.44 -0.27 0.00	29.03 -0.18 0.00

ROCHESTER_9_IC 23652	29.32 -0.36 0.00	25.99 -0.45 0.00	23.99 -0.32 0.00	22.25 -0.34 0.00	22.31 -0.27 0.00	22.95 -0.16 0.00	24.74 -0.58 0.00	26.82 -0.92 0.00	27.79 -0.86 0.00	29.51 -0.73 0.00	32.32 -0.13 0.00	34.54 0.03 0.00	35.88 -0.40 0.00	38.45 -0.19 0.00	40.84 0.08 0.00	44.56 -0.68 0.00	50.28 -0.56 0.14	56.87 -0.98 0.00	52.56 -0.80 0.00	44.78 -0.96 0.00	41.18 -0.50 0.00	37.82 -0.11 0.00	33.68 -0.03 0.00	29.24 0.03 0.00
ROCKVIEW_13_KV_LD 356306	32.14 2.46 0.00	28.35 1.90 0.00	26.04 1.73 0.00	24.22 1.63 0.00	24.16 1.58 0.00	24.73 1.62 0.00	27.19 1.87 0.00	29.96 2.22 0.00	31.17 2.52 0.00	32.93 2.69 0.00	35.28 2.82 0.00	37.37 2.86 0.00	39.47 3.19 0.00	42.05 3.40 0.00	44.22 3.46 0.00	49.22 3.98 0.00	55.62 4.64 0.00	63.17 5.32 0.00	57.90 4.54 0.00	49.44 3.70 0.00	44.68 3.00 0.00	41.12 2.69 -0.50	36.55 2.33 -0.51	32.50 2.04 -1.24
ROME____115KV_TB2 80656	30.54 0.86 0.00	27.24 0.79 0.00	25.02 0.71 0.00	23.13 0.54 0.00	23.15 0.56 0.00	23.82 0.72 0.00	26.26 0.94 0.00	28.41 0.67 0.00	29.31 0.66 0.00	31.05 0.82 0.00	33.30 0.84 0.00	35.50 1.00 0.00	37.48 1.20 0.00	40.00 1.35 0.00	42.27 1.51 0.00	46.82 1.58 0.00	52.32 2.04 0.71	60.34 2.49 0.00	55.76 2.40 0.00	47.93 2.20 0.00	43.81 2.13 0.00	39.79 1.86 0.00	35.13 1.42 0.00	30.32 1.11 0.00
ROSETON____1 23587	31.55 1.87 0.00	27.87 1.43 0.00	25.62 1.31 0.00	23.83 1.24 0.00	23.80 1.22 0.00	24.31 1.20 0.00	26.71 1.39 0.00	29.35 1.61 0.00	30.49 1.84 0.00	32.17 1.94 0.00	34.47 2.01 0.00	36.50 2.00 0.00	38.57 2.29 0.00	41.04 2.40 0.00	43.20 2.45 0.00	48.13 2.90 0.00	54.30 3.31 0.00	61.67 3.82 0.00	56.67 3.31 0.00	48.48 2.74 0.00	43.85 2.17 0.00	41.63 1.97 -1.73	37.17 1.68 -1.78	34.99 1.49 -4.29
ROSETON____2 23588	31.55 1.87 0.00	27.87 1.43 0.00	25.62 1.31 0.00	23.83 1.24 0.00	23.80 1.22 0.00	24.31 1.20 0.00	26.71 1.39 0.00	29.35 1.61 0.00	30.49 1.84 0.00	32.17 1.94 0.00	34.47 2.01 0.00	36.50 2.00 0.00	38.57 2.29 0.00	41.04 2.40 0.00	43.20 2.45 0.00	48.13 2.90 0.00	54.30 3.31 0.00	61.67 3.82 0.00	56.67 3.31 0.00	48.48 2.74 0.00	43.85 2.17 0.00	41.63 1.97 -1.73	37.17 1.68 -1.78	34.99 1.49 -4.29
ROTTDAM_115KV_TB3 80664	30.92 1.25 0.00	27.48 1.03 0.00	25.26 0.95 0.00	23.47 0.88 0.00	23.46 0.88 0.00	23.99 0.88 0.00	26.28 0.96 0.00	28.68 0.94 0.00	29.66 1.00 0.00	31.26 1.03 0.00	33.46 1.01 0.00	35.57 1.07 0.00	37.55 1.27 0.00	39.96 1.31 0.00	42.15 1.39 0.00	46.91 1.67 0.00	53.02 2.04 0.00	60.28 2.43 0.00	55.76 2.40 0.00	47.80 2.06 0.00	43.47 1.79 0.00	39.49 1.56 0.00	34.99 1.28 0.00	30.32 1.11 0.00
RUSSELL____1 23602	29.47 -0.21 0.00	26.10 -0.34 0.00	24.09 -0.22 0.00	22.34 -0.25 0.00	22.40 -0.18 0.00	23.04 -0.07 0.00	24.84 -0.48 0.00	26.96 -0.78 0.00	27.94 -0.72 0.00	29.66 -0.57 0.00	32.52 0.06 0.00	34.74 0.24 0.00	36.10 -0.18 0.00	38.72 0.08 0.00	41.13 0.37 0.00	44.87 -0.36 0.00	50.64 -0.20 0.14	57.21 -0.64 0.00	52.94 -0.43 0.00	45.10 -0.64 0.00	41.51 -0.17 0.00	38.12 0.19 0.00	33.91 0.20 0.00	29.41 0.20 0.00
RUSSELL____2 23532	29.47 -0.21 0.00	26.10 -0.34 0.00	24.09 -0.22 0.00	22.34 -0.25 0.00	22.40 -0.18 0.00	23.04 -0.07 0.00	24.84 -0.48 0.00	26.96 -0.78 0.00	27.94 -0.72 0.00	29.66 -0.57 0.00	32.52 0.06 0.00	34.74 0.24 0.00	36.10 -0.18 0.00	38.72 0.08 0.00	41.13 0.37 0.00	44.87 -0.36 0.00	50.64 -0.20 0.14	57.21 -0.64 0.00	52.94 -0.43 0.00	45.10 -0.64 0.00	41.51 -0.17 0.00	38.12 0.19 0.00	33.91 0.20 0.00	29.41 0.20 0.00
RUSSELL____3 23549	29.47 -0.21 0.00	26.10 -0.34 0.00	24.09 -0.22 0.00	22.34 -0.25 0.00	22.40 -0.18 0.00	23.04 -0.07 0.00	24.84 -0.48 0.00	26.96 -0.78 0.00	27.94 -0.72 0.00	29.66 -0.57 0.00	32.52 0.06 0.00	34.74 0.24 0.00	36.10 -0.18 0.00	38.72 0.08 0.00	41.13 0.37 0.00	44.87 -0.36 0.00	50.64 -0.20 0.14	57.21 -0.64 0.00	52.94 -0.43 0.00	45.10 -0.64 0.00	41.51 -0.17 0.00	38.12 0.19 0.00	33.91 0.20 0.00	29.41 0.20 0.00
RUSSELL____4 23556	29.47 -0.21 0.00	26.10 -0.34 0.00	24.09 -0.22 0.00	22.34 -0.25 0.00	22.40 -0.18 0.00	23.04 -0.07 0.00	24.84 -0.48 0.00	26.96 -0.78 0.00	27.94 -0.72 0.00	29.66 -0.57 0.00	32.52 0.06 0.00	34.74 0.24 0.00	36.10 -0.18 0.00	38.72 0.08 0.00	41.13 0.37 0.00	44.87 -0.36 0.00	50.64 -0.20 0.14	57.21 -0.64 0.00	52.94 -0.43 0.00	45.10 -0.64 0.00	41.51 -0.17 0.00	38.12 0.19 0.00	33.91 0.20 0.00	29.41 0.20 0.00
RUSSELL____STATION 23914	29.47 -0.21 0.00	26.10 -0.34 0.00	24.09 -0.22 0.00	22.34 -0.25 0.00	22.40 -0.18 0.00	23.04 -0.07 0.00	24.84 -0.48 0.00	26.96 -0.78 0.00	27.94 -0.72 0.00	29.66 -0.57 0.00	32.52 0.06 0.00	34.74 0.24 0.00	36.10 -0.18 0.00	38.72 0.08 0.00	41.13 0.37 0.00	44.87 -0.36 0.00	50.64 -0.20 0.14	57.21 -0.64 0.00	52.94 -0.43 0.00	45.10 -0.64 0.00	41.51 -0.17 0.00	38.12 0.19 0.00	33.91 0.20 0.00	29.41 0.20 0.00
S SALMON____HYD 24043	29.17 -0.50 0.00	26.05 -0.40 0.00	23.95 -0.36 0.00	22.23 -0.36 0.00	22.22 -0.36 0.00	22.83 -0.28 0.00	25.04 -0.28 0.00	26.93 -0.81 0.00	27.73 -0.92 0.00	29.36 -0.88 0.00	31.54 -0.91 0.00	33.57 -0.93 0.00	35.26 -1.02 0.00	37.64 -1.01 0.00	39.78 -0.98 0.00	43.92 -1.31 0.00	48.97 -1.12 0.89	56.29 -1.56 0.00	52.19 -1.17 0.00	44.82 -0.91 0.00	41.01 -0.67 0.00	37.51 -0.42 0.00	33.14 -0.57 0.00	28.65 -0.56 0.00
S.PERRY__115KV_TB1 80734	30.36 0.68 0.00	26.84 0.40 0.00	24.77 0.46 0.00	22.98 0.38 0.00	23.04 0.45 0.00	23.78 0.67 0.00	25.65 0.33 0.00	27.80 0.06 0.00	28.57 -0.09 0.00	30.21 -0.03 0.00	32.91 0.45 0.00	35.12 0.62 0.00	35.34 -0.94 0.00	37.95 -0.70 0.00	40.43 -0.33 0.00	44.24 -1.00 0.00	50.14 -0.71 0.14	56.75 -1.10 0.00	52.88 -0.48 0.00	45.33 -0.41 0.00	42.02 0.33 0.00	38.58 0.64 0.00	35.36 1.65 0.00	30.55 1.34 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.82 -0.86 0.00	25.52 -0.93 0.00	23.61 -0.71 0.00	21.89 -0.70 0.00	21.95 -0.63 0.00	22.62 -0.49 0.00	24.11 -1.22 0.00	26.55 -1.19 0.00	27.59 -1.06 0.00	29.36 -0.88 0.00	32.49 0.03 0.00	34.71 0.21 0.00	35.88 -0.40 0.00	38.53 -0.12 0.00	40.92 0.16 0.00	44.29 -0.95 0.00	50.18 -0.82 -0.01	56.18 -1.68 -0.01	51.82 -1.55 0.00	44.09 -1.65 0.00	40.60 -1.08 0.00	37.59 -0.34 0.00	33.65 -0.07 0.00	29.30 0.09 0.00
SAWYER____23_KV_LOAD 55526	28.82 -0.86 0.00	25.52 -0.93 0.00	23.61 -0.71 0.00	21.89 -0.70 0.00	21.95 -0.63 0.00	22.62 -0.49 0.00	24.11 -1.22 0.00	26.55 -1.19 0.00	27.59 -1.06 0.00	29.36 -0.88 0.00	32.49 0.03 0.00	34.71 0.21 0.00	35.88 -0.40 0.00	38.53 -0.12 0.00	40.92 0.16 0.00	44.29 -0.95 0.00	50.18 -0.82 -0.01	56.18 -1.68 -0.01	51.82 -1.55 0.00	44.09 -1.65 0.00	40.60 -1.08 0.00	37.59 -0.34 0.00	33.65 -0.07 0.00	29.30 0.09 0.00

