

# Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses																		--- Marginal Cost of Congestion					
Generator Data		06/19/2025																							
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	
	42.29	37.73	34.32	32.12	31.69	36.63	40.81	45.16	46.90	47.23	47.99	49.76	55.15	58.12	62.57	67.40	75.06	85.48	82.58	69.66	62.18	57.25	49.65	43.53	
	2.58	2.03	1.85	2.02	2.10	2.20	2.78	3.38	3.75	4.06	4.16	4.48	4.97	5.43	6.55	7.23	7.41	7.25	6.92	7.18	5.70	4.29	3.80	3.74	
74TH STREET_GT_1 24260																									
	42.29	37.73	34.32	32.12	31.69	36.59	40.73	45.12	46.81	47.14	47.95	49.67	55.05	57.96	62.46	67.40	74.95	85.37	82.47	69.60	62.12	57.25	49.65	43.53	
	2.58	2.03	1.85	2.02	2.10	2.17	2.70	3.34	3.67	3.97	4.12	4.39	4.87	5.27	6.44	7.23	7.29	7.14	6.81	7.12	5.65	4.29	3.80	3.74	
74TH STREET_GT_2 24261																									
	42.29	37.73	34.32	32.12	31.69	36.59	40.73	45.12	46.81	47.14	47.95	49.67	55.05	57.96	62.46	67.40	74.95	85.37	82.47	69.60	62.12	57.25	49.65	43.53	
	2.58	2.03	1.85	2.02	2.10	2.17	2.70	3.34	3.67	3.97	4.12	4.39	4.87	5.27	6.44	7.23	7.29	7.14	6.81	7.12	5.65	4.29	3.80	3.74	
ADK HUDSON___FALLS 24011																									
	41.61	37.34	33.93	31.57	31.04	36.11	39.89	43.99	45.39	45.28	45.89	47.23	52.49	55.22	58.76	63.57	72.43	85.34	82.57	66.79	60.26	56.30	48.59	42.26	
	1.91	1.64	1.46	1.47	1.45	1.69	1.86	2.21	2.24	2.12	2.06	1.95	2.31	2.53	2.74	2.82	2.88	3.46	3.69	4.31	3.78	3.34	2.75	2.47	
ADK RESOURCE___RCVRY 23798																									
	42.01	37.69	34.16	31.75	31.22	36.45	40.24	44.41	45.78	45.63	46.24	47.54	52.94	55.75	59.10	64.03	72.79	85.90	83.23	67.53	61.05	57.10	49.05	42.62	
	2.30	2.00	1.69	1.65	1.63	2.03	2.20	2.63	2.63	2.46	2.41	2.26	2.76	3.05	3.08	3.27	3.22	3.96	4.31	5.06	4.57	4.13	3.21	2.83	
ADK S GLENS___FALLS 24028																									
	41.61	37.34	33.93	31.57	31.04	36.11	39.89	43.99	45.39	45.28	45.89	47.23	52.49	55.22	58.76	63.57	72.43	85.34	82.57	66.79	60.26	56.30	48.59	42.26	
	1.91	1.64	1.46	1.47	1.45	1.69	1.86	2.21	2.24	2.12	2.06	1.95	2.31	2.53	2.74	2.82	2.88	3.46	3.69	4.31	3.78	3.34	2.75	2.47	
ADK_NYS___DAM 23527																									
	41.69	37.26	34.16	31.90	31.37	36.18	40.12	44.24	45.73	45.67	46.41	47.99	53.19	55.91	59.55	64.50	73.33	85.70	82.95	67.53	60.65	56.36	48.78	42.46	
	1.98	1.57	1.69	1.81	1.78	1.75	2.09	2.46	2.59	2.50	2.59	2.72	3.01	3.21	3.53	3.89	4.12	4.47	4.65	5.06	4.18	3.39	2.94	2.67	
AIR_PRODUCTS___DRP 24190																									
	40.14	35.95	32.96	30.73	30.21	34.94	38.68	42.44	43.92	43.95	44.62	46.18	51.23	53.90	57.25	62.12	70.75	82.85	79.92	64.16	57.66	53.71	46.48	40.47	
	0.44	0.25	0.49	0.63	0.62	0.52	0.65	0.67	0.78	0.78	0.79	0.91	1.05	1.21	1.23	1.47	1.53	1.59	1.59	1.69	1.19	0.74	0.64	0.68	
AKWESSNE_115KV_BK 355683																									
	40.07	36.02	32.67	30.07	29.56	34.56	37.96	41.78	43.19	43.13	43.74	45.10	49.98	52.43	55.46	55.57	55.63	55.53	55.58	61.16	55.57	52.70	45.57	39.36	
	0.36	0.32	0.19	-0.03	-0.03	0.14	-0.08	0.00	0.04	-0.04	-0.09	-0.18	-0.20	-0.26	-0.56	-0.90	-0.90	-1.13	-1.13	-1.31	-0.90	-0.26	-0.28	-0.44	
ALBANY_1_SOLAR 323833																									
	40.94	36.66	33.51	31.21	30.66	35.52	39.25	43.03	44.40	44.25	44.84	46.36	51.44	54.12	56.50	61.28	68.99	77.69	75.79	63.97	57.60	53.71	46.48	40.47	
	1.23	0.96	1.04	1.11	1.06	1.10	1.22	1.25	1.25	1.08	1.01	1.08	1.26	1.42	0.50	0.85	0.96	1.13	1.31	1.50	1.13	0.74	0.64	0.68	
ALBANY_2_SOLAR 323834																									
	40.90	36.66	33.48	31.21	30.66	35.52	39.21	43.03	44.40	44.25	44.84	46.36	51.44	54.12	56.50	61.22	68.93	77.64	75.73	63.91	57.55	53.71	46.48	40.47	
	1.19	0.96	1.01	1.11	1.06	1.10	1.18	1.25	1.25	1.08	1.01	1.08	1.26	1.42	0.50	0.79	0.90	1.07	1.25	1.44	1.07	0.74	0.64	0.68	
ALBANY___1 23571																									
	40.14	35.95	32.96	30.73	30.21	34.94	38.68	42.44	43.92	43.95	44.62	46.18	51.23	53.90	57.25	62.12	70.75	82.85	79.92	64.16	57.66	53.71	46.48	40.47	
	0.44	0.25	0.49	0.63	0.62	0.52	0.65	0.67	0.78	0.78	0.79	0.91	1.05	1.21	1.23	1.47	1.53	1.59	1.59	1.69	1.19	0.74	0.64	0.68	

ALBANY___2 23572	40.14 0.44 0.00	35.95 0.25 0.00	32.96 0.49 0.00	30.73 0.63 0.00	30.21 0.62 0.00	34.94 0.52 0.00	38.68 0.65 0.00	42.44 0.67 0.00	43.92 0.78 0.00	43.95 0.78 0.00	44.62 0.79 0.00	46.18 0.91 0.00	51.23 1.05 0.00	53.90 1.21 0.00	57.25 1.23 0.00	62.12 1.47 -4.17	70.75 1.53 -12.69	82.85 1.59 -24.61	79.92 1.59 -21.62	64.16 1.69 0.00	57.66 1.19 0.00	53.71 0.74 0.00	46.48 0.64 0.00	40.47 0.68 0.00
ALBANY___3 23573	40.14 0.44 0.00	35.95 0.25 0.00	32.96 0.49 0.00	30.73 0.63 0.00	30.21 0.62 0.00	34.94 0.52 0.00	38.68 0.65 0.00	42.44 0.67 0.00	43.92 0.78 0.00	43.95 0.78 0.00	44.62 0.79 0.00	46.18 0.91 0.00	51.23 1.05 0.00	53.90 1.21 0.00	57.25 1.23 0.00	62.12 1.47 -4.17	70.75 1.53 -12.69	82.85 1.59 -24.61	79.92 1.59 -21.62	64.16 1.69 0.00	57.66 1.19 0.00	53.71 0.74 0.00	46.48 0.64 0.00	40.47 0.68 0.00
ALBANY___4 23574	40.14 0.44 0.00	35.95 0.25 0.00	32.96 0.49 0.00	30.73 0.63 0.00	30.21 0.62 0.00	34.94 0.52 0.00	38.68 0.65 0.00	42.44 0.67 0.00	43.92 0.78 0.00	43.95 0.78 0.00	44.62 0.79 0.00	46.18 0.91 0.00	51.23 1.05 0.00	53.90 1.21 0.00	57.25 1.23 0.00	62.12 1.47 -4.17	70.75 1.53 -12.69	82.85 1.59 -24.61	79.92 1.59 -21.62	64.16 1.69 0.00	57.66 1.19 0.00	53.71 0.74 0.00	46.48 0.64 0.00	40.47 0.68 0.00
ALBANY___LFGE 323615	40.58 0.87 0.00	36.34 0.64 0.00	33.25 0.78 0.00	31.00 0.90 0.00	30.45 0.86 0.00	35.28 0.86 0.00	39.02 0.99 0.00	42.90 1.13 0.00	44.40 1.25 0.00	44.38 1.21 0.00	45.10 1.27 0.00	46.68 1.41 0.00	51.83 1.65 0.00	54.48 1.79 0.00	57.86 1.85 0.00	62.82 2.15 -4.20	71.47 2.15 -12.79	83.65 2.21 -24.79	80.76 2.27 -21.78	64.91 2.43 0.00	58.34 1.86 0.00	54.34 1.37 0.00	46.99 1.15 0.00	40.91 1.11 0.00
ALCOA_PA_115KV_PL-6C 55860	40.34 0.64 0.00	36.27 0.57 0.00	32.83 0.36 0.00	30.22 0.12 0.00	29.68 0.09 0.00	34.77 0.34 0.00	38.18 0.15 0.00	42.03 0.25 0.00	43.40 0.26 0.00	43.34 0.17 0.00	43.96 0.13 0.00	45.23 -0.05 0.00	50.13 -0.05 0.00	52.59 -0.11 0.00	55.63 -0.39 0.00	55.74 -0.73 0.00	55.80 -0.73 0.00	55.64 -1.02 0.00	55.64 -1.08 0.00	61.29 -1.19 0.00	55.74 -0.73 0.00	52.86 -0.11 0.00	45.75 -0.09 0.00	39.52 -0.28 0.00
ALCOA_RYNLDS___DRP 24188	40.34 0.64 0.00	36.27 0.57 0.00	32.83 0.36 0.00	30.22 0.12 0.00	29.68 0.09 0.00	34.77 0.34 0.00	38.18 0.15 0.00	42.03 0.25 0.00	43.40 0.26 0.00	43.34 0.17 0.00	43.96 0.13 0.00	45.23 -0.05 0.00	50.13 -0.05 0.00	52.59 -0.11 0.00	55.63 -0.39 0.00	55.74 -0.73 0.00	55.80 -0.73 0.00	55.64 -1.02 0.00	55.64 -1.08 0.00	61.29 -1.19 0.00	55.74 -0.73 0.00	52.86 -0.11 0.00	45.75 -0.09 0.00	39.52 -0.28 0.00
ALCOA___DSASP 323711	40.34 0.63 0.00	36.27 0.57 0.00	32.83 0.36 0.00	30.22 0.12 0.00	29.68 0.09 0.00	34.77 0.34 0.00	38.18 0.15 0.00	42.03 0.25 0.00	43.40 0.26 0.00	43.34 0.17 0.00	43.96 0.13 0.00	45.23 -0.05 0.00	50.13 -0.05 0.00	52.59 -0.11 0.00	55.85 -0.17 0.00	55.80 -0.68 0.00	55.80 -0.74 0.00	55.64 -1.02 0.00	55.64 -1.08 0.00	61.29 -1.19 0.00	55.74 -0.74 0.00	52.86 -0.11 0.00	45.75 -0.09 0.00	39.52 -0.28 0.00
ALLEGHENY___COGEN 23514	40.46 0.75 0.00	36.13 0.43 0.00	32.44 -0.03 0.00	30.16 0.06 0.00	29.56 -0.03 0.00	34.25 -0.17 0.00	39.12 -0.23 -1.32	65.00 -1.63 -24.85	41.81 -1.34 0.00	41.57 -1.60 0.00	42.03 -1.80 0.00	43.29 -1.99 0.00	47.82 -2.36 0.00	50.16 -2.53 0.00	52.99 -3.03 0.00	55.06 -2.03 -0.61	56.98 -1.41 -1.86	59.92 -0.34 -3.60	60.22 0.34 -3.16	63.97 1.50 0.00	58.40 1.92 0.00	54.45 1.48 0.00	46.67 0.83 0.00	42.22 2.43 0.00
ALTAMONT_115KV_TB 2 55880	40.58 0.87 0.00	36.37 0.68 0.00	33.22 0.75 0.00	30.97 0.87 0.00	30.45 0.86 0.00	35.25 0.83 0.00	38.98 0.95 0.00	42.90 1.13 0.00	44.35 1.21 0.00	44.38 1.21 0.00	45.05 1.23 0.00	46.64 1.36 0.00	51.69 1.51 0.00	54.38 1.69 0.00	57.81 1.79 0.00	62.75 2.09 -4.18	71.36 2.09 -12.74	83.64 2.15 -24.83	80.72 2.21 -21.80	64.91 2.44 0.00	58.34 1.86 0.00	54.34 1.38 0.00	47.03 1.19 0.00	40.99 1.19 0.00
ALTONA_WT_PWR 323606	40.42 0.72 0.00	36.34 0.64 0.00	32.93 0.45 0.00	30.28 0.18 0.00	29.71 0.12 0.00	34.67 0.24 0.00	37.99 -0.04 0.00	41.82 0.04 0.00	43.19 0.04 0.00	43.04 -0.13 0.00	43.47 -0.35 0.00	44.69 -0.59 0.00	49.48 -0.70 0.00	51.75 -0.95 0.00	54.84 -1.18 0.00	54.61 -1.86 0.00	54.67 -1.86 0.00	54.73 -1.93 0.00	54.73 -1.99 0.00	60.29 -2.19 0.00	54.78 -1.69 0.00	52.01 -0.95 0.00	45.02 -0.82 0.00	38.96 -0.84 0.00
AMERICAN_REF_FUEL 24010	37.64 -2.07 0.00	33.56 -2.14 0.00	30.20 -2.27 0.00	28.32 -1.78 0.00	27.73 -1.86 0.00	31.88 -2.55 0.00	34.79 -2.93 0.32	32.57 -3.26 5.94	38.66 -4.49 0.00	38.94 -4.23 0.00	39.62 -4.21 0.00	40.93 -4.35 0.00	45.26 -4.92 0.00	47.58 -5.11 0.00	49.75 -6.27 0.00	51.31 -5.76 -0.59	53.19 -5.14 -1.80	55.90 -4.25 -3.49	55.75 -4.03 -3.06	58.29 -4.19 0.00	53.03 -3.45 0.00	49.05 -3.92 0.00	42.86 -2.98 0.00	38.00 -1.79 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.68 -2.02 0.00	33.45 -2.25 0.00	29.94 -2.53 0.00	27.84 -2.26 0.00	27.28 -2.31 0.00	31.39 -3.03 0.00	34.18 -3.58 0.27	32.77 -3.84 5.16	38.53 -4.62 0.00	38.81 -4.36 0.00	39.58 -4.25 0.00	40.98 -4.30 0.00	45.46 -4.72 0.00	47.90 -4.79 0.00	50.19 -5.83 0.00	51.71 -5.42 -0.65	53.88 -4.63 -1.98	56.76 -3.74 -3.84	56.75 -3.35 -3.38	59.66 -2.81 0.00	54.44 -2.03 0.00	50.48 -2.49 0.00	44.28 -1.56 0.00	39.08 -0.72 0.00
ARTHUR KILL_GT_1 23520	42.37 2.66 0.00	37.77 2.07 0.00	34.36 1.88 0.00	32.06 1.96 0.00	31.66 2.07 0.00	36.42 2.00 0.00	40.47 2.43 0.00	44.83 3.05 0.00	46.16 3.02 0.00	46.54 3.37 0.00	47.42 3.59 0.00	48.93 3.89 0.24	50.29 4.42 4.30	52.07 4.74 5.37	55.81 5.99 6.20	59.12 6.78 4.13	68.34 6.78 -5.03	78.97 6.52 -15.79	73.44 6.18 -10.54	61.51 6.37 7.34	54.70 5.03 6.80	51.26 3.71 5.41	49.36 3.53 0.01	43.66 3.86 -0.01
ARTHUR_KILL_2 23512	42.25 2.54 0.00	37.66 1.96 0.00	34.26 1.78 0.00	31.97 1.87 0.00	31.57 1.98 0.00	36.32 1.89 0.00	40.35 2.32 0.00	44.70 2.92 0.00	46.04 2.89 0.00	46.36 3.19 0.00	47.28 3.46 0.01	48.75 3.71 0.24	50.14 4.26 4.30	51.86 4.53 5.37	55.36 5.55 6.20	58.83 6.49 4.13	68.00 6.44 -5.03	78.68 6.23 -15.79	73.15 5.90 -10.54	61.19 6.06 7.34	54.42 4.74 6.80	51.05 3.49 5.41	49.18 3.34 0.01	43.58 3.78 -0.01
ARTHUR_KILL_3 23513	41.81 2.10 0.00	37.30 1.61 0.00	33.97 1.49 0.00	31.75 1.65 0.00	31.37 1.78 0.00	36.21 1.79 0.00	40.31 2.28 0.00	44.66 2.88 0.00	46.34 3.19 0.00	46.62 3.45 0.00	47.46 3.64 0.00	48.80 3.76 0.23	50.00 4.12 4.30	51.76 4.43 5.36	55.20 5.38 6.19	58.67 6.32 4.13	67.95 6.39 -5.03	78.69 6.23 -15.80	73.16 5.90 -10.55	61.27 6.13 7.33	54.48 4.80 6.79	51.06 3.49 5.40	49.05 3.21 0.00	43.17 3.38 0.00

ARTHUR_KILL_COGEN 323718	42.37 2.66 0.00	37.77 2.07 0.00	34.36 1.88 0.00	32.05 1.96 0.00	31.66 2.07 0.00	36.42 2.00 0.00	40.47 2.44 0.00	44.82 3.05 0.00	46.16 3.02 0.00	46.49 3.32 0.00	47.41 3.59 0.01	48.93 3.89 0.24	50.29 4.42 4.30	52.07 4.74 5.37	55.59 5.77 6.20	59.12 6.77 4.13	68.28 6.72 -5.03	78.96 6.51 -15.79	73.44 6.18 -10.54	61.51 6.38 7.34	54.70 5.02 6.80	51.26 3.71 5.41	49.36 3.53 0.01	43.74 3.94 -0.01
ASHOKAN____ 23654	41.69 1.98 0.00	37.30 1.61 0.00	33.90 1.43 0.00	31.66 1.56 0.00	31.13 1.54 0.00	36.14 1.72 0.00	40.01 1.98 0.00	44.07 2.30 0.00	45.60 2.46 0.00	45.50 2.33 0.00	46.02 2.19 0.00	47.77 2.49 0.00	53.04 2.86 0.00	55.96 3.27 0.00	60.49 4.48 0.02	65.24 4.97 -3.79	73.19 5.65 -11.00	81.26 5.49 -19.11	79.21 5.45 -17.05	67.47 5.00 0.00	60.54 4.07 0.00	56.20 3.23 0.00	48.55 2.70 0.00	42.22 2.43 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.22 2.50 -0.01	37.70 2.00 -0.01	34.30 1.82 -0.01	32.09 1.99 -0.01	31.67 2.07 -0.01	36.53 2.10 -0.01	40.62 2.59 0.00	44.95 3.17 0.00	46.24 3.11 0.01	46.62 3.45 0.00	47.77 3.95 0.00	49.44 4.16 0.00	54.95 4.77 0.00	57.59 4.90 0.00	61.95 5.94 0.00	67.13 6.94 -3.71	74.56 6.89 -11.13	85.03 6.80 -21.58	81.91 6.24 -18.96	69.10 6.62 -0.01	61.67 5.19 0.00	56.95 3.97 -0.01	49.52 3.67 -0.01	43.62 3.82 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	42.22 2.50 -0.01	37.70 2.00 -0.01	34.30 1.82 -0.01	32.09 1.99 -0.01	31.67 2.07 -0.01	36.53 2.10 -0.01	40.62 2.59 0.00	44.95 3.17 0.00	46.24 3.11 0.01	46.62 3.45 0.00	47.77 3.95 0.00	49.44 4.16 0.00	54.95 4.77 0.00	57.59 4.90 0.00	61.95 5.94 0.00	67.13 6.94 -3.71	74.56 6.89 -11.13	85.03 6.80 -21.58	81.91 6.24 -18.96	69.10 6.62 -0.01	61.67 5.19 0.00	56.95 3.97 -0.01	49.52 3.67 -0.01	43.62 3.82 -0.01
ASTORIA_GT2_1 24094	42.22 2.50 -0.01	37.70 2.00 -0.01	34.33 1.85 -0.01	32.12 2.02 -0.01	31.70 2.10 -0.01	36.57 2.13 -0.01	40.62 2.59 0.00	44.95 3.17 0.00	46.29 3.15 0.00	46.67 3.50 0.00	47.77 3.94 0.00	49.49 4.21 0.00	55.00 4.82 0.00	57.54 4.85 0.00	62.18 6.16 0.00	67.13 6.95 -3.71	74.62 6.95 -11.13	85.03 6.80 -21.58	81.97 6.30 -18.96	69.10 6.62 -0.01	61.67 5.20 0.00	56.94 3.97 -0.01	49.52 3.67 -0.01	43.58 3.78 -0.01
ASTORIA_GT2_2 24095	42.22 2.50 -0.01	37.70 2.00 -0.01	34.33 1.85 -0.01	32.12 2.02 -0.01	31.70 2.10 -0.01	36.57 2.13 -0.01	40.62 2.59 0.00	44.95 3.17 0.00	46.29 3.15 0.00	46.67 3.50 0.00	47.77 3.94 0.00	49.49 4.21 0.00	55.00 4.82 0.00	57.54 4.85 0.00	62.18 6.16 0.00	67.13 6.95 -3.71	74.62 6.95 -11.13	85.03 6.80 -21.58	81.97 6.30 -18.96	69.10 6.62 -0.01	61.67 5.20 0.00	56.94 3.97 -0.01	49.52 3.67 -0.01	43.58 3.78 -0.01
ASTORIA_GT2_3 24096	42.22 2.50 -0.01	37.70 2.00 -0.01	34.33 1.85 -0.01	32.12 2.02 -0.01	31.70 2.10 -0.01	36.57 2.13 -0.01	40.62 2.59 0.00	44.95 3.17 0.00	46.29 3.15 0.00	46.67 3.50 0.00	47.77 3.94 0.00	49.49 4.21 0.00	55.00 4.82 0.00	57.54 4.85 0.00	62.18 6.16 0.00	67.13 6.95 -3.71	74.62 6.95 -11.13	85.03 6.80 -21.58	81.97 6.30 -18.96	69.10 6.62 -0.01	61.67 5.20 0.00	56.94 3.97 -0.01	49.52 3.67 -0.01	43.58 3.78 -0.01
ASTORIA_GT2_4 24097	42.22 2.50 -0.01	37.70 2.00 -0.01	34.33 1.85 -0.01	32.12 2.02 -0.01	31.70 2.10 -0.01	36.57 2.13 -0.01	40.62 2.59 0.00	44.95 3.17 0.00	46.29 3.15 0.00	46.67 3.50 0.00	47.77 3.94 0.00	49.49 4.21 0.00	55.00 4.82 0.00	57.54 4.85 0.00	62.18 6.16 0.00	67.13 6.95 -3.71	74.62 6.95 -11.13	85.03 6.80 -21.58	81.97 6.30 -18.96	69.10 6.62 -0.01	61.67 5.20 0.00	56.94 3.97 -0.01	49.52 3.67 -0.01	43.58 3.78 -0.01
ASTORIA_GT3_1 24098	42.22 2.50 -0.01	37.70 2.00 -0.01	34.33 1.85 -0.01	32.12 2.02 -0.01	31.70 2.10 -0.01	36.57 2.13 -0.01	40.62 2.59 0.00	44.95 3.17 0.00	46.29 3.15 0.00	46.67 3.50 0.00	47.77 3.94 0.00	49.49 4.21 0.00	55.00 4.82 0.00	57.54 4.85 0.00	62.18 6.16 0.00	67.13 6.95 -3.71	74.62 6.95 -11.13	85.03 6.80 -21.58	81.97 6.30 -18.96	69.10 6.62 -0.01	61.67 5.20 0.00	56.94 3.97 -0.01	49.52 3.67 -0.01	43.58 3.78 -0.01
ASTORIA_GT3_2 24099	42.22 2.50 -0.01	37.70 2.00 -0.01	34.33 1.85 -0.01	32.12 2.02 -0.01	31.70 2.10 -0.01	36.57 2.13 -0.01	40.62 2.59 0.00	44.95 3.17 0.00	46.29 3.15 0.00	46.67 3.50 0.00	47.77 3.94 0.00	49.49 4.21 0.00	55.00 4.82 0.00	57.54 4.85 0.00	62.18 6.16 0.00	67.13 6.95 -3.71	74.62 6.95 -11.13	85.03 6.80 -21.58	81.97 6.30 -18.96	69.10 6.62 -0.01	61.67 5.20 0.00	56.94 3.97 -0.01	49.52 3.67 -0.01	43.58 3.78 -0.01
ASTORIA_GT3_3 24100	42.22 2.50 -0.01	37.70 2.00 -0.01	34.33 1.85 -0.01	32.12 2.02 -0.01	31.70 2.10 -0.01	36.57 2.13 -0.01	40.62 2.59 0.00	44.95 3.17 0.00	46.29 3.15 0.00	46.67 3.50 0.00	47.77 3.94 0.00	49.49 4.21 0.00	55.00 4.82 0.00	57.54 4.85 0.00	62.18 6.16 0.00	67.13 6.95 -3.71	74.62 6.95 -11.13	85.03 6.80 -21.58	81.97 6.30 -18.96	69.10 6.62 -0.01	61.67 5.20 0.00	56.94 3.97 -0.01	49.52 3.67 -0.01	43.58 3.78 -0.01
ASTORIA_GT3_4 24101	42.22 2.50 -0.01	37.70 2.00 -0.01	34.33 1.85 -0.01	32.12 2.02 -0.01	31.70 2.10 -0.01	36.57 2.13 -0.01	40.62 2.59 0.00	44.95 3.17 0.00	46.29 3.15 0.00	46.67 3.50 0.00	47.77 3.94 0.00	49.49 4.21 0.00	55.00 4.82 0.00	57.54 4.85 0.00	62.18 6.16 0.00	67.13 6.95 -3.71	74.62 6.95 -11.13	85.03 6.80 -21.58	81.97 6.30 -18.96	69.10 6.62 -0.01	61.67 5.20 0.00	56.94 3.97 -0.01	49.52 3.67 -0.01	43.58 3.78 -0.01
ASTORIA_GT4_1 24102	42.22 2.50 -0.01	37.70 2.00 -0.01	34.33 1.85 -0.01	32.12 2.02 -0.01	31.70 2.10 -0.01	36.57 2.13 -0.01	40.62 2.59 0.00	44.95 3.17 0.00	46.29 3.15 0.00	46.67 3.50 0.00	47.77 3.94 0.00	49.49 4.21 0.00	55.00 4.82 0.00	57.54 4.85 0.00	62.18 6.16 0.00	67.13 6.95 -3.71	74.62 6.95 -11.13	85.03 6.80 -21.58	81.97 6.30 -18.96	69.10 6.62 -0.01	61.67 5.20 0.00	56.94 3.97 -0.01	49.52 3.67 -0.01	43.58 3.78 -0.01
ASTORIA_GT4_2 24103	42.22 2.50 -0.01	37.70 2.00 -0.01	34.33 1.85 -0.01	32.12 2.02 -0.01	31.70 2.10 -0.01	36.57 2.13 -0.01	40.62 2.59 0.00	44.95 3.17 0.00	46.29 3.15 0.00	46.67 3.50 0.00	47.77 3.94 0.00	49.49 4.21 0.00	55.00 4.82 0.00	57.54 4.85 0.00	62.18 6.16 0.00	67.13 6.95 -3.71	74.62 6.95 -11.13	85.03 6.80 -21.58	81.97 6.30 -18.96	69.10 6.62 -0.01	61.67 5.20 0.00	56.94 3.97 -0.01	49.52 3.67 -0.01	43.58 3.78 -0.01
ASTORIA_GT4_3 24104	42.22 2.50 -0.01	37.70 2.00 -0.01	34.33 1.85 -0.01	32.12 2.02 -0.01	31.70 2.10 -0.01	36.57 2.13 -0.01	40.62 2.59 0.00	44.95 3.17 0.00	46.29 3.15 0.00	46.67 3.50 0.00	47.77 3.94 0.00	49.49 4.21 0.00	55.00 4.82 0.00	57.54 4.85 0.00	62.18 6.16 0.00	67.13 6.95 -3.71	74.62 6.95 -11.13	85.03 6.80 -21.58	81.97 6.30 -18.96	69.10 6.62 -0.01	61.67 5.20 0.00	56.94 3.97 -0.01	49.52 3.67 -0.01	43.58 3.78 -0.01

ASTORIA_GT4_4 24105	42.22 2.50 -0.01	37.70 2.00 -0.01	34.33 1.85 -0.01	32.12 2.02 -0.01	31.70 2.10 -0.01	36.57 2.13 -0.01	40.62 2.59 0.00	44.95 3.17 0.00	46.29 3.15 0.00	46.67 3.50 0.00	47.77 3.94 0.00	49.49 4.21 0.00	55.00 4.82 0.00	57.54 4.85 0.00	62.18 6.16 0.00	67.13 6.95 -3.71	74.62 6.95 -11.13	85.03 6.80 -21.58	81.97 6.30 -18.96	69.10 6.62 -0.01	61.67 5.20 0.00	56.94 3.97 -0.01	49.52 3.67 -0.01	43.58 3.78 -0.01
ASTORIA_GT_1 23523	42.30 2.58 -0.01	37.77 2.07 -0.01	34.40 1.92 -0.01	32.15 2.05 -0.01	31.73 2.13 -0.01	36.60 2.17 -0.01	40.69 2.66 0.00	45.08 3.30 0.00	46.38 3.24 0.00	46.75 3.58 0.00	47.90 4.08 0.00	49.63 4.35 0.00	55.10 4.92 0.00	57.70 5.01 0.00	62.35 6.33 0.00	67.30 7.12 -3.71	74.79 7.12 -11.13	85.20 6.97 -21.58	82.14 6.47 -18.96	69.29 6.81 -0.01	61.84 5.37 0.00	57.05 4.08 -0.01	49.65 3.80 -0.01	43.66 3.86 -0.01
ASTORIA_GT_10 24110	42.09 2.38 0.00	37.55 1.86 0.00	34.19 1.72 0.00	32.00 1.90 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.50 2.47 0.00	44.83 3.05 0.00	46.38 3.24 0.00	46.71 3.54 0.00	47.60 3.77 0.00	49.31 4.03 0.00	54.65 4.47 0.00	57.38 4.69 0.00	61.90 5.88 0.00	66.83 6.66 -3.69	74.27 6.61 -11.12	84.63 6.40 -21.57	81.68 6.01 -18.95	68.72 6.25 0.00	61.39 4.91 0.00	56.62 3.65 0.00	49.28 3.44 0.00	43.38 3.58 0.00
ASTORIA_GT_11 24225	42.09 2.38 0.00	37.55 1.86 0.00	34.19 1.72 0.00	32.00 1.90 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.50 2.47 0.00	44.83 3.05 0.00	46.38 3.24 0.00	46.71 3.54 0.00	47.60 3.77 0.00	49.31 4.03 0.00	54.65 4.47 0.00	57.38 4.69 0.00	61.90 5.88 0.00	66.83 6.66 -3.69	74.27 6.61 -11.12	84.63 6.40 -21.57	81.68 6.01 -18.95	68.72 6.25 0.00	61.39 4.91 0.00	56.62 3.65 0.00	49.28 3.44 0.00	43.38 3.58 0.00
ASTORIA_GT_12 24226	42.09 2.38 0.00	37.55 1.86 0.00	34.19 1.72 0.00	32.00 1.90 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.50 2.47 0.00	44.83 3.05 0.00	46.38 3.24 0.00	46.71 3.54 0.00	47.60 3.77 0.00	49.31 4.03 0.00	54.65 4.47 0.00	57.38 4.69 0.00	61.90 5.88 0.00	66.83 6.66 -3.69	74.27 6.61 -11.12	84.63 6.40 -21.57	81.68 6.01 -18.95	68.72 6.25 0.00	61.39 4.91 0.00	56.62 3.65 0.00	49.28 3.44 0.00	43.38 3.58 0.00
ASTORIA_GT_13 24227	42.09 2.38 0.00	37.55 1.86 0.00	34.19 1.72 0.00	32.00 1.90 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.50 2.47 0.00	44.83 3.05 0.00	46.38 3.24 0.00	46.71 3.54 0.00	47.60 3.77 0.00	49.31 4.03 0.00	54.65 4.47 0.00	57.38 4.69 0.00	61.90 5.88 0.00	66.83 6.66 -3.69	74.27 6.61 -11.12	84.63 6.40 -21.57	81.68 6.01 -18.95	68.72 6.25 0.00	61.39 4.91 0.00	56.62 3.65 0.00	49.28 3.44 0.00	43.38 3.58 0.00
ASTORIA_GT_5 24106	42.30 2.58 -0.01	37.77 2.07 -0.01	34.40 1.92 -0.01	32.15 2.05 -0.01	31.73 2.13 -0.01	36.60 2.17 -0.01	40.69 2.66 0.00	45.08 3.30 0.00	46.38 3.24 0.00	46.75 3.58 0.00	47.90 4.08 0.00	49.63 4.35 0.00	55.10 4.92 0.00	57.70 5.01 0.00	62.35 6.33 0.00	67.30 7.12 -3.71	74.79 7.12 -11.13	85.20 6.97 -21.58	82.14 6.47 -18.96	69.29 6.81 -0.01	61.84 5.37 0.00	57.05 4.08 -0.01	49.65 3.80 -0.01	43.66 3.86 -0.01
ASTORIA_GT_7 24107	42.30 2.58 -0.01	37.77 2.07 -0.01	34.40 1.92 -0.01	32.15 2.05 -0.01	31.73 2.13 -0.01	36.60 2.17 -0.01	40.69 2.66 0.00	45.08 3.30 0.00	46.38 3.24 0.00	46.75 3.58 0.00	47.90 4.08 0.00	49.63 4.35 0.00	55.10 4.92 0.00	57.70 5.01 0.00	62.35 6.33 0.00	67.30 7.12 -3.71	74.79 7.12 -11.13	85.20 6.97 -21.58	82.14 6.47 -18.96	69.29 6.81 -0.01	61.84 5.37 0.00	57.05 4.08 -0.01	49.65 3.80 -0.01	43.66 3.86 -0.01
ASTORIA_GT_8 24108	42.30 2.58 -0.01	37.77 2.07 -0.01	34.40 1.92 -0.01	32.15 2.05 -0.01	31.73 2.13 -0.01	36.60 2.17 -0.01	40.69 2.66 0.00	45.08 3.30 0.00	46.38 3.24 0.00	46.75 3.58 0.00	47.90 4.08 0.00	49.63 4.35 0.00	55.10 4.92 0.00	57.70 5.01 0.00	62.35 6.33 0.00	67.30 7.12 -3.71	74.79 7.12 -11.13	85.20 6.97 -21.58	82.14 6.47 -18.96	69.29 6.81 -0.01	61.84 5.37 0.00	57.05 4.08 -0.01	49.65 3.80 -0.01	43.66 3.86 -0.01
ASTORIA___2 24149	42.22 2.50 -0.01	37.70 2.00 -0.01	34.33 1.85 -0.01	32.12 2.02 -0.01	31.70 2.10 -0.01	36.57 2.13 -0.01	40.62 2.59 0.00	44.95 3.17 0.00	46.28 3.15 0.01	46.66 3.50 0.00	47.77 3.95 0.00	49.49 4.21 0.00	55.00 4.82 0.00	57.59 4.90 0.00	61.95 5.94 0.00	67.13 6.94 -3.71	74.62 6.95 -11.13	85.03 6.80 -21.58	81.97 6.29 -18.96	69.10 6.62 -0.01	61.67 5.19 0.00	56.95 3.97 -0.01	49.56 3.71 -0.01	43.66 3.86 -0.01
ASTORIA___3 23516	42.09 2.38 0.00	37.59 1.89 0.00	34.19 1.72 0.00	32.00 1.90 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.50 2.47 0.00	44.82 3.05 0.00	46.38 3.24 0.00	46.71 3.54 0.00	47.60 3.77 0.00	49.26 3.99 0.00	54.64 4.46 0.00	57.38 4.69 0.00	61.67 5.66 0.00	66.82 6.66 -3.69	74.26 6.61 -11.12	84.63 6.40 -21.57	81.67 6.01 -18.95	68.72 6.25 0.00	61.39 4.91 0.00	56.67 3.71 0.00	49.28 3.44 0.00	43.45 3.66 0.00
ASTORIA___4 23517	42.09 2.38 0.00	37.55 1.86 0.00	34.19 1.72 0.00	32.00 1.90 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.50 2.47 0.00	44.83 3.05 0.00	46.38 3.24 0.00	46.71 3.54 0.00	47.60 3.77 0.00	49.31 4.03 0.00	54.65 4.47 0.00	57.38 4.69 0.00	61.90 5.88 0.00	66.83 6.66 -3.69	74.27 6.61 -11.12	84.63 6.40 -21.57	81.68 6.01 -18.95	68.72 6.25 0.00	61.39 4.91 0.00	56.62 3.65 0.00	49.28 3.44 0.00	43.38 3.58 0.00
ASTORIA___5 23518	42.09 2.38 0.00	37.59 1.89 0.00	34.19 1.72 0.00	32.00 1.90 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.50 2.47 0.00	44.82 3.05 0.00	46.38 3.24 0.00	46.71 3.54 0.00	47.60 3.77 0.00	49.26 3.99 0.00	54.64 4.46 0.00	57.38 4.69 0.00	61.67 5.66 0.00	66.82 6.66 -3.69	74.26 6.61 -11.12	84.63 6.40 -21.57	81.67 6.01 -18.95	68.72 6.25 0.00	61.39 4.91 0.00	56.67 3.71 0.00	49.28 3.44 0.00	43.45 3.66 0.00
AST_ENERGY_2_CC3 323677	34.07 2.26 7.90	34.07 1.75 3.37	34.07 1.62 0.03	31.87 1.78 0.00	31.49 1.90 0.00	34.07 1.89 2.24	34.07 2.40 6.36	34.07 2.97 10.67	34.07 3.28 12.35	34.07 3.54 12.64	41.81 3.68 5.70	41.81 3.94 7.41	41.81 4.36 12.73	41.81 4.69 15.57	44.32 5.66 17.35	49.54 6.55 13.48	57.07 6.67 6.13	67.81 6.51 -4.64	63.86 6.18 -0.97	51.90 6.44 17.01	45.13 5.02 16.37	41.81 3.76 14.92	41.81 3.39 7.42	41.81 3.50 1.49
AST_ENERGY_2_CC4 323678	34.07 2.26 7.90	34.07 1.75 3.37	34.07 1.62 0.03	31.87 1.78 0.00	31.49 1.90 0.00	34.07 1.89 2.24	34.07 2.40 6.36	34.07 2.97 10.67	34.07 3.28 12.35	34.07 3.54 12.64	41.81 3.68 5.70	41.81 3.94 7.41	41.81 4.36 12.73	41.81 4.69 15.57	44.32 5.66 17.35	49.54 6.55 13.48	57.07 6.67 6.13	67.81 6.51 -4.64	63.86 6.18 -0.97	51.90 6.44 17.01	45.13 5.02 16.37	41.81 3.76 14.92	41.81 3.39 7.42	41.81 3.50 1.49

ATHENS_STG_1 23668	40.82 1.11 0.00	36.52 0.82 0.00	33.35 0.88 0.00	31.18 1.08 0.00	30.66 1.06 0.00	35.42 1.00 0.00	39.25 1.22 0.00	43.28 1.50 0.00	44.78 1.64 0.00	44.90 1.73 0.00	45.58 1.75 0.00	47.18 1.90 0.00	52.29 2.11 0.00	55.01 2.32 0.00	58.71 2.69 0.00	63.56 3.22 -3.87	71.50 3.28 -11.69	82.54 3.23 -22.66	79.79 3.17 -19.91	65.91 3.43 0.00	59.13 2.65 0.00	54.87 1.90 0.00	47.58 1.74 0.00	41.54 1.75 0.00
ATHENS_STG_2 23670	40.82 1.11 0.00	36.52 0.82 0.00	33.35 0.88 0.00	31.18 1.08 0.00	30.66 1.06 0.00	35.42 1.00 0.00	39.25 1.22 0.00	43.28 1.50 0.00	44.78 1.64 0.00	44.90 1.73 0.00	45.58 1.75 0.00	47.18 1.90 0.00	52.29 2.11 0.00	55.01 2.32 0.00	58.71 2.69 0.00	63.56 3.22 -3.87	71.50 3.28 -11.69	82.54 3.23 -22.66	79.79 3.17 -19.91	65.91 3.43 0.00	59.13 2.65 0.00	54.87 1.90 0.00	47.58 1.74 0.00	41.54 1.75 0.00
ATHENS_STG_3 23677	40.82 1.11 0.00	36.52 0.82 0.00	33.35 0.88 0.00	31.18 1.08 0.00	30.66 1.06 0.00	35.42 1.00 0.00	39.25 1.22 0.00	43.28 1.50 0.00	44.78 1.64 0.00	44.90 1.73 0.00	45.58 1.75 0.00	47.18 1.90 0.00	52.29 2.11 0.00	55.01 2.32 0.00	58.71 2.69 0.00	63.56 3.22 -3.87	71.50 3.28 -11.69	82.54 3.23 -22.66	79.79 3.17 -19.91	65.91 3.43 0.00	59.13 2.65 0.00	54.87 1.90 0.00	47.58 1.74 0.00	41.54 1.75 0.00
AUBURN___LFGE 323710	39.59 -0.12 0.00	35.62 -0.07 0.00	32.34 -0.13 0.00	30.07 -0.03 0.00	29.53 -0.06 0.00	34.32 -0.10 0.00	38.11 0.08 0.00	41.86 0.08 0.00	43.19 0.04 0.00	43.30 0.13 0.00	43.96 0.13 0.00	45.46 0.18 0.00	50.33 0.15 0.00	52.80 0.11 0.00	56.30 0.28 0.00	57.42 0.45 -0.49	58.58 0.57 -1.49	60.33 0.79 -2.88	60.15 0.91 -2.53	63.66 1.19 0.00	57.49 1.02 0.00	53.60 0.64 0.00	46.16 0.32 0.00	40.15 0.36 0.00
BABYLON_RES_REC 323704	42.59 2.66 -0.22	37.85 2.14 -0.01	34.39 1.92 0.00	32.30 2.20 -0.01	31.88 2.28 -0.01	36.59 2.17 0.00	40.92 2.89 0.00	45.24 3.47 0.00	46.72 3.58 0.00	47.27 4.10 0.00	47.02 3.20 0.00	48.45 3.17 0.00	54.40 4.22 0.00	61.22 4.58 -3.94	65.02 5.94 -3.07	72.85 6.49 -9.89	77.47 6.55 -14.38	90.21 6.40 -27.15	84.99 6.29 -21.98	71.43 6.62 -2.34	64.93 5.42 -3.03	56.99 4.02 0.00	50.95 3.71 -1.40	44.09 4.30 0.00
BALL_HILL_WT_PWR 323825	38.12 -1.59 0.00	34.02 -1.68 0.00	30.53 -1.95 0.00	28.47 -1.63 0.00	27.87 -1.72 0.00	32.12 -2.31 0.00	34.91 -2.77 0.35	32.24 -3.01 6.53	39.30 -3.84 0.00	39.59 -3.58 0.00	40.32 -3.51 0.00	41.65 -3.62 0.00	46.12 -4.06 0.00	48.53 -5.21 0.00	50.81 -4.91 0.00	52.19 -4.24 -0.63	54.20 -3.34 -1.91	57.01 -3.34 -3.70	56.90 -3.06 -3.25	59.79 -2.68 0.00	54.44 -2.03 0.00	50.37 -2.59 0.00	44.10 -1.74 0.00	38.92 -0.88 0.00
BARON_WINDS___WT_PWR 323822	38.72 -0.99 0.00	34.59 -1.11 0.00	31.08 -1.40 0.00	28.92 -1.17 0.00	28.38 -1.21 0.00	32.74 -1.69 0.00	33.81 -1.79 2.44	-6.00 -1.80 45.98	40.38 -2.76 0.00	40.49 -2.68 0.00	41.07 -2.76 0.00	42.43 -2.85 0.00	46.92 -3.26 0.00	49.43 -3.27 0.00	52.21 -3.81 0.00	53.80 -3.56 -0.88	56.14 -3.05 -2.67	59.33 -2.49 -5.17	59.10 -2.16 -4.54	60.97 -1.50 0.00	55.40 -1.07 0.00	51.48 -1.48 0.00	44.79 -1.05 0.00	39.24 -0.56 0.00
BARRETT_IC_1 23704	42.17 2.26 -0.20	37.67 1.96 -0.02	34.29 1.82 0.00	32.16 2.05 -0.01	31.73 2.13 -0.01	36.49 2.07 0.00	40.73 2.70 0.00	44.99 3.22 0.00	46.51 3.37 0.00	47.02 3.84 -0.01	46.90 3.07 -0.01	48.80 3.44 -0.08	54.73 4.46 -0.09	105.50 5.17 -47.64	99.61 6.44 -37.15	141.86 6.89 -78.49	113.98 6.95 -50.49	152.44 6.74 -89.04	118.92 6.63 -55.57	97.93 7.12 -28.34	98.98 5.82 -36.69	57.29 4.24 -0.09	104.90 4.04 -55.02	43.86 3.98 -0.09
BARRETT_IC_10 23701	42.17 2.26 -0.20	37.67 1.96 -0.02	34.29 1.82 0.00	32.16 2.05 -0.01	31.73 2.13 -0.01	36.49 2.07 0.00	40.73 2.70 0.00	44.99 3.22 0.00	46.51 3.37 0.00	47.02 3.84 -0.01	46.90 3.07 -0.01	48.80 3.44 -0.08	54.67 4.46 -0.02	72.40 5.17 -14.54	73.80 6.44 -11.34	89.90 6.89 -26.54	86.63 6.95 -23.14	105.57 6.74 -42.17	93.48 6.63 -30.13	78.24 7.12 -8.65	73.49 5.82 -11.20	57.22 4.24 -0.02	104.90 4.04 -55.02	43.86 3.98 -0.09
BARRETT_IC_11 23702	42.17 2.26 -0.20	37.67 1.96 -0.02	34.29 1.82 0.00	32.16 2.05 -0.01	31.73 2.13 -0.01	36.49 2.07 0.00	40.73 2.70 0.00	44.99 3.22 0.00	46.51 3.37 0.00	47.02 3.84 -0.01	46.90 3.07 -0.01	48.80 3.44 -0.08	54.67 4.46 -0.02	72.40 5.17 -14.54	73.80 6.44 -11.34	89.90 6.89 -26.54	86.63 6.95 -23.14	105.57 6.74 -42.17	93.48 6.63 -30.13	78.24 7.12 -8.65	73.49 5.82 -11.20	57.22 4.24 -0.02	104.90 4.04 -55.02	43.86 3.98 -0.09
BARRETT_IC_12 23703	42.17 2.26 -0.20	37.67 1.96 -0.02	34.29 1.82 0.00	32.16 2.05 -0.01	31.73 2.13 -0.01	36.49 2.07 0.00	40.73 2.70 0.00	44.99 3.22 0.00	46.51 3.37 0.00	47.02 3.84 -0.01	46.90 3.07 -0.01	48.80 3.44 -0.08	54.67 4.46 -0.02	72.40 5.17 -14.54	73.80 6.44 -11.34	89.90 6.89 -26.54	86.63 6.95 -23.14	105.57 6.74 -42.17	93.48 6.63 -30.13	78.24 7.12 -8.65	73.49 5.82 -11.20	57.22 4.24 -0.02	104.90 4.04 -55.02	43.86 3.98 -0.09
BARRETT_IC_2 23705	42.17 2.26 -0.20	37.67 1.96 -0.02	34.29 1.82 0.00	32.16 2.05 -0.01	31.73 2.13 -0.01	36.49 2.07 0.00	40.73 2.70 0.00	44.99 3.22 0.00	46.51 3.37 0.00	47.02 3.84 -0.01	46.90 3.07 -0.01	48.80 3.44 -0.08	54.73 4.46 -0.09	105.50 5.17 -47.64	99.61 6.44 -37.15	141.86 6.89 -78.49	113.98 6.95 -50.49	152.44 6.74 -89.04	118.92 6.63 -55.57	97.93 7.12 -28.34	98.98 5.82 -36.69	57.29 4.24 -0.09	104.90 4.04 -55.02	43.86 3.98 -0.09
BARRETT_IC_3 23706	42.17 2.26 -0.20	37.67 1.96 -0.02	34.29 1.82 0.00	32.16 2.05 -0.01	31.73 2.13 -0.01	36.49 2.07 0.00	40.73 2.70 0.00	44.99 3.22 0.00	46.51 3.37 0.00	47.02 3.84 -0.01	46.90 3.07 -0.01	48.80 3.44 -0.08	54.73 4.46 -0.09	105.50 5.17 -47.64	99.61 6.44 -37.15	141.86 6.89 -78.49	113.98 6.95 -50.49	152.44 6.74 -89.04	118.92 6.63 -55.57	97.93 7.12 -28.34	98.98 5.82 -36.69	57.29 4.24 -0.09	104.90 4.04 -55.02	43.86 3.98 -0.09
BARRETT_IC_4 23707	42.17 2.26 -0.20	37.67 1.96 -0.02	34.29 1.82 0.00	32.16 2.05 -0.01	31.73 2.13 -0.01	36.49 2.07 0.00	40.73 2.70 0.00	44.99 3.22 0.00	46.51 3.37 0.00	47.02 3.84 -0.01	46.90 3.07 -0.01	48.80 3.44 -0.08	54.73 4.46 -0.09	105.50 5.17 -47.64	99.61 6.44 -37.15	141.86 6.89 -78.49	113.98 6.95 -50.49	152.44 6.74 -89.04	118.92 6.63 -55.57	97.93 7.12 -28.34	98.98 5.82 -36.69	57.29 4.24 -0.09	104.90 4.04 -55.02	43.86 3.98 -0.09
BARRETT_IC_5 23708	42.17 2.26 -0.20	37.67 1.96 -0.02	34.29 1.82 0.00	32.16 2.05 -0.01	31.73 2.13 -0.01	36.49 2.07 0.00	40.73 2.70 0.00	44.99 3.22 0.00	46.51 3.37 0.00	47.02 3.84 -0.01	46.90 3.07 -0.01	48.80 3.44 -0.08	54.73 4.46 -0.09	105.50 5.17 -47.64	99.61 6.44 -37.15	141.86 6.89 -78.49	113.98 6.95 -50.49	152.44 6.74 -89.04	118.92 6.63 -55.57	97.93 7.12 -28.34	98.98 5.82 -36.69	57.29 4.24 -0.09	104.90 4.04 -55.02	43.86 3.98 -0.09

BARRETT_IC_6 23709	42.17 2.26 -0.20	37.67 1.96 -0.02	34.29 1.82 0.00	32.16 2.05 -0.01	31.73 2.13 -0.01	36.49 2.07 0.00	40.73 2.70 0.00	44.99 3.22 0.00	46.51 3.37 0.00	47.02 3.84 -0.01	46.90 3.07 -0.01	48.80 3.44 -0.08	54.73 4.46 -0.09	105.50 5.17 -47.64	99.61 6.44 -37.15	141.86 6.89 -78.49	113.98 6.95 -50.49	152.44 6.74 -89.04	118.92 6.63 -55.57	97.93 7.12 -28.34	98.98 5.82 -36.69	57.29 4.24 -0.09	104.90 4.04 -55.02	43.86 3.98 -0.09
BARRETT_IC_7 23710	42.17 2.26 -0.20	37.67 1.96 -0.01	34.29 1.82 0.00	32.15 2.05 -0.01	31.73 2.13 -0.01	36.49 2.07 0.00	40.73 2.70 0.00	44.99 3.22 0.00	46.42 3.28 0.00	46.88 3.71 0.00	46.89 3.07 0.00	48.80 3.44 -0.08	54.73 4.47 -0.09	105.50 5.16 -47.64	99.39 6.22 -37.15	141.63 6.66 -78.49	113.98 6.95 -50.49	152.61 6.91 -89.04	118.98 6.69 -55.57	97.94 7.12 -28.34	98.98 5.82 -36.69	57.34 4.29 -0.09	104.85 3.99 -55.02	43.82 3.94 -0.09
BARRETT_IC_8 23711	42.17 2.26 -0.20	37.67 1.96 -0.02	34.29 1.82 0.00	32.16 2.05 -0.01	31.73 2.13 -0.01	36.49 2.07 0.00	40.73 2.70 0.00	44.99 3.22 0.00	46.51 3.37 0.00	47.02 3.84 -0.01	46.90 3.07 -0.01	48.80 3.44 -0.08	54.73 4.46 -0.09	105.50 5.17 -47.64	99.61 6.44 -37.15	141.86 6.89 -78.49	113.98 6.95 -50.49	152.44 6.74 -89.04	118.92 6.63 -55.57	97.93 7.12 -28.34	98.98 5.82 -36.69	57.29 4.24 -0.09	104.90 4.04 -55.02	43.86 3.98 -0.09
BARRETT_IC_9 23700	42.17 2.26 -0.20	37.67 1.96 -0.02	34.29 1.82 0.00	32.16 2.05 -0.01	31.73 2.13 -0.01	36.49 2.07 0.00	40.73 2.70 0.00	44.99 3.22 0.00	46.51 3.37 0.00	47.02 3.84 -0.01	46.90 3.07 -0.01	48.80 3.44 -0.08	54.67 4.46 -0.02	72.40 5.17 -14.54	73.80 6.44 -11.34	89.90 6.89 -26.54	86.63 6.95 -23.14	105.57 6.74 -42.17	93.48 6.63 -30.13	78.24 7.12 -8.65	73.49 5.82 -11.20	57.22 4.24 -0.02	104.90 4.04 -55.02	43.86 3.98 -0.09
BARRETT___1 23545	42.17 2.26 -0.20	37.67 1.96 -0.02	34.29 1.82 0.00	32.16 2.05 -0.01	31.73 2.13 -0.01	36.49 2.07 0.00	40.73 2.70 0.00	44.99 3.22 0.00	46.51 3.37 0.00	47.02 3.84 -0.01	46.90 3.07 -0.01	48.80 3.44 -0.08	54.73 4.46 -0.09	105.50 5.17 -47.64	99.61 6.44 -37.15	141.86 6.89 -78.49	113.98 6.95 -50.49	152.44 6.74 -89.04	118.92 6.63 -55.57	97.93 7.12 -28.34	98.98 5.82 -36.69	57.29 4.24 -0.09	104.90 4.04 -55.02	43.86 3.98 -0.09
BARRETT___2 23546	42.17 2.26 -0.20	37.67 1.96 -0.02	34.29 1.82 0.00	32.16 2.05 -0.01	31.73 2.13 -0.01	36.49 2.07 0.00	40.73 2.70 0.00	44.99 3.22 0.00	46.51 3.37 0.00	47.02 3.84 -0.01	46.90 3.07 -0.01	48.80 3.44 -0.08	54.67 4.46 -0.02	72.40 5.17 -14.54	73.80 6.44 -11.34	89.90 6.89 -26.54	86.63 6.95 -23.14	105.57 6.74 -42.17	93.48 6.63 -30.13	78.24 7.12 -8.65	73.49 5.82 -11.20	57.22 4.24 -0.02	104.90 4.04 -55.02	43.86 3.98 -0.09
BATAVIA___115KV_TB1 55881	39.43 -0.28 0.00	35.20 -0.50 0.00	31.63 -0.84 0.00	29.53 -0.57 0.00	28.91 -0.68 0.00	33.39 -1.03 0.00	36.52 -1.29 0.21	36.54 -1.21 4.02	41.07 -2.07 0.00	41.23 -1.94 0.00	41.94 -1.88 0.00	43.29 -1.99 0.00	47.92 -2.26 0.00	50.16 -2.53 0.00	53.39 -2.63 0.00	54.65 -2.37 -0.54	56.08 -2.09 -1.64	58.82 -1.02 -3.18	58.77 -0.74 -2.80	61.97 -0.50 0.00	56.42 -0.06 0.00	52.28 -0.69 0.00	45.38 -0.46 0.00	39.95 0.16 0.00
BAYONEEC___CTG1 323682	42.01 2.30 0.00	37.48 1.78 0.00	34.10 1.62 0.00	31.90 1.81 0.00	31.49 1.90 0.00	36.35 1.93 0.00	40.47 2.44 0.00	44.82 3.05 0.00	46.51 3.37 0.00	46.80 3.63 0.00	47.60 3.77 0.00	49.26 3.99 0.00	54.60 4.42 0.00	57.38 4.69 0.00	61.67 5.66 0.00	66.79 6.60 -3.71	74.33 6.67 -11.13	84.74 6.51 -21.57	81.85 6.18 -18.95	68.97 6.50 0.00	61.56 5.08 0.00	56.78 3.82 0.00	49.28 3.44 0.00	43.33 3.54 0.00
BAYONEEC___CTG10 323750	42.01 2.30 0.00	37.48 1.78 0.00	34.10 1.62 0.00	31.90 1.81 0.00	31.49 1.90 0.00	36.35 1.93 0.00	40.47 2.44 0.00	44.82 3.05 0.00	46.51 3.37 0.00	46.80 3.63 0.00	47.60 3.77 0.00	49.26 3.99 0.00	54.60 4.42 0.00	57.38 4.69 0.00	61.67 5.66 0.00	66.79 6.60 -3.71	74.33 6.67 -11.13	84.74 6.51 -21.57	81.85 6.18 -18.95	68.97 6.50 0.00	61.56 5.08 0.00	56.78 3.82 0.00	49.28 3.44 0.00	43.33 3.54 0.00
BAYONEEC___CTG2 323683	42.01 2.30 0.00	37.48 1.78 0.00	34.10 1.62 0.00	31.90 1.81 0.00	31.49 1.90 0.00	36.35 1.93 0.00	40.47 2.44 0.00	44.82 3.05 0.00	46.51 3.37 0.00	46.80 3.63 0.00	47.60 3.77 0.00	49.26 3.99 0.00	54.60 4.42 0.00	57.38 4.69 0.00	61.67 5.66 0.00	66.79 6.60 -3.71	74.33 6.67 -11.13	84.74 6.51 -21.57	81.85 6.18 -18.95	68.97 6.50 0.00	61.56 5.08 0.00	56.78 3.82 0.00	49.28 3.44 0.00	43.33 3.54 0.00
BAYONEEC___CTG3 323684	42.01 2.30 0.00	37.48 1.78 0.00	34.10 1.62 0.00	31.90 1.81 0.00	31.49 1.90 0.00	36.35 1.93 0.00	40.47 2.44 0.00	44.82 3.05 0.00	46.51 3.37 0.00	46.80 3.63 0.00	47.60 3.77 0.00	49.26 3.99 0.00	54.60 4.42 0.00	57.38 4.69 0.00	61.67 5.66 0.00	66.79 6.60 -3.71	74.33 6.67 -11.13	84.74 6.51 -21.57	81.85 6.18 -18.95	68.97 6.50 0.00	61.56 5.08 0.00	56.78 3.82 0.00	49.28 3.44 0.00	43.33 3.54 0.00
BAYONEEC___CTG4 323685	42.01 2.30 0.00	37.48 1.78 0.00	34.10 1.62 0.00	31.90 1.81 0.00	31.49 1.90 0.00	36.35 1.93 0.00	40.47 2.44 0.00	44.82 3.05 0.00	46.51 3.37 0.00	46.80 3.63 0.00	47.60 3.77 0.00	49.26 3.99 0.00	54.60 4.42 0.00	57.38 4.69 0.00	61.67 5.66 0.00	66.79 6.60 -3.71	74.33 6.67 -11.13	84.74 6.51 -21.57	81.85 6.18 -18.95	68.97 6.50 0.00	61.56 5.08 0.00	56.78 3.82 0.00	49.28 3.44 0.00	43.33 3.54 0.00
BAYONEEC___CTG5 323686	42.01 2.30 0.00	37.48 1.78 0.00	34.10 1.62 0.00	31.90 1.81 0.00	31.49 1.90 0.00	36.35 1.93 0.00	40.47 2.44 0.00	44.82 3.05 0.00	46.51 3.37 0.00	46.80 3.63 0.00	47.60 3.77 0.00	49.26 3.99 0.00	54.60 4.42 0.00	57.38 4.69 0.00	61.67 5.66 0.00	66.79 6.60 -3.71	74.33 6.67 -11.13	84.74 6.51 -21.57	81.85 6.18 -18.95	68.97 6.50 0.00	61.56 5.08 0.00	56.78 3.82 0.00	49.28 3.44 0.00	43.33 3.54 0.00
BAYONEEC___CTG6 323687	42.01 2.30 0.00	37.48 1.78 0.00	34.10 1.62 0.00	31.90 1.81 0.00	31.49 1.90 0.00	36.35 1.93 0.00	40.47 2.44 0.00	44.82 3.05 0.00	46.51 3.37 0.00	46.80 3.63 0.00	47.60 3.77 0.00	49.26 3.99 0.00	54.60 4.42 0.00	57.38 4.69 0.00	61.67 5.66 0.00	66.79 6.60 -3.71	74.33 6.67 -11.13	84.74 6.51 -21.57	81.85 6.18 -18.95	68.97 6.50 0.00	61.56 5.08 0.00	56.78 3.82 0.00	49.28 3.44 0.00	43.33 3.54 0.00
BAYONEEC___CTG7 323688	42.01 2.30 0.00	37.48 1.78 0.00	34.10 1.62 0.00	31.90 1.81 0.00	31.49 1.90 0.00	36.35 1.93 0.00	40.47 2.44 0.00	44.82 3.05 0.00	46.51 3.37 0.00	46.80 3.63 0.00	47.60 3.77 0.00	49.26 3.99 0.00	54.60 4.42 0.00	57.38 4.69 0.00	61.67 5.66 0.00	66.79 6.60 -3.71	74.33 6.67 -11.13	84.74 6.51 -21.57	81.85 6.18 -18.95	68.97 6.50 0.00	61.56 5.08 0.00	56.78 3.82 0.00	49.28 3.44 0.00	43.33 3.54 0.00

