

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion									
Generator Data		12/24/2025																													
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	EST	48.06	43.83	40.75	40.13	39.96	44.88	55.79	62.42	62.38	59.34	58.76	56.98	55.13	58.17	62.41	63.63	71.68	86.49	72.89	69.44	65.43	62.50	61.97	58.47						
		2.33	2.01	1.90	1.91	1.76	2.18	2.96	3.59	3.64	3.41	3.12	3.02	3.02	3.03	3.09	2.86	3.15	4.04	3.73	3.37	2.94	2.92	3.01	2.78						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_1 24260	EST	48.19	43.96	40.86	40.21	40.04	44.97	55.85	62.48	62.44	59.40	58.82	57.04	55.19	58.23	62.41	63.63	71.68	86.49	72.95	69.44	65.50	62.62	62.09	58.58						
		2.47	2.13	2.02	1.99	1.83	2.26	3.01	3.65	3.70	3.47	3.17	3.08	3.07	3.09	3.09	2.86	3.15	4.04	3.80	3.37	3.00	3.04	3.12	2.90						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_2 24261	EST	48.19	43.96	40.86	40.21	40.04	44.97	55.85	62.48	62.44	59.40	58.82	57.04	55.19	58.23	62.41	63.63	71.68	86.49	72.95	69.44	65.50	62.62	62.09	58.58						
		2.47	2.13	2.02	1.99	1.83	2.26	3.01	3.65	3.70	3.47	3.17	3.08	3.07	3.09	3.09	2.86	3.15	4.04	3.80	3.37	3.00	3.04	3.12	2.90						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK HUDSON___FALLS 24011	EST	47.92	43.75	40.59	39.94	39.92	44.88	55.53	61.95	61.74	58.45	57.93	56.01	53.78	56.96	61.29	63.33	71.48	86.41	72.75	69.51	65.75	62.62	62.03	58.41						
		2.19	1.92	1.75	1.72	1.72	2.18	2.69	3.12	3.00	2.52	2.28	2.05	1.67	1.82	1.96	2.55	2.95	3.96	3.60	3.44	3.25	3.04	3.07	2.73						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK RESOURCE___RCVRY 23798	EST	48.06	43.83	40.71	40.02	40.00	45.05	55.74	62.18	61.97	58.62	58.16	56.17	53.93	57.12	61.46	63.52	71.62	86.82	73.16	69.77	66.12	62.91	62.26	58.52						
		2.33	2.01	1.86	1.80	1.80	2.35	2.90	3.35	3.23	2.68	2.51	2.21	1.82	1.98	2.13	2.74	3.09	4.37	4.01	3.70	3.62	3.33	3.30	2.84						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK S GLENS___FALLS 24028	EST	47.92	43.75	40.59	39.94	39.92	44.88	55.53	61.95	61.74	58.45	57.93	56.01	53.78	56.96	61.29	63.33	71.48	86.41	72.75	69.51	65.75	62.62	62.03	58.41						
		2.19	1.92	1.75	1.72	1.72	2.18	2.69	3.12	3.00	2.52	2.28	2.05	1.67	1.82	1.96	2.55	2.95	3.96	3.60	3.44	3.25	3.04	3.07	2.73						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK_NYS___DAM 23527	EST	48.10	43.88	40.75	40.09	40.08	44.93	55.63	61.83	61.68	58.62	58.37	56.55	54.56	57.73	62.00	63.52	71.27	86.07	72.27	69.05	65.50	62.50	61.85	58.30						
		2.38	2.05	1.90	1.87	1.87	2.22	2.80	3.00	2.94	2.68	2.73	2.59	2.45	2.59	2.67	2.74	2.74	3.62	3.11	2.98	3.00	2.92	2.89	2.62						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
AIR_PRODUCTS___DRP 24190	EST	47.19	43.04	40.01	39.37	39.31	44.03	54.42	59.72	59.56	56.60	56.32	54.61	52.68	55.75	59.86	61.32	68.74	82.70	69.57	66.47	63.06	60.23	59.79	56.57						
		1.46	1.21	1.17	1.15	1.11	1.32	1.59	0.88	0.82	0.67	0.67	0.65	0.57	0.61	0.53	0.55	0.21	0.25	0.41	0.40	0.56	0.66	0.83	0.89						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
AKWESSNE_115KV_BK 355683	EST	46.32	42.41	39.39	38.68	38.70	43.26	53.52	59.66	59.45	56.60	56.37	54.66	52.89	55.80	60.04	61.57	69.08	82.94	69.57	67.13	63.56	60.59	59.96	56.57						
		0.59	0.59	0.54	0.46	0.50	0.56	0.69	0.82	0.70	0.67	0.72	0.70	0.78	0.66	0.71	0.79	0.55	0.49	0.41	1.06	1.06	1.01	1.00	0.89						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY_1_SOLAR 323833	EST	47.69	43.50	40.40	39.71	39.66	44.46	54.84	60.60	60.39	57.27	56.82	55.04	53.10	56.24	60.45	62.18	69.90	84.42	70.88	67.73	64.31	61.43	60.85	57.41						
		1.96	1.67	1.56	1.49	1.45	1.75	2.01	1.76	1.64	1.34	1.17	1.08	0.99	1.10	1.12	1.40	1.37	1.98	1.73	1.65	1.81	1.85	1.89	1.73						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY_2_SOLAR 323834	EST	47.65	43.46	40.40	39.71	39.66	44.42	54.84	60.60	60.39	57.27	56.82	55.04	53.10	56.24	60.45	62.18	69.90	84.35	70.88	67.73	64.31	61.43	60.85	57.35						
		1.92	1.63	1.56	1.49	1.45	1.71	2.01	1.76	1.64	1.34	1.17	1.08	0.99	1.10	1.12	1.40	1.37	1.90	1.73	1.65	1.81	1.85	1.89	1.67						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY___1 23571	EST	47.19	43.04	40.01	39.37	39.31	44.03	54.42	59.72	59.56	56.60	56.32	54.61	52.68	55.75	59.86	61.32	68.74	82.70	69.57	66.47	63.06	60.23	59.79	56.57						
		1.46	1.21	1.17	1.15	1.11	1.32	1.59	0.88	0.82	0.67	0.67	0.65	0.57	0.61	0.53	0.55	0.21	0.25	0.41	0.40	0.56	0.66	0.83	0.89						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

ALBANY___2 23572	47.19 1.46 0.00	43.04 1.21 0.00	40.01 1.17 0.00	39.37 1.15 0.00	39.31 1.11 0.00	44.03 1.32 0.00	54.42 1.59 0.00	59.72 0.88 0.00	59.56 0.82 0.00	56.60 0.67 0.00	56.32 0.67 0.00	54.61 0.65 0.00	52.68 0.57 0.00	55.75 0.61 0.00	59.86 0.53 0.00	61.32 0.55 0.00	68.74 0.21 0.00	82.70 0.25 0.00	69.57 0.41 0.00	66.47 0.40 0.00	63.06 0.56 0.00	60.23 0.66 0.00	59.79 0.83 0.00	56.57 0.89 0.00
ALBANY___3 23573	47.19 1.46 0.00	43.04 1.21 0.00	40.01 1.17 0.00	39.37 1.15 0.00	39.31 1.11 0.00	44.03 1.32 0.00	54.42 1.59 0.00	59.72 0.88 0.00	59.56 0.82 0.00	56.60 0.67 0.00	56.32 0.67 0.00	54.61 0.65 0.00	52.68 0.57 0.00	55.75 0.61 0.00	59.86 0.53 0.00	61.32 0.55 0.00	68.74 0.21 0.00	82.70 0.25 0.00	69.57 0.41 0.00	66.47 0.40 0.00	63.06 0.56 0.00	60.23 0.66 0.00	59.79 0.83 0.00	56.57 0.89 0.00
ALBANY___4 23574	47.19 1.46 0.00	43.04 1.21 0.00	40.01 1.17 0.00	39.37 1.15 0.00	39.31 1.11 0.00	44.03 1.32 0.00	54.42 1.59 0.00	59.72 0.88 0.00	59.56 0.82 0.00	56.60 0.67 0.00	56.32 0.67 0.00	54.61 0.65 0.00	52.68 0.57 0.00	55.75 0.61 0.00	59.86 0.53 0.00	61.32 0.55 0.00	68.74 0.21 0.00	82.70 0.25 0.00	69.57 0.41 0.00	66.47 0.40 0.00	63.06 0.56 0.00	60.23 0.66 0.00	59.79 0.83 0.00	56.57 0.89 0.00
ALBANY___LFGE 323615	47.42 1.69 0.00	43.25 1.42 0.00	40.16 1.32 0.00	39.52 1.30 0.00	39.46 1.26 0.00	44.29 1.58 0.00	54.68 1.85 0.00	60.13 1.29 0.00	59.92 1.17 0.00	57.05 1.12 0.00	56.76 1.11 0.00	55.04 1.08 0.00	53.10 0.99 0.00	56.18 1.05 0.00	60.22 0.89 0.00	61.75 0.97 0.00	69.15 0.62 0.00	83.27 0.82 0.00	69.98 0.83 0.00	66.87 0.80 0.00	63.62 1.13 0.00	60.77 1.19 0.00	60.14 1.18 0.00	56.74 1.06 0.00
ALCOA_PA_115KV_PL-6C 55860	46.69 0.96 0.00	42.75 0.92 0.00	39.70 0.85 0.00	38.99 0.76 0.00	39.04 0.84 0.00	43.56 0.85 0.00	53.99 1.16 0.00	60.13 1.29 0.00	59.98 1.24 0.00	57.05 1.12 0.00	56.82 1.17 0.00	55.10 1.13 0.00	53.31 1.20 0.00	56.30 1.16 0.00	60.58 1.25 0.00	62.11 1.34 0.00	70.31 1.78 0.00	84.10 1.65 0.00	70.74 1.59 0.00	67.66 1.58 0.00	64.12 1.62 0.00	61.12 1.55 0.00	60.49 1.53 0.00	57.02 1.33 0.00
ALCOA_RYNLDS___DRP 24188	46.69 0.96 0.00	42.75 0.92 0.00	39.70 0.85 0.00	38.99 0.76 0.00	39.04 0.84 0.00	43.56 0.85 0.00	53.94 1.11 0.00	60.13 1.29 0.00	59.98 1.23 0.00	57.05 1.12 0.00	56.82 1.17 0.00	55.09 1.13 0.00	53.31 1.20 0.00	56.24 1.10 0.00	60.57 1.25 0.00	62.11 1.34 0.00	70.04 1.51 0.00	84.02 1.57 0.00	70.46 1.31 0.00	67.59 1.52 0.00	64.12 1.62 0.00	61.13 1.55 0.00	60.49 1.53 0.00	57.02 1.34 0.00
ALCOA___DSASP 323711	46.69 0.96 0.00	42.75 0.92 0.00	39.70 0.85 0.00	38.99 0.76 0.00	39.04 0.84 0.00	43.56 0.85 0.00	53.94 1.11 0.00	60.13 1.29 0.00	59.98 1.23 0.00	57.05 1.12 0.00	56.82 1.17 0.00	55.09 1.13 0.00	53.31 1.20 0.00	56.24 1.10 0.00	60.57 1.25 0.00	62.11 1.34 0.00	70.04 1.51 0.00	84.02 1.57 0.00	70.46 1.31 0.00	67.59 1.52 0.00	64.12 1.62 0.00	61.13 1.55 0.00	60.49 1.53 0.00	57.02 1.34 0.00
ALLEGHENY___COGEN 23514	44.63 -1.10 0.00	40.99 -0.84 0.00	38.07 -0.78 0.00	37.65 -0.57 0.00	37.75 -0.46 0.00	41.68 -1.03 0.00	51.72 -1.11 0.00	57.66 -1.18 0.00	57.74 -1.00 0.00	55.65 -0.28 0.00	55.32 -0.33 0.00	53.75 -0.21 0.00	51.54 -0.57 0.00	54.59 -0.55 0.00	57.55 -1.78 0.00	59.50 -1.28 0.00	67.78 -0.75 0.00	81.79 -0.66 0.00	67.91 -1.24 0.00	65.08 -0.99 0.00	60.94 -1.56 0.00	57.49 -2.09 0.00	58.78 -0.18 0.00	56.63 0.95 0.00
ALTAMONT_115KV_TB 2 55880	46.96 1.23 0.00	42.87 1.05 0.00	39.85 1.01 0.00	39.22 0.99 0.00	39.12 0.92 0.00	43.82 1.11 0.00	54.21 1.37 0.00	60.07 1.24 0.00	59.98 1.23 0.00	57.05 1.12 0.00	56.71 1.06 0.00	54.93 0.97 0.00	53.05 0.94 0.00	56.13 0.99 0.00	60.34 1.01 0.00	61.81 1.03 0.00	69.42 0.89 0.00	83.60 1.15 0.00	70.26 1.11 0.00	67.06 0.99 0.00	63.50 1.00 0.00	60.65 1.07 0.00	60.08 1.12 0.00	56.85 1.17 0.00
ALTONA_WT_PWR 323606	46.50 0.78 0.00	42.62 0.79 0.00	39.54 0.70 0.00	38.80 0.57 0.00	38.78 0.57 0.00	43.35 0.64 0.00	53.73 0.90 0.00	59.89 1.06 0.00	59.86 1.11 0.00	56.99 1.06 0.00	56.82 1.17 0.00	55.10 1.13 0.00	53.36 1.25 0.00	56.30 1.16 0.00	60.58 1.25 0.00	62.11 1.34 0.00	70.52 1.99 0.00	84.51 2.06 0.00	71.02 1.87 0.00	67.92 1.85 0.00	64.24 1.75 0.00	61.24 1.67 0.00	60.49 1.53 0.00	56.96 1.28 0.00
AMERICAN_REF_FUEL 24010	40.92 -4.80 0.00	37.94 -3.89 0.00	35.42 -3.42 0.00	35.13 -3.09 0.00	35.19 -3.02 0.00	37.62 -5.08 0.00	45.65 -7.19 0.00	50.36 -8.47 0.00	50.87 -7.87 0.00	50.11 -5.82 0.00	50.03 -5.62 0.00	48.73 -5.23 0.00	46.32 -5.79 0.00	49.29 -5.85 0.00	54.11 -5.22 0.00	55.06 -5.72 0.00	61.88 -6.65 0.00	74.20 -8.24 0.00	61.06 -8.09 0.00	58.94 -7.14 0.00	55.00 -7.50 0.00	52.13 -7.45 0.00	52.00 -6.96 0.00	52.01 -3.68 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.24 -5.49 0.00	37.14 -4.68 0.00	34.72 -4.12 0.00	34.48 -3.74 0.00	34.65 -3.55 0.00	37.71 -5.00 0.00	46.71 -6.13 0.00	52.01 -6.82 0.00	52.87 -5.87 0.00	52.35 -3.58 0.00	52.59 -3.06 0.00	51.43 -2.54 0.00	49.09 -3.02 0.00	52.49 -2.65 0.00	57.55 -1.78 0.00	58.71 -2.07 0.00	66.27 -2.26 0.00	79.48 -2.96 0.00	65.35 -3.80 0.00	62.77 -3.30 0.00	58.62 -3.87 0.00	54.87 -4.71 0.00	54.42 -4.54 0.00	53.29 -2.39 0.00
ARTHUR KILL_GT_1 23520	48.74 3.02 0.00	44.46 2.64 0.00	41.37 2.52 0.00	40.67 2.45 0.00	40.46 2.25 0.00	45.23 2.52 0.00	55.95 3.12 0.00	61.72 2.88 0.00	61.44 2.70 0.00	58.51 2.57 0.00	57.82 2.17 0.00	56.28 2.32 0.00	54.87 2.76 0.00	57.35 2.21 0.00	61.34 2.02 0.00	62.54 1.76 0.00	70.38 1.85 0.00	84.92 2.47 0.00	71.85 2.70 0.00	68.39 2.31 0.00	64.62 2.12 0.00	61.78 2.20 0.00	61.50 2.54 0.00	58.63 2.95 0.00
ARTHUR_KILL_2 23512	48.70 2.97 -0.01	44.43 2.59 -0.01	41.21 2.37 0.00	40.52 2.29 0.00	40.38 2.18 0.00	45.22 2.52 0.00	56.00 3.17 0.00	61.82 3.00 0.01	61.55 2.82 0.01	58.67 2.74 0.00	57.99 2.34 0.00	56.39 2.43 0.00	55.03 2.92 0.00	57.83 2.70 0.01	61.45 2.13 0.01	62.47 1.70 0.01	70.16 1.64 0.01	84.91 2.47 0.01	71.42 2.28 0.01	68.04 1.98 0.01	64.55 2.06 0.01	62.07 2.50 0.01	61.67 2.71 0.00	58.30 2.62 0.00
ARTHUR_KILL_3 23513	47.78 2.06 0.00	43.54 1.72 0.00	40.40 1.56 0.00	39.75 1.53 0.00	39.66 1.45 0.00	44.67 1.97 0.00	55.37 2.54 0.00	62.13 3.29 0.00	62.09 3.35 0.00	59.06 3.13 0.00	58.43 2.78 0.00	56.66 2.70 0.00	54.92 2.81 0.00	58.11 2.98 0.00	62.12 2.79 0.00	63.09 2.31 0.00	70.93 2.40 0.00	85.75 3.30 0.00	71.99 2.84 0.00	68.65 2.57 0.00	64.93 2.43 0.00	62.14 2.56 0.00	61.44 2.48 0.00	57.74 2.06 0.00

ARTHUR_KILL_COGEN 323718	48.80 3.06 -0.01	44.51 2.68 -0.01	41.33 2.49 0.00	40.59 2.37 0.00	40.50 2.29 0.00	45.35 2.65 0.00	56.16 3.33 0.00	62.00 3.17 0.01	61.73 2.99 0.01	58.78 2.85 0.00	58.16 2.51 0.00	56.55 2.59 0.00	55.18 3.07 0.00	57.94 2.81 0.01	61.63 2.31 0.01	62.59 1.82 0.01	70.37 1.85 0.01	85.16 2.72 0.01	71.70 2.56 0.01	68.31 2.25 0.01	64.74 2.25 0.01	62.25 2.68 0.01	61.91 2.95 0.00	58.47 2.78 0.00
ASHOKAN____ 23654	48.56 2.84 0.00	44.08 2.26 0.00	40.98 2.13 0.00	40.17 1.95 0.00	40.08 1.87 0.00	44.97 2.26 0.00	55.00 2.17 0.00	61.25 2.41 0.00	61.15 2.41 0.00	57.44 1.51 0.00	56.65 1.00 0.00	54.72 0.76 0.00	52.89 0.78 0.00	55.91 0.77 0.00	60.27 0.95 0.00	62.42 1.64 0.00	70.99 2.46 0.00	85.91 3.46 0.00	72.05 2.90 0.00	69.05 2.98 0.00	65.31 2.81 0.00	62.38 2.80 0.00	61.85 2.89 0.00	57.74 2.06 0.00
ASTORIA_EAST_ENERGY_CC1 323581	48.02 2.29 -0.01	43.76 1.93 -0.01	40.63 1.79 0.00	39.94 1.72 0.00	39.81 1.60 0.00	44.63 1.92 0.00	55.31 2.48 0.01	62.00 3.17 0.01	61.96 3.23 0.01	58.94 3.02 0.01	58.31 2.67 0.01	56.60 2.64 0.01	54.86 2.76 0.01	58.00 2.87 0.01	61.87 2.55 0.01	62.77 2.00 0.01	70.44 1.92 0.01	85.16 2.72 0.01	71.56 2.42 0.01	68.18 2.11 0.01	64.68 2.19 0.01	61.83 2.26 0.01	61.32 2.36 0.00	57.68 2.00 0.00
ASTORIA_EAST_ENERGY_CC2 323582	48.02 2.29 -0.01	43.76 1.93 -0.01	40.63 1.79 0.00	39.94 1.72 0.00	39.81 1.60 0.00	44.63 1.92 0.00	55.31 2.48 0.01	62.00 3.17 0.01	61.96 3.23 0.01	58.94 3.02 0.01	58.31 2.67 0.01	56.60 2.64 0.01	54.86 2.76 0.01	58.00 2.87 0.01	61.87 2.55 0.01	62.77 2.00 0.01	70.44 1.92 0.01	85.16 2.72 0.01	71.56 2.42 0.01	68.18 2.11 0.01	64.68 2.19 0.01	61.83 2.26 0.01	61.32 2.36 0.00	57.68 2.00 0.00
ASTORIA_GT2_1 24094	47.92 2.19 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.02 1.80 0.00	39.81 1.60 0.00	44.54 1.84 0.00	55.32 2.48 0.00	61.72 2.88 0.00	61.68 2.94 0.00	58.73 2.80 0.00	58.10 2.45 0.00	56.39 2.43 0.00	54.61 2.50 0.00	57.51 2.37 0.00	61.64 2.31 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.00 2.56 0.00	71.78 2.63 0.00	68.32 2.25 0.00	64.56 2.06 0.00	61.72 2.14 0.00	61.26 2.30 0.00	58.08 2.39 0.00
ASTORIA_GT2_2 24095	47.92 2.19 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.02 1.80 0.00	39.81 1.60 0.00	44.54 1.84 0.00	55.32 2.48 0.00	61.72 2.88 0.00	61.68 2.94 0.00	58.73 2.80 0.00	58.10 2.45 0.00	56.39 2.43 0.00	54.61 2.50 0.00	57.51 2.37 0.00	61.64 2.31 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.00 2.56 0.00	71.78 2.63 0.00	68.32 2.25 0.00	64.56 2.06 0.00	61.72 2.14 0.00	61.26 2.30 0.00	58.08 2.39 0.00
ASTORIA_GT2_3 24096	47.92 2.19 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.02 1.80 0.00	39.81 1.60 0.00	44.54 1.84 0.00	55.32 2.48 0.00	61.72 2.88 0.00	61.68 2.94 0.00	58.73 2.80 0.00	58.10 2.45 0.00	56.39 2.43 0.00	54.61 2.50 0.00	57.51 2.37 0.00	61.64 2.31 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.00 2.56 0.00	71.78 2.63 0.00	68.32 2.25 0.00	64.56 2.06 0.00	61.72 2.14 0.00	61.26 2.30 0.00	58.08 2.39 0.00
ASTORIA_GT2_4 24097	47.92 2.19 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.02 1.80 0.00	39.81 1.60 0.00	44.54 1.84 0.00	55.32 2.48 0.00	61.72 2.88 0.00	61.68 2.94 0.00	58.73 2.80 0.00	58.10 2.45 0.00	56.39 2.43 0.00	54.61 2.50 0.00	57.51 2.37 0.00	61.64 2.31 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.00 2.56 0.00	71.78 2.63 0.00	68.32 2.25 0.00	64.56 2.06 0.00	61.72 2.14 0.00	61.26 2.30 0.00	58.08 2.39 0.00
ASTORIA_GT3_1 24098	47.92 2.19 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.02 1.80 0.00	39.81 1.60 0.00	44.54 1.84 0.00	55.32 2.48 0.00	61.72 2.88 0.00	61.68 2.94 0.00	58.73 2.80 0.00	58.10 2.45 0.00	56.39 2.43 0.00	54.61 2.50 0.00	57.51 2.37 0.00	61.64 2.31 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.00 2.56 0.00	71.78 2.63 0.00	68.32 2.25 0.00	64.56 2.06 0.00	61.72 2.14 0.00	61.26 2.30 0.00	58.08 2.39 0.00
ASTORIA_GT3_2 24099	47.92 2.19 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.02 1.80 0.00	39.81 1.60 0.00	44.54 1.84 0.00	55.32 2.48 0.00	61.72 2.88 0.00	61.68 2.94 0.00	58.73 2.80 0.00	58.10 2.45 0.00	56.39 2.43 0.00	54.61 2.50 0.00	57.51 2.37 0.00	61.64 2.31 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.00 2.56 0.00	71.78 2.63 0.00	68.32 2.25 0.00	64.56 2.06 0.00	61.72 2.14 0.00	61.26 2.30 0.00	58.08 2.39 0.00
ASTORIA_GT3_3 24100	47.92 2.19 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.02 1.80 0.00	39.81 1.60 0.00	44.54 1.84 0.00	55.32 2.48 0.00	61.72 2.88 0.00	61.68 2.94 0.00	58.73 2.80 0.00	58.10 2.45 0.00	56.39 2.43 0.00	54.61 2.50 0.00	57.51 2.37 0.00	61.64 2.31 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.00 2.56 0.00	71.78 2.63 0.00	68.32 2.25 0.00	64.56 2.06 0.00	61.72 2.14 0.00	61.26 2.30 0.00	58.08 2.39 0.00
ASTORIA_GT3_4 24101	47.92 2.19 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.02 1.80 0.00	39.81 1.60 0.00	44.54 1.84 0.00	55.32 2.48 0.00	61.72 2.88 0.00	61.68 2.94 0.00	58.73 2.80 0.00	58.10 2.45 0.00	56.39 2.43 0.00	54.61 2.50 0.00	57.51 2.37 0.00	61.64 2.31 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.00 2.56 0.00	71.78 2.63 0.00	68.32 2.25 0.00	64.56 2.06 0.00	61.72 2.14 0.00	61.26 2.30 0.00	58.08 2.39 0.00
ASTORIA_GT4_1 24102	47.92 2.19 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.02 1.80 0.00	39.81 1.60 0.00	44.54 1.84 0.00	55.32 2.48 0.00	61.72 2.88 0.00	61.68 2.94 0.00	58.73 2.80 0.00	58.10 2.45 0.00	56.39 2.43 0.00	54.61 2.50 0.00	57.51 2.37 0.00	61.64 2.31 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.00 2.56 0.00	71.78 2.63 0.00	68.32 2.25 0.00	64.56 2.06 0.00	61.72 2.14 0.00	61.26 2.30 0.00	58.08 2.39 0.00
ASTORIA_GT4_2 24103	47.92 2.19 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.02 1.80 0.00	39.81 1.60 0.00	44.54 1.84 0.00	55.32 2.48 0.00	61.72 2.88 0.00	61.68 2.94 0.00	58.73 2.80 0.00	58.10 2.45 0.00	56.39 2.43 0.00	54.61 2.50 0.00	57.51 2.37 0.00	61.64 2.31 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.00 2.56 0.00	71.78 2.63 0.00	68.32 2.25 0.00	64.56 2.06 0.00	61.72 2.14 0.00	61.26 2.30 0.00	58.08 2.39 0.00
ASTORIA_GT4_3 24104	47.92 2.19 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.02 1.80 0.00	39.81 1.60 0.00	44.54 1.84 0.00	55.32 2.48 0.00	61.72 2.88 0.00	61.68 2.94 0.00	58.73 2.80 0.00	58.10 2.45 0.00	56.39 2.43 0.00	54.61 2.50 0.00	57.51 2.37 0.00	61.64 2.31 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.00 2.56 0.00	71.78 2.63 0.00	68.32 2.25 0.00	64.56 2.06 0.00	61.72 2.14 0.00	61.26 2.30 0.00	58.08 2.39 0.00