SELKIRK___I 23801	30.72 1.04 0.00	27.29 0.85 0.00	25.11 0.80 0.00	23.36 0.77 0.00	23.33 0.74 0.00	23.82 0.72 0.00	26.08 0.76 0.00	28.46 0.72 0.00	29.40 0.74 0.00	30.84 0.60 0.00	32.94 0.49 0.00	35.02 0.52 0.00	36.97 0.69 0.00	39.38 0.73 0.00	41.57 0.81 0.00	46.32 1.08 0.00	52.36 1.38 0.00	59.70 1.85 0.00	55.23 1.87 0.00	47.38 1.64 0.00	43.06 1.37 0.00	39.91 1.21 -0.76	35.47 0.98 -0.78	31.98 0.88 -1.89
SELKIRK___II 23799	30.57 0.89 0.00	27.13 0.69 0.00	24.97 0.66 0.00	23.22 0.63 0.00	23.19 0.61 0.00	23.71 0.60 0.00	25.95 0.63 0.00	28.38 0.64 0.00	29.37 0.72 0.00	30.87 0.64 0.00	33.04 0.58 0.00	35.12 0.62 0.00	37.08 0.80 0.00	39.50 0.85 0.00	41.66 0.90 0.00	46.37 1.13 0.00	52.36 1.38 0.00	59.59 1.73 0.00	55.02 1.66 0.00	47.11 1.37 0.00	42.81 1.13 0.00	39.60 0.95 -0.72	35.23 0.78 -0.74	31.68 0.67 -1.80
SENECA OSWGO___HYD 24041	29.11 -0.56 0.00	25.99 -0.45 0.00	23.92 -0.39 0.00	22.23 -0.36 0.00	22.22 -0.36 0.00	22.78 -0.32 0.00	24.91 -0.41 0.00	26.80 -0.94 0.00	27.59 -1.06 0.00	29.21 -1.03 0.00	31.48 -0.97 0.00	33.54 -0.97 0.00	35.23 -1.05 0.00	37.61 -1.04 0.00	39.82 -0.94 0.00	43.92 -1.31 0.00	49.61 -1.07 0.30	56.12 -1.73 0.00	51.97 -1.39 0.00	44.50 -1.23 0.00	40.64 -1.04 0.00	37.06 -0.87 0.00	32.87 -0.84 0.00	28.45 -0.76 0.00
SENECA___115KV_TB3 355854	29.14 -0.53 0.00	25.81 -0.63 0.00	23.85 -0.46 0.00	22.14 -0.45 0.00	22.20 -0.38 0.00	22.88 -0.23 0.00	24.43 -0.89 0.00	26.88 -0.86 0.00	27.91 -0.74 0.00	29.69 -0.54 0.00	32.81 0.36 0.00	35.13 0.62 0.00	36.36 0.07 0.00	39.04 0.39 0.00	41.42 0.65 0.00	44.88 -0.36 0.00	50.84 -0.15 -0.01	56.93 -0.93 -0.01	52.46 -0.91 0.00	44.64 -1.10 0.00	41.10 -0.58 0.00	38.01 0.08 0.00	33.99 0.27 0.00	29.59 0.38 0.00
SENECA___ENERGY 23797	29.50 -0.18 0.00	26.29 -0.16 0.00	24.19 -0.12 0.00	22.46 -0.13 0.00	22.49 -0.09 0.00	23.13 0.02 0.00	25.22 -0.10 0.00	27.35 -0.39 0.00	28.17 -0.49 0.00	29.81 -0.42 0.00	32.26 -0.19 0.00	34.47 -0.03 0.00	36.14 -0.14 0.00	38.57 -0.08 0.00	40.96 0.20 0.00	44.92 -0.31 0.00	51.06 0.26 0.18	57.22 -0.64 0.00	53.20 -0.16 0.00	45.46 -0.27 0.00	41.60 -0.08 0.00	38.08 0.15 0.00	33.75 0.03 0.00	29.15 -0.06 0.00
SHOEMAKER___GT 23640	31.28 1.60 0.00	27.69 1.24 0.00	25.45 1.14 0.00	23.68 1.08 0.00	23.65 1.06 0.00	24.15 1.04 0.00	26.54 1.22 0.00	29.10 1.36 0.00	30.23 1.57 0.00	31.87 1.63 0.00	34.14 1.69 0.00	36.19 1.69 0.00	38.24 1.96 0.00	40.73 2.09 0.00	42.88 2.12 0.00	47.77 2.53 0.00	53.89 2.90 0.00	61.26 3.41 0.00	56.30 2.93 0.00	48.21 2.47 0.00	43.64 1.96 0.00	33.16 1.40 6.17	28.49 1.11 6.33	14.89 0.99 15.32
SHOEMAKR_138KV_BK 111 55601	31.28 1.60 0.00	27.69 1.24 0.00	25.45 1.14 0.00	23.68 1.08 0.00	23.65 1.06 0.00	24.17 1.06 0.00	26.54 1.22 0.00	29.10 1.36 0.00	30.23 1.58 0.00	31.90 1.66 0.00	34.17 1.72 0.00	36.23 1.73 0.00	38.28 2.00 0.00	40.77 2.13 0.00	42.92 2.16 0.00	47.77 2.53 0.00	53.99 3.01 0.00	61.26 3.41 0.00	56.30 2.93 0.00	48.16 2.42 0.00	43.64 1.96 0.00	31.60 1.37 7.69	26.97 1.15 7.89	11.11 0.99 19.09
SHOREHAM_IC_1 23715	34.43 2.85 -1.90	32.43 2.19 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.76 1.87 -1.30	24.98 1.87 0.00	27.47 2.15 0.00	32.86 2.47 -2.65	34.78 2.92 -3.21	35.52 3.11 -2.17	39.40 3.41 -3.54	42.93 3.48 -4.95	42.83 3.88 -2.67	43.09 3.86 -0.58	44.92 4.08 -0.09	49.86 4.62 -0.01	56.25 5.25 -0.01	64.23 6.36 -0.01	58.92 5.55 -0.01	50.14 4.39 -0.01	45.31 3.62 0.00	43.06 3.26 -1.87	38.82 2.86 -2.25	37.86 2.51 -6.14
SHOREHAM_IC_2 23716	34.43 2.85 -1.90	32.43 2.19 -3.80	28.19 2.02 -1.87	24.47 1.87 0.00	25.76 1.87 -1.30	24.98 1.87 0.00	27.47 2.15 0.00	32.86 2.47 -2.65	34.78 2.92 -3.21	35.52 3.11 -2.17	39.40 3.41 -3.54	42.93 3.48 -4.95	42.83 3.88 -2.67	43.09 3.86 -0.58	44.92 4.08 -0.09	49.86 4.62 -0.01	56.25 5.25 -0.01	64.23 6.36 -0.01	58.92 5.55 -0.01	50.14 4.39 -0.01	45.31 3.62 0.00	43.06 3.26 -1.87	38.82 2.86 -2.25	37.86 2.51 -6.14
SISSONVILLE____ 23735	28.40 -1.28 0.00	25.47 -0.98 0.00	23.36 -0.95 0.00	21.64 -0.95 0.00	21.64 -0.95 0.00	22.16 -0.95 0.00	24.46 -0.86 0.00	26.60 -1.14 0.00	27.33 -1.32 0.00	28.84 -1.39 0.00	30.89 -1.56 0.00	32.88 -1.62 0.00	34.50 -1.78 0.00	36.64 -2.01 0.00	38.52 -2.24 0.00	42.75 -2.49 0.00	39.08 -3.82 8.08	53.80 -4.05 0.00	49.63 -3.74 0.00	42.81 -2.93 0.00	39.51 -2.17 0.00	36.45 -1.48 0.00	32.33 -1.38 0.00	27.98 -1.23 0.00
SITHE_IND_GS1 24169	28.79 -0.89 0.00	25.73 -0.71 0.00	23.68 -0.63 0.00	22.00 -0.59 0.00	22.02 -0.56 0.00	22.55 -0.55 0.00	24.64 -0.68 0.00	26.49 -1.25 0.00	27.28 -1.37 0.00	28.88 -1.36 0.00	31.09 -1.36 0.00	33.12 -1.38 0.00	34.79 -1.49 0.00	37.10 -1.55 0.00	39.25 -1.51 0.00	43.34 -1.90 0.00	48.96 -1.89 0.14	55.31 -2.54 0.00	51.17 -2.19 0.00	43.82 -1.92 0.00	39.97 -1.71 0.00	36.49 -1.44 0.00	32.40 -1.32 0.00	28.07 -1.14 0.00
SITHE_IND_GS2 24170	28.79 -0.89 0.00	25.73 -0.71 0.00	23.68 -0.63 0.00	22.00 -0.59 0.00	22.02 -0.56 0.00	22.55 -0.55 0.00	24.64 -0.68 0.00	26.49 -1.25 0.00	27.28 -1.37 0.00	28.88 -1.36 0.00	31.09 -1.36 0.00	33.12 -1.38 0.00	34.79 -1.49 0.00	37.10 -1.55 0.00	39.25 -1.51 0.00	43.34 -1.90 0.00	48.96 -1.89 0.14	55.31 -2.54 0.00	51.17 -2.19 0.00	43.82 -1.92 0.00	39.97 -1.71 0.00	36.49 -1.44 0.00	32.40 -1.32 0.00	28.07 -1.14 0.00
SITHE_IND_GS3 24171	28.79 -0.89 0.00	25.73 -0.71 0.00	23.68 -0.63 0.00	22.00 -0.59 0.00	22.02 -0.56 0.00	22.55 -0.55 0.00	24.64 -0.68 0.00	26.49 -1.25 0.00	27.28 -1.37 0.00	28.88 -1.36 0.00	31.09 -1.36 0.00	33.12 -1.38 0.00	34.79 -1.49 0.00	37.10 -1.55 0.00	39.25 -1.51 0.00	43.34 -1.90 0.00	48.96 -1.89 0.14	55.31 -2.54 0.00	51.17 -2.19 0.00	43.82 -1.92 0.00	39.97 -1.71 0.00	36.49 -1.44 0.00	32.40 -1.32 0.00	28.07 -1.14 0.00
SITHE_IND_GS4 24172	28.79 -0.89 0.00	25.73 -0.71 0.00	23.68 -0.63 0.00	22.00 -0.59 0.00	22.02 -0.56 0.00	22.55 -0.55 0.00	24.64 -0.68 0.00	26.49 -1.25 0.00	27.28 -1.37 0.00	28.88 -1.36 0.00	31.09 -1.36 0.00	33.12 -1.38 0.00	34.79 -1.49 0.00	37.10 -1.55 0.00	39.25 -1.51 0.00	43.34 -1.90 0.00	48.96 -1.89 0.14	55.31 -2.54 0.00	51.17 -2.19 0.00	43.82 -1.92 0.00	39.97 -1.71 0.00	36.49 -1.44 0.00	32.40 -1.32 0.00	28.07 -1.14 0.00