BAYONEEC___CTG8 323689	42.01 2.30 0.00	37.48 1.78 0.00	34.10 1.62 0.00	31.90 1.81 0.00	31.49 1.90 0.00	36.35 1.93 0.00	40.47 2.44 0.00	44.82 3.05 0.00	46.51 3.37 0.00	46.80 3.63 0.00	47.60 3.77 0.00	49.26 3.99 0.00	54.60 4.42 0.00	57.38 4.69 0.00	61.67 5.66 0.00	66.79 6.60 -3.71	74.33 6.67 -11.13	84.74 6.51 -21.57	81.85 6.18 -18.95	68.97 6.50 0.00	61.56 5.08 0.00	56.78 3.82 0.00	49.28 3.44 0.00	43.33 3.54 0.00
BAYONEEC___CTG9 323749	42.01 2.30 0.00	37.48 1.78 0.00	34.10 1.62 0.00	31.90 1.81 0.00	31.49 1.90 0.00	36.35 1.93 0.00	40.47 2.44 0.00	44.82 3.05 0.00	46.51 3.37 0.00	46.80 3.63 0.00	47.60 3.77 0.00	49.26 3.99 0.00	54.60 4.42 0.00	57.38 4.69 0.00	61.67 5.66 0.00	66.79 6.60 -3.71	74.33 6.67 -11.13	84.74 6.51 -21.57	81.85 6.18 -18.95	68.97 6.50 0.00	61.56 5.08 0.00	56.78 3.82 0.00	49.28 3.44 0.00	43.33 3.54 0.00
BEACON___LESR 323632	40.78 1.07 0.00	36.48 0.78 0.00	33.38 0.91 0.00	31.12 1.02 0.00	30.57 0.98 0.00	35.42 1.00 0.00	39.21 1.18 0.00	43.11 1.34 0.00	44.61 1.47 0.00	44.59 1.42 0.00	45.27 1.44 0.00	46.91 1.63 0.00	52.04 1.86 0.00	54.75 2.05 0.00	58.03 2.01 0.00	63.02 2.37 -4.17	71.59 2.37 -12.69	83.74 2.49 -24.59	80.88 2.55 -21.61	65.22 2.75 0.00	58.62 2.15 0.00	54.61 1.64 0.00	47.22 1.37 0.00	41.07 1.27 0.00
BEAVER RIVER___HYD 24048	40.94 1.23 0.00	36.80 1.11 0.00	33.32 0.84 0.00	30.76 0.66 0.00	29.98 0.38 0.00	35.08 0.65 0.00	38.72 0.69 0.00	42.61 0.84 0.00	43.75 0.60 0.00	43.60 0.43 0.00	44.26 0.44 0.00	45.51 0.23 0.00	50.38 0.20 0.00	52.69 0.00 0.00	56.19 0.17 0.00	56.68 0.06 -0.15	57.16 0.17 -0.46	57.66 0.11 -0.89	57.78 0.28 -0.78	63.23 0.75 0.00	57.38 0.90 0.00	53.81 0.84 0.00	46.71 0.87 0.00	40.23 0.44 0.00
BEEBEE_GT_13 23619	39.11 -0.60 0.00	35.09 -0.61 0.00	31.66 -0.81 0.00	29.44 -0.66 0.00	28.85 -0.74 0.00	33.42 -1.00 0.00	36.85 -1.18 0.00	40.48 -1.30 0.00	41.55 -1.60 0.00	41.70 -1.47 0.00	42.47 -1.36 0.00	43.87 -1.40 0.00	48.57 -1.61 0.00	50.90 -1.79 0.00	54.23 -1.79 0.00	55.53 -1.41 -0.47	56.71 -1.24 -1.43	58.86 -0.57 -2.76	58.69 -0.45 -2.43	61.91 -0.56 0.00	56.19 -0.28 0.00	52.22 -0.74 0.00	45.15 -0.69 0.00	39.63 -0.16 0.00
BENSHRST_27_KV_BENSHRST_1 355998	42.57 2.86 0.00	37.94 2.25 0.00	34.52 2.05 0.00	32.24 2.14 0.00	31.81 2.22 0.00	36.63 2.20 0.00	40.73 2.70 0.00	45.16 3.38 0.00	46.68 3.54 0.00	47.05 3.89 0.00	47.99 4.16 0.00	49.76 4.48 0.00	55.25 5.07 0.00	58.12 5.43 0.00	62.69 6.67 -0.01	67.67 7.45 -3.74	75.08 7.41 -11.14	85.42 7.20 -21.57	82.53 6.86 -18.95	69.60 7.12 0.00	62.18 5.70 0.00	57.31 4.34 0.00	49.88 4.03 0.00	43.90 4.10 -0.01
BETHLEHEM___GRP 23843	40.14 0.44 0.00	35.95 0.25 0.00	32.96 0.49 0.00	30.73 0.63 0.00	30.21 0.62 0.00	34.94 0.52 0.00	38.68 0.65 0.00	42.44 0.67 0.00	43.92 0.78 0.00	43.95 0.78 0.00	44.62 0.79 0.00	46.18 0.91 0.00	51.23 1.05 0.00	53.90 1.21 0.00	57.25 1.23 0.00	62.12 1.47 -4.17	70.75 1.53 -12.69	82.85 1.59 -24.61	79.92 1.59 -21.62	64.16 1.69 0.00	57.66 1.19 0.00	53.71 0.74 0.00	46.48 0.64 0.00	40.47 0.68 0.00
BETHLEHEM___GS1 323560	40.15 0.44 0.00	35.95 0.25 0.00	32.96 0.49 0.00	30.73 0.63 0.00	30.21 0.62 0.00	34.94 0.52 0.00	38.68 0.65 0.00	42.44 0.67 0.00	43.92 0.78 0.00	43.95 0.78 0.00	44.62 0.79 0.00	46.18 0.91 0.00	51.24 1.06 0.00	53.85 1.16 0.00	57.20 1.18 0.00	62.11 1.47 -4.17	70.75 1.53 -12.69	82.85 1.58 -24.61	79.92 1.59 -21.62	64.16 1.69 0.00	57.66 1.19 0.00	53.71 0.74 0.00	46.48 0.64 0.00	40.47 0.68 0.00
BETHLEHEM___GS2 323561	40.15 0.44 0.00	35.95 0.25 0.00	32.96 0.49 0.00	30.73 0.63 0.00	30.21 0.62 0.00	34.94 0.52 0.00	38.68 0.65 0.00	42.44 0.67 0.00	43.92 0.78 0.00	43.95 0.78 0.00	44.62 0.79 0.00	46.18 0.91 0.00	51.24 1.06 0.00	53.85 1.16 0.00	57.20 1.18 0.00	62.11 1.47 -4.17	70.75 1.53 -12.69	82.85 1.58 -24.61	79.92 1.59 -21.62	64.16 1.69 0.00	57.66 1.19 0.00	53.71 0.74 0.00	46.48 0.64 0.00	40.47 0.68 0.00
BETHLEHEM___GS3 323562	40.15 0.44 0.00	35.95 0.25 0.00	32.96 0.49 0.00	30.73 0.63 0.00	30.21 0.62 0.00	34.94 0.52 0.00	38.68 0.65 0.00	42.44 0.67 0.00	43.92 0.78 0.00	43.95 0.78 0.00	44.62 0.79 0.00	46.18 0.91 0.00	51.24 1.06 0.00	53.85 1.16 0.00	57.20 1.18 0.00	62.11 1.47 -4.17	70.75 1.53 -12.69	82.85 1.58 -24.61	79.92 1.59 -21.62	64.16 1.69 0.00	57.66 1.19 0.00	53.71 0.74 0.00	46.48 0.64 0.00	40.47 0.68 0.00
BETHLEHEM___STEEL 23779	38.24 -1.47 0.00	34.16 -1.53 0.00	30.69 -1.79 0.00	28.59 -1.50 0.00	28.02 -1.57 0.00	32.25 -2.17 0.00	35.02 -2.62 0.39	31.60 -2.84 7.34	39.48 -3.67 0.00	39.72 -3.45 0.00	40.45 -3.37 0.00	41.75 -3.53 0.00	46.22 -3.96 0.00	48.42 -4.27 0.00	51.54 -4.48 0.00	52.42 -4.69 -0.64	54.22 -4.24 -1.93	57.05 -3.34 -3.73	56.93 -3.06 -3.28	59.73 -2.75 0.00	54.33 -2.15 0.00	50.32 -2.65 0.00	44.05 -1.79 0.00	38.84 -0.96 0.00
BETHLHEM_115KV_TB1 79974	40.22 0.52 0.00	36.02 0.32 0.00	32.99 0.52 0.00	30.79 0.69 0.00	30.24 0.65 0.00	35.01 0.59 0.00	38.75 0.72 0.00	42.57 0.79 0.00	44.01 0.86 0.00	44.03 0.86 0.00	44.70 0.88 0.00	46.32 1.04 0.00	51.33 1.15 0.00	54.01 1.32 0.00	57.42 1.40 0.00	62.28 1.64 -4.17	70.86 1.64 -12.69	82.95 1.70 -24.59	80.02 1.70 -21.61	64.29 1.81 0.00	57.83 1.36 0.00	53.81 0.85 0.00	46.58 0.73 0.00	40.59 0.80 0.00
BETHPAGE_CC_5 323564	42.36 2.42 -0.23	37.71 2.00 -0.01	34.26 1.78 0.00	32.18 2.08 -0.01	31.76 2.16 -0.01	36.49 2.07 0.00	40.77 2.74 0.00	44.99 3.22 0.00	46.51 3.37 0.00	47.06 3.89 0.00	46.89 3.07 0.00	48.72 3.44 0.00	54.65 4.46 0.00	62.61 5.06 -4.86	66.19 6.38 -3.79	74.70 6.89 -11.33	78.68 7.01 -15.14	91.91 6.80 -28.46	86.09 6.69 -22.69	72.42 7.06 -2.89	65.98 5.76 -3.74	57.21 4.24 0.00	52.82 3.85 -3.12	43.81 4.02 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.24 -1.47 0.00	34.16 -1.53 0.00	30.65 -1.82 0.00	28.59 -1.50 0.00	28.02 -1.57 0.00	32.25 -2.17 0.00	35.08 -2.59 0.37	32.12 -2.76 6.90	39.52 -3.62 0.00	39.80 -3.37 0.00	40.50 -3.33 0.00	41.84 -3.44 0.00	46.27 -3.91 0.00	48.53 -4.16 0.00	51.65 -4.37 0.00	52.43 -4.69 -0.64	54.24 -4.24 -1.95	57.10 -3.34 -3.78	56.97 -3.06 -3.32	59.91 -2.56 0.00	54.50 -1.98 0.00	50.48 -2.49 0.00	44.15 -1.70 0.00	38.88 -0.92 0.00
BINGHAMTON___COGEN 23790	39.71 0.00 0.00	35.62 -0.07 0.00	32.31 -0.16 0.00	30.13 0.03 0.00	29.62 0.03 0.00	34.29 -0.14 0.00	38.07 0.04 0.00	41.98 0.21 0.00	43.19 0.04 0.00	43.30 0.13 0.00	43.96 0.13 0.00	45.46 0.18 0.00	50.33 0.15 0.00	52.85 0.16 0.00	56.35 0.34 0.00	58.10 0.40 -1.23	60.77 0.51 -3.73	64.62 0.74 -7.23	63.86 0.79 -6.35	63.79 1.31 0.00	57.55 1.07 0.00	53.55 0.58 0.00	46.30 0.46 0.00	40.31 0.52 0.00

BIXINCNT_115KV_LOAD 355685	37.84 -1.87 0.00	33.73 -1.96 0.00	29.94 -2.53 0.00	27.93 -2.17 0.00	27.34 -2.25 0.00	31.50 -2.93 0.00	34.60 -3.19 0.24	33.99 -3.26 4.52	38.92 -4.23 0.00	39.11 -4.06 0.00	39.53 -4.29 0.00	40.80 -4.48 0.00	45.06 -5.12 0.00	47.21 -5.48 0.00	50.53 -5.49 0.00	51.23 -5.93 -0.68	53.11 -5.48 -2.06	56.24 -4.42 -4.00	56.32 -3.91 -3.52	59.66 -2.81 0.00	54.44 -2.03 0.00	50.42 -2.54 0.00	44.19 -1.65 0.00	38.80 -0.99 0.00
BLACK RIVER___HYD 24047	41.18 1.47 0.00	37.05 1.36 0.00	33.51 1.04 0.00	30.97 0.87 0.00	30.30 0.71 0.00	35.45 1.03 0.00	39.13 1.10 0.00	43.11 1.34 0.00	44.09 0.95 0.00	43.99 0.82 0.00	44.70 0.88 0.00	45.96 0.68 0.00	50.83 0.65 0.00	53.11 0.42 0.00	56.64 0.62 0.00	57.31 0.62 -0.21	57.89 0.73 -0.63	58.73 0.85 -1.22	58.86 1.07 -1.07	64.29 1.81 0.00	58.40 1.92 0.00	54.66 1.69 0.00	47.35 1.51 0.00	40.75 0.95 0.00
BLACKRVR_115KV_TB2 79977	41.18 1.47 0.00	37.05 1.36 0.00	33.51 1.04 0.00	30.97 0.87 0.00	30.30 0.71 0.00	35.46 1.03 0.00	39.13 1.10 0.00	43.11 1.34 0.00	44.09 0.95 0.00	43.99 0.82 0.00	44.70 0.88 0.00	45.96 0.68 0.00	50.83 0.65 0.00	53.11 0.42 0.00	56.69 0.67 0.00	57.30 0.62 -0.21	57.89 0.73 -0.63	58.72 0.85 -1.22	58.86 1.08 -1.07	64.29 1.81 0.00	58.40 1.92 0.00	54.66 1.69 0.00	47.35 1.51 0.00	40.75 0.96 0.00
BLDWN_LI_69_KV_BK4 356085	42.55 2.58 -0.26	37.89 2.18 -0.01	34.42 1.95 0.00	32.31 2.20 -0.01	31.88 2.28 -0.01	36.66 2.24 0.00	40.92 2.89 0.00	45.24 3.47 0.00	46.73 3.58 0.00	47.18 4.01 0.00	47.29 3.46 0.00	49.20 3.89 -0.02	55.22 5.02 -0.02	73.83 5.64 -15.50	74.78 6.67 -12.09	91.58 7.06 -28.04	87.87 7.41 -23.94	107.56 7.37 -43.53	94.73 7.15 -30.87	79.25 7.56 -9.22	74.74 6.33 -11.94	57.91 4.93 -0.02	67.35 4.40 -17.11	44.08 4.26 -0.02
BLISS_WT_PWR 323608	37.68 -2.02 0.00	33.56 -2.14 0.00	29.68 -2.79 0.00	27.69 -2.41 0.00	27.08 -2.52 0.00	31.22 -3.20 0.00	34.29 -3.50 0.24	33.70 -3.55 4.52	38.57 -4.57 0.00	38.72 -4.45 0.00	39.09 -4.73 0.00	40.34 -4.93 0.00	44.51 -5.67 0.00	46.84 -5.85 0.00	49.41 -6.61 0.00	50.61 -6.55 -0.68	52.66 -5.93 -2.06	55.85 -4.82 -4.00	55.98 -4.25 -3.52	59.41 -3.06 0.00	54.22 -2.26 0.00	50.21 -2.76 0.00	44.01 -1.84 0.00	38.64 -1.16 0.00
BLUESTONE___WT_PWR 323821	41.41 1.71 0.00	37.09 1.39 0.00	33.58 1.10 0.00	31.18 1.08 0.00	30.66 1.06 0.00	35.63 1.20 0.00	39.51 1.48 0.00	43.66 1.88 0.00	44.74 1.60 0.00	44.77 1.60 0.00	45.40 1.58 0.00	46.77 1.49 0.00	51.74 1.56 0.00	54.17 1.47 0.00	57.70 1.68 0.00	59.84 2.03 -1.34	62.79 2.20 -4.06	67.01 2.49 -7.87	66.35 2.72 -6.91	65.97 3.50 0.00	59.58 3.10 0.00	55.40 2.44 0.00	47.81 1.97 0.00	41.43 1.63 0.00
BLUE_CIRC_CHEM_DRP 24182	40.66 0.95 0.00	36.45 0.75 0.00	33.28 0.81 0.00	31.06 0.96 0.00	30.51 0.92 0.00	35.32 0.89 0.00	39.02 0.99 0.00	42.86 1.09 0.00	44.22 1.08 0.00	44.21 1.04 0.00	44.83 1.01 0.00	46.37 1.09 0.00	51.43 1.25 0.00	54.06 1.37 0.00	56.34 0.34 0.02	61.00 0.56 -3.96	68.68 0.62 -11.53	77.39 0.74 -20.00	75.36 0.79 -17.85	63.41 0.94 0.00	57.04 0.56 0.00	53.18 0.21 0.00	46.07 0.23 0.00	40.11 0.32 0.00
BOC_GAS_DRP 24189	40.42 0.71 0.00	36.23 0.54 0.00	33.12 0.65 0.00	30.88 0.78 0.00	30.36 0.77 0.00	35.11 0.69 0.00	38.87 0.84 0.00	42.78 1.00 0.00	44.22 1.08 0.00	44.29 1.12 0.00	44.97 1.14 0.00	46.55 1.27 0.00	51.59 1.41 0.00	54.22 1.53 0.00	57.64 1.62 0.00	62.57 1.92 -4.17	71.16 1.92 -12.70	83.41 1.98 -24.77	80.39 1.93 -21.74	64.60 2.12 0.00	58.06 1.58 0.00	54.02 1.06 0.00	46.80 0.96 0.00	40.79 0.99 0.00
BOONVILLE_115KV_TB1 79983	40.78 1.07 0.00	36.66 0.96 0.00	33.25 0.78 0.00	30.79 0.69 0.00	30.12 0.53 0.00	35.11 0.69 0.00	38.83 0.80 0.00	42.78 1.00 0.00	44.01 0.86 0.00	43.95 0.78 0.00	44.66 0.83 0.00	46.00 0.72 0.00	50.98 0.80 0.00	53.43 0.74 0.00	56.97 0.95 0.00	57.57 0.96 -0.13	58.01 1.07 -0.40	58.52 1.08 -0.78	58.59 1.19 -0.69	64.04 1.56 0.00	58.00 1.52 0.00	54.24 1.27 0.00	46.94 1.10 0.00	40.55 0.76 0.00
BORALEX_4TH_BRANCH 23824	41.69 1.99 0.00	37.27 1.57 0.00	34.16 1.69 0.00	31.91 1.81 0.00	31.37 1.78 0.00	36.18 1.76 0.00	40.12 2.09 0.00	44.24 2.46 0.00	45.78 2.63 0.00	45.67 2.50 0.00	46.41 2.59 0.00	48.00 2.72 0.00	53.19 3.01 0.00	55.91 3.21 0.00	59.72 3.70 0.00	64.51 3.90 -4.13	73.27 4.07 -12.67	85.70 4.48 -24.56	82.95 4.65 -21.58	67.53 5.06 0.00	60.66 4.18 0.00	56.35 3.39 0.00	48.78 2.93 0.00	42.54 2.75 0.00
BOWLINE___1 23526	41.65 1.95 0.00	37.19 1.50 0.00	33.84 1.36 0.00	31.69 1.59 0.00	31.28 1.69 0.00	36.08 1.65 0.00	40.12 2.09 0.00	44.37 2.59 0.00	45.95 2.80 0.00	46.19 3.02 0.00	46.89 3.07 0.00	48.58 3.30 0.00	53.84 3.66 0.00	56.69 4.00 0.00	60.72 4.71 0.00	65.70 5.59 -3.64	73.13 5.65 -10.94	83.43 5.56 -21.21	80.68 5.33 -18.64	68.16 5.68 0.00	60.94 4.46 0.00	56.25 3.28 0.00	48.73 2.89 0.00	42.74 2.94 0.00
BOWLINE___2 23595	41.65 1.95 0.00	37.19 1.50 0.00	33.87 1.40 0.00	31.69 1.59 0.00	31.28 1.69 0.00	36.08 1.65 0.00	40.12 2.09 0.00	44.32 2.55 0.00	45.91 2.76 0.00	46.15 2.98 0.00	46.81 2.98 0.00	48.49 3.22 0.00	53.74 3.56 0.00	56.59 3.90 0.00	60.67 4.65 0.00	65.59 5.48 -3.64	73.02 5.54 -10.94	83.37 5.49 -21.21	80.57 5.21 -18.64	68.03 5.56 0.00	60.82 4.35 0.00	56.14 3.18 0.00	48.69 2.84 0.00	42.70 2.90 0.00
BRADY___115KV_TB2 356060	40.78 1.07 0.00	36.70 1.00 0.00	33.19 0.71 0.00	30.46 0.36 0.00	29.95 0.36 0.00	35.15 0.72 0.00	38.56 0.53 0.00	42.40 0.63 0.00	43.70 0.56 0.00	43.56 0.39 0.00	44.18 0.35 0.00	45.37 0.09 0.00	50.33 0.15 0.00	52.74 0.05 0.00	55.85 -0.17 0.00	55.91 -0.56 0.00	56.02 -0.51 0.00	55.75 -0.91 0.00	55.86 -0.85 0.00	61.72 -0.75 0.00	56.19 -0.28 0.00	53.34 0.37 0.00	46.21 0.37 0.00	39.79 0.00 0.00
BRANSCOMB___SOLAR 323811	41.50 1.79 0.00	37.19 1.50 0.00	33.87 1.40 0.00	31.57 1.47 0.00	31.01 1.42 0.00	36.01 1.58 0.00	39.82 1.79 0.00	43.86 2.09 0.00	45.21 2.07 0.00	45.11 1.94 0.00	45.75 1.93 0.00	47.14 1.86 0.00	52.34 2.16 0.00	55.07 2.37 0.00	58.54 2.52 0.00	63.55 2.82 -4.25	72.37 2.88 -12.96	85.06 3.28 -25.12	82.30 3.52 -22.07	66.53 4.06 0.00	60.04 3.56 0.00	55.98 3.02 0.00	48.32 2.47 0.00	42.06 2.27 0.00
BRDGHMPT_69_KV_BK1 55812	43.32 3.41 -0.20	38.24 2.53 -0.01	34.58 2.11 0.00	32.55 2.44 -0.01	32.15 2.54 -0.01	36.76 2.34 0.00	41.11 3.08 0.00	45.49 3.72 0.00	47.11 3.97 0.00	47.87 4.71 0.00	47.68 3.86 0.00	49.67 4.39 0.00	56.00 5.82 0.00	61.23 6.80 -1.74	65.21 7.84 -1.35	71.77 8.87 -6.42	78.42 9.33 -12.56	89.86 9.18 -24.03	85.84 8.85 -20.28	72.69 9.18 -1.03	66.01 8.19 -1.34	59.16 6.20 0.00	49.12 4.95 1.67	44.60 4.82 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	42.89 2.98 -0.20	38.06 2.36 -0.01	34.58 2.11 0.00	32.52 2.41 -0.01	32.12 2.52 -0.01	36.80 2.38 0.00	41.15 3.12 0.00	45.49 3.72 0.00	46.85 3.71 0.00	47.36 4.19 0.00	47.11 3.29 0.00	48.85 3.58 0.00	54.98 4.77 -0.03	60.31 5.53 -2.08	63.89 6.27 -1.60	70.40 7.00 -6.92	76.34 6.95 -12.85	87.99 6.86 -24.47	83.87 6.64 -20.52	70.94 7.25 -1.22	64.32 6.27 -1.58	57.87 4.87 -0.03	48.82 4.17 1.20	44.17 4.38 0.00
BRISTLHL_115KV_TB1 79998	38.68 -1.03 0.00	34.91 -0.79 0.00	31.73 -0.75 0.00	29.47 -0.63 0.00	28.97 -0.62 0.00	33.63 -0.79 0.00	37.27 -0.76 0.00	40.81 -0.96 0.00	42.11 -1.04 0.00	42.18 -0.99 0.00	42.82 -1.01 0.00	44.28 -1.00 0.00	49.08 -1.10 0.00	51.43 -1.26 0.00	54.79 -1.23 0.00	55.72 -1.07 -0.31	56.41 -1.07 -0.95	57.59 -0.91 -1.84	57.48 -0.85 -1.61	61.60 -0.87 0.00	55.57 -0.90 0.00	51.91 -1.06 0.00	44.88 -0.96 0.00	39.04 -0.76 0.00
BROOKHAVEN___DRP 24191	42.41 2.50 -0.20	37.60 1.89 -0.01	34.10 1.62 0.00	32.09 1.99 -0.01	31.70 2.10 -0.01	36.28 1.86 0.00	40.62 2.59 0.00	44.83 3.05 0.00	46.21 3.06 0.00	46.75 3.58 0.00	46.54 2.72 0.00	48.40 3.12 0.00	54.44 4.27 0.00	59.37 4.95 -1.73	63.19 5.83 -1.34	69.55 6.66 -6.41	76.10 7.01 -12.55	87.64 6.97 -24.01	83.74 6.75 -20.27	70.62 7.12 -1.02	64.19 6.38 -1.34	57.68 4.71 0.00	48.10 3.94 1.69	43.73 3.94 0.00
BROOKLYN_NAVY_YARD 23515	41.97 2.26 0.00	37.44 1.75 0.00	34.10 1.62 0.00	31.87 1.78 0.00	31.46 1.87 0.00	36.35 1.93 0.00	40.43 2.40 0.00	44.79 3.01 0.00	46.51 3.37 0.00	46.80 3.63 0.00	47.60 3.77 0.00	49.31 4.03 0.00	54.64 4.46 0.00	57.49 4.79 0.00	61.84 5.83 0.00	66.95 6.77 -3.70	74.49 6.84 -11.13	84.96 6.74 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.73 5.25 0.00	56.83 3.86 0.00	49.32 3.48 0.00	43.30 3.50 0.00
BROOKLYN___ARMY_DRP 323595	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.84 3.67 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.30 6.27 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.03 6.80 -21.57	82.13 6.47 -18.95	69.16 6.68 0.00	61.78 5.31 0.00	56.99 4.03 0.00	49.60 3.76 0.00	43.70 3.90 -0.01
BROOME_2_LFGE 323671	39.71 0.00 0.00	35.62 -0.07 0.00	32.31 -0.16 0.00	30.13 0.03 0.00	29.62 0.03 0.00	34.29 -0.14 0.00	38.07 0.04 0.00	41.99 0.21 0.00	43.19 0.04 0.00	43.30 0.13 0.00	43.96 0.13 0.00	45.46 0.18 0.00	50.33 0.15 0.00	52.90 0.21 0.00	56.07 0.06 0.00	58.10 0.40 -1.23	60.77 0.51 -3.73	64.62 0.73 -7.23	63.86 0.79 -6.35	63.79 1.31 0.00	57.49 1.02 0.00	53.55 0.58 0.00	46.25 0.41 0.00	40.31 0.52 0.00
BROOME___LFGE 323600	39.71 0.00 0.00	35.62 -0.07 0.00	32.31 -0.16 0.00	30.13 0.03 0.00	29.62 0.03 0.00	34.29 -0.14 0.00	38.07 0.04 0.00	41.99 0.21 0.00	43.19 0.04 0.00	43.30 0.13 0.00	43.96 0.13 0.00	45.46 0.18 0.00	50.33 0.15 0.00	52.90 0.21 0.00	56.07 0.06 0.00	58.10 0.40 -1.23	60.77 0.51 -3.73	64.62 0.73 -7.23	63.86 0.79 -6.35	63.79 1.31 0.00	57.49 1.02 0.00	53.55 0.58 0.00	46.25 0.41 0.00	40.31 0.52 0.00
BROWNFLS_115KV_TB_3_5 80003	40.74 1.03 0.00	36.66 0.96 0.00	33.15 0.68 0.00	30.55 0.45 0.00	29.86 0.27 0.00	35.01 0.59 0.00	38.53 0.49 0.00	42.44 0.67 0.00	43.66 0.52 0.00	43.51 0.35 0.00	44.13 0.31 0.00	45.37 0.09 0.00	50.28 0.10 0.00	52.59 -0.11 0.00	55.91 -0.11 0.00	56.19 -0.40 -0.11	56.51 -0.34 -0.32	56.66 -0.62 -0.62	56.75 -0.51 -0.55	62.16 -0.31 0.00	56.48 0.00 0.00	53.28 0.32 0.00	46.30 0.46 0.00	39.87 0.08 0.00
BROWNSV1_27_KV_LOAD 356125	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.15 2.05 0.00	31.75 2.16 0.00	36.63 2.20 0.00	40.81 2.78 0.00	45.20 3.43 0.00	46.90 3.75 0.00	47.23 4.06 0.00	48.03 4.21 0.00	49.81 4.53 0.00	55.20 5.02 0.00	58.12 5.43 0.00	62.63 6.61 0.00	67.57 7.40 -3.70	75.18 7.52 -11.13	85.59 7.37 -21.57	82.70 7.03 -18.95	69.85 7.37 0.00	62.35 5.87 0.00	57.41 4.45 0.00	49.78 3.94 0.00	43.65 3.86 0.00
BURROWS___LYONSDAL 23803	40.82 1.11 0.00	36.66 0.96 0.00	33.25 0.78 0.00	30.76 0.66 0.00	30.04 0.44 0.00	35.04 0.62 0.00	38.72 0.68 0.00	42.65 0.88 0.00	43.88 0.73 0.00	43.77 0.60 0.00	44.48 0.66 0.00	45.82 0.54 0.00	50.73 0.55 0.00	53.17 0.47 0.00	56.69 0.67 0.00	57.29 0.68 -0.14	57.68 0.73 -0.41	58.25 0.79 -0.80	58.33 0.91 -0.70	63.79 1.31 0.00	57.77 1.30 0.00	54.02 1.06 0.00	46.80 0.96 0.00	40.43 0.64 0.00
CAITHNESS_CC_1 323624	42.41 2.50 -0.20	37.60 1.89 -0.01	34.13 1.66 0.00	32.12 2.02 -0.01	31.73 2.13 -0.01	36.32 1.89 0.00	40.62 2.59 0.00	44.87 3.09 0.00	46.29 3.15 0.00	46.97 3.80 0.00	46.54 2.72 0.00	48.35 3.08 0.00	54.40 4.22 0.00	59.05 4.64 -1.72	63.46 6.11 -1.34	69.59 6.72 -6.40	75.92 6.84 -12.55	87.35 6.68 -24.00	83.62 6.63 -20.27	70.43 6.93 -1.02	63.96 6.16 -1.33	57.15 4.18 0.00	47.99 3.85 1.70	43.81 4.02 0.00
CALPINE BETH_PAGE_GT4 24209	42.30 2.34 -0.25	37.71 2.00 -0.01	34.29 1.82 0.00	32.19 2.08 -0.01	31.76 2.16 -0.01	36.49 2.07 0.00	40.77 2.74 0.00	44.95 3.17 0.00	46.38 3.24 0.00	46.88 3.71 0.00	46.94 3.11 0.00	48.77 3.49 -0.01	54.70 4.52 -0.01	64.06 5.16 -6.21	67.02 6.16 -4.84	76.64 6.72 -13.45	79.85 7.07 -16.26	93.93 6.91 -30.36	87.13 6.69 -23.72	73.22 7.06 -3.69	67.01 5.76 -4.78	57.31 4.34 -0.01	54.92 3.85 -5.23	43.70 3.90 -0.01
CALPINE_BETH_PAGE_GT_4 323586	42.30 2.34 -0.25	37.71 2.00 -0.01	34.29 1.82 0.00	32.19 2.08 -0.01	31.76 2.16 -0.01	36.49 2.07 0.00	40.77 2.74 0.00	44.95 3.17 0.00	46.47 3.32 0.00	47.01 3.84 0.00	46.89 3.07 0.00	48.72 3.44 -0.01	54.70 4.52 -0.01	63.96 5.06 -6.21	67.30 6.44 -4.84	76.87 6.94 -13.45	79.80 7.01 -16.26	93.87 6.85 -30.36	87.12 6.69 -23.72	73.22 7.06 -3.69	67.02 5.76 -4.78	57.21 4.24 -0.01	54.92 3.85 -5.23	43.78 3.98 -0.01
CALPINE_BP_GT1 23823	42.30 2.34 -0.25	37.71 2.00 -0.01	34.29 1.82 0.00	32.19 2.08 -0.01	31.76 2.16 -0.01	36.49 2.07 0.00	40.77 2.74 0.00	44.95 3.17 0.00	46.47 3.32 0.00	47.01 3.84 0.00	46.89 3.07 0.00	48.72 3.44 -0.01	54.70 4.52 -0.01	63.96 5.06 -6.21	67.30 6.44 -4.84	76.87 6.94 -13.45	79.80 7.01 -16.26	93.87 6.85 -30.36	87.12 6.69 -23.72	73.22 7.06 -3.69	67.02 5.76 -4.78	57.21 4.24 -0.01	54.92 3.85 -5.23	43.78 3.98 -0.01
CALSPAN___DRP 24200	38.24 -1.47 0.00	34.16 -1.53 0.00	30.69 -1.79 0.00	28.59 -1.50 0.00	28.02 -1.57 0.00	32.25 -2.17 0.00	35.02 -2.62 0.39	31.60 -2.84 7.34	39.48 -3.67 0.00	39.72 -3.45 0.00	40.45 -3.37 0.00	41.75 -3.53 0.00	46.22 -3.96 0.00	48.42 -4.27 0.00	51.54 -4.48 0.00	52.42 -4.69 -0.64	54.22 -4.24 -1.93	57.05 -3.34 -3.73	56.93 -3.06 -3.28	59.73 -2.75 0.00	54.33 -2.15 0.00	50.32 -2.65 0.00	44.05 -1.79 0.00	38.84 -0.96 0.00

CALVERTON___SOLAR 323806	42.49 2.58 -0.20	37.60 1.89 -0.01	34.13 1.66 0.00	32.12 2.02 -0.01	31.73 2.13 -0.01	36.32 1.89 0.00	40.62 2.59 0.00	44.87 3.09 0.00	46.34 3.19 0.00	47.01 3.84 0.00	46.63 2.81 0.00	48.49 3.22 0.00	54.54 4.36 0.00	59.27 4.84 -1.73	63.75 6.38 -1.34	69.95 7.06 -6.41	76.33 7.24 -12.56	87.76 7.08 -24.02	84.08 7.09 -20.28	70.80 7.31 -1.02	64.47 6.66 -1.34	57.52 4.56 0.00	48.24 4.08 1.68	43.93 4.14 0.00
CANDIGU_WT_PWR 323617	38.72 -0.99 0.00	34.59 -1.11 0.00	31.08 -1.40 0.00	28.92 -1.17 0.00	28.38 -1.21 0.00	32.74 -1.69 0.00	33.81 -1.79 2.44	-6.00 -1.80 45.98	40.38 -2.76 0.00	40.49 -2.68 0.00	41.07 -2.76 0.00	42.43 -2.85 0.00	46.92 -3.26 0.00	49.43 -3.27 0.00	52.21 -3.81 0.00	53.80 -3.56 -0.88	56.14 -3.05 -2.67	59.33 -2.49 -5.17	59.10 -2.16 -4.54	60.97 -1.50 0.00	55.40 -1.07 0.00	51.48 -1.48 0.00	44.79 -1.05 0.00	39.24 -0.56 0.00
CARR STREET_E_SYR 24060	39.15 -0.56 0.00	35.30 -0.39 0.00	32.08 -0.39 0.00	29.83 -0.27 0.00	29.30 -0.30 0.00	34.01 -0.41 0.00	37.73 -0.31 0.00	41.36 -0.42 0.00	42.67 -0.47 0.00	42.78 -0.39 0.00	43.47 -0.35 0.00	44.91 -0.36 0.00	49.78 -0.40 0.00	52.27 -0.42 0.00	55.51 -0.51 0.00	56.61 -0.22 -0.36	57.44 -0.17 -1.08	58.75 0.00 -2.09	58.55 0.00 -1.84	62.54 0.06 0.00	56.42 -0.06 0.00	52.65 -0.32 0.00	45.47 -0.37 0.00	39.56 -0.24 0.00
CARTHAGE___PAPER 23857	41.06 1.35 0.00	36.91 1.21 0.00	33.42 0.94 0.00	30.85 0.75 0.00	30.09 0.50 0.00	35.25 0.82 0.00	38.91 0.88 0.00	42.82 1.04 0.00	43.88 0.73 0.00	43.77 0.60 0.00	44.39 0.57 0.00	45.64 0.36 0.00	50.53 0.35 0.00	52.85 0.16 0.00	56.30 0.28 0.00	56.89 0.23 -0.19	57.43 0.34 -0.56	58.09 0.34 -1.09	58.24 0.57 -0.96	63.66 1.18 0.00	57.78 1.30 0.00	54.23 1.27 0.00	46.99 1.15 0.00	40.43 0.63 0.00
CASSADAGA_WT_PWR 323784	37.84 -1.87 0.00	33.48 -2.21 0.00	29.91 -2.57 0.00	27.78 -2.32 0.00	27.22 -2.37 0.00	31.32 -3.10 0.00	34.16 -3.61 0.25	33.17 -3.80 4.81	38.57 -4.57 0.00	38.85 -4.32 0.00	39.66 -4.16 0.00	41.11 -4.16 0.00	45.61 -4.57 0.00	48.00 -4.69 0.00	50.30 -5.71 0.00	51.77 -5.37 -0.66	53.95 -4.58 -2.00	56.79 -3.74 -3.88	56.77 -3.35 -3.41	59.97 -2.50 0.00	54.72 -1.75 0.00	50.79 -2.17 0.00	44.65 -1.19 0.00	39.36 -0.44 0.00
CE_DUNWOOD___DRP 24194	41.85 2.14 0.00	37.34 1.64 0.00	34.00 1.53 0.00	31.81 1.72 0.00	31.40 1.81 0.00	36.21 1.79 0.00	40.31 2.28 0.00	44.57 2.80 0.00	46.21 3.06 0.00	46.49 3.32 0.00	47.20 3.37 0.00	48.95 3.67 0.00	54.24 4.06 0.00	57.17 4.48 0.00	61.45 5.43 0.00	66.38 6.21 -3.69	73.92 6.27 -11.11	84.38 6.18 -21.54	81.54 5.90 -18.93	68.72 6.25 0.00	61.39 4.91 0.00	56.62 3.65 0.00	49.00 3.16 0.00	42.98 3.18 0.00
CE_MILLWOOD___DRP 24193	41.77 2.06 0.00	37.30 1.61 0.00	33.93 1.46 0.00	31.78 1.69 0.00	31.34 1.75 0.00	36.18 1.76 0.00	40.24 2.21 0.00	44.49 2.72 0.00	46.12 2.98 0.00	46.36 3.19 0.00	47.11 3.29 0.00	48.81 3.53 0.00	54.09 3.91 0.00	57.01 4.32 0.00	61.28 5.27 0.00	66.20 6.04 -3.69	73.73 6.11 -11.09	84.16 6.01 -21.50	81.39 5.78 -18.89	68.60 6.12 0.00	61.22 4.74 0.00	56.51 3.55 0.00	48.91 3.07 0.00	42.90 3.10 0.00
CE_NYC2_DRP 24202	42.13 2.42 0.00	37.59 1.89 0.00	34.23 1.75 0.00	32.00 1.90 0.00	31.60 2.01 0.00	36.42 2.00 0.00	40.50 2.47 0.00	44.87 3.09 0.00	46.42 3.28 0.00	46.75 3.58 0.00	47.64 3.81 0.00	49.35 4.08 0.00	54.70 4.52 0.00	57.49 4.79 0.00	61.96 5.94 0.00	66.88 6.72 -3.69	74.38 6.73 -11.12	84.74 6.52 -21.57	81.79 6.13 -18.95	68.85 6.37 0.00	61.50 5.03 0.00	56.72 3.76 0.00	49.33 3.48 0.00	43.42 3.62 0.00
CE_NYC_DRP 24195	42.09 2.38 0.00	37.55 1.86 0.00	34.19 1.72 0.00	31.97 1.87 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.58 2.55 0.00	44.87 3.09 0.00	46.60 3.45 0.00	46.88 3.71 0.00	47.68 3.86 0.00	49.40 4.12 0.00	54.75 4.57 0.00	57.65 4.95 0.00	62.12 6.11 0.00	67.01 6.83 -3.70	74.61 6.95 -11.13	84.97 6.74 -21.57	82.13 6.47 -18.95	69.22 6.75 0.00	61.78 5.31 0.00	56.94 3.97 0.00	49.37 3.53 0.00	43.34 3.54 0.00
CHAFFEE___LFGE 323603	38.32 -1.39 0.00	34.23 -1.47 0.00	30.75 -1.72 0.00	28.68 -1.41 0.00	28.11 -1.48 0.00	32.36 -2.06 0.00	35.21 -2.51 0.31	33.19 -2.67 5.92	39.65 -3.49 0.00	39.93 -3.24 0.00	40.63 -3.20 0.00	41.97 -3.30 0.00	46.42 -3.76 0.00	48.85 -3.84 0.00	51.14 -4.87 0.00	52.45 -4.69 -0.66	54.46 -4.07 -1.99	57.35 -3.17 -3.87	57.16 -2.95 -3.40	59.97 -2.50 0.00	54.56 -1.92 0.00	50.48 -2.49 0.00	44.15 -1.70 0.00	38.92 -0.88 0.00
CHATEAUG_35_KV_LOAD 355732	40.26 0.56 0.00	36.16 0.46 0.00	32.80 0.32 0.00	30.13 0.03 0.00	29.56 -0.03 0.00	34.53 0.10 0.00	37.84 -0.19 0.00	41.61 -0.17 0.00	42.97 -0.17 0.00	42.82 -0.35 0.00	43.26 -0.57 0.00	44.46 -0.82 0.00	49.23 -0.95 0.00	51.53 -1.16 0.00	54.39 -1.62 0.00	54.44 -2.03 0.00	54.55 -1.98 0.00	54.56 -2.10 0.00	54.56 -2.16 0.00	60.10 -2.37 0.00	54.61 -1.86 0.00	51.91 -1.06 0.00	44.92 -0.92 0.00	38.84 -0.96 0.00
CHATEAUG_WT_PWR 323614	40.22 0.51 0.00	36.13 0.43 0.00	32.76 0.29 0.00	30.10 0.00 0.00	29.53 -0.06 0.00	34.49 0.07 0.00	37.80 -0.23 0.00	41.57 -0.21 0.00	42.97 -0.17 0.00	42.87 -0.30 0.00	43.30 -0.52 0.00	44.51 -0.77 0.00	49.28 -0.90 0.00	51.58 -1.11 0.00	54.67 -1.34 0.00	54.50 -1.98 0.00	54.55 -1.98 0.00	54.56 -2.10 0.00	54.56 -2.16 0.00	60.10 -2.37 0.00	54.61 -1.86 0.00	51.85 -1.11 0.00	44.88 -0.96 0.00	38.80 -0.99 0.00
CHAT_HIGH_FALL_HYD 323578	40.26 0.56 0.00	36.16 0.46 0.00	32.80 0.32 0.00	30.13 0.03 0.00	29.56 -0.03 0.00	34.53 0.10 0.00	37.84 -0.19 0.00	41.61 -0.17 0.00	42.97 -0.17 0.00	42.82 -0.35 0.00	43.26 -0.57 0.00	44.46 -0.82 0.00	49.23 -0.95 0.00	51.53 -1.16 0.00	54.39 -1.62 0.00	54.44 -2.03 0.00	54.55 -1.98 0.00	54.56 -2.10 0.00	54.56 -2.16 0.00	60.10 -2.37 0.00	54.61 -1.86 0.00	51.91 -1.06 0.00	44.92 -0.92 0.00	38.84 -0.96 0.00
CHAUTAUQUA___LFGE 323629	38.12 -1.59 0.00	33.95 -1.75 0.00	30.43 -2.04 0.00	28.32 -1.78 0.00	27.76 -1.83 0.00	31.94 -2.48 0.00	34.75 -2.97 0.32	32.60 -3.22 5.96	39.13 -4.01 0.00	39.41 -3.76 0.00	40.19 -3.64 0.00	41.52 -3.76 0.00	46.02 -4.16 0.00	48.43 -4.27 0.00	50.75 -5.27 0.00	52.20 -4.91 -0.64	54.30 -4.18 -1.95	57.14 -3.29 -3.77	57.08 -2.95 -3.32	59.97 -2.50 0.00	54.67 -1.81 0.00	50.64 -2.33 0.00	44.37 -1.47 0.00	39.16 -0.64 0.00
CHERRYST_13_KV_LD 356241	42.21 2.50 0.00	37.66 1.96 0.00	34.29 1.82 0.00	32.06 1.96 0.00	31.66 2.07 0.00	36.56 2.13 0.00	40.69 2.66 0.00	45.08 3.30 0.00	46.77 3.62 0.00	47.10 3.93 0.00	47.90 4.08 0.00	49.63 4.35 0.00	55.05 4.87 0.00	57.96 5.27 0.00	62.46 6.44 0.00	67.35 7.17 -3.70	74.95 7.29 -11.13	85.31 7.08 -21.57	82.41 6.75 -18.95	69.53 7.06 0.00	62.07 5.59 0.00	57.15 4.18 0.00	49.55 3.71 0.00	43.46 3.66 0.00

CHESTROR_138KV_BK263 355645	41.46 1.75 0.00	37.02 1.32 0.00	33.71 1.23 0.00	31.54 1.44 0.00	31.10 1.51 0.00	35.90 1.48 0.00	39.89 1.86 0.00	44.07 2.30 0.00	45.65 2.50 0.00	45.85 2.68 0.00	46.54 2.72 0.00	48.22 2.94 0.00	53.44 3.26 0.00	56.33 3.64 0.00	60.44 4.43 0.00	65.00 4.97 -3.55	72.31 5.09 -10.69	82.37 4.99 -20.72	79.69 4.76 -18.21	67.66 5.19 0.00	60.54 4.07 0.00	55.93 2.97 0.00	48.45 2.61 0.00	42.42 2.63 0.00
CH_MIDHUDSON___DRP 24192	41.65 1.95 0.00	37.20 1.50 0.00	33.90 1.43 0.00	31.69 1.60 0.00	31.25 1.66 0.00	36.08 1.65 0.00	40.08 2.05 0.00	44.28 2.51 0.00	45.91 2.76 0.00	46.06 2.89 0.00	46.76 2.94 0.00	48.49 3.21 0.00	53.74 3.56 0.00	56.64 3.95 0.00	60.84 4.82 0.00	65.57 5.37 -3.73	73.31 5.54 -11.24	83.88 5.44 -21.79	81.13 5.27 -19.14	68.10 5.62 0.00	60.94 4.46 0.00	56.30 3.34 0.00	48.73 2.89 0.00	42.62 2.83 0.00
CH_MISC_IPPS 23765	41.85 2.14 0.00	37.41 1.71 0.00	34.03 1.56 0.00	31.81 1.71 0.00	31.37 1.78 0.00	36.28 1.86 0.00	40.27 2.24 0.00	44.53 2.76 0.00	46.16 3.02 0.00	46.32 3.15 0.00	47.02 3.20 0.00	48.77 3.49 0.00	54.10 3.92 0.00	56.96 4.27 0.00	61.06 5.04 0.00	65.99 5.82 -3.69	73.65 5.99 -11.12	84.12 5.89 -21.56	81.33 5.67 -18.95	68.60 6.13 0.00	61.33 4.86 0.00	56.67 3.71 0.00	49.05 3.21 0.00	42.90 3.11 0.00
CH_RES_BVR_FALLS 23983	39.63 -0.08 0.00	35.59 -0.11 0.00	32.34 -0.13 0.00	29.86 -0.24 0.00	29.35 -0.24 0.00	34.18 -0.24 0.00	37.65 -0.38 0.00	41.36 -0.42 0.00	42.71 -0.43 0.00	42.70 -0.47 0.00	43.30 -0.52 0.00	44.69 -0.59 0.00	49.53 -0.65 0.00	52.01 -0.69 0.00	55.23 -0.78 0.00	55.52 -0.96 0.00	55.57 -0.96 0.00	55.64 -1.02 0.00	55.70 -1.02 0.00	61.35 -1.12 0.00	55.57 -0.91 0.00	52.33 -0.63 0.00	45.34 -0.50 0.00	39.28 -0.52 0.00
CH_RES_NIAGARA 23895	37.13 -2.58 0.00	33.41 -2.28 0.00	30.07 -2.40 0.00	27.93 -2.17 0.00	27.34 -2.25 0.00	31.46 -2.96 0.00	34.23 -3.50 0.31	32.64 -3.34 5.79	38.27 -4.88 0.00	38.55 -4.62 0.00	39.27 -4.56 0.00	40.52 -4.75 0.00	44.86 -5.32 0.00	46.95 -5.74 0.00	49.86 -6.16 0.00	51.02 -6.04 -0.59	52.66 -5.65 -1.78	55.36 -4.76 -3.46	55.16 -4.59 -3.04	57.60 -4.87 0.00	52.41 -4.07 0.00	48.52 -4.45 0.00	42.45 -3.39 0.00	37.61 -2.19 0.00
CH_RES_SYRACUSE 23985	39.39 -0.32 0.00	35.52 -0.18 0.00	32.25 -0.23 0.00	29.98 -0.12 0.00	29.44 -0.15 0.00	34.18 -0.24 0.00	37.96 -0.08 0.00	41.61 -0.17 0.00	42.93 -0.21 0.00	43.04 -0.13 0.00	43.70 -0.13 0.00	45.19 -0.09 0.00	50.08 -0.10 0.00	52.59 -0.11 0.00	55.85 -0.17 0.00	56.93 0.06 -0.40	57.85 0.11 -1.20	59.27 0.28 -2.33	59.10 0.34 -2.05	62.91 0.44 0.00	56.76 0.28 0.00	52.96 0.00 0.00	45.75 -0.09 0.00	39.79 0.00 0.00
CLINTON_WT_PWR 323605	40.22 0.51 0.00	36.13 0.43 0.00	32.76 0.29 0.00	30.10 0.00 0.00	29.53 -0.06 0.00	34.49 0.07 0.00	37.80 -0.23 0.00	41.57 -0.21 0.00	42.97 -0.17 0.00	42.87 -0.30 0.00	43.30 -0.52 0.00	44.51 -0.77 0.00	49.28 -0.90 0.00	51.58 -1.11 0.00	54.67 -1.34 0.00	54.50 -1.98 0.00	54.55 -1.98 0.00	54.56 -2.10 0.00	54.56 -2.16 0.00	60.10 -2.37 0.00	54.61 -1.86 0.00	51.85 -1.11 0.00	44.88 -0.96 0.00	38.80 -0.99 0.00
CLINTON___LFGE 323618	40.74 1.03 0.00	36.59 0.89 0.00	33.19 0.71 0.00	30.49 0.39 0.00	29.92 0.33 0.00	34.90 0.48 0.00	38.22 0.19 0.00	42.11 0.33 0.00	43.49 0.34 0.00	43.39 0.22 0.00	43.78 -0.04 0.00	45.05 -0.23 0.00	49.88 -0.30 0.00	52.17 -0.53 0.00	55.29 -0.73 0.00	55.12 -1.36 0.00	55.23 -1.30 0.00	55.24 -1.41 0.00	55.24 -1.47 0.00	60.92 -1.56 0.00	55.35 -1.13 0.00	52.54 -0.43 0.00	45.38 -0.46 0.00	39.28 -0.52 0.00
COBBLENY_34_KV_TB1 80064	38.32 -1.39 0.00	34.23 -1.46 0.00	30.75 -1.72 0.00	28.68 -1.41 0.00	28.11 -1.48 0.00	32.36 -2.07 0.00	35.21 -2.51 0.31	33.23 -2.63 5.92	39.65 -3.49 0.00	39.93 -3.24 0.00	40.63 -3.20 0.00	41.97 -3.31 0.00	46.42 -3.76 0.00	48.69 -4.00 0.00	51.76 -4.26 0.00	52.62 -4.52 -0.66	54.46 -4.07 -1.99	57.35 -3.17 -3.87	57.16 -2.95 -3.40	59.98 -2.50 0.00	54.56 -1.92 0.00	50.53 -2.44 0.00	44.24 -1.60 0.00	38.96 -0.84 0.00
COFFEEN___115KV_TB3 355620	41.42 1.71 0.00	37.27 1.57 0.00	33.67 1.20 0.00	31.09 0.99 0.00	30.45 0.86 0.00	35.63 1.20 0.00	39.36 1.33 0.00	43.32 1.55 0.00	44.31 1.16 0.00	44.16 0.99 0.00	44.88 1.05 0.00	46.14 0.86 0.00	51.03 0.85 0.00	53.27 0.58 0.00	56.86 0.84 0.00	57.53 0.85 -0.21	58.19 1.02 -0.64	59.03 1.13 -1.24	59.22 1.42 -1.09	64.79 2.31 0.00	58.85 2.37 0.00	55.08 2.12 0.00	47.68 1.83 0.00	40.99 1.19 0.00
COLDSPRG_115KV_BK1 355956	38.48 -1.23 0.00	34.23 -1.46 0.00	30.69 -1.79 0.00	28.59 -1.50 0.00	28.08 -1.51 0.00	32.32 -2.10 0.00	35.44 -2.43 0.16	36.50 -2.30 2.98	40.12 -3.02 0.00	40.41 -2.76 0.00	41.15 -2.67 0.00	42.52 -2.76 0.00	47.07 -3.11 0.00	49.16 -3.53 0.00	52.27 -3.75 0.00	52.93 -4.24 -0.69	54.77 -3.84 -2.08	57.64 -3.06 -4.04	57.60 -2.67 -3.55	60.98 -1.50 0.00	55.52 -0.96 0.00	51.53 -1.43 0.00	45.34 -0.50 0.00	39.71 -0.08 0.00
COLONIE_LFGE___ 323577	41.18 1.47 0.00	36.84 1.14 0.00	33.68 1.20 0.00	31.39 1.29 0.00	30.86 1.27 0.00	35.73 1.31 0.00	39.55 1.52 0.00	43.57 1.80 0.00	45.04 1.90 0.00	44.98 1.81 0.00	45.67 1.84 0.00	47.22 1.95 0.00	52.39 2.21 0.00	55.07 2.37 0.00	58.60 2.58 0.00	63.56 2.88 -4.21	72.36 2.99 -12.83	84.76 3.23 -24.87	81.97 3.40 -21.85	66.16 3.69 0.00	59.52 3.05 0.00	55.40 2.44 0.00	47.95 2.11 0.00	41.74 1.95 0.00
COOPERNY_115KV_TB1 80082	41.10 1.39 0.00	36.77 1.07 0.00	33.48 1.01 0.00	31.30 1.20 0.00	30.83 1.24 0.00	35.63 1.20 0.00	39.55 1.52 0.00	43.66 1.88 0.00	45.17 2.03 0.00	45.37 2.20 0.00	46.06 2.24 0.00	47.72 2.45 0.00	52.89 2.71 0.00	55.64 2.95 0.00	59.72 3.70 0.00	63.84 4.18 -3.19	70.37 4.24 -9.60	79.41 4.14 -18.61	77.04 3.97 -16.35	66.85 4.37 0.00	59.86 3.39 0.00	55.45 2.49 0.00	48.00 2.15 0.00	41.98 2.19 0.00
COPENHAGEN_WT_PWR 323753	40.98 1.27 0.00	36.87 1.18 0.00	33.35 0.88 0.00	30.85 0.75 0.00	30.18 0.59 0.00	35.28 0.86 0.00	38.98 0.95 0.00	42.90 1.13 0.00	43.92 0.78 0.00	43.82 0.65 0.00	44.53 0.70 0.00	45.82 0.55 0.00	50.68 0.50 0.00	52.96 0.26 0.00	56.41 0.39 0.00	57.14 0.45 -0.22	57.81 0.62 -0.66	58.62 0.68 -1.28	58.74 0.90 -1.12	64.04 1.56 0.00	58.11 1.64 0.00	54.45 1.48 0.00	47.12 1.28 0.00	40.59 0.80 0.00
CORNELL_____ 23752	40.22 0.52 0.00	36.12 0.43 0.00	32.77 0.29 0.00	30.46 0.36 0.00	29.95 0.36 0.00	34.77 0.34 0.00	38.78 0.61 -0.14	45.17 0.75 -2.64	43.79 0.65 0.00	43.77 0.60 0.00	44.40 0.57 0.00	45.87 0.59 0.00	50.83 0.65 0.00	53.32 0.63 0.00	56.86 0.84 0.00	58.35 1.02 -0.85	60.31 1.19 -2.59	63.15 1.47 -5.02	62.82 1.70 -4.41	64.72 2.25 0.00	58.40 1.92 0.00	54.39 1.43 0.00	46.85 1.01 0.00	40.75 0.96 0.00

CORONA__69_KV_TB1 355595	42.68 2.62 -0.36	37.89 2.18 -0.02	34.49 2.01 0.00	32.34 2.23 -0.02	31.92 2.31 -0.02	36.69 2.27 0.00	40.92 2.89 0.00	45.28 3.51 0.00	46.77 3.62 0.00	47.23 4.06 0.00	47.38 3.55 0.00	49.31 3.98 -0.05	55.30 5.07 -0.05	88.70 5.85 -30.15	86.48 6.95 -23.52	114.97 7.45 -51.04	100.38 7.80 -36.04	128.70 7.76 -64.28	106.38 7.54 -42.13	88.47 8.06 -17.94	86.25 6.55 -23.22	58.00 4.98 -0.05	84.75 4.54 -34.37	44.02 4.18 -0.05
CORTLAND__115KV_TB3 80093	39.95 0.24 0.00	35.91 0.21 0.00	32.60 0.13 0.00	30.31 0.21 0.00	29.80 0.21 0.00	34.60 0.17 0.00	38.41 0.38 0.00	42.24 0.46 0.00	43.49 0.35 0.00	43.51 0.35 0.00	44.22 0.39 0.00	45.69 0.41 0.00	50.58 0.40 0.00	53.11 0.42 0.00	56.63 0.62 0.00	57.90 0.73 -0.69	59.48 0.85 -2.10	61.81 1.08 -4.08	61.43 1.13 -3.58	64.04 1.56 0.00	57.77 1.30 0.00	53.86 0.90 0.00	46.48 0.64 0.00	40.43 0.64 0.00
COXSACKIE__GT 23611	41.73 2.02 0.00	37.37 1.68 0.00	34.06 1.59 0.00	31.75 1.65 0.00	31.16 1.57 0.00	36.32 1.89 0.00	40.08 2.05 0.00	44.03 2.25 0.00	45.43 2.29 0.00	45.11 1.94 0.00	45.53 1.71 0.00	47.18 1.90 0.00	52.39 2.21 0.00	55.22 2.53 0.00	58.35 2.35 0.02	62.91 2.60 -3.83	70.52 2.99 -10.99	78.09 3.11 -18.32	76.51 3.35 -16.45	66.22 3.75 0.00	59.75 3.27 0.00	55.72 2.75 0.00	48.00 2.16 0.00	41.59 1.79 0.00
CPV_VALLEY__CC1 323721	41.18 1.47 0.00	36.80 1.11 0.00	33.51 1.04 0.00	31.36 1.26 0.00	30.89 1.30 0.00	35.70 1.27 0.00	39.63 1.60 0.00	43.78 2.01 0.00	45.34 2.20 0.00	45.54 2.37 0.00	46.24 2.41 0.00	47.90 2.63 0.00	53.09 2.91 0.00	55.85 3.16 0.00	59.77 3.75 0.00	64.42 4.52 -3.42	71.41 4.58 -10.30	81.17 4.53 -19.97	78.57 4.31 -17.55	67.10 4.62 0.00	60.09 3.62 0.00	55.56 2.59 0.00	48.13 2.29 0.00	42.14 2.35 0.00
CPV_VALLEY__CC2 323722	41.18 1.47 0.00	36.80 1.11 0.00	33.51 1.04 0.00	31.36 1.26 0.00	30.89 1.30 0.00	35.70 1.27 0.00	39.63 1.60 0.00	43.78 2.01 0.00	45.34 2.20 0.00	45.54 2.37 0.00	46.24 2.41 0.00	47.90 2.63 0.00	53.09 2.91 0.00	55.85 3.16 0.00	59.77 3.75 0.00	64.42 4.52 -3.42	71.41 4.58 -10.30	81.17 4.53 -19.97	78.57 4.31 -17.55	67.10 4.62 0.00	60.09 3.62 0.00	55.56 2.59 0.00	48.13 2.29 0.00	42.14 2.35 0.00
CRESCENT__HYD 24018	41.18 1.47 0.00	36.84 1.14 0.00	33.68 1.20 0.00	31.39 1.29 0.00	30.86 1.27 0.00	35.73 1.31 0.00	39.55 1.52 0.00	43.57 1.80 0.00	45.04 1.90 0.00	44.98 1.81 0.00	45.67 1.84 0.00	47.22 1.95 0.00	52.39 2.21 0.00	55.07 2.37 0.00	58.60 2.58 0.00	63.56 2.88 -4.21	72.36 2.99 -12.83	84.76 3.23 -24.87	81.97 3.40 -21.85	66.16 3.69 0.00	59.52 3.05 0.00	55.40 2.44 0.00	47.95 2.11 0.00	41.74 1.95 0.00
CRICKET__VALLEY_CC1 323756	41.25 1.55 0.00	36.84 1.14 0.00	33.64 1.17 0.00	31.45 1.36 0.00	31.01 1.42 0.00	35.76 1.34 0.00	39.70 1.67 0.00	43.82 2.05 0.00	45.43 2.29 0.00	45.54 2.37 0.00	46.24 2.41 0.00	47.90 2.63 0.00	53.09 2.91 0.00	55.80 3.11 0.00	59.72 3.70 0.00	64.29 4.35 -3.46	72.51 4.52 -11.45	83.50 4.65 -22.20	80.76 4.54 -19.50	67.29 4.81 0.00	60.26 3.78 0.00	55.72 2.75 0.00	48.27 2.43 0.00	42.22 2.43 0.00
CRICKET__VALLEY_CC2 323757	41.25 1.55 0.00	36.84 1.14 0.00	33.64 1.17 0.00	31.45 1.36 0.00	31.01 1.42 0.00	35.76 1.34 0.00	39.70 1.67 0.00	43.82 2.05 0.00	45.43 2.29 0.00	45.54 2.37 0.00	46.24 2.41 0.00	47.90 2.63 0.00	53.09 2.91 0.00	55.80 3.11 0.00	59.72 3.70 0.00	64.29 4.35 -3.46	72.51 4.52 -11.45	83.50 4.65 -22.20	80.76 4.54 -19.50	67.29 4.81 0.00	60.26 3.78 0.00	55.72 2.75 0.00	48.27 2.43 0.00	42.22 2.43 0.00
CRICKET__VALLEY_CC3 323758	41.25 1.55 0.00	36.84 1.14 0.00	33.64 1.17 0.00	31.45 1.36 0.00	31.01 1.42 0.00	35.76 1.34 0.00	39.70 1.67 0.00	43.82 2.05 0.00	45.43 2.29 0.00	45.54 2.37 0.00	46.24 2.41 0.00	47.90 2.63 0.00	53.09 2.91 0.00	55.80 3.11 0.00	59.72 3.70 0.00	64.29 4.35 -3.46	72.51 4.52 -11.45	83.50 4.65 -22.20	80.76 4.54 -19.50	67.29 4.81 0.00	60.26 3.78 0.00	55.72 2.75 0.00	48.27 2.43 0.00	42.22 2.43 0.00
CRUCIBLE__METL_DRP 24180	39.39 -0.32 0.00	35.52 -0.18 0.00	32.25 -0.23 0.00	29.98 -0.12 0.00	29.44 -0.15 0.00	34.18 -0.24 0.00	37.96 -0.08 0.00	41.61 -0.17 0.00	42.93 -0.22 0.00	43.04 -0.13 0.00	43.70 -0.13 0.00	45.19 -0.09 0.00	50.08 -0.10 0.00	52.53 -0.16 0.00	55.96 -0.06 0.00	56.99 0.11 -0.40	57.85 0.11 -1.20	59.27 0.28 -2.33	59.10 0.34 -2.05	62.91 0.44 0.00	56.76 0.28 0.00	53.02 0.05 0.00	45.75 -0.09 0.00	39.79 0.00 0.00
DAHOWA__HYDRO 323763	41.61 1.91 0.00	37.26 1.57 0.00	33.94 1.46 0.00	31.60 1.50 0.00	31.07 1.48 0.00	36.08 1.65 0.00	39.89 1.86 0.00	43.95 2.17 0.00	45.34 2.20 0.00	45.20 2.03 0.00	45.84 2.02 0.00	47.22 1.95 0.00	52.44 2.26 0.00	55.17 2.48 0.00	58.65 2.63 0.00	63.62 2.88 -4.26	72.45 2.94 -12.98	85.22 3.40 -25.16	82.51 3.68 -22.11	66.72 4.25 0.00	60.20 3.73 0.00	56.14 3.18 0.00	48.45 2.61 0.00	42.18 2.39 0.00
DANC__LFGE 323619	40.19 0.48 0.00	36.20 0.50 0.00	32.80 0.32 0.00	30.37 0.27 0.00	29.77 0.18 0.00	34.70 0.27 0.00	38.37 0.34 0.00	42.15 0.38 0.00	43.27 0.13 0.00	43.21 0.04 0.00	43.96 0.13 0.00	45.28 0.00 0.00	50.13 -0.05 0.00	52.43 -0.26 0.00	55.80 -0.22 0.00	56.62 -0.11 -0.26	57.36 0.06 -0.77	58.27 0.11 -1.50	58.26 0.23 -1.32	63.10 0.62 0.00	57.16 0.68 0.00	53.49 0.53 0.00	46.39 0.55 0.00	40.07 0.28 0.00
DANSKAMMER__1 23586	41.85 2.14 0.00	37.41 1.71 0.00	34.03 1.56 0.00	31.81 1.71 0.00	31.37 1.78 0.00	36.28 1.86 0.00	40.27 2.24 0.00	44.53 2.76 0.00	46.16 3.02 0.00	46.32 3.15 0.00	47.02 3.20 0.00	48.77 3.49 0.00	54.10 3.92 0.00	56.96 4.27 0.00	61.06 5.04 0.00	65.99 5.82 -3.69	73.65 5.99 -11.12	84.12 5.89 -21.56	81.33 5.67 -18.95	68.60 6.13 0.00	61.33 4.86 0.00	56.67 3.71 0.00	49.05 3.21 0.00	42.90 3.11 0.00
DANSKAMMER__2 23589	41.85 2.14 0.00	37.41 1.71 0.00	34.03 1.56 0.00	31.81 1.71 0.00	31.37 1.78 0.00	36.28 1.86 0.00	40.27 2.24 0.00	44.53 2.76 0.00	46.16 3.02 0.00	46.32 3.15 0.00	47.02 3.20 0.00	48.77 3.49 0.00	54.10 3.92 0.00	56.96 4.27 0.00	61.06 5.04 0.00	65.99 5.82 -3.69	73.65 5.99 -11.12	84.12 5.89 -21.56	81.33 5.67 -18.95	68.60 6.13 0.00	61.33 4.86 0.00	56.67 3.71 0.00	49.05 3.21 0.00	42.90 3.11 0.00
DANSKAMMER__3 23590	41.85 2.14 0.00	37.41 1.71 0.00	34.03 1.56 0.00	31.81 1.71 0.00	31.37 1.78 0.00	36.28 1.86 0.00	40.27 2.24 0.00	44.53 2.76 0.00	46.16 3.02 0.00	46.32 3.15 0.00	47.02 3.20 0.00	48.77 3.49 0.00	54.10 3.92 0.00	56.96 4.27 0.00	61.06 5.04 0.00	65.99 5.82 -3.69	73.65 5.99 -11.12	84.12 5.89 -21.56	81.33 5.67 -18.95	68.60 6.13 0.00	61.33 4.86 0.00	56.67 3.71 0.00	49.05 3.21 0.00	42.90 3.11 0.00