ASTORIA_GT4_4 24105	47.92 2.19 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.02 1.80 0.00	39.81 1.60 0.00	44.54 1.84 0.00	55.32 2.48 0.00	61.72 2.88 0.00	61.68 2.94 0.00	58.73 2.80 0.00	58.10 2.45 0.00	56.39 2.43 0.00	54.61 2.50 0.00	57.51 2.37 0.00	61.64 2.31 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.00 2.56 0.00	71.78 2.63 0.00	68.32 2.25 0.00	64.56 2.06 0.00	61.72 2.14 0.00	61.26 2.30 0.00	58.08 2.39 0.00
ASTORIA_GT_1 23523	48.01 2.29 0.00	43.79 1.97 0.00	40.75 1.90 0.00	40.06 1.83 0.00	39.88 1.68 0.00	44.58 1.88 0.00	55.37 2.54 0.00	61.83 3.00 0.00	61.80 3.05 0.00	58.84 2.91 0.00	58.15 2.50 0.00	56.50 2.54 0.00	54.72 2.61 0.00	57.62 2.48 0.00	61.70 2.37 0.00	62.78 2.01 0.00	70.65 2.12 0.00	85.17 2.72 0.00	71.92 2.77 0.00	68.52 2.44 0.00	64.68 2.19 0.00	61.84 2.26 0.00	61.38 2.42 0.00	58.13 2.45 0.00
ASTORIA_GT_10 24110	48.24 2.51 0.00	44.00 2.17 0.00	40.82 1.98 0.00	40.17 1.95 0.00	40.00 1.80 0.00	44.80 2.09 0.00	55.63 2.80 0.00	62.07 3.24 0.00	61.97 3.23 0.00	59.01 3.08 0.00	58.38 2.73 0.00	56.66 2.70 0.00	54.87 2.76 0.00	57.79 2.65 0.00	61.94 2.61 0.00	63.09 2.31 0.00	70.93 2.40 0.00	85.50 3.05 0.00	72.19 3.04 0.00	68.78 2.71 0.00	65.00 2.50 0.00	62.08 2.50 0.00	61.61 2.65 0.00	58.36 2.67 0.00
ASTORIA_GT_11 24225	48.24 2.51 0.00	44.00 2.17 0.00	40.82 1.98 0.00	40.17 1.95 0.00	40.00 1.80 0.00	44.80 2.09 0.00	55.63 2.80 0.00	62.07 3.24 0.00	61.97 3.23 0.00	59.01 3.08 0.00	58.38 2.73 0.00	56.66 2.70 0.00	54.87 2.76 0.00	57.79 2.65 0.00	61.94 2.61 0.00	63.09 2.31 0.00	70.93 2.40 0.00	85.50 3.05 0.00	72.19 3.04 0.00	68.78 2.71 0.00	65.00 2.50 0.00	62.08 2.50 0.00	61.61 2.65 0.00	58.36 2.67 0.00
ASTORIA_GT_12 24226	48.24 2.51 0.00	44.00 2.17 0.00	40.82 1.98 0.00	40.17 1.95 0.00	40.00 1.80 0.00	44.80 2.09 0.00	55.63 2.80 0.00	62.07 3.24 0.00	61.97 3.23 0.00	59.01 3.08 0.00	58.38 2.73 0.00	56.66 2.70 0.00	54.87 2.76 0.00	57.79 2.65 0.00	61.94 2.61 0.00	63.09 2.31 0.00	70.93 2.40 0.00	85.50 3.05 0.00	72.19 3.04 0.00	68.78 2.71 0.00	65.00 2.50 0.00	62.08 2.50 0.00	61.61 2.65 0.00	58.36 2.67 0.00
ASTORIA_GT_13 24227	48.24 2.51 0.00	44.00 2.17 0.00	40.82 1.98 0.00	40.17 1.95 0.00	40.00 1.80 0.00	44.80 2.09 0.00	55.63 2.80 0.00	62.07 3.24 0.00	61.97 3.23 0.00	59.01 3.08 0.00	58.38 2.73 0.00	56.66 2.70 0.00	54.87 2.76 0.00	57.79 2.65 0.00	61.94 2.61 0.00	63.09 2.31 0.00	70.93 2.40 0.00	85.50 3.05 0.00	72.19 3.04 0.00	68.78 2.71 0.00	65.00 2.50 0.00	62.08 2.50 0.00	61.61 2.65 0.00	58.36 2.67 0.00
ASTORIA_GT_5 24106	48.01 2.29 0.00	43.79 1.97 0.00	40.75 1.90 0.00	40.06 1.83 0.00	39.88 1.68 0.00	44.58 1.88 0.00	55.37 2.54 0.00	61.83 3.00 0.00	61.80 3.05 0.00	58.84 2.91 0.00	58.15 2.50 0.00	56.50 2.54 0.00	54.72 2.61 0.00	57.62 2.48 0.00	61.70 2.37 0.00	62.78 2.01 0.00	70.65 2.12 0.00	85.17 2.72 0.00	71.92 2.77 0.00	68.52 2.44 0.00	64.68 2.19 0.00	61.84 2.26 0.00	61.38 2.42 0.00	58.13 2.45 0.00
ASTORIA_GT_7 24107	48.01 2.29 0.00	43.79 1.97 0.00	40.75 1.90 0.00	40.06 1.83 0.00	39.88 1.68 0.00	44.58 1.88 0.00	55.37 2.54 0.00	61.83 3.00 0.00	61.80 3.05 0.00	58.84 2.91 0.00	58.15 2.50 0.00	56.50 2.54 0.00	54.72 2.61 0.00	57.62 2.48 0.00	61.70 2.37 0.00	62.78 2.01 0.00	70.65 2.12 0.00	85.17 2.72 0.00	71.92 2.77 0.00	68.52 2.44 0.00	64.68 2.19 0.00	61.84 2.26 0.00	61.38 2.42 0.00	58.13 2.45 0.00
ASTORIA_GT_8 24108	48.01 2.29 0.00	43.79 1.97 0.00	40.75 1.90 0.00	40.06 1.83 0.00	39.88 1.68 0.00	44.58 1.88 0.00	55.37 2.54 0.00	61.83 3.00 0.00	61.80 3.05 0.00	58.84 2.91 0.00	58.15 2.50 0.00	56.50 2.54 0.00	54.72 2.61 0.00	57.62 2.48 0.00	61.70 2.37 0.00	62.78 2.01 0.00	70.65 2.12 0.00	85.17 2.72 0.00	71.92 2.77 0.00	68.52 2.44 0.00	64.68 2.19 0.00	61.84 2.26 0.00	61.38 2.42 0.00	58.13 2.45 0.00
ASTORIA___2 24149	48.02 2.29 -0.01	43.80 1.97 -0.01	40.67 1.83 0.00	39.94 1.72 0.00	39.85 1.64 0.00	44.67 1.97 0.00	55.31 2.48 0.01	62.06 3.23 0.01	61.96 3.23 0.01	59.00 3.07 0.01	58.31 2.67 0.01	56.60 2.64 0.01	54.86 2.76 0.01	58.00 2.87 0.01	61.87 2.55 0.01	62.77 2.00 0.01	70.51 1.99 0.01	85.16 2.72 0.01	71.63 2.49 0.01	68.24 2.18 0.01	64.68 2.19 0.01	61.89 2.32 0.01	61.32 2.36 0.00	57.68 2.00 0.00
ASTORIA___3 23516	48.34 2.60 -0.01	44.05 2.22 -0.01	40.78 1.94 0.00	40.09 1.87 0.00	40.00 1.80 0.00	44.93 2.22 0.00	55.68 2.85 0.00	62.42 3.59 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.18 3.07 0.00	58.34 3.20 0.00	62.23 2.91 0.00	63.21 2.43 0.00	70.93 2.40 0.00	85.75 3.30 0.00	72.05 2.90 0.00	68.72 2.65 0.00	65.12 2.62 0.00	62.26 2.68 0.00	61.67 2.71 0.00	58.02 2.34 0.00
ASTORIA___4 23517	48.24 2.51 0.00	44.00 2.17 0.00	40.82 1.98 0.00	40.17 1.95 0.00	40.00 1.80 0.00	44.80 2.09 0.00	55.63 2.80 0.00	62.07 3.24 0.00	61.97 3.23 0.00	59.01 3.08 0.00	58.38 2.73 0.00	56.66 2.70 0.00	54.87 2.76 0.00	57.79 2.65 0.00	61.94 2.61 0.00	63.09 2.31 0.00	70.93 2.40 0.00	85.50 3.05 0.00	72.19 3.04 0.00	68.78 2.71 0.00	65.00 2.50 0.00	62.08 2.50 0.00	61.61 2.65 0.00	58.36 2.67 0.00
ASTORIA___5 23518	48.34 2.60 -0.01	44.05 2.22 -0.01	40.78 1.94 0.00	40.09 1.87 0.00	40.00 1.80 0.00	44.93 2.22 0.00	55.68 2.85 0.00	62.42 3.59 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.18 3.07 0.00	58.34 3.20 0.00	62.23 2.91 0.00	63.21 2.43 0.00	70.93 2.40 0.00	85.75 3.30 0.00	72.05 2.90 0.00	68.72 2.65 0.00	65.12 2.62 0.00	62.26 2.68 0.00	61.67 2.71 0.00	58.02 2.34 0.00
AST_ENERGY_2_CC3 323677	42.76 2.19 5.16	42.76 1.80 0.86	40.51 1.67 0.00	39.83 1.61 0.00	39.73 1.53 0.00	42.76 2.01 1.95	42.76 2.64 12.71	42.76 3.41 19.48	42.76 3.41 19.39	42.76 3.19 16.36	56.94 2.84 1.55	56.70 2.75 0.02	54.91 2.81 0.02	56.94 2.98 1.18	56.94 2.85 5.24	57.18 2.37 5.97	65.04 2.54 6.03	79.89 3.46 6.02	66.11 2.97 6.02	62.75 2.71 6.03	59.02 2.56 6.04	56.94 2.62 5.26	56.94 2.59 4.61	57.85 2.17 0.00
AST_ENERGY_2_CC4 323678	42.76 2.19 5.16	42.76 1.80 0.86	40.51 1.67 0.00	39.83 1.61 0.00	39.73 1.53 0.00	42.76 2.01 1.95	42.76 2.64 12.71	42.76 3.41 19.48	42.76 3.41 19.39	42.76 3.19 16.36	56.94 2.84 1.55	56.70 2.75 0.02	54.91 2.81 0.02	56.94 2.98 1.18	56.94 2.85 5.24	57.18 2.37 5.97	65.04 2.54 6.03	79.89 3.46 6.02	66.11 2.97 6.02	62.75 2.71 6.03	59.02 2.56 6.04	56.94 2.62 5.26	56.94 2.59 4.61	57.85 2.17 0.00

ATHENS_STG_1 23668	47.14	43.04	39.93	39.29	39.24	44.03	54.47	60.77	60.62	57.67	57.26	55.47	53.62	56.79	60.99	62.23	69.90	84.26	70.67	67.52	63.94	61.07	60.49	56.91
	1.42	1.21	1.09	1.07	1.03	1.33	1.64	1.94	1.88	1.74	1.61	1.51	1.51	1.65	1.66	1.46	1.37	1.81	1.52	1.45	1.44	1.49	1.53	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	47.14	43.04	39.93	39.29	39.24	44.03	54.47	60.77	60.62	57.67	57.26	55.47	53.62	56.79	60.99	62.23	69.90	84.26	70.67	67.52	63.94	61.07	60.49	56.91
	1.42	1.21	1.09	1.07	1.03	1.33	1.64	1.94	1.88	1.74	1.61	1.51	1.51	1.65	1.66	1.46	1.37	1.81	1.52	1.45	1.44	1.49	1.53	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	47.14	43.04	39.93	39.29	39.24	44.03	54.47	60.77	60.62	57.67	57.26	55.47	53.62	56.79	60.99	62.23	69.90	84.26	70.67	67.52	63.94	61.07	60.49	56.91
	1.42	1.21	1.09	1.07	1.03	1.33	1.64	1.94	1.88	1.74	1.61	1.51	1.51	1.65	1.66	1.46	1.37	1.81	1.52	1.45	1.44	1.49	1.53	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN____LFGE 323710	44.99	41.16	38.18	37.65	37.67	42.02	52.04	58.01	58.04	55.49	55.20	53.48	51.54	54.59	58.79	60.29	68.19	82.04	68.67	65.41	61.81	58.74	58.02	54.79
	-0.73	-0.67	-0.66	-0.57	-0.53	-0.68	-0.79	-0.82	-0.70	-0.45	-0.45	-0.49	-0.57	-0.55	-0.53	-0.49	-0.34	-0.41	-0.48	-0.66	-0.69	-0.83	-0.94	-0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	49.39	44.88	41.56	40.74	40.53	46.13	57.23	64.08	63.98	60.63	60.05	58.12	56.29	59.61	63.97	69.23	84.57	100.86	107.00	103.48	89.68	84.03	63.64	59.86
	3.66	3.05	2.72	2.52	2.33	3.42	4.38	5.23	5.23	4.70	4.40	4.16	4.17	4.46	4.63	4.25	4.66	6.02	5.05	4.69	4.44	4.41	4.66	4.12
	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-4.19	-11.38	-12.40	-32.81	-32.71	-22.74	-20.05	-0.02	-0.06
BALL_HILL_WT_PWR 323825	41.25	38.10	35.54	35.28	35.38	38.39	47.23	52.30	52.87	52.13	52.14	50.83	48.46	51.72	56.66	57.74	65.17	78.16	64.31	61.91	57.94	54.57	54.30	53.35
	-4.48	-3.72	-3.30	-2.94	-2.83	-4.31	-5.60	-6.53	-5.87	-3.81	-3.50	-3.13	-3.65	-3.42	-2.67	-3.04	-3.36	-4.29	-4.84	-4.16	-4.56	-5.00	-4.66	-2.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARON_WINDS____WT_PWR 323822	42.39	38.98	36.32	35.97	36.03	39.63	48.98	54.36	54.75	53.19	53.15	51.75	49.71	52.88	57.43	58.96	66.75	80.23	66.52	63.76	59.81	56.54	56.19	54.18
	-3.34	-2.85	-2.52	-2.26	-2.18	-3.08	-3.85	-4.47	-4.00	-2.74	-2.50	-2.21	-2.40	-2.26	-1.90	-1.82	-1.78	-2.22	-2.63	-2.31	-2.69	-3.04	-2.77	-1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_1 23704	48.93	44.54	41.25	40.48	40.30	45.70	56.60	63.32	63.34	60.18	59.44	57.64	55.87	59.01	63.19	68.19	83.33	99.46	105.69	102.22	88.67	83.08	62.63	58.97
	3.20	2.72	2.41	2.25	2.10	2.99	3.75	4.47	4.58	4.25	3.79	3.67	3.75	3.86	3.85	3.22	3.43	4.61	3.73	3.43	3.44	3.45	3.66	3.23
	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-4.19	-11.38	-12.40	-32.81	-32.71	-22.74	-20.05	-0.02	-0.06
BARRETT_IC_10 23701	48.93	44.54	41.25	40.48	40.30	45.70	56.60	63.32	63.34	60.18	59.44	57.64	55.87	59.01	63.19	68.19	83.33	99.46	105.69	102.22	88.67	83.08	62.63	58.97
	3.20	2.72	2.41	2.25	2.10	2.99	3.75	4.47	4.58	4.25	3.79	3.67	3.75	3.86	3.85	3.22	3.43	4.61	3.73	3.43	3.44	3.45	3.66	3.23
	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-4.19	-11.38	-12.40	-32.81	-32.71	-22.74	-20.05	-0.02	-0.06
BARRETT_IC_11 23702	48.93	44.54	41.25	40.48	40.30	45.70	56.60	63.32	63.34	60.18	59.44	57.64	55.87	59.01	63.19	68.19	83.33	99.46	105.69	102.22	88.67	83.08	62.63	58.97
	3.20	2.72	2.41	2.25	2.10	2.99	3.75	4.47	4.58	4.25	3.79	3.67	3.75	3.86	3.85	3.22	3.43	4.61	3.73	3.43	3.44	3.45	3.66	3.23
	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-4.19	-11.38	-12.40	-32.81	-32.71	-22.74	-20.05	-0.02	-0.06
BARRETT_IC_12 23703	48.93	44.54	41.25	40.48	40.30	45.70	56.60	63.32	63.34	60.18	59.44	57.64	55.87	59.01	63.19	68.19	83.33	99.46	105.69	102.22	88.67	83.08	62.63	58.97
	3.20	2.72	2.41	2.25	2.10	2.99	3.75	4.47	4.58	4.25	3.79	3.67	3.75	3.86	3.85	3.22	3.43	4.61	3.73	3.43	3.44	3.45	3.66	3.23
	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-4.19	-11.38	-12.40	-32.81	-32.71	-22.74	-20.05	-0.02	-0.06
BARRETT_IC_2 23705	48.93	44.54	41.25	40.48	40.30	45.70	56.60	63.32	63.34	60.18	59.44	57.64	55.87	59.01	63.19	68.19	83.33	99.46	105.69	102.22	88.67	83.08	62.63	58.97
	3.20	2.72	2.41	2.25	2.10	2.99	3.75	4.47	4.58	4.25	3.79	3.67	3.75	3.86	3.85	3.22	3.43	4.61	3.73	3.43	3.44	3.45	3.66	3.23
	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-4.19	-11.38	-12.40	-32.81	-32.71	-22.74	-20.05	-0.02	-0.06
BARRETT_IC_3 23706	48.93	44.54	41.25	40.48	40.30	45.70	56.60	63.32	63.34	60.18	59.44	57.64	55.87	59.01	63.19	68.19	83.33	99.46	105.69	102.22	88.67	83.08	62.63	58.97
	3.20	2.72	2.41	2.25	2.10	2.99	3.75	4.47	4.58	4.25	3.79	3.67	3.75	3.86	3.85	3.22	3.43	4.61	3.73	3.43	3.44	3.45	3.66	3.23
	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-4.19	-11.38	-12.40	-32.81	-32.71	-22.74	-20.05	-0.02	-0.06
BARRETT_IC_4 23707	48.93	44.54	41.25	40.48	40.30	45.70	56.60	63.32	63.34	60.18	59.44	57.64	55.87	59.01	63.19	68.19	83.33	99.46	105.69	102.22	88.67	83.08	62.63	58.97
	3.20	2.72	2.41	2.25	2.10	2.99	3.75	4.47	4.58	4.25	3.79	3.67	3.75	3.86	3.85	3.22	3.43	4.61	3.73	3.43	3.44	3.45	3.66	3.23
	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-4.19	-11.38	-12.40	-32.81	-32.71	-22.74	-20.05	-0.02	-0.06
BARRETT_IC_5 23708	48.93	44.54	41.25	40.48	40.30	45.70	56.60	63.32	63.34	60.18	59.44	57.64	55.87	59.01	63.19	68.19	83.33	99.46	105.69	102.22	88.67	83.08	62.63	58.97
	3.20	2.72	2.41	2.25	2.10	2.99	3.75	4.47	4.58	4.25	3.79	3.67	3.75	3.86	3.85	3.22	3.43	4.61	3.73	3.43	3.44	3.45	3.66	3.23
	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-4.19	-11.38	-12.40	-32.81	-32.71	-22.74	-20.05	-0.02	-0.06

BARRETT_IC_6 23709	48.93 3.20 -0.01	44.54 2.72 0.00	41.25 2.41 0.00	40.48 2.25 0.00	40.30 2.10 0.00	45.70 2.99 -0.01	56.60 3.75 -0.02	63.32 4.47 -0.02	63.34 4.58 -0.01	60.18 4.25 0.00	59.44 3.79 -0.01	57.64 3.67 -0.01	55.87 3.75 -0.01	59.01 3.86 -0.01	63.19 3.85 -0.01	68.19 3.22 -4.19	83.33 3.43 -11.38	99.46 4.61 -12.40	105.69 3.73 -32.81	102.22 3.43 -32.71	88.67 3.44 -22.74	83.08 3.45 -20.05	62.63 3.66 -0.02	58.97 3.23 -0.06
BARRETT_IC_7 23710	48.83 3.11 0.00	44.46 2.64 0.00	41.25 2.41 0.00	40.52 2.29 0.00	40.31 2.10 0.00	45.61 2.90 0.00	56.55 3.70 -0.02	63.14 4.29 -0.02	63.21 4.46 0.00	59.85 3.92 0.00	59.27 3.62 0.00	57.41 3.45 0.00	55.60 3.49 0.00	58.72 3.58 0.00	62.89 3.56 0.00	68.07 3.10 -4.19	83.40 3.50 -11.38	99.30 4.45 -12.40	105.83 3.87 -32.81	102.29 3.50 -32.71	88.55 3.31 -22.74	82.96 3.34 -20.05	62.63 3.66 -0.02	59.19 3.45 -0.06
BARRETT_IC_8 23711	48.93 3.20 -0.01	44.54 2.72 0.00	41.25 2.41 0.00	40.48 2.25 0.00	40.30 2.10 0.00	45.70 2.99 -0.01	56.60 3.75 -0.02	63.32 4.47 -0.02	63.34 4.58 -0.01	60.18 4.25 0.00	59.44 3.79 -0.01	57.64 3.67 -0.01	55.87 3.75 -0.01	59.01 3.86 -0.01	63.19 3.85 -0.01	68.19 3.22 -4.19	83.33 3.43 -11.38	99.46 4.61 -12.40	105.69 3.73 -32.81	102.22 3.43 -32.71	88.67 3.44 -22.74	83.08 3.45 -20.05	62.63 3.66 -0.02	58.97 3.23 -0.06
BARRETT_IC_9 23700	48.93 3.20 -0.01	44.54 2.72 0.00	41.25 2.41 0.00	40.48 2.25 0.00	40.30 2.10 0.00	45.70 2.99 -0.01	56.60 3.75 -0.02	63.32 4.47 -0.02	63.34 4.58 -0.01	60.18 4.25 0.00	59.44 3.79 -0.01	57.64 3.67 -0.01	55.87 3.75 -0.01	59.01 3.86 -0.01	63.19 3.85 -0.01	68.19 3.22 -4.19	83.33 3.43 -11.38	99.46 4.61 -12.40	105.69 3.73 -32.81	102.22 3.43 -32.71	88.67 3.44 -22.74	83.08 3.45 -20.05	62.63 3.66 -0.02	58.97 3.23 -0.06
BARRETT___1 23545	48.93 3.20 -0.01	44.54 2.72 0.00	41.25 2.41 0.00	40.48 2.25 0.00	40.30 2.10 0.00	45.70 2.99 -0.01	56.60 3.75 -0.02	63.32 4.47 -0.02	63.34 4.58 -0.01	60.18 4.25 0.00	59.44 3.79 -0.01	57.64 3.67 -0.01	55.87 3.75 -0.01	59.01 3.86 -0.01	63.19 3.85 -0.01	68.19 3.22 -4.19	83.33 3.43 -11.38	99.46 4.61 -12.40	105.69 3.73 -32.81	102.22 3.43 -32.71	88.67 3.44 -22.74	83.08 3.45 -20.05	62.63 3.66 -0.02	58.97 3.23 -0.06
BARRETT___2 23546	48.93 3.20 -0.01	44.54 2.72 0.00	41.25 2.41 0.00	40.48 2.25 0.00	40.30 2.10 0.00	45.70 2.99 -0.01	56.60 3.75 -0.02	63.32 4.47 -0.02	63.34 4.58 -0.01	60.18 4.25 0.00	59.44 3.79 -0.01	57.64 3.67 -0.01	55.87 3.75 -0.01	59.01 3.86 -0.01	63.19 3.85 -0.01	68.19 3.22 -4.19	83.33 3.43 -11.38	99.46 4.61 -12.40	105.69 3.73 -32.81	102.22 3.43 -32.71	88.67 3.44 -22.74	83.08 3.45 -20.05	62.63 3.66 -0.02	58.97 3.23 -0.06
BATAVIA___115KV_TB1 55881	42.66 -3.06 0.00	39.32 -2.51 0.00	36.32 -2.52 0.00	35.85 -2.37 0.00	36.18 -2.02 0.00	39.50 -3.20 0.00	48.13 -4.70 0.00	53.71 -5.12 0.00	54.04 -4.70 0.00	52.74 -3.19 0.00	52.70 -2.95 0.00	51.32 -2.64 0.00	49.04 -3.07 0.00	52.60 -2.54 0.00	56.90 -2.43 0.00	57.86 -2.92 0.00	65.51 -3.02 0.00	78.74 -3.71 0.00	64.79 -4.36 0.00	61.58 -4.49 0.00	58.50 -4.00 0.00	55.23 -4.35 0.00	54.48 -4.48 0.00	52.29 -3.40 0.00
BAYONEEC___CTG1 323682	47.96 2.24 0.00	43.75 1.93 0.00	40.59 1.75 0.00	39.90 1.68 0.00	39.81 1.60 0.00	44.80 2.09 0.00	55.58 2.75 0.00	62.36 3.53 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.08 2.97 0.00	58.28 3.14 0.00	62.29 2.97 0.00	63.33 2.55 0.00	71.20 2.67 0.00	86.07 3.62 0.00	72.27 3.11 0.00	68.91 2.84 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.67 2.71 0.00	57.97 2.28 0.00
BAYONEEC___CTG10 323750	47.96 2.24 0.00	43.75 1.93 0.00	40.59 1.75 0.00	39.90 1.68 0.00	39.81 1.60 0.00	44.80 2.09 0.00	55.58 2.75 0.00	62.36 3.53 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.08 2.97 0.00	58.28 3.14 0.00	62.29 2.97 0.00	63.33 2.55 0.00	71.20 2.67 0.00	86.07 3.62 0.00	72.27 3.11 0.00	68.91 2.84 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.67 2.71 0.00	57.97 2.28 0.00
BAYONEEC___CTG2 323683	47.96 2.24 0.00	43.75 1.93 0.00	40.59 1.75 0.00	39.90 1.68 0.00	39.81 1.60 0.00	44.80 2.09 0.00	55.58 2.75 0.00	62.36 3.53 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.08 2.97 0.00	58.28 3.14 0.00	62.29 2.97 0.00	63.33 2.55 0.00	71.20 2.67 0.00	86.07 3.62 0.00	72.27 3.11 0.00	68.91 2.84 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.67 2.71 0.00	57.97 2.28 0.00
BAYONEEC___CTG3 323684	47.96 2.24 0.00	43.75 1.93 0.00	40.59 1.75 0.00	39.90 1.68 0.00	39.81 1.60 0.00	44.80 2.09 0.00	55.58 2.75 0.00	62.36 3.53 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.08 2.97 0.00	58.28 3.14 0.00	62.29 2.97 0.00	63.33 2.55 0.00	71.20 2.67 0.00	86.07 3.62 0.00	72.27 3.11 0.00	68.91 2.84 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.67 2.71 0.00	57.97 2.28 0.00
BAYONEEC___CTG4 323685	47.96 2.24 0.00	43.75 1.93 0.00	40.59 1.75 0.00	39.90 1.68 0.00	39.81 1.60 0.00	44.80 2.09 0.00	55.58 2.75 0.00	62.36 3.53 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.08 2.97 0.00	58.28 3.14 0.00	62.29 2.97 0.00	63.33 2.55 0.00	71.20 2.67 0.00	86.07 3.62 0.00	72.27 3.11 0.00	68.91 2.84 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.67 2.71 0.00	57.97 2.28 0.00
BAYONEEC___CTG5 323686	47.96 2.24 0.00	43.75 1.93 0.00	40.59 1.75 0.00	39.90 1.68 0.00	39.81 1.60 0.00	44.80 2.09 0.00	55.58 2.75 0.00	62.36 3.53 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.08 2.97 0.00	58.28 3.14 0.00	62.29 2.97 0.00	63.33 2.55 0.00	71.20 2.67 0.00	86.07 3.62 0.00	72.27 3.11 0.00	68.91 2.84 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.67 2.71 0.00	57.97 2.28 0.00
BAYONEEC___CTG6 323687	47.96 2.24 0.00	43.75 1.93 0.00	40.59 1.75 0.00	39.90 1.68 0.00	39.81 1.60 0.00	44.80 2.09 0.00	55.58 2.75 0.00	62.36 3.53 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.08 2.97 0.00	58.28 3.14 0.00	62.29 2.97 0.00	63.33 2.55 0.00	71.20 2.67 0.00	86.07 3.62 0.00	72.27 3.11 0.00	68.91 2.84 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.67 2.71 0.00	57.97 2.28 0.00
BAYONEEC___CTG7 323688	47.96 2.24 0.00	43.75 1.93 0.00	40.59 1.75 0.00	39.90 1.68 0.00	39.81 1.60 0.00	44.80 2.09 0.00	55.58 2.75 0.00	62.36 3.53 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.08 2.97 0.00	58.28 3.14 0.00	62.29 2.97 0.00	63.33 2.55 0.00	71.20 2.67 0.00	86.07 3.62 0.00	72.27 3.11 0.00	68.91 2.84 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.67 2.71 0.00	57.97 2.28 0.00