SITHE___BATAVIA 24024	29.56 -0.12 0.00	26.07 -0.37 0.00	24.14 -0.17 0.00	22.37 -0.23 0.00	22.49 -0.09 0.00	23.15 0.05 0.00	24.76 -0.56 0.00	27.22 -0.53 0.00	28.00 -0.66 0.00	29.75 -0.48 0.00	32.81 0.36 0.00	35.09 0.59 0.00	36.50 0.22 0.00	39.04 0.39 0.00	41.78 1.02 0.00	44.97 -0.27 0.00	51.41 0.56 0.14	56.35 -1.50 0.00	52.94 -0.43 0.00	45.14 -0.60 0.00	41.73 0.04 0.00	38.62 0.68 0.00	34.32 0.61 0.00	29.82 0.61 0.00

SITHE___INDEPEND 23800	28.79 -0.89 0.00	25.73 -0.71 0.00	23.68 -0.63 0.00	22.00 -0.59 0.00	22.02 -0.56 0.00	22.55 -0.55 0.00	24.64 -0.68 0.00	26.44 -1.30 0.00	27.28 -1.38 0.00	28.84 -1.39 0.00	31.09 -1.36 0.00	33.12 -1.38 0.00	34.76 -1.52 0.00	37.10 -1.55 0.00	39.21 -1.55 0.00	43.34 -1.90 0.00	48.86 -1.99 0.14	55.48 -2.37 0.00	51.17 -2.19 0.00	43.82 -1.92 0.00	39.97 -1.71 0.00	36.45 -1.48 0.00	32.40 -1.31 0.00	28.07 -1.14 0.00
SITHE___MASSENA 23902	29.17 -0.50 0.00	26.13 -0.32 0.00	23.99 -0.32 0.00	22.25 -0.34 0.00	22.25 -0.34 0.00	22.74 -0.37 0.00	25.02 -0.30 0.00	27.30 -0.44 0.00	28.05 -0.60 0.00	29.60 -0.64 0.00	31.77 -0.68 0.00	33.78 -0.73 0.00	35.41 -0.87 0.00	37.64 -1.01 0.00	39.54 -1.22 0.00	43.88 -1.36 0.00	36.98 -2.29 11.71	55.48 -2.37 0.00	51.02 -2.35 0.00	43.86 -1.88 0.00	40.39 -1.29 0.00	37.02 -0.91 0.00	33.11 -0.61 0.00	28.68 -0.52 0.00
SITHE___OGDNSBRG 24021	29.14 -0.53 0.00	26.13 -0.32 0.00	23.97 -0.34 0.00	22.19 -0.41 0.00	22.20 -0.38 0.00	22.74 -0.37 0.00	25.12 -0.20 0.00	27.30 -0.44 0.00	27.99 -0.66 0.00	29.51 -0.73 0.00	31.61 -0.84 0.00	33.67 -0.83 0.00	35.34 -0.94 0.00	37.49 -1.16 0.00	39.46 -1.30 0.00	43.74 -1.49 0.00	38.84 -2.65 9.49	55.13 -2.72 0.00	51.01 -2.35 0.00	44.04 -1.69 0.00	40.72 -0.96 0.00	37.48 -0.46 0.00	33.27 -0.44 0.00	28.77 -0.44 0.00
SITHE___STERLING 23777	30.42 0.74 0.00	27.11 0.66 0.00	24.92 0.61 0.00	23.07 0.48 0.00	23.08 0.50 0.00	23.73 0.62 0.00	26.11 0.79 0.00	28.29 0.55 0.00	29.17 0.52 0.00	30.87 0.64 0.00	33.14 0.68 0.00	35.33 0.83 0.00	37.26 0.98 0.00	39.77 1.12 0.00	42.02 1.26 0.00	46.50 1.26 0.00	52.29 1.78 0.48	59.70 1.85 0.00	55.28 1.92 0.00	47.47 1.74 0.00	43.35 1.67 0.00	39.41 1.48 0.00	34.82 1.11 0.00	30.08 0.88 0.00
SLEIGHT___34_KV_TB1 80719	29.02 -0.65 0.00	25.76 -0.69 0.00	23.75 -0.56 0.00	22.03 -0.56 0.00	22.09 -0.50 0.00	22.71 -0.39 0.00	24.59 -0.73 0.00	26.69 -1.05 0.00	27.59 -1.06 0.00	29.33 -0.91 0.00	32.03 -0.42 0.00	34.23 -0.28 0.00	35.63 -0.65 0.00	38.18 -0.46 0.00	40.51 -0.24 0.00	44.29 -0.95 0.00	50.47 -0.36 0.16	57.16 -0.69 0.00	52.78 -0.59 0.00	45.01 -0.73 0.00	41.31 -0.38 0.00	37.82 -0.11 0.00	33.61 -0.10 0.00	29.09 -0.12 0.00
SOUTH CAIRO___GT 23612	31.58 1.90 0.00	28.03 1.59 0.00	25.77 1.46 0.00	23.97 1.38 0.00	23.96 1.38 0.00	24.40 1.29 0.00	26.76 1.44 0.00	29.13 1.39 0.00	30.00 1.35 0.00	31.29 1.06 0.00	33.39 0.94 0.00	35.54 1.04 0.00	37.70 1.41 0.00	40.27 1.62 0.00	42.68 1.92 0.00	47.63 2.40 0.00	54.09 3.11 0.00	61.90 4.05 0.00	57.31 3.95 0.00	49.17 3.43 0.00	44.64 2.96 0.00	40.75 2.58 -0.24	35.92 1.96 -0.25	31.39 1.58 -0.60
SOUTH HAMPTN___IC 23720	34.99 3.41 -1.90	32.94 2.70 -3.80	28.68 2.50 -1.87	24.94 2.35 0.00	26.23 2.35 -1.30	25.47 2.36 0.00	27.95 2.63 0.00	33.44 3.05 -2.65	35.47 3.61 -3.21	36.33 3.93 -2.17	40.40 4.41 -3.54	44.08 4.62 -4.95	44.03 5.08 -2.67	44.40 5.18 -0.57	46.31 5.46 -0.08	51.31 6.06 -0.01	57.87 6.88 -0.01	65.96 8.10 -0.01	60.47 7.10 -0.01	51.37 5.62 -0.01	46.39 4.71 0.00	44.08 4.28 -1.87	39.60 3.64 -2.25	38.53 3.18 -6.14
SOUTHDOW___115KV_TB1 355954	30.00 0.33 0.00	26.52 0.08 0.00	24.50 0.19 0.00	22.73 0.14 0.00	22.81 0.23 0.00	23.62 0.51 0.00	25.55 0.23 0.00	28.33 0.58 0.00	29.37 0.72 0.00	31.30 1.06 0.00	34.63 2.17 0.00	37.13 2.62 0.00	38.57 2.29 0.00	41.39 2.74 0.00	43.70 2.93 0.00	47.41 2.17 0.00	53.64 2.65 -0.01	59.94 2.08 -0.01	55.02 1.65 0.00	46.84 1.10 0.00	43.02 1.33 0.00	39.91 1.97 0.00	35.54 1.82 0.00	30.79 1.58 0.00
SOUTHOLD_69_KV_BK 2 55809	35.50 3.92 -1.90	33.44 3.20 -3.80	29.17 2.99 -1.87	25.42 2.82 0.00	26.75 2.87 -1.30	25.95 2.84 0.00	28.49 3.17 0.00	34.05 3.66 -2.65	36.21 4.36 -3.21	37.21 4.81 -2.17	41.51 5.52 -3.54	45.32 5.87 -4.95	45.34 6.39 -2.67	45.82 6.61 -0.57	47.81 6.97 -0.08	52.89 7.64 -0.01	59.71 8.72 -0.01	68.10 10.24 -0.01	62.18 8.80 -0.01	52.74 7.00 -0.01	47.60 5.92 0.00	43.82 5.39 -0.50	39.08 4.52 -0.85	35.87 3.91 -2.75
SOUTHOLD___IC 23719	35.50 3.92 -1.90	33.44 3.20 -3.80	29.17 2.99 -1.87	25.42 2.82 0.00	26.75 2.87 -1.30	25.95 2.84 0.00	28.49 3.16 0.00	34.03 3.63 -2.65	36.21 4.35 -3.21	37.21 4.81 -2.17	41.51 5.52 -3.54	45.28 5.83 -4.95	45.30 6.35 -2.67	45.79 6.57 -0.57	47.77 6.93 -0.08	52.89 7.65 -0.01	59.66 8.67 -0.01	67.93 10.07 -0.01	62.23 8.86 -0.01	52.74 7.00 -0.01	47.60 5.92 0.00	45.15 5.35 -1.87	40.48 4.52 -2.25	39.26 3.92 -6.14
SOUTH_FORK_WT_PWR 323839	35.47 3.89 -1.90	33.47 3.22 -3.80	29.21 3.04 -1.87	25.46 2.87 0.00	26.82 2.93 -1.30	26.00 2.89 0.00	28.54 3.22 0.00	34.11 3.72 -2.65	36.30 4.44 -3.21	37.33 4.93 -2.17	41.70 5.71 -3.54	45.53 6.07 -4.95	45.55 6.60 -2.67	46.02 6.80 -0.57	47.97 7.13 -0.08	53.07 7.83 -0.01	59.82 8.82 -0.01	68.10 10.24 -0.01	62.33 8.96 -0.01	52.79 7.04 -0.01	47.64 5.96 0.00	45.22 5.42 -1.87	40.55 4.58 -2.25	39.32 3.97 -6.14
SPIERFLS_115KV_TB 1 80737	32.05 2.37 0.00	28.48 2.04 0.00	26.11 1.80 0.00	24.26 1.67 0.00	24.23 1.65 0.00	24.82 1.71 0.00	27.22 1.90 0.00	29.99 2.25 0.00	31.06 2.41 0.00	32.71 2.48 0.00	34.69 2.24 0.00	37.02 2.52 0.00	39.07 2.79 0.00	41.24 2.59 0.00	43.57 2.81 0.00	48.76 3.53 0.00	55.32 4.33 0.00	63.35 5.50 0.00	59.29 5.92 0.00	50.77 5.03 0.00	46.56 4.88 0.00	42.06 4.13 0.00	37.08 3.37 0.00	32.04 2.83 0.00
ST LAWRENCE____ 23600	29.02 -0.65 0.00	25.94 -0.50 0.00	23.82 -0.49 0.00	22.12 -0.48 0.00	22.13 -0.45 0.00	22.62 -0.49 0.00	24.84 -0.48 0.00	27.13 -0.61 0.00	27.94 -0.72 0.00	29.48 -0.75 0.00	31.61 -0.84 0.00	33.64 -0.86 0.00	35.23 -1.05 0.00	37.53 -1.12 0.00	39.45 -1.31 0.00	43.83 -1.40 0.00	49.91 -1.99 -0.91	55.82 -2.03 0.00	51.39 -1.97 0.00	44.13 -1.60 0.00	40.43 -1.25 0.00	36.87 -1.06 0.00	32.90 -0.81 0.00	28.51 -0.70 0.00
STATE_CA_115KV_115_LB 55624	30.63 0.95 0.00	27.18 0.74 0.00	25.02 0.71 0.00	23.27 0.68 0.00	23.26 0.68 0.00	23.75 0.65 0.00	26.00 0.68 0.00	28.46 0.72 0.00	29.43 0.77 0.00	30.96 0.73 0.00	33.13 0.68 0.00	35.23 0.72 0.00	37.22 0.94 0.00	39.61 0.97 0.00	41.82 1.06 0.00	46.64 1.40 0.00	52.72 1.73 0.00	59.93 2.08 0.00	55.39 2.03 0.00	47.43 1.69 0.00	43.06 1.38 0.00	39.07 1.14 0.00	34.62 0.91 0.00	30.00 0.79 0.00