DANSKAMMER___4 23591	41.85 2.14 0.00	37.41 1.71 0.00	34.03 1.56 0.00	31.81 1.71 0.00	31.37 1.78 0.00	36.28 1.86 0.00	40.27 2.24 0.00	44.53 2.76 0.00	46.16 3.02 0.00	46.32 3.15 0.00	47.02 3.20 0.00	48.77 3.49 0.00	54.10 3.92 0.00	56.96 4.27 0.00	61.06 5.04 0.00	65.99 5.82 -3.69	73.65 5.99 -11.12	84.12 5.89 -21.56	81.33 5.67 -18.95	68.60 6.13 0.00	61.33 4.86 0.00	56.67 3.71 0.00	49.05 3.21 0.00	42.90 3.11 0.00
DANSKAMMER___DIESEL 23592	41.85 2.14 0.00	37.41 1.71 0.00	34.03 1.56 0.00	31.81 1.72 0.00	31.37 1.78 0.00	36.28 1.86 0.00	40.27 2.24 0.00	44.53 2.76 0.00	46.16 3.02 0.00	46.32 3.15 0.00	47.03 3.20 0.00	48.76 3.49 0.00	54.09 3.91 0.00	57.01 4.32 0.00	61.23 5.21 0.00	66.04 5.87 -3.69	73.65 5.99 -11.12	84.12 5.89 -21.56	81.33 5.67 -18.95	68.60 6.12 0.00	61.33 4.86 0.00	56.67 3.71 0.00	49.00 3.16 0.00	42.86 3.06 0.00
DARBY___SOLAR 323810	41.50 1.79 0.00	37.16 1.46 0.00	33.87 1.40 0.00	31.54 1.44 0.00	31.01 1.42 0.00	36.01 1.58 0.00	39.78 1.75 0.00	43.82 2.05 0.00	45.21 2.07 0.00	45.11 1.94 0.00	45.71 1.88 0.00	47.14 1.86 0.00	52.34 2.16 0.00	55.01 2.32 0.00	58.54 2.52 0.00	63.50 2.77 -4.25	72.37 2.88 -12.96	85.12 3.34 -25.12	82.36 3.58 -22.07	66.53 4.06 0.00	60.04 3.56 0.00	55.98 3.02 0.00	48.32 2.47 0.00	42.06 2.27 0.00
DASHVILLE___HYD 23610	41.53 1.83 0.00	37.09 1.39 0.00	33.77 1.30 0.00	31.57 1.47 0.00	31.10 1.51 0.00	35.97 1.55 0.00	39.89 1.86 0.00	44.07 2.30 0.00	45.69 2.55 0.00	45.85 2.68 0.00	46.50 2.67 0.00	48.22 2.94 0.00	53.44 3.26 0.00	56.33 3.64 0.00	60.77 4.76 0.01	65.54 5.37 -3.70	73.15 5.60 -11.03	82.74 5.44 -20.64	80.16 5.22 -18.22	67.85 5.37 0.00	60.71 4.24 0.00	56.14 3.18 0.00	48.59 2.75 0.00	42.50 2.71 0.00
DELAWARE___LFGE 323621	40.86 1.15 0.00	36.62 0.93 0.00	33.32 0.84 0.00	31.09 0.99 0.00	30.57 0.98 0.00	35.42 1.00 0.00	39.21 1.18 0.00	43.28 1.50 0.00	44.65 1.51 0.00	44.77 1.60 0.00	45.49 1.67 0.00	47.04 1.77 0.00	52.09 1.91 0.00	54.75 2.05 0.00	58.48 2.46 0.00	60.86 2.71 -1.68	64.32 2.71 -5.07	69.21 2.72 -9.83	68.07 2.72 -8.63	65.66 3.19 0.00	59.07 2.60 0.00	54.92 1.96 0.00	47.58 1.74 0.00	41.43 1.63 0.00
DERFIELD_115KV_TB7 355931	39.83 0.12 0.00	35.77 0.07 0.00	32.57 0.10 0.00	30.25 0.15 0.00	29.74 0.15 0.00	34.53 0.10 0.00	38.18 0.15 0.00	41.94 0.17 0.00	43.32 0.17 0.00	43.34 0.17 0.00	44.05 0.22 0.00	45.50 0.23 0.00	50.43 0.25 0.00	52.96 0.26 0.00	56.41 0.39 0.00	56.93 0.45 0.00	57.04 0.51 0.00	57.11 0.45 0.00	57.17 0.45 0.00	63.04 0.56 0.00	56.87 0.40 0.00	53.18 0.21 0.00	46.07 0.23 0.00	40.03 0.24 0.00
DOGLEVILLE___HYD 23807	39.31 -0.40 0.00	35.27 -0.43 0.00	32.08 -0.39 0.00	29.77 -0.33 0.00	29.30 -0.30 0.00	34.08 -0.34 0.00	37.69 -0.34 0.00	41.44 -0.33 0.00	42.80 -0.35 0.00	42.82 -0.35 0.00	43.52 -0.31 0.00	44.92 -0.36 0.00	49.78 -0.40 0.00	52.27 -0.42 0.00	55.68 -0.34 0.00	56.19 -0.28 0.00	56.31 -0.23 0.00	56.32 -0.34 0.00	56.37 -0.34 0.00	62.16 -0.31 0.00	56.08 -0.40 0.00	52.43 -0.53 0.00	45.57 -0.28 0.00	39.52 -0.28 0.00
DUNKIRK__115KV_TB_200 55889	38.16 -1.55 0.00	33.98 -1.71 0.00	30.46 -2.01 0.00	28.38 -1.72 0.00	27.82 -1.78 0.00	32.01 -2.41 0.00	34.82 -2.89 0.32	32.57 -3.13 6.07	39.22 -3.93 0.00	39.50 -3.67 0.00	40.23 -3.59 0.00	41.61 -3.67 0.00	46.07 -4.11 0.00	48.32 -4.37 0.00	51.43 -4.59 0.00	52.37 -4.74 -0.64	54.29 -4.18 -1.94	57.14 -3.29 -3.76	57.07 -2.95 -3.31	59.98 -2.50 0.00	54.61 -1.86 0.00	50.63 -2.33 0.00	44.37 -1.47 0.00	39.16 -0.64 0.00
DUNKIRK___1 23563	38.16 -1.55 0.00	33.98 -1.71 0.00	30.46 -2.01 0.00	28.38 -1.72 0.00	27.82 -1.78 0.00	32.01 -2.41 0.00	34.82 -2.89 0.32	32.57 -3.13 6.07	39.22 -3.93 0.00	39.50 -3.67 0.00	40.23 -3.59 0.00	41.61 -3.67 0.00	46.07 -4.11 0.00	48.32 -4.37 0.00	51.43 -4.59 0.00	52.37 -4.74 -0.64	54.29 -4.18 -1.94	57.14 -3.29 -3.76	57.07 -2.95 -3.31	59.98 -2.50 0.00	54.61 -1.86 0.00	50.63 -2.33 0.00	44.37 -1.47 0.00	39.16 -0.64 0.00
DUNKIRK___2 23564	38.16 -1.55 0.00	33.98 -1.71 0.00	30.46 -2.01 0.00	28.38 -1.72 0.00	27.82 -1.78 0.00	32.01 -2.41 0.00	34.82 -2.89 0.32	32.57 -3.13 6.07	39.22 -3.93 0.00	39.50 -3.67 0.00	40.23 -3.59 0.00	41.61 -3.67 0.00	46.07 -4.11 0.00	48.32 -4.37 0.00	51.43 -4.59 0.00	52.37 -4.74 -0.64	54.29 -4.18 -1.94	57.14 -3.29 -3.76	57.07 -2.95 -3.31	59.98 -2.50 0.00	54.61 -1.86 0.00	50.63 -2.33 0.00	44.37 -1.47 0.00	39.16 -0.64 0.00
DUNKIRK___3 23565	38.16 -1.55 0.00	34.02 -1.68 0.00	30.52 -1.95 0.00	28.44 -1.66 0.00	27.88 -1.72 0.00	32.08 -2.34 0.00	34.88 -2.81 0.34	32.34 -3.01 6.43	39.30 -3.84 0.00	39.59 -3.58 0.00	40.32 -3.51 0.00	41.66 -3.62 0.00	46.12 -4.06 0.00	48.37 -4.32 0.00	51.48 -4.54 0.00	52.42 -4.69 -0.63	54.26 -4.18 -1.91	57.08 -3.29 -3.71	56.97 -3.01 -3.26	59.91 -2.56 0.00	54.50 -1.98 0.00	50.53 -2.44 0.00	44.24 -1.60 0.00	39.00 -0.80 0.00
DUNKIRK___4 23566	38.16 -1.55 0.00	34.02 -1.68 0.00	30.52 -1.95 0.00	28.44 -1.66 0.00	27.88 -1.72 0.00	32.08 -2.34 0.00	34.88 -2.81 0.34	32.34 -3.01 6.43	39.30 -3.84 0.00	39.59 -3.58 0.00	40.32 -3.51 0.00	41.66 -3.62 0.00	46.12 -4.06 0.00	48.37 -4.32 0.00	51.48 -4.54 0.00	52.42 -4.69 -0.63	54.26 -4.18 -1.91	57.08 -3.29 -3.71	56.97 -3.01 -3.26	59.91 -2.56 0.00	54.50 -1.98 0.00	50.53 -2.44 0.00	44.24 -1.60 0.00	39.00 -0.80 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.93 2.22 0.00	37.41 1.71 0.00	34.06 1.59 0.00	31.87 1.78 0.00	31.43 1.83 0.00	36.28 1.86 0.00	40.39 2.36 0.00	44.66 2.88 0.00	46.34 3.19 0.00	46.62 3.45 0.00	47.33 3.51 0.00	49.08 3.80 0.00	54.40 4.22 0.00	57.33 4.64 0.00	61.68 5.66 0.00	66.56 6.38 -3.70	74.16 6.50 -11.13	84.57 6.35 -21.57	81.79 6.13 -18.95	68.91 6.43 0.00	61.56 5.08 0.00	56.78 3.81 0.00	49.14 3.30 0.00	43.10 3.30 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	41.65 1.95 0.00	37.20 1.50 0.00	33.84 1.36 0.00	31.66 1.57 0.00	31.22 1.63 0.00	36.08 1.65 0.00	40.08 2.05 0.00	44.28 2.51 0.00	45.91 2.76 0.00	46.06 2.89 0.00	46.76 2.94 0.00	48.49 3.21 0.00	53.74 3.56 0.00	56.64 3.95 0.00	60.84 4.82 0.00	65.53 5.42 -3.63	73.01 5.54 -10.94	83.24 5.38 -21.20	80.56 5.22 -18.63	68.10 5.62 0.00	60.94 4.46 0.00	56.30 3.34 0.00	48.73 2.89 0.00	42.62 2.83 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	42.26 2.54 -0.01	37.70 2.00 -0.01	34.33 1.85 -0.01	32.12 2.02 -0.01	31.70 2.10 -0.01	36.53 2.10 -0.01	40.58 2.55 0.00	44.91 3.13 0.00	46.21 3.06 0.00	46.58 3.41 0.00	47.60 3.77 0.00	49.31 4.03 0.00	54.75 4.57 0.00	57.38 4.69 0.00	62.01 5.99 0.00	66.96 6.78 -3.70	74.45 6.78 -11.13	84.81 6.57 -21.58	81.80 6.13 -18.96	68.92 6.43 -0.01	61.50 5.03 0.00	56.84 3.87 -0.01	49.47 3.62 -0.01	43.54 3.74 -0.01

E179THST_13_KV_LOAD 356214	42.46 2.74 -0.01	37.92 2.21 -0.01	34.49 2.01 -0.01	32.27 2.17 -0.01	31.85 2.25 -0.01	36.70 2.27 -0.01	40.77 2.74 0.00	45.12 3.34 0.00	46.47 3.32 0.00	46.84 3.67 0.00	47.86 4.03 0.00	49.63 4.35 0.00	55.10 4.92 0.00	57.75 5.06 0.00	62.40 6.39 0.00	67.41 7.23 -3.70	74.90 7.24 -11.13	85.26 7.03 -21.58	82.25 6.58 -18.96	69.42 6.93 -0.01	61.90 5.42 0.00	57.16 4.18 -0.01	49.75 3.90 -0.01	43.78 3.98 -0.01
EAST HAMPTON___GT 23717	43.44 3.53 -0.20	38.31 2.60 -0.01	34.58 2.11 0.00	32.52 2.41 -0.01	32.11 2.51 -0.01	36.76 2.34 0.00	41.07 3.04 0.00	45.45 3.68 0.00	47.16 4.01 0.00	48.13 4.96 0.00	47.55 3.72 0.00	49.49 4.21 0.00	55.85 5.67 0.00	60.80 6.37 -1.74	65.49 8.12 -1.35	71.88 8.98 -6.42	78.31 9.22 -12.56	89.81 9.12 -24.03	85.84 8.84 -20.28	72.50 9.00 -1.03	65.67 7.85 -1.34	58.42 5.46 0.00	48.75 4.58 1.67	44.64 4.85 0.00
EAST RIVER___6 23660	42.17 2.46 0.00	37.62 1.93 0.00	34.26 1.78 0.00	32.03 1.93 0.00	31.60 2.01 0.00	36.52 2.10 0.00	40.65 2.62 0.00	44.91 3.13 0.00	46.68 3.54 0.00	46.97 3.80 0.00	47.81 3.99 0.00	49.53 4.25 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.13 6.11 0.00	67.23 7.06 -3.70	74.72 7.07 -11.13	85.14 6.91 -21.57	82.24 6.58 -18.95	69.47 7.00 0.00	62.01 5.54 0.00	57.10 4.13 0.00	49.55 3.71 0.00	43.53 3.74 0.00
EAST RIVER___7 23524	42.17 2.46 0.00	37.62 1.93 0.00	34.26 1.78 0.00	32.03 1.93 0.00	31.60 2.01 0.00	36.52 2.10 0.00	40.65 2.62 0.00	44.91 3.13 0.00	46.68 3.54 0.00	46.97 3.80 0.00	47.81 3.99 0.00	49.53 4.25 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.13 6.11 0.00	67.23 7.06 -3.70	74.72 7.07 -11.13	85.14 6.91 -21.57	82.24 6.58 -18.95	69.47 7.00 0.00	62.01 5.54 0.00	57.10 4.13 0.00	49.55 3.71 0.00	43.53 3.74 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.85 2.14 0.00	37.34 1.64 0.00	34.00 1.53 0.00	31.81 1.72 0.00	31.40 1.81 0.00	36.21 1.79 0.00	40.31 2.28 0.00	44.57 2.80 0.00	46.21 3.06 0.00	46.49 3.32 0.00	47.20 3.37 0.00	48.95 3.67 0.00	54.24 4.06 0.00	57.17 5.06 0.00	61.45 5.43 0.00	66.38 6.21 -3.69	73.92 6.27 -11.11	84.38 6.18 -21.54	81.54 5.90 -18.93	68.72 6.25 0.00	61.39 4.91 0.00	56.62 3.65 0.00	49.00 3.16 0.00	42.98 3.18 0.00
EAST_HAMPTON___DIESEL 23722	43.44 3.53 -0.20	38.28 2.57 -0.01	34.55 2.08 0.00	32.49 2.38 -0.01	32.09 2.49 -0.01	36.73 2.31 0.00	41.03 3.00 0.00	45.41 3.63 0.00	47.07 3.93 0.00	48.09 4.92 0.00	47.46 3.64 0.00	49.39 4.12 0.00	55.75 5.57 0.00	60.70 6.27 -1.74	65.32 7.95 -1.35	71.71 8.81 -6.42	78.20 9.10 -12.56	89.64 8.95 -24.03	85.67 8.68 -20.28	72.31 8.81 -1.03	65.50 7.68 -1.34	58.26 5.30 0.00	48.61 4.45 1.67	44.56 4.77 0.00
EAST_POINT___SOLAR 323840	43.08 3.37 0.00	38.55 2.86 0.00	34.97 2.50 0.00	32.54 2.44 0.00	31.99 2.40 0.00	37.31 2.89 0.00	40.88 2.85 0.00	44.62 2.84 0.00	45.86 2.72 0.00	45.59 2.42 0.00	45.97 2.15 0.00	47.36 2.08 0.00	52.39 2.21 0.00	55.59 2.90 0.00	58.32 2.30 0.00	63.39 2.26 -4.65	72.99 2.32 -14.14	86.40 2.32 -27.42	84.55 3.74 -24.09	68.16 5.68 0.00	62.24 5.76 0.00	58.16 5.19 0.00	50.20 4.36 0.00	43.58 3.78 0.00
EAST_PULASKI___ESR 323781	39.43 -0.28 0.00	35.55 -0.14 0.00	32.28 -0.19 0.00	29.95 -0.15 0.00	29.39 -0.21 0.00	34.15 -0.28 0.00	37.84 -0.19 0.00	41.49 -0.29 0.00	42.71 -0.43 0.00	42.70 -0.47 0.00	43.43 -0.40 0.00	44.83 -0.45 0.00	49.63 -0.55 0.00	51.90 -0.79 0.00	55.18 -0.84 0.00	56.09 -0.68 -0.29	56.84 -0.57 -0.88	57.91 -0.46 -1.70	57.82 -0.39 -1.50	62.23 -0.25 0.00	56.25 -0.22 0.00	52.60 -0.37 0.00	45.66 -0.18 0.00	39.60 -0.20 0.00
EAST_RIVER___1 323558	42.09 2.38 0.00	37.55 1.86 0.00	34.19 1.72 0.00	31.97 1.87 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.58 2.55 0.00	44.87 3.09 0.00	46.60 3.45 0.00	46.88 3.71 0.00	47.68 3.86 0.00	49.40 4.12 0.00	54.75 4.57 0.00	57.59 4.90 0.00	61.90 5.88 0.00	67.00 6.83 -3.70	74.55 6.89 -11.13	84.96 6.74 -21.57	82.07 6.41 -18.95	69.22 6.75 0.00	61.78 5.31 0.00	56.94 3.97 0.00	49.42 3.58 0.00	43.41 3.62 0.00
EAST_RIVER___2 323559	42.17 2.46 0.00	37.62 1.93 0.00	34.26 1.78 0.00	32.03 1.93 0.00	31.60 2.01 0.00	36.52 2.10 0.00	40.65 2.62 0.00	44.91 3.13 0.00	46.68 3.54 0.00	46.97 3.80 0.00	47.81 3.99 0.00	49.53 4.25 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.13 6.11 0.00	67.23 7.06 -3.70	74.72 7.07 -11.13	85.14 6.91 -21.57	82.24 6.58 -18.95	69.47 7.00 0.00	62.01 5.54 0.00	57.10 4.13 0.00	49.55 3.71 0.00	43.53 3.74 0.00
EAST___DELAWARE_HYD 23607	41.77 2.06 0.00	37.30 1.61 0.00	33.87 1.40 0.00	31.66 1.56 0.00	31.19 1.60 0.00	36.14 1.72 0.00	40.12 2.09 0.00	44.37 2.59 0.00	45.95 2.80 0.00	46.11 2.94 0.00	46.76 2.94 0.00	48.49 3.22 0.00	53.80 3.62 0.00	56.65 3.95 0.00	60.78 4.76 0.00	65.47 5.48 -3.52	72.79 5.71 -10.55	82.42 5.56 -20.20	79.88 5.39 -17.78	68.41 5.94 0.00	61.33 4.86 0.00	56.67 3.71 0.00	49.05 3.21 0.00	42.74 2.94 0.00
EIGHT_POINT___WT_PWR 323820	38.75 -0.95 0.00	34.55 -1.14 0.00	30.95 -1.53 0.00	28.75 -1.35 0.00	28.17 -1.42 0.00	32.56 -1.86 0.00	37.23 -2.09 -1.29	63.94 -2.22 -24.38	42.58 -0.56 0.00	42.56 -0.60 0.00	43.08 -0.75 0.00	44.51 -0.77 0.00	48.93 -1.25 0.00	51.27 -1.42 0.00	54.28 -1.74 0.00	55.81 -1.41 -0.74	57.93 -0.85 -2.25	60.96 -0.06 -4.35	61.17 0.63 -3.83	64.22 1.75 0.00	58.28 1.81 0.00	54.34 1.37 0.00	46.71 0.87 0.00	41.22 1.43 0.00
ELBRIDGE_115KV_TB2 80188	39.19 -0.52 0.00	35.30 -0.39 0.00	32.08 -0.39 0.00	29.83 -0.27 0.00	29.30 -0.30 0.00	34.01 -0.41 0.00	37.69 -0.34 0.00	41.32 -0.46 0.00	42.63 -0.52 0.00	42.69 -0.47 0.00	43.39 -0.44 0.00	44.83 -0.45 0.00	49.68 -0.50 0.00	52.11 -0.58 0.00	55.51 -0.50 0.00	56.56 -0.34 -0.42	57.52 -0.28 -1.27	59.07 -0.06 -2.46	58.88 0.00 -2.17	62.60 0.12 0.00	56.48 0.00 0.00	52.70 -0.26 0.00	45.52 -0.32 0.00	39.60 -0.20 0.00
ELEC_TRO_TEK 24086	42.36 2.30 -0.35	37.64 1.93 -0.02	34.23 1.75 0.00	32.13 2.02 -0.02	31.71 2.10 -0.02	36.45 2.03 0.00	40.66 2.62 0.00	44.95 3.17 0.00	46.42 3.28 0.00	46.88 3.71 0.00	47.03 3.20 0.00	48.92 3.62 -0.02	54.77 4.57 -0.02	71.69 5.27 -13.73	73.00 6.27 -10.71	88.51 6.78 -25.26	86.13 7.12 -22.47	104.71 7.03 -41.02	92.97 6.75 -29.51	77.83 7.18 -8.17	72.87 5.82 -10.57	57.33 4.34 -0.02	65.25 3.99 -15.42	43.67 3.86 -0.02
ELLENBURG_WT_PWR 323604	40.22 0.51 0.00	36.13 0.43 0.00	32.76 0.29 0.00	30.10 0.00 0.00	29.53 -0.06 0.00	34.49 0.07 0.00	37.80 -0.23 0.00	41.57 -0.21 0.00	42.97 -0.17 0.00	42.87 -0.30 0.00	43.30 -0.52 0.00	44.51 -0.77 0.00	49.28 -0.90 0.00	51.58 -1.11 0.00	54.67 -1.34 0.00	54.50 -1.98 0.00	54.55 -1.98 0.00	54.56 -2.10 0.00	54.56 -2.16 0.00	60.10 -2.37 0.00	54.61 -1.86 0.00	51.85 -1.11 0.00	44.88 -0.96 0.00	38.80 -0.99 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.08 -1.63 0.00	34.05 -1.64 0.00	30.62 -1.85 0.00	28.53 -1.57 0.00	27.96 -1.63 0.00	32.19 -2.24 0.00	35.02 -2.66 0.34	32.35 -2.92 6.50	39.35 -3.80 0.00	39.63 -3.54 0.00	40.36 -3.46 0.00	41.66 -3.62 0.00	46.12 -4.06 0.00	48.32 -4.37 0.00	51.37 -4.65 0.00	52.35 -4.74 -0.61	54.10 -4.30 -1.86	56.87 -3.40 -3.61	56.71 -3.18 -3.17	59.48 -3.00 0.00	54.10 -2.37 0.00	50.10 -2.86 0.00	43.82 -2.02 0.00	38.68 -1.11 0.00
EMPIRE_CC_1 323656	40.62 0.91 0.00	36.34 0.64 0.00	33.35 0.88 0.00	31.12 1.02 0.00	30.57 0.98 0.00	35.28 0.86 0.00	39.06 1.03 0.00	42.99 1.21 0.00	44.48 1.34 0.00	44.46 1.29 0.00	45.14 1.31 0.00	46.73 1.45 0.00	51.79 1.61 0.00	54.38 1.69 0.00	57.86 1.85 0.00	62.72 2.20 -4.04	71.16 2.26 -12.36	83.06 2.43 -23.96	80.26 2.49 -21.05	65.16 2.68 0.00	58.57 2.09 0.00	54.45 1.48 0.00	47.22 1.37 0.00	41.11 1.31 0.00
EMPIRE_CC_2 323658	40.62 0.91 0.00	36.34 0.64 0.00	33.35 0.88 0.00	31.12 1.02 0.00	30.57 0.98 0.00	35.28 0.86 0.00	39.06 1.03 0.00	42.99 1.21 0.00	44.48 1.34 0.00	44.46 1.29 0.00	45.14 1.31 0.00	46.73 1.45 0.00	51.79 1.61 0.00	54.38 1.69 0.00	57.86 1.85 0.00	62.72 2.20 -4.04	71.16 2.26 -12.36	83.06 2.43 -23.96	80.26 2.49 -21.05	65.16 2.68 0.00	58.57 2.09 0.00	54.45 1.48 0.00	47.22 1.37 0.00	41.11 1.31 0.00
ENORWICH_115KV_TB1 80156	41.97 2.26 0.00	37.55 1.86 0.00	33.93 1.46 0.00	31.45 1.35 0.00	30.95 1.36 0.00	36.08 1.65 0.00	40.08 1.98 -0.07	45.53 2.42 -1.33	45.22 2.07 0.00	45.20 2.03 0.00	45.80 1.97 0.00	47.18 1.90 0.00	52.14 1.96 0.00	54.54 1.84 0.00	58.37 2.35 0.00	60.15 2.48 -1.19	62.85 2.71 -3.60	66.81 3.17 -6.98	66.36 3.52 -6.13	67.10 4.62 0.00	60.71 4.24 0.00	56.46 3.50 0.00	48.68 2.84 0.00	42.06 2.27 0.00
ERIE_ST__34_KV_TB1-2 80199	38.28 -1.43 0.00	34.16 -1.53 0.00	30.69 -1.79 0.00	28.65 -1.44 0.00	28.11 -1.48 0.00	32.36 -2.07 0.00	35.25 -2.62 0.34	32.83 -2.46 6.48	39.82 -3.32 0.00	40.15 -3.02 0.00	40.85 -2.98 0.00	42.20 -3.08 0.00	46.67 -3.51 0.00	48.95 -3.74 0.00	52.10 -3.92 0.00	52.60 -4.52 -0.65	54.36 -4.13 -1.95	57.11 -3.34 -3.79	56.98 -3.06 -3.33	60.29 -2.19 0.00	54.78 -1.69 0.00	50.74 -2.22 0.00	44.37 -1.47 0.00	38.96 -0.84 0.00
ERIE_WT_PWR 323693	38.24 -1.47 0.00	34.16 -1.53 0.00	30.69 -1.79 0.00	28.60 -1.50 0.00	28.02 -1.57 0.00	32.26 -2.17 0.00	35.02 -2.62 0.39	31.60 -2.84 7.34	39.43 -3.71 0.00	39.71 -3.46 0.00	40.41 -3.42 0.00	41.75 -3.53 0.00	46.21 -3.97 0.00	48.64 -4.06 0.00	50.92 -5.10 0.00	52.25 -4.86 -0.64	54.27 -4.18 -1.93	57.05 -3.34 -3.73	56.93 -3.06 -3.28	59.79 -2.68 0.00	54.33 -2.15 0.00	50.32 -2.65 0.00	44.01 -1.84 0.00	38.84 -0.96 0.00
ESPRGFLD_115KV_TB1 80157	42.21 2.50 0.00	37.80 2.11 0.00	34.29 1.82 0.00	31.94 1.84 0.00	31.40 1.81 0.00	36.56 2.13 0.00	40.39 2.36 0.00	44.53 2.76 0.00	45.82 2.67 0.00	45.80 2.63 0.00	46.46 2.63 0.00	47.95 2.67 0.00	53.14 2.96 0.00	55.91 3.21 0.00	59.60 3.59 0.00	60.45 3.73 -0.24	61.02 3.73 -0.76	61.87 3.74 -1.47	62.15 4.14 -1.29	67.60 5.12 0.00	61.11 4.63 0.00	56.88 3.92 0.00	49.28 3.44 0.00	42.74 2.94 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.18 0.48 0.00	36.09 0.39 0.00	32.73 0.26 0.00	30.43 0.33 0.00	29.92 0.33 0.00	34.73 0.31 0.00	38.68 0.53 -0.12	44.64 0.67 -2.19	43.70 0.56 0.00	43.73 0.56 0.00	44.35 0.53 0.00	45.82 0.54 0.00	50.73 0.55 0.00	53.27 0.58 0.00	56.80 0.78 0.00	58.29 0.96 -0.85	60.19 1.07 -2.58	63.08 1.42 -5.00	62.70 1.59 -4.39	64.54 2.06 0.00	58.28 1.81 0.00	54.29 1.32 0.00	46.80 0.96 0.00	40.67 0.88 0.00
ETNA____115KV_TB2 80207	40.18 0.48 0.00	36.09 0.39 0.00	32.73 0.26 0.00	30.43 0.33 0.00	29.92 0.33 0.00	34.73 0.31 0.00	38.68 0.53 -0.12	44.64 0.67 -2.19	43.70 0.56 0.00	43.73 0.56 0.00	44.35 0.53 0.00	45.82 0.54 0.00	50.73 0.55 0.00	53.27 0.58 0.00	56.80 0.78 0.00	58.29 0.96 -0.85	60.19 1.07 -2.58	63.08 1.42 -5.00	62.70 1.59 -4.39	64.54 2.06 0.00	58.28 1.81 0.00	54.29 1.32 0.00	46.80 0.96 0.00	40.67 0.88 0.00
EUCLID___115KV_TB2 356179	38.99 -0.71 0.00	35.16 -0.54 0.00	31.95 -0.52 0.00	29.68 -0.42 0.00	29.18 -0.41 0.00	33.87 -0.55 0.00	37.54 -0.49 0.00	41.11 -0.67 0.00	42.41 -0.73 0.00	42.48 -0.69 0.00	43.17 -0.66 0.00	44.64 -0.63 0.00	49.48 -0.70 0.00	51.90 -0.79 0.00	55.29 -0.73 0.00	56.24 -0.56 -0.33	57.03 -0.51 -1.01	58.21 -0.40 -1.95	58.09 -0.34 -1.72	62.16 -0.31 0.00	56.08 -0.40 0.00	52.33 -0.64 0.00	45.20 -0.64 0.00	39.36 -0.44 0.00
E_CANADA_CAP_HY 24051	42.92 3.21 0.00	38.44 2.75 0.00	34.88 2.40 0.00	32.45 2.35 0.00	31.90 2.31 0.00	37.21 2.79 0.00	40.96 2.93 0.00	44.99 3.22 0.00	46.29 3.15 0.00	46.11 2.94 0.00	46.63 2.81 0.00	48.13 2.85 0.00	53.39 3.21 0.00	56.28 3.58 0.00	59.61 3.59 0.00	65.09 3.78 -4.83	75.06 3.85 -14.68	88.98 3.85 -28.46	86.37 4.65 -25.01	68.35 5.87 0.00	61.95 5.48 0.00	57.78 4.82 0.00	50.01 4.17 0.00	43.41 3.62 0.00
E_CANADA_MHWK_HY 24050	39.31 -0.40 0.00	35.27 -0.43 0.00	32.08 -0.39 0.00	29.77 -0.33 0.00	29.30 -0.30 0.00	34.08 -0.34 0.00	37.69 -0.34 0.00	41.44 -0.34 0.00	42.80 -0.35 0.00	42.82 -0.35 0.00	43.52 -0.30 0.00	44.91 -0.36 0.00	49.78 -0.40 0.00	52.27 -0.42 0.00	55.63 -0.39 0.00	56.19 -0.28 0.00	56.31 -0.23 0.00	56.32 -0.34 0.00	56.38 -0.34 0.00	62.16 -0.31 0.00	56.08 -0.39 0.00	52.43 -0.53 0.00	45.57 -0.27 0.00	39.52 -0.28 0.00
E_FISHKILL___LBMP 23776	41.53 1.83 0.00	37.09 1.39 0.00	33.80 1.33 0.00	31.60 1.50 0.00	31.16 1.57 0.00	35.97 1.55 0.00	39.97 1.94 0.00	44.16 2.38 0.00	45.78 2.63 0.00	45.98 2.81 0.00	46.68 2.85 0.00	48.36 3.08 0.00	53.59 3.41 0.00	56.43 3.74 0.00	60.61 4.59 0.00	65.41 5.20 -3.74	73.10 5.31 -11.25	83.69 5.21 -21.82	80.93 5.05 -19.17	67.85 5.37 0.00	60.66 4.18 0.00	56.04 3.07 0.00	48.55 2.70 0.00	42.54 2.75 0.00
FALCON___SEABRD_CC1 323796	40.66 0.95 0.00	36.52 0.82 0.00	33.12 0.65 0.00	30.43 0.33 0.00	29.86 0.27 0.00	34.84 0.41 0.00	38.18 0.15 0.00	42.07 0.29 0.00	43.45 0.30 0.00	43.30 0.13 0.00	43.74 -0.09 0.00	44.96 -0.31 0.00	49.78 -0.40 0.00	52.06 -0.63 0.00	55.23 -0.78 0.00	55.01 -1.47 0.00	55.06 -1.47 0.00	55.13 -1.53 0.00	55.13 -1.59 0.00	60.73 -1.75 0.00	55.18 -1.30 0.00	52.38 -0.58 0.00	45.29 -0.55 0.00	39.20 -0.60 0.00
FALCON___SEABRD_CC2 323797	40.66 0.95 0.00	36.52 0.82 0.00	33.12 0.65 0.00	30.43 0.33 0.00	29.86 0.27 0.00	34.84 0.41 0.00	38.18 0.15 0.00	42.07 0.29 0.00	43.45 0.30 0.00	43.30 0.13 0.00	43.74 -0.09 0.00	44.96 -0.31 0.00	49.78 -0.40 0.00	52.06 -0.63 0.00	55.23 -0.78 0.00	55.01 -1.47 0.00	55.06 -1.47 0.00	55.13 -1.53 0.00	55.13 -1.59 0.00	60.73 -1.75 0.00	55.18 -1.30 0.00	52.38 -0.58 0.00	45.29 -0.55 0.00	39.20 -0.60 0.00

FAR ROCKAWAY___4 23548	42.97 2.94 -0.32	38.18 2.46 -0.02	34.71 2.24 0.00	32.58 2.47 -0.01	32.12 2.52 -0.01	36.94 2.51 0.00	41.23 3.19 0.00	45.66 3.89 0.00	47.16 4.01 0.00	47.66 4.49 0.00	47.86 4.03 0.00	49.86 4.53 -0.05	56.01 5.77 -0.06	91.29 6.59 -32.01	88.72 7.73 -24.97	118.74 8.30 -53.96	102.76 8.65 -37.58	132.13 8.56 -66.91	108.61 8.34 -43.56	90.45 8.93 -19.04	88.47 7.34 -24.65	58.74 5.72 -0.06	87.41 5.09 -36.48	44.54 4.70 -0.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.09 2.38 0.00	37.55 1.86 0.00	34.16 1.69 0.00	31.97 1.87 0.00	31.54 1.95 0.00	36.42 2.00 0.00	40.54 2.51 0.00	44.91 3.13 0.00	46.60 3.45 0.00	46.88 3.71 0.00	47.68 3.86 0.00	49.40 4.12 0.00	54.75 4.57 0.00	57.65 4.95 0.00	62.12 6.11 0.00	67.01 6.83 -3.70	74.55 6.90 -11.13	84.97 6.74 -21.57	82.07 6.41 -18.95	69.22 6.75 0.00	61.78 5.31 0.00	56.94 3.97 0.00	49.37 3.53 0.00	43.34 3.54 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.09 2.38 0.00	37.55 1.86 0.00	34.19 1.72 0.00	31.97 1.87 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.58 2.55 0.00	44.91 3.13 0.00	46.60 3.45 0.00	46.88 3.71 0.00	47.68 3.86 0.00	49.40 4.12 0.00	54.75 4.57 0.00	57.65 4.95 0.00	62.12 6.11 0.00	67.01 6.83 -3.70	74.55 6.90 -11.13	84.97 6.74 -21.57	82.13 6.47 -18.95	69.22 6.75 0.00	61.78 5.31 0.00	56.94 3.97 0.00	49.42 3.58 0.00	43.34 3.54 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.05 2.34 0.00	37.52 1.82 0.00	34.16 1.69 0.00	31.97 1.87 0.00	31.54 1.95 0.00	36.42 2.00 0.00	40.54 2.51 0.00	44.87 3.09 0.00	46.55 3.41 0.00	46.88 3.71 0.00	47.68 3.86 0.00	49.35 4.08 0.00	54.70 4.52 0.00	57.59 4.90 0.00	62.07 6.05 0.00	66.95 6.78 -3.70	74.55 6.90 -11.13	84.91 6.69 -21.57	82.02 6.35 -18.95	69.16 6.68 0.00	61.73 5.25 0.00	56.88 3.92 0.00	49.37 3.53 0.00	43.30 3.50 0.00
FARRAGUT___LBMP 323566	42.05 2.34 0.00	37.52 1.82 0.00	34.13 1.66 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.39 1.96 0.00	40.50 2.47 0.00	44.83 3.05 0.00	46.51 3.37 0.00	46.84 3.67 0.00	47.60 3.77 0.00	49.31 4.03 0.00	54.65 4.47 0.00	57.54 4.85 0.00	61.96 5.94 0.00	66.89 6.72 -3.70	74.44 6.78 -11.13	84.85 6.63 -21.57	81.96 6.30 -18.95	69.03 6.56 0.00	61.67 5.20 0.00	56.83 3.87 0.00	49.33 3.48 0.00	43.26 3.46 0.00
FENNER___WINDPWR 24204	40.38 0.67 0.00	36.30 0.61 0.00	32.96 0.49 0.00	30.58 0.48 0.00	30.04 0.44 0.00	34.97 0.55 0.00	38.72 0.69 0.00	42.61 0.84 0.00	43.88 0.73 0.00	43.90 0.73 0.00	44.62 0.79 0.00	46.05 0.77 0.00	51.03 0.85 0.00	53.53 0.84 0.00	56.97 0.95 0.00	58.01 1.07 -0.46	59.13 1.19 -1.41	60.75 1.36 -2.73	60.53 1.42 -2.40	64.29 1.81 0.00	58.05 1.58 0.00	54.23 1.27 0.00	46.85 1.01 0.00	40.59 0.80 0.00
FIBERTEK___ENERGY 23856	39.39 -0.32 0.00	35.52 -0.18 0.00	32.25 -0.23 0.00	29.98 -0.12 0.00	29.44 -0.15 0.00	34.18 -0.24 0.00	37.96 -0.08 0.00	41.61 -0.17 0.00	42.93 -0.22 0.00	43.04 -0.13 0.00	43.70 -0.13 0.00	45.19 -0.09 0.00	50.08 -0.10 0.00	52.53 -0.16 0.00	55.96 -0.06 0.00	56.99 0.11 -0.40	57.85 0.11 -1.20	59.27 0.28 -2.33	59.10 0.34 -2.05	62.91 0.44 0.00	56.76 0.28 0.00	53.02 0.05 0.00	45.75 -0.09 0.00	39.79 0.00 0.00
FITZPATRICK___ 23598	38.44 -1.27 0.00	34.70 -1.00 0.00	31.53 -0.94 0.00	29.29 -0.81 0.00	28.79 -0.80 0.00	33.42 -1.00 0.00	36.97 -1.06 0.00	40.44 -1.34 0.00	41.72 -1.42 0.00	41.75 -1.42 0.00	42.42 -1.40 0.00	43.83 -1.45 0.00	48.57 -1.61 0.00	51.00 -1.69 0.00	54.17 -1.85 0.00	55.07 -1.64 -0.24	55.67 -1.58 -0.72	56.58 -1.47 -1.40	56.53 -1.42 -1.23	60.92 -1.56 0.00	55.01 -1.47 0.00	51.43 -1.54 0.00	44.47 -1.37 0.00	38.68 -1.11 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.93 2.22 0.00	37.48 1.78 0.00	34.06 1.59 0.00	31.87 1.78 0.00	31.43 1.83 0.00	36.35 1.93 0.00	40.35 2.32 0.00	44.62 2.84 0.00	46.25 3.11 0.00	46.41 3.24 0.00	47.11 3.29 0.00	48.86 3.58 0.00	54.19 4.01 0.00	57.17 4.48 0.00	61.40 5.38 0.00	66.22 6.04 -3.70	73.91 6.22 -11.16	84.35 6.06 -21.63	81.56 5.84 -19.00	68.72 6.25 0.00	61.45 4.97 0.00	56.78 3.81 0.00	49.10 3.25 0.00	42.94 3.14 0.00
FORT ORANGE___ 23900	40.58 0.87 0.00	36.34 0.64 0.00	33.25 0.78 0.00	31.00 0.90 0.00	30.48 0.89 0.00	35.28 0.86 0.00	39.02 0.99 0.00	42.86 1.08 0.00	44.31 1.17 0.00	44.29 1.12 0.00	44.96 1.14 0.00	46.54 1.27 0.00	51.64 1.46 0.00	54.27 1.58 0.00	57.53 1.51 0.00	62.46 1.86 -4.12	70.89 1.92 -12.44	82.33 2.04 -23.63	79.63 2.10 -20.82	64.72 2.25 0.00	58.23 1.75 0.00	54.18 1.22 0.00	46.90 1.06 0.00	40.83 1.03 0.00
FORT_DRUM_COGEN 23780	41.14 1.43 0.00	37.02 1.32 0.00	33.48 1.01 0.00	30.94 0.84 0.00	30.24 0.65 0.00	35.39 0.96 0.00	39.10 1.06 0.00	43.03 1.25 0.00	44.09 0.95 0.00	43.95 0.78 0.00	44.66 0.83 0.00	45.91 0.63 0.00	50.78 0.60 0.00	53.06 0.37 0.00	56.63 0.62 0.00	57.24 0.56 -0.20	57.82 0.68 -0.61	58.59 0.74 -1.19	58.78 1.02 -1.05	64.16 1.69 0.00	58.28 1.81 0.00	54.61 1.64 0.00	47.31 1.47 0.00	40.67 0.88 0.00
FOX_HILLS___ESR 323835	42.33 2.62 0.00	37.73 2.03 0.00	34.32 1.85 0.00	32.06 1.96 0.00	31.63 2.04 0.00	36.42 2.00 0.00	40.47 2.43 0.00	44.83 3.05 0.00	46.25 3.11 0.00	46.62 3.45 0.00	47.51 3.68 0.00	49.02 3.98 0.24	50.41 4.52 4.29	52.14 4.79 5.35	55.83 5.99 6.19	59.14 6.78 4.12	68.30 6.73 -5.04	78.98 6.52 -15.81	73.45 6.18 -10.56	61.52 6.37 7.32	61.50 5.03 0.00	51.28 3.71 5.39	49.42 3.58 0.00	43.62 3.82 -0.01
FPL_FAR_ROCK_GT1 24212	42.97 2.94 -0.32	38.21 2.50 -0.02	34.71 2.24 0.00	32.58 2.47 -0.01	32.12 2.51 -0.01	36.93 2.51 0.00	41.23 3.20 0.00	45.66 3.89 0.00	47.20 4.05 0.00	47.79 4.62 0.00	47.86 4.03 0.00	49.86 4.53 -0.05	56.01 5.77 -0.06	91.29 6.59 -32.01	88.94 7.95 -24.97	118.91 8.47 -53.96	102.76 8.65 -37.58	132.01 8.44 -66.91	108.61 8.34 -43.56	90.45 8.93 -19.04	88.47 7.34 -24.65	58.63 5.61 -0.06	87.41 5.09 -36.48	44.58 4.73 -0.06
FPL_FAR_ROCK_GT2 23815	42.97 2.94 -0.32	38.21 2.50 -0.02	34.71 2.24 0.00	32.58 2.47 -0.01	32.12 2.51 -0.01	36.93 2.51 0.00	41.23 3.20 0.00	45.66 3.89 0.00	47.20 4.05 0.00	47.79 4.62 0.00	47.86 4.03 0.00	49.86 4.53 -0.05	56.01 5.77 -0.06	91.29 6.59 -32.01	88.94 7.95 -24.97	118.91 8.47 -53.96	102.76 8.65 -37.58	132.01 8.44 -66.91	108.61 8.34 -43.56	90.45 8.93 -19.04	88.47 7.34 -24.65	58.63 5.61 -0.06	87.41 5.09 -36.48	44.58 4.73 -0.06
FRANKLIN_FALL_HYD 24054	40.70 0.99 0.00	36.59 0.89 0.00	33.12 0.65 0.00	30.43 0.33 0.00	29.86 0.27 0.00	34.94 0.52 0.00	38.26 0.23 0.00	42.19 0.42 0.00	43.58 0.43 0.00	43.43 0.26 0.00	43.91 0.09 0.00	45.14 -0.14 0.00	50.03 -0.15 0.00	52.38 -0.32 0.00	55.35 -0.67 0.00	55.29 -1.19 0.00	55.46 -1.07 0.00	55.30 -1.36 0.00	55.30 -1.42 0.00	61.04 -1.44 0.00	55.46 -1.02 0.00	52.70 -0.26 0.00	45.52 -0.32 0.00	39.36 -0.44 0.00



FREEPORT_EQUS_GT1 23764	42.55 2.58 -0.27	37.85 2.14 -0.01	34.42 1.95 0.00	32.31 2.20 -0.01	31.88 2.28 -0.01	36.63 2.21 0.00	40.92 2.89 0.00	45.24 3.47 0.00	46.77 3.62 0.00	47.31 4.14 0.00	47.29 3.46 0.00	49.19 3.89 -0.02	55.16 4.97 -0.02	69.71 5.48 -11.54	71.85 6.83 -9.00	85.46 7.17 -21.81	84.49 7.30 -20.66	101.71 7.14 -37.91	91.51 6.97 -27.82	76.77 7.43 -6.86	71.63 6.27 -8.88	57.80 4.82 -0.02	62.63 4.36 -12.43	44.11 4.30 -0.02
FREEPORT___CT2 23818	42.55 2.58 -0.27	37.85 2.14 -0.01	34.42 1.95 0.00	32.31 2.20 -0.01	31.88 2.28 -0.01	36.63 2.21 0.00	40.92 2.89 0.00	45.24 3.47 0.00	46.77 3.62 0.00	47.31 4.14 0.00	47.29 3.46 0.00	49.19 3.89 -0.02	55.16 4.97 -0.02	69.71 5.48 -11.54	71.85 6.83 -9.00	85.46 7.17 -21.81	84.49 7.30 -20.66	101.71 7.14 -37.91	91.51 6.97 -27.82	76.77 7.43 -6.86	71.63 6.27 -8.88	57.80 4.82 -0.02	62.63 4.36 -12.43	44.11 4.30 -0.02
FRESHKLS_33_KV_LOAD 356253	42.37 2.66 0.00	37.77 2.07 0.00	34.36 1.88 0.00	32.06 1.96 0.00	31.66 2.07 0.00	36.42 2.00 0.00	40.47 2.43 0.00	44.83 3.05 0.00	46.16 3.02 0.00	46.54 3.37 0.00	47.42 3.59 0.00	48.93 3.89 0.24	50.29 4.42 4.30	52.07 4.74 5.37	55.81 5.99 6.20	59.12 6.78 4.13	68.34 6.78 -5.03	78.97 6.52 -15.79	73.44 6.18 -10.54	61.51 6.37 7.34	54.70 5.03 6.80	51.26 3.71 5.41	49.36 3.53 0.01	43.66 3.86 -0.01
FULTON COGEN____ 23766	38.68 -1.03 0.00	34.91 -0.79 0.00	31.73 -0.75 0.00	29.47 -0.63 0.00	28.97 -0.62 0.00	33.63 -0.79 0.00	37.27 -0.76 0.00	40.81 -0.96 0.00	42.11 -1.04 0.00	42.18 -0.99 0.00	42.82 -1.01 0.00	44.28 -1.00 0.00	49.08 -1.10 0.00	51.43 -1.26 0.00	54.79 -1.23 0.00	55.72 -1.07 -0.31	56.41 -1.07 -0.95	57.59 -0.91 -1.84	57.48 -0.85 -1.61	61.60 -0.87 0.00	55.57 -0.90 0.00	51.91 -1.06 0.00	44.88 -0.96 0.00	39.04 -0.76 0.00
FULTON___LFGE 323630	42.72 3.02 0.00	38.27 2.57 0.00	34.71 2.24 0.00	32.30 2.20 0.00	31.75 2.16 0.00	37.04 2.61 0.00	40.81 2.77 0.00	44.87 3.09 0.00	46.16 3.02 0.00	45.97 2.80 0.00	46.50 2.67 0.00	48.04 2.76 0.00	53.29 3.11 0.00	56.17 3.48 0.00	59.55 3.53 0.00	64.81 3.73 -4.61	74.33 3.79 -14.01	87.72 3.91 -27.15	85.16 4.59 -23.86	68.16 5.68 0.00	61.73 5.25 0.00	57.63 4.66 0.00	49.78 3.94 0.00	43.22 3.42 0.00
G.F.CEMENT___DRP 24184	41.61 1.91 0.00	37.34 1.64 0.00	33.93 1.46 0.00	31.57 1.47 0.00	31.04 1.45 0.00	36.11 1.69 0.00	39.89 1.86 0.00	43.99 2.21 0.00	45.39 2.24 0.00	45.28 2.12 0.00	45.89 2.06 0.00	47.23 1.95 0.00	52.49 2.31 0.00	55.22 2.53 0.00	58.76 2.74 0.00	63.57 2.82 -4.27	72.43 2.88 -13.02	85.34 3.46 -25.23	82.57 3.69 -22.17	66.79 4.31 0.00	60.26 3.78 0.00	56.30 3.34 0.00	48.59 2.75 0.00	42.26 2.47 0.00
GARDENVILLE___LBMP 24039	38.16 -1.55 0.00	34.05 -1.64 0.00	30.56 -1.92 0.00	28.50 -1.60 0.00	27.90 -1.69 0.00	32.12 -2.31 0.00	34.52 -2.74 0.78	24.20 -2.92 14.65	39.30 -3.84 0.00	39.54 -3.63 0.00	40.23 -3.59 0.00	41.52 -3.76 0.00	45.97 -4.22 0.00	48.21 -4.48 0.00	51.31 -4.71 0.00	52.23 -4.91 -0.66	54.07 -4.47 -2.01	56.98 -3.57 -3.89	56.85 -3.29 -3.42	59.54 -2.94 0.00	54.16 -2.32 0.00	50.21 -2.75 0.00	43.92 -1.93 0.00	38.72 -1.07 0.00
GARDNVLA_35_KV_LD 355827	38.32 -1.39 0.00	34.23 -1.46 0.00	30.72 -1.75 0.00	28.65 -1.44 0.00	28.08 -1.51 0.00	32.32 -2.10 0.00	35.11 -2.55 0.37	32.03 -2.80 6.95	39.52 -3.62 0.00	39.80 -3.37 0.00	40.50 -3.33 0.00	41.84 -3.44 0.00	46.32 -3.86 0.00	48.53 -4.16 0.00	51.65 -4.37 0.00	52.54 -4.57 -0.64	54.39 -4.07 -1.93	57.17 -3.23 -3.74	57.05 -2.95 -3.29	59.85 -2.62 0.00	54.44 -2.03 0.00	50.42 -2.54 0.00	44.15 -1.70 0.00	38.92 -0.88 0.00
GELCKHM___115KV_LOAD 80723	39.11 -0.60 0.00	35.27 -0.43 0.00	32.05 -0.42 0.00	29.80 -0.30 0.00	29.27 -0.33 0.00	33.98 -0.45 0.00	37.69 -0.34 0.00	41.27 -0.50 0.00	42.63 -0.52 0.00	42.69 -0.47 0.00	43.39 -0.44 0.00	44.83 -0.45 0.00	49.68 -0.50 0.00	52.17 -0.53 0.00	55.57 -0.45 0.00	56.49 -0.34 -0.36	57.33 -0.28 -1.08	58.63 -0.11 -2.09	58.44 -0.11 -1.84	62.41 -0.06 0.00	56.31 -0.17 0.00	52.59 -0.37 0.00	45.38 -0.46 0.00	39.52 -0.28 0.00
GENERAL___MILLS 23808	38.24 -1.47 0.00	34.16 -1.53 0.00	30.69 -1.79 0.00	28.59 -1.50 0.00	28.02 -1.57 0.00	32.25 -2.17 0.00	35.02 -2.62 0.39	31.60 -2.84 7.34	39.48 -3.67 0.00	39.72 -3.45 0.00	40.45 -3.37 0.00	41.75 -3.53 0.00	46.22 -3.96 0.00	48.42 -4.27 0.00	51.54 -4.48 0.00	52.42 -4.69 -0.64	54.22 -4.24 -1.93	57.05 -3.34 -3.73	56.93 -3.06 -3.28	59.73 -2.75 0.00	54.33 -2.15 0.00	50.32 -2.65 0.00	44.05 -1.79 0.00	38.84 -0.96 0.00
GE_PLASTICS___DRP 24183	40.46 0.75 0.00	36.23 0.54 0.00	33.15 0.68 0.00	30.91 0.81 0.00	30.39 0.80 0.00	35.18 0.76 0.00	38.91 0.87 0.00	42.78 1.00 0.00	44.27 1.12 0.00	44.25 1.08 0.00	44.92 1.10 0.00	46.50 1.22 0.00	51.59 1.41 0.00	54.22 1.53 0.00	57.13 1.18 0.06	61.42 1.41 -3.54	66.91 1.47 -8.91	66.91 1.47 -8.78	66.91 1.47 -8.72	64.10 1.62 0.00	57.61 1.13 0.00	53.60 0.64 0.00	46.44 0.60 0.00	40.47 0.68 0.00
GILBOA___1 23756	40.62 0.91 0.00	36.37 0.68 0.00	33.29 0.81 0.00	31.15 1.05 0.00	30.57 0.98 0.00	35.35 0.93 0.00	39.02 0.99 0.00	43.03 1.25 0.00	44.48 1.34 0.00	44.55 1.38 0.00	45.27 1.44 0.00	46.82 1.54 0.00	51.89 1.71 0.00	54.59 1.89 0.00	58.15 2.13 0.00	62.49 2.60 -3.41	69.34 2.48 -10.32	79.05 2.38 -20.01	76.68 2.38 -17.58	65.22 2.75 0.00	58.62 2.15 0.00	54.50 1.54 0.00	47.26 1.42 0.00	41.22 1.43 0.00
GILBOA___2 23757	40.62 0.91 0.00	36.37 0.68 0.00	33.29 0.81 0.00	31.15 1.05 0.00	30.57 0.98 0.00	35.35 0.93 0.00	39.02 0.99 0.00	43.03 1.25 0.00	44.48 1.34 0.00	44.55 1.38 0.00	45.27 1.44 0.00	46.82 1.54 0.00	51.89 1.71 0.00	54.59 1.89 0.00	58.15 2.13 0.00	62.49 2.60 -3.41	69.34 2.48 -10.32	79.05 2.38 -20.01	76.68 2.38 -17.58	65.22 2.75 0.00	58.62 2.15 0.00	54.50 1.54 0.00	47.26 1.42 0.00	41.22 1.43 0.00
GILBOA___3 23758	40.62 0.91 0.00	36.37 0.68 0.00	33.29 0.81 0.00	31.15 1.05 0.00	30.57 0.98 0.00	35.35 0.93 0.00	39.02 0.99 0.00	43.03 1.25 0.00	44.48 1.34 0.00	44.55 1.38 0.00	45.27 1.44 0.00	46.82 1.54 0.00	51.89 1.71 0.00	54.59 1.89 0.00	58.15 2.13 0.00	62.49 2.60 -3.41	69.34 2.48 -10.32	79.05 2.38 -20.01	76.68 2.38 -17.58	65.22 2.75 0.00	58.62 2.15 0.00	54.50 1.54 0.00	47.26 1.42 0.00	41.22 1.43 0.00
GILBOA___4 23759	40.62 0.91 0.00	36.37 0.68 0.00	33.29 0.81 0.00	31.15 1.05 0.00	30.57 0.98 0.00	35.35 0.93 0.00	39.02 0.99 0.00	43.03 1.25 0.00	44.48 1.34 0.00	44.55 1.38 0.00	45.27 1.44 0.00	46.82 1.54 0.00	51.89 1.71 0.00	54.59 1.89 0.00	58.15 2.13 0.00	62.49 2.60 -3.41	69.34 2.48 -10.32	79.05 2.38 -20.01	76.68 2.38 -17.58	65.22 2.75 0.00	58.62 2.15 0.00	54.50 1.54 0.00	47.26 1.42 0.00	41.22 1.43 0.00

GILBOA____ 23599	40.62 0.91 0.00	36.37 0.68 0.00	33.28 0.81 0.00	31.15 1.05 0.00	30.57 0.98 0.00	35.35 0.93 0.00	39.02 0.99 0.00	43.03 1.25 0.00	44.48 1.34 0.00	44.55 1.38 0.00	45.27 1.45 0.00	46.82 1.54 0.00	51.89 1.71 0.00	54.59 1.90 0.00	58.32 2.30 0.00	62.49 2.60 -3.41	69.34 2.49 -10.32	79.05 2.38 -20.01	76.68 2.38 -17.58	65.22 2.75 0.00	58.62 2.15 0.00	54.45 1.48 0.00	47.26 1.42 0.00	41.23 1.43 0.00
GINNA____ 23603	37.33 -2.38 0.00	33.52 -2.18 0.00	30.26 -2.21 0.00	28.11 -1.99 0.00	27.58 -2.01 0.00	31.98 -2.44 0.00	35.29 -2.74 0.00	38.81 -2.97 0.00	39.91 -3.24 0.00	40.02 -3.15 0.00	40.76 -3.07 0.00	42.11 -3.17 0.00	46.67 -3.51 0.00	49.00 -3.69 0.00	51.76 -4.26 0.00	53.26 -3.67 -0.45	54.40 -3.51 -1.38	56.44 -2.89 -2.67	56.23 -2.83 -2.35	59.29 -3.18 0.00	53.71 -2.77 0.00	49.95 -3.02 0.00	43.14 -2.70 0.00	37.81 -1.99 0.00
GLEN PARK____ 23778	41.34 1.63 0.00	37.19 1.50 0.00	33.61 1.14 0.00	31.06 0.96 0.00	30.39 0.80 0.00	35.56 1.13 0.00	39.28 1.25 0.00	43.24 1.46 0.00	44.22 1.08 0.00	44.12 0.95 0.00	44.79 0.96 0.00	46.09 0.82 0.00	50.98 0.80 0.00	53.22 0.53 0.00	56.75 0.73 0.00	57.42 0.73 -0.21	58.07 0.90 -0.64	58.96 1.07 -1.23	59.16 1.36 -1.08	64.60 2.13 0.00	58.68 2.20 0.00	54.98 2.01 0.00	47.58 1.74 0.00	40.91 1.11 0.00
GLENDALE_27_KV_LOAD 356172	42.29 2.58 0.00	37.73 2.03 0.00	34.36 1.88 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.56 2.13 0.00	40.69 2.66 0.00	45.08 3.30 0.00	46.68 3.54 0.00	47.01 3.84 0.00	47.90 4.08 0.00	49.63 4.35 0.00	55.05 4.87 0.00	57.86 5.16 0.00	62.40 6.39 0.00	67.33 7.17 -3.68	74.77 7.12 -11.12	85.20 6.97 -21.57	82.24 6.58 -18.95	69.35 6.87 0.00	61.90 5.42 0.00	57.10 4.13 0.00	49.60 3.76 0.00	43.61 3.82 0.00
GLENWOOD_IC_1_G5 23712	42.55 2.50 -0.34	37.71 2.00 -0.02	34.32 1.85 0.00	32.16 2.05 -0.02	31.74 2.13 -0.02	36.56 2.13 0.00	40.69 2.66 0.00	45.03 3.26 0.00	46.64 3.49 0.00	47.01 3.84 0.00	47.46 3.64 0.00	49.32 4.03 -0.01	54.70 4.52 -0.01	65.60 5.11 -7.80	68.26 6.16 -6.08	79.20 6.78 -15.95	81.11 7.01 -17.57	96.13 6.86 -32.62	88.24 6.58 -24.95	74.05 6.93 -4.64	68.02 5.53 -6.00	57.10 4.13 -0.01	57.87 3.67 -8.36	43.66 3.86 -0.01
GLENWOOD_IC_2_G1 23688	42.02 2.30 -0.01	37.52 1.82 0.00	34.16 1.69 0.00	32.00 1.90 0.00	31.57 1.98 0.00	36.38 1.96 0.00	40.54 2.51 0.00	44.87 3.09 0.00	46.47 3.32 0.00	46.84 3.67 0.00	47.29 3.46 0.00	49.08 3.80 0.00	54.60 4.42 0.00	61.53 4.90 -3.94	65.02 5.94 -3.07	73.02 6.66 -9.89	77.69 6.78 -14.38	90.44 6.63 -27.15	85.10 6.41 -21.98	71.62 6.81 -2.34	64.93 5.42 -3.03	56.99 4.02 0.00	53.84 3.67 -4.33	43.45 3.66 0.00
GLENWOOD_IC_3_G1 23689	42.02 2.30 -0.01	37.52 1.82 0.00	34.16 1.69 0.00	32.00 1.90 0.00	31.57 1.98 0.00	36.38 1.96 0.00	40.54 2.51 0.00	44.87 3.09 0.00	46.47 3.32 0.00	46.84 3.67 0.00	47.29 3.46 0.00	49.08 3.80 0.00	54.60 4.42 0.00	61.53 4.90 -3.94	65.02 5.94 -3.07	73.02 6.66 -9.89	77.69 6.78 -14.38	90.44 6.63 -27.15	85.10 6.41 -21.98	71.62 6.81 -2.34	64.93 5.42 -3.03	56.99 4.02 0.00	53.84 3.67 -4.33	43.45 3.66 0.00
GLENWOOD____4 23550	42.55 2.50 -0.34	37.71 2.00 -0.02	34.32 1.85 0.00	32.16 2.05 -0.02	31.74 2.13 -0.02	36.56 2.13 0.00	40.69 2.66 0.00	45.03 3.26 0.00	46.64 3.49 0.00	47.01 3.84 0.00	47.46 3.64 0.00	49.32 4.03 -0.01	54.80 4.62 -0.01	65.76 5.27 -7.80	68.37 6.27 -6.08	79.31 6.89 -15.95	81.23 7.12 -17.57	96.30 7.03 -32.62	88.41 6.75 -24.95	74.23 7.12 -4.64	68.18 5.70 -6.00	57.26 4.29 -0.01	57.96 3.76 -8.36	43.66 3.86 -0.01
GLENWOOD____5 23614	42.55 2.50 -0.34	37.71 2.00 -0.02	34.32 1.85 0.00	32.16 2.05 -0.02	31.74 2.13 -0.02	36.56 2.13 0.00	40.69 2.66 0.00	45.03 3.26 0.00	46.64 3.49 0.00	47.01 3.84 0.00	47.46 3.64 0.00	49.32 4.03 -0.01	54.80 4.62 -0.01	65.76 5.27 -7.80	68.37 6.27 -6.08	79.31 6.89 -15.95	81.23 7.12 -17.57	96.30 7.03 -32.62	88.41 6.75 -24.95	74.23 7.12 -4.64	68.18 5.70 -6.00	57.26 4.29 -0.01	57.96 3.76 -8.36	43.66 3.86 -0.01
GLOBAL GREEN_PORT_GT1 23814	43.48 3.58 -0.20	38.35 2.64 -0.01	34.65 2.18 0.00	32.60 2.50 -0.01	32.20 2.60 -0.01	36.83 2.41 0.00	41.19 3.15 0.00	45.58 3.80 0.00	47.29 4.14 0.00	48.22 5.05 0.00	47.72 3.90 0.00	49.71 4.44 0.00	56.10 5.92 0.00	61.02 6.59 -1.74	65.72 8.35 -1.35	72.11 9.21 -6.42	78.53 9.44 -12.56	90.03 9.35 -24.03	86.13 9.13 -20.28	72.87 9.37 -1.03	66.06 8.25 -1.34	58.79 5.83 0.00	49.12 4.95 1.67	44.80 5.01 0.00
GLOBE____DSASP 323697	37.01 -2.70 0.00	33.34 -2.36 0.00	30.00 -2.47 0.00	27.84 -2.26 0.00	27.25 -2.34 0.00	31.39 -3.03 0.00	34.11 -3.61 0.31	32.63 -3.38 5.76	38.18 -4.96 0.00	38.46 -4.71 0.00	39.18 -4.65 0.00	40.43 -4.84 0.00	44.71 -5.47 0.00	46.84 -5.85 0.00	49.74 -6.27 0.00	50.85 -6.21 -0.59	52.49 -5.82 -1.78	55.18 -4.93 -3.45	55.04 -4.71 -3.03	57.48 -5.00 0.00	52.30 -4.18 0.00	48.41 -4.55 0.00	42.31 -3.53 0.00	37.53 -2.27 0.00
GOETHSLN____LBMP 323567	41.81 2.10 0.00	37.30 1.61 0.00	33.97 1.49 0.00	31.75 1.66 0.00	31.37 1.78 0.00	36.21 1.79 0.00	40.31 2.28 0.00	44.66 2.88 0.00	46.34 3.19 0.00	46.67 3.50 0.00	47.42 3.59 0.00	48.80 3.76 0.23	50.05 4.16 4.30	51.81 4.48 5.36	55.43 5.60 6.19	58.67 6.33 4.13	68.01 6.44 -5.03	78.69 6.23 -15.80	73.16 5.90 -10.55	61.33 6.18 7.33	54.48 4.80 6.79	51.06 3.50 5.40	49.05 3.21 0.00	43.06 3.26 0.00
GOLAH____69_KV_TB 1_2 80279	39.31 -0.40 0.00	35.27 -0.43 0.00	31.79 -0.68 0.00	29.53 -0.57 0.00	28.94 -0.65 0.00	33.49 -0.93 0.00	36.93 -1.10 0.00	40.52 -1.25 0.00	41.42 -1.73 0.00	41.53 -1.64 0.00	42.29 -1.53 0.00	43.69 -1.58 0.00	48.32 -1.86 0.00	50.64 -2.05 0.00	53.89 -2.13 0.00	55.14 -1.81 -0.48	56.33 -1.64 -1.44	58.61 -0.85 -2.80	58.60 -0.57 -2.46	61.91 -0.56 0.00	56.25 -0.23 0.00	52.28 -0.69 0.00	45.25 -0.60 0.00	39.79 0.00 0.00
GOODYEAR_LAKE_HYD 323669	41.34 1.63 0.00	37.05 1.36 0.00	33.67 1.20 0.00	31.39 1.29 0.00	30.86 1.27 0.00	35.83 1.41 0.00	39.67 1.64 0.00	43.82 2.05 0.00	45.17 2.03 0.00	45.28 2.12 0.00	45.97 2.15 0.00	47.50 2.22 0.00	52.59 2.41 0.00	55.27 2.58 0.00	59.10 3.08 0.00	61.02 3.28 -1.27	63.65 3.28 -3.84	67.32 3.23 -7.44	66.59 3.35 -6.53	66.47 4.00 0.00	59.86 3.39 0.00	55.67 2.70 0.00	48.23 2.38 0.00	41.90 2.11 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.75 0.04 0.00	35.62 -0.07 0.00	32.34 -0.13 0.00	30.16 0.06 0.00	29.65 0.06 0.00	34.32 -0.10 0.00	38.07 0.04 0.00	42.03 0.25 0.00	43.19 0.04 0.00	43.30 0.13 0.00	43.96 0.13 0.00	45.46 0.18 0.00	50.33 0.15 0.00	52.85 0.16 0.00	56.35 0.34 0.00	58.09 0.40 -1.22	60.75 0.51 -3.71	64.58 0.74 -7.18	63.88 0.85 -6.31	63.85 1.37 0.00	57.61 1.13 0.00	53.60 0.64 0.00	46.35 0.50 0.00	40.35 0.56 0.00