BAYONEEC___CTG8 323689	47.96 2.24 0.00	43.75 1.93 0.00	40.59 1.75 0.00	39.90 1.68 0.00	39.81 1.60 0.00	44.80 2.09 0.00	55.58 2.75 0.00	62.36 3.53 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.08 2.97 0.00	58.28 3.14 0.00	62.29 2.97 0.00	63.33 2.55 0.00	71.20 2.67 0.00	86.07 3.62 0.00	72.27 3.11 0.00	68.91 2.84 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.67 2.71 0.00	57.97 2.28 0.00
BAYONEEC___CTG9 323749	47.96 2.24 0.00	43.75 1.93 0.00	40.59 1.75 0.00	39.90 1.68 0.00	39.81 1.60 0.00	44.80 2.09 0.00	55.58 2.75 0.00	62.36 3.53 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.08 2.97 0.00	58.28 3.14 0.00	62.29 2.97 0.00	63.33 2.55 0.00	71.20 2.67 0.00	86.07 3.62 0.00	72.27 3.11 0.00	68.91 2.84 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.67 2.71 0.00	57.97 2.28 0.00
BEACON___LESR 323632	47.69 1.96 0.00	43.46 1.63 0.00	40.36 1.51 0.00	39.71 1.49 0.00	39.66 1.45 0.00	44.50 1.79 0.00	55.05 2.22 0.00	60.60 1.76 0.00	60.45 1.70 0.00	57.44 1.51 0.00	57.15 1.50 0.00	55.36 1.40 0.00	53.36 1.25 0.00	56.46 1.32 0.00	60.58 1.25 0.00	62.18 1.40 0.00	69.69 1.16 0.00	84.10 1.65 0.00	70.67 1.52 0.00	67.52 1.45 0.00	64.24 1.75 0.00	61.31 1.73 0.00	60.67 1.71 0.00	57.19 1.50 0.00
BEAVER RIVER___HYD 24048	45.77 0.05 0.00	41.91 0.08 0.00	38.80 -0.04 0.00	38.07 -0.15 0.00	38.13 -0.08 0.00	42.66 -0.04 0.00	53.10 0.27 0.00	59.36 0.53 0.00	59.10 0.35 0.00	55.82 -0.11 0.00	55.70 0.06 0.00	54.01 0.05 0.00	52.43 0.31 0.00	55.80 0.66 0.00	60.34 1.01 0.00	62.36 1.58 0.00	70.72 2.19 0.00	85.01 2.56 0.00	71.22 2.07 0.00	67.99 1.92 0.00	64.31 1.81 0.00	61.24 1.67 0.00	60.44 1.47 0.00	56.74 1.06 0.00
BEEBEE_GT_13 23619	43.21 -2.51 0.00	39.69 -2.13 0.00	36.71 -2.14 0.00	36.20 -2.03 0.00	36.41 -1.80 0.00	40.27 -2.43 0.00	49.45 -3.38 0.00	55.13 -3.71 0.00	55.34 -3.41 0.00	53.53 -2.41 0.00	53.37 -2.28 0.00	51.91 -2.05 0.00	49.82 -2.29 0.00	53.04 -2.10 0.00	57.25 -2.08 0.00	58.35 -2.43 0.00	65.99 -2.54 0.00	79.32 -3.13 0.00	65.76 -3.39 0.00	62.50 -3.57 0.00	59.25 -3.25 0.00	56.18 -3.40 0.00	55.42 -3.54 0.00	52.68 -3.01 0.00
BENSHRST_27_KV_BENSHRST_1 355998	48.65 2.93 0.00	44.34 2.51 0.00	41.17 2.33 0.00	40.48 2.26 0.00	40.31 2.10 0.00	45.10 2.39 0.00	56.00 3.17 0.00	62.25 3.41 0.00	62.09 3.35 0.00	59.12 3.19 0.00	58.43 2.78 0.00	56.77 2.81 0.00	55.13 3.02 0.00	57.90 2.76 0.00	62.06 2.73 0.00	63.21 2.43 0.00	71.13 2.60 0.00	85.83 3.38 0.00	72.54 3.39 0.00	69.05 2.97 0.00	65.25 2.75 0.00	62.38 2.80 0.00	61.97 3.01 0.00	58.80 3.12 0.00
BETHLEHEM___GRP 23843	47.19 1.46 0.00	43.04 1.21 0.00	40.01 1.17 0.00	39.37 1.15 0.00	39.31 1.11 0.00	44.03 1.32 0.00	54.42 1.59 0.00	59.72 0.88 0.00	59.56 0.82 0.00	56.60 0.67 0.00	56.32 0.67 0.00	54.61 0.65 0.00	52.68 0.57 0.00	55.75 0.61 0.00	59.86 0.53 0.00	61.32 0.55 0.00	68.74 0.21 0.00	82.70 0.25 0.00	69.57 0.41 0.00	66.47 0.40 0.00	63.06 0.56 0.00	60.23 0.66 0.00	59.79 0.83 0.00	56.57 0.89 0.00
BETHLEHEM___GS1 323560	47.10 1.37 0.00	42.96 1.13 0.00	39.89 1.05 0.00	39.25 1.03 0.00	39.20 0.99 0.00	43.95 1.24 0.00	54.31 1.48 0.00	59.60 0.76 0.00	59.39 0.65 0.00	56.49 0.56 0.00	56.21 0.56 0.00	54.50 0.54 0.00	52.63 0.52 0.00	55.69 0.55 0.00	59.69 0.36 0.00	61.14 0.37 0.00	68.39 -0.14 0.00	82.45 0.00 0.00	69.22 0.07 0.00	66.14 0.07 0.00	62.94 0.44 0.00	60.17 0.60 0.00	59.55 0.59 0.00	56.18 0.50 0.00
BETHLEHEM___GS2 323561	47.10 1.37 0.00	42.96 1.13 0.00	39.89 1.05 0.00	39.25 1.03 0.00	39.20 0.99 0.00	43.95 1.24 0.00	54.31 1.48 0.00	59.60 0.76 0.00	59.39 0.65 0.00	56.49 0.56 0.00	56.21 0.56 0.00	54.50 0.54 0.00	52.63 0.52 0.00	55.69 0.55 0.00	59.69 0.36 0.00	61.14 0.37 0.00	68.39 -0.14 0.00	82.45 0.00 0.00	69.22 0.07 0.00	66.14 0.07 0.00	62.94 0.44 0.00	60.17 0.60 0.00	59.55 0.59 0.00	56.18 0.50 0.00
BETHLEHEM___GS3 323562	47.10 1.37 0.00	42.96 1.13 0.00	39.89 1.05 0.00	39.25 1.03 0.00	39.20 0.99 0.00	43.95 1.24 0.00	54.31 1.48 0.00	59.60 0.76 0.00	59.39 0.65 0.00	56.49 0.56 0.00	56.21 0.56 0.00	54.50 0.54 0.00	52.63 0.52 0.00	55.69 0.55 0.00	59.69 0.36 0.00	61.14 0.37 0.00	68.39 -0.14 0.00	82.45 0.00 0.00	69.22 0.07 0.00	66.14 0.07 0.00	62.94 0.44 0.00	60.17 0.60 0.00	59.55 0.59 0.00	56.18 0.50 0.00
BETHLEHEM___STEEL 23779	41.43 -4.30 0.00	38.23 -3.60 0.00	35.39 -3.46 0.00	34.97 -3.25 0.00	35.34 -2.87 0.00	38.48 -4.23 0.00	46.97 -5.86 0.00	52.30 -6.53 0.00	52.81 -5.93 0.00	51.96 -3.97 0.00	52.03 -3.62 0.00	50.72 -3.24 0.00	48.46 -3.65 0.00	52.27 -2.87 0.00	56.60 -2.73 0.00	57.37 -3.40 0.00	64.83 -3.70 0.00	77.67 -4.78 0.00	63.76 -5.39 0.00	60.65 -5.42 0.00	57.69 -4.81 0.00	54.39 -5.18 0.00	53.89 -5.07 0.00	51.67 -4.01 0.00
BETHLHEM_115KV_TB1 79974	47.14 1.42 0.00	43.04 1.21 0.00	39.97 1.13 0.00	39.33 1.11 0.00	39.27 1.07 0.00	43.99 1.28 0.00	54.37 1.53 0.00	59.83 1.00 0.00	59.68 0.94 0.00	56.72 0.78 0.00	56.43 0.78 0.00	54.72 0.76 0.00	52.79 0.68 0.00	55.86 0.72 0.00	59.98 0.65 0.00	61.45 0.67 0.00	68.87 0.34 0.00	82.94 0.49 0.00	69.70 0.55 0.00	66.67 0.59 0.00	63.18 0.69 0.00	60.35 0.77 0.00	59.84 0.88 0.00	56.68 1.00 0.00
BETHPAGE_CC_5 323564	48.98 3.25 -0.01	44.63 2.80 0.00	41.29 2.45 0.00	40.52 2.29 0.00	40.30 2.10 0.00	45.83 3.12 -0.01	56.76 3.91 -0.02	63.38 4.53 -0.02	63.34 4.58 -0.01	60.13 4.20 0.00	59.55 3.89 -0.01	57.64 3.67 -0.01	55.87 3.75 -0.01	59.12 3.97 -0.01	63.31 3.98 -0.01	68.56 3.59 -4.19	83.74 3.84 -11.38	99.88 5.03 -12.40	106.25 4.29 -32.81	102.75 3.96 -32.71	88.99 3.75 -22.74	83.38 3.76 -20.05	62.87 3.89 -0.02	59.19 3.45 -0.06
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.52 -4.21 0.00	38.27 -3.56 0.00	35.46 -3.38 0.00	35.05 -3.17 0.00	35.42 -2.79 0.00	38.56 -4.14 0.00	47.13 -5.71 0.00	52.48 -6.35 0.00	53.04 -5.70 0.00	52.19 -3.75 0.00	52.25 -3.39 0.00	50.99 -2.97 0.00	48.72 -3.39 0.00	52.55 -2.59 0.00	56.90 -2.43 0.00	57.74 -3.04 0.00	65.24 -3.29 0.00	78.16 -4.29 0.00	64.17 -4.98 0.00	61.05 -5.02 0.00	58.00 -4.50 0.00	54.69 -4.89 0.00	54.13 -4.83 0.00	51.95 -3.73 0.00
BINGHAMTON___COGEN 23790	44.99 -0.73 0.00	41.20 -0.63 0.00	38.22 -0.62 0.00	37.69 -0.54 0.00	37.75 -0.46 0.00	41.98 -0.73 0.00	51.94 -0.90 0.00	57.83 -1.00 0.00	57.86 -0.88 0.00	55.43 -0.50 0.00	55.15 -0.50 0.00	53.53 -0.43 0.00	51.59 -0.52 0.00	54.75 -0.39 0.00	59.03 -0.30 0.00	60.47 -0.30 0.00	68.32 -0.21 0.00	82.12 -0.33 0.00	68.60 -0.55 0.00	65.41 -0.66 0.00	61.81 -0.69 0.00	58.80 -0.77 0.00	58.08 -0.88 0.00	55.01 -0.67 0.00

BIXINCNT_115KV_LOAD 355685	40.19 -5.53 0.00	37.06 -4.77 0.00	34.41 -4.43 0.00	34.02 -4.20 0.00	34.57 -3.63 0.00	37.62 -5.08 0.00	46.44 -6.39 0.00	52.07 -6.77 0.00	52.93 -5.82 0.00	52.35 -3.58 0.00	52.64 -3.01 0.00	51.59 -2.37 0.00	49.40 -2.71 0.00	53.38 -1.76 0.00	57.90 -1.42 0.00	58.83 -1.94 0.00	66.61 -1.92 0.00	79.81 -2.64 0.00	65.56 -3.60 0.00	62.24 -3.83 0.00	59.00 -3.50 0.00	55.35 -4.23 0.00	54.66 -4.30 0.00	52.29 -3.40 0.00
BLACK RIVER___HYD 24047	46.00 0.28 0.00	42.12 0.29 0.00	38.96 0.12 0.00	38.18 -0.04 0.00	38.24 0.04 0.00	42.92 0.21 0.00	53.52 0.69 0.00	59.95 1.12 0.00	59.68 0.94 0.00	56.21 0.28 0.00	56.04 0.39 0.00	54.29 0.33 0.00	52.79 0.68 0.00	56.13 0.99 0.00	60.75 1.42 0.00	62.96 2.18 0.00	71.62 3.09 0.00	86.16 3.71 0.00	72.12 2.97 0.00	68.85 2.77 0.00	65.00 2.50 0.00	61.78 2.21 0.00	60.90 1.94 0.00	57.13 1.45 0.00
BLACKRVR_115KV_TB2 79977	46.00 0.27 0.00	42.12 0.29 0.00	38.96 0.12 0.00	38.15 -0.08 0.00	38.24 0.04 0.00	42.92 0.21 0.00	53.47 0.63 0.00	59.95 1.12 0.00	59.68 0.94 0.00	56.21 0.28 0.00	56.04 0.39 0.00	54.28 0.32 0.00	52.79 0.68 0.00	56.19 1.05 0.00	60.75 1.42 0.00	62.91 2.13 0.00	71.55 3.02 0.00	86.08 3.63 0.00	72.06 2.90 0.00	68.72 2.64 0.00	65.00 2.50 0.00	61.78 2.20 0.00	60.85 1.89 0.00	56.96 1.28 0.00
BLDWN_LI_69_KV_BK4 356085	49.06 3.34 0.00	44.63 2.80 0.00	41.41 2.56 0.00	40.67 2.45 0.00	40.46 2.25 0.00	45.82 3.12 0.00	56.86 4.02 -0.02	63.44 4.59 -0.02	63.44 4.70 0.00	60.02 4.08 0.00	59.66 4.01 0.00	57.74 3.78 0.00	55.86 3.75 0.00	59.00 3.86 0.00	63.36 4.03 0.00	68.68 3.71 -4.19	84.09 4.18 -11.38	100.12 5.28 -12.40	106.66 4.70 -32.81	103.08 4.29 -32.71	89.18 3.94 -22.74	83.50 3.87 -20.05	63.05 4.07 -0.02	59.58 3.84 -0.06
BLISS_WT_PWR 323608	39.69 -6.04 0.00	36.68 -5.15 0.00	34.34 -4.51 0.00	34.02 -4.20 0.00	34.42 -3.78 0.00	37.24 -5.47 0.00	46.23 -6.61 0.00	51.77 -7.06 0.00	52.69 -6.05 0.00	52.30 -3.63 0.00	52.53 -3.12 0.00	51.59 -2.37 0.00	49.24 -2.87 0.00	52.77 -2.37 0.00	57.85 -1.48 0.00	59.01 -1.76 0.00	66.68 -1.85 0.00	79.98 -2.47 0.00	65.76 -3.39 0.00	63.10 -2.97 0.00	58.94 -3.56 0.00	55.23 -4.35 0.00	54.89 -4.07 0.00	53.62 -2.06 0.00
BLUESTONE___WT_PWR 323821	46.28 0.55 0.00	42.37 0.54 0.00	39.23 0.39 0.00	38.53 0.30 0.00	38.55 0.34 0.00	43.18 0.47 0.00	53.63 0.79 0.00	60.07 1.24 0.00	59.92 1.17 0.00	56.88 0.95 0.00	56.59 0.95 0.00	54.77 0.81 0.00	53.21 1.10 0.00	56.46 1.32 0.00	61.94 2.61 0.00	63.88 3.10 0.00	72.64 4.11 0.00	87.56 5.11 0.00	73.23 4.08 0.00	69.84 3.76 0.00	65.81 3.31 0.00	62.50 2.92 0.00	61.67 2.71 0.00	58.30 2.62 0.00
BLUE_CIRC_CHEM_DRP 24182	47.42 1.69 0.00	43.25 1.42 0.00	40.20 1.36 0.00	39.52 1.30 0.00	39.46 1.26 0.00	44.20 1.49 0.00	54.63 1.80 0.00	60.42 1.59 0.00	60.27 1.53 0.00	57.22 1.29 0.00	56.82 1.17 0.00	55.04 1.08 0.00	53.10 0.99 0.00	56.19 1.05 0.00	60.45 1.13 0.00	62.05 1.28 0.00	69.76 1.23 0.00	84.02 1.57 0.00	70.67 1.52 0.00	67.53 1.45 0.00	63.93 1.44 0.00	61.07 1.49 0.00	60.61 1.65 0.00	57.30 1.61 0.00
BOC_GAS_DRP 24189	46.91 1.19 0.00	42.83 1.00 0.00	39.78 0.93 0.00	39.14 0.92 0.00	39.08 0.88 0.00	43.77 1.07 0.00	54.15 1.32 0.00	60.01 1.18 0.00	59.92 1.17 0.00	57.00 1.06 0.00	56.65 1.00 0.00	54.88 0.92 0.00	53.00 0.89 0.00	56.08 0.94 0.00	60.28 0.95 0.00	61.69 0.91 0.00	69.35 0.82 0.00	83.44 0.99 0.00	70.12 0.97 0.00	67.00 0.93 0.00	63.43 0.94 0.00	60.53 0.95 0.00	60.02 1.06 0.00	56.74 1.06 0.00
BOONVILLE_115KV_TB1 79983	46.09 0.37 0.00	42.20 0.38 0.00	39.11 0.27 0.00	38.41 0.19 0.00	38.47 0.27 0.00	43.09 0.38 0.00	53.47 0.63 0.00	59.77 0.94 0.00	59.62 0.88 0.00	56.49 0.56 0.00	56.26 0.61 0.00	54.50 0.54 0.00	52.84 0.73 0.00	56.13 0.99 0.00	60.57 1.25 0.00	62.36 1.58 0.00	70.65 2.12 0.00	85.00 2.56 0.00	71.23 2.07 0.00	67.99 1.92 0.00	64.25 1.75 0.00	61.19 1.61 0.00	60.38 1.42 0.00	56.74 1.06 0.00
BORALEX_4TH_BRANCH 23824	48.19 2.47 0.00	44.00 2.17 0.00	40.86 2.02 0.00	40.21 1.99 0.00	40.15 1.95 0.00	45.01 2.31 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.91 3.17 0.00	58.84 2.91 0.00	58.49 2.84 0.00	56.66 2.70 0.00	54.61 2.50 0.00	57.79 2.65 0.00	62.12 2.79 0.00	63.63 2.86 0.00	71.61 3.08 0.00	86.32 3.88 0.00	72.61 3.46 0.00	69.31 3.24 0.00	65.62 3.12 0.00	62.62 3.04 0.00	62.03 3.07 0.00	58.69 3.01 0.00
BOWLINE___1 23526	47.46 1.74 0.00	43.33 1.50 0.00	40.20 1.36 0.00	39.56 1.34 0.00	39.43 1.22 0.00	44.33 1.62 0.00	54.84 2.01 0.00	61.42 2.59 0.00	61.39 2.65 0.00	58.28 2.35 0.00	57.76 2.11 0.00	55.96 2.00 0.00	54.25 2.14 0.00	57.51 2.37 0.00	61.64 2.31 0.00	62.66 1.89 0.00	70.45 1.92 0.00	85.17 2.72 0.00	71.50 2.35 0.00	68.19 2.11 0.00	64.56 2.06 0.00	61.66 2.08 0.00	61.02 2.06 0.00	57.30 1.62 0.00
BOWLINE___2 23595	47.42 1.69 0.00	43.29 1.46 0.00	40.20 1.36 0.00	39.56 1.34 0.00	39.43 1.22 0.00	44.33 1.62 0.00	54.73 1.90 0.00	61.36 2.53 0.00	61.27 2.52 0.00	58.23 2.29 0.00	57.65 2.00 0.00	55.85 1.89 0.00	54.14 2.03 0.00	57.45 2.32 0.00	61.58 2.25 0.00	62.60 1.82 0.00	70.38 1.85 0.00	85.09 2.64 0.00	71.36 2.21 0.00	68.12 2.05 0.00	64.44 1.94 0.00	61.60 2.03 0.00	60.97 2.01 0.00	57.19 1.50 0.00
BRADY___115KV_TB2 356060	47.05 1.33 0.00	43.12 1.30 0.00	39.97 1.13 0.00	39.25 1.03 0.00	39.31 1.11 0.00	43.90 1.20 0.00	54.42 1.59 0.00	60.72 1.88 0.00	60.45 1.70 0.00	57.39 1.45 0.00	57.15 1.50 0.00	55.42 1.46 0.00	53.67 1.56 0.00	56.68 1.54 0.00	61.05 1.72 0.00	62.66 1.88 0.00	70.79 2.26 0.00	84.92 2.47 0.00	71.16 2.01 0.00	68.32 2.25 0.00	64.81 2.31 0.00	61.84 2.26 0.00	61.20 2.24 0.00	57.63 1.95 0.00
BRANSCOMB___SOLAR 323811	47.73 2.01 0.00	43.58 1.76 0.00	40.44 1.59 0.00	39.79 1.57 0.00	39.77 1.57 0.00	44.67 1.97 0.00	55.27 2.43 0.00	61.48 2.65 0.00	61.32 2.58 0.00	58.17 2.24 0.00	57.76 2.11 0.00	55.85 1.89 0.00	53.78 1.67 0.00	56.96 1.82 0.00	61.23 1.90 0.00	62.96 2.18 0.00	70.93 2.40 0.00	85.75 3.30 0.00	72.19 3.04 0.00	68.91 2.84 0.00	65.31 2.81 0.00	62.26 2.68 0.00	61.62 2.66 0.00	58.02 2.34 0.00
BRDGHMPT_69_KV_BK1 55812	49.75 4.02 0.00	45.13 3.30 0.00	41.87 3.03 0.00	41.01 2.79 0.00	40.76 2.56 0.00	46.51 3.80 0.00	57.97 5.12 -0.02	64.50 5.65 -0.02	64.26 5.52 0.00	60.24 4.31 0.00	60.10 4.45 0.00	58.01 4.05 0.00	56.07 3.96 0.00	59.33 4.19 0.00	64.01 4.69 0.00	69.77 4.80 -4.19	85.67 5.76 -11.38	102.27 7.42 -12.40	108.74 6.78 -32.81	105.20 6.41 -32.71	91.30 6.06 -22.74	85.64 6.02 -20.05	65.59 6.60 -0.02	62.03 6.29 -0.06