STATE_ST_34_KV_LOAD 55959	29.86 0.18 0.00	26.63 0.19 0.00	24.48 0.17 0.00	22.70 0.11 0.00	22.74 0.16 0.00	23.36 0.25 0.00	25.55 0.23 0.00	27.57 -0.17 0.00	28.42 -0.23 0.00	30.08 -0.15 0.00	32.49 0.03 0.00	34.68 0.17 0.00	36.35 0.07 0.00	38.88 0.23 0.00	41.09 0.33 0.00	45.37 0.14 0.00	51.26 0.46 0.19	58.14 0.29 0.00	53.74 0.37 0.00	45.92 0.18 0.00	41.97 0.29 0.00	38.27 0.34 0.00	33.95 0.24 0.00	29.30 0.09 0.00

STATION 5_MISC_HYD 23604	29.32 -0.35 0.00	25.99 -0.45 0.00	23.99 -0.32 0.00	22.25 -0.34 0.00	22.34 -0.25 0.00	22.95 -0.16 0.00	24.74 -0.58 0.00	26.99 -0.75 0.00	27.79 -0.86 0.00	29.54 -0.69 0.00	32.32 -0.13 0.00	34.54 0.03 0.00	36.03 -0.25 0.00	38.45 -0.19 0.00	41.05 0.29 0.00	44.56 -0.68 0.00	50.69 -0.15 0.14	56.41 -1.44 0.00	52.51 -0.86 0.00	44.77 -0.96 0.00	41.18 -0.50 0.00	37.93 0.00 0.00	33.68 -0.03 0.00	29.24 0.03 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.59 -0.09 0.00	26.26 -0.19 0.00	24.21 -0.10 0.00	22.46 -0.14 0.00	22.52 -0.07 0.00	23.18 0.07 0.00	25.12 -0.20 0.00	27.27 -0.47 0.00	28.17 -0.49 0.00	29.87 -0.36 0.00	32.58 0.13 0.00	34.81 0.31 0.00	36.28 0.00 0.00	38.88 0.23 0.00	41.25 0.49 0.00	45.19 -0.05 0.00	51.03 0.20 0.16	57.79 -0.06 0.00	53.42 0.05 0.00	45.51 -0.23 0.00	41.81 0.13 0.00	38.27 0.34 0.00	33.98 0.27 0.00	29.41 0.20 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.17 -0.50 0.00	25.86 -0.58 0.00	23.87 -0.44 0.00	22.14 -0.45 0.00	22.20 -0.38 0.00	22.83 -0.28 0.00	24.64 -0.68 0.00	26.74 -1.00 0.00	27.68 -0.97 0.00	29.39 -0.85 0.00	32.19 -0.26 0.00	34.36 -0.14 0.00	35.74 -0.54 0.00	38.30 -0.35 0.00	40.68 -0.08 0.00	44.42 -0.81 0.00	50.13 -0.71 0.14	56.69 -1.16 0.00	52.40 -0.96 0.00	44.64 -1.10 0.00	41.06 -0.63 0.00	37.66 -0.27 0.00	33.51 -0.20 0.00	29.06 -0.15 0.00
STA_56____34_KV_BUS2 355983	29.17 -0.50 0.00	25.86 -0.58 0.00	23.87 -0.44 0.00	22.14 -0.45 0.00	22.20 -0.38 0.00	22.83 -0.28 0.00	24.64 -0.68 0.00	26.74 -1.00 0.00	27.68 -0.97 0.00	29.39 -0.85 0.00	32.19 -0.26 0.00	34.36 -0.14 0.00	35.74 -0.54 0.00	38.30 -0.35 0.00	40.68 -0.08 0.00	44.42 -0.81 0.00	50.13 -0.71 0.14	56.69 -1.16 0.00	52.40 -0.96 0.00	44.64 -1.10 0.00	41.06 -0.63 0.00	37.66 -0.27 0.00	33.51 -0.20 0.00	29.06 -0.15 0.00
STA_67____115KV_BK2 355882	29.26 -0.42 0.00	25.94 -0.50 0.00	23.95 -0.36 0.00	22.21 -0.38 0.00	22.27 -0.32 0.00	22.90 -0.21 0.00	24.66 -0.66 0.00	26.77 -0.97 0.00	27.74 -0.92 0.00	29.45 -0.79 0.00	32.26 -0.19 0.00	34.43 -0.07 0.00	35.77 -0.51 0.00	38.34 -0.31 0.00	40.72 -0.04 0.00	44.42 -0.81 0.00	50.13 -0.71 0.14	56.69 -1.16 0.00	52.40 -0.96 0.00	44.64 -1.10 0.00	41.06 -0.63 0.00	37.70 -0.23 0.00	33.58 -0.13 0.00	29.15 -0.06 0.00
STA_7____115KV_9TRANS 80674	29.47 -0.21 0.00	26.10 -0.34 0.00	24.09 -0.22 0.00	22.34 -0.25 0.00	22.40 -0.18 0.00	23.04 -0.07 0.00	24.84 -0.48 0.00	26.96 -0.78 0.00	27.94 -0.72 0.00	29.66 -0.57 0.00	32.52 0.06 0.00	34.74 0.24 0.00	36.10 -0.18 0.00	38.72 0.08 0.00	41.13 0.37 0.00	44.87 -0.36 0.00	50.64 -0.20 0.14	57.21 -0.64 0.00	52.94 -0.43 0.00	45.10 -0.64 0.00	41.51 -0.17 0.00	38.12 0.19 0.00	33.91 0.20 0.00	29.41 0.20 0.00
STA_82____115KV_TB1 80780	29.26 -0.42 0.00	25.94 -0.50 0.00	23.95 -0.36 0.00	22.21 -0.38 0.00	22.27 -0.32 0.00	22.90 -0.21 0.00	24.69 -0.63 0.00	26.80 -0.94 0.00	27.74 -0.92 0.00	29.45 -0.79 0.00	32.26 -0.19 0.00	34.43 -0.07 0.00	35.77 -0.51 0.00	38.34 -0.31 0.00	40.72 -0.04 0.00	44.42 -0.81 0.00	50.13 -0.71 0.14	56.69 -1.16 0.00	52.40 -0.96 0.00	44.64 -1.10 0.00	41.10 -0.58 0.00	37.74 -0.19 0.00	33.61 -0.10 0.00	29.18 -0.03 0.00
STEEL____WIND 323596	29.11 -0.56 0.00	25.78 -0.66 0.00	23.85 -0.46 0.00	22.12 -0.48 0.00	22.20 -0.38 0.00	22.88 -0.23 0.00	24.43 -0.89 0.00	27.05 -0.69 0.00	27.88 -0.77 0.00	29.66 -0.58 0.00	32.75 0.29 0.00	35.09 0.59 0.00	36.47 0.18 0.00	39.00 0.35 0.00	41.66 0.90 0.00	44.83 -0.41 0.00	51.45 0.46 -0.01	55.37 -2.49 -0.01	52.35 -1.02 0.00	44.60 -1.14 0.00	41.06 -0.62 0.00	38.12 0.19 0.00	33.98 0.27 0.00	29.56 0.35 0.00
STEPHTWN_115KV_BK_2 55603	30.78 1.10 0.00	27.32 0.87 0.00	25.11 0.80 0.00	23.34 0.75 0.00	23.35 0.77 0.00	23.85 0.74 0.00	26.13 0.81 0.00	28.60 0.86 0.00	29.57 0.92 0.00	31.05 0.82 0.00	33.23 0.78 0.00	35.37 0.86 0.00	37.37 1.09 0.00	39.77 1.12 0.00	42.02 1.26 0.00	46.86 1.63 0.00	53.08 2.09 0.00	60.40 2.55 0.00	55.82 2.45 0.00	47.80 2.06 0.00	43.39 1.71 0.00	39.33 1.40 0.00	34.86 1.15 0.00	30.17 0.96 0.00
STEUBEN_REC_LFGE 323667	30.06 0.39 0.00	26.68 0.24 0.00	24.60 0.29 0.00	22.84 0.25 0.00	22.90 0.32 0.00	23.64 0.53 0.00	25.52 0.20 0.00	27.99 0.25 0.00	29.08 0.43 0.00	30.84 0.60 0.00	33.72 1.27 0.00	36.06 1.55 0.00	37.48 1.20 0.00	40.19 1.55 0.00	42.59 1.83 0.00	46.55 1.31 0.00	52.98 1.99 0.00	59.47 1.62 0.00	54.96 1.60 0.00	46.88 1.14 0.00	43.10 1.42 0.00	39.60 1.67 0.00	35.33 1.62 0.00	30.46 1.26 0.00
STILLWATER____SOLAR 323814	31.58 1.90 0.00	28.06 1.61 0.00	25.77 1.46 0.00	23.95 1.36 0.00	23.92 1.33 0.00	24.47 1.36 0.00	26.81 1.49 0.00	29.49 1.75 0.00	30.54 1.89 0.00	32.14 1.91 0.00	34.27 1.82 0.00	36.54 2.04 0.00	38.57 2.29 0.00	40.97 2.32 0.00	43.25 2.49 0.00	48.31 3.08 0.00	54.66 3.67 0.00	62.48 4.63 0.00	58.11 4.75 0.00	49.76 4.03 0.00	45.39 3.71 0.00	41.81 3.19 -0.69	37.05 2.63 -0.71	33.14 2.22 -1.71
STONY____BROOK 24151	34.64 3.06 -1.90	32.65 2.41 -3.80	28.36 2.19 -1.87	24.65 2.06 0.00	25.94 2.05 -1.30	25.16 2.06 0.00	27.65 2.33 0.00	33.08 2.69 -2.65	34.98 3.12 -3.21	35.73 3.33 -2.17	39.56 3.57 -3.54	43.04 3.59 -4.95	42.94 3.99 -2.67	43.26 4.02 -0.59	45.09 4.24 -0.09	50.00 4.75 -0.02	56.10 5.10 -0.02	64.06 6.19 -0.02	58.71 5.34 -0.02	50.24 4.48 -0.02	45.39 3.71 0.00	43.14 3.34 -1.87	39.00 3.04 -2.25	38.03 2.69 -6.14
STURGEON_POOL_HYD 23609	31.73 2.05 0.00	28.00 1.56 0.00	25.74 1.43 0.00	23.97 1.38 0.00	23.92 1.33 0.00	24.40 1.29 0.00	26.81 1.49 0.00	29.49 1.75 0.00	30.66 2.01 0.00	32.38 2.15 0.00	34.72 2.27 0.00	36.78 2.28 0.00	38.89 2.61 0.00	41.47 2.82 0.00	43.69 2.93 0.00	48.58 3.35 0.00	54.91 3.93 0.00	62.25 4.40 0.00	56.99 3.63 0.00	48.71 2.97 0.00	44.02 2.33 0.00	40.54 2.20 -0.41	35.99 1.85 -0.42	31.83 1.61 -1.02