GOUDEY___7 23579	39.75 0.04 0.00	35.62 -0.07 0.00	32.34 -0.13 0.00	30.16 0.06 0.00	29.65 0.06 0.00	34.32 -0.10 0.00	38.07 0.04 0.00	42.03 0.25 0.00	43.19 0.04 0.00	43.30 0.13 0.00	43.96 0.13 0.00	45.46 0.18 0.00	50.33 0.15 0.00	52.85 0.16 0.00	56.35 0.34 0.00	58.09 0.40 -1.22	60.75 0.51 -3.71	64.58 0.74 -7.18	63.88 0.85 -6.31	63.85 1.37 0.00	57.61 1.13 0.00	53.60 0.64 0.00	46.35 0.50 0.00	40.35 0.56 0.00
GOUDEY___8 23580	39.75 0.04 0.00	35.62 -0.07 0.00	32.34 -0.13 0.00	30.16 0.06 0.00	29.65 0.06 0.00	34.32 -0.10 0.00	38.07 0.04 0.00	42.03 0.25 0.00	43.19 0.04 0.00	43.30 0.13 0.00	43.96 0.13 0.00	45.46 0.18 0.00	50.33 0.15 0.00	52.85 0.16 0.00	56.35 0.34 0.00	58.09 0.40 -1.22	60.75 0.51 -3.71	64.58 0.74 -7.18	63.88 0.85 -6.31	63.85 1.37 0.00	57.61 1.13 0.00	53.60 0.64 0.00	46.35 0.50 0.00	40.35 0.56 0.00
GOWANUS_GT1_1 24077	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.84 3.67 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.30 6.27 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.03 6.80 -21.57	82.13 6.47 -18.95	69.16 6.68 0.00	61.78 5.31 0.00	56.99 4.03 0.00	49.60 3.76 0.00	43.70 3.90 -0.01
GOWANUS_GT1_2 24078	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.84 3.67 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.30 6.27 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.03 6.80 -21.57	82.13 6.47 -18.95	69.16 6.68 0.00	61.78 5.31 0.00	56.99 4.03 0.00	49.60 3.76 0.00	43.70 3.90 -0.01
GOWANUS_GT1_3 24079	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.84 3.67 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.30 6.27 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.03 6.80 -21.57	82.13 6.47 -18.95	69.16 6.68 0.00	61.78 5.31 0.00	56.99 4.03 0.00	49.60 3.76 0.00	43.70 3.90 -0.01
GOWANUS_GT1_4 24080	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.84 3.67 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.30 6.27 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.03 6.80 -21.57	82.13 6.47 -18.95	69.16 6.68 0.00	61.78 5.31 0.00	56.99 4.03 0.00	49.60 3.76 0.00	43.70 3.90 -0.01
GOWANUS_GT1_5 24084	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.84 3.67 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.30 6.27 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.03 6.80 -21.57	82.13 6.47 -18.95	69.16 6.68 0.00	61.78 5.31 0.00	56.99 4.03 0.00	49.60 3.76 0.00	43.70 3.90 -0.01
GOWANUS_GT1_6 24111	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99																

GOWANUS_GT2_6 24119	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
GOWANUS_GT2_7 24120	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
GOWANUS_GT2_8 24121	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
GOWANUS_GT3_1 24122	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
GOWANUS_GT3_2 24123	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
GOWANUS_GT3_3 24124	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
GOWANUS_GT3_4 24125	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
GOWANUS_GT3_5 24126	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00																	

GOWANUS_GT4_5 24134	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.84 3.67 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.30 6.27 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.03 6.80 -21.57	82.13 6.47 -18.95	69.16 6.68 0.00	61.78 5.31 0.00	56.99 4.03 0.00	49.60 3.76 0.00	43.70 3.90 -0.01
GOWANUS_GT4_6 24135	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.84 3.67 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.30 6.27 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.03 6.80 -21.57	82.13 6.47 -18.95	69.16 6.68 0.00	61.78 5.31 0.00	56.99 4.03 0.00	49.60 3.76 0.00	43.70 3.90 -0.01
GOWANUS_GT4_7 24136	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.84 3.67 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.30 6.27 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.03 6.80 -21.57	82.13 6.47 -18.95	69.16 6.68 0.00	61.78 5.31 0.00	56.99 4.03 0.00	49.60 3.76 0.00	43.70 3.90 -0.01
GOWANUS_GT4_8 24137	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.84 3.67 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.30 6.27 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.03 6.80 -21.57	82.13 6.47 -18.95	69.16 6.68 0.00	61.78 5.31 0.00	56.99 4.03 0.00	49.60 3.76 0.00	43.70 3.90 -0.01
GREATVRV_69_KV_BK1 356245	43.21 3.30 -0.20	38.28 2.57 -0.01	34.75 2.27 0.00	32.67 2.56 -0.01	32.26 2.66 -0.01	36.97 2.55 0.00	41.38 3.35 0.00	45.74 3.97 0.00	47.20 4.06 0.00	47.75 4.58 0.00	47.64 3.81 0.00	49.49 4.21 0.00	55.71 5.52 -0.01	61.26 6.27 -2.30	65.08 7.28 -1.78	71.84 8.08 -7.29	77.87 8.31 -13.03	89.68 8.22 -24.81	85.47 8.05 -20.70	72.39 8.56 -1.36	65.58 7.34 -1.76	58.64 5.67 -0.01	49.81 4.81 0.84	44.65 4.85 0.00
GREENBSH_115KV_TB3 55895	40.34 0.64 0.00	36.12 0.43 0.00	33.09 0.62 0.00	30.88 0.78 0.00	30.33 0.74 0.00	35.11 0.69 0.00	38.83 0.80 0.00	42.65 0.88 0.00	44.14 0.99 0.00	44.16 0.99 0.00	44.83 1.01 0.00	46.41 1.13 0.00	51.48 1.30 0.00	54.17 1.48 0.00	57.48 1.46 0.00	62.34 1.69 -4.17	70.97 1.75 -12.69	83.07 1.81 -24.59	80.20 1.87 -21.61	64.47 2.00 0.00	57.94 1.47 0.00	53.92 0.95 0.00	46.67 0.83 0.00	40.67 0.88 0.00
GREENDGE_115KV_TB5 80291	39.63 -0.08 0.00	35.48 -0.21 0.00	32.05 -0.42 0.00	29.83 -0.27 0.00	29.30 -0.30 0.00	33.94 -0.48 0.00	38.33 -0.27 -0.56	52.29 -0.13 -10.64	43.14 0.00 0.00	43.17 0.00 0.00	43.83 0.00 0.00	45.28 0.00 0.00	50.03 -0.15 0.00	52.48 -0.21 0.00	55.96 -0.06 0.00	57.27 0.06 -0.74	59.10 0.34 -2.23	61.89 0.91 -4.32	61.76 1.25 -3.80	64.35 1.87 0.00	58.17 1.69 0.00	54.18 1.22 0.00	46.62 0.78 0.00	40.71 0.92 0.00
GREENIDGE___3 23582	39.63 -0.08 0.00	35.48 -0.21 0.00	32.05 -0.42 0.00	29.83 -0.27 0.00	29.30 -0.30 0.00	33.94 -0.48 0.00	38.33 -0.27 -0.56	52.29 -0.13 -10.64	43.14 0.00 0.00	43.17 0.00 0.00	43.83 0.00 0.00	45.28 0.00 0.00	50.03 -0.15 0.00	52.48 -0.21 0.00	55.96 -0.06 0.00	57.27 0.06 -0.74	59.10 0.34 -2.23	61.89 0.91 -4.32	61.76 1.25 -3.80	64.35 1.87 0.00	58.17 1.69 0.00	54.18 1.22 0.00	46.62 0.78 0.00	40.71 0.92 0.00
GREENIDGE___4 23583	39.63 -0.08 0.00	35.48 -0.21 0.00	32.05 -0.42 0.00	29.83 -0.27 0.00	29.30 -0.30 0.00	33.94 -0.48 0.00	38.33 -0.26 -0.56	52.29 -0.12 -10.64	43.14 0.00 0.00	43.17 0.00 0.00	43.83 0.00 0.00	45.28 0.00 0.00	50.03 -0.15 0.00	52.53 -0.16 0.00	55.63 -0.39 0.00	57.21 0.00 -0.74	59.10 0.34 -2.23	61.89 0.90 -4.32	61.76 1.25 -3.80	64.35 1.87 0.00	58.17 1.69 0.00	54.18 1.22 0.00	46.57 0.73 0.00	40.71 0.92 0.00
GREENLWN_69_KV_BK 3 55738	42.06 2.14 -0.20	37.42 1.71 -0.01	34.00 1.53 0.00	31.94 1.84 -0.01	31.52 1.92 -0.01	36.21 1.79 0.00	40.47 2.43 0.00	44.74 2.97 0.00	45.95 2.80 0.00	46.41 3.24 0.00	46.24 2.41 0.00	48.08 2.81 0.00	54.04 3.86 0.01	59.31 4.58 -2.04	63.15 5.55 -1.59	69.54 6.16 -6.91	75.84 6.50 -12.81	87.47 6.35 -24.46	83.30 6.07 -20.52	70.06 6.37 -1.21	63.12 5.08 -1.57	56.56 3.60 0.01	47.86 3.21 1.19	43.25 3.46 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.84 3.67 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.30 6.27 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.03 6.80 -21.57	82.13 6.47 -18.95	69.16 6.68 0.00	61.78 5.31 0.00	56.99 4.03 0.00	49.60 3.76 0.00	43.70 3.90 -0.01
GRISSOM___SOLAR 323813	42.53 2.82 0.00	38.05 2.36 0.00	34.55 2.08 0.00	32.17 2.08 0.00	31.60 2.01 0.00	36.87 2.44 0.00	40.65 2.62 0.00	44.70 2.92 0.00	45.99 2.85 0.00	45.85 2.68 0.00	46.37 2.54 0.00	47.90 2.63 0.00	53.19 3.01 0.00	56.01 3.32 0.00	59.44 3.42 0.00	64.66 3.62 -4.57	74.09 3.67 -13.88	87.37 3.80 -26.91	84.79 4.43 -23.65	67.85 5.37 0.00	61.39 4.91 0.00	57.31 4.34 0.00	49.51 3.67 0.00	42.98 3.18 0.00
GROVEVILLE___HYD 323602	41.93 2.22 0.00	37.48 1.78 0.00	34.06 1.59 0.00	31.87 1.78 0.00	31.43 1.83 0.00	36.35 1.93 0.00	40.35 2.32 0.00	44.62 2.84 0.00	46.25 3.11 0.00	46.41 3.24 0.00	47.11 3.29 0.00	48.86 3.58 0.00	54.19 4.01 0.00	57.17 4.48 0.00	61.40 5.38 0.00	66.22 6.04 -3.70	73.91 6.22 -11.16	84.35 6.06 -21.63	81.56 5.84 -19.00	68.72 6.25 0.00	61.45 4.97 0.00	56.78 3.81 0.00	49.10 3.25 0.00	42.94 3.14 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.39 -0.32 0.00	35.52 -0.18 0.00	32.25 -0.23 0.00	29.98 -0.12 0.00	29.44 -0.15 0.00	34.18 -0.24 0.00	37.96 -0.08 0.00	41.61 -0.17 0.00	42.93 -0.22 0.00	43.04 -0.13 0.00	43.70 -0.13 0.00	45.19 -0.09 0.00	50.08 -0.10 0.00	52.53 -0.16 0.00	55.96 -0.06 0.00	56.99 0.11 -0.40	57.85 0.11 -1.20	59.27 0.28 -2.33	59.10 0.34 -2.05	62.91 0.44 0.00	56.76 0.28 0.00	53.02 0.05 0.00	45.75 -0.09 0.00	39.79 0.00 0.00
HAMLTNNY_34_KV_TB 80303	39.43 -0.28 0.00	35.52 -0.18 0.00	32.25 -0.23 0.00	29.98 -0.12 0.00	29.44 -0.15 0.00	34.18 -0.24 0.00	37.92 -0.11 0.00	41.57 -0.21 0.00	42.89 -0.26 0.00	43.00 -0.17 0.00	43.65 -0.18 0.00	45.14 -0.14 0.00	50.03 -0.15 0.00	52.48 -0.21 0.00	55.91 -0.11 0.00	57.01 0.11 -0.42	57.93 0.11 -1.29	59.55 0.40 -2.50	59.36 0.45 -2.19	63.10 0.62 0.00	56.93 0.45 0.00	53.12 0.16 0.00	45.80 -0.05 0.00	39.91 0.12 0.00

HAMPSHIRE___PAPER_HYD 323593	40.74 1.03 0.00	36.66 0.96 0.00	33.16 0.68 0.00	30.55 0.45 0.00	29.86 0.27 0.00	35.01 0.58 0.00	38.52 0.49 0.00	42.44 0.67 0.00	43.66 0.52 0.00	43.51 0.34 0.00	44.14 0.31 0.00	45.37 0.09 0.00	50.28 0.10 0.00	52.59 -0.11 0.00	56.02 0.00 0.00	56.19 -0.39 -0.11	56.52 -0.34 -0.32	56.66 -0.62 -0.62	56.75 -0.51 -0.55	62.16 -0.31 0.00	56.48 0.00 0.00	53.28 0.32 0.00	46.30 0.46 0.00	39.91 0.12 0.00
HARDSCRABBLE_WT_PWR 323673	39.47 -0.24 0.00	35.41 -0.29 0.00	32.21 -0.26 0.00	29.89 -0.21 0.00	29.41 -0.18 0.00	34.22 -0.21 0.00	37.84 -0.19 0.00	41.61 -0.17 0.00	42.97 -0.17 0.00	43.00 -0.17 0.00	43.70 -0.13 0.00	45.14 -0.14 0.00	50.03 -0.15 0.00	52.48 -0.21 0.00	55.91 -0.11 0.00	56.48 0.00 0.00	56.53 0.00 0.00	56.60 -0.06 0.00	56.66 -0.06 0.00	62.47 0.00 0.00	56.36 -0.11 0.00	52.65 -0.32 0.00	45.70 -0.14 0.00	39.67 -0.12 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	41.77 2.06 0.00	37.30 1.61 0.00	33.93 1.46 0.00	31.75 1.66 0.00	31.31 1.72 0.00	36.18 1.76 0.00	40.20 2.17 0.00	44.45 2.67 0.00	46.08 2.93 0.00	46.28 3.11 0.00	46.98 3.16 0.00	48.72 3.44 0.00	53.99 3.81 0.00	56.96 4.27 0.00	61.17 5.15 0.00	65.81 5.76 -3.57	73.11 5.82 -10.76	83.18 5.67 -20.85	80.48 5.44 -18.32	68.35 5.87 0.00	61.16 4.69 0.00	56.51 3.55 0.00	48.87 3.03 0.00	42.78 2.98 0.00
HARSNRAD_115KV_TB1 81005	38.04 -1.67 0.00	33.95 -1.75 0.00	30.52 -1.95 0.00	28.53 -1.57 0.00	27.93 -1.66 0.00	32.15 -2.27 0.00	35.04 -2.66 0.33	32.53 -2.97 6.28	39.09 -4.06 0.00	39.37 -3.80 0.00	40.06 -3.77 0.00	41.34 -3.94 0.00	45.76 -4.42 0.00	47.95 -4.74 0.00	50.98 -5.04 0.00	52.03 -5.03 -0.58	53.71 -4.58 -1.76	56.45 -3.63 -3.42	56.31 -3.40 -3.00	59.04 -3.44 0.00	53.71 -2.77 0.00	49.73 -3.23 0.00	43.46 -2.38 0.00	38.48 -1.31 0.00
HARZA MOOSE___RIVER 24016	40.82 1.11 0.00	36.66 0.96 0.00	33.25 0.78 0.00	30.76 0.66 0.00	30.04 0.44 0.00	35.04 0.62 0.00	38.72 0.68 0.00	42.65 0.88 0.00	43.88 0.73 0.00	43.77 0.60 0.00	44.48 0.66 0.00	45.82 0.54 0.00	50.73 0.55 0.00	53.17 0.47 0.00	56.69 0.67 0.00	57.29 0.68 0.00	57.68 0.73 -0.14	58.25 0.79 -0.80	58.33 0.91 -0.70	63.79 1.31 0.00	57.77 1.30 0.00	54.02 1.06 0.00	46.80 0.96 0.00	40.43 0.64 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.15 -0.56 0.00	35.30 -0.39 0.00	32.05 -0.42 0.00	29.80 -0.30 0.00	29.30 -0.30 0.00	33.98 -0.45 0.00	37.69 -0.34 0.00	41.32 -0.46 0.00	42.63 -0.52 0.00	42.74 -0.43 0.00	43.43 -0.39 0.00	44.92 -0.36 0.00	49.73 -0.45 0.00	52.22 -0.47 0.00	55.63 -0.39 0.00	56.61 -0.23 -0.36	57.40 -0.23 -1.09	58.71 -0.06 -2.11	58.51 -0.06 -1.86	62.54 0.06 0.00	56.42 -0.06 0.00	52.65 -0.32 0.00	45.43 -0.41 0.00	39.56 -0.24 0.00
HELLGATE_13_KV_LD 55870	42.29 2.58 0.00	37.73 2.03 0.00	34.39 1.92 0.00	32.15 2.05 0.00	31.75 2.16 0.00	36.59 2.17 0.00	40.69 2.66 0.00	45.08 3.30 0.00	46.64 3.49 0.00	46.97 3.80 0.00	47.86 4.03 0.00	49.58 4.30 0.00	55.00 4.82 0.00	57.75 5.06 0.00	62.35 6.33 0.00	67.28 7.12 -3.69	74.72 7.07 -11.12	85.14 6.91 -21.57	82.19 6.52 -18.95	69.29 6.81 0.00	61.84 5.37 0.00	56.99 4.03 0.00	49.60 3.76 0.00	43.66 3.86 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.29 2.58 0.00	37.73 2.03 0.00	34.39 1.92 0.00	32.15 2.05 0.00	31.75 2.16 0.00	36.59 2.17 0.00	40.69 2.66 0.00	45.08 3.30 0.00	46.64 3.49 0.00	46.97 3.80 0.00	47.86 4.03 0.00	49.58 4.30 0.00	55.00 4.82 0.00	57.75 5.06 0.00	62.35 6.33 0.00	67.28 7.12 -3.69	74.72 7.07 -11.12	85.14 6.91 -21.57	82.19 6.52 -18.95	69.29 6.81 0.00	61.84 5.37 0.00	56.99 4.03 0.00	49.60 3.76 0.00	43.66 3.86 0.00
HEMPSTEAD___ 23647	42.31 2.30 -0.30	37.60 1.89 -0.02	34.19 1.72 0.00	32.07 1.96 -0.01	31.64 2.04 -0.01	36.42 2.00 0.00	40.62 2.59 0.00	44.91 3.13 0.00	46.47 3.32 0.00	46.97 3.80 0.00	47.07 3.24 0.00	48.91 3.62 -0.01	54.71 4.52 -0.01	66.53 5.11 -8.73	69.21 6.38 -6.80	80.77 6.89 -17.40	81.88 7.01 -18.34	97.39 6.80 -33.93	89.00 6.63 -25.66	74.72 7.06 -5.19	68.90 5.70 -6.72	57.16 4.18 -0.01	59.11 3.85 -9.42	43.71 3.90 -0.01
HICKLING___1 23621	39.59 -0.12 0.00	35.41 -0.29 0.00	31.92 -0.55 0.00	29.74 -0.36 0.00	29.24 -0.36 0.00	33.80 -0.62 0.00	37.86 -0.42 -0.25	46.33 -0.17 -4.72	42.41 -0.73 0.00	42.52 -0.65 0.00	43.17 -0.66 0.00	44.60 -0.68 0.00	49.33 -0.85 0.00	51.85 -0.84 0.00	55.29 -0.73 0.00	56.58 -0.85 -0.95	58.86 -0.57 -2.89	62.15 -0.11 -5.60	61.81 0.17 -4.92	63.54 1.06 0.00	57.55 1.07 0.00	53.49 0.53 0.00	46.25 0.41 0.00	40.35 0.56 0.00
HICKLING___2 23622	39.59 -0.12 0.00	35.41 -0.29 0.00	31.92 -0.55 0.00	29.74 -0.36 0.00	29.24 -0.36 0.00	33.80 -0.62 0.00	37.86 -0.42 -0.25	46.33 -0.17 -4.72	42.41 -0.73 0.00	42.52 -0.65 0.00	43.17 -0.66 0.00	44.60 -0.68 0.00	49.33 -0.85 0.00	51.85 -0.84 0.00	55.29 -0.73 0.00	56.58 -0.85 -0.95	58.86 -0.57 -2.89	62.15 -0.11 -5.60	61.81 0.17 -4.92	63.54 1.06 0.00	57.55 1.07 0.00	53.49 0.53 0.00	46.25 0.41 0.00	40.35 0.56 0.00
HIGH FALLS___HY 23754	42.05 2.34 0.00	37.55 1.86 0.00	34.10 1.62 0.00	31.91 1.81 0.00	31.46 1.86 0.00	36.39 1.96 0.00	40.43 2.40 0.00	44.74 2.97 0.00	46.38 3.24 0.00	46.54 3.37 0.00	47.20 3.37 0.00	48.95 3.67 0.00	54.29 4.11 0.00	57.22 4.53 0.00	61.73 5.71 0.00	66.52 6.38 -3.66	74.02 6.56 -10.93	83.63 6.35 -20.63	81.03 6.13 -18.19	69.22 6.75 0.00	61.90 5.42 0.00	57.15 4.18 0.00	49.42 3.58 0.00	43.18 3.38 0.00
HIGH_RIVER___SOLAR 323847	41.54 1.83 0.00	37.19 1.50 0.00	33.87 1.40 0.00	31.51 1.41 0.00	30.98 1.39 0.00	36.01 1.58 0.00	39.74 1.71 0.00	43.61 1.84 0.00	44.91 1.77 0.00	44.72 1.55 0.00	45.23 1.40 0.00	46.68 1.41 0.00	51.83 1.65 0.00	54.59 1.89 0.00	57.92 1.91 0.00	62.99 2.09 -4.42	72.17 2.20 -13.44	85.26 2.55 -26.05	82.72 3.12 -22.89	66.29 3.81 0.00	59.92 3.45 0.00	55.88 2.91 0.00	48.32 2.47 0.00	42.02 2.23 0.00
HILLBURN___GT 23639	41.73 2.02 0.00	37.26 1.57 0.00	33.94 1.46 0.00	31.75 1.65 0.00	31.34 1.75 0.00	36.14 1.72 0.00	40.24 2.20 0.00	44.49 2.71 0.00	46.12 2.97 0.00	46.32 3.15 0.00	47.02 3.20 0.00	48.77 3.49 0.00	54.04 3.86 0.00	56.91 4.22 0.00	61.00 4.98 0.00	65.90 5.82 -3.60	73.25 5.88 -10.84	83.45 5.78 -21.01	80.67 5.50 -18.46	68.41 5.94 0.00	61.16 4.68 0.00	56.46 3.49 0.00	48.91 3.07 0.00	42.86 3.06 0.00
HILLSIDE_115KV_TB1 80332	38.99 -0.71 0.00	34.91 -0.79 0.00	31.56 -0.91 0.00	29.47 -0.63 0.00	29.00 -0.59 0.00	33.46 -0.96 0.00	37.36 -0.84 -0.17	44.38 -0.54 -3.15	42.15 -0.99 0.00	42.26 -0.91 0.00	42.91 -0.92 0.00	44.37 -0.91 0.00	49.08 -1.10 0.00	51.53 -1.16 0.00	54.95 -1.06 0.00	56.24 -1.24 -1.00	58.55 -1.02 -3.04	61.93 -0.62 -5.89	61.49 -0.40 -5.18	62.85 0.37 0.00	56.81 0.34 0.00	52.81 -0.16 0.00	45.70 -0.14 0.00	39.79 0.00 0.00

HISHELDN_WT_PWR 323625	38.12 -1.59 0.00	34.05 -1.64 0.00	30.39 -2.08 0.00	28.29 -1.81 0.00	27.70 -1.89 0.00	31.91 -2.51 0.00	33.81 -2.93 1.29	14.25 -3.18 24.35	38.96 -4.18 0.00	39.16 -4.01 0.00	39.75 -4.07 0.00	41.07 -4.21 0.00	45.41 -4.77 0.00	47.85 -4.85 0.00	50.25 -5.77 0.00	51.71 -5.48 -0.71	53.89 -4.81 -2.16	56.88 -3.97 -4.19	56.71 -3.69 -3.68	59.35 -3.12 0.00	54.05 -2.43 0.00	50.10 -2.86 0.00	43.83 -2.02 0.00	38.64 -1.16 0.00
HOLTSVILLE_IC_1 23690	42.53 2.62 -0.20	37.74 2.03 -0.01	34.26 1.78 0.00	32.25 2.14 -0.01	31.85 2.25 -0.01	36.49 2.07 0.00	40.81 2.77 0.00	45.04 3.26 0.00	46.47 3.32 0.00	47.10 3.93 0.00	46.67 2.85 0.00	48.49 3.22 0.00	54.50 4.32 0.00	59.09 4.69 -1.71	63.51 6.16 -1.33	69.63 6.77 -6.38	75.96 6.89 -12.54	87.33 6.68 -23.99	83.61 6.63 -20.26	70.42 6.93 -1.01	63.78 5.98 -1.32	57.10 4.13 0.00	47.97 3.85 1.72	43.89 4.10 0.00
HOLTSVILLE_IC_10 23699	42.73 2.82 -0.20	37.88 2.18 -0.01	34.39 1.92 0.00	32.37 2.26 -0.01	31.94 2.34 -0.01	36.59 2.17 0.00	40.96 2.93 0.00	45.24 3.47 0.00	46.68 3.54 0.00	47.35 4.19 0.00	46.98 3.16 0.00	48.85 3.58 0.00	54.90 4.72 0.00	59.64 5.11 -1.84	64.06 6.61 -1.43	70.35 7.29 -6.59	76.58 7.40 -12.65	88.09 7.25 -24.17	84.28 7.20 -20.36	71.06 7.49 -1.09	64.39 6.49 -1.42	57.57 4.61 0.00	48.54 4.21 1.52	44.17 4.38 0.00
HOLTSVILLE_IC_2 23691	42.53 2.62 -0.20	37.74 2.03 -0.01	34.26 1.78 0.00	32.25 2.14 -0.01	31.85 2.25 -0.01	36.49 2.07 0.00	40.81 2.77 0.00	45.04 3.26 0.00	46.47 3.32 0.00	47.10 3.93 0.00	46.67 2.85 0.00	48.49 3.22 0.00	54.50 4.32 0.00	59.09 4.69 -1.71	63.51 6.16 -1.33	69.63 6.77 -6.38	75.96 6.89 -12.54	87.33 6.68 -23.99	83.61 6.63 -20.26	70.42 6.93 -1.01	63.78 5.98 -1.32	57.10 4.13 0.00	47.97 3.85 1.72	43.89 4.10 0.00
HOLTSVILLE_IC_3 23692	42.53 2.62 -0.20	37.74 2.03 -0.01	34.26 1.78 0.00	32.25 2.14 -0.01	31.85 2.25 -0.01	36.49 2.07 0.00	40.81 2.77 0.00	45.04 3.26 0.00	46.47 3.32 0.00	47.10 3.93 0.00	46.67 2.85 0.00	48.49 3.22 0.00	54.50 4.32 0.00	59.09 4.69 -1.71	63.51 6.16 -1.33	69.63 6.77 -6.38	75.96 6.89 -12.54	87.33 6.68 -23.99	83.61 6.63 -20.26	70.42 6.93 -1.01	63.78 5.98 -1.32	57.10 4.13 0.00	47.97 3.85 1.72	43.89 4.10 0.00
HOLTSVILLE_IC_4 23693	42.53 2.62 -0.20	37.74 2.03 -0.01	34.26 1.78 0.00	32.25 2.14 -0.01	31.85 2.25 -0.01	36.49 2.07 0.00	40.81 2.77 0.00	45.04 3.26 0.00	46.47 3.32 0.00	47.10 3.93 0.00	46.67 2.85 0.00	48.49 3.22 0.00	54.50 4.32 0.00	59.09 4.69 -1.71	63.51 6.16 -1.33	69.63 6.77 -6.38	75.96 6.89 -12.54	87.33 6.68 -23.99	83.61 6.63 -20.26	70.42 6.93 -1.01	63.78 5.98 -1.32	57.10 4.13 0.00	47.97 3.85 1.72	43.89 4.10 0.00
HOLTSVILLE_IC_5 23694	42.53 2.62 -0.20	37.74 2.03 -0.01	34.26 1.78 0.00	32.25 2.14 -0.01	31.85 2.25 -0.01	36.49 2.07 0.00	40.81 2.77 0.00	45.04 3.26 0.00	46.47 3.32 0.00	47.10 3.93 0.00	46.67 2.85 0.00	48.49 3.22 0.00	54.50 4.32 0.00	59.09 4.69 -1.71	63.51 6.16 -1.33	69.63 6.77 -6.38	75.96 6.89 -12.54	87.33 6.68 -23.99	83.61 6.63 -20.26	70.42 6.93 -1.01	63.78 5.98 -1.32	57.10 4.13 0.00	47.97 3.85 1.72	43.89 4.10 0.00
HOLTSVILLE_IC_6 23695	42.73 2.82 -0.20	37.88 2.18 -0.01	34.39 1.92 0.00	32.37 2.26 -0.01	31.94 2.34 -0.01	36.59 2.17 0.00	40.96 2.93 0.00	45.24 3.47 0.00	46.68 3.54 0.00	47.35 4.19 0.00	46.98 3.16 0.00	48.85 3.58 0.00	54.90 4.72 0.00	59.64 5.11 -1.84	64.06 6.61 -1.43	70.35 7.29 -6.59	76.58 7.40 -12.65	88.09 7.25 -24.17	84.28 7.20 -20.36	71.06 7.49 -1.09	64.39 6.49 -1.42	57.57 4.61 0.00	48.54 4.21 1.52	44.17 4.38 0.00
HOLTSVILLE_IC_7 23696	42.73 2.82 -0.20	37.88 2.18 -0.01	34.39 1.92 0.00	32.37 2.26 -0.01	31.94 2.34 -0.01	36.59 2.17 0.00	40.96 2.93 0.00	45.24 3.47 0.00	46.68 3.54 0.00	47.35 4.19 0.00	46.98 3.16 0.00	48.85 3.58 0.00	54.90 4.72 0.00	59.64 5.11 -1.84	64.06 6.61 -1.43	70.35 7.29 -6.59	76.58 7.40 -12.65	88.09 7.25 -24.17	84.28 7.20 -20.36	71.06 7.49 -1.09	64.39 6.49 -1.42	57.57 4.61 0.00	48.54 4.21 1.52	44.17 4.38 0.00
HOLTSVILLE_IC_8 23697	42.73 2.82 -0.20	37.88 2.18 -0.01	34.39 1.92 0.00	32.37 2.26 -0.01	31.94 2.34 -0.01	36.59 2.17 0.00	40.96 2.93 0.00	45.24 3.47 0.00	46.68 3.54 0.00	47.35 4.19 0.00	46.98 3.16 0.00	48.85 3.58 0.00	54.90 4.72 0.00	59.64 5.11 -1.84	64.06 6.61 -1.43	70.35 7.29 -6.59	76.58 7.40 -12.65	88.09 7.25 -24.17	84.28 7.20 -20.36	71.06 7.49 -1.09	64.39 6.49 -1.42	57.57 4.61 0.00	48.54 4.21 1.52	44.17 4.38 0.00
HOLTSVILLE_IC_9 23698	42.73 2.82 -0.20	37.88 2.18 -0.01	34.39 1.92 0.00	32.37 2.26 -0.01	31.94 2.34 -0.01	36.59 2.17 0.00	40.96 2.93 0.00	45.24 3.47 0.00	46.68 3.54 0.00	47.35 4.19 0.00	46.98 3.16 0.00	48.85 3.58 0.00	54.90 4.72 0.00	59.64 5.11 -1.84	64.06 6.61 -1.43	70.35 7.29 -6.59	76.58 7.40 -12.65	88.09 7.25 -24.17	84.28 7.20 -20.36	71.06 7.49 -1.09	64.39 6.49 -1.42	57.57 4.61 0.00	48.54 4.21 1.52	44.17 4.38 0.00
HOMER_HL_115KV_TB2 355744	38.00 -1.71 0.00	33.95 -1.75 0.00	30.52 -1.95 0.00	28.53 -1.57 0.00	28.08 -1.51 0.00	32.25 -2.17 0.00	35.68 -2.28 0.07	38.34 -2.05 1.39	40.47 -2.67 0.00	40.67 -2.50 0.00	41.33 -2.50 0.00	42.70 -2.58 0.00	47.22 -2.96 0.00	49.00 -3.69 0.00	52.15 -3.87 0.00	52.39 -4.80 -0.71	54.11 -4.58 -2.16	56.99 -3.85 -4.18	56.87 -3.52 -3.67	60.54 -1.94 0.00	55.01 -1.47 0.00	51.06 -1.91 0.00	44.88 -0.96 0.00	39.16 -0.64 0.00
HOWARD_WT_PWR 323690	38.80 -0.91 0.00	34.55 -1.14 0.00	30.95 -1.53 0.00	28.75 -1.35 0.00	28.17 -1.42 0.00	32.56 -1.86 0.00	37.09 -2.13 -1.19	61.91 -2.26 -22.39	42.41 -0.73 0.00	42.39 -0.78 0.00	42.95 -0.88 0.00	44.37 -0.91 0.00	48.78 -1.40 0.00	51.11 -1.58 0.00	54.06 -1.96 0.00	55.59 -1.64 -0.76	57.75 -1.08 -2.30	60.88 -0.23 -4.45	61.02 0.40 -3.91	64.04 1.56 0.00	58.11 1.64 0.00	54.18 1.22 0.00	46.57 0.73 0.00	41.15 1.35 0.00
HQ_GEN_CEDARS 23644	40.38 0.68 0.00	36.34 0.64 0.00	32.86 0.39 0.00	30.22 0.12 0.00	29.68 0.09 0.00	34.84 0.41 0.00	38.22 0.19 0.00	42.11 0.33 0.00	43.49 0.35 0.00	43.43 0.26 0.00	44.00 0.18 0.00	45.23 -0.05 0.00	50.18 0.00 0.00	52.59 -0.11 0.00	55.63 -0.39 0.00	55.69 -0.79 0.00	55.74 -0.79 0.00	55.58 -1.08 0.00	55.58 -1.13 0.00	61.23 -1.25 0.00	55.69 -0.79 0.00	52.81 -0.16 0.00	45.75 -0.09 0.00	39.52 -0.28 0.00
HQ_GEN_CEDARS_PROXY 323590	40.38 0.67 0.00	36.34 0.64 0.00	32.86 0.39 0.00	30.22 0.12 0.00	29.68 0.09 0.00	34.84 0.41 0.00	38.22 0.19 0.00	42.11 0.33 0.00	43.49 0.34 0.00	43.43 0.26 0.00	44.00 0.18 0.00	45.23 -0.05 0.00	50.18 0.00 0.00	52.59 -0.11 0.00	55.85 -0.17 0.00	55.74 -0.74 0.00	55.74 -0.79 0.00	55.58 -1.08 0.00	55.58 -1.13 0.00	61.23 -1.25 0.00	55.69 -0.79 0.00	53.04 -0.16 -0.23	46.08 -0.09 -0.33	38.96 -0.28 0.56

HQ_GEN_IMPORT 323601	39.83 0.12 0.00	35.80 0.11 0.00	32.51 0.03 0.00	29.95 -0.15 0.00	29.47 -0.12 0.00	34.46 0.03 0.00	37.96 -0.08 0.00	41.69 -0.08 0.00	43.10 -0.04 0.00	43.08 -0.09 0.00	43.70 -0.13 0.00	45.10 -0.18 0.00	49.98 -0.20 0.00	52.43 -0.26 0.00	55.74 -0.28 0.00	55.74 -0.74 0.00	55.74 -0.79 0.00	55.75 -0.91 0.00	55.75 -0.96 0.00	61.35 -1.12 0.00	55.74 -0.74 0.00	52.93 -0.26 -0.23	45.94 -0.23 -0.33	38.87 -0.36 0.56
HQ_GEN_WHEEL 23651	39.83 0.12 0.00	35.80 0.11 0.00	32.51 0.03 0.00	29.95 -0.15 0.00	29.47 -0.12 0.00	34.46 0.03 0.00	37.96 -0.08 0.00	41.69 -0.08 0.00	43.10 -0.04 0.00	43.08 -0.09 0.00	43.70 -0.13 0.00	45.10 -0.18 0.00	49.98 -0.20 0.00	52.43 -0.26 0.00	55.74 -0.28 0.00	55.74 -0.74 0.00	55.74 -0.79 0.00	55.75 -0.91 0.00	55.75 -0.96 0.00	61.35 -1.12 0.00	55.74 -0.74 0.00	52.93 -0.26 -0.23	45.94 -0.23 -0.33	38.87 -0.36 0.56
HUDSON AVE_GT_3 23810	42.09 2.38 0.00	37.55 1.86 0.00	34.19 1.72 0.00	31.97 1.87 0.00	31.54 1.95 0.00	36.42 2.00 0.00	40.54 2.51 0.00	44.91 3.13 0.00	46.60 3.45 0.00	46.93 3.76 0.00	47.73 3.90 0.00	49.44 4.17 0.00	54.75 4.57 0.00	57.65 4.95 0.00	62.12 6.11 0.00	67.06 6.89 -3.70	74.61 6.95 -11.13	85.02 6.80 -21.57	82.13 6.47 -18.95	69.22 6.75 0.00	61.78 5.31 0.00	56.94 3.97 0.00	49.42 3.58 0.00	43.34 3.54 0.00
HUDSON AVE_GT_4 23540	42.09 2.38 0.00	37.55 1.86 0.00	34.19 1.72 0.00	31.97 1.87 0.00	31.54 1.95 0.00	36.42 2.00 0.00	40.54 2.51 0.00	44.91 3.13 0.00	46.60 3.45 0.00	46.93 3.76 0.00	47.73 3.90 0.00	49.44 4.17 0.00	54.75 4.57 0.00	57.65 4.95 0.00	62.12 6.11 0.00	67.06 6.89 -3.70	74.61 6.95 -11.13	85.02 6.80 -21.57	82.13 6.47 -18.95	69.22 6.75 0.00	61.78 5.31 0.00	56.94 3.97 0.00	49.42 3.58 0.00	43.34 3.54 0.00
HUDSON AVE_GT_5 23657	42.09 2.38 0.00	37.55 1.86 0.00	34.19 1.72 0.00	31.97 1.87 0.00	31.54 1.95 0.00	36.42 2.00 0.00	40.54 2.51 0.00	44.91 3.13 0.00	46.60 3.45 0.00	46.93 3.76 0.00	47.73 3.90 0.00	49.44 4.17 0.00	54.75 4.57 0.00	57.65 4.95 0.00	62.12 6.11 0.00	67.06 6.89 -3.70	74.61 6.95 -11.13	85.02 6.80 -21.57	82.13 6.47 -18.95	69.22 6.75 0.00	61.78 5.31 0.00	56.94 3.97 0.00	49.42 3.58 0.00	43.34 3.54 0.00
HUDSON_AVE_10 24168	41.97 2.26 0.00	37.45 1.75 0.00	34.10 1.62 0.00	31.87 1.78 0.00	31.46 1.86 0.00	36.35 1.93 0.00	40.43 2.40 0.00	44.78 3.01 0.00	46.51 3.37 0.00	46.80 3.63 0.00	47.60 3.77 0.00	49.31 4.03 0.00	54.65 4.47 0.00	57.54 4.85 0.00	62.01 5.99 0.00	66.95 6.78 -3.70	74.55 6.90 -11.13	84.91 6.69 -21.57	82.07 6.41 -18.95	69.16 6.68 0.00	61.73 5.25 0.00	56.83 3.87 0.00	49.28 3.44 0.00	43.22 3.42 0.00
HUDSON___115KV_TB 4 355613	41.10 1.39 0.00	36.80 1.11 0.00	33.61 1.14 0.00	31.33 1.23 0.00	30.78 1.18 0.00	35.73 1.31 0.00	39.48 1.45 0.00	43.36 1.59 0.00	44.78 1.64 0.00	44.64 1.47 0.00	45.23 1.40 0.00	46.86 1.58 0.00	51.99 1.81 0.00	54.75 2.05 0.00	58.02 2.02 0.02	62.70 2.26 -3.96	70.56 2.43 -11.60	79.64 2.55 -20.43	77.63 2.72 -18.19	65.41 2.94 0.00	58.90 2.43 0.00	54.87 1.91 0.00	47.45 1.60 0.00	41.23 1.43 0.00
HUNTER MOUNT___DRP 323613	41.22 1.51 0.00	36.91 1.21 0.00	33.67 1.20 0.00	31.39 1.29 0.00	30.83 1.24 0.00	35.80 1.38 0.00	39.55 1.52 0.00	43.45 1.67 0.00	44.87 1.73 0.00	44.64 1.47 0.00	45.19 1.36 0.00	46.82 1.54 0.00	51.99 1.81 0.00	54.75 2.05 0.00	57.96 1.96 0.02	62.40 2.09 -3.83	69.90 2.37 -10.99	77.47 2.49 -18.32	75.83 2.67 -16.45	65.29 2.81 0.00	58.85 2.37 0.00	54.87 1.91 0.00	47.40 1.56 0.00	41.15 1.35 0.00
HUNTINGTON_RES_REC 323705	42.37 2.46 -0.20	37.63 1.93 -0.01	34.16 1.69 0.00	32.12 2.02 -0.01	31.70 2.10 -0.01	36.38 1.96 0.00	40.65 2.62 0.00	44.99 3.22 0.00	46.38 3.24 0.00	46.92 3.75 0.00	46.59 2.76 0.00	48.44 3.17 0.00	54.49 4.32 0.01	59.32 4.79 -1.84	63.67 6.22 -1.43	69.95 6.89 -6.59	76.18 7.01 -12.64	87.63 6.80 -24.18	83.77 6.69 -20.36	70.56 7.00 -1.09	63.69 5.76 -1.45	56.98 4.02 0.01	48.01 3.67 1.50	43.73 3.94 0.00
HUNTLEY___63 23557	38.12 -1.59 0.00	34.13 -1.57 0.00	30.69 -1.79 0.00	28.59 -1.50 0.00	27.99 -1.60 0.00	32.22 -2.20 0.00	35.04 -2.66 0.33	32.83 -2.72 6.23	39.26 -3.88 0.00	39.54 -3.63 0.00	40.28 -3.55 0.00	41.57 -3.71 0.00	45.97 -4.22 0.00	48.21 -4.48 0.00	51.26 -4.76 0.00	52.27 -4.80 -0.60	53.99 -4.35 -1.82	56.72 -3.46 -3.52	56.57 -3.23 -3.09	59.29 -3.19 0.00	53.93 -2.54 0.00	49.95 -3.02 0.00	43.69 -2.15 0.00	38.64 -1.15 0.00
HUNTLEY___64 23558	38.12 -1.59 0.00	34.13 -1.57 0.00	30.69 -1.79 0.00	28.59 -1.50 0.00	27.99 -1.60 0.00	32.22 -2.20 0.00	35.04 -2.66 0.33	32.83 -2.72 6.23	39.26 -3.88 0.00	39.54 -3.63 0.00	40.28 -3.55 0.00	41.57 -3.71 0.00	45.97 -4.22 0.00	48.21 -4.48 0.00	51.26 -4.76 0.00	52.27 -4.80 -0.60	53.99 -4.35 -1.82	56.72 -3.46 -3.52	56.57 -3.23 -3.09	59.29 -3.19 0.00	53.93 -2.54 0.00	49.95 -3.02 0.00	43.69 -2.15 0.00	38.64 -1.15 0.00
HUNTLEY___65 23559	38.12 -1.59 0.00	34.13 -1.57 0.00	30.69 -1.79 0.00	28.59 -1.50 0.00	27.99 -1.60 0.00	32.22 -2.20 0.00	35.04 -2.66 0.33	32.83 -2.72 6.23	39.26 -3.88 0.00	39.54 -3.63 0.00	40.28 -3.55 0.00	41.57 -3.71 0.00	45.97 -4.22 0.00	48.21 -4.48 0.00	51.26 -4.76 0.00	52.27 -4.80 -0.60	53.99 -4.35 -1.82	56.72 -3.46 -3.52	56.57 -3.23 -3.09	59.29 -3.19 0.00	53.93 -2.54 0.00	49.95 -3.02 0.00	43.69 -2.15 0.00	38.64 -1.15 0.00
HUNTLEY___66 23560	38.12 -1.59 0.00	34.13 -1.57 0.00	30.69 -1.79 0.00	28.59 -1.50 0.00	27.99 -1.60 0.00	32.22 -2.20 0.00	35.04 -2.66 0.33	32.83 -2.72 6.23	39.26 -3.88 0.00	39.54 -3.63 0.00	40.28 -3.55 0.00	41.57 -3.71 0.00	45.97 -4.22 0.00	48.21 -4.48 0.00	51.26 -4.76 0.00	52.27 -4.80 -0.60	53.99 -4.35 -1.82	56.72 -3.46 -3.52	56.57 -3.23 -3.09	59.29 -3.19 0.00	53.93 -2.54 0.00	49.95 -3.02 0.00	43.69 -2.15 0.00	38.64 -1.15 0.00
HUNTLEY___67 23561	37.88 -1.83 0.00	33.91 -1.78 0.00	30.49 -1.98 0.00	28.44 -1.66 0.00	27.85 -1.75 0.00	32.08 -2.34 0.00	34.89 -2.81 0.33	32.47 -3.09 6.21	39.17 -3.97 0.00	39.46 -3.71 0.00	40.15 -3.68 0.00	41.43 -3.85 0.00	45.86 -4.32 0.00	48.06 -4.64 0.00	51.09 -4.93 0.00	52.11 -4.97 -0.61	53.90 -4.47 -1.83	56.59 -3.63 -3.56	56.44 -3.40 -3.12	59.10 -3.37 0.00	53.76 -2.71 0.00	49.79 -3.18 0.00	43.55 -2.29 0.00	38.48 -1.31 0.00
HUNTLEY___68 23562	37.88 -1.83 0.00	33.91 -1.78 0.00	30.49 -1.98 0.00	28.44 -1.66 0.00	27.85 -1.75 0.00	32.08 -2.34 0.00	34.89 -2.81 0.33	32.47 -3.09 6.21	39.17 -3.97 0.00	39.46 -3.71 0.00	40.15 -3.68 0.00	41.43 -3.85 0.00	45.86 -4.32 0.00	48.06 -4.64 0.00	51.09 -4.93 0.00	52.11 -4.97 -0.61	53.90 -4.47 -1.83	56.59 -3.63 -3.56	56.44 -3.40 -3.12	59.10 -3.37 0.00	53.76 -2.71 0.00	49.79 -3.18 0.00	43.55 -2.29 0.00	38.48 -1.31 0.00



HYLAND___LFGE 323620	40.62 0.91 0.00	36.27 0.57 0.00	32.57 0.10 0.00	30.28 0.18 0.00	29.65 0.06 0.00	34.39 -0.03 0.00	39.27 -0.08 -1.32	65.13 -1.50 -24.85	41.81 -1.34 0.00	41.49 -1.68 0.00	41.90 -1.93 0.00	43.15 -2.13 0.00	47.67 -2.51 0.00	49.95 -2.74 0.00	52.83 -3.19 0.00	55.00 -2.09 -0.61	56.92 -1.47 -1.86	59.98 -0.28 -3.60	60.33 0.45 -3.16	64.22 1.75 0.00	58.68 2.20 0.00	54.77 1.80 0.00	46.90 1.06 0.00	42.42 2.63 0.00
INDECK___CORINTH 23802	41.18 1.47 0.00	36.98 1.28 0.00	33.58 1.10 0.00	31.24 1.14 0.00	30.72 1.12 0.00	35.76 1.34 0.00	39.51 1.48 0.00	43.57 1.80 0.00	44.91 1.77 0.00	44.85 1.68 0.00	45.45 1.62 0.00	46.68 1.41 0.00	51.94 1.76 0.00	54.59 1.89 0.00	57.98 1.96 0.00	62.90 2.15 -4.28	71.72 2.15 -13.04	84.77 2.83 -25.28	81.98 3.06 -22.21	66.16 3.69 0.00	59.69 3.22 0.00	55.77 2.81 0.00	48.00 2.16 0.00	41.82 2.03 0.00
INDECK___ILION 23567	39.67 -0.04 0.00	35.62 -0.07 0.00	32.44 -0.03 0.00	30.10 0.00 0.00	29.59 0.00 0.00	34.42 0.00 0.00	38.03 0.00 0.00	41.82 0.04 0.00	43.19 0.04 0.00	43.21 0.04 0.00	43.91 0.09 0.00	45.37 0.09 0.00	50.28 0.10 0.00	52.80 0.11 0.00	56.24 0.22 0.00	56.76 0.28 0.00	56.81 0.28 0.00	56.94 0.28 0.00	57.00 0.28 0.00	62.85 0.37 0.00	56.70 0.23 0.00	53.02 0.05 0.00	45.93 0.09 0.00	39.91 0.12 0.00
INDECK___OLEAN 23982	38.00 -1.71 0.00	33.95 -1.75 0.00	30.53 -1.95 0.00	28.53 -1.57 0.00	28.08 -1.51 0.00	32.26 -2.17 0.00	35.68 -2.28 0.07	38.34 -2.05 1.39	40.47 -2.68 0.00	40.71 -2.46 0.00	41.33 -2.50 0.00	42.70 -2.58 0.00	47.22 -2.96 0.00	49.16 -3.53 0.00	51.48 -4.54 0.00	52.22 -4.97 -0.71	54.11 -4.58 -2.16	56.98 -3.85 -4.18	56.87 -3.52 -3.67	60.54 -1.94 0.00	54.95 -1.52 0.00	51.06 -1.90 0.00	44.83 -1.01 0.00	39.16 -0.64 0.00
INDECK___OSWEGO 23783	38.72 -0.99 0.00	34.98 -0.71 0.00	31.79 -0.68 0.00	29.53 -0.57 0.00	29.00 -0.59 0.00	33.70 -0.72 0.00	37.31 -0.72 0.00	40.82 -0.96 0.00	42.11 -1.04 0.00	42.13 -1.04 0.00	42.82 -1.01 0.00	44.24 -1.04 0.00	49.03 -1.15 0.00	51.06 -1.63 0.00	54.22 -1.79 0.00	55.20 -1.58 -0.30	55.93 -1.52 -0.92	57.03 -1.41 -1.79	56.92 -1.36 -1.57	61.04 -1.43 0.00	55.12 -1.36 0.00	51.54 -1.43 0.00	44.88 -0.96 0.00	39.04 -0.76 0.00
INDECK___YERKES 23781	38.20 -1.51 0.00	34.16 -1.53 0.00	30.72 -1.75 0.00	28.62 -1.47 0.00	28.02 -1.57 0.00	32.26 -2.17 0.00	35.04 -2.66 0.33	32.87 -2.67 6.23	39.30 -3.84 0.00	39.59 -3.58 0.00	40.28 -3.55 0.00	41.61 -3.67 0.00	46.07 -4.11 0.00	48.43 -4.27 0.00	50.70 -5.32 0.00	52.16 -4.91 -0.60	54.05 -4.30 -1.82	56.78 -3.40 -3.52	56.63 -3.17 -3.09	59.35 -3.12 0.00	53.99 -2.48 0.00	49.95 -3.02 0.00	43.69 -2.15 0.00	38.64 -1.16 0.00
INDIAN POINT_GT_1 24139	41.77 2.06 0.00	37.27 1.57 0.00	33.93 1.46 0.00	31.75 1.66 0.00	31.31 1.72 0.00	36.14 1.72 0.00	40.20 2.17 0.00	44.45 2.67 0.00	46.08 2.93 0.00	46.32 3.15 0.00	47.07 3.24 0.00	48.76 3.49 0.00	54.09 3.91 0.00	56.96 4.27 0.00	61.28 5.27 0.00	66.14 5.99 -3.68	73.70 6.11 -11.06	84.11 6.01 -21.44	81.34 5.78 -18.84	68.53 6.06 0.00	61.22 4.74 0.00	56.51 3.55 0.00	48.87 3.03 0.00	42.86 3.06 0.00
INDIAN POINT_GT_2 23659	41.77 2.06 0.00	37.27 1.57 0.00	33.93 1.46 0.00	31.75 1.66 0.00	31.31 1.72 0.00	36.14 1.72 0.00	40.20 2.17 0.00	44.45 2.67 0.00	46.08 2.93 0.00	46.32 3.15 0.00	47.07 3.24 0.00	48.76 3.49 0.00	54.09 3.91 0.00	56.96 4.27 0.00	61.28 5.27 0.00	66.14 5.99 -3.68	73.70 6.11 -11.06	84.11 6.01 -21.44	81.34 5.78 -18.84	68.53 6.06 0.00	61.22 4.74 0.00	56.51 3.55 0.00	48.87 3.03 0.00	42.86 3.06 0.00
INDIAN POINT_GT_3 24019	41.77 2.06 0.00	37.27 1.57 0.00	33.93 1.46 0.00	31.75 1.66 0.00	31.31 1.72 0.00	36.14 1.72 0.00	40.20 2.17 0.00	44.45 2.67 0.00	46.08 2.93 0.00	46.32 3.15 0.00	47.07 3.24 0.00	48.76 3.49 0.00	54.09 3.91 0.00	56.96 4.27 0.00	61.28 5.27 0.00	66.14 5.99 -3.68	73.70 6.11 -11.06	84.11 6.01 -21.44	81.34 5.78 -18.84	68.53 6.06 0.00	61.22 4.74 0.00	56.51 3.55 0.00	48.87 3.03 0.00	42.86 3.06 0.00
INDIAN POINT___2 23530	41.73 2.02 0.00	37.23 1.53 0.00	33.90 1.43 0.00	31.72 1.62 0.00	31.31 1.72 0.00	36.11 1.69 0.00	40.20 2.17 0.00	44.45 2.68 0.00	46.04 2.89 0.00	46.28 3.11 0.00	47.02 3.20 0.00	48.72 3.44 0.00	53.99 3.81 0.00	56.85 4.16 0.00	60.95 4.93 0.00	65.94 5.82 -3.65	73.39 5.88 -10.98	83.73 5.78 -21.29	80.98 5.56 -18.70	68.35 5.87 0.00	61.11 4.63 0.00	56.41 3.44 0.00	48.87 3.02 0.00	42.86 3.06 0.00
INDIAN POINT___3 23531	41.69 1.99 0.00	37.23 1.53 0.00	33.90 1.43 0.00	31.72 1.63 0.00	31.31 1.72 0.00	36.11 1.69 0.00	40.16 2.13 0.00	44.41 2.63 0.00	46.03 2.89 0.00	46.28 3.11 0.00	46.98 3.16 0.00	48.67 3.40 0.00	53.94 3.76 0.00	56.85 4.16 0.00	61.12 5.10 0.00	65.91 5.76 -3.68	73.42 5.82 -11.06	83.83 5.72 -21.45	81.06 5.50 -18.84	68.28 5.81 0.00	61.05 4.57 0.00	56.35 3.39 0.00	48.78 2.93 0.00	42.78 2.98 0.00
INGHAM_C_115KV_TB7 356103	39.31 -0.40 0.00	35.27 -0.43 0.00	32.08 -0.39 0.00	29.77 -0.33 0.00	29.30 -0.30 0.00	34.08 -0.34 0.00	37.69 -0.34 0.00	41.44 -0.33 0.00	42.80 -0.35 0.00	42.82 -0.35 0.00	43.52 -0.31 0.00	44.92 -0.36 0.00	49.78 -0.40 0.00	52.27 -0.42 0.00	55.68 -0.34 0.00	56.19 -0.28 0.00	56.31 -0.23 0.00	56.32 -0.34 0.00	56.37 -0.34 0.00	62.16 -0.31 0.00	56.08 -0.40 0.00	52.43 -0.53 0.00	45.57 -0.28 0.00	39.52 -0.28 0.00
IP CORINTH___1 23988	41.38 1.67 0.00	37.16 1.46 0.00	33.74 1.27 0.00	31.39 1.29 0.00	30.86 1.27 0.00	35.94 1.51 0.00	39.70 1.67 0.00	43.78 2.01 0.00	45.17 2.03 0.00	45.07 1.90 0.00	45.71 1.88 0.00	46.95 1.68 0.00	52.19 2.01 0.00	54.91 2.21 0.00	58.37 2.35 0.00	63.24 2.48 -4.28	72.00 2.43 -13.04	85.11 3.17 -25.28	82.33 3.40 -22.21	66.47 4.00 0.00	59.98 3.50 0.00	56.04 3.07 0.00	48.36 2.52 0.00	42.02 2.23 0.00
IP___TICONDEROGA 23804	43.56 3.85 0.00	39.02 3.32 0.00	35.20 2.73 0.00	32.69 2.59 0.00	32.11 2.52 0.00	37.73 3.30 0.00	41.53 3.50 0.00	45.87 4.09 0.00	47.24 4.10 0.00	47.01 3.84 0.00	47.55 3.73 0.00	49.04 3.76 0.00	54.70 4.52 0.00	57.70 5.01 0.00	61.17 5.15 0.00	65.90 5.14 -4.28	74.72 5.14 -13.04	87.83 5.89 -25.28	85.27 6.35 -22.21	69.97 7.50 0.00	63.31 6.83 0.00	59.53 6.57 0.00	51.11 5.27 0.00	44.13 4.34 0.00
ISLIP_RES_REC 323679	42.97 3.06 -0.20	38.02 2.32 -0.01	34.52 2.05 0.00	32.49 2.38 -0.01	32.09 2.49 -0.01	36.76 2.34 0.00	41.11 3.08 0.00	45.45 3.68 0.00	46.98 3.84 0.00	47.66 4.49 0.00	47.33 3.51 0.00	49.21 3.94 0.00	55.40 5.22 0.00	60.27 5.64 -1.94	64.69 7.17 -1.50	71.12 7.91 -6.73	77.28 8.02 -12.73	88.79 7.82 -24.31	84.92 7.77 -20.43	71.74 8.12 -1.14	64.97 7.00 -1.50	58.00 5.03 0.00	49.01 4.54 1.37	44.44 4.65 0.00

JAMAICA__27_KV_LOAD 355505	42.05 2.34 0.00	37.52 1.82 0.00	34.23 1.75 0.00	31.97 1.87 0.00	31.54 1.95 0.00	36.49 2.07 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.77 3.62 0.00	47.05 3.89 0.00	47.90 4.08 0.00	49.63 4.35 0.00	55.05 4.87 0.00	57.96 5.27 0.00	62.57 6.55 0.00	67.52 7.34 -3.70	75.18 7.52 -11.13	85.53 7.31 -21.57	82.75 7.09 -18.95	69.85 7.37 0.00	62.35 5.87 0.00	57.31 4.34 0.00	49.65 3.80 0.00	43.46 3.66 0.00
JANIS__SOLAR 323808	41.06 1.35 0.00	36.80 1.11 0.00	33.32 0.84 0.00	30.91 0.81 0.00	30.42 0.83 0.00	35.39 0.96 0.00	39.38 1.25 -0.09	44.95 1.46 -1.72	44.26 1.12 0.00	44.16 0.99 0.00	44.75 0.92 0.00	46.14 0.86 0.00	51.03 0.85 0.00	53.48 0.79 0.00	56.86 0.84 0.00	58.70 1.19 -1.04	61.20 1.53 -3.14	64.79 2.04 -6.09	64.56 2.49 -5.35	65.85 3.37 0.00	59.52 3.05 0.00	55.45 2.49 0.00	47.72 1.88 0.00	41.39 1.59 0.00
JARVIS____ 23743	39.83 0.12 0.00	35.77 0.07 0.00	32.57 0.10 0.00	30.25 0.15 0.00	29.74 0.15 0.00	34.53 0.10 0.00	38.18 0.15 0.00	41.94 0.17 0.00	43.32 0.17 0.00	43.34 0.17 0.00	44.05 0.22 0.00	45.51 0.23 0.00	50.43 0.25 0.00	52.96 0.26 0.00	56.36 0.34 0.00	56.93 0.45 0.00	57.04 0.51 0.00	57.11 0.45 0.00	57.17 0.45 0.00	63.04 0.56 0.00	56.87 0.40 0.00	53.18 0.21 0.00	46.07 0.23 0.00	40.03 0.24 0.00
JENNISON____1 23625	41.30 1.59 0.00	36.98 1.29 0.00	33.48 1.01 0.00	31.12 1.02 0.00	30.60 1.01 0.00	35.56 1.14 0.00	39.44 1.41 0.00	43.57 1.80 0.00	44.70 1.55 0.00	44.72 1.55 0.00	45.40 1.58 0.00	46.82 1.54 0.00	51.79 1.61 0.00	54.22 1.53 0.00	57.98 1.96 0.00	59.90 2.09 -1.34	62.85 2.26 -4.06	67.07 2.55 -7.87	66.35 2.72 -6.91	66.04 3.56 0.00	59.58 3.11 0.00	55.40 2.44 0.00	47.86 2.02 0.00	41.47 1.67 0.00
JENNISON____2 23626	41.30 1.59 0.00	36.98 1.29 0.00	33.48 1.01 0.00	31.12 1.02 0.00	30.60 1.01 0.00	35.56 1.14 0.00	39.44 1.41 0.00	43.57 1.80 0.00	44.70 1.55 0.00	44.72 1.55 0.00	45.40 1.58 0.00	46.82 1.54 0.00	51.79 1.61 0.00	54.22 1.53 0.00	57.98 1.96 0.00	59.90 2.09 -1.34	62.85 2.26 -4.06	67.07 2.55 -7.87	66.35 2.72 -6.91	66.04 3.56 0.00	59.58 3.11 0.00	55.40 2.44 0.00	47.86 2.02 0.00	41.47 1.67 0.00
JERICOHO_RISE_WT_PWR 323719	40.15 0.44 0.00	36.09 0.39 0.00	32.73 0.26 0.00	30.07 -0.03 0.00	29.50 -0.09 0.00	34.46 0.03 0.00	37.77 -0.26 0.00	41.53 -0.25 0.00	42.93 -0.21 0.00	42.78 -0.39 0.00	43.21 -0.61 0.00	44.46 -0.81 0.00	49.23 -0.95 0.00	51.48 -1.21 0.00	54.62 -1.40 0.00	54.39 -2.09 0.00	54.44 -2.09 0.00	54.45 -2.21 0.00	54.44 -2.27 0.00	59.91 -2.56 0.00	54.50 -1.98 0.00	51.75 -1.22 0.00	44.79 -1.05 0.00	38.72 -1.07 0.00
KATONAH__115KV_46KV_TB4 355592	41.93 2.22 0.00	37.45 1.75 0.00	34.03 1.56 0.00	31.87 1.78 0.00	31.46 1.86 0.00	36.32 1.89 0.00	40.35 2.32 0.00	44.66 2.88 0.00	46.29 3.15 0.00	46.54 3.37 0.00	47.38 3.55 0.00	49.13 3.85 0.00	54.55 4.37 0.00	57.49 4.79 0.00	61.96 5.94 0.00	67.15 6.95 -3.72	74.92 7.18 -11.21	85.52 7.14 -21.72	82.60 6.81 -19.08	69.47 7.00 0.00	61.84 5.37 0.00	56.99 4.03 0.00	49.23 3.39 0.00	43.10 3.30 0.00
KCE_NY_1 323755	41.61 1.91 0.00	37.30 1.61 0.00	33.97 1.49 0.00	31.63 1.53 0.00	31.07 1.48 0.00	36.08 1.65 0.00	39.89 1.86 0.00	43.95 2.17 0.00	45.34 2.20 0.00	45.28 2.11 0.00	45.93 2.10 0.00	47.45 2.17 0.00	52.69 2.51 0.00	55.43 2.74 0.00	58.93 2.91 0.00	63.91 3.16 -4.27	72.76 3.22 -13.01	85.45 3.57 -25.22	82.61 3.74 -22.16	66.72 4.25 0.00	60.14 3.67 0.00	56.14 3.18 0.00	48.45 2.61 0.00	42.18 2.39 0.00
KCE_NY_6_ESR 323823	38.24 -1.47 0.00	34.16 -1.53 0.00	30.69 -1.79 0.00	28.60 -1.50 0.00	28.02 -1.57 0.00	32.26 -2.17 0.00	35.02 -2.62 0.39	31.60 -2.84 7.34	39.43 -3.71 0.00	39.71 -3.46 0.00	40.41 -3.42 0.00	41.75 -3.53 0.00	46.21 -3.97 0.00	48.64 -4.06 0.00	50.92 -5.10 0.00	52.25 -4.86 -0.64	54.27 -4.18 -1.93	57.05 -3.34 -3.73	56.93 -3.06 -3.28	59.79 -2.68 0.00	54.33 -2.15 0.00	50.32 -2.65 0.00	44.01 -1.84 0.00	38.84 -0.96 0.00
KEDC_PORT_JEFF_GT2 24210	42.69 2.78 -0.20	37.85 2.14 -0.01	34.36 1.88 0.00	32.34 2.23 -0.01	31.91 2.31 -0.01	36.56 2.13 0.00	40.88 2.85 0.00	45.16 3.38 0.00	46.64 3.49 0.00	47.27 4.10 0.00	46.89 3.07 0.00	48.76 3.49 0.00	54.75 4.57 0.00	59.06 4.58 -1.79	63.46 6.05 -1.39	69.70 6.72 -6.50	75.97 6.84 -12.60	87.44 6.68 -24.10	83.61 6.58 -20.32	70.40 6.87 -1.06	63.73 5.87 -1.39	57.25 4.29 0.00	48.28 4.04 1.60	44.05 4.26 0.00
KEDC_PORT_JEFF_GT3 24211	42.69 2.78 -0.20	37.85 2.14 -0.01	34.36 1.88 0.00	32.34 2.23 -0.01	31.91 2.31 -0.01	36.56 2.13 0.00	40.88 2.85 0.00	45.16 3.38 0.00	46.64 3.49 0.00	47.27 4.10 0.00	46.89 3.07 0.00	48.76 3.49 0.00	54.75 4.57 0.00	59.06 4.58 -1.79	63.46 6.05 -1.39	69.70 6.72 -6.50	75.97 6.84 -12.60	87.44 6.68 -24.10	83.61 6.58 -20.32	70.40 6.87 -1.06	63.73 5.87 -1.39	57.25 4.29 0.00	48.28 4.04 1.60	44.05 4.26 0.00
KEDC_GLWD_GT4 24219	42.55 2.50 -0.34	37.71 2.00 -0.02	34.32 1.85 0.00	32.16 2.05 -0.02	31.74 2.13 -0.02	36.56 2.13 0.00	40.69 2.66 0.00	45.04 3.26 0.00	46.64 3.49 0.00	47.10 3.93 0.00	47.46 3.64 0.00	49.32 4.03 -0.01	54.71 4.52 -0.01	65.55 5.06 -7.80	68.32 6.22 -6.08	79.31 6.89 -15.95	81.05 6.95 -17.57	96.07 6.80 -32.62	88.24 6.58 -24.95	74.05 6.93 -4.64	68.02 5.54 -6.00	57.05 4.08 -0.01	57.87 3.67 -8.36	43.74 3.94 -0.01
KEDC_GLWD_GT5 24220	42.55 2.50 -0.34	37.71 2.00 -0.02	34.32 1.85 0.00	32.16 2.05 -0.02	31.74 2.13 -0.02	36.56 2.13 0.00	40.69 2.66 0.00	45.04 3.26 0.00	46.64 3.49 0.00	47.10 3.93 0.00	47.46 3.64 0.00	49.32 4.03 -0.01	54.71 4.52 -0.01	65.55 5.06 -7.80	68.32 6.22 -6.08	79.31 6.89 -15.95	81.05 6.95 -17.57	96.07 6.80 -32.62	88.24 6.58 -24.95	74.05 6.93 -4.64	68.02 5.54 -6.00	57.05 4.08 -0.01	57.87 3.67 -8.36	43.74 3.94 -0.01
KENSICO____ 23655	41.85 2.14 0.00	37.34 1.64 0.00	34.00 1.53 0.00	31.81 1.72 0.00	31.40 1.81 0.00	36.21 1.79 0.00	40.31 2.28 0.00	44.57 2.80 0.00	46.21 3.06 0.00	46.49 3.32 0.00	47.20 3.37 0.00	48.95 3.67 0.00	54.24 4.06 0.00	57.17 4.48 0.00	61.45 5.43 0.00	66.38 6.21 -3.69	73.92 6.27 -11.11	84.38 6.18 -21.54	81.54 5.90 -18.93	68.72 6.25 0.00	61.39 4.91 0.00	56.62 3.65 0.00	49.00 3.16 0.00	42.98 3.18 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.05 2.34 0.00	37.55 1.86 0.00	34.10 1.62 0.00	31.91 1.81 0.00	31.46 1.86 0.00	36.39 1.96 0.00	40.43 2.40 0.00	44.70 2.92 0.00	46.34 3.19 0.00	46.45 3.28 0.00	47.11 3.29 0.00	48.86 3.58 0.00	54.19 4.01 0.00	57.12 4.43 0.00	61.56 5.55 0.00	66.17 6.10 -3.60	73.63 6.33 -10.77	83.33 6.18 -20.50	80.72 5.96 -18.05	69.03 6.56 0.00	61.78 5.31 0.00	57.10 4.13 0.00	49.37 3.53 0.00	43.10 3.30 0.00