BRENTWOD_69_KV_W. BRTWOOD 56703	49.70 3.98 0.00	45.17 3.35 0.00	41.87 3.03 0.00	41.09 2.87 0.00	40.84 2.64 0.00	46.42 3.72 0.00	57.71 4.86 -0.02	64.50 5.65 -0.02	64.44 5.70 0.00	60.69 4.75 0.00	60.49 4.84 0.00	58.44 4.48 0.00	56.49 4.38 0.00	59.77 4.63 0.00	64.31 4.98 0.00	69.83 4.86 -4.19	85.32 5.41 -11.38	101.52 6.68 -12.40	107.84 5.88 -32.81	104.20 5.42 -32.71	90.18 4.94 -22.74	84.51 4.89 -20.05	64.29 5.31 -0.02	60.70 4.96 -0.06
BRISTLHL_115KV_TB1 79998	44.22 -1.51 0.00	40.49 -1.34 0.00	37.60 -1.24 0.00	37.04 -1.18 0.00	37.06 -1.15 0.00	41.30 -1.41 0.00	51.14 -1.69 0.00	56.89 -1.94 0.00	56.92 -1.82 0.00	54.25 -1.68 0.00	54.03 -1.61 0.00	52.40 -1.56 0.00	50.50 -1.62 0.00	53.49 -1.65 0.00	57.55 -1.78 0.00	59.02 -1.76 0.00	66.68 -1.85 0.00	80.14 -2.31 0.00	67.08 -2.07 0.00	64.02 -2.05 0.00	60.50 -2.00 0.00	57.61 -1.97 0.00	56.96 -2.00 0.00	53.79 -1.89 0.00
BROOKHAVEN___DRP 24191	49.52 3.80 0.00	44.96 3.14 0.00	41.72 2.87 0.00	40.90 2.68 0.00	40.65 2.45 0.00	46.29 3.59 0.00	57.55 4.70 -0.02	64.32 5.47 -0.02	64.15 5.40 0.00	60.30 4.36 0.00	60.10 4.45 0.00	58.01 4.05 0.00	56.12 4.01 0.00	59.33 4.19 0.00	63.90 4.57 0.00	69.53 4.56 -4.19	85.05 5.14 -11.38	101.28 6.43 -12.40	107.70 5.74 -32.81	104.01 5.22 -32.71	90.05 4.81 -22.74	84.39 4.77 -20.05	64.29 5.31 -0.02	60.75 5.01 -0.06
BROOKLYN_NAVY_YARD 23515	47.96 2.24 0.00	43.66 1.84 0.00	40.55 1.71 0.00	39.86 1.64 0.00	39.73 1.53 0.00	44.80 2.09 0.00	55.58 2.75 0.00	62.42 3.59 0.00	62.33 3.58 0.00	59.29 3.36 0.00	58.54 2.89 0.00	56.76 2.80 0.00	55.03 2.92 0.00	58.23 3.09 0.00	62.23 2.91 0.00	63.27 2.49 0.00	71.20 2.67 0.00	86.07 3.62 0.00	72.33 3.18 0.00	68.91 2.84 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.73 2.77 0.00	57.97 2.28 0.00
BROOKLYN___ARMY_DRP 323595	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
BROOME_2_LFGE 323671	44.99 -0.73 0.00	41.24 -0.59 0.00	38.30 -0.54 0.00	37.77 -0.46 0.00	37.78 -0.42 0.00	42.02 -0.68 0.00	51.99 -0.85 0.00	57.83 -1.00 0.00	57.92 -0.82 0.00	55.48 -0.45 0.00	55.20 -0.45 0.00	53.53 -0.43 0.00	51.54 -0.57 0.00	54.64 -0.50 0.00	59.03 -0.30 0.00	60.54 -0.24 0.00	68.33 -0.20 0.00	82.20 -0.25 0.00	68.60 -0.56 0.00	65.61 -0.46 0.00	61.87 -0.62 0.00	58.80 -0.78 0.00	58.19 -0.77 0.00	55.35 -0.33 0.00
BROOME___LFGE 323600	44.99 -0.73 0.00	41.24 -0.59 0.00	38.30 -0.54 0.00	37.77 -0.46 0.00	37.78 -0.42 0.00	42.02 -0.68 0.00	51.99 -0.85 0.00	57.83 -1.00 0.00	57.92 -0.82 0.00	55.48 -0.45 0.00	55.20 -0.45 0.00	53.53 -0.43 0.00	51.54 -0.57 0.00	54.64 -0.50 0.00	59.03 -0.30 0.00	60.54 -0.24 0.00	68.33 -0.20 0.00	82.20 -0.25 0.00	68.60 -0.56 0.00	65.61 -0.46 0.00	61.87 -0.62 0.00	58.80 -0.78 0.00	58.19 -0.77 0.00	55.35 -0.33 0.00
BROWNFLS_115KV_TB 3_5 80003	46.05 0.32 0.00	42.16 0.33 0.00	39.08 0.23 0.00	38.34 0.11 0.00	38.40 0.19 0.00	42.79 0.09 0.00	53.15 0.32 0.00	59.36 0.53 0.00	59.15 0.41 0.00	55.99 0.06 0.00	55.82 0.17 0.00	54.28 0.32 0.00	52.68 0.57 0.00	55.86 0.72 0.00	60.28 0.95 0.00	62.11 1.34 0.00	69.90 1.37 0.00	83.85 1.40 0.00	70.26 1.11 0.00	67.26 1.19 0.00	63.87 1.37 0.00	60.95 1.37 0.00	60.38 1.42 0.00	56.74 1.06 0.00
BROWNSV1_27_KV_LOAD 356125	48.29 2.56 0.00	44.00 2.17 0.00	40.90 2.06 0.00	40.25 2.03 0.00	40.08 1.87 0.00	45.01 2.31 0.00	56.00 3.17 0.00	62.66 3.82 0.00	62.56 3.82 0.00	59.57 3.64 0.00	58.93 3.28 0.00	57.14 3.18 0.00	55.34 3.23 0.00	58.34 3.20 0.00	62.53 3.20 0.00	63.76 2.98 0.00	71.89 3.36 0.00	86.74 4.29 0.00	73.16 4.01 0.00	69.71 3.63 0.00	65.68 3.19 0.00	62.79 3.22 0.00	62.26 3.30 0.00	58.74 3.06 0.00
BURROWS___LYONSDAL 23803	45.91 0.18 0.00	42.04 0.21 0.00	38.96 0.12 0.00	38.26 0.04 0.00	38.28 0.08 0.00	42.92 0.21 0.00	53.26 0.42 0.00	59.54 0.71 0.00	59.39 0.65 0.00	56.21 0.28 0.00	55.98 0.33 0.00	54.23 0.27 0.00	52.63 0.52 0.00	55.97 0.83 0.00	60.45 1.13 0.00	62.30 1.52 0.00	70.65 2.12 0.00	84.92 2.47 0.00	71.23 2.07 0.00	67.92 1.85 0.00	64.25 1.75 0.00	61.13 1.55 0.00	60.26 1.30 0.00	56.63 0.95 0.00
CAITHNESS_CC_1 323624	49.48 3.75 -0.01	44.96 3.14 0.00	41.60 2.76 0.00	40.78 2.56 0.00	40.57 2.37 0.00	46.26 3.54 -0.01	57.44 4.59 -0.02	64.32 5.47 -0.02	64.21 5.46 -0.01	60.63 4.70 0.00	60.11 4.45 -0.01	58.07 4.10 -0.01	56.23 4.12 -0.01	59.56 4.41 -0.01	64.02 4.69 -0.01	69.47 4.50 -4.19	84.85 4.94 -11.38	101.19 6.35 -12.40	107.36 5.40 -32.81	103.74 4.96 -32.71	89.93 4.69 -22.74	84.33 4.71 -20.05	64.11 5.13 -0.02	60.36 4.62 -0.06
CALPINE BETH_PAGE_GT4 24209	48.88 3.16 0.00	44.46 2.64 0.00	41.29 2.45 0.00	40.52 2.29 0.00	40.31 2.10 0.00	45.65 2.95 0.00	56.65 3.80 -0.02	63.03 4.18 -0.02	63.03 4.29 0.00	59.57 3.64 0.00	59.27 3.62 0.00	57.41 3.45 0.00	55.55 3.44 0.00	58.67 3.53 0.00	63.01 3.68 0.00	68.32 3.34 -4.19	83.68 3.77 -11.38	99.54 4.70 -12.40	106.25 4.29 -32.81	102.68 3.90 -32.71	88.74 3.50 -22.74	83.14 3.52 -20.05	62.76 3.77 -0.02	59.25 3.51 -0.06
CALPINE_BETH_PAGE_GT_4 323586	48.98 3.25 -0.01	44.54 2.72 0.00	41.25 2.41 0.00	40.48 2.25 0.00	40.27 2.06 0.00	45.75 3.03 -0.01	56.70 3.85 -0.02	63.26 4.41 -0.02	63.21 4.46 -0.01	60.01 4.08 0.00	59.44 3.79 -0.01	57.53 3.56 -0.01	55.71 3.59 -0.01	59.01 3.86 -0.01	63.19 3.85 -0.01	68.43 3.46 -4.19	83.61 3.70 -11.38	99.71 4.86 -12.40	106.11 4.15 -32.81	102.62 3.83 -32.71	88.86 3.62 -22.74	83.26 3.63 -20.05	62.76 3.78 -0.02	59.02 3.28 -0.06
CALPINE_BP_GT1 23823	48.98 3.25 -0.01	44.54 2.72 0.00	41.25 2.41 0.00	40.48 2.25 0.00	40.27 2.06 0.00	45.75 3.03 -0.01	56.70 3.85 -0.02	63.26 4.41 -0.02	63.21 4.46 -0.01	60.01 4.08 0.00	59.44 3.79 -0.01	57.53 3.56 -0.01	55.71 3.59 -0.01	59.01 3.86 -0.01	63.19 3.85 -0.01	68.43 3.46 -4.19	83.61 3.70 -11.38	99.71 4.86 -12.40	106.11 4.15 -32.81	102.62 3.83 -32.71	88.86 3.62 -22.74	83.26 3.63 -20.05	62.76 3.78 -0.02	59.02 3.28 -0.06
CALSPAN___DRP 24200	41.43 -4.30 0.00	38.23 -3.60 0.00	35.39 -3.46 0.00	34.97 -3.25 0.00	35.34 -2.87 0.00	38.48 -4.23 0.00	46.97 -5.86 0.00	52.30 -6.53 0.00	52.81 -5.93 0.00	51.96 -3.97 0.00	52.03 -3.62 0.00	50.72 -3.24 0.00	48.46 -3.65 0.00	52.27 -2.87 0.00	56.60 -2.73 0.00	57.37 -3.40 0.00	64.83 -3.70 0.00	77.67 -4.78 0.00	63.76 -5.39 0.00	60.65 -5.42 0.00	57.69 -4.81 0.00	54.39 -5.18 0.00	53.89 -5.07 0.00	51.67 -4.01 0.00

CALVERTON___SOLAR 323806	49.71 3.98 -0.01	45.13 3.30 0.00	41.76 2.91 0.00	40.94 2.71 0.00	40.72 2.52 0.00	46.47 3.76 -0.01	57.76 4.91 -0.02	64.62 5.77 -0.02	64.45 5.70 -0.01	60.86 4.92 0.00	60.33 4.68 -0.01	58.23 4.26 -0.01	56.34 4.22 -0.01	59.72 4.57 -0.01	64.20 4.87 -0.01	69.72 4.74 -4.19	85.26 5.35 -11.38	101.77 6.93 -12.40	107.83 5.87 -32.81	104.21 5.42 -32.71	90.36 5.13 -22.74	84.69 5.06 -20.05	64.59 5.60 -0.02	60.81 5.07 -0.06
CANDIGU_WT_PWR 323617	42.39 -3.34 0.00	38.98 -2.85 0.00	36.32 -2.52 0.00	35.97 -2.26 0.00	36.03 -2.18 0.00	39.63 -3.08 0.00	48.98 -3.85 0.00	54.36 -4.47 0.00	54.75 -4.00 0.00	53.19 -2.74 0.00	53.15 -2.50 0.00	51.75 -2.21 0.00	49.71 -2.40 0.00	52.88 -2.26 0.00	57.43 -1.90 0.00	58.96 -1.82 0.00	66.75 -1.78 0.00	80.23 -2.22 0.00	66.52 -2.63 0.00	63.76 -2.31 0.00	59.81 -2.69 0.00	56.54 -3.04 0.00	56.19 -2.77 0.00	54.18 -1.50 0.00
CARR STREET_E_SYR 24060	44.58 -1.14 0.00	40.82 -1.00 0.00	37.95 -0.89 0.00	37.38 -0.84 0.00	37.40 -0.80 0.00	41.64 -1.07 0.00	51.41 -1.42 0.00	57.19 -1.65 0.00	57.21 -1.53 0.00	54.65 -1.28 0.00	54.37 -1.28 0.00	52.72 -1.24 0.00	50.81 -1.30 0.00	53.71 -1.43 0.00	57.90 -1.42 0.00	59.44 -1.34 0.00	67.02 -1.51 0.00	80.56 -1.89 0.00	67.42 -1.73 0.00	64.42 -1.65 0.00	60.75 -1.75 0.00	57.85 -1.73 0.00	57.25 -1.71 0.00	54.23 -1.45 0.00
CARTHAGE___PAPER 23857	45.91 0.18 0.00	42.04 0.21 0.00	38.92 0.08 0.00	38.15 -0.08 0.00	38.20 0.00 0.00	42.83 0.13 0.00	53.36 0.53 0.00	59.72 0.88 0.00	59.45 0.71 0.00	56.10 0.17 0.00	55.93 0.28 0.00	54.18 0.22 0.00	52.68 0.57 0.00	56.02 0.88 0.00	60.58 1.25 0.00	62.72 1.94 0.00	71.20 2.67 0.00	85.66 3.21 0.00	71.78 2.63 0.00	68.52 2.45 0.00	64.74 2.25 0.00	61.60 2.03 0.00	60.73 1.77 0.00	56.96 1.28 0.00
CASSADAGA_WT_PWR 323784	40.01 -5.72 0.00	36.89 -4.94 0.00	34.49 -4.35 0.00	34.29 -3.94 0.00	34.46 -3.74 0.00	37.54 -5.17 0.00	46.71 -6.13 0.00	52.07 -6.76 0.00	52.99 -5.75 0.00	52.58 -3.35 0.00	52.81 -2.84 0.00	51.75 -2.21 0.00	49.45 -2.66 0.00	52.93 -2.21 0.00	58.08 -1.25 0.00	59.26 -1.52 0.00	67.02 -1.51 0.00	80.39 -2.06 0.00	66.11 -3.04 0.00	63.49 -2.58 0.00	59.31 -3.19 0.00	55.47 -4.11 0.00	55.01 -3.95 0.00	53.73 -1.95 0.00
CE_DUNWOOD___DRP 24194	47.74 2.01 0.00	43.58 1.76 0.00	40.51 1.67 0.00	39.87 1.64 0.00	39.73 1.53 0.00	44.58 1.88 0.00	55.32 2.48 0.00	61.89 3.06 0.00	61.80 3.05 0.00	58.73 2.80 0.00	58.26 2.62 0.00	56.44 2.48 0.00	54.61 2.50 0.00	57.68 2.54 0.00	61.88 2.55 0.00	63.15 2.37 0.00	71.13 2.60 0.00	85.83 3.38 0.00	72.26 3.11 0.00	68.91 2.84 0.00	65.00 2.50 0.00	62.14 2.56 0.00	61.55 2.59 0.00	58.08 2.39 0.00
CE_MILLWOOD___DRP 24193	47.65 1.92 0.00	43.50 1.67 0.00	40.44 1.59 0.00	39.79 1.57 0.00	39.66 1.45 0.00	44.50 1.79 0.00	55.21 2.38 0.00	61.72 2.88 0.00	61.68 2.94 0.00	58.56 2.63 0.00	58.10 2.45 0.00	56.28 2.32 0.00	54.46 2.34 0.00	57.51 2.37 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.93 2.40 0.00	85.58 3.13 0.00	72.06 2.90 0.00	68.72 2.64 0.00	64.87 2.37 0.00	61.96 2.38 0.00	61.44 2.48 0.00	57.91 2.23 0.00
CE_NYC2_DRP 24202	48.24 2.51 0.00	44.00 2.17 0.00	40.82 1.98 0.00	40.17 1.95 0.00	40.00 1.80 0.00	44.84 2.14 0.00	55.69 2.85 0.00	62.13 3.29 0.00	62.03 3.29 0.00	59.07 3.13 0.00	58.43 2.78 0.00	56.71 2.75 0.00	54.92 2.81 0.00	57.84 2.70 0.00	62.00 2.67 0.00	63.15 2.37 0.00	71.07 2.54 0.00	85.66 3.22 0.00	72.33 3.18 0.00	68.85 2.78 0.00	65.06 2.56 0.00	62.14 2.56 0.00	61.67 2.71 0.00	58.41 2.73 0.00
CE_NYC_DRP 24195	47.92 2.19 0.00	43.71 1.88 0.00	40.63 1.79 0.00	39.98 1.76 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.19 3.35 0.00	62.15 3.41 0.00	59.12 3.19 0.00	58.54 2.89 0.00	56.77 2.81 0.00	54.92 2.81 0.00	57.95 2.81 0.00	62.12 2.79 0.00	63.33 2.55 0.00	71.34 2.81 0.00	86.08 3.63 0.00	72.54 3.39 0.00	69.11 3.04 0.00	65.18 2.69 0.00	62.26 2.68 0.00	61.79 2.83 0.00	58.30 2.62 0.00
CHAFFEE___LFGE 323603	41.52 -4.21 0.00	38.36 -3.47 0.00	35.81 -3.03 0.00	35.51 -2.71 0.00	35.64 -2.56 0.00	38.56 -4.14 0.00	47.39 -5.44 0.00	52.48 -6.36 0.00	52.99 -5.75 0.00	52.24 -3.69 0.00	52.20 -3.45 0.00	50.89 -3.07 0.00	48.46 -3.65 0.00	51.72 -3.42 0.00	56.72 -2.61 0.00	57.80 -2.98 0.00	65.17 -3.36 0.00	78.16 -4.29 0.00	64.31 -4.84 0.00	62.04 -4.03 0.00	58.00 -4.50 0.00	54.63 -4.94 0.00	54.48 -4.48 0.00	53.62 -2.06 0.00
CHATEAUG_35_KV_LOAD 355732	46.41 0.69 0.00	42.50 0.67 0.00	39.43 0.58 0.00	38.72 0.50 0.00	38.74 0.53 0.00	43.30 0.60 0.00	53.63 0.79 0.00	59.77 0.94 0.00	59.68 0.94 0.00	56.83 0.89 0.00	56.65 1.00 0.00	54.93 0.97 0.00	53.15 1.04 0.00	56.08 0.94 0.00	60.34 1.01 0.00	61.93 1.15 0.00	70.11 1.58 0.00	84.26 1.81 0.00	70.60 1.45 0.00	67.72 1.65 0.00	64.12 1.62 0.00	61.07 1.49 0.00	60.32 1.36 0.00	56.80 1.11 0.00
CHATEAUG_WT_PWR 323614	46.28 0.55 0.00	42.41 0.59 0.00	39.31 0.47 0.00	38.60 0.38 0.00	38.63 0.42 0.00	43.18 0.47 0.00	53.47 0.64 0.00	59.60 0.76 0.00	59.50 0.76 0.00	56.66 0.73 0.00	56.48 0.84 0.00	54.77 0.81 0.00	53.00 0.89 0.00	55.97 0.83 0.00	60.22 0.89 0.00	61.75 0.97 0.00	70.04 1.51 0.00	83.93 1.49 0.00	70.53 1.38 0.00	67.46 1.39 0.00	63.81 1.31 0.00	60.83 1.25 0.00	60.08 1.12 0.00	56.63 0.95 0.00
CHAT_HIGH_FALL_HYD 323578	46.41 0.69 0.00	42.50 0.67 0.00	39.43 0.58 0.00	38.72 0.50 0.00	38.74 0.53 0.00	43.30 0.60 0.00	53.63 0.79 0.00	59.77 0.94 0.00	59.68 0.94 0.00	56.83 0.89 0.00	56.65 1.00 0.00	54.93 0.97 0.00	53.15 1.04 0.00	56.08 0.94 0.00	60.34 1.01 0.00	61.93 1.15 0.00	70.11 1.58 0.00	84.26 1.81 0.00	70.60 1.45 0.00	67.72 1.65 0.00	64.12 1.62 0.00	61.07 1.49 0.00	60.32 1.36 0.00	56.80 1.11 0.00
CHAUTAUQUA___LFGE 323629	40.97 -4.76 0.00	37.81 -4.02 0.00	35.31 -3.53 0.00	35.05 -3.17 0.00	35.19 -3.02 0.00	38.26 -4.44 0.00	47.23 -5.60 0.00	52.42 -6.41 0.00	53.10 -5.64 0.00	52.46 -3.47 0.00	52.53 -3.12 0.00	51.32 -2.64 0.00	48.93 -3.18 0.00	52.27 -2.87 0.00	57.25 -2.08 0.00	58.41 -2.37 0.00	66.00 -2.53 0.00	79.15 -3.30 0.00	65.14 -4.01 0.00	62.63 -3.44 0.00	58.56 -3.94 0.00	54.93 -4.65 0.00	54.60 -4.36 0.00	53.51 -2.17 0.00
CHERRYST_13_KV_LD 356241	48.06 2.33 0.00	43.79 1.97 0.00	40.75 1.90 0.00	40.09 1.87 0.00	39.92 1.72 0.00	44.84 2.14 0.00	55.74 2.91 0.00	62.42 3.59 0.00	62.33 3.58 0.00	59.34 3.41 0.00	58.71 3.06 0.00	56.93 2.97 0.00	55.13 3.02 0.00	58.12 2.98 0.00	62.29 2.97 0.00	63.51 2.73 0.00	71.55 3.02 0.00	86.32 3.88 0.00	72.75 3.60 0.00	69.31 3.24 0.00	65.37 2.87 0.00	62.44 2.86 0.00	61.91 2.95 0.00	58.47 2.78 0.00