ST_LAW_115_BK7_LBMP 345037	28.96 -0.71 0.00	25.92 -0.53 0.00	23.80 -0.51 0.00	22.09 -0.50 0.00	22.09 -0.50 0.00	22.58 -0.53 0.00	24.79 -0.53 0.00	27.07 -0.67 0.00	27.88 -0.77 0.00	29.42 -0.81 0.00	31.54 -0.91 0.00	33.54 -0.97 0.00	35.16 -1.12 0.00	37.41 -1.24 0.00	39.37 -1.39 0.00	43.70 -1.54 0.00	49.93 -2.19 -1.14	55.65 -2.20 0.00	51.17 -2.19 0.00	43.95 -1.78 0.00	40.31 -1.37 0.00	36.79 -1.14 0.00	32.84 -0.88 0.00	28.45 -0.76 0.00
ST_LAW_115_BK8_LBMP 345038	28.96 -0.71 0.00	25.92 -0.53 0.00	23.80 -0.51 0.00	22.09 -0.50 0.00	22.09 -0.50 0.00	22.58 -0.53 0.00	24.79 -0.53 0.00	27.07 -0.67 0.00	27.88 -0.77 0.00	29.42 -0.81 0.00	31.54 -0.91 0.00	33.54 -0.97 0.00	35.16 -1.12 0.00	37.41 -1.24 0.00	39.37 -1.39 0.00	43.70 -1.54 0.00	49.93 -2.19 -1.14	55.65 -2.20 0.00	51.17 -2.19 0.00	43.95 -1.78 0.00	40.31 -1.37 0.00	36.79 -1.14 0.00	32.84 -0.88 0.00	28.45 -0.76 0.00

ST_LAW_230_BK5_LBMP 345035	29.02 -0.65 0.00	25.94 -0.50 0.00	23.82 -0.49 0.00	22.12 -0.48 0.00	22.13 -0.45 0.00	22.62 -0.49 0.00	24.84 -0.48 0.00	27.13 -0.61 0.00	27.94 -0.72 0.00	29.48 -0.75 0.00	31.61 -0.84 0.00	33.64 -0.86 0.00	35.23 -1.05 0.00	37.53 -1.12 0.00	39.45 -1.31 0.00	43.83 -1.40 0.00	49.69 -1.99 -0.69	55.82 -2.03 0.00	51.39 -1.97 0.00	44.13 -1.60 0.00	40.43 -1.25 0.00	36.87 -1.06 0.00	32.90 -0.81 0.00	28.51 -0.70 0.00
ST_LAW_230_BK6_LBMP 345036	29.02 -0.65 0.00	25.94 -0.50 0.00	23.82 -0.49 0.00	22.12 -0.48 0.00	22.13 -0.45 0.00	22.62 -0.49 0.00	24.84 -0.48 0.00	27.13 -0.61 0.00	27.94 -0.72 0.00	29.48 -0.75 0.00	31.61 -0.84 0.00	33.64 -0.86 0.00	35.23 -1.05 0.00	37.53 -1.12 0.00	39.45 -1.31 0.00	43.83 -1.40 0.00	49.69 -1.99 -0.69	55.82 -2.03 0.00	51.39 -1.97 0.00	44.13 -1.60 0.00	40.43 -1.25 0.00	36.87 -1.06 0.00	32.90 -0.81 0.00	28.51 -0.70 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.52 1.84 0.00	27.85 1.40 0.00	25.60 1.29 0.00	23.81 1.22 0.00	23.78 1.20 0.00	24.31 1.20 0.00	26.71 1.39 0.00	29.32 1.58 0.00	30.49 1.83 0.00	32.20 1.97 0.00	34.46 2.01 0.00	36.54 2.04 0.00	38.60 2.32 0.00	41.08 2.43 0.00	43.29 2.53 0.00	48.13 2.90 0.00	54.40 3.42 0.00	61.79 3.93 0.00	56.67 3.31 0.00	48.48 2.74 0.00	43.85 2.17 0.00	41.37 1.86 -1.58	36.92 1.58 -1.62	34.53 1.40 -3.92
SWANROAD_115KV_TB1 355699	28.34 -1.34 0.00	25.12 -1.32 0.00	23.27 -1.05 0.00	21.60 -0.99 0.00	21.66 -0.93 0.00	22.28 -0.83 0.00	23.68 -1.65 0.00	25.77 -1.97 0.00	26.79 -1.86 0.00	28.48 -1.75 0.00	31.58 -0.88 0.00	33.71 -0.79 0.00	34.76 -1.52 0.00	37.30 -1.35 0.00	39.66 -1.10 0.00	42.80 -2.44 0.00	48.30 -2.55 0.13	54.32 -3.53 0.00	50.16 -3.20 0.00	42.67 -3.06 0.00	39.39 -2.29 0.00	36.53 -1.40 0.00	32.74 -0.98 0.00	28.59 -0.61 0.00
SYNERGY___BIOGAS 323694	29.56 -0.12 0.00	26.07 -0.37 0.00	24.14 -0.17 0.00	22.37 -0.23 0.00	22.49 -0.09 0.00	23.15 0.05 0.00	24.76 -0.56 0.00	27.22 -0.53 0.00	28.00 -0.66 0.00	29.75 -0.48 0.00	32.81 0.36 0.00	35.09 0.59 0.00	36.50 0.22 0.00	39.04 0.39 0.00	41.78 1.02 0.00	44.97 -0.27 0.00	51.41 0.56 0.14	56.35 -1.50 0.00	52.94 -0.43 0.00	45.14 -0.60 0.00	41.73 0.04 0.00	38.62 0.68 0.00	34.32 0.61 0.00	29.82 0.61 0.00
SYRACUSE___ENERGY_ST1 323597	29.59 -0.09 0.00	26.42 -0.03 0.00	24.29 -0.02 0.00	22.55 -0.05 0.00	22.56 -0.02 0.00	23.13 0.02 0.00	25.30 -0.03 0.00	27.24 -0.50 0.00	28.11 -0.54 0.00	29.75 -0.48 0.00	32.10 -0.36 0.00	34.23 -0.28 0.00	35.88 -0.40 0.00	38.38 -0.27 0.00	40.56 -0.20 0.00	44.78 -0.45 0.00	50.51 -0.25 0.22	57.33 -0.52 0.00	52.94 -0.43 0.00	45.28 -0.46 0.00	41.35 -0.33 0.00	37.66 -0.27 0.00	33.48 -0.24 0.00	28.95 -0.26 0.00
SYRACUSE___ENERGY_ST2 323598	29.59 -0.09 0.00	26.42 -0.03 0.00	24.29 -0.02 0.00	22.55 -0.05 0.00	22.56 -0.02 0.00	23.13 0.02 0.00	25.30 -0.03 0.00	27.24 -0.50 0.00	28.11 -0.54 0.00	29.75 -0.48 0.00	32.10 -0.36 0.00	34.23 -0.28 0.00	35.88 -0.40 0.00	38.38 -0.27 0.00	40.56 -0.20 0.00	44.78 -0.45 0.00	50.51 -0.25 0.22	57.33 -0.52 0.00	52.94 -0.43 0.00	45.28 -0.46 0.00	41.35 -0.33 0.00	37.66 -0.27 0.00	33.48 -0.24 0.00	28.95 -0.26 0.00
SYRACUSE___POWER 24017	29.44 -0.24 0.00	26.26 -0.19 0.00	24.14 -0.17 0.00	22.43 -0.16 0.00	22.43 -0.16 0.00	23.02 -0.09 0.00	25.14 -0.18 0.00	27.13 -0.61 0.00	27.99 -0.66 0.00	29.63 -0.60 0.00	31.97 -0.49 0.00	34.09 -0.41 0.00	35.74 -0.54 0.00	38.18 -0.46 0.00	40.39 -0.37 0.00	44.60 -0.63 0.00	50.29 -0.46 0.23	57.10 -0.75 0.00	52.72 -0.64 0.00	45.05 -0.69 0.00	41.14 -0.54 0.00	37.48 -0.46 0.00	33.31 -0.40 0.00	28.83 -0.38 0.00
TALLMAN___138KV_BK151 55660	31.75 2.08 0.00	28.06 1.61 0.00	25.77 1.46 0.00	23.97 1.38 0.00	23.94 1.36 0.00	24.47 1.36 0.00	26.92 1.60 0.00	29.57 1.83 0.00	30.80 2.15 0.00	32.53 2.30 0.00	34.82 2.37 0.00	36.88 2.38 0.00	38.96 2.68 0.00	41.43 2.78 0.00	43.57 2.81 0.00	48.49 3.26 0.00	54.81 3.82 0.00	62.19 4.34 0.00	56.99 3.63 0.00	48.71 2.97 0.00	44.06 2.38 0.00	41.24 2.16 -1.15	36.75 1.85 -1.18	33.73 1.66 -2.86
TEALLAVE_115KV_TB7 355573	29.41 -0.27 0.00	26.26 -0.19 0.00	24.14 -0.17 0.00	22.43 -0.16 0.00	22.43 -0.16 0.00	23.02 -0.09 0.00	25.14 -0.18 0.00	27.13 -0.61 0.00	27.99 -0.66 0.00	29.63 -0.60 0.00	31.97 -0.49 0.00	34.09 -0.41 0.00	35.74 -0.54 0.00	38.18 -0.46 0.00	40.35 -0.41 0.00	44.56 -0.68 0.00	50.22 -0.51 0.26	57.04 -0.81 0.00	52.67 -0.69 0.00	45.01 -0.73 0.00	41.10 -0.58 0.00	37.48 -0.46 0.00	33.31 -0.40 0.00	28.83 -0.38 0.00
TELGRAPH_34_KV_EAST 80808	29.08 -0.59 0.00	25.73 -0.71 0.00	23.80 -0.51 0.00	22.07 -0.52 0.00	22.16 -0.43 0.00	22.81 -0.30 0.00	24.33 -0.99 0.00	26.55 -1.19 0.00	27.54 -1.12 0.00	29.27 -0.97 0.00	32.39 -0.06 0.00	34.61 0.10 0.00	35.78 -0.51 0.00	38.42 -0.23 0.00	40.84 0.08 0.00	44.20 -1.04 0.00	49.88 -0.97 0.13	56.24 -1.62 0.00	51.93 -1.44 0.00	44.19 -1.56 0.00	40.81 -0.88 0.00	37.71 -0.23 0.00	33.68 -0.03 0.00	29.35 0.15 0.00
TEMPLE___115KV_TB 2 55572	29.44 -0.24 0.00	26.26 -0.19 0.00	24.16 -0.15 0.00	22.46 -0.14 0.00	22.45 -0.14 0.00	23.02 -0.09 0.00	25.17 -0.15 0.00	27.13 -0.61 0.00	27.99 -0.66 0.00	29.66 -0.57 0.00	32.00 -0.45 0.00	34.12 -0.38 0.00	35.74 -0.54 0.00	38.22 -0.43 0.00	40.39 -0.37 0.00	44.60 -0.63 0.00	50.27 -0.46 0.25	57.10 -0.75 0.00	52.67 -0.69 0.00	45.05 -0.69 0.00	41.14 -0.54 0.00	37.48 -0.46 0.00	33.34 -0.37 0.00	28.83 -0.38 0.00