KIAC_JFK_GT1 23816	41.69 1.99 0.00	37.20 1.50 0.00	34.03 1.56 0.00	31.81 1.72 0.00	31.40 1.81 0.00	36.28 1.86 0.00	40.24 2.21 0.00	44.62 2.84 0.00	46.38 3.24 0.00	46.67 3.50 0.00	47.46 3.64 0.00	49.22 3.94 0.00	54.55 4.37 0.00	57.43 4.74 0.00	62.01 5.99 0.00	66.95 6.78 -3.70	74.55 6.90 -11.13	84.91 6.69 -21.57	82.07 6.41 -18.95	69.16 6.68 0.00	61.73 5.25 0.00	56.72 3.76 0.00	49.14 3.30 0.00	43.06 3.26 0.00
KIAC_JFK_GT2 23817	41.69 1.99 0.00	37.20 1.50 0.00	34.03 1.56 0.00	31.81 1.72 0.00	31.40 1.81 0.00	36.28 1.86 0.00	40.24 2.21 0.00	44.62 2.84 0.00	46.38 3.24 0.00	46.67 3.50 0.00	47.46 3.64 0.00	49.22 3.94 0.00	54.55 4.37 0.00	57.43 4.74 0.00	62.01 5.99 0.00	66.95 6.78 -3.70	74.55 6.90 -11.13	84.91 6.69 -21.57	82.07 6.41 -18.95	69.16 6.68 0.00	61.73 5.25 0.00	56.72 3.76 0.00	49.14 3.30 0.00	43.06 3.26 0.00
KIAC_JFK____ 323774	41.69 1.98 0.00	37.19 1.50 0.00	34.03 1.56 0.00	31.81 1.71 0.00	31.40 1.81 0.00	36.28 1.86 0.00	40.24 2.20 0.00	44.62 2.84 0.00	46.38 3.24 0.00	46.66 3.50 0.00	47.46 3.64 0.00	49.17 3.89 0.00	54.54 4.36 0.00	57.44 4.74 0.00	61.79 5.77 0.00	66.95 6.77 -3.70	74.49 6.84 -11.13	84.96 6.74 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.73 5.25 0.00	56.78 3.82 0.00	49.14 3.30 0.00	43.14 3.34 0.00
KINTIGH__24_KV_GSU 356498	38.08 -1.63 0.00	34.13 -1.57 0.00	30.78 -1.69 0.00	28.68 -1.41 0.00	28.11 -1.48 0.00	32.43 -2.00 0.00	35.51 -2.32 0.20	35.42 -2.63 3.73	39.82 -3.32 0.00	40.06 -3.11 0.00	40.76 -3.07 0.00	42.11 -3.17 0.00	46.62 -3.56 0.00	48.95 -3.74 0.00	51.37 -4.65 0.00	53.05 -3.95 -0.53	54.68 -3.45 -1.60	57.10 -2.66 -3.10	56.94 -2.49 -2.72	59.66 -2.81 0.00	54.22 -2.26 0.00	50.21 -2.76 0.00	43.69 -2.15 0.00	38.60 -1.19 0.00
KINTIGH____ 23543	38.08 -1.63 0.00	34.13 -1.57 0.00	30.78 -1.69 0.00	28.68 -1.41 0.00	28.11 -1.48 0.00	32.43 -2.00 0.00	35.51 -2.32 0.20	35.42 -2.63 3.73	39.82 -3.32 0.00	40.06 -3.11 0.00	40.76 -3.07 0.00	42.11 -3.17 0.00	46.57 -3.61 0.00	48.79 -3.90 0.00	51.87 -4.15 0.00	53.16 -3.84 -0.53	54.68 -3.45 -1.60	57.10 -2.66 -3.10	56.94 -2.50 -2.72	59.66 -2.81 0.00	54.22 -2.26 0.00	50.26 -2.70 0.00	43.73 -2.11 0.00	38.60 -1.19 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.74 1.03 0.00	36.59 0.89 0.00	33.19 0.71 0.00	30.49 0.39 0.00	29.92 0.33 0.00	34.90 0.48 0.00	38.22 0.19 0.00	42.11 0.33 0.00	43.49 0.35 0.00	43.39 0.22 0.00	43.78 -0.04 0.00	45.05 -0.23 0.00	49.88 -0.30 0.00	52.17 -0.53 0.00	55.07 -0.95 0.00	55.06 -1.41 0.00	55.23 -1.30 0.00	55.24 -1.42 0.00	55.24 -1.47 0.00	60.91 -1.56 0.00	55.35 -1.13 0.00	52.54 -0.42 0.00	45.38 -0.46 0.00	39.28 -0.52 0.00
LACHUTE____HYDRO 323717	43.56 3.85 0.00	39.02 3.32 0.00	35.20 2.73 0.00	32.69 2.59 0.00	32.11 2.51 0.00	37.73 3.30 0.00	41.53 3.50 0.00	45.87 4.10 0.00	47.24 4.10 0.00	47.01 3.84 0.00	47.55 3.72 0.00	49.03 3.76 0.00	54.70 4.52 0.00	57.70 5.01 0.00	61.00 4.98 0.00	65.90 5.14 -4.28	74.71 5.14 -13.04	87.83 5.89 -25.28	85.27 6.35 -22.21	69.97 7.49 0.00	63.31 6.83 0.00	59.53 6.57 0.00	50.88 5.04 0.00	44.13 4.34 0.00
LAWRNCV_115KV_TB1 80681	40.58 0.87 0.00	36.52 0.82 0.00	33.02 0.55 0.00	30.34 0.24 0.00	29.77 0.18 0.00	34.97 0.55 0.00	38.37 0.34 0.00	42.28 0.50 0.00	43.58 0.43 0.00	43.51 0.35 0.00	44.09 0.26 0.00	45.28 0.00 0.00	50.23 0.05 0.00	52.64 -0.05 0.00	55.68 -0.34 0.00	55.68 -0.85 -0.05	55.84 -0.85 -0.16	55.55 -1.42 -0.31	55.57 -1.42 -0.27	61.04 -1.44 0.00	55.52 -0.96 0.00	52.70 -0.26 0.00	45.80 -0.05 0.00	39.52 -0.28 0.00
LEDERLE____ 23769	41.85 2.14 0.00	37.37 1.68 0.00	34.00 1.53 0.00	31.84 1.75 0.00	31.43 1.83 0.00	36.25 1.82 0.00	40.35 2.32 0.00	44.62 2.84 0.00	46.21 3.06 0.00	46.45 3.28 0.00	47.16 3.33 0.00	48.90 3.62 0.00	54.19 4.01 0.00	57.12 4.43 0.00	61.40 5.38 0.00	66.09 5.99 -3.63	73.55 6.11 -10.92	83.77 5.95 -21.16	80.98 5.67 -18.59	68.60 6.12 0.00	61.33 4.86 0.00	56.62 3.65 0.00	49.00 3.16 0.00	42.94 3.14 0.00
LIGHTHSE_115KV_TB6 355974	39.63 -0.08 0.00	35.70 0.00 0.00	32.41 -0.06 0.00	30.04 -0.06 0.00	29.47 -0.12 0.00	34.29 -0.14 0.00	37.96 -0.08 0.00	41.61 -0.17 0.00	42.84 -0.30 0.00	42.82 -0.35 0.00	43.56 -0.26 0.00	44.96 -0.32 0.00	49.78 -0.40 0.00	52.06 -0.63 0.00	55.51 -0.50 0.00	56.36 -0.40 -0.28	57.05 -0.34 -0.86	58.10 -0.23 -1.67	57.96 -0.23 -1.47	62.47 0.00 0.00	56.48 0.00 0.00	52.86 -0.11 0.00	45.84 0.00 0.00	39.71 -0.08 0.00
LINDEN COGEN____ 23786	41.77 2.06 0.00	37.26 1.57 0.00	33.94 1.46 0.00	31.75 1.65 0.00	31.34 1.75 0.00	36.18 1.75 0.00	40.31 2.28 0.00	44.62 2.84 0.00	46.34 3.19 0.00	46.62 3.45 0.00	47.42 3.59 0.00	48.80 3.76 0.23	50.00 4.12 4.30	51.76 4.43 5.36	55.20 5.38 6.19	58.67 6.32 4.13	67.95 6.39 -5.03	78.69 6.23 -15.80	73.16 5.90 -10.55	61.27 6.13 7.33	54.43 4.74 6.79	51.06 3.49 5.40	49.00 3.16 0.00	43.14 3.34 0.00
LINDHRST_69_KV_BK1 356055	42.87 2.94 -0.22	38.06 2.36 -0.01	34.58 2.11 0.00	32.49 2.38 -0.01	32.06 2.46 -0.01	36.80 2.38 0.00	41.15 3.12 0.00	45.49 3.72 0.00	46.94 3.80 0.00	47.44 4.27 0.00	47.38 3.55 0.00	49.22 3.94 0.00	55.30 5.12 -0.01	62.48 5.85 -3.94	65.92 6.83 -3.07	73.87 7.51 -9.89	78.72 7.80 -14.39	91.52 7.71 -27.15	86.18 7.49 -21.98	72.81 8.00 -2.34	66.17 6.66 -3.03	58.11 5.14 -0.01	51.78 4.45 -1.49	44.29 4.50 0.00
LIPA_MISC_IPP 23656	42.41 2.50 -0.20	37.60 1.89 -0.01	34.10 1.62 0.00	32.09 1.99 -0.01	31.70 2.10 -0.01	36.28 1.86 0.00	40.62 2.59 0.00	44.83 3.05 0.00	46.21 3.06 0.00	46.75 3.58 0.00	46.54 2.72 0.00	48.40 3.12 0.00	54.44 4.27 0.00	59.37 4.95 -1.73	63.19 5.83 -1.34	69.55 6.66 -6.41	76.10 7.01 -12.55	87.64 6.97 -24.01	83.74 6.75 -20.27	70.62 7.12 -1.02	64.19 6.38 -1.34	57.68 4.71 0.00	48.10 3.94 1.69	43.73 3.94 0.00
LISF____SOLAR 323691	42.49 2.58 -0.20	37.63 1.93 -0.01	34.13 1.66 0.00	32.16 2.05 -0.01	31.76 2.16 -0.01	36.35 1.93 0.00	40.65 2.62 0.00	44.91 3.13 0.00	46.34 3.19 0.00	47.01 3.84 0.00	46.59 2.76 0.00	48.44 3.17 0.00	54.50 4.32 0.00	59.24 4.79 -1.75	63.65 6.27 -1.36	69.87 6.94 -6.45	76.23 7.12 -12.57	87.73 7.02 -24.05	83.98 6.97 -20.29	70.76 7.24 -1.04	64.38 6.55 -1.35	57.46 4.50 0.00	48.27 4.08 1.65	43.93 4.14 0.00
LITTLE FALLS____HYD 24013	39.31 -0.40 0.00	35.27 -0.43 0.00	32.08 -0.39 0.00	29.77 -0.33 0.00	29.30 -0.30 0.00	34.08 -0.34 0.00	37.69 -0.34 0.00	41.44 -0.33 0.00	42.80 -0.35 0.00	42.82 -0.35 0.00	43.52 -0.31 0.00	44.92 -0.36 0.00	49.78 -0.40 0.00	52.27 -0.42 0.00	55.68 -0.34 0.00	56.19 -0.28 0.00	56.31 -0.23 0.00	56.32 -0.34 0.00	56.37 -0.34 0.00	62.16 -0.31 0.00	56.08 -0.40 0.00	52.43 -0.53 0.00	45.57 -0.28 0.00	39.52 -0.28 0.00

LITTLRIV_115KV_TB1 356100	41.06 1.35 0.00	36.91 1.21 0.00	33.35 0.88 0.00	30.61 0.51 0.00	30.06 0.47 0.00	35.35 0.93 0.00	38.75 0.72 0.00	42.69 0.92 0.00	43.96 0.82 0.00	43.82 0.65 0.00	44.44 0.61 0.00	45.60 0.32 0.00	50.53 0.35 0.00	52.96 0.26 0.00	56.07 0.06 0.00	56.02 -0.51 -0.06	56.25 -0.45 -0.17	55.97 -1.02 -0.33	56.09 -0.91 -0.29	61.66 0.00	56.19 -0.28 0.00	53.34 0.37 0.00	46.30 0.46 0.00	39.87 0.08 0.00
LI_NEWBRDGE___DRP 323616	42.08 2.18 -0.18	37.49 1.78 -0.01	34.10 1.62 0.00	32.00 1.90 -0.01	31.58 1.98 -0.01	36.32 1.89 0.00	40.54 2.51 0.00	44.83 3.05 0.00	46.25 3.11 0.00	46.67 3.50 0.00	46.72 2.89 0.00	48.53 3.26 0.01	54.44 4.27 0.01	58.05 4.95 -0.41	62.27 5.94 -0.32	67.26 6.44 -0.41	74.78 6.78 -11.46	85.50 6.69 -22.15	82.44 6.47 -19.26	69.59 6.87 -0.24	62.32 5.53 -0.31	57.04 4.08 0.01	45.92 3.76 3.68	43.49 3.70 0.01
LOCKPORT_115KV_TB60_63_64 80432	38.08 -1.63 0.00	33.98 -1.71 0.00	30.56 -1.92 0.00	28.59 -1.50 0.00	27.99 -1.60 0.00	32.22 -2.20 0.00	35.14 -2.59 0.30	33.27 -2.84 5.67	39.13 -4.01 0.00	39.41 -3.76 0.00	40.10 -3.73 0.00	41.38 -3.89 0.00	45.81 -4.37 0.00	48.00 -4.69 0.00	51.03 -4.99 0.00	52.14 -4.91 -0.58	53.75 -4.52 -1.75	56.47 -3.57 -3.38	56.34 -3.35 -2.97	59.10 -3.37 0.00	53.76 -2.71 0.00	49.79 -3.18 0.00	43.50 -2.34 0.00	38.48 -1.31 0.00
LOCKPORT___CC1 323769	38.04 -1.67 0.00	33.95 -1.75 0.00	30.53 -1.95 0.00	28.53 -1.57 0.00	27.93 -1.66 0.00	32.15 -2.27 0.00	35.03 -2.66 0.33	32.53 -2.97 6.28	39.09 -4.06 0.00	39.37 -3.80 0.00	40.06 -3.77 0.00	41.38 -3.89 0.00	45.76 -4.42 0.00	48.11 -4.58 0.00	50.36 -5.66 0.00	51.86 -5.19 -0.58	53.72 -4.58 -1.76	56.45 -3.63 -3.42	56.31 -3.40 -3.00	59.04 -3.44 0.00	53.71 -2.77 0.00	49.68 -3.28 0.00	43.41 -2.43 0.00	38.44 -1.35 0.00
LOCKPORT___CC2 323770	38.04 -1.67 0.00	33.95 -1.75 0.00	30.53 -1.95 0.00	28.53 -1.57 0.00	27.93 -1.66 0.00	32.15 -2.27 0.00	35.03 -2.66 0.33	32.53 -2.97 6.28	39.09 -4.06 0.00	39.37 -3.80 0.00	40.06 -3.77 0.00	41.38 -3.89 0.00	45.76 -4.42 0.00	48.11 -4.58 0.00	50.36 -5.66 0.00	51.86 -5.19 -0.58	53.72 -4.58 -1.76	56.45 -3.63 -3.42	56.31 -3.40 -3.00	59.04 -3.44 0.00	53.71 -2.77 0.00	49.68 -3.28 0.00	43.41 -2.43 0.00	38.44 -1.35 0.00
LOCKPORT___CC3 323771	38.04 -1.67 0.00	33.95 -1.75 0.00	30.53 -1.95 0.00	28.53 -1.57 0.00	27.93 -1.66 0.00	32.15 -2.27 0.00	35.03 -2.66 0.33	32.53 -2.97 6.28	39.09 -4.06 0.00	39.37 -3.80 0.00	40.06 -3.77 0.00	41.38 -3.89 0.00	45.76 -4.42 0.00	48.11 -4.58 0.00	50.36 -5.66 0.00	51.86 -5.19 -0.58	53.72 -4.58 -1.76	56.45 -3.63 -3.42	56.31 -3.40 -3.00	59.04 -3.44 0.00	53.71 -2.77 0.00	49.68 -3.28 0.00	43.41 -2.43 0.00	38.44 -1.35 0.00
LOCUSVLY_69_KV_BK2 55797	42.59 2.58 -0.30	37.82 2.11 -0.02	34.36 1.88 0.00	32.25 2.14 -0.01	31.79 2.19 -0.01	36.59 2.17 0.00	40.81 2.78 0.00	45.16 3.38 0.00	46.68 3.54 0.00	47.10 3.93 0.00	47.38 3.55 0.00	49.27 3.98 -0.01	55.05 4.87 -0.01	64.68 5.59 -6.41	67.62 6.61 -4.99	77.52 7.29 -13.76	80.47 7.52 -16.42	94.67 7.37 -30.65	87.73 7.15 -23.87	73.78 7.50 -3.81	67.45 6.04 -4.93	57.52 4.55 -0.01	55.84 3.99 -6.01	43.82 4.02 -0.01
LONG_LAKE_PHOENIX 24014	38.68 -1.03 0.00	34.91 -0.79 0.00	31.73 -0.75 0.00	29.47 -0.63 0.00	28.97 -0.62 0.00	33.63 -0.79 0.00	37.27 -0.76 0.00	40.81 -0.96 0.00	42.11 -1.04 0.00	42.18 -0.99 0.00	42.82 -1.01 0.00	44.28 -1.00 0.00	49.08 -1.10 0.00	51.43 -1.26 0.00	54.79 -1.23 0.00	55.72 -1.07 -0.31	56.41 -1.07 -0.95	57.59 -0.91 -1.84	57.48 -0.85 -1.61	61.60 -0.87 0.00	55.57 -0.90 0.00	51.91 -1.06 0.00	44.88 -0.96 0.00	39.04 -0.76 0.00
LOVETT___3 23632	41.69 1.99 0.00	37.20 1.50 0.00	33.87 1.40 0.00	31.69 1.60 0.00	31.28 1.69 0.00	36.08 1.65 0.00	40.16 2.13 0.00	44.37 2.59 0.00	45.95 2.80 0.00	46.23 3.07 0.00	46.89 3.07 0.00	48.63 3.35 0.00	53.89 3.71 0.00	56.75 4.06 0.00	61.00 4.99 0.00	65.76 5.65 -3.64	73.25 5.77 -10.96	83.50 5.61 -21.24	80.76 5.39 -18.66	68.22 5.75 0.00	60.94 4.46 0.00	56.25 3.28 0.00	48.73 2.89 0.00	42.74 2.94 0.00
LOVETT___4 23642	41.69 1.99 0.00	37.20 1.50 0.00	33.87 1.40 0.00	31.69 1.60 0.00	31.28 1.69 0.00	36.08 1.65 0.00	40.16 2.13 0.00	44.37 2.59 0.00	45.95 2.80 0.00	46.23 3.07 0.00	46.89 3.07 0.00	48.63 3.35 0.00	53.89 3.71 0.00	56.75 4.06 0.00	61.00 4.99 0.00	65.76 5.65 -3.64	73.25 5.77 -10.96	83.50 5.61 -21.24	80.76 5.39 -18.66	68.22 5.75 0.00	60.94 4.46 0.00	56.25 3.28 0.00	48.73 2.89 0.00	42.74 2.94 0.00
LOVETT___5 23593	41.69 1.99 0.00	37.20 1.50 0.00	33.87 1.40 0.00	31.69 1.60 0.00	31.28 1.69 0.00	36.08 1.65 0.00	40.16 2.13 0.00	44.37 2.59 0.00	45.95 2.80 0.00	46.23 3.07 0.00	46.89 3.07 0.00	48.63 3.35 0.00	53.89 3.71 0.00	56.75 4.06 0.00	61.00 4.99 0.00	65.76 5.65 -3.64	73.25 5.77 -10.96	83.50 5.61 -21.24	80.76 5.39 -18.66	68.22 5.75 0.00	60.94 4.46 0.00	56.25 3.28 0.00	48.73 2.89 0.00	42.74 2.94 0.00
LOWER RAQUET___HYD 24057	40.66 0.95 0.00	36.59 0.89 0.00	33.06 0.59 0.00	30.37 0.27 0.00	29.80 0.21 0.00	35.01 0.58 0.00	38.41 0.38 0.00	42.32 0.54 0.00	43.62 0.48 0.00	43.51 0.34 0.00	44.14 0.31 0.00	45.32 0.05 0.00	50.23 0.05 0.00	52.64 -0.05 0.00	55.91 -0.11 0.00	55.74 -0.79 -0.06	55.86 -0.85 -0.18	55.53 -1.47 -0.34	55.54 -1.47 -0.30	60.97 -1.50 0.00	55.52 -0.96 0.00	52.65 -0.32 0.00	45.80 -0.05 0.00	39.52 -0.28 0.00
LOWER___HUDSON 24059	41.18 1.47 0.00	36.84 1.14 0.00	33.68 1.20 0.00	31.39 1.29 0.00	30.86 1.27 0.00	35.73 1.31 0.00	39.55 1.52 0.00	43.57 1.80 0.00	45.04 1.90 0.00	44.98 1.81 0.00	45.67 1.84 0.00	47.22 1.95 0.00	52.39 2.21 0.00	55.07 2.37 0.00	58.60 2.58 0.00	63.56 2.88 -4.21	72.36 2.99 -12.83	84.76 3.23 -24.87	81.97 3.40 -21.85	66.16 3.69 0.00	59.52 3.05 0.00	55.40 2.44 0.00	47.95 2.11 0.00	41.74 1.95 0.00
LOWVILLE_115KV_TB2 356335	40.98 1.27 0.00	36.84 1.14 0.00	33.38 0.91 0.00	30.85 0.75 0.00	29.95 0.36 0.00	35.01 0.59 0.00	38.68 0.65 0.00	42.61 0.84 0.00	43.75 0.60 0.00	43.60 0.43 0.00	44.26 0.44 0.00	45.55 0.27 0.00	50.38 0.20 0.00	52.74 0.05 0.00	56.30 0.28 0.00	56.85 0.23 -0.14	57.31 0.34 -0.44	57.84 0.34 -0.84	57.97 0.51 -0.74	63.41 0.94 0.00	57.49 1.02 0.00	53.86 0.90 0.00	46.71 0.87 0.00	40.27 0.48 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.61 1.91 0.00	37.27 1.57 0.00	33.93 1.46 0.00	31.60 1.50 0.00	31.04 1.45 0.00	36.08 1.65 0.00	39.86 1.83 0.00	43.91 2.13 0.00	45.34 2.20 0.00	45.28 2.12 0.00	45.93 2.10 0.00	47.41 2.13 0.00	52.64 2.46 0.00	55.38 2.69 0.00	58.99 2.97 0.00	63.91 3.16 -4.27	72.71 3.17 -13.01	85.39 3.51 -25.22	82.61 3.74 -22.16	66.66 4.19 0.00	60.09 3.61 0.00	56.09 3.12 0.00	48.45 2.61 0.00	42.18 2.39 0.00

LUTHERNY_35_KV_BK2 355980	41.61 1.91 0.00	37.30 1.61 0.00	33.97 1.49 0.00	31.63 1.54 0.00	31.07 1.48 0.00	36.08 1.65 0.00	39.89 1.86 0.00	43.95 2.17 0.00	45.39 2.24 0.00	45.28 2.12 0.00	45.93 2.10 0.00	47.45 2.17 0.00	52.69 2.51 0.00	55.43 2.74 0.00	59.04 3.03 0.00	63.91 3.16 -4.27	72.76 3.22 -13.01	85.44 3.57 -25.22	82.61 3.74 -22.16	66.72 4.25 0.00	60.15 3.67 0.00	56.14 3.18 0.00	48.50 2.66 0.00	42.18 2.39 0.00
LWR___OSWEGATCHIE_HYD 23850	40.74 1.03 0.00	36.66 0.96 0.00	33.15 0.68 0.00	30.55 0.45 0.00	29.86 0.27 0.00	35.01 0.59 0.00	38.53 0.49 0.00	42.44 0.67 0.00	43.66 0.52 0.00	43.51 0.35 0.00	44.13 0.31 0.00	45.37 0.09 0.00	50.28 0.10 0.00	52.59 -0.11 0.00	55.91 -0.11 0.00	56.19 -0.40 -0.11	56.51 -0.34 -0.32	56.66 -0.62 -0.62	56.75 -0.51 -0.55	62.16 -0.31 0.00	56.48 0.00 0.00	53.28 0.32 0.00	46.30 0.46 0.00	39.87 0.08 0.00
LYONS_FALL_HYD 23570	40.82 1.11 0.00	36.66 0.96 0.00	33.25 0.78 0.00	30.76 0.66 0.00	30.04 0.44 0.00	35.04 0.62 0.00	38.72 0.69 0.00	42.65 0.88 0.00	43.88 0.73 0.00	43.77 0.60 0.00	44.48 0.66 0.00	45.82 0.55 0.00	50.73 0.55 0.00	53.17 0.47 0.00	56.69 0.67 0.00	57.23 0.62 -0.14	57.68 0.73 -0.41	58.25 0.79 -0.80	58.32 0.90 -0.70	63.79 1.31 0.00	57.78 1.30 0.00	54.02 1.06 0.00	46.81 0.96 0.00	40.43 0.63 0.00
MADISON___COUNTY_LFGE 323628	40.70 0.99 0.00	36.59 0.89 0.00	33.19 0.71 0.00	30.79 0.69 0.00	30.24 0.65 0.00	35.21 0.79 0.00	38.98 0.95 0.00	42.95 1.17 0.00	44.18 1.04 0.00	44.21 1.04 0.00	44.97 1.14 0.00	46.37 1.09 0.00	51.33 1.15 0.00	53.85 1.16 0.00	57.42 1.40 0.00	58.17 1.47 -0.23	58.75 1.53 -0.70	59.71 1.70 -1.35	59.66 1.76 -1.19	64.72 2.25 0.00	58.45 1.98 0.00	54.61 1.64 0.00	47.17 1.33 0.00	40.83 1.03 0.00
MALONE___115KV_TB1 356076	40.70 0.99 0.00	36.59 0.89 0.00	33.12 0.65 0.00	30.43 0.33 0.00	29.86 0.27 0.00	34.94 0.52 0.00	38.26 0.23 0.00	42.19 0.42 0.00	43.58 0.43 0.00	43.43 0.26 0.00	43.91 0.09 0.00	45.14 -0.14 0.00	50.03 -0.15 0.00	52.38 -0.32 0.00	55.35 -0.67 0.00	55.29 -1.19 0.00	55.46 -1.07 0.00	55.30 -1.36 0.00	55.30 -1.42 0.00	61.04 -1.44 0.00	55.46 -1.02 0.00	52.70 -0.26 0.00	45.52 -0.32 0.00	39.36 -0.44 0.00
MAPLEWOD_115KV_TB3 80458	40.90 1.19 0.00	36.59 0.89 0.00	33.48 1.01 0.00	31.21 1.11 0.00	30.66 1.07 0.00	35.49 1.07 0.00	39.29 1.26 0.00	43.24 1.46 0.00	44.70 1.55 0.00	44.68 1.51 0.00	45.40 1.58 0.00	47.00 1.72 0.00	52.14 1.96 0.00	54.85 2.16 0.00	58.37 2.35 0.00	63.27 2.60 -4.20	71.91 2.60 -12.77	84.20 2.78 -24.76	81.31 2.84 -21.76	65.54 3.06 0.00	58.96 2.48 0.00	54.87 1.91 0.00	47.49 1.65 0.00	41.35 1.55 0.00
MAPLE_RIDGE_WT_1 323574	39.55 -0.16 0.00	35.48 -0.21 0.00	32.21 -0.26 0.00	29.77 -0.33 0.00	29.24 -0.35 0.00	33.97 -0.45 0.00	37.46 -0.57 0.00	41.15 -0.63 0.00	42.45 -0.69 0.00	42.44 -0.73 0.00	43.04 -0.79 0.00	44.42 -0.86 0.00	49.23 -0.95 0.00	51.69 -1.00 0.00	54.90 -1.12 0.00	55.23 -1.24 0.00	55.34 -1.19 0.00	55.41 -1.25 0.00	55.52 -1.19 0.00	61.16 -1.31 0.00	55.40 -1.07 0.00	52.11 -0.85 0.00	45.11 -0.74 0.00	39.12 -0.68 0.00
MAPLE_RIDGE_WT_2 323611	39.55 -0.16 0.00	35.48 -0.21 0.00	32.21 -0.26 0.00	29.77 -0.33 0.00	29.24 -0.35 0.00	33.97 -0.45 0.00	37.46 -0.57 0.00	41.15 -0.63 0.00	42.45 -0.69 0.00	42.44 -0.73 0.00	43.04 -0.79 0.00	44.42 -0.86 0.00	49.23 -0.95 0.00	51.69 -1.00 0.00	54.90 -1.12 0.00	55.23 -1.24 0.00	55.34 -1.19 0.00	55.41 -1.25 0.00	55.52 -1.19 0.00	61.16 -1.31 0.00	55.40 -1.07 0.00	52.11 -0.85 0.00	45.11 -0.74 0.00	39.12 -0.68 0.00
MARBLE_RIVER_WT_PWR 323696	40.22 0.51 0.00	36.13 0.43 0.00	32.80 0.32 0.00	30.13 0.03 0.00	29.56 -0.03 0.00	34.53 0.10 0.00	37.84 -0.19 0.00	41.65 -0.12 0.00	43.02 -0.13 0.00	42.87 -0.30 0.00	43.30 -0.52 0.00	44.55 -0.73 0.00	49.33 -0.85 0.00	51.58 -1.11 0.00	54.67 -1.34 0.00	54.50 -1.98 0.00	54.55 -1.98 0.00	54.56 -2.10 0.00	54.56 -2.16 0.00	60.10 -2.37 0.00	54.61 -1.86 0.00	51.80 -1.17 0.00	44.88 -0.96 0.00	38.80 -0.99 0.00
MARSHVLE_115KV_TB1 80742	42.96 3.26 0.00	38.44 2.75 0.00	34.88 2.40 0.00	32.48 2.38 0.00	31.93 2.34 0.00	37.21 2.79 0.00	41.00 2.97 0.00	44.99 3.22 0.00	46.29 3.15 0.00	46.10 2.94 0.00	46.59 2.76 0.00	48.09 2.81 0.00	53.34 3.16 0.00	56.28 3.58 0.00	59.72 3.70 0.00	64.98 3.73 -4.78	74.78 3.73 -14.52	88.60 3.80 -28.14	86.09 4.65 -24.73	68.41 5.94 0.00	62.07 5.59 0.00	57.89 4.93 0.00	50.15 4.31 0.00	43.46 3.66 0.00
MARSH_HILL_WT_PWR 323713	38.75 -0.95 0.00	34.55 -1.14 0.00	30.95 -1.53 0.00	28.75 -1.35 0.00	28.17 -1.42 0.00	32.56 -1.86 0.00	37.23 -2.09 -1.29	63.95 -2.22 -24.39	42.58 -0.56 0.00	42.56 -0.60 0.00	43.08 -0.75 0.00	44.51 -0.77 0.00	48.93 -1.25 0.00	51.27 -1.42 0.00	54.28 -1.74 0.00	55.81 -1.41 -0.74	57.93 -0.85 -2.25	60.96 -0.06 -4.35	61.17 0.63 -3.83	64.22 1.75 0.00	58.28 1.81 0.00	54.34 1.37 0.00	46.71 0.87 0.00	41.22 1.43 0.00
MCINTYRE_115KV_TB2 80467	41.18 1.47 0.00	37.02 1.32 0.00	33.45 0.97 0.00	30.70 0.60 0.00	30.15 0.56 0.00	35.49 1.07 0.00	38.87 0.84 0.00	42.78 1.00 0.00	43.96 0.82 0.00	43.82 0.65 0.00	44.40 0.57 0.00	45.55 0.27 0.00	50.53 0.35 0.00	52.96 0.26 0.00	56.07 0.06 0.00	56.02 -0.45 0.00	56.14 -0.40 0.00	55.87 -0.79 0.00	56.03 -0.68 0.00	61.97 -0.50 0.00	56.53 0.06 0.00	53.71 0.74 0.00	46.53 0.69 0.00	40.03 0.24 0.00
MECO_____69_KV_BK1 80468	43.20 3.49 0.00	38.69 3.00 0.00	35.07 2.60 0.00	32.63 2.53 0.00	32.08 2.49 0.00	37.45 3.03 0.00	41.26 3.23 0.00	45.41 3.63 0.00	46.73 3.58 0.00	46.45 3.28 0.00	46.98 3.16 0.00	48.54 3.26 0.00	53.94 3.76 0.00	56.85 4.16 0.00	60.39 4.37 0.00	65.60 4.52 -4.60	75.04 4.52 -13.99	88.53 4.76 -27.11	85.98 5.44 -23.82	68.97 6.50 0.00	62.46 5.99 0.00	58.37 5.40 0.00	50.43 4.58 0.00	43.65 3.86 0.00
MENANDS___115KV_TB5 355628	40.62 0.91 0.00	36.37 0.68 0.00	33.32 0.84 0.00	31.06 0.96 0.00	30.54 0.95 0.00	35.32 0.89 0.00	39.10 1.06 0.00	42.99 1.21 0.00	44.48 1.34 0.00	44.46 1.30 0.00	45.19 1.36 0.00	46.77 1.49 0.00	51.89 1.71 0.00	54.59 1.90 0.00	58.09 2.07 0.00	62.92 2.26 -4.19	71.60 2.32 -12.75	83.82 2.44 -24.72	80.88 2.44 -21.72	65.10 2.62 0.00	58.51 2.03 0.00	54.45 1.48 0.00	47.17 1.33 0.00	41.07 1.27 0.00
MG INDUSTRY___DRP 24185	40.66 0.95 0.00	36.45 0.75 0.00	33.28 0.81 0.00	31.06 0.96 0.00	30.51 0.92 0.00	35.32 0.89 0.00	39.02 0.99 0.00	42.86 1.09 0.00	44.22 1.08 0.00	44.21 1.04 0.00	44.83 1.01 0.00	46.37 1.09 0.00	51.43 1.25 0.00	54.06 1.37 0.00	56.34 0.34 0.02	61.00 0.56 -3.96	68.68 0.62 -11.53	77.39 0.74 -20.00	75.36 0.79 -17.85	63.41 0.94 0.00	57.04 0.56 0.00	53.18 0.21 0.00	46.07 0.23 0.00	40.11 0.32 0.00

MID___OSWEGATCHIE_HYD 23849	40.74 1.03 0.00	36.66 0.96 0.00	33.15 0.68 0.00	30.55 0.45 0.00	29.86 0.27 0.00	35.01 0.59 0.00	38.53 0.49 0.00	42.44 0.67 0.00	43.66 0.52 0.00	43.51 0.35 0.00	44.13 0.31 0.00	45.37 0.09 0.00	50.28 0.10 0.00	52.59 -0.11 0.00	55.91 -0.11 0.00	56.19 -0.40 -0.11	56.51 -0.34 -0.32	56.66 -0.62 -0.62	56.75 -0.51 -0.55	62.16 -0.31 0.00	56.48 0.00 0.00	53.28 0.32 0.00	46.30 0.46 0.00	39.87 0.08 0.00
MID___RAQUETTE_HYD 23851	40.66 0.95 0.00	36.59 0.89 0.00	33.06 0.58 0.00	30.37 0.27 0.00	29.80 0.21 0.00	35.01 0.59 0.00	38.41 0.38 0.00	42.32 0.54 0.00	43.62 0.47 0.00	43.51 0.35 0.00	44.13 0.31 0.00	45.32 0.05 0.00	50.23 0.05 0.00	52.64 -0.05 0.00	55.68 -0.34 0.00	55.69 -0.85 -0.06	55.86 -0.85 -0.18	55.53 -1.47 -0.34	55.54 -1.47 -0.30	60.98 -1.50 0.00	55.52 -0.96 0.00	52.65 -0.32 0.00	45.80 -0.05 0.00	39.52 -0.28 0.00
MILLIKEN___1 23584	40.14 0.44 0.00	36.09 0.39 0.00	32.73 0.26 0.00	30.43 0.33 0.00	29.92 0.33 0.00	34.73 0.31 0.00	38.70 0.57 -0.10	44.29 0.67 -1.85	43.70 0.56 0.00	43.73 0.56 0.00	44.35 0.53 0.00	45.82 0.54 0.00	50.78 0.60 0.00	53.27 0.58 0.00	56.80 0.78 0.00	58.21 0.96 -0.77	59.94 1.07 -2.33	62.60 1.42 -4.52	62.28 1.59 -3.97	64.54 2.06 0.00	58.23 1.75 0.00	54.29 1.32 0.00	46.76 0.92 0.00	40.67 0.88 0.00
MILLIKEN___2 23585	40.14 0.44 0.00	36.09 0.39 0.00	32.73 0.26 0.00	30.43 0.33 0.00	29.92 0.33 0.00	34.73 0.31 0.00	38.70 0.57 -0.10	44.29 0.67 -1.85	43.70 0.56 0.00	43.73 0.56 0.00	44.35 0.53 0.00	45.82 0.54 0.00	50.78 0.60 0.00	53.27 0.58 0.00	56.80 0.78 0.00	58.21 0.96 -0.77	59.94 1.07 -2.33	62.60 1.42 -4.52	62.28 1.59 -3.97	64.54 2.06 0.00	58.23 1.75 0.00	54.29 1.32 0.00	46.76 0.92 0.00	40.67 0.88 0.00
MILLIKEN___DIESEL 23629	40.14 0.44 0.00	36.09 0.39 0.00	32.73 0.26 0.00	30.43 0.33 0.00	29.92 0.33 0.00	34.73 0.31 0.00	38.70 0.57 -0.10	44.29 0.67 -1.85	43.70 0.56 0.00	43.73 0.56 0.00	44.35 0.53 0.00	45.82 0.54 0.00	50.78 0.60 0.00	53.27 0.58 0.00	56.80 0.78 0.00	58.21 0.96 -0.77	59.94 1.07 -2.33	62.60 1.42 -4.52	62.28 1.59 -3.97	64.54 2.06 0.00	58.23 1.75 0.00	54.29 1.32 0.00	46.76 0.92 0.00	40.67 0.88 0.00
MILLSEAT___LFGE 323607	39.03 -0.68 0.00	34.80 -0.89 0.00	31.31 -1.17 0.00	29.23 -0.87 0.00	28.62 -0.98 0.00	33.01 -1.41 0.00	36.08 -1.71 0.24	35.60 -1.67 4.50	40.51 -2.63 0.00	40.66 -2.50 0.00	41.37 -2.45 0.00	42.74 -2.53 0.00	47.27 -2.91 0.00	49.69 -3.00 0.00	52.10 -3.92 0.00	53.70 -3.33 -0.55	55.38 -2.82 -1.67	58.08 -1.82 -3.24	58.03 -1.53 -2.85	61.10 -1.37 0.00	55.63 -0.85 0.00	51.48 -1.48 0.00	44.79 -1.05 0.00	39.52 -0.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.77 2.06 0.00	37.30 1.61 0.00	33.93 1.46 0.00	31.78 1.69 0.00	31.34 1.75 0.00	36.18 1.76 0.00	40.24 2.21 0.00	44.49 2.72 0.00	46.12 2.98 0.00	46.36 3.19 0.00	47.11 3.29 0.00	48.81 3.53 0.00	54.09 3.91 0.00	57.01 4.32 0.00	61.28 5.27 0.00	66.20 6.04 -3.69	73.73 6.11 -11.09	84.16 6.01 -21.50	81.39 5.78 -18.89	68.60 6.12 0.00	61.22 4.74 0.00	56.51 3.55 0.00	48.91 3.07 0.00	42.90 3.10 0.00
MILLWOOD_13_KV_LOAD 356217	41.89 2.18 0.00	37.41 1.71 0.00	34.03 1.56 0.00	31.84 1.75 0.00	31.43 1.83 0.00	36.25 1.82 0.00	40.31 2.28 0.00	44.62 2.84 0.00	46.25 3.11 0.00	46.49 3.32 0.00	47.29 3.46 0.00	49.04 3.76 0.00	54.35 4.16 0.00	57.28 4.58 0.00	61.68 5.66 0.00	66.71 6.55 -3.69	74.29 6.67 -11.09	84.78 6.63 -21.50	81.90 6.30 -18.89	69.10 6.62 0.00	61.56 5.08 0.00	56.78 3.81 0.00	49.10 3.25 0.00	43.02 3.22 0.00
MODEL_CITY_ENERGY 24167	37.76 -1.94 0.00	33.66 -2.03 0.00	30.30 -2.18 0.00	28.38 -1.71 0.00	27.79 -1.81 0.00	31.98 -2.44 0.00	34.91 -2.81 0.31	32.88 -3.09 5.81	38.79 -4.36 0.00	39.07 -4.10 0.00	39.75 -4.07 0.00	41.07 -4.21 0.00	45.41 -4.77 0.00	47.74 -4.96 0.00	49.91 -6.10 0.00	51.47 -5.59 -0.59	53.33 -4.98 -1.77	56.02 -4.08 -3.44	55.88 -3.86 -3.02	58.47 -4.00 0.00	53.26 -3.22 0.00	49.26 -3.71 0.00	43.00 -2.84 0.00	38.12 -1.67 0.00
MODERN_LFGE___ 323580	37.76 -1.94 0.00	33.66 -2.03 0.00	30.30 -2.18 0.00	28.38 -1.71 0.00	27.79 -1.81 0.00	31.98 -2.44 0.00	34.91 -2.81 0.31	32.88 -3.09 5.81	38.79 -4.36 0.00	39.07 -4.10 0.00	39.75 -4.07 0.00	41.07 -4.21 0.00	45.41 -4.77 0.00	47.74 -4.96 0.00	49.91 -6.10 0.00	51.47 -5.59 -0.59	53.33 -4.98 -1.77	56.02 -4.08 -3.44	55.88 -3.86 -3.02	58.47 -4.00 0.00	53.26 -3.22 0.00	49.26 -3.71 0.00	43.00 -2.84 0.00	38.12 -1.67 0.00
MOHAWK_PAPER___DRP 24187	40.90 1.19 0.00	36.59 0.89 0.00	33.48 1.01 0.00	31.21 1.11 0.00	30.66 1.07 0.00	35.49 1.07 0.00	39.29 1.26 0.00	43.24 1.46 0.00	44.70 1.55 0.00	44.68 1.51 0.00	45.40 1.58 0.00	47.00 1.72 0.00	52.14 1.96 0.00	54.85 2.16 0.00	58.37 2.35 0.00	63.27 2.60 -4.20	71.91 2.60 -12.77	84.20 2.78 -24.76	81.31 2.84 -21.76	65.54 3.06 0.00	58.96 2.48 0.00	54.87 1.91 0.00	47.49 1.65 0.00	41.35 1.55 0.00
MOHICAN___35_KV_115KV_LD 80490	41.61 1.91 0.00	37.34 1.64 0.00	33.93 1.46 0.00	31.57 1.47 0.00	31.04 1.45 0.00	36.11 1.69 0.00	39.89 1.86 0.00	43.99 2.21 0.00	45.39 2.24 0.00	45.28 2.12 0.00	45.89 2.06 0.00	47.23 1.95 0.00	52.49 2.31 0.00	55.22 2.53 0.00	58.76 2.74 0.00	63.57 2.82 -4.27	72.43 2.88 -13.02	85.34 3.46 -25.23	82.57 3.69 -22.17	66.79 4.31 0.00	60.26 3.78 0.00	56.30 3.34 0.00	48.59 2.75 0.00	42.26 2.47 0.00
MONGAUP___HYD 23641	41.73 2.02 0.00	37.30 1.61 0.00	33.90 1.43 0.00	31.69 1.59 0.00	31.25 1.66 0.00	36.14 1.72 0.00	40.12 2.09 0.00	44.28 2.51 0.00	45.78 2.63 0.00	45.85 2.68 0.00	46.46 2.63 0.00	48.13 2.85 0.00	53.39 3.21 0.00	56.28 3.58 0.00	59.88 3.86 0.00	63.78 3.78 -3.52	71.14 4.01 -10.59	81.10 3.91 -20.53	78.56 3.80 -18.04	66.72 4.25 0.00	59.81 3.33 0.00	56.14 3.18 0.00	48.87 3.02 0.00	42.66 2.87 0.00
MONTAUK___DIESEL 23721	43.44 3.53 -0.20	38.35 2.64 -0.01	34.58 2.11 0.00	32.52 2.41 -0.01	32.12 2.52 -0.01	36.76 2.34 0.00	41.07 3.04 0.00	45.45 3.68 0.00	47.07 3.93 0.00	47.96 4.79 0.00	47.55 3.73 0.00	49.48 4.21 0.00	55.85 5.67 0.00	61.07 6.64 -1.74	65.10 7.73 -1.35	71.71 8.81 -6.42	78.36 9.27 -12.56	89.81 9.12 -24.03	85.67 8.68 -20.28	72.44 8.93 -1.03	65.61 7.79 -1.34	58.84 5.88 0.00	48.75 4.58 1.67	44.52 4.74 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.84 -1.87 0.00	33.48 -2.21 0.00	29.91 -2.57 0.00	27.78 -2.32 0.00	27.22 -2.37 0.00	31.32 -3.10 0.00	34.16 -3.61 0.25	33.17 -3.80 4.81	38.57 -4.57 0.00	38.85 -4.32 0.00	39.66 -4.16 0.00	41.11 -4.17 0.00	45.61 -4.57 0.00	47.84 -4.85 0.00	50.92 -5.10 0.00	51.94 -5.20 -0.66	53.95 -4.58 -2.00	56.80 -3.74 -3.88	56.77 -3.35 -3.41	59.98 -2.50 0.00	54.73 -1.75 0.00	50.85 -2.12 0.00	44.70 -1.15 0.00	39.36 -0.44 0.00

MORRIS_RIDGE___SOLAR 323848	38.48 -1.23 0.00	34.38 -1.32 0.00	30.75 -1.72 0.00	28.62 -1.47 0.00	28.05 -1.54 0.00	32.36 -2.06 0.00	33.58 -2.36 2.10	-0.28 -2.51 39.55	39.52 -3.62 0.00	39.63 -3.54 0.00	40.15 -3.68 0.00	41.43 -3.85 0.00	45.86 -4.32 0.00	48.32 -4.37 0.00	50.98 -5.04 0.00	52.53 -4.74 -0.80	54.84 -4.12 -2.43	57.92 -3.46 -4.72	57.74 -3.12 -4.14	60.10 -2.37 0.00	54.72 -1.75 0.00	50.79 -2.17 0.00	44.33 -1.51 0.00	38.92 -0.88 0.00
MORTIMER_115KV_TB3 55949	38.99 -0.71 0.00	34.98 -0.71 0.00	31.60 -0.88 0.00	29.38 -0.72 0.00	28.79 -0.80 0.00	33.36 -1.07 0.00	36.78 -1.26 0.00	40.36 -1.42 0.00	41.42 -1.73 0.00	41.57 -1.60 0.00	42.34 -1.49 0.00	43.74 -1.54 0.00	48.42 -1.76 0.00	50.74 -1.95 0.00	54.00 -2.02 0.00	55.31 -1.64 -0.47	56.49 -1.47 -1.43	58.69 -0.74 -2.77	58.53 -0.62 -2.44	61.72 -0.75 0.00	55.97 -0.51 0.00	52.01 -0.95 0.00	45.02 -0.83 0.00	39.52 -0.28 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.01 2.30 0.00	37.48 1.78 0.00	34.13 1.66 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.35 1.93 0.00	40.47 2.43 0.00	44.78 3.01 0.00	46.47 3.32 0.00	46.75 3.58 0.00	47.51 3.68 0.00	49.22 3.94 0.00	54.60 4.42 0.00	57.49 4.79 0.00	61.84 5.83 0.00	66.78 6.61 -3.70	74.33 6.67 -11.13	84.74 6.52 -21.57	81.90 6.24 -18.95	69.03 6.56 0.00	61.62 5.14 0.00	56.83 3.87 0.00	49.28 3.44 0.00	43.22 3.42 0.00
MUNSVILLE_WIND_PWR 323609	42.13 2.42 0.00	37.69 2.00 0.00	34.06 1.59 0.00	31.54 1.44 0.00	31.01 1.42 0.00	36.18 1.75 0.00	40.19 2.09 -0.07	45.65 2.55 -1.33	45.34 2.20 0.00	45.37 2.20 0.00	45.97 2.15 0.00	47.32 2.04 0.00	52.29 2.11 0.00	54.69 2.00 0.00	58.32 2.30 0.00	60.26 2.60 -1.19	63.01 2.88 -3.60	66.98 3.34 -6.98	66.59 3.74 -6.13	67.35 4.88 0.00	60.94 4.46 0.00	56.67 3.71 0.00	48.87 3.02 0.00	42.18 2.39 0.00
N SALMON___HYD 24042	40.70 0.99 0.00	36.59 0.89 0.00	33.12 0.65 0.00	30.43 0.33 0.00	29.86 0.27 0.00	34.94 0.52 0.00	38.26 0.23 0.00	42.19 0.42 0.00	43.58 0.43 0.00	43.43 0.26 0.00	43.91 0.09 0.00	45.14 -0.14 0.00	50.03 -0.15 0.00	52.38 -0.31 0.00	55.57 -0.45 0.00	55.35 -1.13 0.00	55.46 -1.08 0.00	55.30 -1.36 0.00	55.30 -1.42 0.00	61.04 -1.43 0.00	55.46 -1.01 0.00	52.70 -0.26 0.00	45.52 -0.32 0.00	39.36 -0.44 0.00
N.AKRON__115KV_KNAPP 355671	38.91 -0.79 0.00	34.73 -0.96 0.00	31.21 -1.27 0.00	29.17 -0.93 0.00	28.56 -1.04 0.00	32.91 -1.51 0.00	35.99 -1.79 0.26	35.07 -1.84 4.87	40.34 -2.80 0.00	40.54 -2.63 0.00	41.24 -2.59 0.00	42.56 -2.72 0.00	47.12 -3.06 0.00	49.32 -3.37 0.00	52.49 -3.53 0.00	53.65 -3.39 -0.56	55.17 -3.05 -1.70	57.90 -2.04 -3.29	57.84 -1.76 -2.89	60.85 -1.62 0.00	55.35 -1.13 0.00	51.27 -1.69 0.00	44.65 -1.19 0.00	39.40 -0.40 0.00
N.E_GEN_SANDY PD 24062	41.30 1.59 0.00	36.87 1.18 0.00	33.77 1.30 0.00	32.50 1.44 -0.96	33.10 1.45 -2.06	35.80 1.38 0.00	39.70 1.67 0.00	43.78 2.01 0.00	45.34 2.20 0.00	45.37 2.20 0.00	46.06 2.23 0.00	47.68 2.40 0.00	52.84 2.66 0.00	55.54 2.84 0.00	59.27 3.25 0.00	64.00 3.73 -3.80	72.48 3.96 -11.99	84.04 4.13 -23.25	84.08 4.14 -23.23	69.30 4.50 -2.32	67.00 3.56 -6.96	58.44 2.70 -2.78	48.55 2.38 -0.33	41.50 2.27 0.56
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.73 2.03 0.00	37.27 1.57 0.00	33.93 1.46 0.00	31.75 1.66 0.00	31.34 1.75 0.00	36.14 1.72 0.00	40.24 2.21 0.00	44.45 2.67 0.00	46.08 2.93 0.00	46.32 3.15 0.00	46.98 3.16 0.00	48.72 3.44 0.00	53.99 3.81 0.00	56.91 4.22 0.00	61.17 5.15 0.00	65.93 5.82 -3.63	73.34 5.88 -10.93	83.57 5.72 -21.19	80.83 5.50 -18.62	68.35 5.87 0.00	61.11 4.63 0.00	56.41 3.44 0.00	48.82 2.98 0.00	42.82 3.02 0.00
N.QUEENS_27_KV_LOAD 356247	42.30 2.58 -0.01	37.77 2.07 -0.01	34.40 1.92 -0.01	32.15 2.05 -0.01	31.73 2.13 -0.01	36.60 2.17 -0.01	40.69 2.66 0.00	45.08 3.30 0.00	46.38 3.24 0.00	46.75 3.58 0.00	47.90 4.08 0.00	49.63 4.35 0.00	55.10 4.92 0.00	57.70 5.01 0.00	62.35 6.33 0.00	67.30 7.12 -3.71	74.79 7.12 -11.13	85.20 6.97 -21.58	82.14 6.47 -18.96	69.29 6.81 -0.01	61.84 5.37 0.00	57.05 4.08 -0.01	49.65 3.80 -0.01	43.66 3.86 -0.01
N.TROY___115KV_TB1 355778	41.18 1.47 0.00	36.84 1.14 0.00	33.67 1.20 0.00	31.39 1.29 0.00	30.86 1.27 0.00	35.73 1.31 0.00	39.55 1.52 0.00	43.57 1.80 0.00	45.04 1.90 0.00	44.98 1.81 0.00	45.67 1.84 0.00	47.23 1.95 0.00	52.39 2.21 0.00	55.06 2.37 0.00	58.71 2.69 0.00	63.62 2.94 -4.21	72.36 3.00 -12.83	84.82 3.29 -24.87	81.97 3.40 -21.85	66.16 3.69 0.00	59.53 3.05 0.00	55.40 2.44 0.00	47.95 2.11 0.00	41.78 1.99 0.00
NARROWS_GT1_1 24228	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
NARROWS_GT1_2 24229	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
NARROWS_GT1_3 24230	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
NARROWS_GT1_4 24231	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
NARROWS_GT1_5 24232	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01

NARROWS_GT1_6 24233	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
NARROWS_GT1_7 24234	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
NARROWS_GT1_8 24235	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
NARROWS_GT2_1 24236	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
NARROWS_GT2_2 24237	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
NARROWS_GT2_3 24238	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
NARROWS_GT2_4 24239	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
NARROWS_GT2_5 24240	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
NARROWS_GT2_6 24241	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
NARROWS_GT2_7 24242	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
NARROWS_GT2_8 24243	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.08 6.05 -0.01	67.30 7.06 -3.76	74.69 7.01 -11.15	85.02 6.80 -21.57	82.07 6.41 -18.95	69.16 6.69 0.00	61.78 5.31 0.00	56.99 4.02 0.00	49.60 3.76 0.00	43.78 3.98 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.22 1.51 0.00	36.91 1.21 0.00	33.67 1.20 0.00	31.39 1.29 0.00	30.83 1.24 0.00	35.80 1.38 0.00	39.55 1.52 0.00	43.45 1.67 0.00	44.87 1.73 0.00	44.64 1.47 0.00	45.19 1.36 0.00	46.82 1.54 0.00	51.99 1.81 0.00	54.75 2.05 0.00	57.96 1.96 0.02	62.40 2.09 -3.83	69.90 2.37 -10.99	77.47 2.49 -18.32	75.83 2.67 -16.45	65.29 2.81 0.00	58.85 2.37 0.00	54.87 1.91 0.00	47.40 1.56 0.00	41.15 1.35 0.00
NCHELSEA_115KV_TR2 355582	41.89 2.18 0.00	37.41 1.71 0.00	34.03 1.56 0.00	31.84 1.75 0.00	31.40 1.81 0.00	36.28 1.86 0.00	40.31 2.28 0.00	44.53 2.76 0.00	46.21 3.06 0.00	46.36 3.19 0.00	47.07 3.24 0.00	48.81 3.53 0.00	54.14 3.96 0.00	57.07 4.37 0.00	61.28 5.27 0.00	66.10 5.93 -3.70	73.78 6.11 -11.14	84.21 5.95 -21.60	81.42 5.73 -18.98	68.66 6.18 0.00	61.39 4.91 0.00	56.72 3.76 0.00	49.05 3.21 0.00	42.86 3.06 0.00
NEG CAPITAL___MECHNVIL 23645	41.69 1.98 0.00	37.34 1.64 0.00	34.03 1.56 0.00	31.69 1.59 0.00	31.13 1.54 0.00	36.14 1.72 0.00	39.97 1.94 0.00	44.03 2.25 0.00	45.47 2.33 0.00	45.41 2.24 0.00	46.10 2.28 0.00	47.63 2.35 0.00	52.89 2.71 0.00	55.64 2.95 0.00	59.15 3.14 0.00	64.17 3.45 -4.25	72.99 3.51 -12.95	85.57 3.80 -25.11	82.80 4.03 -22.06	66.98 4.50 0.00	60.32 3.84 0.00	56.25 3.28 0.00	48.55 2.70 0.00	42.26 2.47 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.36 -1.35 0.00	34.45 -1.25 0.00	31.14 -1.33 0.00	28.96 -1.14 0.00	28.38 -1.21 0.00	32.91 -1.51 0.00	36.40 -1.63 0.00	39.98 -1.80 0.00	41.12 -2.03 0.00	41.27 -1.90 0.00	41.99 -1.84 0.00	43.38 -1.90 0.00	48.07 -2.11 0.00	50.48 -2.21 0.00	53.28 -2.74 0.00	54.79 -2.15 -0.46	55.99 -1.92 -1.38	57.98 -1.36 -2.68	57.77 -1.30 -2.36	60.97 -1.50 0.00	55.23 -1.24 0.00	51.38 -1.59 0.00	44.37 -1.47 0.00	38.88 -0.91 0.00