CHESTROR_138KV_BK263 355645	47.23 1.51 0.00	43.12 1.30 0.00	40.09 1.24 0.00	39.45 1.22 0.00	39.31 1.11 0.00	44.12 1.41 0.00	54.58 1.74 0.00	61.01 2.18 0.00	60.92 2.17 0.00	57.83 1.90 0.00	57.37 1.73 0.00	55.58 1.62 0.00	53.78 1.67 0.00	56.85 1.71 0.00	61.05 1.72 0.00	62.42 1.64 0.00	70.38 1.85 0.00	84.76 2.31 0.00	71.36 2.21 0.00	68.12 2.05 0.00	64.31 1.81 0.00	61.42 1.85 0.00	60.79 1.83 0.00	57.35 1.67 0.00
CH_MIDHUDSON___DRP 24192	47.83 2.10 0.00	43.58 1.76 0.00	40.55 1.71 0.00	39.87 1.64 0.00	39.73 1.53 0.00	44.58 1.88 0.00	55.21 2.38 0.00	61.72 2.88 0.00	61.68 2.94 0.00	58.56 2.63 0.00	58.04 2.39 0.00	56.17 2.21 0.00	54.35 2.24 0.00	57.40 2.26 0.00	61.70 2.37 0.00	63.09 2.31 0.00	71.07 2.54 0.00	85.66 3.22 0.00	72.19 3.04 0.00	68.85 2.78 0.00	65.00 2.50 0.00	62.14 2.56 0.00	61.55 2.59 0.00	58.02 2.34 0.00
CH_MISC_IPPS 23765	48.01 2.29 0.00	43.75 1.93 0.00	40.63 1.79 0.00	39.90 1.68 0.00	39.81 1.60 0.00	44.76 2.05 0.00	55.32 2.48 0.00	61.95 3.12 0.00	61.91 3.17 0.00	58.73 2.80 0.00	58.16 2.51 0.00	56.28 2.32 0.00	54.51 2.40 0.00	57.68 2.54 0.00	61.94 2.61 0.00	63.27 2.49 0.00	71.34 2.81 0.00	86.24 3.79 0.00	72.33 3.18 0.00	69.11 3.04 0.00	65.37 2.88 0.00	62.44 2.86 0.00	61.79 2.83 0.00	57.91 2.23 0.00
CH_RES_BVR_FALLS 23983	45.68 -0.05 0.00	41.78 -0.04 0.00	38.80 -0.04 0.00	38.18 -0.04 0.00	38.17 -0.04 0.00	42.66 -0.04 0.00	52.78 -0.05 0.00	58.77 -0.06 0.00	58.74 0.00 0.00	55.93 0.00 0.00	55.65 0.00 0.00	53.96 0.00 0.00	52.11 0.00 0.00	55.14 0.00 0.00	59.33 0.00 0.00	60.78 0.00 0.00	68.60 0.07 0.00	82.45 0.00 0.00	69.15 0.00 0.00	66.07 0.00 0.00	62.50 0.00 0.00	59.58 0.00 0.00	58.96 0.00 0.00	55.68 0.00 0.00
CH_RES_NIAGARA 23895	40.19 -5.53 0.00	37.14 -4.68 0.00	34.26 -4.58 0.00	33.86 -4.36 0.00	34.23 -3.97 0.00	37.32 -5.38 0.00	45.07 -7.77 0.00	50.07 -8.77 0.00	50.52 -8.22 0.00	49.72 -6.21 0.00	49.75 -5.90 0.00	48.46 -5.50 0.00	46.22 -5.89 0.00	49.85 -5.29 0.00	53.87 -5.46 0.00	54.52 -6.26 0.00	61.40 -7.13 0.00	73.46 -8.99 0.00	60.30 -8.85 0.00	57.28 -8.79 0.00	54.56 -7.94 0.00	51.71 -7.86 0.00	51.30 -7.66 0.00	49.17 -6.51 0.00
CH_RES_SYRACUSE 23985	44.90 -0.82 0.00	41.11 -0.71 0.00	38.18 -0.66 0.00	37.61 -0.61 0.00	37.63 -0.57 0.00	41.89 -0.81 0.00	51.88 -0.95 0.00	57.71 -1.12 0.00	57.74 -1.00 0.00	55.10 -0.84 0.00	54.82 -0.83 0.00	53.15 -0.81 0.00	51.22 -0.89 0.00	54.15 -0.99 0.00	58.38 -0.95 0.00	59.93 -0.85 0.00	67.64 -0.89 0.00	81.37 -1.07 0.00	68.04 -1.11 0.00	65.08 -0.99 0.00	61.37 -1.12 0.00	58.39 -1.19 0.00	57.78 -1.18 0.00	54.74 -0.95 0.00
CLINTON_WT_PWR 323605	46.28 0.55 0.00	42.41 0.59 0.00	39.31 0.47 0.00	38.60 0.38 0.00	38.63 0.42 0.00	43.18 0.47 0.00	53.47 0.64 0.00	59.60 0.76 0.00	59.50 0.76 0.00	56.66 0.73 0.00	56.48 0.84 0.00	54.77 0.81 0.00	53.00 0.89 0.00	55.97 0.83 0.00	60.22 0.89 0.00	61.75 0.97 0.00	70.04 1.51 0.00	83.93 1.49 0.00	70.53 1.38 0.00	67.46 1.39 0.00	63.81 1.31 0.00	60.83 1.25 0.00	60.08 1.12 0.00	56.63 0.95 0.00
CLINTON___LFGE 323618	47.00 1.28 0.00	43.08 1.25 0.00	39.97 1.13 0.00	39.21 0.99 0.00	39.27 1.07 0.00	43.86 1.15 0.00	54.47 1.64 0.00	60.72 1.88 0.00	60.62 1.88 0.00	57.72 1.79 0.00	57.48 1.83 0.00	55.74 1.78 0.00	53.93 1.82 0.00	56.85 1.71 0.00	61.17 1.84 0.00	62.78 2.00 0.00	71.41 2.88 0.00	85.66 3.21 0.00	71.92 2.77 0.00	68.78 2.71 0.00	65.06 2.56 0.00	61.96 2.39 0.00	61.14 2.18 0.00	57.63 1.95 0.00
COBBLENY_34_KV_TB1 80064	41.52 -4.21 0.00	38.27 -3.56 0.00	35.46 -3.38 0.00	35.05 -3.17 0.00	35.42 -2.79 0.00	38.56 -4.14 0.00	47.13 -5.71 0.00	52.48 -6.35 0.00	53.04 -5.70 0.00	52.13 -3.80 0.00	52.20 -3.45 0.00	50.89 -3.08 0.00	48.62 -3.49 0.00	52.49 -2.65 0.00	56.78 -2.55 0.00	57.62 -3.16 0.00	65.17 -3.36 0.00	78.08 -4.37 0.00	64.10 -5.05 0.00	60.99 -5.09 0.00	58.00 -4.50 0.00	54.63 -4.94 0.00	54.07 -4.89 0.00	51.90 -3.79 0.00
COFFEEN___115KV_TB3 355620	46.09 0.37 0.00	42.24 0.42 0.00	39.04 0.19 0.00	38.22 0.00 0.00	38.32 0.11 0.00	43.05 0.34 0.00	53.63 0.79 0.00	60.19 1.35 0.00	59.86 1.12 0.00	56.32 0.39 0.00	56.15 0.50 0.00	54.34 0.38 0.00	52.89 0.78 0.00	56.30 1.16 0.00	60.87 1.54 0.00	63.15 2.37 0.00	71.82 3.29 0.00	86.49 4.04 0.00	72.47 3.32 0.00	69.05 2.97 0.00	65.25 2.75 0.00	62.02 2.44 0.00	61.08 2.12 0.00	57.13 1.45 0.00
COLDSPRG_115KV_BK1 355956	41.47 -4.25 0.00	38.15 -3.68 0.00	35.42 -3.42 0.00	35.09 -3.13 0.00	35.45 -2.75 0.00	38.73 -3.97 0.00	47.87 -4.97 0.00	53.48 -5.35 0.00	54.22 -4.52 0.00	53.42 -2.52 0.00	53.59 -2.06 0.00	52.40 -1.56 0.00	50.13 -1.98 0.00	54.15 -0.99 0.00	58.73 -0.59 0.00	59.74 -1.03 0.00	67.64 -0.89 0.00	81.13 -1.32 0.00	66.66 -2.49 0.00	63.43 -2.64 0.00	60.19 -2.31 0.00	56.30 -3.28 0.00	55.60 -3.36 0.00	53.29 -2.39 0.00
COLONIE_LFGE___ 323577	47.51 1.78 0.00	43.33 1.50 0.00	40.24 1.40 0.00	39.60 1.37 0.00	39.54 1.34 0.00	44.37 1.66 0.00	54.89 2.06 0.00	60.95 2.11 0.00	60.80 2.05 0.00	57.78 1.84 0.00	57.48 1.83 0.00	55.69 1.73 0.00	53.67 1.56 0.00	56.85 1.71 0.00	61.05 1.72 0.00	62.60 1.82 0.00	70.31 1.78 0.00	84.92 2.47 0.00	71.30 2.15 0.00	68.12 2.05 0.00	64.62 2.13 0.00	61.66 2.08 0.00	61.02 2.06 0.00	57.52 1.83 0.00
COOPERNY_115KV_TB1 80082	46.73 1.01 0.00	42.70 0.88 0.00	39.66 0.82 0.00	39.02 0.80 0.00	38.93 0.73 0.00	43.65 0.94 0.00	54.00 1.16 0.00	60.30 1.47 0.00	60.27 1.53 0.00	57.28 1.34 0.00	56.87 1.22 0.00	55.09 1.13 0.00	53.26 1.15 0.00	56.35 1.21 0.00	60.57 1.25 0.00	61.93 1.15 0.00	69.83 1.30 0.00	84.18 1.73 0.00	70.74 1.59 0.00	67.46 1.39 0.00	63.75 1.25 0.00	60.83 1.25 0.00	60.26 1.30 0.00	56.85 1.17 0.00
COPENHAGEN_WT_PWR 323753	45.82 0.09 0.00	41.99 0.17 0.00	38.84 0.00 0.00	38.07 -0.15 0.00	38.17 -0.04 0.00	42.79 0.09 0.00	53.31 0.47 0.00	59.66 0.82 0.00	59.39 0.65 0.00	56.04 0.11 0.00	55.82 0.17 0.00	54.12 0.16 0.00	52.58 0.47 0.00	55.85 0.71 0.00	60.45 1.12 0.00	62.60 1.82 0.00	71.13 2.60 0.00	85.58 3.13 0.00	71.64 2.49 0.00	68.38 2.31 0.00	64.56 2.06 0.00	61.36 1.79 0.00	60.55 1.59 0.00	56.80 1.11 0.00
CORNELL_____ 23752	45.82 0.09 0.00	41.91 0.08 0.00	38.88 0.04 0.00	38.30 0.08 0.00	38.32 0.11 0.00	42.75 0.04 0.00	52.99 0.16 0.00	59.07 0.24 0.00	59.04 0.29 0.00	56.38 0.45 0.00	56.09 0.45 0.00	54.28 0.32 0.00	52.37 0.26 0.00	55.47 0.33 0.00	59.86 0.53 0.00	61.51 0.73 0.00	69.76 1.23 0.00	83.85 1.40 0.00	70.12 0.97 0.00	66.80 0.73 0.00	63.12 0.62 0.00	59.99 0.42 0.00	59.26 0.29 0.00	55.96 0.28 0.00

CORONA__KV_TB1 355595	48.83 3.11 0.00	44.46 2.64 0.00	41.29 2.45 0.00	40.55 2.33 0.00	40.34 2.14 0.00	45.61 2.90 0.00	56.60 3.75 -0.02	63.14 4.29 -0.02	63.21 4.46 0.00	59.96 4.03 0.00	59.54 3.90 0.00	57.74 3.78 0.00	55.86 3.75 0.00	59.00 3.86 0.00	63.24 3.92 0.00	68.56 3.59 -4.19	83.82 3.91 -11.38	99.87 5.03 -12.40	106.52 4.56 -32.81	102.95 4.16 -32.71	89.05 3.81 -22.74	83.44 3.81 -20.05	62.87 3.89 -0.02	59.36 3.62 -0.06
CORTLAND_115KV_TB3 80093	45.50 -0.23 0.00	41.66 -0.17 0.00	38.65 -0.19 0.00	38.07 -0.15 0.00	38.09 -0.11 0.00	42.49 -0.21 0.00	52.68 -0.16 0.00	58.66 -0.18 0.00	58.68 -0.06 0.00	55.99 0.06 0.00	55.70 0.06 0.00	53.96 0.00 0.00	52.06 -0.05 0.00	55.14 0.00 0.00	59.45 0.12 0.00	61.02 0.24 0.00	69.01 0.48 0.00	83.03 0.58 0.00	69.43 0.28 0.00	66.20 0.13 0.00	62.56 0.06 0.00	59.46 -0.12 0.00	58.78 -0.18 0.00	55.52 -0.17 0.00
COXSACKIE__GT 23611	49.11 3.38 0.00	44.59 2.76 0.00	41.49 2.64 0.00	40.67 2.45 0.00	40.65 2.45 0.00	45.61 2.91 0.00	55.95 3.12 0.00	61.83 3.00 0.00	61.74 2.99 0.00	58.06 2.12 0.00	57.38 1.73 0.00	55.47 1.51 0.00	53.46 1.35 0.00	56.52 1.38 0.00	60.93 1.60 0.00	63.39 2.61 0.00	71.89 3.36 0.00	86.90 4.45 0.00	72.88 3.73 0.00	69.84 3.76 0.00	66.18 3.69 0.00	63.09 3.51 0.00	62.44 3.48 0.00	58.47 2.78 0.00
CPV_VALLEY__CC1 323721	46.96 1.24 0.00	42.87 1.05 0.00	39.77 0.93 0.00	39.14 0.92 0.00	39.04 0.84 0.00	43.86 1.15 0.00	54.21 1.37 0.00	60.66 1.83 0.00	60.57 1.82 0.00	57.56 1.62 0.00	57.09 1.44 0.00	55.31 1.35 0.00	53.52 1.41 0.00	56.74 1.60 0.00	60.87 1.54 0.00	62.06 1.28 0.00	69.83 1.30 0.00	84.35 1.90 0.00	70.74 1.59 0.00	67.52 1.45 0.00	63.87 1.37 0.00	61.00 1.43 0.00	60.37 1.41 0.00	56.74 1.06 0.00
CPV_VALLEY__CC2 323722	46.96 1.24 0.00	42.87 1.05 0.00	39.77 0.93 0.00	39.14 0.92 0.00	39.04 0.84 0.00	43.86 1.15 0.00	54.21 1.37 0.00	60.66 1.83 0.00	60.57 1.82 0.00	57.56 1.62 0.00	57.09 1.44 0.00	55.31 1.35 0.00	53.52 1.41 0.00	56.74 1.60 0.00	60.87 1.54 0.00	62.06 1.28 0.00	69.83 1.30 0.00	84.35 1.90 0.00	70.74 1.59 0.00	67.52 1.45 0.00	63.87 1.37 0.00	61.00 1.43 0.00	60.37 1.41 0.00	56.74 1.06 0.00
CRESCENT__HYD 24018	47.51 1.78 0.00	43.33 1.50 0.00	40.24 1.40 0.00	39.60 1.37 0.00	39.54 1.34 0.00	44.37 1.66 0.00	54.89 2.06 0.00	60.95 2.11 0.00	60.80 2.05 0.00	57.78 1.84 0.00	57.48 1.83 0.00	55.69 1.73 0.00	53.67 1.56 0.00	56.85 1.71 0.00	61.05 1.72 0.00	62.60 1.82 0.00	70.31 1.78 0.00	84.92 2.47 0.00	71.30 2.15 0.00	68.12 2.05 0.00	64.62 2.13 0.00	61.66 2.08 0.00	61.02 2.06 0.00	57.52 1.83 0.00
CRICKET__VALLEY_CC1 323756	47.60 1.88 0.00	43.42 1.59 0.00	40.28 1.44 0.00	39.64 1.42 0.00	39.54 1.34 0.00	44.46 1.75 0.00	55.00 2.17 0.00	61.60 2.77 0.00	61.50 2.76 0.00	58.45 2.52 0.00	57.93 2.28 0.00	56.12 2.16 0.00	54.35 2.24 0.00	57.56 2.42 0.00	61.70 2.38 0.00	62.72 1.94 0.00	70.31 1.78 0.00	85.01 2.56 0.00	71.30 2.15 0.00	68.05 1.98 0.00	64.56 2.06 0.00	61.84 2.26 0.00	61.20 2.24 0.00	57.52 1.83 0.00
CRICKET__VALLEY_CC2 323757	47.60 1.88 0.00	43.42 1.59 0.00	40.28 1.44 0.00	39.64 1.42 0.00	39.54 1.34 0.00	44.46 1.75 0.00	55.00 2.17 0.00	61.60 2.77 0.00	61.50 2.76 0.00	58.45 2.52 0.00	57.93 2.28 0.00	56.12 2.16 0.00	54.35 2.24 0.00	57.56 2.42 0.00	61.70 2.38 0.00	62.72 1.94 0.00	70.31 1.78 0.00	85.01 2.56 0.00	71.30 2.15 0.00	68.05 1.98 0.00	64.56 2.06 0.00	61.84 2.26 0.00	61.20 2.24 0.00	57.52 1.83 0.00
CRICKET__VALLEY_CC3 323758	47.60 1.88 0.00	43.42 1.59 0.00	40.28 1.44 0.00	39.64 1.42 0.00	39.54 1.34 0.00	44.46 1.75 0.00	55.00 2.17 0.00	61.60 2.77 0.00	61.50 2.76 0.00	58.45 2.52 0.00	57.93 2.28 0.00	56.12 2.16 0.00	54.35 2.24 0.00	57.56 2.42 0.00	61.70 2.38 0.00	62.72 1.94 0.00	70.31 1.78 0.00	85.01 2.56 0.00	71.30 2.15 0.00	68.05 1.98 0.00	64.56 2.06 0.00	61.84 2.26 0.00	61.20 2.24 0.00	57.52 1.83 0.00
CRUCIBLE_METL_DRP 24180	44.90 -0.82 0.00	41.07 -0.75 0.00	38.14 -0.70 0.00	37.57 -0.65 0.00	37.59 -0.61 0.00	41.89 -0.81 0.00	51.88 -0.95 0.00	57.72 -1.12 0.00	57.74 -1.00 0.00	55.09 -0.84 0.00	54.81 -0.83 0.00	53.15 -0.81 0.00	51.22 -0.89 0.00	54.26 -0.88 0.00	58.38 -0.95 0.00	59.87 -0.91 0.00	67.64 -0.89 0.00	81.38 -1.07 0.00	68.04 -1.11 0.00	64.88 -1.19 0.00	61.37 -1.12 0.00	58.39 -1.19 0.00	57.72 -1.24 0.00	54.51 -1.17 0.00
DAHOWA__HYDRO 323763	47.83 2.10 0.00	43.66 1.84 0.00	40.51 1.67 0.00	39.86 1.64 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.37 2.54 0.00	61.66 2.82 0.00	61.50 2.76 0.00	58.28 2.35 0.00	57.88 2.23 0.00	55.96 2.00 0.00	53.83 1.72 0.00	57.02 1.88 0.00	61.28 1.95 0.00	63.15 2.37 0.00	71.13 2.60 0.00	86.07 3.62 0.00	72.40 3.25 0.00	69.11 3.04 0.00	65.50 3.00 0.00	62.44 2.86 0.00	61.79 2.83 0.00	58.19 2.51 0.00
DANC__LFGE 323619	45.27 -0.46 0.00	41.45 -0.38 0.00	38.42 -0.43 0.00	37.72 -0.50 0.00	37.78 -0.42 0.00	42.28 -0.43 0.00	52.52 -0.32 0.00	58.60 -0.23 0.00	58.45 -0.29 0.00	55.32 -0.61 0.00	55.09 -0.56 0.00	53.47 -0.49 0.00	51.80 -0.31 0.00	54.97 -0.16 0.00	59.39 0.06 0.00	61.32 0.55 0.00	69.42 0.89 0.00	83.52 1.07 0.00	69.84 0.69 0.00	66.67 0.59 0.00	62.94 0.44 0.00	59.94 0.36 0.00	59.26 0.30 0.00	55.79 0.11 0.00
DANSKAMMER__1 23586	48.01 2.29 0.00	43.75 1.93 0.00	40.63 1.79 0.00	39.90 1.68 0.00	39.81 1.60 0.00	44.76 2.05 0.00	55.32 2.48 0.00	61.95 3.12 0.00	61.91 3.17 0.00	58.73 2.80 0.00	58.16 2.51 0.00	56.28 2.32 0.00	54.51 2.40 0.00	57.68 2.54 0.00	61.94 2.61 0.00	63.27 2.49 0.00	71.34 2.81 0.00	86.24 3.79 0.00	72.33 3.18 0.00	69.11 3.04 0.00	65.37 2.88 0.00	62.44 2.86 0.00	61.79 2.83 0.00	57.91 2.23 0.00
DANSKAMMER__2 23589	48.01 2.29 0.00	43.75 1.93 0.00	40.63 1.79 0.00	39.90 1.68 0.00	39.81 1.60 0.00	44.76 2.05 0.00	55.32 2.48 0.00	61.95 3.12 0.00	61.91 3.17 0.00	58.73 2.80 0.00	58.16 2.51 0.00	56.28 2.32 0.00	54.51 2.40 0.00	57.68 2.54 0.00	61.94 2.61 0.00	63.27 2.49 0.00	71.34 2.81 0.00	86.24 3.79 0.00	72.33 3.18 0.00	69.11 3.04 0.00	65.37 2.88 0.00	62.44 2.86 0.00	61.79 2.83 0.00	57.91 2.23 0.00
DANSKAMMER__3 23590	48.01 2.29 0.00	43.75 1.93 0.00	40.63 1.79 0.00	39.90 1.68 0.00	39.81 1.60 0.00	44.76 2.05 0.00	55.32 2.48 0.00	61.95 3.12 0.00	61.91 3.17 0.00	58.73 2.80 0.00	58.16 2.51 0.00	56.28 2.32 0.00	54.51 2.40 0.00	57.68 2.54 0.00	61.94 2.61 0.00	63.27 2.49 0.00	71.34 2.81 0.00	86.24 3.79 0.00	72.33 3.18 0.00	69.11 3.04 0.00	65.37 2.88 0.00	62.44 2.86 0.00	61.79 2.83 0.00	57.91 2.23 0.00

DANSKAMMER___4 23591	48.01 2.29 0.00	43.75 1.93 0.00	40.63 1.79 0.00	39.90 1.68 0.00	39.81 1.60 0.00	44.76 2.05 0.00	55.32 2.48 0.00	61.95 3.12 0.00	61.91 3.17 0.00	58.73 2.80 0.00	58.16 2.51 0.00	56.28 2.32 0.00	54.51 2.40 0.00	57.68 2.54 0.00	61.94 2.61 0.00	63.27 2.49 0.00	71.34 2.81 0.00	86.24 3.79 0.00	72.33 3.18 0.00	69.11 3.04 0.00	65.37 2.88 0.00	62.44 2.86 0.00	61.79 2.83 0.00	57.91 2.23 0.00
DANSKAMMER___DIESEL 23592	47.97 2.24 0.00	43.71 1.88 0.00	40.67 1.83 0.00	39.98 1.76 0.00	39.85 1.64 0.00	44.71 2.01 0.00	55.26 2.43 0.00	61.83 3.00 0.00	61.86 3.11 0.00	58.62 2.68 0.00	58.10 2.45 0.00	56.23 2.27 0.00	54.40 2.29 0.00	57.46 2.32 0.00	61.76 2.43 0.00	63.27 2.49 0.00	71.41 2.88 0.00	85.99 3.55 0.00	72.47 3.32 0.00	69.18 3.11 0.00	65.31 2.81 0.00	62.38 2.80 0.00	61.73 2.77 0.00	58.13 2.45 0.00
DARBY___SOLAR 323810	47.73 2.01 0.00	43.54 1.72 0.00	40.44 1.59 0.00	39.79 1.57 0.00	39.77 1.57 0.00	44.67 1.97 0.00	55.21 2.38 0.00	61.48 2.65 0.00	61.32 2.58 0.00	58.17 2.24 0.00	57.71 2.06 0.00	55.80 1.84 0.00	53.73 1.62 0.00	56.90 1.76 0.00	61.17 1.84 0.00	63.03 2.25 0.00	70.93 2.40 0.00	85.75 3.30 0.00	72.19 3.04 0.00	68.91 2.84 0.00	65.31 2.81 0.00	62.26 2.68 0.00	61.62 2.66 0.00	58.02 2.34 0.00
DASHVILLE___HYD 23610	47.69 1.97 0.00	43.46 1.63 0.00	40.40 1.55 0.00	39.71 1.49 0.00	39.58 1.38 0.00	44.41 1.71 0.00	54.84 2.01 0.00	61.30 2.47 0.00	61.27 2.53 0.00	58.00 2.07 0.00	57.49 1.84 0.00	55.63 1.67 0.00	53.83 1.72 0.00	56.85 1.71 0.00	61.11 1.78 0.00	62.66 1.88 0.00	70.79 2.26 0.00	85.25 2.80 0.00	71.85 2.70 0.00	68.58 2.51 0.00	64.68 2.19 0.00	61.84 2.26 0.00	61.26 2.30 0.00	57.69 2.00 0.00
DELAWARE___LFGE 323621	46.59 0.87 0.00	42.62 0.79 0.00	39.54 0.70 0.00	38.87 0.65 0.00	38.85 0.65 0.00	43.52 0.81 0.00	53.89 1.06 0.00	60.19 1.35 0.00	60.09 1.35 0.00	57.05 1.12 0.00	56.71 1.06 0.00	54.93 0.97 0.00	53.15 1.04 0.00	56.30 1.16 0.00	60.63 1.31 0.00	62.18 1.40 0.00	70.24 1.71 0.00	84.59 2.14 0.00	71.02 1.87 0.00	67.72 1.65 0.00	64.00 1.50 0.00	61.01 1.43 0.00	60.32 1.36 0.00	56.91 1.23 0.00
DERFIELD_115KV_TB7 355931	45.77 0.05 0.00	41.83 0.00 0.00	38.84 0.00 0.00	38.22 0.00 0.00	38.20 0.00 0.00	42.75 0.04 0.00	52.89 0.05 0.00	58.89 0.06 0.00	58.86 0.12 0.00	55.99 0.06 0.00	55.70 0.06 0.00	54.01 0.05 0.00	52.21 0.10 0.00	55.25 0.11 0.00	59.45 0.12 0.00	60.90 0.12 0.00	68.67 0.14 0.00	82.70 0.25 0.00	69.36 0.21 0.00	66.20 0.13 0.00	62.62 0.12 0.00	59.70 0.12 0.00	59.08 0.12 0.00	55.79 0.11 0.00
DOGLEVILLE___HYD 23807	46.78 1.05 0.00	42.70 0.88 0.00	39.62 0.78 0.00	38.95 0.73 0.00	38.97 0.76 0.00	43.65 0.94 0.00	54.05 1.22 0.00	60.30 1.47 0.00	60.33 1.59 0.00	57.44 1.51 0.00	57.32 1.67 0.00	55.63 1.67 0.00	53.93 1.82 0.00	57.23 2.10 0.00	61.82 2.49 0.00	63.45 2.67 0.00	71.61 3.08 0.00	86.24 3.79 0.00	72.40 3.25 0.00	69.11 3.04 0.00	65.43 2.94 0.00	62.44 2.86 0.00	61.85 2.89 0.00	58.36 2.67 0.00
DUNKIRK___115KV_TB_200 55889	41.06 -4.66 0.00	37.85 -3.97 0.00	35.08 -3.77 0.00	34.74 -3.48 0.00	35.07 -3.13 0.00	38.35 -4.36 0.00	47.08 -5.76 0.00	52.48 -6.35 0.00	53.10 -5.64 0.00	52.35 -3.58 0.00	52.48 -3.17 0.00	51.21 -2.75 0.00	49.04 -3.07 0.00	52.82 -2.32 0.00	57.25 -2.08 0.00	58.16 -2.61 0.00	65.79 -2.74 0.00	78.82 -3.63 0.00	64.79 -4.36 0.00	61.58 -4.49 0.00	58.44 -4.06 0.00	54.93 -4.65 0.00	54.24 -4.72 0.00	51.95 -3.73 0.00
DUNKIRK___1 23563	41.06 -4.66 0.00	37.85 -3.97 0.00	35.08 -3.77 0.00	34.74 -3.48 0.00	35.07 -3.13 0.00	38.35 -4.36 0.00	47.08 -5.76 0.00	52.48 -6.35 0.00	53.10 -5.64 0.00	52.35 -3.58 0.00	52.48 -3.17 0.00	51.21 -2.75 0.00	49.04 -3.07 0.00	52.82 -2.32 0.00	57.25 -2.08 0.00	58.16 -2.61 0.00	65.79 -2.74 0.00	78.82 -3.63 0.00	64.79 -4.36 0.00	61.58 -4.49 0.00	58.44 -4.06 0.00	54.93 -4.65 0.00	54.24 -4.72 0.00	51.95 -3.73 0.00
DUNKIRK___2 23564	41.06 -4.66 0.00	37.85 -3.97 0.00	35.08 -3.77 0.00	34.74 -3.48 0.00	35.07 -3.13 0.00	38.35 -4.36 0.00	47.08 -5.76 0.00	52.48 -6.35 0.00	53.10 -5.64 0.00	52.35 -3.58 0.00	52.48 -3.17 0.00	51.21 -2.75 0.00	49.04 -3.07 0.00	52.82 -2.32 0.00	57.25 -2.08 0.00	58.16 -2.61 0.00	65.79 -2.74 0.00	78.82 -3.63 0.00	64.79 -4.36 0.00	61.58 -4.49 0.00	58.44 -4.06 0.00	54.93 -4.65 0.00	54.24 -4.72 0.00	51.95 -3.73 0.00
DUNKIRK___3 23565	41.24 -4.48 0.00	38.02 -3.81 0.00	35.23 -3.61 0.00	34.86 -3.36 0.00	35.19 -3.02 0.00	38.44 -4.27 0.00	47.08 -5.76 0.00	52.42 -6.41 0.00	53.04 -5.70 0.00	52.13 -3.80 0.00	52.25 -3.39 0.00	50.99 -2.97 0.00	48.78 -3.34 0.00	52.55 -2.59 0.00	56.90 -2.43 0.00	57.80 -2.98 0.00	65.38 -3.15 0.00	78.33 -4.12 0.00	64.38 -4.77 0.00	61.18 -4.89 0.00	58.12 -4.37 0.00	54.75 -4.83 0.00	54.07 -4.89 0.00	51.84 -3.84 0.00
DUNKIRK___4 23566	41.24 -4.48 0.00	38.02 -3.81 0.00	35.23 -3.61 0.00	34.86 -3.36 0.00	35.19 -3.02 0.00	38.44 -4.27 0.00	47.08 -5.76 0.00	52.42 -6.41 0.00	53.04 -5.70 0.00	52.13 -3.80 0.00	52.25 -3.39 0.00	50.99 -2.97 0.00	48.78 -3.34 0.00	52.55 -2.59 0.00	56.90 -2.43 0.00	57.80 -2.98 0.00	65.38 -3.15 0.00	78.33 -4.12 0.00	64.38 -4.77 0.00	61.18 -4.89 0.00	58.12 -4.37 0.00	54.75 -4.83 0.00	54.07 -4.89 0.00	51.84 -3.84 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	47.87 2.15 0.00	43.67 1.84 0.00	40.59 1.75 0.00	39.94 1.72 0.00	39.77 1.57 0.00	44.67 1.96 0.00	55.48 2.64 0.00	62.07 3.24 0.00	61.97 3.23 0.00	58.90 2.96 0.00	58.38 2.73 0.00	56.55 2.59 0.00	54.77 2.66 0.00	57.79 2.65 0.00	62.06 2.73 0.00	63.27 2.49 0.00	71.27 2.74 0.00	86.08 3.63 0.00	72.47 3.32 0.00	69.11 3.04 0.00	65.18 2.69 0.00	62.26 2.68 0.00	61.73 2.77 0.00	58.24 2.56 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.55 1.83 0.00	43.37 1.55 0.00	40.36 1.51 0.00	39.67 1.45 0.00	39.54 1.34 0.00	44.37 1.67 0.00	54.89 2.06 0.00	61.36 2.53 0.00	61.33 2.58 0.00	58.17 2.24 0.00	57.65 2.00 0.00	55.85 1.89 0.00	54.04 1.93 0.00	57.12 1.99 0.00	61.40 2.08 0.00	62.78 2.01 0.00	70.86 2.33 0.00	85.33 2.89 0.00	71.92 2.77 0.00	68.58 2.51 0.00	64.75 2.25 0.00	61.84 2.26 0.00	61.26 2.30 0.00	57.69 2.00 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	48.10 2.38 0.00	43.88 2.05 0.00	40.78 1.94 0.00	40.09 1.87 0.00	39.92 1.72 0.00	44.67 1.96 0.00	55.42 2.59 0.00	61.83 3.00 0.00	61.74 3.00 0.00	58.79 2.85 0.00	58.15 2.50 0.00	56.44 2.48 0.00	54.66 2.55 0.00	57.57 2.43 0.00	61.70 2.37 0.00	62.84 2.07 0.00	70.65 2.12 0.00	85.17 2.72 0.00	71.92 2.77 0.00	68.52 2.44 0.00	64.75 2.25 0.00	61.84 2.26 0.00	61.44 2.48 0.00	58.24 2.56 0.00