TIANA____69_KV_BK 1 55817	34.88 3.29 -1.90	32.83 2.59 -3.80	28.56 2.38 -1.87	24.83 2.24 0.00	26.12 2.24 -1.30	25.35 2.24 0.00	27.85 2.53 0.00	33.31 2.91 -2.65	35.30 3.44 -3.21	36.15 3.75 -2.17	40.15 4.15 -3.54	43.80 4.35 -4.95	43.74 4.79 -2.67	44.09 4.87 -0.57	45.98 5.14 -0.08	50.95 5.70 -0.01	57.52 6.53 -0.01	65.61 7.75 -0.01	60.04 6.67 -0.01	51.10 5.35 -0.01	46.18 4.50 0.00	42.45 4.02 -0.50	38.03 3.47 -0.85	34.99 3.04 -2.75
TILDEN___115KV_TB1 80814	29.44 -0.24 0.00	26.26 -0.19 0.00	24.14 -0.17 0.00	22.43 -0.16 0.00	22.43 -0.16 0.00	23.02 -0.09 0.00	25.14 -0.18 0.00	27.13 -0.61 0.00	27.99 -0.66 0.00	29.63 -0.60 0.00	31.97 -0.49 0.00	34.09 -0.41 0.00	35.74 -0.54 0.00	38.18 -0.46 0.00	40.39 -0.37 0.00	44.60 -0.63 0.00	50.29 -0.46 0.23	57.10 -0.75 0.00	52.72 -0.64 0.00	45.05 -0.69 0.00	41.14 -0.54 0.00	37.48 -0.46 0.00	33.31 -0.40 0.00	28.83 -0.38 0.00
TRIGEN___CC 323695	34.34 2.76 -1.90	32.41 2.17 -3.80	28.15 1.97 -1.87	24.44 1.85 0.00	25.71 1.83 -1.30	24.96 1.85 0.00	27.42 2.10 0.00	32.86 2.47 -2.65	34.64 2.78 -3.21	35.37 2.96 -2.17	39.14 3.15 -3.54	42.63 3.17 -4.95	42.51 3.56 -2.67	45.04 3.67 -2.73	44.86 3.75 -0.36	49.40 4.16 0.00	55.83 4.84 0.00	63.52 5.67 0.00	58.16 4.80 0.00	49.58 3.84 0.00	44.85 3.17 0.00	41.35 2.92 -0.50	37.19 2.63 -0.85	34.26 2.31 -2.75

TRINITY__115KV__4 BK 55933	30.51 0.83 0.00	27.08 0.63 0.00	24.92 0.61 0.00	23.18 0.59 0.00	23.17 0.59 0.00	23.66 0.55 0.00	25.88 0.56 0.00	28.35 0.61 0.00	29.28 0.63 0.00	30.78 0.54 0.00	32.94 0.49 0.00	35.02 0.52 0.00	37.04 0.76 0.00	39.42 0.77 0.00	41.57 0.82 0.00	46.32 1.09 0.00	52.41 1.43 0.00	59.53 1.68 0.00	55.02 1.65 0.00	47.15 1.42 0.00	42.81 1.13 0.00	38.84 0.91 0.00	34.42 0.71 0.00	29.82 0.61 0.00
UNION__PROCESSING_DRP 323587	29.26 -0.42 0.00	25.94 -0.50 0.00	23.95 -0.36 0.00	22.21 -0.38 0.00	22.27 -0.32 0.00	22.90 -0.21 0.00	24.69 -0.63 0.00	26.80 -0.94 0.00	27.74 -0.92 0.00	29.45 -0.79 0.00	32.26 -0.19 0.00	34.47 -0.03 0.00	35.77 -0.51 0.00	38.38 -0.27 0.00	40.76 0.00 0.00	44.47 -0.77 0.00	50.18 -0.66 0.14	56.69 -1.16 0.00	52.40 -0.96 0.00	44.69 -1.05 0.00	41.10 -0.58 0.00	37.74 -0.19 0.00	33.61 -0.10 0.00	29.18 -0.03 0.00
UPPER HUDSON__HYD 24058	32.05 2.38 0.00	28.48 2.04 0.00	26.11 1.80 0.00	24.26 1.67 0.00	24.23 1.65 0.00	24.82 1.71 0.00	27.22 1.90 0.00	29.96 2.22 0.00	31.06 2.41 0.00	32.72 2.48 0.00	34.69 2.24 0.00	37.02 2.52 0.00	39.07 2.79 0.00	41.28 2.63 0.00	43.57 2.81 0.00	48.77 3.53 0.00	55.27 4.28 0.00	63.35 5.50 0.00	59.28 5.92 0.00	50.77 5.03 0.00	46.56 4.87 0.00	42.77 4.17 -0.67	37.77 3.37 -0.69	33.71 2.83 -1.67
UPPER RAQUET__HYD 24056	28.40 -1.28 0.00	25.47 -0.98 0.00	23.36 -0.95 0.00	21.64 -0.95 0.00	21.64 -0.95 0.00	22.16 -0.95 0.00	24.46 -0.86 0.00	26.58 -1.16 0.00	27.34 -1.32 0.00	28.85 -1.39 0.00	30.90 -1.56 0.00	32.88 -1.62 0.00	34.50 -1.78 0.00	36.68 -1.97 0.00	38.48 -2.28 0.00	42.75 -2.49 0.00	39.08 -3.82 8.08	53.98 -3.88 0.00	49.63 -3.74 0.00	42.81 -2.93 0.00	39.51 -2.17 0.00	36.22 -1.71 0.00	32.33 -1.38 0.00	27.98 -1.23 0.00
VALLEY44_115KV_TB2 355964	28.97 -0.71 0.00	25.70 -0.74 0.00	23.70 -0.61 0.00	22.00 -0.59 0.00	22.09 -0.50 0.00	22.83 -0.28 0.00	24.51 -0.81 0.00	26.88 -0.86 0.00	27.91 -0.74 0.00	29.63 -0.60 0.00	32.49 0.03 0.00	34.75 0.24 0.00	36.10 -0.18 0.00	38.46 -0.19 0.00	40.72 -0.04 0.00	44.42 -0.81 0.00	50.23 -0.76 -0.01	56.35 -1.50 -0.01	51.98 -1.39 0.00	44.41 -1.33 0.00	40.68 -1.00 0.00	37.59 -0.34 0.00	33.68 -0.03 0.00	29.21 0.00 0.00
VALLEY__115KV_TB 1-4 80826	30.03 0.36 0.00	26.73 0.29 0.00	24.58 0.27 0.00	22.82 0.23 0.00	22.81 0.23 0.00	23.36 0.25 0.00	25.65 0.33 0.00	27.93 0.19 0.00	28.88 0.23 0.00	30.54 0.30 0.00	32.78 0.32 0.00	34.88 0.38 0.00	36.79 0.51 0.00	39.19 0.54 0.00	41.37 0.61 0.00	45.91 0.68 0.00	51.67 0.87 0.19	58.89 1.04 0.00	54.27 0.91 0.00	46.51 0.78 0.00	42.31 0.63 0.00	38.50 0.57 0.00	34.08 0.37 0.00	29.53 0.32 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.19 1.51 0.00	27.71 1.27 0.00	25.48 1.17 0.00	23.59 0.99 0.00	23.58 0.99 0.00	24.22 1.11 0.00	26.69 1.37 0.00	29.10 1.36 0.00	30.11 1.46 0.00	31.90 1.66 0.00	34.17 1.72 0.00	36.40 1.90 0.00	38.42 2.14 0.00	40.97 2.32 0.00	43.25 2.49 0.00	47.95 2.71 0.00	54.25 3.26 0.00	61.61 3.76 0.00	56.83 3.47 0.00	48.80 3.06 0.00	44.39 2.71 0.00	40.32 2.39 0.00	35.63 1.92 0.00	30.79 1.58 0.00
VISCHER__FERRY HYD 24020	31.07 1.40 0.00	27.58 1.14 0.00	25.36 1.04 0.00	23.58 0.99 0.00	23.55 0.97 0.00	24.08 0.97 0.00	26.38 1.06 0.00	28.88 1.14 0.00	29.88 1.23 0.00	31.41 1.18 0.00	33.56 1.10 0.00	35.68 1.17 0.00	37.69 1.41 0.00	40.12 1.47 0.00	42.31 1.55 0.00	47.22 1.99 0.00	53.33 2.35 0.00	60.80 2.95 0.00	56.30 2.93 0.00	48.25 2.51 0.00	43.85 2.17 0.00	40.51 1.86 -0.72	35.97 1.52 -0.74	32.31 1.32 -1.79
V_A_10_SYNC_DSASP 323832	28.67 -1.01 0.00	25.44 -1.00 0.00	23.51 -0.80 0.00	21.80 -0.79 0.00	21.88 -0.70 0.00	22.51 -0.60 0.00	24.06 -1.27 0.00	26.33 -1.41 0.00	27.13 -1.52 0.00	28.84 -1.39 0.00	31.74 -0.71 0.00	33.92 -0.59 0.00	35.23 -1.05 0.00	37.56 -1.08 0.00	40.23 -0.53 0.00	43.29 -1.94 0.00	49.47 -1.37 0.14	54.44 -3.41 0.00	50.80 -2.56 0.00	43.31 -2.43 0.00	39.93 -1.75 0.00	36.98 -0.95 0.00	33.00 -0.71 0.00	28.71 -0.50 0.00
V_CMM_10_SYNC_DSASP 323787	29.08 -0.59 0.00	26.02 -0.42 0.00	23.90 -0.41 0.00	22.19 -0.41 0.00	22.18 -0.41 0.00	22.67 -0.44 0.00	24.91 -0.41 0.00	27.21 -0.53 0.00	28.00 -0.66 0.00	29.54 -0.69 0.00	31.71 -0.75 0.00	33.71 -0.79 0.00	35.34 -0.94 0.00	37.61 -1.04 0.00	39.54 -1.22 0.00	43.88 -1.36 0.00	50.14 -1.99 -1.14	55.82 -2.03 0.00	51.33 -2.03 0.00	44.09 -1.64 0.00	40.51 -1.17 0.00	36.94 -0.99 0.00	32.97 -0.74 0.00	28.57 -0.64 0.00
V_CMP_10_SYNC_DSASP 323788	30.51 0.83 0.00	27.34 0.90 0.00	25.06 0.75 0.00	23.22 0.63 0.00	23.24 0.66 0.00	23.73 0.62 0.00	26.18 0.86 0.00	28.05 0.31 0.00	28.80 0.14 0.00	30.39 0.15 0.00	32.65 0.20 0.00	34.75 0.24 0.00	36.35 0.07 0.00	38.76 0.12 0.00	40.64 -0.12 0.00	45.01 -0.23 0.00	48.69 -1.63 0.66	56.41 -1.44 0.00	51.92 -1.44 0.00	45.32 -0.41 0.00	42.89 1.21 0.00	38.91 0.98 0.00	34.56 0.84 0.00	29.91 0.70 0.00
V_D_10_SYNC_DSASP 323841	29.17 -0.50 0.00	26.13 -0.32 0.00	23.99 -0.32 0.00	22.25 -0.34 0.00	22.27 -0.32 0.00	22.76 -0.35 0.00	25.02 -0.30 0.00	27.30 -0.44 0.00	28.08 -0.57 0.00	29.60 -0.64 0.00	31.77 -0.68 0.00	33.81 -0.69 0.00	35.41 -0.87 0.00	37.68 -0.96 0.00	39.54 -1.22 0.00	43.92 -1.31 0.00	50.53 -2.29 -1.84	55.54 -2.32 0.00	51.07 -2.29 0.00	43.91 -1.83 0.00	40.43 -1.25 0.00	37.02 -0.91 0.00	33.11 -0.61 0.00	28.68 -0.52 0.00