NEG CENTRAL___DRP 24199	39.55 -0.16 0.00	35.52 -0.18 0.00	32.18 -0.29 0.00	29.92 -0.18 0.00	29.38 -0.21 0.00	34.11 -0.31 0.00	38.04 -0.11 -0.12	44.03 -0.08 -2.33	43.06 -0.09 0.00	43.13 -0.04 0.00	43.78 -0.04 0.00	45.28 0.00 0.00	50.08 -0.10 0.00	52.53 -0.16 0.00	56.02 0.00 0.00	57.14 0.17 -0.50	58.38 0.34 -1.51	60.33 0.74 -2.93	60.20 0.91 -2.57	63.72 1.25 0.00	57.55 1.07 0.00	53.65 0.69 0.00	46.21 0.37 0.00	40.27 0.48 0.00
NEG CENTRAL___INDECK 23768	40.10 0.40 0.00	35.84 0.14 0.00	32.21 -0.26 0.00	29.92 -0.18 0.00	29.32 -0.27 0.00	33.97 -0.45 0.00	38.86 -0.50 -1.32	64.91 -1.84 -24.97	41.81 -1.34 0.00	41.70 -1.47 0.00	42.25 -1.58 0.00	43.60 -1.67 0.00	48.12 -2.06 0.00	50.48 -2.21 0.00	53.33 -2.69 0.00	55.17 -1.92 -0.61	56.98 -1.41 -1.86	59.81 -0.46 -3.60	59.94 0.06 -3.17	63.41 0.94 0.00	57.72 1.24 0.00	53.81 0.84 0.00	46.16 0.32 0.00	41.86 2.07 0.00
NEG CENTRAL___SENECA 23627	39.67 -0.04 0.00	35.52 -0.18 0.00	32.12 -0.36 0.00	29.89 -0.21 0.00	29.35 -0.24 0.00	34.04 -0.38 0.00	38.04 -0.19 -0.20	45.46 -0.04 -3.73	43.10 -0.04 0.00	43.17 0.00 0.00	43.83 0.00 0.00	45.28 0.00 0.00	50.08 -0.10 0.00	52.53 -0.16 0.00	56.02 0.00 0.00	57.19 0.17 -0.55	58.59 0.40 -1.67	60.79 0.91 -3.23	60.68 1.13 -2.84	64.10 1.62 0.00	57.94 1.47 0.00	53.92 0.95 0.00	46.44 0.60 0.00	40.51 0.72 0.00
NEG CENTRAL___STATE_STREET 24147	39.59 -0.12 0.00	35.62 -0.07 0.00	32.34 -0.13 0.00	30.07 -0.03 0.00	29.53 -0.06 0.00	34.32 -0.10 0.00	38.11 0.08 0.00	41.86 0.08 0.00	43.19 0.04 0.00	43.30 0.13 0.00	43.96 0.13 0.00	45.46 0.18 0.00	50.33 0.15 0.00	52.80 0.11 0.00	56.30 0.28 0.00	57.42 0.45 -0.49	58.58 0.57 -1.49	60.33 0.79 -2.88	60.15 0.91 -2.53	63.66 1.19 0.00	57.49 1.02 0.00	53.60 0.64 0.00	46.16 0.32 0.00	40.15 0.36 0.00
NEG MILLWOOD___DRP 24198	42.05 2.34 0.00	37.55 1.86 0.00	34.13 1.66 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.42 2.00 0.00	40.47 2.43 0.00	44.74 2.97 0.00	46.38 3.24 0.00	46.58 3.41 0.00	47.46 3.64 0.00	49.22 3.94 0.00	54.70 4.52 0.00	57.65 4.95 0.00	62.12 6.11 0.00	67.37 7.17 -3.72	75.19 7.46 -11.20	85.84 7.48 -21.70	82.87 7.09 -19.07	69.85 7.37 0.00	62.07 5.59 0.00	57.20 4.24 0.00	49.37 3.53 0.00	43.18 3.38 0.00
NEG NORTH_FLCN_SEA 23793	40.66 0.95 0.00	36.52 0.82 0.00	33.12 0.65 0.00	30.43 0.33 0.00	29.86 0.27 0.00	34.84 0.41 0.00	38.18 0.15 0.00	42.07 0.29 0.00	43.45 0.30 0.00	43.30 0.13 0.00	43.74 -0.09 0.00	44.96 -0.32 0.00	49.78 -0.40 0.00	52.11 -0.58 0.00	55.01 -1.01 0.00	54.95 -1.52 0.00	55.06 -1.47 0.00	55.13 -1.53 0.00	55.13 -1.59 0.00	60.73 -1.75 0.00	55.18 -1.30 0.00	52.38 -0.58 0.00	45.29 -0.55 0.00	39.20 -0.60 0.00
NEG NORTH_KES_CHATEGAY 23792	40.26 0.56 0.00	36.16 0.46 0.00	32.80 0.32 0.00	30.13 0.03 0.00	29.56 -0.03 0.00	34.53 0.10 0.00	37.84 -0.19 0.00	41.61 -0.17 0.00	42.97 -0.17 0.00	42.82 -0.35 0.00	43.26 -0.57 0.00	44.46 -0.82 0.00	49.23 -0.95 0.00	51.53 -1.16 0.00	54.39 -1.62 0.00	54.44 -2.03 0.00	54.55 -1.98 0.00	54.56 -2.10 0.00	54.56 -2.16 0.00	60.10 -2.37 0.00	54.61 -1.86 0.00	51.91 -1.06 0.00	44.92 -0.92 0.00	38.84 -0.96 0.00
NEG NORTH___ALICE_FALLS 23915	40.74 1.03 0.00	36.59 0.89 0.00	33.19 0.71 0.00	30.49 0.39 0.00	29.92 0.33 0.00	34.90 0.48 0.00	38.22 0.19 0.00	42.11 0.33 0.00	43.49 0.35 0.00	43.39 0.22 0.00	43.78 -0.04 0.00	45.05 -0.23 0.00	49.88 -0.30 0.00	52.17 -0.53 0.00	55.07 -0.95 0.00	55.06 -1.41 0.00	55.23 -1.30 0.00	55.24 -1.42 0.00	55.24 -1.47 0.00	60.91 -1.56 0.00	55.35 -1.13 0.00	52.54 -0.42 0.00	45.38 -0.46 0.00	39.28 -0.52 0.00
NEG NORTH___LWR_SARANAC 23913	40.74 1.03 0.00	36.59 0.89 0.00	33.19 0.71 0.00	30.49 0.39 0.00	29.92 0.33 0.00	34.90 0.48 0.00	38.22 0.19 0.00	42.11 0.33 0.00	43.49 0.35 0.00	43.39 0.22 0.00	43.78 -0.04 0.00	45.05 -0.23 0.00	49.88 -0.30 0.00	52.17 -0.53 0.00	55.07 -0.95 0.00	55.06 -1.41 0.00	55.23 -1.30 0.00	55.24 -1.42 0.00	55.24 -1.47 0.00	60.91 -1.56 0.00	55.35 -1.13 0.00	52.54 -0.42 0.00	45.38 -0.46 0.00	39.28 -0.52 0.00
NEG NORTH___PLATTSBURG 23628	40.74 1.03 0.00	36.59 0.89 0.00	33.19 0.71 0.00	30.49 0.39 0.00	29.92 0.33 0.00	34.90 0.48 0.00	38.22 0.19 0.00	42.11 0.33 0.00	43.49 0.34 0.00	43.39 0.22 0.00	43.78 -0.04 0.00	45.05 -0.23 0.00	49.88 -0.30 0.00	52.17 -0.53 0.00	55.29 -0.73 0.00	55.12 -1.36 0.00	55.23 -1.30 0.00	55.24 -1.41 0.00	55.24 -1.47 0.00	60.92 -1.56 0.00	55.35 -1.13 0.00	52.54 -0.43 0.00	45.38 -0.46 0.00	39.28 -0.52 0.00
NEG WEST_LEA_LOCKPORT 23791	38.04 -1.67 0.00	33.95 -1.75 0.00	30.52 -1.95 0.00	28.53 -1.57 0.00	27.93 -1.66 0.00	32.15 -2.27 0.00	35.04 -2.66 0.33	32.53 -2.97 6.28	39.09 -4.06 0.00	39.37 -3.80 0.00	40.06 -3.77 0.00	41.34 -3.94 0.00	45.76 -4.42 0.00	47.95 -4.74 0.00	50.98 -5.04 0.00	52.03 -5.03 -0.58	53.71 -4.58 -1.76	56.45 -3.63 -3.42	56.31 -3.40 -3.00	59.04 -3.44 0.00	53.71 -2.77 0.00	49.73 -3.23 0.00	43.46 -2.38 0.00	38.48 -1.31 0.00
NEG WEST___LANCASTR 23811	37.76 -1.95 0.00	33.77 -1.93 0.00	30.36 -2.11 0.00	28.35 -1.75 0.00	27.82 -1.78 0.00	32.01 -2.41 0.00	34.99 -2.74 0.30	33.40 -2.72 5.66	39.65 -3.49 0.00	39.93 -3.24 0.00	40.63 -3.20 0.00	41.93 -3.35 0.00	46.42 -3.76 0.00	48.58 -4.11 0.00	51.71 -4.31 0.00	51.79 -5.37 -0.67	53.60 -4.97 -2.04	56.37 -4.25 -3.96	56.23 -3.97 -3.48	59.85 -2.62 0.00	54.39 -2.09 0.00	50.42 -2.54 0.00	44.05 -1.79 0.00	38.60 -1.19 0.00
NEG_PENN_ALLEGHNY 23528	39.75 0.04 0.00	35.62 -0.07 0.00	32.34 -0.13 0.00	30.13 0.03 0.00	29.62 0.03 0.00	34.32 -0.10 0.00	38.11 0.08 0.00	42.07 0.29 0.00	43.23 0.09 0.00	43.39 0.22 0.00	44.05 0.22 0.00	45.55 0.27 0.00	50.43 0.25 0.00	52.96 0.26 0.00	56.19 0.17 0.00	58.15 0.45 -1.23	60.88 0.62 -3.73	64.67 0.79 -7.22	63.96 0.90 -6.35	63.85 1.37 0.00	57.60 1.13 0.00	53.60 0.64 0.00	46.30 0.46 0.00	40.35 0.56 0.00
NEG___GEN_MONROE 24207	39.31 -0.40 0.00	35.27 -0.43 0.00	31.79 -0.68 0.00	29.53 -0.57 0.00	28.94 -0.65 0.00	33.49 -0.93 0.00	36.93 -1.10 0.00	40.52 -1.25 0.00	41.42 -1.73 0.00	41.53 -1.64 0.00	42.29 -1.53 0.00	43.69 -1.58 0.00	48.32 -1.86 0.00	50.64 -2.05 0.00	53.89 -2.13 0.00	55.14 -1.81 -0.48	56.33 -1.64 -1.44	58.61 -0.85 -2.80	58.60 -0.57 -2.46	61.91 -0.56 0.00	56.25 -0.23 0.00	52.28 -0.69 0.00	45.25 -0.60 0.00	39.79 0.00 0.00
NEPA___ENERGY 23901	37.92 -1.79 0.00	33.95 -1.75 0.00	30.65 -1.82 0.00	28.62 -1.47 0.00	28.17 -1.42 0.00	32.39 -2.03 0.00	35.78 -2.13 0.12	37.41 -2.05 2.32	40.43 -2.72 0.00	40.62 -2.55 0.00	41.33 -2.50 0.00	42.70 -2.58 0.00	47.22 -2.96 0.00	49.48 -3.21 0.00	52.60 -3.42 0.00	53.55 -3.73 -0.81	55.53 -3.45 -2.44	58.56 -2.83 -4.73	58.26 -2.61 -4.16	60.60 -1.87 0.00	54.95 -1.52 0.00	51.00 -1.96 0.00	44.37 -1.47 0.00	38.80 -0.99 0.00

NEVERSINK___HYD 23608	41.89 2.18 0.00	37.41 1.71 0.00	33.97 1.49 0.00	31.75 1.65 0.00	31.28 1.69 0.00	36.25 1.82 0.00	40.20 2.17 0.00	44.49 2.71 0.00	46.08 2.94 0.00	46.19 3.02 0.00	46.89 3.07 0.00	48.63 3.35 0.00	53.89 3.71 0.00	56.75 4.06 0.00	60.89 4.87 0.00	65.63 5.65 -3.51	72.88 5.82 -10.53	82.54 5.72 -20.16	79.95 5.50 -17.74	68.60 6.13 0.00	61.50 5.02 0.00	56.83 3.86 0.00	49.19 3.34 0.00	42.86 3.06 0.00
NEWKRMKL_115KV_TB1 55635	40.42 0.71 0.00	36.20 0.50 0.00	33.15 0.68 0.00	30.91 0.81 0.00	30.39 0.80 0.00	35.18 0.76 0.00	38.91 0.87 0.00	42.78 1.00 0.00	44.27 1.12 0.00	44.25 1.08 0.00	44.92 1.10 0.00	46.55 1.27 0.00	51.64 1.46 0.00	54.33 1.63 0.00	57.76 1.74 0.00	62.64 1.98 -4.19	71.26 1.98 -12.75	83.42 2.04 -24.72	80.48 2.04 -21.72	64.66 2.19 0.00	58.17 1.69 0.00	54.13 1.17 0.00	46.85 1.01 0.00	40.79 0.99 0.00
NEWTON___FALLS_HYD 23847	40.74 1.03 0.00	36.66 0.96 0.00	33.15 0.68 0.00	30.55 0.45 0.00	29.86 0.27 0.00	35.01 0.59 0.00	38.53 0.49 0.00	42.44 0.67 0.00	43.66 0.52 0.00	43.51 0.35 0.00	44.13 0.31 0.00	45.37 0.09 0.00	50.28 0.10 0.00	52.59 -0.11 0.00	55.91 -0.11 0.00	56.19 -0.40 -0.11	56.51 -0.34 -0.32	56.66 -0.62 -0.62	56.75 -0.51 -0.55	62.16 -0.31 0.00	56.48 0.00 0.00	53.28 0.32 0.00	46.30 0.46 0.00	39.87 0.08 0.00
NGRID_A1_DSASP 323792	37.13 -2.58 0.00	33.41 -2.29 0.00	30.07 -2.40 0.00	27.93 -2.17 0.00	27.34 -2.25 0.00	31.46 -2.96 0.00	34.23 -3.50 0.31	32.64 -3.34 5.79	38.27 -4.88 0.00	38.59 -4.58 0.00	39.27 -4.56 0.00	40.52 -4.75 0.00	44.86 -5.32 0.00	47.16 -5.53 0.00	49.24 -6.78 0.00	50.85 -6.21 -0.59	52.66 -5.65 -1.78	55.36 -4.76 -3.46	55.16 -4.59 -3.04	57.60 -4.87 0.00	52.47 -4.01 0.00	48.52 -4.45 0.00	42.36 -3.49 0.00	37.61 -2.19 0.00
NGRID_A2_DSASP 323793	37.13 -2.58 0.00	33.41 -2.29 0.00	30.07 -2.40 0.00	27.93 -2.17 0.00	27.34 -2.25 0.00	31.46 -2.96 0.00	34.23 -3.50 0.31	32.64 -3.34 5.79	38.27 -4.88 0.00	38.59 -4.58 0.00	39.27 -4.56 0.00	40.52 -4.75 0.00	44.86 -5.32 0.00	47.16 -5.53 0.00	49.24 -6.78 0.00	50.85 -6.21 -0.59	52.66 -5.65 -1.78	55.36 -4.76 -3.46	55.16 -4.59 -3.04	57.60 -4.87 0.00	52.47 -4.01 0.00	48.52 -4.45 0.00	42.36 -3.49 0.00	37.61 -2.19 0.00
NGRID_A4_DSASP 323807	37.13 -2.58 0.00	33.41 -2.29 0.00	30.07 -2.40 0.00	27.93 -2.17 0.00	27.34 -2.25 0.00	31.46 -2.96 0.00	34.23 -3.50 0.31	32.64 -3.34 5.79	38.27 -4.88 0.00	38.59 -4.58 0.00	39.27 -4.56 0.00	40.52 -4.75 0.00	44.86 -5.32 0.00	47.16 -5.53 0.00	49.24 -6.78 0.00	50.85 -6.21 -0.59	52.66 -5.65 -1.78	55.36 -4.76 -3.46	55.16 -4.59 -3.04	57.60 -4.87 0.00	52.47 -4.01 0.00	48.52 -4.45 0.00	42.36 -3.49 0.00	37.61 -2.19 0.00
NIAGARA_115E_LBMP 323715	37.60 -2.11 0.00	33.52 -2.18 0.00	30.17 -2.30 0.00	28.29 -1.81 0.00	27.70 -1.89 0.00	31.84 -2.58 0.00	34.79 -2.93 0.31	32.64 -3.26 5.88	38.57 -4.57 0.00	38.85 -4.32 0.00	39.58 -4.25 0.00	40.84 -4.44 0.00	45.16 -5.02 0.00	47.47 -5.22 0.00	49.63 -6.39 0.00	51.19 -5.87 -0.59	53.06 -5.26 -1.79	55.76 -4.36 -3.46	55.62 -4.14 -3.04	58.16 -4.31 0.00	52.92 -3.56 0.00	48.94 -4.03 0.00	42.77 -3.07 0.00	37.92 -1.87 0.00
NIAGARA_115W_LBMP 323714	37.01 -2.70 0.00	33.34 -2.36 0.00	30.00 -2.47 0.00	27.84 -2.26 0.00	27.25 -2.34 0.00	31.39 -3.03 0.00	34.11 -3.61 0.31	32.63 -3.38 5.76	38.18 -4.96 0.00	38.47 -4.70 0.00	39.18 -4.65 0.00	40.43 -4.84 0.00	44.76 -5.42 0.00	47.05 -5.64 0.00	49.13 -6.89 0.00	50.68 -6.38 -0.59	52.49 -5.82 -1.78	55.18 -4.93 -3.45	55.04 -4.71 -3.03	57.47 -5.00 0.00	52.30 -4.18 0.00	48.36 -4.61 0.00	42.27 -3.58 0.00	37.53 -2.27 0.00
NIAGARA_230_LBMP 323716	37.60 -2.11 0.00	33.66 -2.03 0.00	30.33 -2.14 0.00	28.26 -1.84 0.00	27.70 -1.89 0.00	31.91 -2.51 0.00	34.73 -3.01 0.29	32.89 -3.38 5.50	38.92 -4.23 0.00	39.20 -3.97 0.00	39.88 -3.94 0.00	41.20 -4.08 0.00	45.56 -4.62 0.00	47.90 -4.79 0.00	50.08 -5.94 0.00	51.63 -5.42 -0.58	53.48 -4.81 -1.76	56.16 -3.91 -3.41	55.96 -3.74 -3.00	58.54 -3.93 0.00	53.26 -3.22 0.00	49.26 -3.71 0.00	43.00 -2.84 0.00	38.08 -1.71 0.00
NIAGARA___115KV_198_GIBSON 55903	37.01 -2.70 0.00	33.34 -2.36 0.00	30.00 -2.47 0.00	27.84 -2.26 0.00	27.25 -2.34 0.00	31.39 -3.03 0.00	34.11 -3.61 0.31	32.63 -3.38 5.76	38.18 -4.96 0.00	38.46 -4.71 0.00	39.18 -4.65 0.00	40.43 -4.84 0.00	44.71 -5.47 0.00	46.84 -5.85 0.00	49.74 -6.27 0.00	50.85 -6.21 -0.59	52.49 -5.82 -1.78	55.18 -4.93 -3.45	55.04 -4.71 -3.03	57.48 -5.00 0.00	52.30 -4.18 0.00	48.41 -4.55 0.00	42.31 -3.53 0.00	37.53 -2.27 0.00
NIAGARA____ 23760	37.60 -2.11 0.00	33.66 -2.03 0.00	30.33 -2.14 0.00	28.26 -1.84 0.00	27.70 -1.89 0.00	31.91 -2.51 0.00	34.72 -3.01 0.30	32.89 -3.38 5.50	38.92 -4.23 0.00	39.20 -3.97 0.00	39.88 -3.94 0.00	41.20 -4.08 0.00	45.56 -4.62 0.00	47.90 -4.79 0.00	50.08 -5.94 0.00	51.64 -5.42 -0.58	53.50 -4.81 -1.77	56.18 -3.91 -3.43	55.99 -3.74 -3.02	58.54 -3.93 0.00	53.26 -3.22 0.00	49.26 -3.71 0.00	43.00 -2.84 0.00	38.08 -1.71 0.00
NINE_MILE_1 23575	38.40 -1.31 0.00	34.70 -1.00 0.00	31.53 -0.94 0.00	29.29 -0.81 0.00	28.79 -0.80 0.00	33.42 -1.00 0.00	36.97 -1.06 0.00	40.44 -1.34 0.00	41.72 -1.42 0.00	41.75 -1.42 0.00	42.42 -1.40 0.00	43.83 -1.45 0.00	48.57 -1.61 0.00	51.00 -1.69 0.00	54.17 -1.85 0.00	55.08 -1.64 -0.25	55.69 -1.58 -0.74	56.63 -1.47 -1.44	56.56 -1.42 -1.27	60.92 -1.56 0.00	55.01 -1.47 0.00	51.43 -1.54 0.00	44.47 -1.37 0.00	38.68 -1.11 0.00
NINE_MILE_2 23744	38.44 -1.27 0.00	34.70 -1.00 0.00	31.53 -0.94 0.00	29.29 -0.81 0.00	28.79 -0.80 0.00	33.42 -1.00 0.00	36.97 -1.06 0.00	40.44 -1.34 0.00	41.72 -1.42 0.00	41.75 -1.42 0.00	42.42 -1.40 0.00	43.83 -1.45 0.00	48.57 -1.61 0.00	51.00 -1.69 0.00	54.17 -1.85 0.00	55.08 -1.64 -0.24	55.69 -1.58 -0.74	56.62 -1.47 -1.44	56.56 -1.42 -1.26	60.92 -1.56 0.00	55.01 -1.47 0.00	51.43 -1.54 0.00	44.47 -1.37 0.00	38.68 -1.11 0.00
NM_CAPITAL___DRP 24208	40.54 0.83 0.00	36.30 0.61 0.00	33.25 0.78 0.00	31.00 0.90 0.00	30.48 0.89 0.00	35.25 0.83 0.00	39.02 0.99 0.00	42.90 1.13 0.00	44.40 1.25 0.00	44.38 1.21 0.00	45.05 1.23 0.00	46.68 1.40 0.00	51.79 1.61 0.00	54.43 1.74 0.00	57.92 1.90 0.00	62.80 2.15 -4.18	71.41 2.15 -12.73	83.60 2.27 -24.67	80.66 2.27 -21.68	64.91 2.44 0.00	58.34 1.86 0.00	54.34 1.38 0.00	47.03 1.19 0.00	40.95 1.15 0.00
NM_CENTRAL___DRP 24181	39.19 -0.52 0.00	35.34 -0.36 0.00	32.08 -0.39 0.00	29.83 -0.27 0.00	29.33 -0.27 0.00	34.04 -0.38 0.00	37.76 -0.27 0.00	41.40 -0.38 0.00	42.71 -0.43 0.00	42.82 -0.35 0.00	43.52 -0.31 0.00	44.96 -0.32 0.00	49.83 -0.35 0.00	52.32 -0.37 0.00	55.74 -0.28 0.00	56.65 -0.17 -0.35	57.47 -0.11 -1.05	58.75 0.06 -2.04	58.56 0.06 -1.79	62.60 0.12 0.00	56.48 0.00 0.00	52.70 -0.26 0.00	45.52 -0.32 0.00	39.60 -0.20 0.00

NM_FRONTIER___DRP 24179	37.01 -2.70 0.00	33.34 -2.36 0.00	30.00 -2.47 0.00	27.84 -2.26 0.00	27.25 -2.34 0.00	31.39 -3.03 0.00	34.11 -3.61 0.31	32.63 -3.38 5.76	38.18 -4.96 0.00	38.46 -4.71 0.00	39.18 -4.65 0.00	40.43 -4.84 0.00	44.71 -5.47 0.00	46.84 -5.85 0.00	49.74 -6.27 0.00	50.85 -6.21 -0.59	52.49 -5.82 -1.78	55.18 -4.93 -3.45	55.04 -4.71 -3.03	57.48 -5.00 0.00	52.30 -4.18 0.00	48.41 -4.55 0.00	42.31 -3.53 0.00	37.53 -2.27 0.00
NM_ST_REGIS___HYD 24053	40.70 0.99 0.00	36.62 0.93 0.00	33.12 0.65 0.00	30.40 0.30 0.00	29.83 0.24 0.00	35.01 0.59 0.00	38.37 0.34 0.00	42.32 0.54 0.00	43.62 0.47 0.00	43.51 0.35 0.00	44.09 0.26 0.00	45.28 0.00 0.00	50.23 0.05 0.00	52.59 -0.11 0.00	55.63 -0.39 0.00	55.57 -0.96 -0.05	55.79 -0.90 -0.16	55.50 -1.47 -0.31	55.52 -1.47 -0.28	60.98 -1.50 0.00	55.52 -0.96 0.00	52.70 -0.26 0.00	45.75 -0.09 0.00	39.48 -0.32 0.00
NORTHPORT___1 23551	42.41 2.50 -0.20	37.67 1.96 -0.01	34.29 1.82 0.00	32.28 2.17 -0.01	31.85 2.25 -0.01	36.49 2.07 0.00	40.77 2.74 0.00	45.04 3.26 0.00	46.38 3.24 0.00	46.97 3.80 0.00	46.15 2.32 0.00	45.34 2.49 2.43	47.65 3.51 6.05	51.04 4.00 5.66	51.76 5.26 9.53	55.72 5.82 6.58	65.98 5.88 -3.57	79.72 5.67 -17.39	82.41 5.62 -20.08	69.28 5.94 -0.87	62.46 4.86 -1.13	56.24 3.28 0.01	46.79 3.02 2.08	43.61 3.82 0.00
NORTHPORT___2 23552	42.41 2.50 -0.20	37.67 1.96 -0.01	34.29 1.82 0.00	32.28 2.17 -0.01	31.85 2.25 -0.01	36.49 2.07 0.00	40.77 2.74 0.00	45.04 3.26 0.00	46.38 3.24 0.00	46.97 3.80 0.00	46.15 2.32 0.00	45.34 2.49 2.43	47.65 3.51 6.05	51.04 4.00 5.66	51.76 5.26 9.53	55.72 5.82 6.58	65.98 5.88 -3.57	79.72 5.67 -17.39	82.41 5.62 -20.08	69.28 5.94 -0.87	62.46 4.86 -1.13	56.24 3.28 0.01	46.79 3.02 2.08	43.61 3.82 0.00
NORTHPORT___3 23553	41.89 1.98 -0.20	37.27 1.57 -0.01	33.87 1.40 0.00	31.82 1.71 -0.01	31.41 1.81 -0.01	36.08 1.65 0.00	40.31 2.28 0.00	44.57 2.80 0.00	45.82 2.68 0.00	46.28 3.11 0.00	45.88 2.06 0.01	45.29 2.44 2.44	47.54 3.41 6.05	50.98 4.00 5.71	51.77 5.32 9.57	55.63 5.82 6.66	65.98 5.93 -3.52	79.70 5.72 -17.32	82.31 5.56 -20.03	69.12 5.81 -0.83	62.13 4.57 -1.08	56.02 3.07 0.01	46.60 2.89 2.13	43.09 3.30 0.01
NORTHPORT___4 23650	41.89 1.98 -0.20	37.27 1.57 -0.01	33.87 1.40 0.00	31.82 1.71 -0.01	31.41 1.81 -0.01	36.08 1.65 0.00	40.31 2.28 0.00	44.57 2.80 0.00	45.82 2.68 0.00	46.28 3.11 0.00	45.88 2.06 0.01	45.29 2.44 2.44	47.54 3.41 6.05	50.98 4.00 5.71	51.77 5.32 9.57	55.63 5.82 6.66	65.98 5.93 -3.52	79.70 5.72 -17.32	82.31 5.56 -20.03	69.12 5.81 -0.83	62.13 4.57 -1.08	56.02 3.07 0.01	46.60 2.89 2.13	43.09 3.30 0.01
NORTHPORT___IC 23718	42.41 2.50 -0.20	37.70 2.00 -0.01	34.29 1.82 0.00	32.27 2.17 -0.01	31.85 2.25 -0.01	36.49 2.07 0.00	40.77 2.74 0.00	45.03 3.26 0.00	46.29 3.15 0.00	46.75 3.58 0.00	46.19 2.37 0.00	45.34 2.49 2.43	47.65 3.51 6.05	51.25 4.22 5.66	51.48 4.99 9.53	55.55 5.65 6.58	65.98 5.88 -3.57	79.83 5.78 -17.39	82.35 5.56 -20.08	69.34 6.00 -0.87	62.46 4.86 -1.13	56.45 3.50 0.01	46.79 3.03 2.08	43.45 3.66 0.01
NORTH___COUNTRY_ESR 323785	40.15 0.44 0.00	36.09 0.39 0.00	32.73 0.26 0.00	30.07 -0.03 0.00	29.50 -0.09 0.00	34.46 0.03 0.00	37.77 -0.26 0.00	41.53 -0.25 0.00	42.93 -0.21 0.00	42.78 -0.39 0.00	43.21 -0.61 0.00	44.46 -0.81 0.00	49.23 -0.95 0.00	51.48 -1.21 0.00	54.62 -1.40 0.00	54.39 -2.09 0.00	54.44 -2.09 0.00	54.45 -2.21 0.00	54.44 -2.27 0.00	59.91 -2.56 0.00	54.50 -1.98 0.00	51.75 -1.22 0.00	44.79 -1.05 0.00	38.72 -1.07 0.00
NPX_GEN_1385_PROXY 323591	42.25 2.34 -0.20	37.56 1.86 -0.01	34.36 1.88 0.00	32.66 2.56 -0.01	32.23 2.63 -0.01	36.49 2.07 0.00	40.88 2.85 0.00	44.87 3.09 0.00	46.08 2.94 0.00	46.66 3.50 0.00	46.02 2.19 0.00	45.16 2.31 2.43	47.90 3.77 6.05	51.30 4.27 5.66	52.04 5.55 9.53	56.00 6.10 6.58	66.26 6.16 -3.57	80.00 5.95 -17.39	82.86 6.07 -20.08	70.15 6.81 -0.87	63.14 5.54 -1.13	56.95 3.76 -0.23	47.53 3.44 1.75	43.09 3.86 0.57
NPX_GEN_CSC 323557	42.21 2.30 -0.20	37.38 1.68 -0.01	33.90 1.43 0.00	31.91 1.81 -0.01	31.52 1.92 -0.01	36.08 1.65 0.00	40.39 2.36 0.00	44.62 2.84 0.00	46.08 2.94 0.00	46.75 3.58 0.00	46.37 2.54 0.00	48.22 2.94 0.00	54.30 4.12 -1.73	58.95 4.53 -1.34	63.41 6.05 -6.41	69.66 6.77 -12.56	75.98 6.89 -24.02	87.47 6.80 -20.28	83.74 6.75 -20.28	70.43 6.93 -1.02	64.42 6.60 -1.34	57.59 4.39 -0.23	48.47 3.99 1.36	43.09 3.86 0.57
NSINS_S_GLNS_FALLS 23858	41.61 1.91 0.00	37.30 1.61 0.00	33.90 1.43 0.00	31.57 1.47 0.00	31.01 1.42 0.00	36.11 1.69 0.00	39.89 1.86 0.00	43.99 2.21 0.00	45.39 2.24 0.00	45.28 2.12 0.00	45.89 2.06 0.00	47.18 1.90 0.00	52.49 2.31 0.00	55.22 2.53 0.00	58.71 2.69 0.00	63.58 2.82 -4.28	72.33 2.77 -13.02	85.36 3.46 -25.25	82.58 3.69 -22.18	66.79 4.31 0.00	60.26 3.78 0.00	56.30 3.34 0.00	48.59 2.75 0.00	42.22 2.43 0.00
NUCOR_STEEL___DRP 24197	39.63 -0.08 0.00	35.70 0.00 0.00	32.38 -0.10 0.00	30.10 0.00 0.00	29.56 -0.03 0.00	34.32 -0.10 0.00	38.11 0.08 0.00	41.78 0.00 0.00	43.10 -0.04 0.00	43.17 0.00 0.00	43.83 0.00 0.00	45.32 0.05 0.00	50.18 0.00 0.00	52.64 -0.05 0.00	56.07 0.06 0.00	57.17 0.23 -0.47	58.30 0.34 -1.43	60.05 0.62 -2.77	59.88 0.74 -2.43	63.47 1.00 0.00	57.27 0.79 0.00	53.44 0.48 0.00	46.07 0.23 0.00	40.11 0.32 0.00
NUMBER_THREE_WT_PWR 323818	40.94 1.23 0.00	36.84 1.14 0.00	33.35 0.88 0.00	30.82 0.72 0.00	29.92 0.33 0.00	34.97 0.55 0.00	38.64 0.61 0.00	42.57 0.79 0.00	43.70 0.56 0.00	43.56 0.39 0.00	44.22 0.39 0.00	45.51 0.23 0.00	50.38 0.20 0.00	52.69 0.00 0.00	56.24 0.22 0.00	56.73 0.11 -0.14	57.25 0.28 -0.44	57.79 0.28 -0.85	57.86 0.40 -0.75	63.35 0.87 0.00	57.43 0.96 0.00	53.81 0.84 0.00	46.62 0.78 0.00	40.23 0.44 0.00
NYISO_LBMP_REFERENCE 24008	39.71 0.00 0.00	35.70 0.00 0.00	32.47 0.00 0.00	30.10 0.00 0.00	29.59 0.00 0.00	34.42 0.00 0.00	38.03 0.00 0.00	41.78 0.00 0.00	43.14 0.00 0.00	43.17 0.00 0.00	43.83 0.00 0.00	45.28 0.00 0.00	50.18 0.00 0.00	52.69 0.00 0.00	56.02 0.00 0.00	56.48 0.00 0.00	56.53 0.00 0.00	56.66 0.00 0.00	56.71 0.00 0.00	62.47 0.00 0.00	56.48 0.00 0.00	52.96 0.00 0.00	45.84 0.00 0.00	39.79 0.00 0.00
NYPA_BRENTWD____GT 24164	42.89 2.98 -0.20	38.06 2.36 -0.01	34.58 2.11 0.00	32.52 2.41 -0.01	32.11 2.51 -0.01	36.80 2.37 0.00	41.15 3.12 0.00	45.49 3.72 0.00	46.94 3.80 0.00	47.57 4.41 0.00	47.07 3.24 0.00	48.85 3.58 0.00	54.98 4.77 -0.03	60.09 5.32 -2.08	64.22 6.61 -1.60	70.62 7.23 -6.92	76.33 6.95 -12.85	87.87 6.74 -24.47	83.93 6.69 -20.52	70.93 7.24 -1.22	64.32 6.27 -1.58	57.66 4.66 -0.03	48.82 4.17 1.20	44.33 4.53 0.00

NYPA_GOWANUS____GT5 24156	42.37	37.80	34.39	32.12	31.69	36.52	40.58	44.99	46.47	46.80	47.73	49.49	54.95	57.75	62.08	67.19	74.62	85.02	82.07	69.09	61.78	56.99	49.60	43.78
	2.66	2.11	1.92	2.02	2.10	2.10	2.55	3.22	3.32	3.63	3.90	4.21	4.77	5.06	6.05	7.00	6.95	6.80	6.41	6.62	5.31	4.02	3.76	3.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-3.72	-11.13	-21.57	-18.95	0.00	0.00	0.00	0.00	-0.01
NYPA_GOWANUS____GT6 24157	42.37	37.80	34.39	32.12	31.69	36.52	40.58	44.99	46.47	46.80	47.73	49.49	54.95	57.75	62.08	67.19	74.62	85.02	82.07	69.09	61.78	56.99	49.60	43.78
	2.66	2.11	1.92	2.02	2.10	2.10	2.55	3.22	3.32	3.63	3.90	4.21	4.77	5.06	6.05	7.00	6.95	6.80	6.41	6.62	5.31	4.02	3.76	3.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-3.72	-11.13	-21.57	-18.95	0.00	0.00	0.00	0.00	-0.01
NYPA_HARLEM__RVR__GT1 24160	42.26	37.70	34.33	32.12	31.70	36.53	40.62	44.95	46.28	46.62	47.73	49.44	54.90	57.49	61.90	67.07	74.50	84.97	81.91	69.04	61.61	56.89	49.52	43.62
	2.54	2.00	1.85	2.02	2.10	2.10	2.59	3.17	3.15	3.45	3.90	4.16	4.72	4.79	5.88	6.89	6.84	6.74	6.24	6.56	5.14	3.92	3.67	3.82
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-3.70	-11.13	-21.58	-18.96	-0.01	0.00	-0.01	-0.01	-0.01
NYPA_HARLEM__RVR__GT2 24161	42.26	37.70	34.33	32.12	31.70	36.53	40.62	44.95	46.28	46.62	47.73	49.44	54.90	57.49	61.90	67.07	74.50	84.97	81.91	69.04	61.61	56.89	49.52	43.62
	2.54	2.00	1.85	2.02	2.10	2.10	2.59	3.17	3.15	3.45	3.90	4.16	4.72	4.79	5.88	6.89	6.84	6.74	6.24	6.56	5.14	3.92	3.67	3.82
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-3.70	-11.13	-21.58	-18.96	-0.01	0.00	-0.01	-0.01	-0.01
NYPA_KENT____GT 24152	42.25	37.69	34.29	32.05	31.63	36.45	40.54	44.91	46.47	46.80	47.68	49.40	54.85	57.59	61.90	67.00	74.47	84.85	81.90	68.97	61.61	56.88	49.46	43.62
	2.54	2.00	1.82	1.96	2.04	2.03	2.51	3.13	3.32	3.63	3.86	4.12	4.67	4.90	5.88	6.89	6.84	6.63	6.24	6.50	5.14	3.92	3.62	3.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.64	-11.10	-21.57	-18.95	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	42.33	37.73	34.32	32.05	31.63	36.42	40.47	44.82	46.25	46.58	47.50	49.02	50.41	52.14	55.60	59.13	68.30	78.98	73.40	61.53	61.50	51.33	49.42	43.70
	2.62	2.03	1.85	1.96	2.04	2.00	2.44	3.05	3.11	3.41	3.68	3.99	4.52	4.79	5.77	6.77	6.72	6.51	6.13	6.38	5.02	3.76	3.58	3.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.24	4.29	5.35	6.19	4.12	-5.04	-15.81	-10.56	7.32	0.00	5.39	0.00	-0.01
NYPA_VERNON____GT2 24162	42.13	37.59	34.23	32.00	31.57	36.42	40.50	44.87	46.47	46.75	47.64	49.36	54.75	57.49	61.79	66.88	74.32	84.74	81.79	68.85	61.50	56.78	49.37	43.45
	2.42	1.89	1.75	1.90	1.98	2.00	2.47	3.09	3.32	3.58	3.81	4.08	4.57	4.79	5.77	6.72	6.67	6.51	6.13	6.38	5.02	3.82	3.53	3.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.68	-11.12	-21.57	-18.95	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	42.13	37.59	34.23	32.00	31.57	36.42	40.50	44.87	46.47	46.75	47.64	49.36	54.75	57.49	61.79	66.88	74.32	84.74	81.79	68.85	61.50	56.78	49.37	43.45
	2.42	1.89	1.75	1.90	1.98	2.00	2.47	3.09	3.32	3.58	3.81	4.08	4.57	4.79	5.77	6.72	6.67	6.51	6.13	6.38	5.02	3.82	3.53	3.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.68	-11.12	-21.57	-18.95	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	42.09	37.59	34.19	32.00	31.57	36.42	40.50	44.82	46.38	46.71	47.60	49.26	54.64	57.38	61.67	66.82	74.26	84.68	81.67	68.72	61.39	56.67	49.28	43.45
	2.38	1.89	1.72	1.90	1.98	2.00	2.47	3.05	3.24	3.54	3.77	3.99	4.46	4.69	5.66	6.66	6.61	6.46	6.01	6.25	4.91	3.71	3.44	3.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.69	-11.12	-21.57	-18.95	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	42.09	37.59	34.19	32.00	31.57	36.42	40.50	44.82	46.38	46.71	47.60	49.26	54.64	57.38	61.67	66.82	74.26	84.68	81.67	68.72	61.39	56.67	49.28	43.45
	2.38	1.89	1.72	1.90	1.98	2.00	2.47	3.05	3.24	3.54	3.77	3.99	4.46	4.69	5.66	6.66	6.61	6.46	6.01	6.25	4.91	3.71	3.44	3.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.69	-11.12	-21.57	-18.95	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	42.53	37.74	34.26	32.25	31.85	36.49	40.81	44.99	46.47	47.10	46.67	48.44	54.44	59.09	63.45	69.63	75.91	87.33	83.61	70.42	63.72	57.04	47.93	43.89
	2.62	2.03	1.78	2.14	2.25	2.07	2.77	3.22	3.32	3.93	2.85	3.17	4.26	4.69	6.11	6.77	6.84	6.68	6.63	6.93	5.93	4.08	3.80	4.10
	-0.20	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.71	-1.33	-6.38	-12.54	-23.99	-20.26	-1.01	-1.32	0.00	1.72	0.00
NYPA____HELLGATE_GT1 24158	42.26	37.70	34.33	32.12	31.70	36.53	40.62	44.95	46.28	46.62	47.73	49.44	54.90	57.54	61.90	67.07	74.50	84.97	81.91	69.04	61.61	56.89	49.52	43.62
	2.54	2.00	1.85	2.02	2.10	2.10	2.59	3.17	3.15	3.45	3.90	4.16	4.72	4.84	5.88	6.89	6.84	6.74	6.24	6.56	5.14	3.92	3.67	3.82
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-3.70	-11.13	-21.58	-18.96	-0.01	0.00	-0.01	-0.01	-0.01
NYPA____HELLGATE_GT2 24159	42.26	37.70	34.33	32.12	31.70	36.53	40.62	44.95	46.28	46.62	47.73	49.44	54.90	57.54	61.90	67.07	74.50	84.97	81.91	69.04	61.61	56.89	49.52	43.62
	2.54	2.00	1.85	2.02	2.10	2.10	2.59	3.17	3.15	3.45	3.90	4.16	4.72	4.84	5.88	6.89	6.84	6.74	6.24	6.56	5.14	3.92	3.67	3.82
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-3.70	-11.13	-21.58	-18.96	-0.01	0.00	-0.01	-0.01	-0.01
NYS_BARGE____HYD 23848	38.08	33.98	30.56	28.60	27.99	32.22	35.11	33.27	39.13	39.41	40.10	41.43	45.81	48.21	50.42	51.97	53.75	56.47	56.34	59.10	53.77	49.73	43.46	38.48
	-1.63	-1.71	-1.92	-1.50	-1.60	-2.20	-2.62	-2.84	-4.01	-3.76	-3.73	-3.85	-4.37	-4.48	-5.60	-5.08	-4.52	-3.57	-3.35	-3.37	-2.71	-3.23	-2.39	-1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.30	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	-1.75	-3.38	-2.97	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	38.99	34.98	31.60	29.38	28.79	33.36	36.78	40.36	41.42	41.57	42.34	43.74	48.42	50.85	53.61	55.25	56.55	58.69	58.53	61.73	55.97	52.01	45.02	39.52
	-0.71	-0.71	-0.88	-0.72	-0.80	-1.07	-1.25	-1.42	-1.73	-1.60	-1.49	-1.54	-1.76	-1.85	-2.41	-1.69	-1.41	-0.74	-0.62	-0.75	-0.51	-0.95	-0.82	-0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-1.43	-2.77	-2.44	0.00	0.00	0.00	0.00	0.00

OAKDALE___35_KV_LOAD 356122	39.67 -0.04 0.00	35.59 -0.11 0.00	32.31 -0.16 0.00	30.10 0.00 0.00	29.59 0.00 0.00	34.25 -0.17 0.00	38.03 0.00 0.00	41.94 0.17 0.00	43.14 0.00 0.00	43.26 0.09 0.00	43.91 0.09 0.00	45.41 0.14 0.00	50.28 0.10 0.00	52.80 0.11 0.00	56.30 0.28 0.00	58.04 0.34 -1.22	60.69 0.45 -3.70	64.46 0.62 -7.18	63.76 0.74 -6.31	63.66 1.19 0.00	57.44 0.96 0.00	53.44 0.48 0.00	46.21 0.37 0.00	40.27 0.48 0.00
OCC_CHEM___DRP 24175	37.13 -2.58 0.00	33.41 -2.28 0.00	30.07 -2.40 0.00	27.93 -2.17 0.00	27.34 -2.25 0.00	31.46 -2.96 0.00	34.23 -3.50 0.31	32.64 -3.34 5.79	38.27 -4.88 0.00	38.55 -4.62 0.00	39.27 -4.56 0.00	40.52 -4.75 0.00	44.86 -5.32 0.00	46.95 -5.74 0.00	49.86 -6.16 0.00	51.02 -6.04 -0.59	52.66 -5.65 -1.78	55.36 -4.76 -3.46	55.16 -4.59 -3.04	57.60 -4.87 0.00	52.41 -4.07 0.00	48.52 -4.45 0.00	42.45 -3.39 0.00	37.61 -2.19 0.00
OH_GEN_PROXY 24063	37.60 -2.11 0.00	33.70 -2.00 0.00	30.36 -2.11 0.00	28.29 -1.81 0.00	27.73 -1.86 0.00	31.94 -2.48 0.00	34.84 -2.93 0.26	33.58 -3.26 4.94	39.04 -4.10 0.00	39.33 -3.84 0.00	40.01 -3.81 0.00	41.34 -3.94 0.00	45.71 -4.47 0.00	48.05 -4.64 0.00	50.25 -5.77 0.00	51.81 -5.25 -0.58	53.66 -4.63 -1.77	56.34 -3.74 -3.43	56.21 -3.52 -3.01	58.73 -3.75 0.00	53.43 -3.05 0.00	49.65 -3.55 -0.23	43.42 -2.75 -0.33	37.60 -1.63 0.56
OLIN_CORP_DRP 24177	37.64 -2.06 0.00	33.55 -2.14 0.00	30.20 -2.27 0.00	28.32 -1.78 0.00	27.73 -1.86 0.00	31.88 -2.55 0.00	34.79 -2.93 0.32	32.57 -3.26 5.94	38.66 -4.49 0.00	38.94 -4.23 0.00	39.62 -4.21 0.00	40.89 -4.39 0.00	45.26 -4.92 0.00	47.37 -5.32 0.00	50.36 -5.66 0.00	51.48 -5.59 -0.59	53.13 -5.20 -1.80	55.90 -4.25 -3.49	55.75 -4.03 -3.06	58.23 -4.25 0.00	53.03 -3.45 0.00	49.10 -3.87 0.00	42.91 -2.93 0.00	38.00 -1.79 0.00
OLIN_CORP_DSASP 323712	37.13 -2.58 0.00	33.41 -2.29 0.00	30.07 -2.40 0.00	27.93 -2.17 0.00	27.34 -2.25 0.00	31.46 -2.96 0.00	34.23 -3.50 0.31	32.64 -3.34 5.79	38.27 -4.88 0.00	38.59 -4.58 0.00	39.27 -4.56 0.00	40.52 -4.75 0.00	44.86 -5.32 0.00	47.16 -5.53 0.00	49.24 -6.78 0.00	50.85 -6.21 -0.59	52.66 -5.65 -1.78	55.36 -4.76 -3.46	55.16 -4.59 -3.04	57.60 -4.87 0.00	52.47 -4.01 0.00	48.52 -4.45 0.00	42.36 -3.49 0.00	37.61 -2.19 0.00
ONEIDA_HERK_LFGE 323681	40.74 1.03 0.00	36.62 0.93 0.00	33.22 0.75 0.00	30.76 0.66 0.00	30.09 0.50 0.00	35.11 0.69 0.00	38.79 0.76 0.00	42.74 0.96 0.00	43.96 0.82 0.00	43.95 0.78 0.00	44.66 0.83 0.00	46.00 0.72 0.00	50.93 0.75 0.00	53.38 0.68 0.00	56.91 0.89 0.00	57.50 0.90 -0.13	57.94 1.02 -0.39	58.48 1.07 -0.75	58.57 1.19 -0.66	64.04 1.56 0.00	57.94 1.47 0.00	54.18 1.22 0.00	46.90 1.06 0.00	40.55 0.75 0.00
ONEIDA___115KV_TB4 55905	40.70 0.99 0.00	36.59 0.89 0.00	33.19 0.71 0.00	30.79 0.69 0.00	30.24 0.65 0.00	35.21 0.79 0.00	38.98 0.95 0.00	42.95 1.17 0.00	44.18 1.04 0.00	44.21 1.04 0.00	44.97 1.14 0.00	46.37 1.09 0.00	51.33 1.15 0.00	53.85 1.16 0.00	57.42 1.40 0.00	58.17 1.47 -0.23	58.75 1.53 -0.70	59.71 1.70 -1.35	59.66 1.76 -1.19	64.72 2.25 0.00	58.45 1.98 0.00	54.61 1.64 0.00	47.17 1.33 0.00	40.83 1.03 0.00
ONONDAGA_REF_OCCRA 23987	39.35 -0.36 0.00	35.45 -0.25 0.00	32.21 -0.26 0.00	29.95 -0.15 0.00	29.41 -0.18 0.00	34.15 -0.28 0.00	37.88 -0.15 0.00	41.57 -0.21 0.00	42.89 -0.26 0.00	43.00 -0.17 0.00	43.65 -0.18 0.00	45.14 -0.14 0.00	50.03 -0.15 0.00	52.53 -0.16 0.00	55.96 -0.06 0.00	57.01 0.11 -0.43	57.93 0.11 -1.29	59.44 0.28 -2.50	59.25 0.34 -2.20	62.97 0.50 0.00	56.81 0.34 0.00	52.96 0.00 0.00	45.70 -0.14 0.00	39.75 -0.04 0.00
ONONDAGA___COGEN 23986	39.39 -0.32 0.00	35.52 -0.18 0.00	32.25 -0.23 0.00	29.98 -0.12 0.00	29.44 -0.15 0.00	34.18 -0.24 0.00	37.96 -0.08 0.00	41.61 -0.17 0.00	42.93 -0.22 0.00	43.04 -0.13 0.00	43.70 -0.13 0.00	45.19 -0.09 0.00	50.08 -0.10 0.00	52.53 -0.16 0.00	55.96 -0.06 0.00	56.99 0.11 -0.40	57.85 0.11 -1.20	59.27 0.28 -2.33	59.10 0.34 -2.05	62.91 0.44 0.00	56.76 0.28 0.00	53.02 0.05 0.00	45.75 -0.09 0.00	39.79 0.00 0.00
ONTARIO___LFGE 23819	39.67 -0.04 0.00	35.52 -0.18 0.00	32.12 -0.36 0.00	29.89 -0.21 0.00	29.35 -0.24 0.00	34.05 -0.38 0.00	38.04 -0.19 -0.20	45.46 -0.04 -3.73	43.10 -0.04 0.00	43.17 0.00 0.00	43.83 0.00 0.00	45.28 0.00 0.00	50.08 -0.10 0.00	52.59 -0.11 0.00	55.68 -0.33 0.00	57.14 0.11 -0.55	58.60 0.40 -1.67	60.79 0.90 -3.23	60.68 1.13 -2.84	64.10 1.62 0.00	57.94 1.47 0.00	53.92 0.95 0.00	46.39 0.55 0.00	40.51 0.72 0.00
ORANGEVILLE_WT_PWR 323706	38.20 -1.51 0.00	34.09 -1.61 0.00	30.43 -2.04 0.00	28.29 -1.81 0.00	27.70 -1.89 0.00	31.91 -2.51 0.00	33.62 -2.89 1.52	9.93 -3.13 28.71	38.96 -4.18 0.00	39.11 -4.06 0.00	39.71 -4.12 0.00	40.98 -4.30 0.00	45.36 -4.82 0.00	47.74 -4.96 0.00	50.25 -5.77 0.00	51.74 -5.48 -0.74	53.97 -4.81 -2.24	57.03 -3.97 -4.34	56.84 -3.69 -3.82	59.41 -3.06 0.00	54.11 -2.37 0.00	50.16 -2.81 0.00	43.92 -1.92 0.00	38.68 -1.11 0.00
ORANGEVILLE___ESR 323794	38.20 -1.51 0.00	34.09 -1.61 0.00	30.43 -2.04 0.00	28.29 -1.81 0.00	27.70 -1.89 0.00	31.91 -2.51 0.00	33.62 -2.89 1.52	9.93 -3.13 28.71	38.96 -4.18 0.00	39.11 -4.06 0.00	39.71 -4.12 0.00	40.98 -4.30 0.00	45.36 -4.82 0.00	47.74 -4.96 0.00	50.25 -5.77 0.00	51.74 -5.48 -0.74	53.97 -4.81 -2.24	57.03 -3.97 -4.34	56.84 -3.69 -3.82	59.41 -3.06 0.00	54.11 -2.37 0.00	50.16 -2.81 0.00	43.92 -1.92 0.00	38.68 -1.11 0.00
OSWEGATCHIE___HYD 24044	40.74 1.03 0.00	36.66 0.96 0.00	33.16 0.68 0.00	30.55 0.45 0.00	29.86 0.27 0.00	35.01 0.58 0.00	38.52 0.49 0.00	42.44 0.67 0.00	43.66 0.52 0.00	43.51 0.34 0.00	44.14 0.31 0.00	45.37 0.09 0.00	50.28 0.10 0.00	52.59 -0.11 0.00	56.02 0.00 0.00	56.19 -0.39 -0.11	56.52 -0.34 -0.32	56.66 -0.62 -0.62	56.75 -0.51 -0.55	62.16 -0.31 0.00	56.48 0.00 0.00	53.28 0.32 0.00	46.30 0.46 0.00	39.91 0.12 0.00
OSWEGO___5 23606	38.72 -0.99 0.00	34.94 -0.75 0.00	31.73 -0.75 0.00	29.50 -0.60 0.00	28.97 -0.62 0.00	33.63 -0.79 0.00	37.23 -0.80 0.00	40.73 -1.04 0.00	42.02 -1.12 0.00	42.09 -1.08 0.00	42.77 -1.05 0.00	44.19 -1.09 0.00	48.98 -1.20 0.00	51.38 -1.32 0.00	54.56 -1.46 0.00	55.51 -1.24 -0.28	56.19 -1.19 -0.85	57.29 -1.02 -1.65	57.15 -1.02 -1.45	61.41 -1.06 0.00	55.46 -1.01 0.00	51.80 -1.17 0.00	44.83 -1.01 0.00	39.00 -0.80 0.00
OSWEGO___6 23613	38.72 -0.99 0.00	34.94 -0.75 0.00	31.73 -0.75 0.00	29.50 -0.60 0.00	28.97 -0.62 0.00	33.63 -0.79 0.00	37.23 -0.80 0.00	40.73 -1.04 0.00	42.02 -1.12 0.00	42.09 -1.08 0.00	42.77 -1.05 0.00	44.19 -1.09 0.00	48.98 -1.20 0.00	51.38 -1.32 0.00	54.56 -1.46 0.00	55.51 -1.24 -0.28	56.19 -1.19 -0.85	57.29 -1.02 -1.65	57.15 -1.02 -1.45	61.41 -1.06 0.00	55.46 -1.01 0.00	51.80 -1.17 0.00	44.83 -1.01 0.00	39.00 -0.80 0.00

OUTOKUMPU-AB___DRP 24206	38.12 -1.59 0.00	34.13 -1.57 0.00	30.69 -1.79 0.00	28.59 -1.50 0.00	27.99 -1.60 0.00	32.22 -2.20 0.00	35.04 -2.66 0.33	32.83 -2.72 6.23	39.26 -3.88 0.00	39.54 -3.63 0.00	40.28 -3.55 0.00	41.57 -3.71 0.00	45.97 -4.22 0.00	48.21 -4.48 0.00	51.26 -4.76 0.00	52.27 -4.80 -0.60	53.99 -4.35 -1.82	56.72 -3.46 -3.52	56.57 -3.23 -3.09	59.29 -3.19 0.00	53.93 -2.54 0.00	49.95 -3.02 0.00	43.69 -2.15 0.00	38.64 -1.15 0.00
OXBOW___BTM 323836	37.72 -1.98 0.00	33.84 -1.86 0.00	30.46 -2.01 0.00	28.29 -1.81 0.00	27.73 -1.86 0.00	31.91 -2.51 0.00	34.67 -3.04 0.32	32.79 -2.97 6.02	38.83 -4.31 0.00	39.11 -4.06 0.00	39.84 -3.99 0.00	41.11 -4.16 0.00	45.51 -4.67 0.00	47.90 -4.79 0.00	50.03 -5.99 0.00	51.59 -5.48 -0.59	53.47 -4.86 -1.80	56.13 -4.02 -3.49	55.98 -3.80 -3.06	58.60 -3.87 0.00	53.31 -3.16 0.00	49.31 -3.65 0.00	43.09 -2.75 0.00	38.20 -1.59 0.00
OXBOW___ 24026	37.72 -1.99 0.00	33.84 -1.86 0.00	30.46 -2.01 0.00	28.29 -1.81 0.00	27.73 -1.86 0.00	31.91 -2.51 0.00	34.67 -3.04 0.32	32.79 -2.97 6.02	38.83 -4.31 0.00	39.11 -4.06 0.00	39.84 -3.99 0.00	41.11 -4.17 0.00	45.51 -4.67 0.00	47.69 -5.01 0.00	50.70 -5.32 0.00	51.76 -5.31 -0.59	53.41 -4.92 -1.80	56.18 -3.97 -3.49	55.98 -3.80 -3.06	58.54 -3.94 0.00	53.26 -3.22 0.00	49.31 -3.65 0.00	43.14 -2.70 0.00	38.20 -1.59 0.00
OXY_CHEM_DSASP 323612	37.13 -2.58 0.00	33.41 -2.28 0.00	30.07 -2.40 0.00	27.93 -2.17 0.00	27.34 -2.25 0.00	31.46 -2.96 0.00	34.23 -3.50 0.31	32.64 -3.34 5.79	38.27 -4.88 0.00	38.55 -4.62 0.00	39.27 -4.56 0.00	40.52 -4.75 0.00	44.86 -5.32 0.00	46.95 -5.74 0.00	49.86 -6.16 0.00	51.02 -6.04 -0.59	52.66 -5.65 -1.78	55.36 -4.76 -3.46	55.16 -4.59 -3.04	57.60 -4.87 0.00	52.41 -4.07 0.00	48.52 -4.45 0.00	42.45 -3.39 0.00	37.61 -2.19 0.00
OZONE_PARK_ESR 323760	42.41 2.70 0.00	37.80 2.11 0.00	34.42 1.95 0.00	32.18 2.08 0.00	31.75 2.16 0.00	36.66 2.24 0.00	40.81 2.78 0.00	45.20 3.43 0.00	46.94 3.80 0.00	47.23 4.06 0.00	48.03 4.21 0.00	49.81 4.53 0.00	55.20 5.02 0.00	58.12 5.43 0.00	62.68 6.67 0.00	67.63 7.45 -3.70	75.18 7.52 -11.13	85.59 7.37 -21.57	82.75 7.09 -18.95	69.91 7.43 0.00	62.41 5.93 0.00	57.47 4.50 0.00	49.83 3.99 0.00	43.69 3.90 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.13 -2.58 0.00	33.41 -2.28 0.00	30.07 -2.40 0.00	27.93 -2.17 0.00	27.34 -2.25 0.00	31.46 -2.96 0.00	34.23 -3.50 0.31	32.64 -3.34 5.79	38.27 -4.88 0.00	38.55 -4.62 0.00	39.27 -4.56 0.00	40.52 -4.75 0.00	44.86 -5.32 0.00	46.95 -5.74 0.00	49.86 -6.16 0.00	51.02 -6.04 -0.59	52.66 -5.65 -1.78	55.36 -4.76 -3.46	55.16 -4.59 -3.04	57.60 -4.87 0.00	52.41 -4.07 0.00	48.52 -4.45 0.00	42.45 -3.39 0.00	37.61 -2.19 0.00
PACKARD___115KV_DUPONT_184 80571	37.13 -2.58 0.00	33.41 -2.28 0.00	30.07 -2.40 0.00	27.93 -2.17 0.00	27.34 -2.25 0.00	31.46 -2.96 0.00	34.23 -3.50 0.31	32.64 -3.34 5.79	38.27 -4.88 0.00	38.55 -4.62 0.00	39.27 -4.56 0.00	40.52 -4.75 0.00	44.86 -5.32 0.00	46.95 -5.74 0.00	49.86 -6.16 0.00	51.02 -6.04 -0.59	52.66 -5.65 -1.78	55.36 -4.76 -3.46	55.16 -4.59 -3.04	57.60 -4.87 0.00	52.41 -4.07 0.00	48.52 -4.45 0.00	42.45 -3.39 0.00	37.61 -2.19 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.26 2.54 -0.01	37.74 2.03 -0.01	34.33 1.85 -0.01	32.12 2.02 -0.01	31.70 2.10 -0.01	36.53 2.10 -0.01	40.58 2.55 0.00	44.87 3.09 0.00	46.21 3.06 0.00	46.58 3.41 0.00	47.60 3.77 0.00	49.31 4.03 0.00	54.75 4.57 0.00	57.38 4.69 0.00	61.96 5.94 0.00	66.96 6.78 -3.70	74.39 6.73 -11.13	84.81 6.57 -21.58	81.80 6.13 -18.96	68.85 6.37 -0.01	61.50 5.03 0.00	56.79 3.81 -0.01	49.47 3.62 -0.01	43.54 3.74 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.69 2.98 -0.01	38.13 2.43 -0.01	34.69 2.21 -0.01	32.45 2.35 -0.01	32.03 2.43 -0.01	36.91 2.48 -0.01	40.96 2.93 0.00	45.33 3.55 0.00	46.68 3.54 0.00	47.01 3.84 0.00	48.03 4.21 0.00	49.76 4.48 0.00	55.30 5.12 0.00	57.96 5.27 0.00	62.68 6.67 0.00	67.63 7.45 -3.70	75.13 7.46 -11.13	85.54 7.31 -21.58	82.59 6.92 -18.96	69.73 7.25 -0.01	62.24 5.76 0.00	57.47 4.50 -0.01	50.02 4.17 -0.01	43.98 4.18 -0.01
PATROON___115KV_TB1 80586	40.58 0.87 0.00	36.34 0.64 0.00	33.25 0.78 0.00	31.00 0.90 0.00	30.45 0.86 0.00	35.28 0.86 0.00	39.02 0.99 0.00	42.90 1.13 0.00	44.40 1.25 0.00	44.38 1.21 0.00	45.10 1.27 0.00	46.68 1.40 0.00	51.84 1.66 0.00	54.54 1.84 0.00	57.98 1.96 0.00	62.82 2.15 -4.20	71.47 2.15 -12.79	83.66 2.21 -24.79	80.76 2.27 -21.78	64.91 2.44 0.00	58.34 1.86 0.00	54.34 1.38 0.00	47.03 1.19 0.00	40.95 1.15 0.00
PATTRSNVILLE___SOLAR 323815	41.38 1.67 0.00	37.05 1.36 0.00	33.74 1.27 0.00	31.42 1.32 0.00	30.86 1.27 0.00	35.87 1.45 0.00	39.59 1.56 0.00	43.57 1.80 0.00	44.91 1.77 0.00	44.81 1.64 0.00	45.40 1.58 0.00	46.91 1.63 0.00	52.04 1.86 0.00	54.80 2.11 0.00	58.26 2.24 0.00	63.35 2.48 -4.39	72.43 2.55 -13.35	85.32 2.78 -25.89	82.52 3.06 -22.74	66.10 3.62 0.00	59.64 3.16 0.00	55.61 2.65 0.00	48.09 2.25 0.00	41.86 2.07 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.08 -1.63 0.00	34.02 -1.68 0.00	30.56 -1.92 0.00	28.53 -1.57 0.00	27.99 -1.60 0.00	32.22 -2.20 0.00	35.11 -2.59 0.33	32.86 -2.63 6.29	39.74 -3.41 0.00	39.97 -3.19 0.00	40.71 -3.11 0.00	42.02 -3.26 0.00	46.52 -3.66 0.00	48.74 -3.95 0.00	51.87 -4.15 0.00	52.27 -4.86 -0.65	54.04 -4.47 -1.98	56.81 -3.68 -3.83	56.68 -3.40 -3.37	60.04 -2.44 0.00	54.56 -1.92 0.00	50.53 -2.44 0.00	44.19 -1.65 0.00	38.80 -0.99 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	42.05 2.34 0.00	37.55 1.86 0.00	34.13 1.66 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.42 2.00 0.00	40.47 2.43 0.00	44.74 2.97 0.00	46.38 3.24 0.00	46.58 3.41 0.00	47.46 3.64 0.00	49.22 3.94 0.00	54.70 4.52 0.00	57.65 4.95 0.00	62.12 6.11 0.00	67.37 7.17 -3.72	75.19 7.46 -11.20	85.84 7.48 -21.70	82.87 7.09 -19.07	69.85 7.37 0.00	62.07 5.59 0.00	57.20 4.24 0.00	49.37 3.53 0.00	43.18 3.38 0.00
PEEKSKILL___ 23653	41.77 2.06 0.00	37.26 1.57 0.00	33.94 1.46 0.00	31.75 1.65 0.00	31.31 1.72 0.00	36.14 1.72 0.00	40.20 2.17 0.00	44.45 2.68 0.00	46.08 2.94 0.00	46.32 3.15 0.00	47.07 3.24 0.00	48.77 3.49 0.00	54.10 3.92 0.00	56.91 4.22 0.00	61.06 5.04 0.00	66.14 5.98 -3.68	73.70 6.11 -11.06	84.17 6.07 -21.44	81.34 5.79 -18.84	68.53 6.06 0.00	61.22 4.74 0.00	56.51 3.55 0.00	48.91 3.07 0.00	42.90 3.11 0.00
PGE MADISON___WINDPWR 24146	42.13 2.42 0.00	37.69 2.00 0.00	34.06 1.59 0.00	31.54 1.44 0.00	31.01 1.42 0.00	36.18 1.75 0.00	40.19 2.09 -0.07	45.65 2.55 -1.33	45.34 2.20 0.00	45.37 2.20 0.00	45.97 2.15 0.00	47.32 2.04 0.00	52.29 2.11 0.00	54.69 2.00 0.00	58.32 2.30 0.00	60.26 2.60 -1.19	63.01 2.88 -3.60	66.98 3.34 -6.98	66.59 3.74 -6.13	67.35 4.88 0.00	60.94 4.46 0.00	56.67 3.71 0.00	48.87 3.02 0.00	42.18 2.39 0.00