E179THST_13_KV_LOAD 356214	48.29 2.56 0.00	44.04 2.22 0.00	40.94 2.10 0.00	40.25 2.03 0.00	40.04 1.83 0.00	44.80 2.09 0.00	55.69 2.85 0.00	62.13 3.29 0.00	62.03 3.29 0.00	59.01 3.08 0.00	58.38 2.73 0.00	56.66 2.70 0.00	54.92 2.81 0.00	57.84 2.70 0.00	62.00 2.67 0.00	63.15 2.37 0.00	71.00 2.47 0.00	85.58 3.13 0.00	72.33 3.18 0.00	68.85 2.78 0.00	65.06 2.56 0.00	62.14 2.56 0.00	61.73 2.77 0.00	58.47 2.78 0.00
EAST HAMPTON___GT 23717	49.48 3.75 -0.01	44.88 3.05 0.00	41.49 2.64 0.00	40.63 2.41 0.00	40.38 2.18 0.00	46.26 3.54 -0.01	57.61 4.76 -0.02	63.96 5.12 -0.02	63.62 4.87 -0.01	59.85 3.91 0.00	59.44 3.79 -0.01	57.43 3.46 -0.01	55.61 3.49 -0.01	58.95 3.80 -0.01	63.49 4.15 -0.01	69.16 4.19 -4.19	85.19 5.28 -11.38	102.10 7.26 -12.40	108.60 6.64 -32.81	105.39 6.61 -32.71	91.74 6.50 -22.74	86.18 6.55 -20.05	66.06 7.07 -0.02	62.36 6.62 -0.06
EAST RIVER___6 23660	47.92 2.19 0.00	43.62 1.80 0.00	40.51 1.67 0.00	39.83 1.61 0.00	39.69 1.49 0.00	44.71 2.01 0.00	55.53 2.69 0.00	62.36 3.53 0.00	62.33 3.58 0.00	59.35 3.41 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.13 3.02 0.00	58.34 3.20 0.00	62.35 3.02 0.00	63.39 2.61 0.00	71.34 2.81 0.00	86.24 3.79 0.00	72.40 3.25 0.00	68.98 2.90 0.00	65.24 2.75 0.00	62.32 2.74 0.00	61.67 2.71 0.00	57.91 2.23 0.00
EAST RIVER___7 23524	47.92 2.19 0.00	43.62 1.80 0.00	40.51 1.67 0.00	39.83 1.61 0.00	39.69 1.49 0.00	44.71 2.01 0.00	55.53 2.69 0.00	62.36 3.53 0.00	62.33 3.58 0.00	59.35 3.41 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.13 3.02 0.00	58.34 3.20 0.00	62.35 3.02 0.00	63.39 2.61 0.00	71.34 2.81 0.00	86.24 3.79 0.00	72.40 3.25 0.00	68.98 2.90 0.00	65.24 2.75 0.00	62.32 2.74 0.00	61.67 2.71 0.00	57.91 2.23 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	47.74 2.01 0.00	43.58 1.76 0.00	40.51 1.67 0.00	39.87 1.64 0.00	39.73 1.53 0.00	44.58 1.88 0.00	55.32 2.48 0.00	61.89 3.06 0.00	61.80 3.05 0.00	58.73 2.80 0.00	58.26 2.62 0.00	56.44 2.48 0.00	54.61 2.50 0.00	57.68 2.54 0.00	61.88 2.55 0.00	63.15 2.37 0.00	71.13 2.60 0.00	85.83 3.38 0.00	72.26 3.11 0.00	68.91 2.84 0.00	65.00 2.50 0.00	62.14 2.56 0.00	61.55 2.59 0.00	58.08 2.39 0.00
EAST_HAMPTON___DIESEL 23722	49.34 3.61 -0.01	44.80 2.97 0.00	41.41 2.56 0.00	40.55 2.33 0.00	40.30 2.10 0.00	46.17 3.46 -0.01	57.50 4.65 -0.02	63.79 4.94 -0.02	63.45 4.70 -0.01	59.68 3.75 0.00	59.27 3.62 -0.01	57.26 3.29 -0.01	55.46 3.34 -0.01	58.79 3.64 -0.01	63.31 3.98 -0.01	69.05 4.07 -4.19	84.98 5.07 -11.38	101.94 7.09 -12.40	108.53 6.57 -32.81	105.33 6.54 -32.71	91.74 6.50 -22.74	86.18 6.55 -20.05	66.06 7.07 -0.02	62.36 6.62 -0.06
EAST_POINT___SOLAR 323840	48.10 2.38 0.00	43.83 2.01 0.00	40.67 1.83 0.00	39.98 1.76 0.00	40.00 1.80 0.00	45.10 2.39 0.00	56.00 3.17 0.00	62.42 3.59 0.00	61.91 3.17 0.00	57.89 1.96 0.00	57.09 1.44 0.00	55.04 1.08 0.00	52.84 0.73 0.00	55.97 0.83 0.00	60.27 0.95 0.00	63.09 2.31 0.00	72.37 3.84 0.00	87.80 5.36 0.00	74.13 4.98 0.00	70.70 4.62 0.00	66.87 4.37 0.00	63.81 4.23 0.00	62.97 4.01 0.00	59.19 3.51 0.00
EAST_PULASKI___ESR 323781	44.72 -1.01 0.00	40.95 -0.88 0.00	38.03 -0.82 0.00	37.42 -0.80 0.00	37.44 -0.76 0.00	41.81 -0.90 0.00	51.83 -1.01 0.00	57.66 -1.18 0.00	57.57 -1.17 0.00	54.76 -1.18 0.00	54.48 -1.17 0.00	52.93 -1.03 0.00	51.12 -0.99 0.00	54.09 -1.05 0.00	58.38 -0.95 0.00	60.11 -0.67 0.00	67.84 -0.69 0.00	81.62 -0.82 0.00	68.18 -0.97 0.00	65.15 -0.93 0.00	61.50 -1.00 0.00	58.62 -0.96 0.00	58.01 -0.95 0.00	54.79 -0.89 0.00
EAST_RIVER___1 323558	48.01 2.29 0.00	43.75 1.93 0.00	40.63 1.79 0.00	39.94 1.72 0.00	39.81 1.60 0.00	44.84 2.13 0.00	55.63 2.80 0.00	62.42 3.59 0.00	62.33 3.58 0.00	59.35 3.41 0.00	58.71 3.06 0.00	56.93 2.97 0.00	55.13 3.02 0.00	58.34 3.20 0.00	62.41 3.08 0.00	63.39 2.61 0.00	71.34 2.81 0.00	86.24 3.79 0.00	72.40 3.25 0.00	69.05 2.98 0.00	65.31 2.81 0.00	62.44 2.86 0.00	61.79 2.83 0.00	58.02 2.34 0.00
EAST_RIVER___2 323559	47.92 2.19 0.00	43.62 1.80 0.00	40.51 1.67 0.00	39.83 1.61 0.00	39.69 1.49 0.00	44.71 2.01 0.00	55.53 2.69 0.00	62.36 3.53 0.00	62.33 3.58 0.00	59.35 3.41 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.13 3.02 0.00	58.34 3.20 0.00	62.35 3.02 0.00	63.39 2.61 0.00	71.34 2.81 0.00	86.24 3.79 0.00	72.40 3.25 0.00	68.98 2.90 0.00	65.24 2.75 0.00	62.32 2.74 0.00	61.67 2.71 0.00	57.91 2.23 0.00
EAST___DELAWARE_HYD 23607	48.10 2.38 0.00	43.79 1.97 0.00	40.67 1.83 0.00	39.94 1.72 0.00	39.85 1.64 0.00	44.80 2.09 0.00	55.21 2.38 0.00	61.95 3.12 0.00	61.91 3.17 0.00	58.56 2.63 0.00	57.99 2.34 0.00	56.06 2.10 0.00	54.35 2.24 0.00	57.51 2.37 0.00	61.82 2.49 0.00	63.39 2.61 0.00	71.68 3.15 0.00	86.65 4.20 0.00	72.68 3.52 0.00	69.51 3.43 0.00	65.68 3.19 0.00	62.67 3.10 0.00	61.97 3.01 0.00	58.02 2.34 0.00
EIGHT_POINT___WT_PWR 323820	41.38 -4.34 0.00	38.02 -3.81 0.00	35.42 -3.42 0.00	35.09 -3.13 0.00	35.22 -2.98 0.00	38.78 -3.93 0.00	48.13 -4.70 0.00	53.60 -5.24 0.00	54.10 -4.64 0.00	52.86 -3.08 0.00	52.92 -2.73 0.00	51.70 -2.26 0.00	49.82 -2.29 0.00	53.21 -1.93 0.00	57.90 -1.42 0.00	59.69 -1.09 0.00	67.84 -0.69 0.00	81.54 -0.91 0.00	67.56 -1.59 0.00	64.82 -1.26 0.00	60.56 -1.94 0.00	57.13 -2.45 0.00	56.66 -2.30 0.00	54.40 -1.28 0.00
ELBRIDGE_115KV_TB2 80188	44.58 -1.14 0.00	40.82 -1.00 0.00	37.91 -0.93 0.00	37.34 -0.88 0.00	37.36 -0.84 0.00	41.64 -1.07 0.00	51.51 -1.32 0.00	57.36 -1.47 0.00	57.33 -1.41 0.00	54.76 -1.17 0.00	54.48 -1.17 0.00	52.83 -1.13 0.00	50.91 -1.20 0.00	53.93 -1.21 0.00	58.08 -1.25 0.00	59.50 -1.28 0.00	67.23 -1.30 0.00	80.88 -1.57 0.00	67.63 -1.52 0.00	64.49 -1.59 0.00	61.00 -1.50 0.00	58.03 -1.55 0.00	57.37 -1.59 0.00	54.23 -1.45 0.00
ELEC_TRO_TEK 24086	48.74 3.02 0.00	44.38 2.55 0.00	41.17 2.33 0.00	40.44 2.22 0.00	40.23 2.02 0.00	45.48 2.78 0.00	56.39 3.54 -0.02	62.97 4.12 -0.02	63.03 4.29 0.00	59.68 3.75 0.00	59.27 3.62 0.00	57.47 3.51 0.00	55.60 3.49 0.00	58.72 3.58 0.00	63.01 3.68 0.00	68.25 3.28 -4.19	83.54 3.63 -11.38	99.46 4.62 -12.40	106.11 4.15 -32.81	102.55 3.77 -32.71	88.68 3.44 -22.74	83.08 3.46 -20.05	62.58 3.60 -0.02	59.14 3.40 -0.06
ELLENBURG_WT_PWR 323604	46.28 0.55 0.00	42.41 0.59 0.00	39.31 0.47 0.00	38.60 0.38 0.00	38.63 0.42 0.00	43.18 0.47 0.00	53.47 0.64 0.00	59.60 0.76 0.00	59.50 0.76 0.00	56.66 0.73 0.00	56.48 0.84 0.00	54.77 0.81 0.00	53.00 0.89 0.00	55.97 0.83 0.00	60.22 0.89 0.00	61.75 0.97 0.00	70.04 1.51 0.00	83.93 1.49 0.00	70.53 1.38 0.00	67.46 1.39 0.00	63.81 1.31 0.00	60.83 1.25 0.00	60.08 1.12 0.00	56.63 0.95 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.24 -4.48 0.00	38.02 -3.81 0.00	35.19 -3.65 0.00	34.78 -3.44 0.00	35.15 -3.06 0.00	38.26 -4.44 0.00	46.60 -6.23 0.00	51.89 -6.94 0.00	52.40 -6.34 0.00	51.51 -4.42 0.00	51.59 -4.06 0.00	50.29 -3.67 0.00	48.05 -4.06 0.00	51.78 -3.36 0.00	56.01 -3.32 0.00	56.77 -4.01 0.00	64.14 -4.39 0.00	76.76 -5.69 0.00	63.07 -6.09 0.00	59.99 -6.08 0.00	57.00 -5.50 0.00	53.86 -5.72 0.00	53.30 -5.66 0.00	51.17 -4.51 0.00
EMPIRE_CC_1 323656	47.14 1.42 0.00	43.04 1.21 0.00	39.97 1.13 0.00	39.33 1.11 0.00	39.27 1.07 0.00	44.03 1.33 0.00	54.42 1.58 0.00	60.13 1.29 0.00	59.98 1.24 0.00	56.99 1.06 0.00	56.98 1.33 0.00	55.20 1.24 0.00	53.31 1.20 0.00	56.46 1.32 0.00	60.51 1.19 0.00	61.99 1.22 0.00	69.29 0.76 0.00	83.52 1.07 0.00	70.12 0.97 0.00	67.00 0.92 0.00	63.81 1.31 0.00	60.95 1.37 0.00	60.37 1.41 0.00	56.91 1.22 0.00
EMPIRE_CC_2 323658	47.14 1.42 0.00	43.04 1.21 0.00	39.97 1.13 0.00	39.33 1.11 0.00	39.27 1.07 0.00	44.03 1.33 0.00	54.42 1.58 0.00	60.13 1.29 0.00	59.98 1.24 0.00	56.99 1.06 0.00	56.98 1.33 0.00	55.20 1.24 0.00	53.31 1.20 0.00	56.46 1.32 0.00	60.51 1.19 0.00	61.99 1.22 0.00	69.29 0.76 0.00	83.52 1.07 0.00	70.12 0.97 0.00	67.00 0.92 0.00	63.81 1.31 0.00	60.95 1.37 0.00	60.37 1.41 0.00	56.91 1.22 0.00
ENORWICH_115KV_TB1 80156	46.87 1.14 0.00	42.91 1.09 0.00	39.66 0.82 0.00	38.95 0.73 0.00	39.04 0.84 0.00	43.82 1.11 0.00	54.47 1.64 0.00	61.19 2.35 0.00	60.92 2.17 0.00	57.72 1.79 0.00	57.49 1.84 0.00	55.53 1.56 0.00	54.04 1.93 0.00	57.51 2.37 0.00	62.59 3.26 0.00	64.79 4.01 0.00	74.01 5.48 0.00	89.29 6.84 0.00	74.75 5.60 0.00	71.09 5.02 0.00	67.06 4.56 0.00	63.63 4.05 0.00	62.68 3.71 0.00	58.91 3.23 0.00
ERIE_ST__34_KV_TB1-2 80199	41.98 -3.75 0.00	38.69 -3.14 0.00	35.85 -2.99 0.00	35.43 -2.79 0.00	35.80 -2.41 0.00	38.95 -3.76 0.00	47.66 -5.18 0.00	53.07 -5.77 0.00	53.63 -5.11 0.00	52.69 -3.24 0.00	52.75 -2.89 0.00	51.42 -2.54 0.00	49.19 -2.92 0.00	53.04 -2.10 0.00	57.43 -1.90 0.00	58.29 -2.49 0.00	65.93 -2.60 0.00	78.99 -3.46 0.00	64.86 -4.29 0.00	61.71 -4.36 0.00	58.69 -3.81 0.00	55.23 -4.35 0.00	54.66 -4.30 0.00	52.51 -3.17 0.00
ERIE_WT_PWR 323693	41.43 -4.30 0.00	38.27 -3.56 0.00	35.73 -3.11 0.00	35.43 -2.79 0.00	35.53 -2.68 0.00	38.48 -4.23 0.00	47.23 -5.60 0.00	52.30 -6.53 0.00	52.81 -5.93 0.00	52.07 -3.86 0.00	52.03 -3.62 0.00	50.72 -3.24 0.00	48.31 -3.80 0.00	51.56 -3.58 0.00	56.48 -2.85 0.00	57.55 -3.22 0.00	64.90 -3.63 0.00	77.75 -4.70 0.00	64.03 -5.12 0.00	61.71 -4.36 0.00	57.69 -4.81 0.00	54.45 -5.12 0.00	54.24 -4.72 0.00	53.45 -2.23 0.00
ESPRGFLD_115KV_TB1 80157	46.55 0.82 0.00	42.50 0.67 0.00	39.43 0.58 0.00	38.76 0.54 0.00	38.78 0.57 0.00	43.56 0.85 0.00	54.10 1.27 0.00	60.48 1.65 0.00	60.15 1.41 0.00	56.72 0.78 0.00	56.21 0.56 0.00	54.39 0.43 0.00	52.53 0.42 0.00	55.64 0.50 0.00	60.10 0.77 0.00	62.18 1.40 0.00	70.79 2.26 0.00	85.50 3.05 0.00	71.78 2.63 0.00	68.45 2.38 0.00	64.62 2.12 0.00	61.66 2.09 0.00	60.85 1.89 0.00	57.24 1.56 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	45.72 0.00 0.00	41.83 0.00 0.00	38.80 -0.04 0.00	38.22 0.00 0.00	38.28 0.08 0.00	42.71 0.00 0.00	52.94 0.11 0.00	59.01 0.18 0.00	58.98 0.23 0.00	56.27 0.34 0.00	55.98 0.33 0.00	54.23 0.27 0.00	52.32 0.21 0.00	55.42 0.28 0.00	59.74 0.42 0.00	61.45 0.67 0.00	69.63 1.10 0.00	83.69 1.24 0.00	70.05 0.90 0.00	66.73 0.66 0.00	63.00 0.50 0.00	59.87 0.30 0.00	59.14 0.18 0.00	55.85 0.17 0.00
ETNA____115KV_TB2 80207	45.72 0.00 0.00	41.83 0.00 0.00	38.80 -0.04 0.00	38.22 0.00 0.00	38.28 0.08 0.00	42.71 0.00 0.00	52.94 0.11 0.00	59.01 0.18 0.00	58.98 0.23 0.00	56.27 0.34 0.00	55.98 0.33 0.00	54.23 0.27 0.00	52.32 0.21 0.00	55.42 0.28 0.00	59.74 0.42 0.00	61.45 0.67 0.00	69.63 1.10 0.00	83.69 1.24 0.00	70.05 0.90 0.00	66.73 0.66 0.00	63.00 0.50 0.00	59.87 0.30 0.00	59.14 0.18 0.00	55.85 0.17 0.00
EUCLID__115KV_TB2 356179	44.35 -1.37 0.00	40.61 -1.21 0.00	37.72 -1.13 0.00	37.15 -1.07 0.00	37.17 -1.03 0.00	41.42 -1.28 0.00	51.25 -1.59 0.00	57.01 -1.82 0.00	57.04 -1.70 0.00	54.42 -1.51 0.00	54.20 -1.45 0.00	52.56 -1.40 0.00	50.65 -1.46 0.00	53.65 -1.49 0.00	57.73 -1.60 0.00	59.20 -1.58 0.00	66.82 -1.71 0.00	80.31 -2.14 0.00	67.21 -1.94 0.00	64.09 -1.98 0.00	60.62 -1.87 0.00	57.67 -1.91 0.00	57.01 -1.95 0.00	53.90 -1.78 0.00
E_CANADA_CAP_HY 24051	47.05 1.33 0.00	42.91 1.09 0.00	39.81 0.97 0.00	39.14 0.92 0.00	39.16 0.96 0.00	44.11 1.41 0.00	54.79 1.96 0.00	60.95 2.11 0.00	60.45 1.70 0.00	56.77 0.84 0.00	56.09 0.44 0.00	54.23 0.27 0.00	52.22 0.10 0.00	55.31 0.17 0.00	59.69 0.36 0.00	62.11 1.34 0.00	70.79 2.26 0.00	85.83 3.38 0.00	72.33 3.18 0.00	68.98 2.90 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.55 2.59 0.00	57.85 2.17 0.00
E_CANADA_MHWK_HY 24050	46.78 1.05 0.00	42.71 0.88 0.00	39.62 0.78 0.00	38.95 0.72 0.00	38.97 0.76 0.00	43.64 0.94 0.00	54.05 1.22 0.00	60.30 1.47 0.00	60.27 1.52 0.00	57.44 1.51 0.00	57.26 1.61 0.00	55.64 1.67 0.00	53.93 1.82 0.00	57.23 2.09 0.00	61.76 2.43 0.00	63.45 2.67 0.00	71.62 3.09 0.00	86.32 3.88 0.00	72.33 3.18 0.00	69.18 3.11 0.00	65.44 2.94 0.00	62.44 2.86 0.00	61.85 2.89 0.00	58.41 2.73 0.00
E_FISHKILL__LBMP 23776	47.55 1.83 0.00	43.42 1.59 0.00	40.36 1.51 0.00	39.71 1.49 0.00	39.58 1.38 0.00	44.41 1.71 0.00	55.05 2.22 0.00	61.54 2.71 0.00	61.44 2.70 0.00	58.39 2.46 0.00	57.93 2.28 0.00	56.12 2.16 0.00	54.30 2.19 0.00	57.35 2.21 0.00	61.58 2.25 0.00	62.84 2.07 0.00	70.72 2.19 0.00	85.25 2.80 0.00	71.78 2.63 0.00	68.45 2.38 0.00	64.62 2.12 0.00	61.84 2.26 0.00	61.26 2.30 0.00	57.80 2.12 0.00
FALCON__SEABRD_CC1 323796	46.87 1.14 0.00	42.96 1.13 0.00	39.81 0.97 0.00	39.06 0.84 0.00	39.12 0.92 0.00	43.69 0.98 0.00	54.21 1.37 0.00	60.42 1.59 0.00	60.33 1.59 0.00	57.44 1.51 0.00	57.26 1.61 0.00	55.53 1.57 0.00	53.78 1.67 0.00	56.68 1.54 0.00	60.99 1.66 0.00	62.60 1.82 0.00	71.07 2.54 0.00	85.17 2.72 0.00	71.57 2.42 0.00	68.45 2.38 0.00	64.74 2.25 0.00	61.66 2.08 0.00	60.90 1.94 0.00	57.41 1.73 0.00
FALCON__SEABRD_CC2 323797	46.87 1.14 0.00	42.96 1.13 0.00	39.81 0.97 0.00	39.06 0.84 0.00	39.12 0.92 0.00	43.69 0.98 0.00	54.21 1.37 0.00	60.42 1.59 0.00	60.33 1.59 0.00	57.44 1.51 0.00	57.26 1.61 0.00	55.53 1.57 0.00	53.78 1.67 0.00	56.68 1.54 0.00	60.99 1.66 0.00	62.60 1.82 0.00	71.07 2.54 0.00	85.17 2.72 0.00	71.57 2.42 0.00	68.45 2.38 0.00	64.74 2.25 0.00	61.66 2.08 0.00	60.90 1.94 0.00	57.41 1.73 0.00