V_E_10_SYNC_DSASP 323830	31.99 2.32 0.00	28.51 2.06 0.00	26.18 1.87 0.00	24.11 1.51 0.00	24.12 1.54 0.00	24.98 1.87 0.00	27.65 2.33 0.00	30.63 2.88 0.00	31.32 2.67 0.00	33.20 2.96 0.00	35.41 2.95 0.00	37.89 3.38 0.00	40.12 3.84 0.00	42.90 4.25 0.00	45.53 4.77 0.00	50.30 5.07 0.00	57.66 6.68 0.00	65.49 7.64 0.00	61.10 7.73 0.00	52.78 7.04 0.00	48.35 6.67 0.00	43.81 5.88 0.00	38.30 4.58 0.00	32.86 3.65 0.00
V_F_30_NSYNC__DSASP 323816	31.61 1.93 0.00	28.11 1.67 0.00	25.79 1.48 0.00	23.99 1.40 0.00	23.94 1.35 0.00	24.49 1.39 0.00	26.84 1.52 0.00	29.57 1.83 0.00	30.63 1.98 0.00	32.23 2.00 0.00	34.37 1.91 0.00	36.64 2.14 0.00	38.67 2.39 0.00	41.08 2.44 0.00	43.37 2.61 0.00	48.45 3.21 0.00	54.81 3.83 0.00	62.65 4.80 0.00	58.27 4.91 0.00	49.94 4.21 0.00	45.51 3.83 0.00	41.91 3.30 -0.69	37.14 2.73 -0.70	33.22 2.31 -1.70
V_F_30_SYNC_DSASP 323786	30.63 0.95 0.00	27.18 0.74 0.00	25.02 0.71 0.00	23.25 0.66 0.00	23.26 0.68 0.00	23.75 0.65 0.00	26.00 0.68 0.00	28.46 0.72 0.00	29.43 0.77 0.00	30.96 0.73 0.00	33.10 0.65 0.00	35.23 0.72 0.00	37.22 0.94 0.00	39.61 0.97 0.00	41.82 1.06 0.00	46.64 1.40 0.00	52.72 1.73 0.00	59.93 2.08 0.00	55.39 2.03 0.00	47.43 1.69 0.00	43.06 1.38 0.00	39.07 1.14 0.00	34.62 0.91 0.00	30.00 0.79 0.00

V_XM10_SYNC_DSASP 323789	30.51 0.83 0.00	27.34 0.90 0.00	25.06 0.75 0.00	23.22 0.63 0.00	23.24 0.66 0.00	23.73 0.62 0.00	26.18 0.86 0.00	28.05 0.31 0.00	28.80 0.14 0.00	30.39 0.15 0.00	32.65 0.20 0.00	34.75 0.24 0.00	36.35 0.07 0.00	38.76 0.12 0.00	40.64 -0.12 0.00	45.01 -0.23 0.00	48.69 -1.63 0.66	56.41 -1.44 0.00	51.92 -1.44 0.00	45.32 -0.41 0.00	42.89 1.21 0.00	38.91 0.98 0.00	34.56 0.84 0.00	29.91 0.70 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.87 2.20 0.00	28.16 1.72 0.00	25.87 1.56 0.00	24.06 1.47 0.00	24.03 1.45 0.00	24.56 1.46 0.00	26.99 1.67 0.00	29.68 1.94 0.00	30.92 2.26 0.00	32.65 2.42 0.00	34.95 2.50 0.00	37.02 2.52 0.00	39.11 2.83 0.00	41.62 2.98 0.00	43.78 3.02 0.00	48.67 3.44 0.00	55.01 4.03 0.00	62.42 4.57 0.00	57.20 3.84 0.00	48.89 3.16 0.00	44.18 2.50 0.00	41.09 2.28 -0.88	36.57 1.96 -0.91	33.15 1.75 -2.19
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.20 2.52 0.00	28.35 1.90 0.00	26.06 1.75 0.00	24.24 1.65 0.00	24.19 1.60 0.00	24.75 1.64 0.00	27.22 1.90 0.00	30.04 2.30 0.00	31.29 2.64 0.00	33.08 2.84 0.00	35.44 2.99 0.00	37.47 2.97 0.00	39.62 3.34 0.00	42.16 3.52 0.00	44.35 3.59 0.00	49.35 4.12 0.00	55.73 4.74 0.00	63.17 5.32 0.00	57.84 4.48 0.00	49.40 3.66 0.00	44.60 2.92 0.00	41.05 2.62 -0.50	36.52 2.29 -0.52	32.50 2.04 -1.25
W50THST__13_KV_LOAD 356117	32.38 2.70 0.00	28.51 2.06 0.00	26.18 1.87 0.00	24.38 1.78 0.00	24.35 1.76 0.00	24.91 1.80 0.00	27.40 2.08 0.00	30.24 2.50 0.00	31.55 2.89 0.00	33.35 3.11 0.00	35.73 3.28 0.00	37.78 3.28 0.00	39.94 3.66 0.00	42.51 3.86 0.00	44.71 3.95 0.00	49.76 4.52 0.00	56.19 5.20 0.00	63.69 5.84 0.00	58.27 4.91 0.00	49.76 4.02 0.00	44.89 3.21 0.00	41.31 2.88 -0.50	36.72 2.49 -0.52	32.67 2.22 -1.25
WADING RIVER_IC_1 23522	34.37 2.79 -1.90	32.41 2.17 -3.80	28.17 1.99 -1.87	24.44 1.85 0.00	25.74 1.85 -1.30	24.96 1.85 0.00	27.45 2.13 0.00	32.83 2.44 -2.65	34.75 2.89 -3.21	35.52 3.11 -2.17	39.37 3.37 -3.54	42.93 3.48 -4.95	42.79 3.84 -2.67	43.08 3.86 -0.57	44.92 4.08 -0.08	49.86 4.62 -0.01	56.14 5.15 -0.01	64.17 6.31 -0.01	58.82 5.45 -0.01	50.09 4.35 -0.01	45.27 3.59 0.00	43.02 3.22 -1.87	38.79 2.83 -2.25	37.83 2.48 -6.14
WADING RIVER_IC_2 23547	34.37 2.79 -1.90	32.41 2.17 -3.80	28.17 1.99 -1.87	24.44 1.85 0.00	25.74 1.85 -1.30	24.96 1.85 0.00	27.45 2.13 0.00	32.83 2.44 -2.65	34.75 2.89 -3.21	35.52 3.11 -2.17	39.37 3.37 -3.54	42.93 3.48 -4.95	42.79 3.84 -2.67	43.08 3.86 -0.57	44.92 4.08 -0.08	49.86 4.62 -0.01	56.14 5.15 -0.01	64.17 6.31 -0.01	58.82 5.45 -0.01	50.09 4.35 -0.01	45.27 3.59 0.00	43.02 3.22 -1.87	38.79 2.83 -2.25	37.83 2.48 -6.14
WADING RIVER_IC_3 23601	34.37 2.79 -1.90	32.41 2.17 -3.80	28.17 1.99 -1.87	24.44 1.85 0.00	25.74 1.85 -1.30	24.96 1.85 0.00	27.45 2.13 0.00	32.83 2.44 -2.65	34.75 2.89 -3.21	35.52 3.11 -2.17	39.37 3.37 -3.54	42.93 3.48 -4.95	42.79 3.84 -2.67	43.08 3.86 -0.57	44.92 4.08 -0.08	49.86 4.62 -0.01	56.14 5.15 -0.01	64.17 6.31 -0.01	58.82 5.45 -0.01	50.09 4.35 -0.01	45.27 3.59 0.00	43.02 3.22 -1.87	38.79 2.83 -2.25	37.83 2.48 -6.14
WALDENNY_12_KV_BK2 80841	29.14 -0.53 0.00	25.78 -0.66 0.00	23.85 -0.46 0.00	22.14 -0.45 0.00	22.20 -0.38 0.00	22.88 -0.23 0.00	24.43 -0.89 0.00	26.83 -0.92 0.00	27.88 -0.77 0.00	29.66 -0.57 0.00	32.81 0.36 0.00	35.13 0.62 0.00	36.32 0.04 0.00	39.04 0.39 0.00	41.42 0.65 0.00	44.88 -0.36 0.00	50.79 -0.20 -0.01	56.93 -0.93 -0.01	52.41 -0.96 0.00	44.60 -1.14 0.00	41.06 -0.63 0.00	38.01 0.08 0.00	33.95 0.24 0.00	29.56 0.35 0.00
WALDEN__HYDRO 24148	31.70 2.02 0.00	28.00 1.56 0.00	25.72 1.41 0.00	23.95 1.36 0.00	23.89 1.31 0.00	24.40 1.29 0.00	26.81 1.49 0.00	29.46 1.72 0.00	30.60 1.95 0.00	32.32 2.09 0.00	34.59 2.14 0.00	36.68 2.17 0.00	38.78 2.50 0.00	41.31 2.67 0.00	43.53 2.77 0.00	48.45 3.21 0.00	54.81 3.82 0.00	62.25 4.40 0.00	57.04 3.68 0.00	48.80 3.06 0.00	44.14 2.46 0.00	40.99 2.20 -0.86	36.41 1.82 -0.88	32.94 1.61 -2.13
WARRENSBURG____ 23737	32.05 2.38 0.00	28.48 2.04 0.00	26.11 1.80 0.00	24.26 1.67 0.00	24.23 1.65 0.00	24.82 1.71 0.00	27.22 1.90 0.00	29.96 2.22 0.00	31.06 2.41 0.00	32.72 2.48 0.00	34.69 2.24 0.00	37.02 2.52 0.00	39.07 2.79 0.00	41.28 2.63 0.00	43.57 2.81 0.00	48.77 3.53 0.00	55.27 4.28 0.00	63.35 5.50 0.00	59.28 5.92 0.00	50.77 5.03 0.00	46.56 4.87 0.00	42.77 4.17 -0.67	37.77 3.37 -0.69	33.71 2.83 -1.67
WATERSIDE____6 8 9 23538	32.23 2.55 0.00	28.45 2.01 0.00	26.13 1.82 0.00	24.33 1.74 0.00	24.28 1.69 0.00	24.82 1.71 0.00	27.27 1.95 0.00	30.10 2.36 0.00	36.07 2.72 -4.69	36.89 2.90 -3.75	37.51 3.05 -2.00	37.54 3.04 0.00	39.69 3.41 0.00	42.28 3.63 0.00	44.35 3.59 0.00	49.08 3.85 0.00	55.42 4.44 0.00	62.83 4.98 0.00	57.58 4.22 0.00	49.17 3.43 0.00	44.39 2.71 0.00	40.86 2.43 -0.50	36.35 2.12 -0.51	32.47 2.02 -1.25