PIERCEFIELD___HYD 23852	40.66 0.95 0.00	36.59 0.89 0.00	33.06 0.58 0.00	30.37 0.27 0.00	29.80 0.21 0.00	35.01 0.59 0.00	38.41 0.38 0.00	42.32 0.54 0.00	43.62 0.47 0.00	43.51 0.35 0.00	44.13 0.31 0.00	45.32 0.05 0.00	50.23 0.05 0.00	52.64 -0.05 0.00	55.68 -0.34 0.00	55.69 -0.85 -0.06	55.86 -0.85 -0.18	55.53 -1.47 -0.34	55.54 -1.47 -0.30	60.98 -1.50 0.00	55.52 -0.96 0.00	52.65 -0.32 0.00	45.80 -0.05 0.00	39.52 -0.28 0.00
PINELAWN_CC_1 323563	42.59 2.66 -0.22	37.85 2.14 -0.01	34.39 1.92 0.00	32.30 2.20 -0.01	31.88 2.28 -0.01	36.59 2.17 0.00	40.92 2.89 0.00	45.24 3.47 0.00	46.72 3.58 0.00	47.27 4.10 0.00	47.02 3.20 0.00	48.45 3.17 0.00	54.40 4.22 0.00	61.22 4.58 -3.94	65.02 5.94 -3.07	72.85 6.49 -9.89	77.47 6.55 -14.38	90.21 6.40 -27.15	84.99 6.29 -21.98	71.43 6.62 -2.34	64.93 5.42 -3.03	56.99 4.02 0.00	50.95 3.71 -1.40	44.09 4.30 0.00
PJM_GEN_HTTP_PROXY 323702	42.01 2.30 0.00	37.48 1.78 0.00	34.13 1.66 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.38 1.96 0.00	40.50 2.47 0.00	44.79 3.01 0.00	46.51 3.37 0.00	46.75 3.58 0.00	47.55 3.72 0.00	49.26 3.99 0.00	54.60 4.42 0.00	57.49 4.79 0.00	61.74 5.72 0.00	66.83 6.66 -3.70	74.38 6.72 -11.13	84.79 6.57 -21.57	81.90 6.24 -18.95	69.03 6.56 0.00	61.61 5.14 0.00	57.06 3.86 -0.23	49.61 3.44 -0.33	42.74 3.50 0.56
PJM_GEN_KEystone 24065	39.87 0.16 0.00	35.62 -0.07 0.00	32.31 -0.16 0.00	30.22 0.12 0.00	29.77 0.18 0.00	34.32 -0.10 0.00	38.05 0.08 0.06	41.07 0.38 1.08	43.32 0.17 0.00	43.56 0.39 0.00	44.26 0.44 0.00	45.76 0.50 0.02	50.38 0.50 0.30	52.95 0.63 0.38	56.20 0.62 0.43	59.44 1.19 -1.78	64.46 1.35 -6.57	71.40 1.58 -13.16	69.63 1.59 -11.33	64.02 2.06 0.51	57.58 1.58 0.48	53.56 0.74 0.15	46.95 0.78 -0.33	40.31 1.07 0.56
PJM_GEN_NEPTUNE_PROXY 323594	42.04 2.14 -0.18	37.45 1.75 -0.01	34.06 1.59 0.00	31.97 1.87 -0.01	31.55 1.95 -0.01	36.28 1.86 0.00	40.50 2.47 0.00	44.79 3.01 0.00	46.25 3.11 0.00	46.79 3.63 0.00	46.67 2.85 0.00	48.49 3.22 0.01	54.39 4.22 0.01	57.94 4.84 -0.41	62.50 6.16 -0.32	67.42 6.60 -4.34	74.72 6.72 -11.46	85.32 6.51 -22.15	82.38 6.41 -19.26	69.52 6.81 -0.24	62.26 5.48 -0.31	57.11 3.92 -0.23	46.25 3.76 0.36	43.01 3.78 0.57
PJM_GEN_VFT_PROXY 323633	41.77 2.06 0.00	37.26 1.57 0.00	33.94 1.46 0.00	31.75 1.65 0.00	31.34 1.75 0.00	36.18 1.75 0.00	40.31 2.28 0.00	44.62 2.84 0.00	46.34 3.19 0.00	46.62 3.45 0.00	47.42 3.59 0.00	48.80 3.76 0.23	50.00 4.12 4.30	51.76 4.43 5.36	55.20 5.38 6.19	58.67 6.32 4.13	67.95 6.39 -5.03	78.69 6.23 -15.80	73.16 5.90 -10.55	61.27 6.13 7.33	54.43 4.74 6.79	51.29 3.49 5.17	49.33 3.16 -0.33	42.58 3.34 0.56
PLATSBURG_115KV_PMLD1 355749	40.62 0.91 0.00	36.52 0.82 0.00	33.09 0.62 0.00	30.43 0.33 0.00	29.86 0.27 0.00	34.84 0.41 0.00	38.15 0.11 0.00	42.03 0.25 0.00	43.40 0.26 0.00	43.26 0.09 0.00	43.70 -0.13 0.00	44.92 -0.36 0.00	49.78 -0.40 0.00	52.06 -0.63 0.00	54.95 -1.06 0.00	54.95 -1.52 0.00	55.06 -1.47 0.00	55.07 -1.59 0.00	55.07 -1.64 0.00	60.66 -1.81 0.00	55.12 -1.36 0.00	52.33 -0.64 0.00	45.25 -0.60 0.00	39.16 -0.64 0.00
PLEASANTVLY___LBMP 24000	41.49 1.79 0.00	37.05 1.36 0.00	33.77 1.30 0.00	31.60 1.50 0.00	31.13 1.54 0.00	35.94 1.51 0.00	39.93 1.90 0.00	44.11 2.34 0.00	45.69 2.55 0.00	45.89 2.72 0.00	46.59 2.76 0.00	48.27 2.99 0.00	53.49 3.31 0.00	56.33 3.64 0.00	60.44 4.43 0.00	65.29 5.03 -3.79	73.07 5.14 -11.39	83.84 5.10 -22.08	81.05 4.93 -19.40	67.72 5.25 0.00	60.60 4.12 0.00	55.98 3.02 0.00	48.50 2.66 0.00	42.46 2.67 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.85 2.14 0.00	37.34 1.64 0.00	34.00 1.53 0.00	31.81 1.72 0.00	31.37 1.78 0.00	36.21 1.79 0.00	40.27 2.24 0.00	44.53 2.76 0.00	46.21 3.06 0.00	46.45 3.28 0.00	47.20 3.37 0.00	48.95 3.67 0.00	54.24 4.06 0.00	57.17 4.48 0.00	61.51 5.49 0.00	66.46 6.27 -3.71	74.03 6.33 -11.17	84.60 6.29 -21.66	81.75 6.01 -19.03	68.78 6.31 0.00	61.45 4.97 0.00	56.67 3.71 0.00	49.05 3.21 0.00	42.98 3.18 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.85 2.14 0.00	37.34 1.64 0.00	34.00 1.53 0.00	31.81 1.72 0.00	31.37 1.78 0.00	36.21 1.79 0.00	40.27 2.24 0.00	44.53 2.76 0.00	46.21 3.06 0.00	46.45 3.28 0.00	47.20 3.37 0.00	48.95 3.67 0.00	54.24 4.06 0.00	57.17 4.48 0.00	61.51 5.49 0.00	66.46 6.27 -3.71	74.03 6.33 -11.17	84.60 6.29 -21.66	81.75 6.01 -19.03	68.78 6.31 0.00	61.45 4.97 0.00	56.67 3.71 0.00	49.05 3.21 0.00	42.98 3.18 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.73 2.03 0.00	37.27 1.57 0.00	33.93 1.46 0.00	31.72 1.63 0.00	31.28 1.69 0.00	36.14 1.72 0.00	40.12 2.09 0.00	44.37 2.59 0.00	45.99 2.85 0.00	46.10 2.94 0.00	46.81 2.98 0.00	48.54 3.26 0.00	53.84 3.66 0.00	56.75 4.06 0.00	60.89 4.87 0.00	65.67 5.48 -3.72	73.40 5.60 -11.27	84.00 5.50 -21.85	81.24 5.33 -19.19	68.22 5.75 0.00	61.05 4.57 0.00	56.41 3.44 0.00	48.82 2.98 0.00	42.66 2.87 0.00
POLETTI_____ 23519	41.97 2.26 0.00	37.45 1.75 0.00	34.10 1.62 0.00	31.87 1.78 0.00	31.49 1.89 0.00	36.32 1.89 0.00	40.43 2.40 0.00	44.74 2.97 0.00	46.41 3.28 0.02	46.71 3.54 0.00	47.51 3.68 0.00	49.22 3.94 0.00	54.55 4.37 0.00	57.43 4.74 0.00	61.84 5.83 0.00	66.78 6.61 -3.70	74.33 6.67 -11.13	84.74 6.52 -21.57	81.85 6.18 -18.95	68.91 6.43 0.00	61.56 5.08 0.00	56.72 3.76 0.00	49.23 3.39 0.00	43.22 3.42 0.00
POMONA___ESR 323819	41.73 2.02 0.00	37.26 1.57 0.00	33.94 1.46 0.00	31.75 1.65 0.00	31.34 1.75 0.00	36.14 1.72 0.00	40.24 2.20 0.00	44.45 2.68 0.00	46.08 2.94 0.00	46.32 3.15 0.00	46.98 3.16 0.00	48.72 3.44 0.00	53.99 3.81 0.00	56.85 4.16 0.00	60.95 4.93 0.00	65.93 5.82 -3.63	73.34 5.88 -10.93	83.63 5.78 -21.19	80.83 5.50 -18.62	68.35 5.87 0.00	61.11 4.63 0.00	56.41 3.44 0.00	48.87 3.02 0.00	42.86 3.06 0.00
PORT_JEFF_3 23555	42.64 2.74 -0.20	37.81 2.11 -0.01	34.32 1.85 0.00	32.30 2.20 -0.01	31.91 2.31 -0.01	36.56 2.13 0.00	40.88 2.85 0.00	45.12 3.34 0.00	46.60 3.45 0.00	47.23 4.06 0.00	46.85 3.02 0.00	48.67 3.40 0.00	54.60 4.42 0.00	58.95 4.53 -1.73	63.36 6.00 -1.34	69.55 6.66 -6.41	75.81 6.72 -12.55	87.24 6.57 -24.02	83.51 6.52 -20.28	70.25 6.75 -1.02	63.63 5.82 -1.34	57.04 4.08 0.00	48.05 3.89 1.69	44.01 4.22 0.00
PORT_JEFF_4 23616	42.64 2.74 -0.20	37.81 2.11 -0.01	34.32 1.85 0.00	32.30 2.20 -0.01	31.91 2.31 -0.01	36.56 2.13 0.00	40.88 2.85 0.00	45.12 3.34 0.00	46.60 3.45 0.00	47.23 4.06 0.00	46.85 3.02 0.00	48.67 3.40 0.00	54.60 4.42 0.00	58.95 4.53 -1.73	63.36 6.00 -1.34	69.55 6.66 -6.41	75.81 6.72 -12.55	87.24 6.57 -24.02	83.51 6.52 -20.28	70.25 6.75 -1.02	63.63 5.82 -1.34	57.04 4.08 0.00	48.05 3.89 1.69	44.01 4.22 0.00

PORT_JEFF_IC 23713	42.69 2.78 -0.20	37.85 2.14 -0.01	34.36 1.88 0.00	32.34 2.23 -0.01	31.91 2.31 -0.01	36.56 2.13 0.00	40.88 2.85 0.00	45.16 3.38 0.00	46.55 3.41 0.00	47.10 3.93 0.00	46.89 3.07 0.00	48.76 3.49 0.00	54.75 4.57 0.00	59.59 5.11 -1.79	63.12 5.71 -1.39	69.53 6.55 -6.50	75.98 6.84 -12.60	87.50 6.74 -24.10	83.56 6.52 -20.32	70.40 6.87 -1.06	63.73 5.87 -1.39	57.52 4.55 0.00	48.24 3.99 1.60	43.93 4.14 0.00
PPL PILGRIM_ST_GT1 24216	42.89 2.98 -0.20	38.06 2.36 -0.01	34.58 2.11 0.00	32.52 2.41 -0.01	32.11 2.51 -0.01	36.80 2.37 0.00	41.15 3.12 0.00	45.49 3.72 0.00	46.94 3.80 0.00	47.57 4.41 0.00	47.07 3.24 0.00	48.85 3.58 0.00	54.98 4.77 -0.03	60.09 5.32 -2.08	64.22 6.61 -1.60	70.62 7.23 -6.92	76.33 6.95 -12.85	87.87 6.74 -24.47	83.93 6.69 -20.52	70.93 7.24 -1.22	64.32 6.27 -1.58	57.66 4.66 -0.03	48.82 4.17 1.20	44.33 4.53 0.00
PPL PILGRIM_ST_GT2 24217	42.89 2.98 -0.20	38.06 2.36 -0.01	34.58 2.11 0.00	32.52 2.41 -0.01	32.11 2.51 -0.01	36.80 2.37 0.00	41.15 3.12 0.00	45.49 3.72 0.00	46.94 3.80 0.00	47.57 4.41 0.00	47.07 3.24 0.00	48.85 3.58 0.00	54.98 4.77 -0.03	60.09 5.32 -2.08	64.22 6.61 -1.60	70.62 7.23 -6.92	76.33 6.95 -12.85	87.87 6.74 -24.47	83.93 6.69 -20.52	70.93 7.24 -1.22	64.32 6.27 -1.58	57.66 4.66 -0.03	48.82 4.17 1.20	44.33 4.53 0.00
PPL_SHRM_GT3 24213	42.25 2.34 -0.20	37.42 1.71 -0.01	33.94 1.46 0.00	31.94 1.84 -0.01	31.55 1.95 -0.01	36.11 1.69 0.00	40.43 2.40 0.00	44.66 2.88 0.00	46.12 2.97 0.00	46.80 3.63 0.00	46.37 2.54 0.00	48.22 2.94 0.00	54.30 4.12 0.00	59.03 4.58 -1.76	63.49 6.11 -1.37	69.76 6.83 -6.46	76.12 7.01 -12.58	87.57 6.85 -24.06	83.87 6.86 -20.30	70.57 7.06 -1.04	64.50 6.66 -1.36	57.41 4.45 0.00	48.19 3.99 1.64	43.73 3.94 0.00
PPL_SHRM_GT4 24214	42.25 2.34 -0.20	37.42 1.71 -0.01	33.94 1.46 0.00	31.94 1.84 -0.01	31.55 1.95 -0.01	36.11 1.69 0.00	40.43 2.40 0.00	44.66 2.88 0.00	46.12 2.97 0.00	46.80 3.63 0.00	46.37 2.54 0.00	48.22 2.94 0.00	54.30 4.12 0.00	59.03 4.58 -1.76	63.49 6.11 -1.37	69.76 6.83 -6.46	76.12 7.01 -12.58	87.57 6.85 -24.06	83.87 6.86 -20.30	70.57 7.06 -1.04	64.50 6.66 -1.36	57.41 4.45 0.00	48.19 3.99 1.64	43.73 3.94 0.00
PROJECT___ORANGE 1 24174	39.23 -0.48 0.00	35.34 -0.36 0.00	32.12 -0.36 0.00	29.86 -0.24 0.00	29.33 -0.27 0.00	34.04 -0.38 0.00	37.76 -0.27 0.00	41.40 -0.38 0.00	42.76 -0.39 0.00	42.82 -0.35 0.00	43.52 -0.31 0.00	45.01 -0.27 0.00	49.88 -0.30 0.00	52.38 -0.32 0.00	55.79 -0.22 0.00	56.71 -0.11 -0.35	57.54 -0.06 -1.06	58.78 0.06 -2.06	58.64 0.11 -1.81	62.66 0.19 0.00	56.53 0.06 0.00	52.75 -0.21 0.00	45.52 -0.32 0.00	39.63 -0.16 0.00
PROJECT___ORANGE 2 24166	39.23 -0.48 0.00	35.34 -0.36 0.00	32.12 -0.36 0.00	29.86 -0.24 0.00	29.33 -0.27 0.00	34.04 -0.38 0.00	37.76 -0.27 0.00	41.40 -0.38 0.00	42.76 -0.39 0.00	42.82 -0.35 0.00	43.52 -0.31 0.00	45.01 -0.27 0.00	49.88 -0.30 0.00	52.38 -0.32 0.00	55.79 -0.22 0.00	56.71 -0.11 -0.35	57.54 -0.06 -1.06	58.78 0.06 -2.06	58.64 0.11 -1.81	62.66 0.19 0.00	56.53 0.06 0.00	52.75 -0.21 0.00	45.52 -0.32 0.00	39.63 -0.16 0.00
PUCKETT___SOLAR 323809	40.30 0.60 0.00	36.13 0.43 0.00	32.76 0.29 0.00	30.52 0.42 0.00	30.01 0.41 0.00	34.77 0.34 0.00	38.60 0.57 0.00	42.57 0.79 0.00	43.66 0.52 0.00	43.69 0.52 0.00	44.31 0.48 0.00	45.73 0.45 0.00	50.63 0.45 0.00	53.17 0.47 0.00	56.46 0.45 0.00	58.47 0.73 -1.26	61.32 0.96 -3.83	65.33 1.24 -7.43	64.71 1.47 -6.53	64.66 2.19 0.00	58.34 1.86 0.00	54.29 1.32 0.00	46.90 1.06 0.00	40.79 1.00 0.00
PYRITES___HYD 24023	41.22 1.51 0.00	37.05 1.36 0.00	33.48 1.01 0.00	30.73 0.63 0.00	30.18 0.59 0.00	35.52 1.10 0.00	38.91 0.87 0.00	42.86 1.09 0.00	44.09 0.95 0.00	43.95 0.78 0.00	44.57 0.75 0.00	45.69 0.41 0.00	50.68 0.50 0.00	53.11 0.42 0.00	56.24 0.22 0.00	56.19 -0.34 -0.05	56.41 -0.28 -0.17	56.19 -0.79 -0.32	56.32 -0.68 -0.28	61.97 -0.50 0.00	56.48 0.00 0.00	53.65 0.69 0.00	46.53 0.69 0.00	40.03 0.24 0.00
QUAKERRD_115KV_BK1 80622	38.20 -1.51 0.00	34.30 -1.39 0.00	31.01 -1.46 0.00	28.83 -1.26 0.00	28.26 -1.33 0.00	32.77 -1.65 0.00	36.17 -1.86 0.00	39.73 -2.05 0.00	40.81 -2.33 0.00	40.92 -2.24 0.00	41.68 -2.15 0.00	43.06 -2.22 0.00	47.67 -2.51 0.00	50.00 -2.69 0.00	53.22 -2.80 0.00	54.45 -2.48 -0.45	55.59 -2.32 -1.38	57.57 -1.76 -2.67	57.42 -1.64 -2.35	60.60 -1.87 0.00	54.89 -1.58 0.00	51.06 -1.91 0.00	44.15 -1.70 0.00	38.68 -1.11 0.00
QUENSBRY_115KV_TB8 356137	41.69 1.99 0.00	37.41 1.71 0.00	33.97 1.49 0.00	31.60 1.50 0.00	31.04 1.45 0.00	36.21 1.79 0.00	39.97 1.94 0.00	44.11 2.34 0.00	45.52 2.37 0.00	45.41 2.24 0.00	46.02 2.19 0.00	47.32 2.04 0.00	52.64 2.46 0.00	55.38 2.69 0.00	58.88 2.86 0.00	63.70 2.94 -4.28	72.45 2.88 -13.04	85.56 3.63 -25.28	82.78 3.86 -22.21	67.04 4.56 0.00	60.54 4.07 0.00	56.62 3.65 0.00	48.78 2.93 0.00	42.34 2.55 0.00
RAMAPO___LBMP 323565	41.61 1.91 0.00	37.16 1.46 0.00	33.80 1.33 0.00	31.66 1.57 0.00	31.25 1.66 0.00	36.04 1.62 0.00	40.08 2.05 0.00	44.32 2.55 0.00	45.91 2.76 0.00	46.15 2.98 0.00	46.85 3.02 0.00	48.54 3.26 0.00	53.79 3.61 0.00	56.70 4.00 0.00	60.89 4.87 0.00	65.63 5.53 -3.62	73.02 5.60 -10.89	83.26 5.50 -21.11	80.53 5.27 -18.54	68.10 5.62 0.00	60.88 4.41 0.00	56.20 3.23 0.00	48.68 2.84 0.00	42.66 2.87 0.00
RANKINE___ 23646	38.24 -1.47 0.00	34.16 -1.53 0.00	30.69 -1.79 0.00	28.59 -1.50 0.00	28.02 -1.57 0.00	32.25 -2.17 0.00	35.02 -2.62 0.39	31.60 -2.84 7.34	39.48 -3.67 0.00	39.72 -3.45 0.00	40.45 -3.37 0.00	41.75 -3.53 0.00	46.22 -3.96 0.00	48.42 -4.27 0.00	51.54 -4.48 0.00	52.42 -4.69 -0.64	54.22 -4.24 -1.93	57.05 -3.34 -3.73	56.93 -3.06 -3.28	59.73 -2.75 0.00	54.33 -2.15 0.00	50.32 -2.65 0.00	44.05 -1.79 0.00	38.84 -0.96 0.00
RAVENSWOOD_GT2_1 24244	42.05 2.34 0.00	37.48 1.78 0.00	34.13 1.66 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.35 1.93 0.00	40.47 2.43 0.00	44.78 3.01 0.00	46.47 3.32 0.00	46.75 3.58 0.00	47.55 3.73 0.00	49.26 3.98 0.00	54.60 4.42 0.00	57.49 4.79 0.00	61.90 5.88 0.00	66.84 6.66 -3.70	74.38 6.73 -11.13	84.80 6.57 -21.57	81.90 6.24 -18.95	68.97 6.50 0.00	61.62 5.14 0.00	56.83 3.87 0.00	49.28 3.44 0.00	43.26 3.46 0.00
RAVENSWOOD_GT2_2 24245	42.05 2.34 0.00	37.48 1.78 0.00	34.13 1.66 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.35 1.93 0.00	40.47 2.43 0.00	44.78 3.01 0.00	46.47 3.32 0.00	46.75 3.58 0.00	47.55 3.73 0.00	49.26 3.98 0.00	54.60 4.42 0.00	57.49 4.79 0.00	61.90 5.88 0.00	66.84 6.66 -3.70	74.38 6.73 -11.13	84.80 6.57 -21.57	81.90 6.24 -18.95	68.97 6.50 0.00	61.62 5.14 0.00	56.83 3.87 0.00	49.28 3.44 0.00	43.26 3.46 0.00



RAVENSWOOD_GT2_3 24246	42.05 2.34 0.00	37.52 1.82 0.00	34.16 1.69 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.39 1.96 0.00	40.50 2.47 0.00	44.83 3.05 0.00	46.51 3.37 0.00	46.80 3.63 0.00	47.60 3.77 0.00	49.31 4.03 0.00	54.65 4.47 0.00	57.54 4.85 0.00	61.96 5.94 0.00	66.84 6.66 -3.70	74.44 6.78 -11.13	84.80 6.57 -21.57	81.96 6.30 -18.95	69.03 6.56 0.00	61.67 5.20 0.00	56.83 3.87 0.00	49.33 3.48 0.00	43.26 3.46 0.00
RAVENSWOOD_GT2_4 24247	42.05 2.34 0.00	37.52 1.82 0.00	34.16 1.69 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.39 1.96 0.00	40.50 2.47 0.00	44.83 3.05 0.00	46.51 3.37 0.00	46.80 3.63 0.00	47.60 3.77 0.00	49.31 4.03 0.00	54.65 4.47 0.00	57.54 4.85 0.00	61.96 5.94 0.00	66.84 6.66 -3.70	74.44 6.78 -11.13	84.80 6.57 -21.57	81.96 6.30 -18.95	69.03 6.56 0.00	61.67 5.20 0.00	56.83 3.87 0.00	49.33 3.48 0.00	43.26 3.46 0.00
RAVENSWOOD_GT3_1 24248	42.05 2.34 0.00	37.52 1.82 0.00	34.13 1.66 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.39 1.96 0.00	40.47 2.43 0.00	44.83 3.05 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.55 3.73 0.00	49.26 3.98 0.00	54.60 4.42 0.00	57.49 4.79 0.00	61.90 5.88 0.00	66.84 6.66 -3.70	74.38 6.73 -11.13	84.80 6.57 -21.57	81.90 6.24 -18.95	69.03 6.56 0.00	61.62 5.14 0.00	56.83 3.87 0.00	49.28 3.44 0.00	43.26 3.46 0.00
RAVENSWOOD_GT3_2 24249	42.05 2.34 0.00	37.52 1.82 0.00	34.13 1.66 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.39 1.96 0.00	40.47 2.43 0.00	44.83 3.05 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.55 3.73 0.00	49.26 3.98 0.00	54.60 4.42 0.00	57.49 4.79 0.00	61.90 5.88 0.00	66.84 6.66 -3.70	74.38 6.73 -11.13	84.80 6.57 -21.57	81.90 6.24 -18.95	69.03 6.56 0.00	61.62 5.14 0.00	56.83 3.87 0.00	49.28 3.44 0.00	43.26 3.46 0.00
RAVENSWOOD_GT3_3 24250	42.09 2.38 0.00	37.55 1.86 0.00	34.19 1.72 0.00	31.97 1.87 0.00	31.54 1.95 0.00	36.42 2.00 0.00	40.54 2.51 0.00	44.87 3.09 0.00	46.55 3.41 0.00	46.84 3.67 0.00	47.64 3.81 0.00	49.35 4.08 0.00	54.70 4.52 0.00	57.59 4.90 0.00	62.07 6.05 0.00	66.95 6.78 -3.70	74.50 6.84 -11.13	84.91 6.69 -21.57	82.07 6.41 -18.95	69.16 6.68 0.00	61.73 5.25 0.00	56.88 3.92 0.00	49.37 3.53 0.00	43.34 3.54 0.00
RAVENSWOOD_GT3_4 24251	42.09 2.38 0.00	37.55 1.86 0.00	34.19 1.72 0.00	31.97 1.87 0.00	31.54 1.95 0.00	36.42 2.00 0.00	40.54 2.51 0.00	44.87 3.09 0.00	46.55 3.41 0.00	46.84 3.67 0.00	47.64 3.81 0.00	49.35 4.08 0.00	54.70 4.52 0.00	57.59 4.90 0.00	62.07 6.05 0.00	66.95 6.78 -3.70	74.50 6.84 -11.13	84.91 6.69 -21.57	82.07 6.41 -18.95	69.16 6.68 0.00	61.73 5.25 0.00	56.88 3.92 0.00	49.37 3.53 0.00	43.34 3.54 0.00
RAVENSWOOD_GT_1 23729	42.13 2.42 0.00	37.59 1.89 0.00	34.23 1.75 0.00	32.00 1.90 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.50 2.47 0.00	44.87 3.09 0.00	46.42 3.28 0.00	46.80 3.63 0.00	47.64 3.81 0.00	49.35 4.08 0.00	54.75 4.57 0.00	57.49 4.79 0.00	62.01 5.99 0.00	66.94 6.78 -3.68	74.38 6.73 -11.12	84.74 6.52 -21.57	81.79 6.13 -18.95	68.85 6.37 0.00	61.50 5.03 0.00	56.72 3.76 0.00	49.33 3.48 0.00	43.41 3.62 0.00
RAVENSWOOD_GT_10 24258	42.05 2.34 0.00	37.48 1.78 0.00	34.13 1.66 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.35 1.93 0.00	40.47 2.43 0.00	44.83 3.05 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.55 3.73 0.00	49.26 3.98 0.00	54.60 4.42 0.00	57.49 4.79 0.00	61.90 5.88 0.00	66.84 6.66 -3.70	74.38 6.73 -11.12	84.80 6.57 -21.57	81.90 6.24 -18.95	69.03 6.56 0.00	61.62 5.14 0.00	56.83 3.87 0.00	49.28 3.44 0.00	43.26 3.46 0.00
RAVENSWOOD_GT_11 24259	42.05 2.34 0.00	37.48 1.78 0.00	34.13 1.66 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.35 1.93 0.00	40.47 2.43 0.00	44.83 3.05 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.55 3.73 0.00	49.26 3.98 0.00	54.60 4.42 0.00	57.49 4.79 0.00	61.90 5.88 0.00	66.84 6.66 -3.70	74.38 6.73 -11.12	84.80 6.57 -21.57	81.90 6.24 -18.95	69.03 6.56 0.00	61.62 5.14 0.00	56.83 3.87 0.00	49.28 3.44 0.00	43.26 3.46 0.00
RAVENSWOOD_GT_4 24252	42.01 2.30 0.00	37.48 1.78 0.00	34.13 1.66 0.00	31.91 1.81 0.00	31.49 1.89 0.00	36.35 1.93 0.00	40.47 2.43 0.00	44.78 3.01 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.55 3.73 0.00	49.26 3.98 0.00	54.60 4.42 0.00	57.49 4.79 0.00	61.90 5.88 0.00	66.79 6.61 -3.71	74.39 6.73 -11.13	84.80 6.57 -21.57	81.96 6.30 -18.95	69.03 6.56 0.00	61.67 5.20 0.00	56.83 3.87 0.00	49.28 3.44 0.00	43.22 3.42 0.00
RAVENSWOOD_GT_5 24254	42.01 2.30 0.00	37.48 1.78 0.00	34.13 1.66 0.00	31.91 1.81 0.00	31.49 1.89 0.00	36.35 1.93 0.00	40.47 2.43 0.00	44.78 3.01 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.55 3.73 0.00	49.26 3.98 0.00	54.60 4.42 0.00	57.49 4.79 0.00	61.90 5.88 0.00	66.79 6.61 -3.71	74.39 6.73 -11.13	84.80 6.57 -21.57	81.96 6.30 -18.95	69.03 6.56 0.00	61.67 5.20 0.00	56.83 3.87 0.00	49.28 3.44 0.00	43.22 3.42 0.00
RAVENSWOOD_GT_6 24253	42.01 2.30 0.00	37.48 1.78 0.00	34.13 1.66 0.00	31.91 1.81 0.00	31.49 1.89 0.00	36.35 1.93 0.00	40.47 2.43 0.00	44.78 3.01 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.55 3.73 0.00	49.26 3.98 0.00	54.60 4.42 0.00	57.49 4.79 0.00	61.90 5.88 0.00	66.79 6.61 -3.71	74.39 6.73 -11.13	84.80 6.57 -21.57	81.96 6.30 -18.95	69.03 6.56 0.00	61.67 5.20 0.00	56.83 3.87 0.00	49.28 3.44 0.00	43.22 3.42 0.00
RAVENSWOOD_GT_7 24255	42.01 2.30 0.00	37.48 1.78 0.00	34.13 1.66 0.00	31.91 1.81 0.00	31.49 1.89 0.00	36.35 1.93 0.00	40.47 2.43 0.00	44.78 3.01 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.55 3.73 0.00	49.26 3.98 0.00	54.60 4.42 0.00	57.49 4.79 0.00	61.90 5.88 0.00	66.79 6.61 -3.71	74.39 6.73 -11.13	84.80 6.57 -21.57	81.96 6.30 -18.95	69.03 6.56 0.00	61.67 5.20 0.00	56.83 3.87 0.00	49.28 3.44 0.00	43.22 3.42 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.05 2.34 0.00	37.48 1.78 0.00	34.13 1.66 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.35 1.93 0.00	40.47 2.43 0.00	44.83 3.05 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.55 3.73 0.00	49.26 3.98 0.00	54.60 4.42 0.00	57.49 4.79 0.00	61.90 5.88 0.00	66.84 6.66 -3.70	74.38 6.73 -11.12	84.80 6.57 -21.57	81.90 6.24 -18.95	69.03 6.56 0.00	61.62 5.14 0.00	56.83 3.87 0.00	49.28 3.44 0.00	43.26 3.46 0.00
RAVENSWOOD_GT_9 24257	42.05 2.34 0.00	37.48 1.78 0.00	34.13 1.66 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.35 1.93 0.00	40.47 2.43 0.00	44.83 3.05 0.00	46.47 3.32 0.00	46.80 3.63 0.00	47.55 3.73 0.00	49.26 3.98 0.00	54.60 4.42 0.00	57.49 4.79 0.00	61.90 5.88 0.00	66.84 6.66 -3.70	74.38 6.73 -11.12	84.80 6.57 -21.57	81.90 6.24 -18.95	69.03 6.56 0.00	61.62 5.14 0.00	56.83 3.87 0.00	49.28 3.44 0.00	43.26 3.46 0.00

RAVENSWOOD___1 23533	42.13 2.42 0.00	37.59 1.89 0.00	34.23 1.75 0.00	32.00 1.90 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.50 2.47 0.00	44.87 3.09 0.00	46.47 3.32 0.00	46.75 3.58 0.00	47.64 3.81 0.00	49.36 4.08 0.00	54.75 4.57 0.00	57.49 4.79 0.00	61.79 5.77 0.00	66.88 6.72 -3.68	74.32 6.67 -11.12	84.74 6.51 -21.57	81.79 6.13 -18.95	68.85 6.38 0.00	61.50 5.02 0.00	56.78 3.82 0.00	49.37 3.53 0.00	43.45 3.66 0.00
RAVENSWOOD___2 23534	42.13 2.42 0.00	37.59 1.89 0.00	34.23 1.75 0.00	32.00 1.90 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.50 2.47 0.00	44.87 3.09 0.00	46.47 3.32 0.00	46.75 3.58 0.00	47.64 3.81 0.00	49.36 4.08 0.00	54.75 4.57 0.00	57.49 4.79 0.00	61.79 5.77 0.00	66.88 6.72 -3.68	74.32 6.67 -11.12	84.74 6.51 -21.57	81.79 6.13 -18.95	68.85 6.38 0.00	61.50 5.02 0.00	56.78 3.82 0.00	49.37 3.53 0.00	43.45 3.66 0.00
RAVENSWOOD___3 23535	42.05 2.34 0.00	37.52 1.82 0.00	34.13 1.66 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.38 1.96 0.00	40.47 2.44 0.00	44.82 3.05 0.00	46.47 3.32 0.00	46.75 3.58 0.00	47.55 3.72 0.00	49.26 3.99 0.00	54.60 4.42 0.00	57.44 4.74 0.00	61.74 5.72 0.00	66.83 6.66 -3.70	74.38 6.72 -11.13	84.80 6.57 -21.57	81.90 6.24 -18.95	69.03 6.56 0.00	61.61 5.14 0.00	56.83 3.86 0.00	49.32 3.48 0.00	43.33 3.54 0.00
RAVENSWOOD___4 23820	42.13 2.42 0.00	37.59 1.89 0.00	34.23 1.75 0.00	32.00 1.90 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.50 2.47 0.00	44.87 3.09 0.00	46.47 3.32 0.00	46.75 3.58 0.00	47.64 3.81 0.00	49.36 4.08 0.00	54.75 4.57 0.00	57.49 4.79 0.00	61.79 5.77 0.00	66.88 6.72 -3.68	74.32 6.67 -11.12	84.74 6.51 -21.57	81.79 6.13 -18.95	68.85 6.38 0.00	61.50 5.02 0.00	56.78 3.82 0.00	49.37 3.53 0.00	43.45 3.66 0.00
RCPL_TRUST___DRP 24196	42.09 2.38 0.00	37.55 1.86 0.00	34.16 1.69 0.00	31.97 1.87 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.58 2.55 0.00	44.91 3.13 0.00	46.60 3.45 0.00	46.88 3.71 0.00	47.68 3.86 0.00	49.40 4.12 0.00	54.75 4.57 0.00	57.65 4.95 0.00	62.12 6.11 0.00	66.95 6.78 -3.70	74.61 6.95 -11.13	84.97 6.74 -21.57	82.07 6.41 -18.95	69.16 6.68 0.00	61.78 5.31 0.00	56.94 3.97 0.00	49.33 3.48 0.00	43.30 3.50 0.00
RED___ROCHESTER 323720	39.31 -0.40 0.00	35.23 -0.47 0.00	31.79 -0.68 0.00	29.56 -0.54 0.00	28.97 -0.62 0.00	33.56 -0.86 0.00	37.01 -1.03 0.00	40.69 -1.09 0.00	41.76 -1.38 0.00	41.92 -1.25 0.00	42.69 -1.14 0.00	44.15 -1.13 0.00	48.93 -1.25 0.00	51.38 -1.32 0.00	54.17 -1.85 0.00	55.82 -1.13 -0.47	57.05 -0.91 -1.42	59.25 -0.17 -2.76	59.08 -0.06 -2.43	62.35 -0.12 0.00	56.59 0.11 0.00	52.54 -0.43 0.00	45.43 -0.41 0.00	39.83 0.04 0.00
REGAN___SOLAR 323812	42.89 3.18 0.00	38.41 2.71 0.00	34.84 2.37 0.00	32.42 2.32 0.00	31.87 2.28 0.00	37.18 2.75 0.00	41.00 2.97 0.00	45.07 3.30 0.00	46.42 3.28 0.00	46.19 3.02 0.00	46.76 2.94 0.00	48.31 3.03 0.00	53.64 3.46 0.00	56.49 3.80 0.00	59.94 3.92 0.00	65.23 4.18 -4.57	74.62 4.18 -13.90	88.03 4.42 -26.95	85.44 5.05 -23.68	68.47 6.00 0.00	62.01 5.54 0.00	57.89 4.93 0.00	49.92 4.08 0.00	43.33 3.54 0.00
RENSSELAER___COGEN 23796	40.34 0.63 0.00	36.13 0.43 0.00	33.09 0.62 0.00	30.88 0.78 0.00	30.33 0.74 0.00	35.11 0.69 0.00	38.83 0.80 0.00	42.65 0.88 0.00	44.14 0.99 0.00	44.16 0.99 0.00	44.84 1.01 0.00	46.41 1.13 0.00	51.48 1.30 0.00	54.12 1.42 0.00	57.36 1.34 0.00	62.34 1.69 -4.17	70.97 1.75 -12.69	83.07 1.81 -24.59	80.19 1.87 -21.61	64.47 2.00 0.00	57.94 1.47 0.00	53.92 0.95 0.00	46.67 0.83 0.00	40.63 0.84 0.00
REPUBLIC_115KV_BARTNBRK 55605	43.92 4.21 0.00	39.34 3.64 0.00	35.46 2.99 0.00	32.93 2.83 0.00	32.34 2.75 0.00	38.04 3.61 0.00	41.87 3.84 0.00	46.29 4.51 0.00	47.67 4.53 0.00	47.40 4.23 0.00	47.95 4.12 0.00	49.49 4.21 0.00	55.25 5.07 0.00	58.28 5.59 0.00	61.73 5.71 0.00	66.46 5.70 -4.28	75.22 5.65 -13.04	88.34 6.40 -25.28	85.78 6.86 -22.21	70.47 8.00 0.00	63.82 7.34 0.00	60.06 7.10 0.00	51.57 5.73 0.00	44.49 4.70 0.00
REVERE_CPPR_DRP 24186	41.14 1.43 0.00	36.95 1.25 0.00	33.51 1.04 0.00	31.03 0.93 0.00	30.45 0.86 0.00	35.52 1.10 0.00	39.29 1.26 0.00	43.32 1.55 0.00	44.52 1.38 0.00	44.51 1.34 0.00	45.32 1.49 0.00	46.64 1.36 0.00	51.69 1.51 0.00	54.17 1.48 0.00	57.81 1.79 0.00	58.42 1.75 -0.20	59.00 1.87 -0.60	59.86 2.04 -1.16	59.89 2.16 -1.02	65.16 2.69 0.00	58.90 2.43 0.00	55.03 2.07 0.00	47.58 1.74 0.00	41.11 1.31 0.00
REYNLDPA_13_KV_LD 356490	40.22 0.52 0.00	36.16 0.46 0.00	32.80 0.32 0.00	30.19 0.09 0.00	29.68 0.09 0.00	34.70 0.28 0.00	38.11 0.08 0.00	41.94 0.17 0.00	43.36 0.22 0.00	43.30 0.13 0.00	43.91 0.09 0.00	45.23 -0.05 0.00	50.18 0.00 0.00	52.64 -0.05 0.00	55.68 -0.34 0.00	55.80 -0.68 0.00	55.75 -0.91 0.00	55.75 -0.96 0.00	61.41 -1.06 0.00	55.80 -0.68 0.00	52.91 -0.05 0.00	45.75 -0.09 0.00	39.52 -0.28 0.00	
REYNOLDS_115KV_TB3 80639	40.66 0.95 0.00	36.41 0.71 0.00	33.35 0.88 0.00	31.12 1.02 0.00	30.57 0.98 0.00	35.35 0.93 0.00	39.13 1.10 0.00	43.03 1.25 0.00	44.52 1.38 0.00	44.51 1.34 0.00	45.23 1.40 0.00	46.82 1.54 0.00	51.89 1.71 0.00	54.59 1.90 0.00	58.09 2.07 0.00	62.96 2.32 -4.17	71.61 2.37 -12.71	83.78 2.49 -24.63	80.91 2.55 -21.64	65.22 2.75 0.00	58.62 2.15 0.00	54.50 1.54 0.00	47.22 1.38 0.00	41.15 1.35 0.00
RIVERBAY____ 323610	42.69 2.98 -0.01	38.13 2.43 -0.01	34.69 2.21 -0.01	32.45 2.35 -0.01	32.03 2.43 -0.01	36.91 2.48 -0.01	40.96 2.93 0.00	45.33 3.55 0.00	46.68 3.54 0.00	47.01 3.84 0.00	48.03 4.21 0.00	49.76 4.48 0.00	55.30 5.12 0.00	57.96 5.27 0.00	62.68 6.67 0.00	67.63 7.45 -3.70	75.13 7.46 -11.13	85.54 7.31 -21.58	82.59 6.92 -18.96	69.73 7.25 -0.01	62.24 5.76 0.00	57.47 4.50 -0.01	50.02 4.17 -0.01	43.98 4.18 -0.01
RIVERSDE_115KV_TB3 55908	40.54 0.83 0.00	36.30 0.61 0.00	33.25 0.78 0.00	31.00 0.90 0.00	30.48 0.89 0.00	35.25 0.83 0.00	39.02 0.99 0.00	42.90 1.13 0.00	44.40 1.25 0.00	44.38 1.21 0.00	45.05 1.23 0.00	46.68 1.40 0.00	51.79 1.61 0.00	54.43 1.74 0.00	57.92 1.90 0.00	62.80 2.15 -4.18	71.41 2.15 -12.73	83.60 2.27 -24.67	80.66 2.27 -21.68	64.91 2.44 0.00	58.34 1.86 0.00	54.34 1.38 0.00	47.03 1.19 0.00	40.95 1.15 0.00
ROARING___BROOK_WT_PWR 323790	39.55 -0.16 0.00	35.48 -0.21 0.00	32.21 -0.26 0.00	29.77 -0.33 0.00	29.24 -0.35 0.00	33.97 -0.45 0.00	37.46 -0.57 0.00	41.15 -0.63 0.00	42.45 -0.69 0.00	42.44 -0.73 0.00	43.04 -0.79 0.00	44.42 -0.86 0.00	49.23 -0.95 0.00	51.69 -1.00 0.00	54.90 -1.12 0.00	55.23 -1.24 0.00	55.34 -1.19 0.00	55.41 -1.25 0.00	55.52 -1.19 0.00	61.16 -1.31 0.00	55.40 -1.07 0.00	52.11 -0.85 0.00	45.11 -0.74 0.00	39.12 -0.68 0.00

ROCHESRG_115KV_T4 355643	38.79 -0.91 0.00	34.80 -0.89 0.00	31.47 -1.01 0.00	29.26 -0.84 0.00	28.67 -0.92 0.00	33.18 -1.24 0.00	36.62 -1.41 0.00	40.19 -1.59 0.00	41.20 -1.94 0.00	41.36 -1.81 0.00	42.07 -1.75 0.00	43.47 -1.81 0.00	48.17 -2.01 0.00	50.48 -2.21 0.00	53.72 -2.30 0.00	54.97 -1.98 -0.47	56.19 -1.75 -1.41	58.32 -1.08 -2.74	58.16 -0.96 -2.41	61.35 -1.12 0.00	55.63 -0.85 0.00	51.69 -1.27 0.00	44.79 -1.05 0.00	39.32 -0.48 0.00
ROCHESTER_9_IC 23652	39.11 -0.60 0.00	35.09 -0.61 0.00	31.66 -0.81 0.00	29.44 -0.66 0.00	28.85 -0.74 0.00	33.42 -1.00 0.00	36.85 -1.18 0.00	40.48 -1.30 0.00	41.55 -1.60 0.00	41.70 -1.47 0.00	42.47 -1.36 0.00	43.87 -1.40 0.00	48.57 -1.61 0.00	50.90 -1.79 0.00	54.23 -1.79 0.00	55.53 -1.41 -0.47	56.71 -1.24 -1.43	58.86 -0.57 -2.76	58.69 -0.45 -2.43	61.91 -0.56 0.00	56.19 -0.28 0.00	52.22 -0.74 0.00	45.15 -0.69 0.00	39.63 -0.16 0.00
ROCKVIEW_13_KV_LD 356306	42.05 2.34 0.00	37.48 1.78 0.00	34.13 1.66 0.00	31.94 1.84 0.00	31.51 1.92 0.00	36.35 1.93 0.00	40.47 2.43 0.00	44.78 3.01 0.00	46.47 3.32 0.00	46.75 3.58 0.00	47.55 3.73 0.00	49.26 3.98 0.00	54.65 4.47 0.00	57.59 4.90 0.00	62.01 5.99 0.00	66.95 6.78 -3.70	74.55 6.90 -11.13	85.02 6.80 -21.57	82.19 6.52 -18.95	69.35 6.87 0.00	61.90 5.42 0.00	57.04 4.08 0.00	49.37 3.53 0.00	43.26 3.46 0.00
ROME____115KV_TB2 80656	41.14 1.43 0.00	36.95 1.25 0.00	33.51 1.04 0.00	31.03 0.93 0.00	30.45 0.86 0.00	35.52 1.10 0.00	39.29 1.26 0.00	43.32 1.55 0.00	44.52 1.38 0.00	44.51 1.34 0.00	45.32 1.49 0.00	46.64 1.36 0.00	51.69 1.51 0.00	54.17 1.48 0.00	57.81 1.79 0.00	58.42 1.75 -0.20	59.00 1.87 -0.60	59.86 2.04 -1.16	59.89 2.16 -1.02	65.16 2.69 0.00	58.90 2.43 0.00	55.03 2.07 0.00	47.58 1.74 0.00	41.11 1.31 0.00
ROSETON___1 23587	41.45 1.75 0.00	37.02 1.32 0.00	33.74 1.27 0.00	31.57 1.47 0.00	31.10 1.51 0.00	35.90 1.48 0.00	39.89 1.86 0.00	44.07 2.30 0.00	45.69 2.54 0.00	45.85 2.68 0.00	46.59 2.76 0.00	48.27 2.99 0.00	53.44 3.26 0.00	56.22 3.53 0.00	60.22 4.20 0.00	65.14 4.97 -3.69	72.68 5.03 -11.12	83.20 4.99 -21.56	80.47 4.82 -18.94	67.60 5.12 0.00	60.49 4.01 0.00	55.93 2.96 0.00	48.50 2.66 0.00	42.46 2.67 0.00
ROSETON___2 23588	41.45 1.75 0.00	37.02 1.32 0.00	33.74 1.27 0.00	31.57 1.47 0.00	31.10 1.51 0.00	35.90 1.48 0.00	39.89 1.86 0.00	44.07 2.30 0.00	45.69 2.54 0.00	45.85 2.68 0.00	46.59 2.76 0.00	48.27 2.99 0.00	53.44 3.26 0.00	56.22 3.53 0.00	60.22 4.20 0.00	65.14 4.97 -3.69	72.68 5.03 -11.12	83.20 4.99 -21.56	80.47 4.82 -18.94	67.60 5.12 0.00	60.49 4.01 0.00	55.93 2.96 0.00	48.50 2.66 0.00	42.46 2.67 0.00
ROTRRDAM_115KV_TB3 80664	40.86 1.15 0.00	36.62 0.93 0.00	33.38 0.91 0.00	31.09 0.99 0.00	30.57 0.98 0.00	35.46 1.03 0.00	39.21 1.18 0.00	43.15 1.38 0.00	44.57 1.42 0.00	44.55 1.38 0.00	45.23 1.40 0.00	46.73 1.45 0.00	51.84 1.66 0.00	54.54 1.84 0.00	58.15 2.13 0.00	63.11 2.32 -4.32	72.05 2.37 -13.14	84.63 2.49 -25.48	81.71 2.61 -22.38	65.41 2.94 0.00	58.90 2.43 0.00	54.92 1.96 0.00	47.54 1.70 0.00	41.39 1.59 0.00
RUSSELL___1 23602	39.31 -0.40 0.00	35.23 -0.46 0.00	31.79 -0.68 0.00	29.56 -0.54 0.00	28.97 -0.62 0.00	33.56 -0.86 0.00	37.00 -1.03 0.00	40.69 -1.09 0.00	41.76 -1.38 0.00	41.92 -1.25 0.00	42.69 -1.14 0.00	44.15 -1.13 0.00	48.88 -1.30 0.00	51.22 -1.48 0.00	54.56 -1.46 0.00	55.93 -1.02 -0.47	57.05 -0.90 -1.42	59.25 -0.17 -2.76	59.08 -0.06 -2.43	62.35 -0.12 0.00	56.59 0.11 0.00	52.54 -0.42 0.00	45.48 -0.37 0.00	39.83 0.04 0.00
RUSSELL___2 23532	39.31 -0.40 0.00	35.23 -0.46 0.00	31.79 -0.68 0.00	29.56 -0.54 0.00	28.97 -0.62 0.00	33.56 -0.86 0.00	37.00 -1.03 0.00	40.69 -1.09 0.00	41.76 -1.38 0.00	41.92 -1.25 0.00	42.69 -1.14 0.00	44.15 -1.13 0.00	48.88 -1.30 0.00	51.22 -1.48 0.00	54.56 -1.46 0.00	55.93 -1.02 -0.47	57.05 -0.90 -1.42	59.25 -0.17 -2.76	59.08 -0.06 -2.43	62.35 -0.12 0.00	56.59 0.11 0.00	52.54 -0.42 0.00	45.48 -0.37 0.00	39.83 0.04 0.00
RUSSELL___3 23549	39.31 -0.40 0.00	35.23 -0.46 0.00	31.79 -0.68 0.00	29.56 -0.54 0.00	28.97 -0.62 0.00	33.56 -0.86 0.00	37.00 -1.03 0.00	40.69 -1.09 0.00	41.76 -1.38 0.00	41.92 -1.25 0.00	42.69 -1.14 0.00	44.15 -1.13 0.00	48.88 -1.30 0.00	51.22 -1.48 0.00	54.56 -1.46 0.00	55.93 -1.02 -0.47	57.05 -0.90 -1.42	59.25 -0.17 -2.76	59.08 -0.06 -2.43	62.35 -0.12 0.00	56.59 0.11 0.00	52.54 -0.42 0.00	45.48 -0.37 0.00	39.83 0.04 0.00
RUSSELL___4 23556	39.31 -0.40 0.00	35.23 -0.46 0.00	31.79 -0.68 0.00	29.56 -0.54 0.00	28.97 -0.62 0.00	33.56 -0.86 0.00	37.00 -1.03 0.00	40.69 -1.09 0.00	41.76 -1.38 0.00	41.92 -1.25 0.00	42.69 -1.14 0.00	44.15 -1.13 0.00	48.88 -1.30 0.00	51.22 -1.48 0.00	54.56 -1.46 0.00	55.93 -1.02 -0.47	57.05 -0.90 -1.42	59.25 -0.17 -2.76	59.08 -0.06 -2.43	62.35 -0.12 0.00	56.59 0.11 0.00	52.54 -0.42 0.00	45.48 -0.37 0.00	39.83 0.04 0.00
RUSSELL___STATION 23914	39.31 -0.40 0.00	35.23 -0.46 0.00	31.79 -0.68 0.00	29.56 -0.54 0.00	28.97 -0.62 0.00	33.56 -0.86 0.00	37.00 -1.03 0.00	40.69 -1.09 0.00	41.76 -1.38 0.00	41.92 -1.25 0.00	42.69 -1.14 0.00	44.15 -1.13 0.00	48.88 -1.30 0.00	51.22 -1.48 0.00	54.56 -1.46 0.00	55.93 -1.02 -0.47	57.05 -0.90 -1.42	59.25 -0.17 -2.76	59.08 -0.06 -2.43	62.35 -0.12 0.00	56.59 0.11 0.00	52.54 -0.42 0.00	45.48 -0.37 0.00	39.83 0.04 0.00
S SALMON___HYD 24043	39.63 -0.08 0.00	35.70 0.00 0.00	32.41 -0.06 0.00	30.04 -0.06 0.00	29.47 -0.12 0.00	34.29 -0.14 0.00	37.96 -0.08 0.00	41.61 -0.17 0.00	42.84 -0.30 0.00	42.82 -0.35 0.00	43.57 -0.26 0.00	44.96 -0.31 0.00	49.78 -0.40 0.00	52.11 -0.58 0.00	55.40 -0.61 0.00	56.31 -0.45 -0.28	57.06 -0.34 -0.86	58.10 -0.23 -1.67	57.96 -0.23 -1.47	62.47 0.00 0.00	56.48 0.00 0.00	52.86 -0.11 0.00	45.84 0.00 0.00	39.71 -0.08 0.00
S.PERRY__115KV_TB1 80734	40.10 0.40 0.00	35.84 0.14 0.00	32.21 -0.26 0.00	29.92 -0.18 0.00	29.33 -0.27 0.00	33.98 -0.45 0.00	38.86 -0.49 -1.32	64.91 -1.84 -24.97	41.81 -1.34 0.00	41.70 -1.47 0.00	42.25 -1.58 0.00	43.56 -1.72 0.00	48.12 -2.06 0.00	50.37 -2.32 0.00	53.72 -2.30 0.00	55.28 -1.81 -0.61	56.98 -1.41 -1.86	59.81 -0.45 -3.60	59.94 0.06 -3.17	63.41 0.94 0.00	57.72 1.24 0.00	53.81 0.85 0.00	46.21 0.37 0.00	41.86 2.07 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.00 -1.71 0.00	33.98 -1.71 0.00	30.59 -1.88 0.00	28.50 -1.60 0.00	27.93 -1.66 0.00	32.15 -2.27 0.00	34.96 -2.74 0.33	32.56 -3.01 6.21	39.26 -3.88 0.00	39.54 -3.63 0.00	40.28 -3.55 0.00	41.57 -3.71 0.00	46.02 -4.16 0.00	48.21 -4.48 0.00	51.26 -4.76 0.00	52.28 -4.80 -0.60	54.01 -4.35 -1.83	56.76 -3.46 -3.55	56.60 -3.23 -3.12	59.29 -3.19 0.00	53.93 -2.54 0.00	49.95 -3.02 0.00	43.64 -2.20 0.00	38.60 -1.19 0.00

SAWYER___23_KV_LOAD 55526	38.00 -1.71 0.00	33.98 -1.71 0.00	30.59 -1.88 0.00	28.50 -1.60 0.00	27.93 -1.66 0.00	32.15 -2.27 0.00	34.96 -2.74 0.33	32.56 -3.01 6.21	39.26 -3.88 0.00	39.54 -3.63 0.00	40.28 -3.55 0.00	41.57 -3.71 0.00	46.02 -4.16 0.00	48.21 -4.48 0.00	51.26 -4.76 0.00	52.28 -4.80 -0.60	54.01 -4.35 -1.83	56.76 -3.46 -3.55	56.60 -3.23 -3.12	59.29 -3.19 0.00	53.93 -2.54 0.00	49.95 -3.02 0.00	43.64 -2.20 0.00	38.60 -1.19 0.00
SELKIRK___I 23801	40.66 0.95 0.00	36.45 0.75 0.00	33.29 0.81 0.00	31.06 0.96 0.00	30.51 0.92 0.00	35.32 0.89 0.00	39.02 0.99 0.00	42.86 1.08 0.00	44.22 1.08 0.00	44.20 1.03 0.00	44.84 1.01 0.00	46.36 1.08 0.00	51.44 1.26 0.00	54.06 1.37 0.00	56.23 0.22 0.02	61.00 0.56 -3.96	68.68 0.62 -11.53	77.39 0.73 -20.00	75.36 0.79 -17.85	63.35 0.87 0.00	57.04 0.56 0.00	53.18 0.21 0.00	46.03 0.18 0.00	40.11 0.32 0.00
SELKIRK___II 23799	40.46 0.75 0.00	36.23 0.54 0.00	33.16 0.68 0.00	30.91 0.81 0.00	30.39 0.80 0.00	35.18 0.76 0.00	38.91 0.88 0.00	42.78 1.00 0.00	44.22 1.08 0.00	44.25 1.08 0.00	44.92 1.10 0.00	46.50 1.22 0.00	51.58 1.40 0.00	54.22 1.53 0.00	57.02 1.06 0.06	61.42 1.41 -3.54	66.91 1.47 -8.91	66.91 1.47 -8.78	66.91 1.47 -8.72	64.10 1.62 0.00	57.60 1.13 0.00	53.60 0.64 0.00	46.44 0.59 0.00	40.43 0.63 0.00
SENECA OSWGO___HYD 24041	38.68 -1.03 0.00	34.91 -0.79 0.00	31.73 -0.75 0.00	29.47 -0.63 0.00	28.97 -0.62 0.00	33.63 -0.79 0.00	37.27 -0.76 0.00	40.82 -0.96 0.00	42.11 -1.04 0.00	42.18 -0.99 0.00	42.82 -1.01 0.00	44.28 -1.00 0.00	49.08 -1.10 0.00	51.48 -1.21 0.00	54.67 -1.34 0.00	55.66 -1.13 -0.31	56.40 -1.08 -0.95	57.59 -0.91 -1.84	57.48 -0.85 -1.61	61.60 -0.87 0.00	55.57 -0.91 0.00	51.91 -1.06 0.00	44.88 -0.96 0.00	39.04 -0.76 0.00
SENECA___115KV_TB3 355854	38.28 -1.43 0.00	34.20 -1.50 0.00	30.72 -1.75 0.00	28.65 -1.44 0.00	28.05 -1.54 0.00	32.32 -2.10 0.00	35.09 -2.55 0.39	31.68 -2.76 7.34	39.52 -3.62 0.00	39.80 -3.37 0.00	40.50 -3.33 0.00	41.84 -3.44 0.00	46.27 -3.91 0.00	48.53 -4.16 0.00	51.59 -4.43 0.00	52.48 -4.63 -0.64	54.33 -4.13 -1.93	57.16 -3.23 -3.73	56.99 -3.01 -3.28	59.85 -2.62 0.00	54.44 -2.03 0.00	50.42 -2.54 0.00	44.10 -1.74 0.00	38.92 -0.88 0.00
SENECA___ENERGY 23797	39.35 -0.36 0.00	35.37 -0.32 0.00	32.02 -0.45 0.00	29.80 -0.30 0.00	29.27 -0.32 0.00	33.97 -0.45 0.00	37.82 -0.31 -0.09	43.18 -0.29 -1.70	42.84 -0.30 0.00	42.91 -0.26 0.00	43.61 -0.22 0.00	45.05 -0.23 0.00	49.88 -0.30 0.00	52.43 -0.26 0.00	55.57 -0.45 0.00	56.86 -0.11 -0.50	58.15 0.11 -1.50	60.02 0.45 -2.91	59.90 0.63 -2.56	63.41 0.94 0.00	57.27 0.79 0.00	53.34 0.37 0.00	45.93 0.09 0.00	40.03 0.24 0.00
SHOEMAKER___GT 23640	41.34 1.63 0.00	36.98 1.28 0.00	33.64 1.17 0.00	31.48 1.39 0.00	31.01 1.42 0.00	35.83 1.41 0.00	39.78 1.75 0.00	43.95 2.17 0.00	45.52 2.37 0.00	45.63 2.46 0.00	46.32 2.50 0.00	47.99 2.72 0.00	53.19 3.01 0.00	56.01 3.32 0.00	59.94 3.92 0.00	64.57 4.57 -3.52	71.81 4.69 -10.59	81.78 4.59 -20.53	79.18 4.43 -18.04	67.29 4.81 0.00	60.26 3.78 0.00	55.82 2.86 0.00	48.36 2.52 0.00	42.30 2.51 0.00
SHOEMAKR_138KV_BK 111 55601	41.34 1.63 0.00	36.95 1.25 0.00	33.64 1.17 0.00	31.45 1.35 0.00	31.01 1.42 0.00	35.83 1.41 0.00	39.78 1.75 0.00	43.95 2.17 0.00	45.52 2.37 0.00	45.67 2.50 0.00	46.37 2.54 0.00	48.04 2.76 0.00	53.24 3.06 0.00	56.06 3.37 0.00	60.16 4.15 0.00	64.61 4.63 -3.51	71.83 4.75 -10.55	81.76 4.65 -20.46	79.17 4.48 -17.97	67.35 4.87 0.00	60.32 3.84 0.00	55.77 2.81 0.00	48.32 2.48 0.00	42.26 2.47 0.00
SHOREHAM_IC_1 23715	42.25 2.34 -0.20	37.42 1.71 -0.01	33.94 1.46 0.00	31.94 1.84 -0.01	31.55 1.95 -0.01	36.11 1.69 0.00	40.43 2.40 0.00	44.66 2.88 0.00	46.12 2.97 0.00	46.80 3.63 0.00	46.37 2.54 0.00	48.22 2.94 0.00	54.30 4.12 0.00	59.03 4.58 -1.76	63.49 6.11 -1.37	69.76 6.83 -6.46	76.12 7.01 -12.58	87.57 6.85 -24.06	83.87 6.86 -20.30	70.57 7.06 -1.04	64.50 6.66 -1.36	57.41 4.45 0.00	48.19 3.99 1.64	43.73 3.94 0.00
SHOREHAM_IC_2 23716	42.25 2.34 -0.20	37.42 1.71 -0.01	33.93 1.46 0.00	31.94 1.84 -0.01	31.55 1.95 -0.01	36.11 1.69 0.00	40.43 2.40 0.00	44.66 2.88 0.00	46.03 2.89 0.00	46.58 3.41 0.00	46.41 2.59 0.00	48.26 2.99 0.00	54.29 4.11 0.00	59.24 4.79 -1.76	63.15 5.77 -1.37	69.54 6.61 -6.46	76.12 7.01 -12.58	87.68 6.97 -24.06	83.76 6.75 -20.30	70.57 7.06 -1.04	64.50 6.66 -1.36	57.89 4.93 0.00	48.19 3.99 1.64	43.57 3.78 0.00
SISSONVILLE____ 23735	40.66 0.95 0.00	36.59 0.89 0.00	33.06 0.58 0.00	30.37 0.27 0.00	29.80 0.21 0.00	35.01 0.59 0.00	38.41 0.38 0.00	42.32 0.54 0.00	43.62 0.47 0.00	43.51 0.35 0.00	44.13 0.31 0.00	45.32 0.05 0.00	50.23 0.05 0.00	52.64 -0.05 0.00	55.68 -0.34 0.00	55.69 -0.85 -0.06	55.86 -0.85 -0.18	55.53 -1.47 -0.34	55.54 -1.47 -0.30	60.98 -1.50 0.00	55.52 -0.96 0.00	52.65 -0.32 0.00	45.80 -0.05 0.00	39.52 -0.28 0.00
SITHE_IND_GS1 24169	38.40 -1.31 0.00	34.73 -0.96 0.00	31.56 -0.91 0.00	29.32 -0.78 0.00	28.79 -0.80 0.00	33.42 -1.00 0.00	37.01 -1.03 0.00	40.40 -1.38 0.00	41.68 -1.47 0.00	41.75 -1.42 0.00	42.42 -1.40 0.00	43.83 -1.45 0.00	48.57 -1.61 0.00	51.00 -1.69 0.00	54.17 -1.85 0.00	55.03 -1.69 -0.25	55.64 -1.64 -0.75	56.64 -1.47 -1.45	56.52 -1.47 -1.28	60.92 -1.56 0.00	55.01 -1.47 0.00	51.38 -1.59 0.00	44.47 -1.37 0.00	38.68 -1.11 0.00
SITHE_IND_GS2 24170	38.40 -1.31 0.00	34.73 -0.96 0.00	31.56 -0.91 0.00	29.32 -0.78 0.00	28.79 -0.80 0.00	33.42 -1.00 0.00	37.01 -1.03 0.00	40.40 -1.38 0.00	41.68 -1.47 0.00	41.75 -1.42 0.00	42.42 -1.40 0.00	43.83 -1.45 0.00	48.57 -1.61 0.00	51.00 -1.69 0.00	54.17 -1.85 0.00	55.03 -1.69 -0.25	55.64 -1.64 -0.75	56.64 -1.47 -1.45	56.52 -1.47 -1.28	60.92 -1.56 0.00	55.01 -1.47 0.00	51.38 -1.59 0.00	44.47 -1.37 0.00	38.68 -1.11 0.00
SITHE_IND_GS3 24171	38.40 -1.31 0.00	34.73 -0.96 0.00	31.56 -0.91 0.00	29.32 -0.78 0.00	28.79 -0.80 0.00	33.42 -1.00 0.00	37.01 -1.03 0.00	40.40 -1.38 0.00	41.68 -1.47 0.00	41.75 -1.42 0.00	42.42 -1.40 0.00	43.83 -1.45 0.00	48.57 -1.61 0.00	51.00 -1.69 0.00	54.17 -1.85 0.00	55.03 -1.69 -0.25	55.64 -1.64 -0.75	56.64 -1.47 -1.45	56.52 -1.47 -1.28	60.92 -1.56 0.00	55.01 -1.47 0.00	51.38 -1.59 0.00	44.47 -1.37 0.00	38.68 -1.11 0.00
SITHE_IND_GS4 24172	38.40 -1.31 0.00	34.73 -0.96 0.00	31.56 -0.91 0.00	29.32 -0.78 0.00	28.79 -0.80 0.00	33.42 -1.00 0.00	37.01 -1.03 0.00	40.40 -1.38 0.00	41.68 -1.47 0.00	41.75 -1.42 0.00	42.42 -1.40 0.00	43.83 -1.45 0.00	48.57 -1.61 0.00	51.00 -1.69 0.00	54.17 -1.85 0.00	55.03 -1.69 -0.25	55.64 -1.64 -0.75	56.64 -1.47 -1.45	56.52 -1.47 -1.28	60.92 -1.56 0.00	55.01 -1.47 0.00	51.38 -1.59 0.00	44.47 -1.37 0.00	38.68 -1.11 0.00