FAR ROCKAWAY___4 23548	49.29 3.57 0.00	44.88 3.05 0.00	41.64 2.80 0.00	40.90 2.68 0.00	40.65 2.45 0.00	46.04 3.33 0.00	57.13 4.28 -0.02	63.79 4.94 -0.02	63.85 5.11 0.00	60.46 4.53 0.00	60.10 4.45 0.00	58.22 4.26 0.00	56.33 4.22 0.00	59.50 4.36 0.00	63.84 4.51 0.00	69.17 4.19 -4.19	84.57 4.66 -11.38	100.78 5.94 -12.40	107.28 5.32 -32.81	103.68 4.89 -32.71	89.74 4.50 -22.74	84.03 4.41 -20.05	63.46 4.48 -0.02	59.92 4.18 -0.06
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.97 2.24 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.63 2.80 0.00	62.25 3.41 0.00	62.21 3.47 0.00	59.18 3.24 0.00	58.54 2.89 0.00	56.77 2.81 0.00	54.98 2.87 0.00	57.95 2.81 0.00	62.12 2.79 0.00	63.33 2.55 0.00	71.34 2.81 0.00	86.08 3.63 0.00	72.61 3.46 0.00	69.18 3.11 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.79 2.83 0.00	58.36 2.67 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.01 2.29 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.06 1.83 0.00	39.88 1.68 0.00	44.80 2.09 0.00	55.63 2.80 0.00	62.25 3.41 0.00	62.21 3.47 0.00	59.18 3.24 0.00	58.60 2.95 0.00	56.82 2.86 0.00	54.98 2.87 0.00	58.01 2.87 0.00	62.12 2.79 0.00	63.33 2.55 0.00	71.34 2.81 0.00	86.08 3.63 0.00	72.61 3.46 0.00	69.18 3.11 0.00	65.25 2.75 0.00	62.32 2.74 0.00	61.85 2.89 0.00	58.36 2.67 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.10 2.38 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.63 2.80 0.00	62.25 3.41 0.00	62.15 3.41 0.00	59.18 3.24 0.00	58.54 2.89 0.00	56.77 2.81 0.00	54.98 2.87 0.00	57.95 2.81 0.00	62.12 2.79 0.00	63.33 2.55 0.00	71.34 2.81 0.00	86.08 3.63 0.00	72.54 3.39 0.00	69.11 3.04 0.00	65.18 2.69 0.00	62.26 2.68 0.00	61.79 2.83 0.00	58.30 2.62 0.00
FARRAGUT___LBMP 323566	47.92 2.19 0.00	43.71 1.88 0.00	40.63 1.79 0.00	39.98 1.76 0.00	39.85 1.64 0.00	44.71 2.01 0.00	55.58 2.75 0.00	62.19 3.35 0.00	62.09 3.35 0.00	59.12 3.19 0.00	58.49 2.84 0.00	56.71 2.75 0.00	54.92 2.81 0.00	57.90 2.76 0.00	62.06 2.73 0.00	63.27 2.49 0.00	71.27 2.74 0.00	85.99 3.55 0.00	72.47 3.32 0.00	69.05 2.97 0.00	65.12 2.62 0.00	62.26 2.68 0.00	61.73 2.77 0.00	58.30 2.62 0.00
FENNER___WINDPWR 24204	46.05 0.32 0.00	42.16 0.33 0.00	39.12 0.27 0.00	38.49 0.27 0.00	38.51 0.30 0.00	43.05 0.34 0.00	53.42 0.58 0.00	59.54 0.71 0.00	59.50 0.76 0.00	56.61 0.67 0.00	56.32 0.67 0.00	54.50 0.54 0.00	52.68 0.57 0.00	55.80 0.66 0.00	60.22 0.89 0.00	61.87 1.10 0.00	69.90 1.37 0.00	84.10 1.65 0.00	70.40 1.25 0.00	67.19 1.12 0.00	63.44 0.94 0.00	60.35 0.77 0.00	59.67 0.71 0.00	56.35 0.67 0.00
FIBERTEK___ENERGY 23856	44.90 -0.82 0.00	41.07 -0.75 0.00	38.14 -0.70 0.00	37.57 -0.65 0.00	37.59 -0.61 0.00	41.89 -0.81 0.00	51.88 -0.95 0.00	57.72 -1.12 0.00	57.74 -1.00 0.00	55.09 -0.84 0.00	54.81 -0.83 0.00	53.15 -0.81 0.00	51.22 -0.89 0.00	54.26 -0.88 0.00	58.38 -0.95 0.00	59.87 -0.91 0.00	67.64 -0.89 0.00	81.38 -1.07 0.00	68.04 -1.11 0.00	64.88 -1.19 0.00	61.37 -1.12 0.00	58.39 -1.19 0.00	57.72 -1.24 0.00	54.51 -1.17 0.00
FITZPATRICK___ 23598	43.76 -1.96 0.00	40.11 -1.72 0.00	37.29 -1.55 0.00	36.73 -1.49 0.00	36.71 -1.49 0.00	40.91 -1.79 0.00	50.62 -2.22 0.00	56.31 -2.53 0.00	56.28 -2.46 0.00	53.64 -2.30 0.00	53.42 -2.23 0.00	51.80 -2.16 0.00	49.92 -2.19 0.00	52.83 -2.31 0.00	56.89 -2.44 0.00	58.34 -2.43 0.00	65.79 -2.74 0.00	79.15 -3.30 0.00	66.25 -2.90 0.00	63.36 -2.71 0.00	59.81 -2.69 0.00	56.96 -2.62 0.00	56.37 -2.59 0.00	53.40 -2.29 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.06 2.33 0.00	43.79 1.97 0.00	40.75 1.90 0.00	40.06 1.83 0.00	39.92 1.72 0.00	44.80 2.09 0.00	55.37 2.54 0.00	61.95 3.12 0.00	61.97 3.23 0.00	58.73 2.80 0.00	58.15 2.50 0.00	56.34 2.37 0.00	54.46 2.34 0.00	57.51 2.37 0.00	61.88 2.55 0.00	63.39 2.61 0.00	71.55 3.02 0.00	86.24 3.79 0.00	72.61 3.46 0.00	69.31 3.24 0.00	65.43 2.94 0.00	62.50 2.92 0.00	61.85 2.89 0.00	58.24 2.56 0.00
FORT ORANGE___ 23900	47.42 1.69 0.00	43.20 1.38 0.00	40.16 1.32 0.00	39.48 1.26 0.00	39.43 1.22 0.00	44.24 1.54 0.00	54.63 1.80 0.00	60.13 1.29 0.00	59.92 1.17 0.00	56.94 1.01 0.00	56.59 0.95 0.00	54.82 0.86 0.00	52.89 0.78 0.00	56.02 0.88 0.00	60.10 0.77 0.00	61.69 0.91 0.00	69.15 0.62 0.00	83.44 0.99 0.00	70.05 0.90 0.00	67.00 0.92 0.00	63.68 1.18 0.00	60.83 1.25 0.00	60.20 1.24 0.00	56.74 1.06 0.00
FORT_DRUM_COGEN 23780	45.95 0.23 0.00	42.12 0.29 0.00	38.92 0.08 0.00	38.15 -0.08 0.00	38.20 0.00 0.00	42.92 0.21 0.00	53.42 0.58 0.00	59.95 1.12 0.00	59.62 0.88 0.00	56.21 0.28 0.00	56.04 0.39 0.00	54.23 0.27 0.00	52.79 0.68 0.00	56.19 1.05 0.00	60.69 1.36 0.00	62.91 2.13 0.00	71.41 2.88 0.00	85.91 3.46 0.00	71.99 2.84 0.00	68.65 2.58 0.00	64.93 2.44 0.00	61.72 2.14 0.00	60.79 1.83 0.00	56.91 1.23 0.00
FOX_HILLS___ESR 323835	48.51 2.79 0.00	44.25 2.43 0.00	41.13 2.29 0.00	40.44 2.22 0.00	40.27 2.06 0.00	45.01 2.31 0.00	55.79 2.96 0.00	61.89 3.06 0.00	61.62 2.88 0.00	58.67 2.74 0.00	58.04 2.39 0.00	56.39 2.43 0.00	54.82 2.71 0.00	57.51 2.37 0.00	61.58 2.25 0.00	62.72 1.94 0.00	70.59 2.06 0.00	85.17 2.72 0.00	71.99 2.84 0.00	68.58 2.51 0.00	64.75 2.25 0.00	61.96 2.38 0.00	61.61 2.65 0.00	58.58 2.90 0.00
FPL_FAR_ROCK_GT1 24212	49.39 3.66 -0.01	44.96 3.14 0.00	41.64 2.80 0.00	40.82 2.60 0.00	40.65 2.45 0.00	46.13 3.42 -0.01	57.18 4.33 -0.02	63.96 5.12 -0.02	63.98 5.23 -0.01	60.80 4.86 0.00	60.22 4.56 -0.01	58.34 4.37 -0.01	56.50 4.38 -0.01	59.83 4.68 -0.01	64.08 4.75 -0.01	69.23 4.25 -4.19	84.57 4.66 -11.38	100.95 6.10 -12.40	107.15 5.19 -32.81	103.61 4.82 -32.71	89.86 4.62 -22.74	84.15 4.53 -20.05	63.46 4.48 -0.02	59.75 4.01 -0.06
FPL_FAR_ROCK_GT2 23815	49.39 3.66 -0.01	44.96 3.14 0.00	41.64 2.80 0.00	40.82 2.60 0.00	40.65 2.45 0.00	46.13 3.42 -0.01	57.18 4.33 -0.02	63.96 5.12 -0.02	63.98 5.23 -0.01	60.80 4.86 0.00	60.22 4.56 -0.01	58.34 4.37 -0.01	56.50 4.38 -0.01	59.83 4.68 -0.01	64.08 4.75 -0.01	69.23 4.25 -4.19	84.57 4.66 -11.38	100.95 6.10 -12.40	107.15 5.19 -32.81	103.61 4.82 -32.71	89.86 4.62 -22.74	84.15 4.53 -20.05	63.46 4.48 -0.02	59.75 4.01 -0.06
FRANKLIN_FALL_HYD 24054	47.10 1.37 0.00	43.12 1.30 0.00	40.01 1.17 0.00	39.25 1.03 0.00	39.35 1.15 0.00	43.94 1.24 0.00	54.47 1.64 0.00	60.83 2.00 0.00	60.68 1.94 0.00	57.78 1.85 0.00	57.54 1.89 0.00	55.80 1.83 0.00	54.09 1.98 0.00	56.90 1.76 0.00	61.29 1.96 0.00	62.91 2.13 0.00	71.27 2.74 0.00	85.58 3.13 0.00	71.64 2.49 0.00	68.72 2.64 0.00	65.12 2.62 0.00	62.08 2.50 0.00	61.26 2.30 0.00	57.69 2.00 0.00

FREEPORT_EQUS_GT1 23764	49.16 3.43 -0.01	44.71 2.88 0.00	41.41 2.56 0.00	40.59 2.37 0.00	40.42 2.21 0.00	45.92 3.20 -0.01	56.86 4.01 -0.02	63.61 4.76 -0.02	63.62 4.87 -0.01	60.41 4.48 0.00	59.77 4.12 -0.01	57.91 3.94 -0.01	56.08 3.96 -0.01	59.34 4.19 -0.01	63.61 4.27 -0.01	68.80 3.83 -4.19	84.09 4.18 -11.38	100.37 5.52 -12.40	106.59 4.63 -32.81	103.15 4.36 -32.71	89.36 4.12 -22.74	83.68 4.05 -20.05	63.17 4.19 -0.02	59.41 3.67 -0.06
FREEPORT___CT2 23818	49.16 3.43 -0.01	44.71 2.88 0.00	41.41 2.56 0.00	40.59 2.37 0.00	40.42 2.21 0.00	45.92 3.20 -0.01	56.86 4.01 -0.02	63.61 4.76 -0.02	63.62 4.87 -0.01	60.41 4.48 0.00	59.77 4.12 -0.01	57.91 3.94 -0.01	56.08 3.96 -0.01	59.34 4.19 -0.01	63.61 4.27 -0.01	68.80 3.83 -4.19	84.09 4.18 -11.38	100.37 5.52 -12.40	106.59 4.63 -32.81	103.15 4.36 -32.71	89.36 4.12 -22.74	83.68 4.05 -20.05	63.17 4.19 -0.02	59.41 3.67 -0.06
FRESHKLS_33_KV_LOAD 356253	48.74 3.02 0.00	44.46 2.64 0.00	41.37 2.52 0.00	40.67 2.45 0.00	40.46 2.25 0.00	45.23 2.52 0.00	55.95 3.12 0.00	61.72 2.88 0.00	61.44 2.70 0.00	58.51 2.57 0.00	57.82 2.17 0.00	56.28 2.32 0.00	54.87 2.76 0.00	57.35 2.21 0.00	61.34 2.02 0.00	62.54 1.76 0.00	70.38 1.85 0.00	84.92 2.47 0.00	71.85 2.70 0.00	68.39 2.31 0.00	64.62 2.12 0.00	61.78 2.20 0.00	61.50 2.54 0.00	58.63 2.95 0.00
FULTON COGEN____ 23766	44.22 -1.51 0.00	40.49 -1.34 0.00	37.60 -1.24 0.00	37.04 -1.18 0.00	37.06 -1.15 0.00	41.30 -1.41 0.00	51.14 -1.69 0.00	56.89 -1.94 0.00	56.92 -1.82 0.00	54.25 -1.68 0.00	54.03 -1.61 0.00	52.40 -1.56 0.00	50.50 -1.62 0.00	53.49 -1.65 0.00	57.55 -1.78 0.00	59.02 -1.76 0.00	66.68 -1.85 0.00	80.14 -2.31 0.00	67.08 -2.07 0.00	64.02 -2.05 0.00	60.50 -2.00 0.00	57.61 -1.97 0.00	56.96 -2.00 0.00	53.79 -1.89 0.00
FULTON___LFGE 323630	47.87 2.15 0.00	43.62 1.80 0.00	40.47 1.63 0.00	39.83 1.61 0.00	39.81 1.60 0.00	44.84 2.13 0.00	55.63 2.80 0.00	62.01 3.17 0.00	61.50 2.76 0.00	57.72 1.79 0.00	56.98 1.33 0.00	54.98 1.02 0.00	52.84 0.73 0.00	56.02 0.88 0.00	60.58 1.25 0.00	63.15 2.37 0.00	71.89 3.36 0.00	87.15 4.70 0.00	73.44 4.29 0.00	70.04 3.96 0.00	66.25 3.75 0.00	63.21 3.63 0.00	62.50 3.54 0.00	58.74 3.06 0.00
G.F.CEMENT___DRP 24184	47.92 2.19 0.00	43.75 1.92 0.00	40.59 1.75 0.00	39.94 1.72 0.00	39.92 1.72 0.00	44.88 2.18 0.00	55.53 2.69 0.00	61.95 3.12 0.00	61.74 3.00 0.00	58.45 2.52 0.00	57.93 2.28 0.00	56.01 2.05 0.00	53.78 1.67 0.00	56.96 1.82 0.00	61.29 1.96 0.00	63.33 2.55 0.00	71.48 2.95 0.00	86.41 3.96 0.00	72.75 3.60 0.00	69.51 3.44 0.00	65.75 3.25 0.00	62.62 3.04 0.00	62.03 3.07 0.00	58.41 2.73 0.00
GARDENVILLE___LBMP 24039	41.29 -4.44 0.00	38.06 -3.76 0.00	35.23 -3.61 0.00	34.86 -3.36 0.00	35.19 -3.02 0.00	38.35 -4.36 0.00	46.76 -6.08 0.00	52.07 -6.77 0.00	52.57 -6.17 0.00	51.74 -4.19 0.00	51.81 -3.84 0.00	50.51 -3.45 0.00	48.25 -3.86 0.00	52.00 -3.14 0.00	56.30 -3.03 0.00	57.13 -3.65 0.00	64.56 -3.97 0.00	77.25 -5.19 0.00	63.48 -5.67 0.00	60.39 -5.68 0.00	57.37 -5.12 0.00	54.16 -5.42 0.00	53.60 -5.37 0.00	51.45 -4.23 0.00
GARDNVLA_35_KV_LD 355827	41.52 -4.21 0.00	38.27 -3.56 0.00	35.42 -3.42 0.00	35.01 -3.21 0.00	35.38 -2.83 0.00	38.56 -4.14 0.00	47.08 -5.76 0.00	52.42 -6.41 0.00	52.99 -5.76 0.00	52.13 -3.80 0.00	52.20 -3.45 0.00	50.89 -3.08 0.00	48.62 -3.49 0.00	52.44 -2.70 0.00	56.78 -2.55 0.00	57.56 -3.22 0.00	65.10 -3.43 0.00	78.00 -4.45 0.00	64.03 -5.12 0.00	60.92 -5.15 0.00	57.87 -4.62 0.00	54.57 -5.00 0.00	54.01 -4.95 0.00	51.84 -3.84 0.00
GELCKHM___115KV_LOAD 80723	44.58 -1.14 0.00	40.78 -1.05 0.00	37.87 -0.97 0.00	37.30 -0.92 0.00	37.33 -0.88 0.00	41.60 -1.11 0.00	51.46 -1.37 0.00	57.30 -1.53 0.00	57.33 -1.41 0.00	54.70 -1.23 0.00	54.42 -1.22 0.00	52.77 -1.19 0.00	50.86 -1.25 0.00	53.87 -1.27 0.00	57.96 -1.36 0.00	59.44 -1.34 0.00	67.16 -1.37 0.00	80.72 -1.73 0.00	67.56 -1.59 0.00	64.42 -1.65 0.00	60.87 -1.62 0.00	57.97 -1.61 0.00	57.31 -1.65 0.00	54.12 -1.56 0.00
GENERAL___MILLS 23808	41.43 -4.30 0.00	38.23 -3.60 0.00	35.39 -3.46 0.00	34.97 -3.25 0.00	35.34 -2.87 0.00	38.48 -4.23 0.00	46.97 -5.86 0.00	52.30 -6.53 0.00	52.81 -5.93 0.00	51.96 -3.97 0.00	52.03 -3.62 0.00	50.72 -3.24 0.00	48.46 -3.65 0.00	52.27 -2.87 0.00	56.60 -2.73 0.00	57.37 -3.40 0.00	64.83 -3.70 0.00	77.67 -4.78 0.00	63.76 -5.39 0.00	60.65 -5.42 0.00	57.69 -4.81 0.00	54.39 -5.18 0.00	53.89 -5.07 0.00	51.67 -4.01 0.00
GE_PLASTICS___DRP 24183	47.05 1.33 0.00	42.96 1.13 0.00	39.93 1.09 0.00	39.29 1.07 0.00	39.24 1.03 0.00	43.94 1.24 0.00	54.31 1.48 0.00	60.01 1.18 0.00	59.92 1.17 0.00	56.94 1.01 0.00	56.59 0.95 0.00	54.88 0.92 0.00	52.94 0.83 0.00	56.02 0.88 0.00	60.22 0.89 0.00	61.69 0.91 0.00	69.28 0.75 0.00	83.44 0.99 0.00	70.12 0.97 0.00	67.00 0.93 0.00	63.43 0.94 0.00	60.59 1.01 0.00	60.08 1.12 0.00	56.85 1.17 0.00
GILBOA___1 23756	46.73 1.00 0.00	42.71 0.88 0.00	39.66 0.82 0.00	39.03 0.80 0.00	38.97 0.76 0.00	43.64 0.94 0.00	53.99 1.16 0.00	60.19 1.35 0.00	60.09 1.35 0.00	57.16 1.23 0.00	56.82 1.17 0.00	55.04 1.08 0.00	53.21 1.10 0.00	56.35 1.21 0.00	60.51 1.19 0.00	61.87 1.10 0.00	69.56 1.03 0.00	83.85 1.40 0.00	70.33 1.17 0.00	67.13 1.05 0.00	63.56 1.06 0.00	60.71 1.13 0.00	60.08 1.12 0.00	56.63 0.95 0.00
GILBOA___2 23757	46.73 1.00 0.00	42.71 0.88 0.00	39.66 0.82 0.00	39.03 0.80 0.00	38.97 0.76 0.00	43.64 0.94 0.00	53.99 1.16 0.00	60.19 1.35 0.00	60.09 1.35 0.00	57.16 1.23 0.00	56.82 1.17 0.00	55.04 1.08 0.00	53.21 1.10 0.00	56.35 1.21 0.00	60.51 1.19 0.00	61.87 1.10 0.00	69.56 1.03 0.00	83.85 1.40 0.00	70.33 1.17 0.00	67.13 1.05 0.00	63.56 1.06 0.00	60.71 1.13 0.00	60.08 1.12 0.00	56.63 0.95 0.00
GILBOA___3 23758	46.73 1.00 0.00	42.71 0.88 0.00	39.66 0.82 0.00	39.03 0.80 0.00	38.97 0.76 0.00	43.64 0.94 0.00	53.99 1.16 0.00	60.19 1.35 0.00	60.09 1.35 0.00	57.16 1.23 0.00	56.82 1.17 0.00	55.04 1.08 0.00	53.21 1.10 0.00	56.35 1.21 0.00	60.51 1.19 0.00	61.87 1.10 0.00	69.56 1.03 0.00	83.85 1.40 0.00	70.33 1.17 0.00	67.13 1.05 0.00	63.56 1.06 0.00	60.71 1.13 0.00	60.08 1.12 0.00	56.63 0.95 0.00
GILBOA___4 23759	46.73 1.00 0.00	42.71 0.88 0.00	39.66 0.82 0.00	39.03 0.80 0.00	38.97 0.76 0.00	43.64 0.94 0.00	53.99 1.16 0.00	60.19 1.35 0.00	60.09 1.35 0.00	57.16 1.23 0.00	56.82 1.17 0.00	55.04 1.08 0.00	53.21 1.10 0.00	56.35 1.21 0.00	60.51 1.19 0.00	61.87 1.10 0.00	69.56 1.03 0.00	83.85 1.40 0.00	70.33 1.17 0.00	67.13 1.05 0.00	63.56 1.06 0.00	60.71 1.13 0.00	60.08 1.12 0.00	56.63 0.95 0.00

GILBOA____ 23599	46.73 1.01 0.00	42.70 0.88 0.00	39.66 0.82 0.00	39.06 0.84 0.00	38.97 0.76 0.00	43.65 0.94 0.00	54.05 1.22 0.00	60.19 1.35 0.00	60.09 1.35 0.00	57.16 1.23 0.00	56.82 1.17 0.00	55.04 1.08 0.00	53.15 1.04 0.00	56.24 1.10 0.00	60.51 1.19 0.00	61.87 1.09 0.00	69.63 1.10 0.00	83.85 1.40 0.00	70.46 1.31 0.00	67.26 1.19 0.00	63.56 1.06 0.00	60.65 1.07 0.00	60.08 1.12 0.00	56.80 1.11 0.00
GINNA____ 23603	41.52 -4.21 0.00	38.10 -3.72 0.00	35.42 -3.42 0.00	34.97 -3.25 0.00	34.99 -3.21 0.00	38.74 -3.97 0.00	47.81 -5.02 0.00	53.13 -5.71 0.00	53.22 -5.52 0.00	51.35 -4.59 0.00	51.19 -4.45 0.00	49.75 -4.21 0.00	47.68 -4.43 0.00	50.34 -4.80 0.00	54.64 -4.69 0.00	56.04 -4.74 0.00	63.25 -5.28 0.00	76.10 -6.35 0.00	63.27 -5.88 0.00	60.66 -5.42 0.00	56.93 -5.56 0.00	54.04 -5.54 0.00	53.48 -5.48 0.00	51.40 -4.29 0.00
GLEN PARK____ 23778	46.00 0.28 0.00	42.16 0.33 0.00	39.00 0.16 0.00	38.18 -0.04 0.00	38.28 0.08 0.00	42.96 0.26 0.00	53.57 0.74 0.00	60.07 1.24 0.00	59.74 1.00 0.00	56.27 0.34 0.00	56.09 0.44 0.00	54.29 0.33 0.00	52.84 0.73 0.00	56.18 1.05 0.00	60.81 1.48 0.00	63.03 2.25 0.00	71.75 3.22 0.00	86.41 3.96 0.00	72.33 3.18 0.00	68.98 2.90 0.00	65.12 2.62 0.00	61.90 2.32 0.00	61.02 2.06 0.00	57.19 1.50 0.00
GLENDALE_27_KV_LOAD 356172	48.42 2.70 0.00	44.17 2.34 0.00	40.98 2.14 0.00	40.29 2.06 0.00	40.11 1.91 0.00	44.97 2.26 0.00	55.90 3.06 0.00	62.42 3.59 0.00	62.33 3.58 0.00	59.29 3.36 0.00	58.65 3.01 0.00	56.93 2.97 0.00	55.19 3.07 0.00	58.12 2.98 0.00	62.29 2.97 0.00	63.45 2.67 0.00	71.41 2.88 0.00	86.08 3.63 0.00	72.68 3.53 0.00	69.24 3.17 0.00	65.37 2.87 0.00	62.44 2.86 0.00	61.97 3.01 0.00	58.63 2.95 0.00
GLENWOOD_IC_1_G5 23712	48.56 2.83 0.00	44.21 2.38 0.00	41.06 2.21 0.00	40.36 2.14 0.00	40.19 1.99 0.00	45.35 2.65 0.00	56.28 3.43 -0.02	62.91 4.06 -0.02	62.85 4.11 0.00	59.62 3.69 0.00	59.27 3.62 0.00	57.41 3.45 0.00	55.55 3.44 0.00	58.67 3.53 0.00	62.95 3.62 0.00	68.32 3.34 -4.19	83.61 3.70 -11.38	99.54 4.70 -12.40	106.18 4.22 -32.81	102.68 3.90 -32.71	88.74 3.50 -22.74	83.14 3.52 -20.05	62.52 3.54 -0.02	59.03 3.29 -0.06
GLENWOOD_IC_2_G1 23688	48.34 2.60 -0.01	44.04 2.22 0.00	40.86 2.02 0.00	40.13 1.91 0.00	40.00 1.80 0.00	45.15 2.43 -0.01	55.91 3.06 -0.02	62.67 3.82 -0.02	62.63 3.88 -0.01	59.52 3.58 0.00	59.00 3.34 -0.01	57.15 3.18 -0.01	55.35 3.23 -0.01	58.62 3.48 -0.01	62.78 3.44 -0.01	68.01 3.04 -4.19	83.13 3.22 -11.38	99.13 4.28 -12.40	105.62 3.66 -32.81	102.15 3.37 -32.71	88.42 3.19 -22.74	82.84 3.21 -20.05	62.16 3.18 -0.02	58.47 2.73 -0.06
GLENWOOD_IC_3_G1 23689	48.34 2.60 -0.01	44.04 2.22 0.00	40.86 2.02 0.00	40.13 1.91 0.00	40.00 1.80 0.00	45.15 2.43 -0.01	55.91 3.06 -0.02	62.67 3.82 -0.02	62.63 3.88 -0.01	59.52 3.58 0.00	59.00 3.34 -0.01	57.15 3.18 -0.01	55.35 3.23 -0.01	58.62 3.48 -0.01	62.78 3.44 -0.01	68.01 3.04 -4.19	83.13 3.22 -11.38	99.13 4.28 -12.40	105.62 3.66 -32.81	102.15 3.37 -32.71	88.42 3.19 -22.74	82.84 3.21 -20.05	62.16 3.18 -0.02	58.47 2.73 -0.06
GLENWOOD____4 23550	48.56 2.83 0.00	44.21 2.38 0.00	41.06 2.21 0.00	40.36 2.14 0.00	40.19 1.99 0.00	45.35 2.65 0.00	56.28 3.43 -0.02	62.91 4.06 -0.02	62.85 4.11 0.00	59.62 3.69 0.00	59.27 3.62 0.00	57.41 3.45 0.00	55.55 3.44 0.00	58.67 3.53 0.00	62.95 3.62 0.00	68.32 3.34 -4.19	83.61 3.70 -11.38	99.54 4.70 -12.40	106.18 4.22 -32.81	102.68 3.90 -32.71	88.74 3.50 -22.74	83.14 3.52 -20.05	62.52 3.54 -0.02	59.03 3.29 -0.06
GLENWOOD____5 23614	48.56 2.83 0.00	44.21 2.38 0.00	41.06 2.21 0.00	40.36 2.14 0.00	40.19 1.99 0.00	45.35 2.65 0.00	56.28 3.43 -0.02	62.91 4.06 -0.02	62.85 4.11 0.00	59.62 3.69 0.00	59.27 3.62 0.00	57.41 3.45 0.00	55.55 3.44 0.00	58.67 3.53 0.00	62.95 3.62 0.00	68.32 3.34 -4.19	83.61 3.70 -11.38	99.54 4.70 -12.40	106.18 4.22 -32.81	102.68 3.90 -32.71	88.74 3.50 -22.74	83.14 3.52 -20.05	62.52 3.54 -0.02	59.03 3.29 -0.06
GLOBAL GREEN_PORT_GT1 23814	49.80 4.07 -0.01	45.17 3.35 0.00	41.79 2.95 0.00	40.94 2.71 0.00	40.69 2.48 0.00	46.60 3.89 -0.01	57.97 5.12 -0.02	64.55 5.71 -0.02	64.27 5.52 -0.01	60.52 4.59 0.00	60.05 4.40 -0.01	57.96 3.99 -0.01	56.13 4.01 -0.01	59.50 4.36 -0.01	64.08 4.75 -0.01	69.77 4.80 -4.19	85.73 5.82 -11.38	102.68 7.84 -12.40	108.94 6.98 -32.81	105.59 6.81 -32.71	91.86 6.62 -22.74	86.24 6.61 -20.05	66.06 7.07 -0.02	62.31 6.57 -0.06
GLOBE____DSASP 323697	40.10 -5.62 0.00	37.06 -4.77 0.00	34.22 -4.62 0.00	33.83 -4.40 0.00	34.15 -4.05 0.00	37.24 -5.47 0.00	44.96 -7.87 0.00	49.95 -8.88 0.00	50.40 -8.34 0.00	49.61 -6.32 0.00	49.64 -6.01 0.00	48.35 -5.61 0.00	46.12 -5.99 0.00	49.68 -5.46 0.00	53.75 -5.58 0.00	54.40 -6.38 0.00	61.27 -7.26 0.00	73.30 -9.15 0.00	60.09 -9.06 0.00	57.15 -8.92 0.00	54.37 -8.12 0.00	51.59 -7.98 0.00	51.18 -7.78 0.00	49.06 -6.63 0.00
GOETHSLN____LBMP 323567	47.69 1.97 0.00	43.50 1.67 0.00	40.44 1.59 0.00	39.83 1.61 0.00	39.66 1.45 0.00	44.54 1.84 0.00	55.37 2.54 0.00	61.95 3.12 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.26 2.62 0.00	56.50 2.54 0.00	54.72 2.61 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.93 2.40 0.00	85.58 3.13 0.00	72.19 3.04 0.00	68.78 2.71 0.00	64.81 2.31 0.00	61.96 2.38 0.00	61.44 2.48 0.00	58.02 2.34 0.00
GOLAH____69_KV_TB 1_2 80279	43.03 -2.70 0.00	39.53 -2.30 0.00	36.63 -2.21 0.00	36.12 -2.10 0.00	36.33 -1.87 0.00	40.14 -2.56 0.00	49.08 -3.75 0.00	54.66 -4.18 0.00	54.87 -3.88 0.00	53.14 -2.80 0.00	52.98 -2.67 0.00	51.53 -2.43 0.00	49.40 -2.71 0.00	52.66 -2.48 0.00	56.90 -2.43 0.00	57.98 -2.80 0.00	65.58 -2.95 0.00	78.82 -3.63 0.00	65.35 -3.80 0.00	62.17 -3.90 0.00	58.94 -3.56 0.00	55.88 -3.69 0.00	55.07 -3.89 0.00	52.62 -3.06 0.00
GOODYEAR_LAKE_HYD 323669	46.64 0.91 0.00	42.66 0.84 0.00	39.58 0.74 0.00	38.91 0.69 0.00	38.89 0.69 0.00	43.60 0.90 0.00	54.05 1.22 0.00	60.48 1.65 0.00	60.27 1.53 0.00	57.16 1.23 0.00	56.76 1.11 0.00	54.93 0.97 0.00	53.20 1.09 0.00	56.35 1.21 0.00	60.75 1.42 0.00	62.48 1.70 0.00	70.79 2.26 0.00	85.33 2.89 0.00	71.57 2.42 0.00	68.25 2.18 0.00	64.43 1.94 0.00	61.36 1.79 0.00	60.67 1.71 0.00	57.19 1.50 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	44.99 -0.73 0.00	41.20 -0.63 0.00	38.22 -0.62 0.00	37.69 -0.54 0.00	37.75 -0.46 0.00	41.98 -0.73 0.00	51.94 -0.90 0.00	57.77 -1.06 0.00	57.86 -0.88 0.00	55.43 -0.50 0.00	55.15 -0.50 0.00	53.53 -0.43 0.00	51.54 -0.57 0.00	54.75 -0.39 0.00	59.03 -0.30 0.00	60.47 -0.30 0.00	68.32 -0.21 0.00	82.12 -0.33 0.00	68.60 -0.55 0.00	65.41 -0.66 0.00	61.81 -0.69 0.00	58.74 -0.83 0.00	58.08 -0.88 0.00	55.07 -0.61 0.00