WATKINRD_115KV_LN8_ILLION 55919	29.97 0.30 0.00	26.68 0.24 0.00	24.53 0.22 0.00	22.77 0.18 0.00	22.76 0.18 0.00	23.32 0.21 0.00	25.57 0.25 0.00	27.91 0.17 0.00	28.82 0.17 0.00	30.45 0.21 0.00	32.68 0.23 0.00	34.78 0.28 0.00	36.64 0.36 0.00	39.03 0.39 0.00	41.17 0.41 0.00	45.73 0.50 0.00	51.46 0.66 0.19	58.60 0.75 0.00	54.06 0.69 0.00	46.38 0.64 0.00	42.18 0.50 0.00	38.35 0.42 0.00	34.02 0.30 0.00	29.47 0.26 0.00
WATSON__69_KV_BK 1 55734	35.08 3.50 -1.90	33.04 2.80 -3.80	28.73 2.55 -1.87	24.99 2.39 0.00	26.26 2.37 -1.30	25.51 2.40 0.00	28.03 2.71 0.00	33.53 3.13 -2.65	35.41 3.55 -3.21	36.18 3.78 -2.17	40.08 4.09 -3.54	43.69 4.24 -4.95	43.59 4.64 -2.67	44.09 4.68 -0.76	45.71 4.85 -0.10	50.67 5.43 -0.01	57.11 6.12 -0.01	65.15 7.29 -0.01	59.66 6.30 -0.01	50.91 5.17 -0.01	46.10 4.42 0.00	42.42 3.98 -0.50	38.13 3.57 -0.85	35.08 3.13 -2.75
WDELAWARE__HYD 323627	30.92 1.25 0.00	27.32 0.87 0.00	25.11 0.80 0.00	23.34 0.74 0.00	23.28 0.70 0.00	23.78 0.67 0.00	26.18 0.86 0.00	28.68 0.94 0.00	29.83 1.18 0.00	31.48 1.24 0.00	33.72 1.26 0.00	35.74 1.24 0.00	37.84 1.56 0.00	40.35 1.70 0.00	42.55 1.79 0.00	47.41 2.17 0.00	53.58 2.60 0.00	60.97 3.12 0.00	55.92 2.56 0.00	47.84 2.11 0.00	43.27 1.58 0.00	39.78 1.33 -0.52	35.22 0.98 -0.53	31.31 0.82 -1.29
WEST BABYLON__IC 23714	34.96 3.38 -1.90	32.94 2.70 -3.80	28.63 2.46 -1.87	24.90 2.30 0.00	26.17 2.28 -1.30	25.42 2.31 0.00	27.93 2.61 0.00	33.42 3.02 -2.65	35.27 3.41 -3.21	36.03 3.63 -2.17	39.89 3.89 -3.54	43.49 4.04 -4.95	43.27 4.32 -2.67	44.24 4.44 -1.15	45.47 4.57 -0.15	50.30 5.07 0.00	56.75 5.76 0.00	64.68 6.83 0.00	59.23 5.87 0.00	50.54 4.80 0.00	45.81 4.13 0.00	42.19 3.76 -0.50	37.96 3.40 -0.85	34.94 2.98 -2.75

WEST CANADA___HYD 24049	29.91 0.24 0.00	26.63 0.19 0.00	24.48 0.17 0.00	22.75 0.16 0.00	22.74 0.16 0.00	23.27 0.16 0.00	25.50 0.18 0.00	27.85 0.11 0.00	28.80 0.14 0.00	30.39 0.15 0.00	32.62 0.16 0.00	34.68 0.17 0.00	36.50 0.22 0.00	38.88 0.23 0.00	41.05 0.29 0.00	45.55 0.32 0.00	51.20 0.41 0.19	58.31 0.46 0.00	53.84 0.48 0.00	46.15 0.41 0.00	41.98 0.29 0.00	38.20 0.27 0.00	33.92 0.20 0.00	29.35 0.15 0.00
WESTERN_NY_WIND 24143	29.50 -0.18 0.00	26.05 -0.40 0.00	24.12 -0.19 0.00	22.34 -0.25 0.00	22.45 -0.14 0.00	23.13 0.02 0.00	24.71 -0.61 0.00	26.99 -0.75 0.00	27.97 -0.69 0.00	29.69 -0.54 0.00	32.81 0.36 0.00	35.06 0.55 0.00	36.25 -0.04 0.00	38.96 0.31 0.00	41.46 0.69 0.00	44.88 -0.36 0.00	50.70 -0.15 0.13	57.22 -0.64 0.00	52.89 -0.48 0.00	45.05 -0.69 0.00	41.64 -0.04 0.00	38.43 0.49 0.00	34.25 0.54 0.00	29.79 0.58 0.00
WESTOVER___LESR 323668	29.97 0.30 0.00	26.66 0.21 0.00	24.53 0.22 0.00	22.77 0.18 0.00	22.79 0.20 0.00	23.41 0.30 0.00	25.55 0.23 0.00	27.77 0.03 0.00	28.71 0.06 0.00	30.42 0.18 0.00	32.84 0.39 0.00	35.02 0.52 0.00	36.68 0.40 0.00	39.19 0.54 0.00	41.41 0.65 0.00	45.69 0.45 0.00	51.75 0.76 0.00	58.43 0.58 0.00	53.95 0.59 0.00	46.15 0.41 0.00	42.14 0.46 0.00	38.46 0.53 0.00	34.18 0.47 0.00	29.56 0.35 0.00
WETHRSFD_WT_PWR 323626	29.23 -0.44 0.00	25.92 -0.53 0.00	23.92 -0.39 0.00	22.21 -0.38 0.00	22.29 -0.29 0.00	22.95 -0.16 0.00	24.61 -0.71 0.00	27.10 -0.64 0.00	27.97 -0.69 0.00	29.69 -0.54 0.00	32.62 0.16 0.00	34.92 0.42 0.00	36.35 0.07 0.00	38.76 0.12 0.00	41.37 0.61 0.00	44.74 -0.50 0.00	51.30 0.31 0.00	55.66 -2.20 0.00	52.40 -0.96 0.00	44.69 -1.05 0.00	41.14 -0.54 0.00	38.08 0.15 0.00	33.92 0.20 0.00	29.47 0.26 0.00
WHAVSTOR_138KV_BK127 55557	31.75 2.08 0.00	28.03 1.59 0.00	25.74 1.43 0.00	23.97 1.38 0.00	23.92 1.33 0.00	24.45 1.34 0.00	26.89 1.57 0.00	29.57 1.83 0.00	30.77 2.12 0.00	32.50 2.27 0.00	34.79 2.34 0.00	36.85 2.35 0.00	38.89 2.61 0.00	41.35 2.71 0.00	43.45 2.69 0.00	48.31 3.08 0.00	54.60 3.62 0.00	61.96 4.11 0.00	56.83 3.47 0.00	48.57 2.84 0.00	43.93 2.25 0.00	40.82 2.05 -0.84	36.37 1.79 -0.87	32.91 1.61 -2.10
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.75 2.08 0.00	28.03 1.59 0.00	25.74 1.43 0.00	23.97 1.38 0.00	23.92 1.33 0.00	24.45 1.34 0.00	26.89 1.57 0.00	29.57 1.83 0.00	30.77 2.12 0.00	32.50 2.27 0.00	34.79 2.34 0.00	36.85 2.35 0.00	38.89 2.61 0.00	41.35 2.71 0.00	43.45 2.69 0.00	48.31 3.08 0.00	54.60 3.62 0.00	61.96 4.11 0.00	56.83 3.47 0.00	48.57 2.84 0.00	43.93 2.25 0.00	40.82 2.05 -0.84	36.37 1.79 -0.87	32.91 1.61 -2.10
WHITEHAL_115KV_TB1 80871	32.62 2.94 0.00	29.01 2.57 0.00	26.55 2.24 0.00	24.69 2.10 0.00	24.64 2.06 0.00	25.26 2.15 0.00	27.73 2.41 0.00	30.49 2.75 0.00	31.58 2.92 0.00	33.29 3.05 0.00	35.28 2.82 0.00	37.71 3.21 0.00	39.80 3.52 0.00	42.05 3.40 0.00	44.43 3.67 0.00	49.80 4.57 0.00	56.59 5.61 0.00	64.97 7.12 0.00	60.89 7.52 0.00	52.14 6.40 0.00	47.77 6.09 0.00	43.13 5.20 0.00	37.93 4.21 0.00	32.71 3.50 0.00
WHITEPLN_13_KV_LOAD 356215	32.32 2.64 0.00	28.51 2.06 0.00	26.21 1.90 0.00	24.35 1.76 0.00	24.30 1.72 0.00	24.84 1.73 0.00	27.32 2.00 0.00	30.13 2.39 0.00	31.38 2.72 0.00	33.14 2.90 0.00	35.50 3.05 0.00	37.64 3.14 0.00	39.76 3.48 0.00	42.40 3.75 0.00	44.63 3.87 0.00	49.67 4.43 0.00	56.19 5.20 0.00	63.81 5.96 0.00	58.48 5.12 0.00	49.90 4.16 0.00	45.06 3.38 0.00	41.48 3.03 -0.52	36.80 2.56 -0.53	32.74 2.25 -1.28
WM_FLOYD_69_KV_BK2 356380	34.64 3.06 -1.90	32.65 2.41 -3.80	28.36 2.19 -1.87	24.65 2.06 0.00	25.94 2.06 -1.30	25.19 2.08 0.00	27.68 2.35 0.00	33.11 2.72 -2.65	35.01 3.15 -3.21	35.76 3.36 -2.17	39.59 3.60 -3.54	43.18 3.73 -4.95	43.05 4.10 -2.67	43.40 4.17 -0.58	45.21 4.36 -0.09	50.13 4.89 -0.01	56.60 5.61 -0.01	64.63 6.77 -0.01	59.19 5.82 -0.01	50.46 4.71 -0.01	45.60 3.92 0.00	41.96 3.53 -0.50	37.66 3.10 -0.85	34.70 2.75 -2.75
WOODARD__115KV_TB2 355635	29.38 -0.30 0.00	26.23 -0.21 0.00	24.12 -0.19 0.00	22.41 -0.18 0.00	22.40 -0.18 0.00	22.99 -0.12 0.00	25.12 -0.20 0.00	27.07 -0.67 0.00	27.94 -0.72 0.00	29.57 -0.67 0.00	31.90 -0.55 0.00	33.99 -0.52 0.00	35.66 -0.62 0.00	38.11 -0.54 0.00	40.27 -0.49 0.00	44.47 -0.77 0.00	50.13 -0.61 0.25	56.98 -0.87 0.00	52.56 -0.80 0.00	44.96 -0.78 0.00	41.01 -0.67 0.00	37.40 -0.53 0.00	33.24 -0.47 0.00	28.77 -0.44 0.00
YORK___WARBASSE 23770	32.40 2.67 -0.06	28.61 2.17 0.00	26.28 1.97 0.00	24.47 1.88 0.00	24.41 1.83 0.00	24.93 1.83 0.00	27.37 2.05 0.00	30.21 2.47 0.00	41.92 2.84 -10.43	36.98 2.99 -3.75	37.64 3.18 -2.00	37.68 3.17 0.00	39.87 3.59 0.00	42.47 3.83 0.00	44.59 3.83 0.00	68.95 4.16 -19.55	55.78 4.79 0.00	63.23 5.38 0.00	58.00 4.64 0.00	49.49 3.75 0.00	44.64 2.96 0.00	41.05 2.62 -0.50	36.49 2.26 -0.51	32.66 2.19 -1.26