SITHE___BATAVIA 24024	39.47 -0.24 0.00	35.23 -0.47 0.00	31.69 -0.78 0.00	29.56 -0.54 0.00	28.94 -0.65 0.00	33.42 -1.00 0.00	36.61 -1.22 0.20	36.92 -1.13 3.73	41.16 -1.98 0.00	41.31 -1.86 0.00	42.03 -1.80 0.00	43.38 -1.90 0.00	48.02 -2.16 0.00	50.43 -2.26 0.00	52.94 -3.08 0.00	54.58 -2.43 -0.54	56.17 -1.98 -1.62	58.84 -0.96 -3.15	58.86 -0.62 -2.77	62.10 -0.37 0.00	56.53 0.06 0.00	52.33 -0.63 0.00	45.43 -0.41 0.00	39.99 0.20 0.00
SITHE___INDEPEND 23800	38.40 -1.31 0.00	34.73 -0.96 0.00	31.56 -0.91 0.00	29.32 -0.78 0.00	28.79 -0.80 0.00	33.42 -1.00 0.00	37.00 -1.03 0.00	40.40 -1.38 0.00	41.68 -1.47 0.00	41.74 -1.42 0.00	42.42 -1.40 0.00	43.83 -1.45 0.00	48.57 -1.61 0.00	50.95 -1.74 0.00	54.28 -1.74 0.00	55.09 -1.64 -0.25	55.64 -1.64 -0.75	56.64 -1.47 -1.45	56.52 -1.47 -1.28	60.91 -1.56 0.00	55.01 -1.47 0.00	51.38 -1.59 0.00	44.47 -1.38 0.00	38.68 -1.11 0.00
SITHE___MASSENA 23902	40.34 0.63 0.00	36.27 0.57 0.00	32.86 0.39 0.00	30.22 0.12 0.00	29.68 0.09 0.00	34.80 0.38 0.00	38.18 0.15 0.00	42.03 0.25 0.00	43.40 0.26 0.00	43.34 0.17 0.00	43.96 0.13 0.00	45.23 -0.05 0.00	50.13 -0.05 0.00	52.59 -0.11 0.00	55.85 -0.17 0.00	55.74 -0.74 0.00	55.80 -0.74 0.00	55.64 -1.02 0.00	55.64 -1.08 0.00	61.29 -1.19 0.00	55.74 -0.74 0.00	52.86 -0.11 0.00	45.75 -0.09 0.00	39.52 -0.28 0.00
SITHE___OGDNSBRG 24021	41.06 1.35 0.00	36.91 1.21 0.00	33.38 0.91 0.00	30.61 0.51 0.00	30.09 0.50 0.00	35.39 0.96 0.00	38.75 0.72 0.00	42.65 0.88 0.00	43.88 0.73 0.00	43.73 0.56 0.00	44.31 0.48 0.00	45.50 0.23 0.00	50.48 0.30 0.00	52.90 0.21 0.00	56.02 0.00 0.00	55.97 -0.51 0.00	56.14 -0.40 0.00	55.81 -0.85 0.00	55.98 -0.74 0.00	61.91 -0.56 0.00	56.42 -0.06 0.00	53.60 0.64 0.00	46.44 0.60 0.00	39.95 0.16 0.00
SITHE___STERLING 23777	40.70 0.99 0.00	36.59 0.89 0.00	33.19 0.71 0.00	30.79 0.69 0.00	30.24 0.65 0.00	35.22 0.79 0.00	38.98 0.95 0.00	42.94 1.17 0.00	44.18 1.03 0.00	44.20 1.03 0.00	44.96 1.14 0.00	46.36 1.08 0.00	51.34 1.16 0.00	53.85 1.16 0.00	57.31 1.29 0.00	58.12 1.41 -0.23	58.76 1.53 -0.70	59.71 1.70 -1.35	59.66 1.76 -1.19	64.72 2.25 0.00	58.45 1.98 0.00	54.61 1.64 0.00	47.17 1.33 0.00	40.87 1.07 0.00
SLEIGHT__34_KV_TB1 80719	38.95 -0.75 0.00	34.98 -0.71 0.00	31.66 -0.81 0.00	29.41 -0.69 0.00	28.85 -0.74 0.00	33.49 -0.93 0.00	37.08 -0.95 0.00	40.77 -1.00 0.00	41.98 -1.16 0.00	42.09 -1.08 0.00	42.82 -1.01 0.00	44.24 -1.04 0.00	49.03 -1.15 0.00	51.37 -1.32 0.00	54.73 -1.29 0.00	55.92 -1.02 -0.46	57.02 -0.90 -1.39	58.96 -0.40 -2.69	58.80 -0.28 -2.37	62.10 -0.37 0.00	56.19 -0.28 0.00	52.33 -0.64 0.00	45.15 -0.69 0.00	39.44 -0.36 0.00
SMITHTWN_69_KV_BK 1 55830	42.73 2.82 -0.20	37.88 2.18 -0.01	34.39 1.92 0.00	32.37 2.26 -0.01	31.94 2.34 -0.01	36.63 2.20 0.00	40.96 2.93 0.00	45.28 3.51 0.00	46.64 3.49 0.00	47.18 4.01 0.00	47.03 3.20 0.00	48.94 3.67 0.00	55.05 4.87 0.00	60.05 5.53 -1.82	63.82 6.39 -1.42	70.21 7.17 -6.56	76.68 7.52 -12.63	88.23 7.42 -24.15	84.26 7.20 -20.35	71.11 7.56 -1.08	64.28 6.38 -1.42	57.78 4.82 0.00	48.47 4.17 1.54	44.05 4.26 0.00
SOUTH CAIRO___GT 23612	41.53 1.83 0.00	37.20 1.50 0.00	33.90 1.43 0.00	31.60 1.50 0.00	31.04 1.45 0.00	36.11 1.69 0.00	39.89 1.86 0.00	43.78 2.01 0.00	45.22 2.07 0.00	44.94 1.77 0.00	45.40 1.58 0.00	47.04 1.77 0.00	52.24 2.06 0.00	55.01 2.32 0.00	58.29 2.30 0.02	62.74 2.43 -3.83	70.29 2.77 -10.99	77.86 2.89 -18.32	76.28 3.12 -16.45	65.85 3.37 0.00	59.41 2.94 0.00	55.40 2.44 0.00	47.81 1.97 0.00	41.43 1.63 0.00
SOUTH HAMPTN___IC 23720	43.08 3.18 -0.20	38.06 2.36 -0.01	34.45 1.98 0.00	32.46 2.35 -0.01	32.03 2.43 -0.01	36.66 2.24 0.00	41.03 3.00 0.00	45.37 3.59 0.00	46.98 3.84 0.00	47.83 4.66 0.00	47.46 3.64 0.00	49.39 4.12 0.00	55.70 5.52 0.00	60.59 6.16 -1.74	65.21 7.84 -1.35	71.48 8.58 -6.42	77.91 8.82 -12.56	89.35 8.67 -24.03	85.56 8.56 -20.28	72.31 8.81 -1.03	65.72 7.91 -1.34	58.52 5.56 0.00	48.98 4.81 1.67	44.56 4.77 0.00
SOUTHDOW_115KV_TB1 355954	38.52 -1.19 0.00	34.20 -1.50 0.00	30.62 -1.85 0.00	28.50 -1.60 0.00	27.96 -1.63 0.00	32.19 -2.24 0.00	35.21 -2.62 0.19	35.55 -2.59 3.64	39.82 -3.32 0.00	40.10 -3.07 0.00	40.89 -2.94 0.00	42.24 -3.03 0.00	46.82 -3.36 0.00	49.00 -3.69 0.00	52.10 -3.92 0.00	52.92 -4.24 -0.68	54.80 -3.79 -2.05	57.69 -2.95 -3.98	57.60 -2.61 -3.50	60.91 -1.56 0.00	55.52 -0.96 0.00	51.53 -1.43 0.00	45.34 -0.50 0.00	39.79 0.00 0.00
SOUTHOLD_69_KV_BK 2 55809	43.48 3.57 -0.20	38.35 2.64 -0.01	34.65 2.18 0.00	32.61 2.50 -0.01	32.20 2.60 -0.01	36.83 2.41 0.00	41.19 3.16 0.00	45.58 3.80 0.00	47.20 4.06 0.00	48.00 4.83 0.00	47.73 3.90 0.00	49.71 4.44 0.00	56.10 5.92 0.00	61.33 6.90 -1.74	65.38 8.01 -1.35	71.94 9.04 -6.42	78.59 9.50 -12.56	90.09 9.41 -24.03	86.01 9.02 -20.28	72.81 9.31 -1.03	66.01 8.19 -1.34	59.21 6.25 0.00	49.07 4.91 1.67	44.68 4.89 0.00
SOUTHOLD___IC 23719	43.48 3.58 -0.20	38.35 2.64 -0.01	34.65 2.18 0.00	32.60 2.50 -0.01	32.20 2.60 -0.01	36.83 2.41 0.00	41.19 3.15 0.00	45.58 3.80 0.00	47.29 4.14 0.00	48.22 5.05 0.00	47.72 3.90 0.00	49.71 4.44 0.00	56.10 5.92 0.00	61.02 6.59 -1.74	65.72 8.35 -1.35	72.11 9.21 -6.42	78.53 9.44 -12.56	90.03 9.35 -24.03	86.13 9.13 -20.28	72.87 9.37 -1.03	66.06 8.25 -1.34	58.79 5.83 0.00	49.12 4.95 1.67	44.80 5.01 0.00
SOUTH_FORK_WT_PWR 323839	43.44 3.53 -0.20	38.28 2.57 -0.01	34.55 2.08 0.00	32.49 2.38 -0.01	32.09 2.49 -0.01	36.73 2.31 0.00	41.03 3.00 0.00	45.41 3.63 0.00	47.07 3.93 0.00	48.09 4.92 0.00	47.46 3.64 0.00	49.39 4.12 0.00	55.75 5.57 0.00	60.70 6.27 -1.74	65.32 7.95 -1.35	71.71 8.81 -6.42	78.20 9.10 -12.56	89.64 8.95 -24.03	85.67 8.68 -20.28	72.31 8.81 -1.03	65.50 7.68 -1.34	58.26 5.30 0.00	48.61 4.45 1.67	44.56 4.77 0.00
SPIERFLS_115KV_TB 1 80737	41.38 1.67 0.00	37.16 1.46 0.00	33.74 1.27 0.00	31.39 1.29 0.00	30.86 1.27 0.00	35.94 1.51 0.00	39.70 1.67 0.00	43.78 2.01 0.00	45.17 2.03 0.00	45.07 1.90 0.00	45.71 1.88 0.00	46.95 1.68 0.00	52.19 2.01 0.00	54.91 2.21 0.00	58.37 2.35 0.00	63.24 2.48 -4.28	72.00 2.43 -13.04	85.11 3.17 -25.28	82.33 3.40 -22.21	66.47 4.00 0.00	59.98 3.50 0.00	56.04 3.07 0.00	48.36 2.52 0.00	42.02 2.23 0.00
ST LAWRENCE____ 23600	39.79 0.08 0.00	35.77 0.07 0.00	32.47 0.00 0.00	29.89 -0.21 0.00	29.39 -0.21 0.00	34.35 -0.07 0.00	37.77 -0.26 0.00	41.57 -0.21 0.00	42.93 -0.21 0.00	42.91 -0.26 0.00	43.47 -0.35 0.00	44.83 -0.45 0.00	49.68 -0.50 0.00	52.11 -0.58 0.00	55.40 -0.61 0.00	55.35 -1.13 0.00	55.34 -1.19 0.00	55.30 -1.36 0.00	55.35 -1.36 0.00	60.92 -1.56 0.00	55.29 -1.19 0.00	52.38 -0.58 0.00	45.34 -0.50 0.00	39.16 -0.64 0.00

STATE_CA_115KV_115_LB 55624	40.58 0.87 0.00	36.34 0.64 0.00	33.25 0.78 0.00	31.00 0.90 0.00	30.45 0.86 0.00	35.28 0.86 0.00	39.02 0.99 0.00	42.90 1.13 0.00	44.40 1.25 0.00	44.38 1.21 0.00	45.10 1.27 0.00	46.68 1.40 0.00	51.84 1.66 0.00	54.54 1.84 0.00	57.98 1.96 0.00	62.83 2.15 -4.20	71.47 2.15 -12.79	83.73 2.27 -24.80	80.77 2.27 -21.79	64.91 2.44 0.00	58.34 1.86 0.00	54.34 1.38 0.00	47.03 1.19 0.00	40.95 1.15 0.00
STATE_ST_34_KV_LOAD 55959	39.59 -0.12 0.00	35.62 -0.07 0.00	32.34 -0.13 0.00	30.07 -0.03 0.00	29.53 -0.06 0.00	34.32 -0.10 0.00	38.11 0.08 0.00	41.86 0.08 0.00	43.19 0.04 0.00	43.30 0.13 0.00	43.96 0.13 0.00	45.46 0.18 0.00	50.33 0.15 0.00	52.80 0.11 0.00	56.30 0.28 0.00	57.42 0.45 -0.49	58.58 0.57 -1.49	60.33 0.79 -2.88	60.15 0.91 -2.53	63.66 1.19 0.00	57.49 1.02 0.00	53.60 0.64 0.00	46.16 0.32 0.00	40.15 0.36 0.00
STATION_5_MISC_HYD 23604	39.11 -0.59 0.00	35.09 -0.61 0.00	31.66 -0.81 0.00	29.44 -0.66 0.00	28.85 -0.74 0.00	33.42 -1.00 0.00	36.85 -1.18 0.00	40.48 -1.30 0.00	41.55 -1.60 0.00	41.70 -1.47 0.00	42.47 -1.36 0.00	43.87 -1.40 0.00	48.62 -1.56 0.00	51.06 -1.63 0.00	53.83 -2.19 0.00	55.42 -1.52 -0.47	56.71 -1.24 -1.43	58.86 -0.57 -2.76	58.69 -0.46 -2.43	61.97 -0.50 0.00	56.19 -0.28 0.00	52.17 -0.79 0.00	45.16 -0.69 0.00	39.64 -0.16 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.11 -0.60 0.00	35.12 -0.57 0.00	31.76 -0.71 0.00	29.53 -0.57 0.00	28.97 -0.62 0.00	33.60 -0.83 0.00	37.19 -0.84 0.00	40.90 -0.88 0.00	42.11 -1.04 0.00	42.22 -0.95 0.00	42.95 -0.88 0.00	44.37 -0.91 0.00	49.13 -1.05 0.00	51.48 -1.21 0.00	54.84 -1.18 0.00	56.10 -0.85 -0.47	57.23 -0.73 -1.44	59.27 -0.17 -2.78	59.10 -0.06 -2.45	62.47 0.00 0.00	56.59 0.11 0.00	52.65 -0.32 0.00	45.43 -0.41 0.00	39.71 -0.08 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.83 -0.87 0.00	34.87 -0.82 0.00	31.50 -0.97 0.00	29.26 -0.84 0.00	28.70 -0.89 0.00	33.25 -1.17 0.00	36.66 -1.37 0.00	40.31 -1.46 0.00	41.38 -1.77 0.00	41.53 -1.64 0.00	42.29 -1.53 0.00	43.69 -1.58 0.00	48.42 -1.76 0.00	50.74 -1.95 0.00	54.06 -1.96 0.00	55.36 -1.58 -0.47	56.47 -1.47 -1.41	58.60 -0.79 -2.73	58.44 -0.68 -2.40	61.60 -0.87 0.00	55.85 -0.62 0.00	51.91 -1.06 0.00	44.92 -0.92 0.00	39.36 -0.44 0.00
STA_56___34_KV_BUS2 355983	38.83 -0.87 0.00	34.87 -0.82 0.00	31.50 -0.97 0.00	29.26 -0.84 0.00	28.70 -0.89 0.00	33.25 -1.17 0.00	36.66 -1.37 0.00	40.31 -1.46 0.00	41.38 -1.77 0.00	41.53 -1.64 0.00	42.29 -1.53 0.00	43.69 -1.58 0.00	48.42 -1.76 0.00	50.74 -1.95 0.00	54.06 -1.96 0.00	55.36 -1.58 -0.47	56.47 -1.47 -1.41	58.60 -0.79 -2.73	58.44 -0.68 -2.40	61.60 -0.87 0.00	55.85 -0.62 0.00	51.91 -1.06 0.00	44.92 -0.92 0.00	39.36 -0.44 0.00
STA_67___115KV_BK2 355882	38.99 -0.71 0.00	35.02 -0.68 0.00	31.60 -0.88 0.00	29.38 -0.72 0.00	28.79 -0.80 0.00	33.36 -1.07 0.00	36.78 -1.26 0.00	40.40 -1.38 0.00	41.42 -1.73 0.00	41.57 -1.60 0.00	42.34 -1.49 0.00	43.74 -1.54 0.00	48.47 -1.71 0.00	50.80 -1.90 0.00	54.06 -1.96 0.00	55.36 -1.58 -0.47	56.54 -1.41 -1.43	58.74 -0.68 -2.76	58.57 -0.57 -2.43	61.79 -0.69 0.00	56.02 -0.45 0.00	52.06 -0.90 0.00	45.06 -0.78 0.00	39.56 -0.24 0.00
STA_7___115KV_9TRANS 80674	39.31 -0.40 0.00	35.23 -0.46 0.00	31.79 -0.68 0.00	29.56 -0.54 0.00	28.97 -0.62 0.00	33.56 -0.86 0.00	37.00 -1.03 0.00	40.69 -1.09 0.00	41.76 -1.38 0.00	41.92 -1.25 0.00	42.69 -1.14 0.00	44.15 -1.13 0.00	48.88 -1.30 0.00	51.22 -1.48 0.00	54.56 -1.46 0.00	55.93 -1.02 -0.47	57.05 -0.90 -1.42	59.25 -0.17 -2.76	59.08 -0.06 -2.43	62.35 -0.12 0.00	56.59 0.11 0.00	52.54 -0.42 0.00	45.48 -0.37 0.00	39.83 0.04 0.00
STA_82___115KV_TB1 80780	38.99 -0.71 0.00	34.98 -0.71 0.00	31.60 -0.88 0.00	29.38 -0.72 0.00	28.79 -0.80 0.00	33.32 -1.10 0.00	36.78 -1.26 0.00	40.36 -1.42 0.00	41.38 -1.77 0.00	41.53 -1.64 0.00	42.29 -1.53 0.00	43.69 -1.58 0.00	48.42 -1.76 0.00	50.74 -1.95 0.00	54.00 -2.02 0.00	55.31 -1.64 -0.47	56.49 -1.47 -1.43	58.69 -0.74 -2.77	58.52 -0.62 -2.43	61.72 -0.75 0.00	55.97 -0.51 0.00	52.01 -0.95 0.00	45.02 -0.83 0.00	39.52 -0.28 0.00
STEEL___WIND 323596	38.24 -1.47 0.00	34.16 -1.53 0.00	30.69 -1.79 0.00	28.60 -1.50 0.00	28.02 -1.57 0.00	32.26 -2.17 0.00	35.02 -2.62 0.39	31.60 -2.84 7.34	39.43 -3.71 0.00	39.71 -3.46 0.00	40.41 -3.42 0.00	41.75 -3.53 0.00	46.21 -3.97 0.00	48.64 -4.06 0.00	50.92 -5.10 0.00	52.25 -4.86 -0.64	54.27 -4.18 -1.93	57.05 -3.34 -3.73	56.93 -3.06 -3.28	59.79 -2.68 0.00	54.33 -2.15 0.00	50.32 -2.65 0.00	44.01 -1.84 0.00	38.84 -0.96 0.00
STEPHTWN_115KV_BK_2 55603	40.78 1.07 0.00	36.48 0.79 0.00	33.38 0.91 0.00	31.12 1.02 0.00	30.57 0.98 0.00	35.42 1.00 0.00	39.21 1.18 0.00	43.11 1.34 0.00	44.59 1.47 0.00	44.59 1.42 0.00	45.27 1.45 0.00	46.91 1.63 0.00	52.04 1.86 0.00	54.80 2.11 0.00	58.15 2.13 0.00	63.02 2.37 -4.17	71.59 2.37 -12.69	83.75 2.49 -24.59	80.88 2.55 -21.61	65.22 2.75 0.00	58.62 2.15 0.00	54.61 1.64 0.00	47.22 1.38 0.00	41.11 1.31 0.00
STEUBEN_REC_LFGE 323667	38.95 -0.75 0.00	34.70 -1.00 0.00	31.11 -1.36 0.00	28.90 -1.20 0.00	28.35 -1.24 0.00	32.77 -1.65 0.00	37.08 -1.83 -0.87	56.29 -1.88 -16.39	42.45 -0.69 0.00	42.44 -0.73 0.00	42.99 -0.83 0.00	44.46 -0.82 0.00	48.93 -1.25 0.00	51.16 -1.53 0.00	54.62 -1.40 0.00	55.81 -1.47 -0.81	57.95 -1.02 -2.44	61.22 -0.17 -4.73	61.27 0.40 -4.16	63.97 1.50 0.00	58.06 1.58 0.00	54.13 1.17 0.00	46.58 0.73 0.00	41.03 1.23 0.00
STILLWATER___SOLAR 323814	41.54 1.83 0.00	37.23 1.53 0.00	33.90 1.43 0.00	31.57 1.47 0.00	31.04 1.45 0.00	36.04 1.62 0.00	39.82 1.79 0.00	43.86 2.09 0.00	45.26 2.11 0.00	45.20 2.03 0.00	45.84 2.02 0.00	47.32 2.04 0.00	52.49 2.31 0.00	55.22 2.53 0.00	58.76 2.74 0.00	63.73 2.99 -4.26	72.57 3.05 -12.98	85.29 3.46 -25.17	82.46 3.63 -22.11	66.60 4.12 0.00	60.04 3.56 0.00	56.04 3.07 0.00	48.36 2.52 0.00	42.10 2.31 0.00
STONY___BROOK 24151	42.77 2.86 -0.20	37.88 2.18 -0.01	34.39 1.92 0.00	32.37 2.26 -0.01	31.94 2.34 -0.01	36.63 2.21 0.00	40.96 2.93 0.00	45.24 3.47 0.00	46.72 3.58 0.00	47.35 4.19 0.00	47.02 3.20 0.00	48.90 3.62 0.00	54.95 4.77 0.00	59.39 4.90 -1.80	63.86 6.44 -1.40	70.12 7.12 -6.53	76.38 7.24 -12.62	87.86 7.08 -24.12	84.02 6.97 -20.33	70.78 7.24 -1.07	64.09 6.21 -1.40	57.46 4.50 0.00	48.44 4.17 1.57	44.17 4.38 0.00
STURGEON_POOL_HYD 23609	41.57 1.87 0.00	37.12 1.43 0.00	33.80 1.33 0.00	31.63 1.54 0.00	31.16 1.57 0.00	36.01 1.58 0.00	40.01 1.98 0.00	44.20 2.42 0.00	45.82 2.67 0.00	46.02 2.85 0.00	46.68 2.85 0.00	48.40 3.12 0.00	53.69 3.51 0.00	56.54 3.85 0.00	61.00 4.99 0.00	65.77 5.59 -3.70	73.32 5.77 -11.03	82.98 5.61 -20.71	80.32 5.33 -18.27	68.10 5.62 0.00	60.94 4.46 0.00	56.30 3.34 0.00	48.73 2.89 0.00	42.66 2.87 0.00

ST_LAW_115_BK7_LBMP 345037	39.83 0.12 0.00	35.80 0.11 0.00	32.47 0.00 0.00	29.89 -0.21 0.00	29.39 -0.21 0.00	34.39 -0.03 0.00	37.77 -0.26 0.00	41.57 -0.21 0.00	42.93 -0.21 0.00	42.91 -0.26 0.00	43.47 -0.35 0.00	44.83 -0.45 0.00	49.68 -0.50 0.00	52.11 -0.58 0.00	55.35 -0.67 0.00	55.35 -1.13 0.00	55.29 -1.24 0.00	55.24 -1.41 0.00	55.24 -1.47 0.00	60.79 -1.68 0.00	55.23 -1.24 0.00	52.38 -0.58 0.00	45.34 -0.50 0.00	39.16 -0.64 0.00
ST_LAW_115_BK8_LBMP 345038	39.83 0.12 0.00	35.80 0.11 0.00	32.47 0.00 0.00	29.89 -0.21 0.00	29.39 -0.21 0.00	34.39 -0.03 0.00	37.77 -0.26 0.00	41.57 -0.21 0.00	42.93 -0.21 0.00	42.91 -0.26 0.00	43.47 -0.35 0.00	44.83 -0.45 0.00	49.68 -0.50 0.00	52.11 -0.58 0.00	55.35 -0.67 0.00	55.35 -1.13 0.00	55.29 -1.24 0.00	55.24 -1.41 0.00	55.24 -1.47 0.00	60.79 -1.68 0.00	55.23 -1.24 0.00	52.38 -0.58 0.00	45.34 -0.50 0.00	39.16 -0.64 0.00
ST_LAW_230_BK5_LBMP 345035	39.79 0.08 0.00	35.77 0.07 0.00	32.47 0.00 0.00	29.89 -0.21 0.00	29.39 -0.21 0.00	34.35 -0.07 0.00	37.77 -0.26 0.00	41.57 -0.21 0.00	42.93 -0.21 0.00	42.91 -0.26 0.00	43.47 -0.35 0.00	44.83 -0.45 0.00	49.68 -0.50 0.00	52.11 -0.58 0.00	55.40 -0.61 0.00	55.35 -1.13 0.00	55.34 -1.19 0.00	55.30 -1.36 0.00	55.35 -1.36 0.00	60.92 -1.56 0.00	55.29 -1.19 0.00	52.38 -0.58 0.00	45.34 -0.50 0.00	39.16 -0.64 0.00
ST_LAW_230_BK6_LBMP 345036	39.79 0.08 0.00	35.77 0.07 0.00	32.47 0.00 0.00	29.89 -0.21 0.00	29.39 -0.21 0.00	34.35 -0.07 0.00	37.77 -0.26 0.00	41.57 -0.21 0.00	42.93 -0.21 0.00	42.91 -0.26 0.00	43.47 -0.35 0.00	44.83 -0.45 0.00	49.68 -0.50 0.00	52.11 -0.58 0.00	55.40 -0.61 0.00	55.35 -1.13 0.00	55.34 -1.19 0.00	55.30 -1.36 0.00	55.35 -1.36 0.00	60.92 -1.56 0.00	55.29 -1.19 0.00	52.38 -0.58 0.00	45.34 -0.50 0.00	39.16 -0.64 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.49 1.79 0.00	37.09 1.39 0.00	33.74 1.27 0.00	31.57 1.47 0.00	31.13 1.54 0.00	35.97 1.55 0.00	39.97 1.94 0.00	44.16 2.38 0.00	45.73 2.59 0.00	45.93 2.76 0.00	46.63 2.80 0.00	48.36 3.08 0.00	53.59 3.41 0.00	56.43 3.74 0.00	60.61 4.59 0.00	65.23 5.20 -3.56	72.51 5.26 -10.72	82.60 5.16 -20.78	79.91 4.93 -18.26	67.78 5.31 0.00	60.66 4.18 0.00	56.04 3.07 0.00	48.55 2.70 0.00	42.50 2.71 0.00
SWANROAD_115KV_TB1 355699	37.72 -1.99 0.00	33.59 -2.11 0.00	30.23 -2.24 0.00	28.35 -1.75 0.00	27.76 -1.83 0.00	31.91 -2.51 0.00	34.87 -2.85 0.31	32.78 -3.17 5.82	38.70 -4.44 0.00	38.94 -4.23 0.00	39.66 -4.16 0.00	40.93 -4.35 0.00	45.26 -4.92 0.00	47.42 -5.27 0.00	50.42 -5.60 0.00	51.47 -5.59 -0.59	53.16 -5.14 -1.78	55.91 -4.19 -3.44	55.77 -3.97 -3.03	58.35 -4.12 0.00	53.09 -3.39 0.00	49.15 -3.81 0.00	43.00 -2.84 0.00	38.04 -1.75 0.00
SYNERGY___BIOGAS 323694	39.47 -0.24 0.00	35.23 -0.46 0.00	31.69 -0.78 0.00	29.56 -0.54 0.00	28.94 -0.65 0.00	33.42 -1.00 0.00	36.62 -1.22 0.20	36.91 -1.13 3.73	41.16 -1.98 0.00	41.27 -1.90 0.00	42.03 -1.80 0.00	43.38 -1.90 0.00	48.02 -2.16 0.00	50.27 -2.42 0.00	53.50 -2.52 0.00	54.75 -2.26 -0.54	56.18 -1.98 -1.62	58.84 -0.96 -3.15	58.86 -0.62 -2.77	62.10 -0.37 0.00	56.48 0.00 0.00	52.38 -0.58 0.00	45.48 -0.37 0.00	39.99 0.20 0.00
SYRACUSE___ENERGY_ST1 323597	39.39 -0.32 0.00	35.52 -0.18 0.00	32.25 -0.23 0.00	29.98 -0.12 0.00	29.44 -0.15 0.00	34.18 -0.24 0.00	37.96 -0.08 0.00	41.61 -0.17 0.00	42.93 -0.22 0.00	43.04 -0.13 0.00	43.70 -0.13 0.00	45.19 -0.09 0.00	50.08 -0.10 0.00	52.53 -0.16 0.00	55.96 -0.06 0.00	56.99 0.11 -0.40	57.85 0.11 -1.20	59.27 0.28 -2.33	59.10 0.34 -2.05	62.91 0.44 0.00	56.76 0.28 0.00	53.02 0.05 0.00	45.75 -0.09 0.00	39.79 0.00 0.00
SYRACUSE___ENERGY_ST2 323598	39.39 -0.32 0.00	35.52 -0.18 0.00	32.25 -0.23 0.00	29.98 -0.12 0.00	29.44 -0.15 0.00	34.18 -0.24 0.00	37.96 -0.08 0.00	41.61 -0.17 0.00	42.93 -0.22 0.00	43.04 -0.13 0.00	43.70 -0.13 0.00	45.19 -0.09 0.00	50.08 -0.10 0.00	52.53 -0.16 0.00	55.96 -0.06 0.00	56.99 0.11 -0.40	57.85 0.11 -1.20	59.27 0.28 -2.33	59.10 0.34 -2.05	62.91 0.44 0.00	56.76 0.28 0.00	53.02 0.05 0.00	45.75 -0.09 0.00	39.79 0.00 0.00
SYRACUSE___POWER 24017	39.35 -0.36 0.00	35.45 -0.25 0.00	32.18 -0.29 0.00	29.92 -0.18 0.00	29.41 -0.18 0.00	34.15 -0.28 0.00	37.88 -0.15 0.00	41.57 -0.21 0.00	42.89 -0.26 0.00	42.95 -0.22 0.00	43.65 -0.18 0.00	45.14 -0.14 0.00	50.03 -0.15 0.00	52.48 -0.21 0.00	55.96 -0.06 0.00	56.95 0.06 -0.41	57.90 0.11 -1.25	59.37 0.28 -2.43	59.13 0.28 -2.13	62.91 0.44 0.00	56.76 0.28 0.00	52.96 0.00 0.00	45.70 -0.14 0.00	39.75 -0.04 0.00
TALLMAN_138KV_BK151 55660	41.73 2.03 0.00	37.23 1.53 0.00	33.90 1.43 0.00	31.72 1.63 0.00	31.31 1.72 0.00	36.11 1.69 0.00	40.20 2.17 0.00	44.45 2.67 0.00	46.03 2.89 0.00	46.28 3.11 0.00	46.98 3.16 0.00	48.72 3.44 0.00	53.99 3.81 0.00	56.91 4.22 0.00	61.17 5.15 0.00	65.85 5.76 -3.62	73.24 5.82 -10.89	83.48 5.72 -21.10	80.70 5.44 -18.54	68.35 5.87 0.00	61.05 4.57 0.00	56.41 3.44 0.00	48.82 2.98 0.00	42.78 2.98 0.00
TEALLAVE_115KV_TB7 355573	39.19 -0.52 0.00	35.34 -0.36 0.00	32.08 -0.39 0.00	29.83 -0.27 0.00	29.33 -0.27 0.00	34.04 -0.38 0.00	37.76 -0.27 0.00	41.40 -0.38 0.00	42.71 -0.43 0.00	42.82 -0.35 0.00	43.52 -0.31 0.00	44.96 -0.32 0.00	49.83 -0.35 0.00	52.32 -0.37 0.00	55.74 -0.28 0.00	56.65 -0.17 -0.35	57.47 -0.11 -1.05	58.75 0.06 -2.04	58.56 0.06 -1.79	62.60 0.12 0.00	56.48 0.00 0.00	52.70 -0.26 0.00	45.52 -0.32 0.00	39.60 -0.20 0.00
TELGRAPH_34_KV_EAST 80808	38.56 -1.15 0.00	34.41 -1.29 0.00	30.95 -1.53 0.00	28.93 -1.17 0.00	28.32 -1.27 0.00	32.63 -1.79 0.00	35.68 -2.09 0.26	34.64 -2.21 4.92	39.91 -3.24 0.00	40.10 -3.07 0.00	40.85 -2.98 0.00	42.15 -3.12 0.00	46.67 -3.51 0.00	48.85 -3.85 0.00	51.99 -4.03 0.00	53.14 -3.90 -0.56	54.67 -3.56 -1.70	57.40 -2.55 -3.29	57.28 -2.33 -2.89	60.16 -2.31 0.00	54.78 -1.69 0.00	50.74 -2.22 0.00	44.24 -1.60 0.00	39.04 -0.76 0.00
TEMPLE___115KV_TB 2 55572	39.23 -0.48 0.00	35.34 -0.36 0.00	32.12 -0.36 0.00	29.86 -0.24 0.00	29.33 -0.27 0.00	34.04 -0.38 0.00	37.76 -0.27 0.00	41.40 -0.38 0.00	42.76 -0.39 0.00	42.82 -0.35 0.00	43.52 -0.31 0.00	45.01 -0.27 0.00	49.88 -0.30 0.00	52.38 -0.32 0.00	55.79 -0.22 0.00	56.71 -0.11 -0.35	57.54 -0.06 -1.06	58.78 0.06 -2.06	58.64 0.11 -1.81	62.66 0.19 0.00	56.53 0.06 0.00	52.75 -0.21 0.00	45.52 -0.32 0.00	39.63 -0.16 0.00
TIANA____69_KV_BK 1 55817	42.92 3.02 -0.20	37.96 2.25 -0.01	34.39 1.92 0.00	32.37 2.26 -0.01	31.97 2.37 -0.01	36.59 2.17 0.00	40.92 2.89 0.00	45.28 3.51 0.00	46.81 3.67 0.00	47.44 4.27 0.00	47.29 3.46 0.00	49.21 3.94 0.00	55.50 5.32 0.00	60.59 6.16 -1.74	64.54 7.17 -1.35	71.03 8.13 -6.42	77.63 8.54 -12.56	89.13 8.44 -24.03	85.22 8.22 -20.28	72.06 8.56 -1.03	65.50 7.68 -1.34	58.79 5.83 0.00	48.89 4.72 1.67	44.33 4.54 0.00

TILDEN___115KV_TB1 80814	39.35 -0.36 0.00	35.45 -0.25 0.00	32.18 -0.29 0.00	29.92 -0.18 0.00	29.41 -0.18 0.00	34.15 -0.28 0.00	37.88 -0.15 0.00	41.57 -0.21 0.00	42.89 -0.26 0.00	42.95 -0.22 0.00	43.65 -0.18 0.00	45.14 -0.14 0.00	50.03 -0.15 0.00	52.48 -0.21 0.00	55.96 -0.06 0.00	56.95 0.06 -0.41	57.90 0.11 -1.25	59.37 0.28 -2.43	59.13 0.28 -2.13	62.91 0.44 0.00	56.76 0.28 0.00	52.96 0.00 0.00	45.70 -0.14 0.00	39.75 -0.04 0.00
TRIGEN___CC 323695	42.36 2.30 -0.35	37.64 1.93 -0.02	34.23 1.75 0.00	32.13 2.02 -0.02	31.71 2.10 -0.02	36.45 2.03 0.00	40.66 2.62 0.00	44.95 3.17 0.00	46.42 3.28 0.00	46.88 3.71 0.00	47.03 3.20 0.00	48.92 3.62 -0.02	54.77 4.57 -0.02	71.69 5.27 -13.73	73.00 6.27 -10.71	88.51 6.78 -25.26	86.13 7.12 -22.47	104.71 7.03 -41.02	92.97 6.75 -29.51	77.83 7.18 -8.17	72.87 5.82 -10.57	57.33 4.34 -0.02	65.25 3.99 -15.42	43.67 3.86 -0.02
TRINITY__115KV__4 BK 55933	40.42 0.71 0.00	36.20 0.50 0.00	33.15 0.68 0.00	30.91 0.81 0.00	30.39 0.80 0.00	35.15 0.72 0.00	38.91 0.87 0.00	42.74 0.96 0.00	44.22 1.08 0.00	44.25 1.08 0.00	44.92 1.10 0.00	46.50 1.22 0.00	51.59 1.41 0.00	54.27 1.58 0.00	57.70 1.68 0.00	62.57 1.92 -4.18	71.16 1.92 -12.71	83.33 2.04 -24.63	80.40 2.04 -21.64	64.66 2.19 0.00	58.17 1.69 0.00	54.13 1.17 0.00	46.85 1.01 0.00	40.83 1.03 0.00
UNION___PROCESSING_DRP 323587	38.99 -0.71 0.00	34.98 -0.71 0.00	31.60 -0.88 0.00	29.38 -0.72 0.00	28.79 -0.80 0.00	33.36 -1.07 0.00	36.78 -1.26 0.00	40.36 -1.42 0.00	41.42 -1.73 0.00	41.57 -1.60 0.00	42.34 -1.49 0.00	43.74 -1.54 0.00	48.42 -1.76 0.00	50.74 -1.95 0.00	54.00 -2.02 0.00	55.31 -1.64 -0.47	56.49 -1.47 -1.43	58.69 -0.74 -2.77	58.53 -0.62 -2.44	61.72 -0.75 0.00	55.97 -0.51 0.00	52.01 -0.95 0.00	45.02 -0.83 0.00	39.52 -0.28 0.00
UPPER HUDSON___HYD 24058	41.38 1.67 0.00	37.16 1.46 0.00	33.74 1.27 0.00	31.39 1.29 0.00	30.86 1.27 0.00	35.94 1.51 0.00	39.70 1.67 0.00	43.78 2.01 0.00	45.17 2.03 0.00	45.07 1.90 0.00	45.71 1.88 0.00	46.95 1.68 0.00	52.19 2.01 0.00	54.90 2.21 0.00	58.26 2.24 0.00	63.19 2.43 -4.28	72.00 2.43 -13.04	85.11 3.17 -25.28	82.33 3.40 -22.21	66.48 4.00 0.00	59.98 3.50 0.00	56.09 3.12 0.00	48.27 2.43 0.00	42.02 2.23 0.00
UPPER RAQUET___HYD 24056	40.66 0.95 0.00	36.59 0.89 0.00	33.06 0.59 0.00	30.37 0.27 0.00	29.80 0.21 0.00	35.01 0.58 0.00	38.41 0.38 0.00	42.32 0.54 0.00	43.62 0.48 0.00	43.51 0.34 0.00	44.14 0.31 0.00	45.32 0.05 0.00	50.23 0.05 0.00	52.64 -0.05 0.00	55.91 -0.11 0.00	55.74 -0.79 -0.06	55.86 -0.85 -0.18	55.53 -1.47 -0.34	55.54 -1.47 -0.30	60.97 -1.50 0.00	55.52 -0.96 0.00	52.65 -0.32 0.00	45.80 -0.05 0.00	39.52 -0.28 0.00
VALLEY44_115KV_TB2 355964	38.04 -1.67 0.00	33.98 -1.71 0.00	30.56 -1.92 0.00	28.59 -1.50 0.00	28.11 -1.48 0.00	32.29 -2.13 0.00	35.60 -2.28 0.15	36.91 -2.05 2.82	40.38 -2.76 0.00	40.62 -2.55 0.00	41.28 -2.54 0.00	42.65 -2.63 0.00	47.17 -3.01 0.00	49.16 -3.53 0.00	52.27 -3.75 0.00	52.55 -4.63 -0.71	54.32 -4.35 -2.15	57.19 -3.63 -4.16	57.08 -3.29 -3.66	60.60 -1.87 0.00	55.06 -1.41 0.00	51.06 -1.91 0.00	44.74 -1.10 0.00	39.04 -0.76 0.00
VALLEY___115KV_TB 1-4 80826	39.63 -0.08 0.00	35.59 -0.11 0.00	32.38 -0.10 0.00	30.04 -0.06 0.00	29.56 -0.03 0.00	34.39 -0.03 0.00	38.03 0.00 0.00	41.82 0.04 0.00	43.19 0.04 0.00	43.21 0.04 0.00	43.91 0.09 0.00	45.37 0.09 0.00	50.28 0.10 0.00	52.74 0.05 0.22	56.24 0.22 0.00	56.76 0.28 0.00	56.81 0.28 0.00	56.89 0.23 0.00	56.94 0.23 0.00	62.79 0.31 0.00	56.65 0.17 0.00	52.96 0.00 0.00	45.93 0.09 0.00	39.87 0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.38 1.67 0.00	37.05 1.36 0.00	33.71 1.23 0.00	31.42 1.32 0.00	30.89 1.30 0.00	35.83 1.41 0.00	39.67 1.64 0.00	43.86 2.09 0.00	45.22 2.07 0.00	45.37 2.20 0.00	46.11 2.28 0.00	47.63 2.35 0.00	52.74 2.56 0.00	55.38 2.69 0.00	59.21 3.19 0.00	61.60 3.45 -1.68	65.05 3.45 -5.07	69.89 3.40 -9.83	68.81 3.46 -8.63	66.47 4.00 0.00	59.86 3.39 0.00	55.61 2.65 0.00	48.18 2.34 0.00	41.86 2.07 0.00
VISCHER___FERRY HYD 24020	41.18 1.47 0.00	36.84 1.14 0.00	33.68 1.20 0.00	31.39 1.29 0.00	30.86 1.27 0.00	35.73 1.31 0.00	39.55 1.52 0.00	43.57 1.80 0.00	45.04 1.90 0.00	44.98 1.81 0.00	45.67 1.84 0.00	47.22 1.95 0.00	52.39 2.21 0.00	55.07 2.37 0.00	58.60 2.58 0.00	63.56 2.88 -4.21	72.36 2.99 -12.83	84.76 3.23 -24.87	81.97 3.40 -21.85	66.16 3.69 0.00	59.52 3.05 0.00	55.40 2.44 0.00	47.95 2.11 0.00	41.74 1.95 0.00
V_A_10_SYNC_DSASP 323832	38.08 -1.63 0.00	34.13 -1.57 0.00	30.78 -1.69 0.00	28.68 -1.41 0.00	28.11 -1.48 0.00	32.43 -2.00 0.00	35.51 -2.32 0.20	35.42 -2.63 3.73	39.82 -3.32 0.00	40.06 -3.11 0.00	40.76 -3.07 0.00	42.11 -3.17 0.00	46.57 -3.61 0.00	48.79 -3.90 0.00	51.87 -4.15 0.00	53.16 -3.84 -0.53	54.68 -3.45 -1.60	57.10 -2.66 -3.10	56.94 -2.50 -2.72	59.66 -2.81 0.00	54.22 -2.26 0.00	50.26 -2.70 0.00	43.73 -2.11 0.00	38.60 -1.19 0.00
V_CMM_10_SYNC_DSASP 323787	40.02 0.32 0.00	35.98 0.28 0.00	32.64 0.16 0.00	30.04 -0.06 0.00	29.53 -0.06 0.00	34.53 0.10 0.00	37.96 -0.08 0.00	41.73 -0.04 0.00	43.14 0.00 0.00	43.08 -0.09 0.00	43.70 -0.13 0.00	45.05 -0.23 0.00	49.93 -0.25 0.00	52.38 -0.31 0.00	55.63 -0.39 0.00	55.57 -0.91 0.00	55.57 -0.96 0.00	55.47 -1.19 0.00	55.52 -1.19 0.00	61.10 -1.37 0.00	55.52 -0.96 0.00	52.65 -0.32 0.00	45.52 -0.32 0.00	39.32 -0.48 0.00
V_CMP_10_SYNC_DSASP 323788	40.62 0.91 0.00	36.52 0.82 0.00	33.09 0.62 0.00	30.43 0.33 0.00	29.86 0.27 0.00	34.84 0.41 0.00	38.15 0.11 0.00	42.03 0.25 0.00	43.40 0.26 0.00	43.26 0.09 0.00	43.70 -0.13 0.00	44.91 -0.36 0.00	49.78 -0.40 0.00	52.06 -0.63 0.00	55.18 -0.84 0.00	54.95 -1.52 0.00	55.06 -1.47 0.00	55.07 -1.59 0.00	55.07 -1.65 0.00	60.66 -1.81 0.00	55.12 -1.36 0.00	52.33 -0.63 0.00	45.24 -0.60 0.00	39.16 -0.64 0.00
V_D_10_SYNC_DSASP 323841	40.34 0.63 0.00	36.27 0.57 0.00	32.83 0.36 0.00	30.22 0.12 0.00	29.68 0.09 0.00	34.77 0.34 0.00	38.18 0.15 0.00	42.03 0.25 0.00	43.40 0.26 0.00	43.34 0.17 0.00	43.96 0.13 0.00	45.23 -0.05 0.00	50.13 -0.05 0.00	52.59 -0.11 0.00	55.85 -0.17 0.00	55.80 -0.68 0.00	55.80 -0.74 0.00	55.64 -1.02 0.00	55.64 -1.08 0.00	61.29 -1.19 0.00	55.74 -0.74 0.00	52.86 -0.11 0.00	45.75 -0.09 0.00	39.52 -0.28 0.00
V_E_10_SYNC_DSASP 323830	42.13 2.42 0.00	37.69 2.00 0.00	34.06 1.59 0.00	31.54 1.44 0.00	31.01 1.42 0.00	36.18 1.75 0.00	40.19 2.09 -0.07	45.65 2.55 -1.33	45.34 2.20 0.00	45.37 2.20 0.00	45.97 2.15 0.00	47.32 2.04 0.00	52.29 2.11 0.00	54.69 2.00 0.00	58.32 2.30 0.00	60.26 2.60 -1.19	63.01 2.88 -3.60	66.98 3.34 -6.98	66.59 3.74 -6.13	67.35 4.88 0.00	60.94 4.46 0.00	56.67 3.71 0.00	48.87 3.02 0.00	42.18 2.39 0.00



V_F_30_NSYNC___DSASP 323816	41.61 1.91 0.00	37.26 1.57 0.00	33.94 1.46 0.00	31.60 1.50 0.00	31.04 1.45 0.00	36.08 1.65 0.00	39.86 1.83 0.00	43.90 2.13 0.00	45.34 2.20 0.00	45.28 2.11 0.00	45.93 2.10 0.00	47.41 2.13 0.00	52.64 2.46 0.00	55.38 2.69 0.00	58.87 2.86 0.00	63.85 3.10 -4.27	72.70 3.16 -13.01	85.39 3.51 -25.22	82.61 3.74 -22.16	66.66 4.19 0.00	60.09 3.62 0.00	56.09 3.12 0.00	48.41 2.57 0.00	42.14 2.35 0.00
V_F_30_SYNC_DSASP 323786	40.58 0.87 0.00	36.34 0.64 0.00	33.25 0.78 0.00	31.00 0.90 0.00	30.45 0.86 0.00	35.28 0.86 0.00	39.02 0.99 0.00	42.90 1.13 0.00	44.40 1.25 0.00	44.38 1.21 0.00	45.10 1.27 0.00	46.68 1.40 0.00	51.84 1.66 0.00	54.54 1.84 0.00	57.98 1.96 0.00	62.82 2.15 -4.20	71.47 2.15 -12.79	83.66 2.21 -24.79	80.76 2.27 -21.78	64.91 2.44 0.00	58.34 1.86 0.00	54.34 1.38 0.00	47.03 1.19 0.00	40.95 1.15 0.00
V_XM_10_SYNC_DSASP 323789	40.62 0.91 0.00	36.52 0.82 0.00	33.09 0.62 0.00	30.43 0.33 0.00	29.86 0.27 0.00	34.84 0.41 0.00	38.15 0.11 0.00	42.03 0.25 0.00	43.40 0.26 0.00	43.26 0.09 0.00	43.70 -0.13 0.00	44.91 -0.36 0.00	49.78 -0.40 0.00	52.06 -0.63 0.00	55.18 -0.84 0.00	54.95 -1.52 0.00	55.06 -1.47 0.00	55.07 -1.59 0.00	55.07 -1.65 0.00	60.66 -1.81 0.00	55.12 -1.36 0.00	52.33 -0.63 0.00	45.24 -0.60 0.00	39.16 -0.64 0.00
W.BABYLN_69_KV_BK1 56697	43.02 3.10 -0.22	38.17 2.46 -0.01	34.65 2.18 0.00	32.58 2.47 -0.01	32.15 2.54 -0.01	36.90 2.48 0.00	41.26 3.23 0.00	45.62 3.84 0.00	47.07 3.93 0.00	47.57 4.40 0.00	47.51 3.68 0.00	49.26 3.98 0.00	55.41 5.22 -0.01	62.59 5.95 -3.95	66.03 6.95 -3.07	73.99 7.62 -9.89	78.78 7.86 -14.39	91.57 7.76 -27.15	86.29 7.60 -21.98	72.94 8.12 -2.34	66.34 6.83 -3.03	58.27 5.30 -0.01	51.84 4.58 -1.41	44.45 4.66 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.81 2.10 0.00	37.34 1.64 0.00	33.97 1.49 0.00	31.81 1.72 0.00	31.37 1.78 0.00	36.21 1.79 0.00	40.31 2.28 0.00	44.53 2.76 0.00	46.16 3.02 0.00	46.41 3.24 0.00	47.07 3.24 0.00	48.81 3.53 0.00	54.09 3.91 0.00	57.01 4.32 0.00	61.28 5.27 0.00	66.04 5.93 -3.63	73.46 5.99 -10.93	83.69 5.84 -21.19	80.95 5.61 -18.62	68.47 6.00 0.00	61.22 4.74 0.00	56.51 3.55 0.00	48.91 3.07 0.00	42.86 3.06 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.09 2.38 0.00	37.55 1.86 0.00	34.16 1.69 0.00	31.97 1.87 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.58 2.55 0.00	44.91 3.13 0.00	46.60 3.45 0.00	46.88 3.71 0.00	47.68 3.86 0.00	49.40 4.12 0.00	54.75 4.57 0.00	57.65 4.95 0.00	62.12 6.11 0.00	66.95 6.78 -3.70	74.61 6.95 -11.13	84.97 6.74 -21.57	82.07 6.41 -18.95	69.16 6.68 0.00	61.78 5.31 0.00	56.94 3.97 0.00	49.33 3.48 0.00	43.30 3.50 0.00
W50THST__13_KV_LOAD 356117	42.29 2.58 0.00	37.73 2.03 0.00	34.32 1.85 0.00	32.12 2.02 0.00	31.72 2.13 0.00	36.63 2.20 0.00	40.81 2.78 0.00	45.16 3.38 0.00	46.90 3.75 0.00	47.23 4.06 0.00	48.03 4.21 0.00	49.76 4.48 0.00	55.15 4.97 0.00	58.12 5.43 0.00	62.63 6.61 0.00	67.40 7.23 -3.70	75.12 7.46 -11.12	85.48 7.25 -21.57	82.58 6.92 -18.95	69.66 7.18 0.00	62.18 5.70 0.00	57.25 4.29 0.00	49.65 3.80 0.00	43.53 3.74 0.00
WADING RIVER_IC_1 23522	42.21 2.30 -0.20	37.35 1.64 -0.01	33.90 1.43 0.00	31.91 1.81 -0.01	31.52 1.92 -0.01	36.08 1.65 0.00	40.35 2.32 0.00	44.57 2.80 0.00	46.08 2.94 0.00	46.75 3.58 0.00	46.37 2.54 0.00	48.22 2.94 0.00	54.30 4.12 0.00	58.95 4.53 -1.73	63.41 6.05 -1.34	69.66 6.77 -6.41	76.04 6.95 -12.55	87.47 6.80 -24.02	83.74 6.75 -20.28	70.43 6.93 -1.02	64.47 6.66 -1.34	57.41 4.45 0.00	48.14 3.99 1.69	43.65 3.86 0.00
WADING RIVER_IC_2 23547	42.21 2.30 -0.20	37.35 1.64 -0.01	33.90 1.43 0.00	31.91 1.81 -0.01	31.52 1.92 -0.01	36.08 1.65 0.00	40.35 2.32 0.00	44.57 2.80 0.00	46.08 2.94 0.00	46.75 3.58 0.00	46.37 2.54 0.00	48.22 2.94 0.00	54.30 4.12 0.00	58.95 4.53 -1.73	63.41 6.05 -1.34	69.66 6.77 -6.41	76.04 6.95 -12.55	87.47 6.80 -24.02	83.74 6.75 -20.28	70.43 6.93 -1.02	64.47 6.66 -1.34	57.41 4.45 0.00	48.14 3.99 1.69	43.65 3.86 0.00
WADING RIVER_IC_3 23601	42.21 2.30 -0.20	37.35 1.64 -0.01	33.90 1.43 0.00	31.91 1.81 -0.01	31.52 1.92 -0.01	36.08 1.65 0.00	40.35 2.32 0.00	44.57 2.80 0.00	46.08 2.94 0.00	46.75 3.58 0.00	46.37 2.54 0.00	48.22 2.94 0.00	54.30 4.12 0.00	58.95 4.53 -1.73	63.41 6.05 -1.34	69.66 6.77 -6.41	76.04 6.95 -12.55	87.47 6.80 -24.02	83.74 6.75 -20.28	70.43 6.93 -1.02	64.47 6.66 -1.34	57.41 4.45 0.00	48.14 3.99 1.69	43.65 3.86 0.00
WALDENNY_12_KV_BK2 80841	38.36 -1.35 0.00	34.23 -1.46 0.00	30.75 -1.72 0.00	28.71 -1.38 0.00	28.11 -1.48 0.00	32.36 -2.07 0.00	35.14 -2.51 0.38	31.90 -2.72 7.16	39.52 -3.62 0.00	39.85 -3.32 0.00	40.54 -3.29 0.00	41.84 -3.44 0.00	46.32 -3.86 0.00	48.58 -4.11 0.00	51.65 -4.37 0.00	52.59 -4.52 -0.63	54.37 -4.07 -1.91	57.19 -3.17 -3.70	57.02 -2.95 -3.25	59.85 -2.62 0.00	54.44 -2.03 0.00	50.37 -2.60 0.00	44.10 -1.74 0.00	38.92 -0.88 0.00
WALDEN__HYDRO 24148	41.65 1.95 0.00	37.23 1.53 0.00	33.87 1.40 0.00	31.69 1.60 0.00	31.22 1.63 0.00	36.11 1.69 0.00	40.08 2.05 0.00	44.32 2.55 0.00	45.91 2.76 0.00	46.10 2.94 0.00	46.76 2.94 0.00	48.49 3.21 0.00	53.74 3.56 0.00	56.64 3.95 0.00	60.84 4.82 0.00	65.53 5.42 -3.63	73.01 5.54 -10.94	83.30 5.44 -21.20	80.56 5.22 -18.63	68.10 5.62 0.00	60.94 4.46 0.00	56.30 3.34 0.00	48.73 2.89 0.00	42.66 2.87 0.00
WARRENSBURG____ 23737	41.38 1.67 0.00	37.16 1.46 0.00	33.74 1.27 0.00	31.39 1.29 0.00	30.86 1.27 0.00	35.94 1.51 0.00	39.70 1.67 0.00	43.78 2.01 0.00	45.17 2.03 0.00	45.07 1.90 0.00	45.71 1.88 0.00	46.95 1.68 0.00	52.19 2.01 0.00	54.91 2.21 0.00	58.37 2.35 0.00	63.24 2.48 -4.28	72.00 2.43 -13.04	85.11 3.17 -25.28	82.33 3.40 -22.21	66.47 4.00 0.00	59.98 3.50 0.00	56.04 3.07 0.00	48.36 2.52 0.00	42.02 2.23 0.00
WATERSIDE____6 8 9 23538	42.13 2.42 0.00	37.59 1.89 0.00	34.23 1.75 0.00	32.00 1.90 0.00	31.57 1.98 0.00	36.42 2.00 0.00	40.50 2.47 0.00	44.87 3.09 0.00	46.42 3.28 0.00	46.80 3.63 0.00	47.64 3.81 0.00	49.35 4.08 0.00	54.75 4.57 0.00	57.49 4.79 0.00	62.01 5.99 0.00	66.94 6.78 -3.68	74.38 6.73 -11.12	84.74 6.52 -21.57	81.79 6.13 -18.95	68.85 6.37 0.00	61.50 5.03 0.00	56.72 3.76 0.00	49.33 3.48 0.00	43.41 3.62 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.67 -0.04 0.00	35.62 -0.07 0.00	32.44 -0.03 0.00	30.10 0.00 0.00	29.59 0.00 0.00	34.42 0.00 0.00	38.03 0.00 0.00	41.82 0.04 0.00	43.19 0.04 0.00	43.21 0.04 0.00	43.91 0.09 0.00	45.37 0.09 0.00	50.28 0.10 0.00	52.80 0.11 0.00	56.24 0.22 0.00	56.76 0.28 0.00	56.81 0.28 0.00	56.94 0.28 0.00	57.00 0.28 0.00	62.85 0.37 0.00	56.70 0.23 0.00	53.02 0.05 0.00	45.93 0.09 0.00	39.91 0.12 0.00

WDELAWARE___HYD 323627	41.77 2.06 0.00	37.30 1.61 0.00	33.87 1.40 0.00	31.63 1.53 0.00	31.19 1.60 0.00	36.14 1.72 0.00	40.08 2.05 0.00	44.37 2.59 0.00	45.95 2.80 0.00	46.06 2.89 0.00	46.76 2.94 0.00	48.49 3.22 0.00	53.74 3.56 0.00	56.59 3.90 0.00	60.72 4.71 0.00	65.47 5.48 -3.52	72.73 5.65 -10.55	82.41 5.56 -20.19	79.82 5.33 -17.77	68.41 5.94 0.00	61.27 4.80 0.00	56.67 3.71 0.00	49.00 3.16 0.00	42.74 2.94 0.00
WEST BABYLON___IC 23714	43.02 3.10 -0.22	38.17 2.46 -0.01	34.65 2.18 0.00	32.58 2.47 -0.01	32.15 2.54 -0.01	36.90 2.48 0.00	41.26 3.23 0.00	45.62 3.84 0.00	47.07 3.93 0.00	47.57 4.40 0.00	47.51 3.68 0.00	49.26 3.98 0.00	55.41 5.22 -0.01	62.59 5.95 -3.95	66.03 6.95 -3.07	73.99 7.62 -9.89	78.78 7.86 -14.39	91.57 7.76 -27.15	86.29 7.60 -21.98	72.94 8.12 -2.34	66.34 6.83 -3.03	58.27 5.30 -0.01	51.84 4.58 -1.41	44.45 4.66 0.00
WEST CANADA___HYD 24049	39.83 0.12 0.00	35.77 0.07 0.00	32.57 0.10 0.00	30.25 0.15 0.00	29.74 0.15 0.00	34.53 0.10 0.00	38.18 0.15 0.00	41.94 0.17 0.00	43.32 0.17 0.00	43.34 0.17 0.00	44.05 0.22 0.00	45.51 0.23 0.00	50.43 0.25 0.00	52.96 0.26 0.00	56.36 0.34 0.00	56.93 0.45 0.00	57.04 0.51 0.00	57.11 0.45 0.00	57.17 0.45 0.00	63.04 0.56 0.00	56.87 0.40 0.00	53.18 0.21 0.00	46.07 0.23 0.00	40.03 0.24 0.00
WESTERN_NY_WIND 24143	39.43 -0.28 0.00	35.20 -0.50 0.00	31.63 -0.84 0.00	29.53 -0.57 0.00	28.91 -0.68 0.00	33.39 -1.03 0.00	36.52 -1.29 0.21	36.54 -1.21 4.02	41.07 -2.07 0.00	41.23 -1.94 0.00	41.94 -1.88 0.00	43.29 -1.99 0.00	47.92 -2.26 0.00	50.16 -2.53 0.00	53.39 -2.63 0.00	54.65 -2.37 -0.54	56.08 -2.09 -1.64	58.82 -1.02 -3.18	58.77 -0.74 -2.80	61.97 -0.50 0.00	56.42 -0.06 0.00	52.28 -0.69 0.00	45.38 -0.46 0.00	39.95 0.16 0.00
WESTOVER___LESR 323668	39.75 0.04 0.00	35.62 -0.07 0.00	32.34 -0.13 0.00	30.16 0.06 0.00	29.65 0.06 0.00	34.32 -0.10 0.00	38.07 0.04 0.00	42.03 0.25 0.00	43.19 0.04 0.00	43.30 0.13 0.00	43.96 0.13 0.00	45.46 0.18 0.00	50.33 0.15 0.00	52.85 0.16 0.00	56.35 0.34 0.00	58.09 0.40 -1.22	60.75 0.51 -3.71	64.58 0.74 -7.18	63.88 0.85 -6.31	63.85 1.37 0.00	57.61 1.13 0.00	53.60 0.64 0.00	46.35 0.50 0.00	40.35 0.56 0.00
WETHRSFD_WT_PWR 323626	38.20 -1.51 0.00	34.09 -1.61 0.00	30.43 -2.04 0.00	28.29 -1.81 0.00	27.73 -1.86 0.00	31.94 -2.48 0.00	33.59 -2.85 1.58	8.83 -3.09 29.86	39.00 -4.14 0.00	39.16 -4.01 0.00	39.71 -4.12 0.00	41.02 -4.26 0.00	45.36 -4.82 0.00	47.79 -4.90 0.00	50.30 -5.71 0.00	51.80 -5.42 -0.75	53.99 -4.81 -2.26	57.07 -3.97 -4.38	56.93 -3.63 -3.85	59.48 -3.00 0.00	54.16 -2.32 0.00	50.21 -2.76 0.00	43.96 -1.88 0.00	38.68 -1.11 0.00
WHAVSTOR_138KV_BK127 55557	41.69 1.99 0.00	37.20 1.50 0.00	33.87 1.40 0.00	31.69 1.60 0.00	31.28 1.69 0.00	36.11 1.69 0.00	40.16 2.13 0.00	44.41 2.63 0.00	45.99 2.85 0.00	46.23 3.07 0.00	46.94 3.11 0.00	48.63 3.35 0.00	53.89 3.71 0.00	56.80 4.11 0.00	61.06 5.04 0.00	65.82 5.70 -3.64	73.24 5.77 -10.94	83.48 5.61 -21.21	80.74 5.39 -18.64	68.22 5.75 0.00	60.99 4.52 0.00	56.30 3.34 0.00	48.73 2.89 0.00	42.74 2.94 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.69 1.99 0.00	37.20 1.50 0.00	33.87 1.40 0.00	31.69 1.60 0.00	31.28 1.69 0.00	36.11 1.69 0.00	40.16 2.13 0.00	44.41 2.63 0.00	45.99 2.85 0.00	46.23 3.07 0.00	46.94 3.11 0.00	48.63 3.35 0.00	53.89 3.71 0.00	56.80 4.11 0.00	61.06 5.04 0.00	65.82 5.70 -3.64	73.24 5.77 -10.94	83.48 5.61 -21.21	80.74 5.39 -18.64	68.22 5.75 0.00	60.99 4.52 0.00	56.30 3.34 0.00	48.73 2.89 0.00	42.74 2.94 0.00
WHITEHAL_115KV_TB1 80871	42.53 2.82 0.00	38.12 2.43 0.00	34.49 2.01 0.00	32.03 1.93 0.00	31.49 1.89 0.00	36.90 2.48 0.00	40.69 2.66 0.00	44.91 3.13 0.00	46.25 3.11 0.00	46.06 2.89 0.00	46.63 2.80 0.00	48.00 2.72 0.00	53.49 3.31 0.00	56.38 3.69 0.00	59.83 3.81 0.00	64.60 3.84 -4.28	73.42 3.84 -13.04	86.58 4.65 -25.28	83.97 5.05 -22.21	68.47 6.00 0.00	61.90 5.42 0.00	58.05 5.08 0.00	49.88 4.03 0.00	43.14 3.34 0.00
WHITEPLN_13_KV_LOAD 356215	42.25 2.54 0.00	37.66 1.96 0.00	34.26 1.79 0.00	32.06 1.96 0.00	31.63 2.04 0.00	36.52 2.10 0.00	40.62 2.59 0.00	44.99 3.22 0.00	46.68 3.54 0.00	47.10 3.93 0.00	47.90 4.08 0.00	49.67 4.39 0.00	55.15 4.97 0.00	58.22 5.53 0.00	62.80 6.78 0.00	67.91 7.74 -3.69	75.50 7.86 -11.11	86.08 7.88 -21.54	83.13 7.49 -18.93	70.22 7.75 0.00	62.63 6.16 0.00	57.57 4.61 0.00	49.74 3.90 0.00	43.57 3.78 0.00
WM_FLOYD_69_KV_BK2 356380	42.61 2.70 -0.20	37.74 2.03 -0.01	34.23 1.75 0.00	32.21 2.11 -0.01	31.82 2.22 -0.01	36.42 2.00 0.00	40.77 2.74 0.00	45.03 3.26 0.00	46.42 3.28 0.00	46.97 3.80 0.00	46.76 2.94 0.00	48.62 3.35 0.00	54.70 4.52 0.00	59.68 5.22 -1.77	63.55 6.16 -1.37	69.95 7.00 -6.47	76.52 7.41 -12.59	88.04 7.31 -24.07	84.17 7.15 -20.31	71.08 7.56 -1.05	64.62 6.78 -1.37	58.00 5.03 0.00	48.39 4.17 1.63	43.93 4.14 0.00
WOODARD___115KV_TB2 355635	39.15 -0.56 0.00	35.30 -0.39 0.00	32.08 -0.39 0.00	29.80 -0.30 0.00	29.30 -0.30 0.00	34.01 -0.41 0.00	37.73 -0.30 0.00	41.32 -0.46 0.00	42.67 -0.47 0.00	42.74 -0.43 0.00	43.43 -0.39 0.00	44.92 -0.36 0.00	49.73 -0.45 0.00	52.22 -0.47 0.00	55.63 -0.39 0.00	56.60 -0.23 -0.35	57.38 -0.23 -1.07	58.68 -0.06 -2.08	58.48 -0.06 -1.82	62.47 0.00 0.00	56.36 -0.11 0.00	52.59 -0.37 0.00	45.43 -0.41 0.00	39.52 -0.28 0.00
WOODMERE_69_KV_BK1 55827	42.89 2.86 -0.32	38.10 2.39 -0.02	34.65 2.18 0.00	32.49 2.38 -0.01	32.06 2.46 -0.01	36.87 2.44 0.00	41.15 3.12 0.00	45.54 3.76 0.00	47.07 3.93 0.00	47.53 4.36 0.00	47.73 3.90 0.00	49.72 4.39 -0.05	55.86 5.62 -0.06	91.14 6.43 -32.01	88.55 7.56 -24.97	118.51 8.08 -53.96	102.53 8.42 -37.58	131.96 8.39 -66.91	108.44 8.17 -43.56	90.26 8.75 -19.04	88.24 7.12 -24.65	58.53 5.51 -0.06	87.27 4.95 -36.48	44.43 4.58 -0.05
YORK___WARBASSE 23770	42.37 2.66 0.00	37.80 2.11 0.00	34.39 1.92 0.00	32.12 2.02 0.00	31.69 2.10 0.00	36.52 2.10 0.00	40.58 2.55 0.00	44.99 3.22 0.00	46.47 3.32 0.00	46.84 3.67 0.00	47.73 3.90 0.00	49.49 4.21 0.00	54.95 4.77 0.00	57.75 5.06 0.00	62.30 6.27 -0.01	67.25 7.06 -3.72	74.67 7.01 -11.13	85.03 6.80 -21.57	82.13 6.47 -18.95	69.16 6.68 0.00	61.78 5.31 0.00	56.99 4.03 0.00	49.60 3.76 0.00	43.70 3.90 -0.01