GOUDEY___7 23579	44.99 -0.73 0.00	41.20 -0.63 0.00	38.22 -0.62 0.00	37.69 -0.54 0.00	37.75 -0.46 0.00	41.98 -0.73 0.00	51.94 -0.90 0.00	57.77 -1.06 0.00	57.86 -0.88 0.00	55.43 -0.50 0.00	55.15 -0.50 0.00	53.53 -0.43 0.00	51.54 -0.57 0.00	54.75 -0.39 0.00	59.03 -0.30 0.00	60.47 -0.30 0.00	68.32 -0.21 0.00	82.12 -0.33 0.00	68.60 -0.55 0.00	65.41 -0.66 0.00	61.81 -0.69 0.00	58.74 -0.83 0.00	58.08 -0.88 0.00	55.07 -0.61 0.00
GOUDEY___8 23580	44.99 -0.73 0.00	41.20 -0.63 0.00	38.22 -0.62 0.00	37.69 -0.54 0.00	37.75 -0.46 0.00	41.98 -0.73 0.00	51.94 -0.90 0.00	57.77 -1.06 0.00	57.86 -0.88 0.00	55.43 -0.50 0.00	55.15 -0.50 0.00	53.53 -0.43 0.00	51.54 -0.57 0.00	54.75 -0.39 0.00	59.03 -0.30 0.00	60.47 -0.30 0.00	68.32 -0.21 0.00	82.12 -0.33 0.00	68.60 -0.55 0.00	65.41 -0.66 0.00	61.81 -0.69 0.00	58.74 -0.83 0.00	58.08 -0.88 0.00	55.07 -0.61 0.00
GOWANUS_GT1_1 24077	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GOWANUS_GT1_2 24078	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GOWANUS_GT1_3 24079	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GOWANUS_GT1_4 24080	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GOWANUS_GT1_5 24084	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GOWANUS_GT1_6 24111	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GOWANUS_GT1_7 24112	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GOWANUS_GT1_8 24113	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GOWANUS_GT2_1 24114	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
GOWANUS_GT2_2 24115	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
GOWANUS_GT2_3 24116	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
GOWANUS_GT2_4 24117	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
GOWANUS_GT2_5 24118	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00

GOWANUS_GT2_6 24119	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
GOWANUS_GT2_7 24120	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
GOWANUS_GT2_8 24121	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
GOWANUS_GT3_1 24122	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
GOWANUS_GT3_2 24123	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
GOWANUS_GT3_3 24124	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
GOWANUS_GT3_4 24125	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
GOWANUS_GT3_5 24126	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
GOWANUS_GT3_6 24127	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
GOWANUS_GT3_7 24128	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
GOWANUS_GT3_8 24129	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
GOWANUS_GT4_1 24130	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GOWANUS_GT4_2 24131	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GOWANUS_GT4_3 24132	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GOWANUS_GT4_4 24133	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00

GOWANUS_GT4_5 24134	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GOWANUS_GT4_6 24135	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GOWANUS_GT4_7 24136	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GOWANUS_GT4_8 24137	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GREATVRV_69_KV_BK1 356245	49.93 4.21 0.00	45.38 3.56 0.00	42.07 3.22 0.00	41.28 3.06 0.00	41.03 2.83 0.00	46.68 3.97 0.00	58.08 5.23 -0.02	64.91 6.06 -0.02	64.79 6.05 0.00	60.97 5.03 0.00	60.82 5.18 0.00	58.71 4.75 0.00	56.80 4.69 0.00	60.05 4.91 0.00	64.67 5.34 0.00	70.26 5.29 -4.19	85.94 6.03 -11.38	102.35 7.50 -12.40	108.60 6.64 -32.81	104.87 6.08 -32.71	90.80 5.56 -22.74	85.05 5.42 -20.05	64.76 5.78 -0.02	61.14 5.40 -0.06
GREENBSH_115KV_TB3 55895	47.23 1.51 0.00	43.08 1.25 0.00	40.05 1.20 0.00	39.41 1.18 0.00	39.35 1.15 0.00	44.07 1.37 0.00	54.47 1.64 0.00	59.95 1.12 0.00	59.80 1.06 0.00	56.83 0.89 0.00	56.48 0.83 0.00	54.77 0.81 0.00	52.84 0.73 0.00	55.91 0.77 0.00	60.04 0.71 0.00	61.57 0.79 0.00	69.01 0.48 0.00	83.11 0.66 0.00	69.91 0.76 0.00	66.80 0.73 0.00	63.31 0.81 0.00	60.47 0.89 0.00	60.02 1.06 0.00	56.80 1.11 0.00
GREENDGE_115KV_TB5 80291	44.17 -1.55 0.00	40.45 -1.38 0.00	37.52 -1.32 0.00	37.04 -1.18 0.00	37.17 -1.03 0.00	41.25 -1.45 0.00	50.83 -2.01 0.00	56.01 -2.82 0.00	56.10 -2.64 0.00	54.31 -1.62 0.00	54.42 -1.22 0.00	52.77 -1.19 0.00	51.07 -1.04 0.00	53.98 -1.16 0.00	57.90 -1.42 0.00	59.14 -1.64 0.00	67.09 -1.44 0.00	80.63 -1.81 0.00	67.15 -2.01 0.00	63.89 -2.18 0.00	60.37 -2.12 0.00	57.55 -2.03 0.00	56.78 -2.18 0.00	54.07 -1.61 0.00
GREENIDGE___3 23582	44.17 -1.55 0.00	40.45 -1.38 0.00	37.52 -1.32 0.00	37.04 -1.18 0.00	37.17 -1.03 0.00	41.25 -1.45 0.00	50.83 -2.01 0.00	56.01 -2.82 0.00	56.10 -2.64 0.00	54.31 -1.62 0.00	54.42 -1.22 0.00	52.77 -1.19 0.00	51.07 -1.04 0.00	53.98 -1.16 0.00	57.90 -1.42 0.00	59.14 -1.64 0.00	67.09 -1.44 0.00	80.63 -1.81 0.00	67.15 -2.01 0.00	63.89 -2.18 0.00	60.37 -2.12 0.00	57.55 -2.03 0.00	56.78 -2.18 0.00	54.07 -1.61 0.00
GREENIDGE___4 23583	44.17 -1.55 0.00	40.49 -1.34 0.00	37.64 -1.20 0.00	37.23 -0.99 0.00	37.25 -0.95 0.00	41.25 -1.45 0.00	50.93 -1.90 0.00	56.01 -2.82 0.00	56.16 -2.58 0.00	54.37 -1.57 0.00	54.42 -1.22 0.00	52.77 -1.19 0.00	50.96 -1.15 0.00	53.71 -1.43 0.00	57.97 -1.36 0.00	59.20 -1.58 0.00	67.09 -1.44 0.00	80.63 -1.81 0.00	67.22 -1.94 0.00	64.35 -1.72 0.00	60.37 -2.13 0.00	57.55 -2.03 0.00	57.25 -1.71 0.00	54.79 -0.89 0.00
GREENLWN_69_KV_BK 3 55738	49.15 3.43 0.00	44.71 2.89 0.00	41.48 2.64 0.00	40.71 2.48 0.00	40.46 2.25 0.00	45.91 3.20 0.00	56.97 4.12 -0.02	63.61 4.77 -0.02	63.62 4.88 0.00	60.07 4.14 0.00	59.82 4.17 0.00	57.85 3.89 0.00	55.97 3.86 0.00	59.11 3.97 0.00	63.54 4.21 0.00	68.92 3.95 -4.19	84.09 4.18 -11.38	99.87 5.03 -12.40	106.52 4.56 -32.81	102.95 4.16 -32.71	88.99 3.75 -22.74	83.50 3.87 -20.05	63.35 4.36 -0.02	59.81 4.06 -0.06
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00
GRISSOM___SOLAR 323813	47.87 2.15 0.00	43.66 1.84 0.00	40.51 1.67 0.00	39.86 1.64 0.00	39.85 1.64 0.00	44.84 2.13 0.00	55.63 2.80 0.00	62.01 3.17 0.00	61.50 2.76 0.00	57.72 1.79 0.00	56.98 1.33 0.00	54.98 1.02 0.00	52.84 0.73 0.00	56.08 0.94 0.00	60.63 1.30 0.00	63.15 2.37 0.00	71.82 3.29 0.00	86.98 4.53 0.00	73.30 4.15 0.00	69.97 3.90 0.00	66.18 3.69 0.00	63.15 3.57 0.00	62.38 3.42 0.00	58.69 3.00 0.00
GROVEVILLE___HYD 323602	48.06 2.33 0.00	43.79 1.97 0.00	40.75 1.90 0.00	40.06 1.83 0.00	39.92 1.72 0.00	44.80 2.09 0.00	55.37 2.54 0.00	61.95 3.12 0.00	61.97 3.23 0.00	58.73 2.80 0.00	58.15 2.50 0.00	56.34 2.37 0.00	54.46 2.34 0.00	57.51 2.37 0.00	61.88 2.55 0.00	63.39 2.61 0.00	71.55 3.02 0.00	86.24 3.79 0.00	72.61 3.46 0.00	69.31 3.24 0.00	65.43 2.94 0.00	62.50 2.92 0.00	61.85 2.89 0.00	58.24 2.56 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	44.90 -0.82 0.00	41.07 -0.75 0.00	38.14 -0.70 0.00	37.57 -0.65 0.00	37.59 -0.61 0.00	41.89 -0.81 0.00	51.88 -0.95 0.00	57.72 -1.12 0.00	57.74 -1.00 0.00	55.09 -0.84 0.00	54.81 -0.83 0.00	53.15 -0.81 0.00	51.22 -0.89 0.00	54.26 -0.88 0.00	58.38 -0.95 0.00	59.87 -0.91 0.00	67.64 -0.89 0.00	81.38 -1.07 0.00	68.04 -1.11 0.00	64.88 -1.19 0.00	61.37 -1.12 0.00	58.39 -1.19 0.00	57.72 -1.24 0.00	54.51 -1.17 0.00
HAMLTNNY_34_KV_TB 80303	44.90 -0.82 0.00	41.07 -0.75 0.00	38.14 -0.70 0.00	37.57 -0.65 0.00	37.59 -0.61 0.00	41.89 -0.81 0.00	51.88 -0.95 0.00	57.77 -1.06 0.00	57.74 -1.00 0.00	55.21 -0.73 0.00	54.93 -0.72 0.00	53.26 -0.70 0.00	51.33 -0.78 0.00	54.31 -0.83 0.00	58.50 -0.83 0.00	59.99 -0.79 0.00	67.84 -0.69 0.00	81.54 -0.91 0.00	68.18 -0.97 0.00	65.02 -1.06 0.00	61.44 -1.06 0.00	58.44 -1.13 0.00	57.72 -1.24 0.00	54.57 -1.11 0.00

HAMPSHIRE___PAPER_HYD 323593	46.05 0.32 0.00	42.16 0.33 0.00	39.08 0.23 0.00	38.34 0.12 0.00	38.40 0.19 0.00	42.79 0.09 0.00	53.15 0.32 0.00	59.36 0.53 0.00	59.16 0.41 0.00	55.99 0.06 0.00	55.82 0.17 0.00	54.29 0.33 0.00	52.68 0.57 0.00	55.85 0.71 0.00	60.27 0.95 0.00	62.11 1.34 0.00	70.17 1.64 0.00	83.85 1.40 0.00	70.46 1.31 0.00	67.26 1.19 0.00	63.87 1.37 0.00	60.95 1.37 0.00	60.37 1.41 0.00	56.80 1.11 0.00
HARDSCRABBLE_WT_PWR 323673	46.23 0.50 0.00	42.24 0.42 0.00	39.15 0.31 0.00	38.49 0.27 0.00	38.51 0.30 0.00	43.13 0.43 0.00	53.47 0.64 0.00	59.66 0.82 0.00	59.63 0.88 0.00	56.83 0.89 0.00	56.65 1.00 0.00	55.04 1.08 0.00	53.36 1.25 0.00	56.68 1.54 0.00	61.17 1.84 0.00	62.85 2.07 0.00	70.93 2.40 0.00	85.50 3.05 0.00	71.64 2.49 0.00	68.52 2.45 0.00	64.81 2.31 0.00	61.84 2.26 0.00	61.26 2.30 0.00	57.85 2.17 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.55 1.83 0.00	43.37 1.55 0.00	40.36 1.51 0.00	39.67 1.45 0.00	39.54 1.34 0.00	44.37 1.67 0.00	54.89 2.06 0.00	61.36 2.53 0.00	61.39 2.64 0.00	58.23 2.29 0.00	57.71 2.06 0.00	55.85 1.89 0.00	54.04 1.93 0.00	57.12 1.99 0.00	61.40 2.08 0.00	62.84 2.07 0.00	70.86 2.33 0.00	85.42 2.97 0.00	71.92 2.77 0.00	68.65 2.58 0.00	64.75 2.25 0.00	61.84 2.26 0.00	61.26 2.30 0.00	57.69 2.00 0.00
HARSNRAD_115KV_TB1 81005	41.20 -4.53 0.00	38.06 -3.76 0.00	35.19 -3.65 0.00	34.78 -3.44 0.00	35.15 -3.06 0.00	38.05 -4.65 0.00	46.02 -6.82 0.00	51.24 -7.59 0.00	51.69 -7.05 0.00	50.84 -5.09 0.00	50.86 -4.79 0.00	49.54 -4.42 0.00	47.32 -4.79 0.00	50.95 -4.19 0.00	55.12 -4.21 0.00	55.85 -4.92 0.00	63.05 -5.48 0.00	75.44 -7.01 0.00	61.96 -7.19 0.00	58.87 -7.20 0.00	56.00 -6.50 0.00	53.02 -6.55 0.00	52.47 -6.49 0.00	50.56 -5.12 0.00
HARZA MOOSE___RIVER 24016	45.91 0.18 0.00	42.04 0.21 0.00	38.96 0.12 0.00	38.26 0.04 0.00	38.28 0.08 0.00	42.92 0.21 0.00	53.26 0.42 0.00	59.54 0.71 0.00	59.39 0.65 0.00	56.21 0.28 0.00	55.98 0.33 0.00	54.23 0.27 0.00	52.63 0.52 0.00	55.97 0.83 0.00	60.45 1.13 0.00	62.30 1.52 0.00	70.65 2.12 0.00	84.92 2.47 0.00	71.23 2.07 0.00	67.92 1.85 0.00	64.25 1.75 0.00	61.13 1.55 0.00	60.26 1.30 0.00	56.63 0.95 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.58 -1.14 0.00	40.78 -1.05 0.00	37.87 -0.97 0.00	37.30 -0.92 0.00	37.33 -0.88 0.00	41.60 -1.11 0.00	51.41 -1.43 0.00	57.24 -1.59 0.00	57.27 -1.47 0.00	54.65 -1.29 0.00	54.42 -1.22 0.00	52.77 -1.19 0.00	50.86 -1.25 0.00	53.87 -1.27 0.00	57.96 -1.36 0.00	59.44 -1.34 0.00	67.09 -1.44 0.00	80.63 -1.81 0.00	67.49 -1.66 0.00	64.35 -1.72 0.00	60.87 -1.62 0.00	57.91 -1.67 0.00	57.25 -1.71 0.00	54.12 -1.56 0.00
HELLGATE_13_KV_LD 55870	48.42 2.70 0.00	44.17 2.34 0.00	40.98 2.14 0.00	40.32 2.10 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.01 0.00	56.93 2.97 0.00	55.13 3.02 0.00	58.06 2.92 0.00	62.23 2.91 0.00	63.39 2.61 0.00	71.34 2.81 0.00	85.99 3.55 0.00	72.61 3.46 0.00	69.11 3.04 0.00	65.31 2.81 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.63 2.95 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.42 2.70 0.00	44.17 2.34 0.00	40.98 2.14 0.00	40.32 2.10 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.01 0.00	56.93 2.97 0.00	55.13 3.02 0.00	58.06 2.92 0.00	62.23 2.91 0.00	63.39 2.61 0.00	71.34 2.81 0.00	85.99 3.55 0.00	72.61 3.46 0.00	69.11 3.04 0.00	65.31 2.81 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.63 2.95 0.00
HEMPSTEAD___ 23647	48.70 2.97 -0.01	44.34 2.51 0.00	41.06 2.21 0.00	40.28 2.06 0.00	40.15 1.95 0.00	45.53 2.82 -0.01	56.39 3.54 -0.02	63.09 4.24 -0.02	63.10 4.35 -0.01	59.90 3.97 0.00	59.33 3.67 -0.01	57.47 3.51 -0.01	55.66 3.55 -0.01	58.95 3.80 -0.01	63.14 3.80 -0.01	68.31 3.34 -4.19	83.54 3.63 -11.38	99.63 4.78 -12.40	105.97 4.01 -32.81	102.48 3.70 -32.71	88.80 3.56 -22.74	83.14 3.51 -20.05	62.58 3.60 -0.02	58.86 3.12 -0.06
HICKLING___1 23621	43.90 -1.83 0.00	40.28 -1.55 0.00	37.37 -1.48 0.00	36.92 -1.30 0.00	37.06 -1.15 0.00	41.00 -1.71 0.00	50.61 -2.22 0.00	56.24 -2.59 0.00	56.51 -2.23 0.00	54.59 -1.34 0.00	54.48 -1.17 0.00	52.88 -1.08 0.00	50.91 -1.20 0.00	54.20 -0.94 0.00	58.50 -0.83 0.00	59.93 -0.85 0.00	67.91 -0.62 0.00	81.46 -0.99 0.00	67.70 -1.45 0.00	64.42 -1.65 0.00	60.94 -1.56 0.00	57.73 -1.85 0.00	57.01 -1.95 0.00	54.29 -1.39 0.00
HICKLING___2 23622	43.90 -1.83 0.00	40.28 -1.55 0.00	37.37 -1.48 0.00	36.92 -1.30 0.00	37.06 -1.15 0.00	41.00 -1.71 0.00	50.61 -2.22 0.00	56.24 -2.59 0.00	56.51 -2.23 0.00	54.59 -1.34 0.00	54.48 -1.17 0.00	52.88 -1.08 0.00	50.91 -1.20 0.00	54.20 -0.94 0.00	58.50 -0.83 0.00	59.93 -0.85 0.00	67.91 -0.62 0.00	81.46 -0.99 0.00	67.70 -1.45 0.00	64.42 -1.65 0.00	60.94 -1.56 0.00	57.73 -1.85 0.00	57.01 -1.95 0.00	54.29 -1.39 0.00
HIGH FALLS___HY 23754	48.10 2.38 0.00	43.79 1.97 0.00	40.75 1.90 0.00	40.02 1.80 0.00	39.88 1.68 0.00	44.80 2.09 0.00	55.32 2.48 0.00	62.07 3.24 0.00	62.09 3.35 0.00	58.73 2.80 0.00	58.10 2.45 0.00	56.23 2.27 0.00	54.46 2.34 0.00	57.51 2.37 0.00	61.94 2.61 0.00	63.51 2.73 0.00	71.96 3.43 0.00	86.65 4.20 0.00	73.02 3.87 0.00	69.71 3.63 0.00	65.75 3.25 0.00	62.73 3.16 0.00	62.03 3.07 0.00	58.24 2.56 0.00
HIGH_RIVER___SOLAR 323847	47.60 1.88 0.00	43.37 1.55 0.00	40.28 1.44 0.00	39.60 1.37 0.00	39.62 1.41 0.00	44.54 1.84 0.00	55.21 2.38 0.00	61.54 2.71 0.00	60.80 2.05 0.00	57.22 1.29 0.00	56.65 1.00 0.00	54.77 0.81 0.00	52.74 0.63 0.00	55.85 0.71 0.00	60.22 0.89 0.00	62.54 1.76 0.00	71.41 2.88 0.00	86.41 3.96 0.00	72.74 3.59 0.00	69.37 3.30 0.00	65.68 3.19 0.00	62.61 3.04 0.00	61.91 2.95 0.00	58.25 2.56 0.00
HILLBURN___GT 23639	47.56 1.83 0.00	43.37 1.55 0.00	40.28 1.44 0.00	39.60 1.37 0.00	39.50 1.30 0.00	44.42 1.71 0.00	54.89 2.06 0.00	61.54 2.71 0.00	61.50 2.76 0.00	58.39 2.46 0.00	57.88 2.23 0.00	56.06 2.10 0.00	54.30 2.19 0.00	57.56 2.42 0.00	61.70 2.38 0.00	62.78 2.00 0.00	70.66 2.13 0.00	85.41 2.96 0.00	71.64 2.49 0.00	68.38 2.31 0.00	64.68 2.19 0.00	61.84 2.26 0.00	61.14 2.18 0.00	57.41 1.73 0.00
HILLSIDE_115KV_TB1 80332	43.62 -2.10 0.00	40.03 -1.80 0.00	37.13 -1.71 0.00	36.69 -1.53 0.00	36.75 -1.45 0.00	40.70 -2.01 0.00	50.25 -2.59 0.00	55.83 -3.00 0.00	55.98 -2.76 0.00	54.03 -1.90 0.00	53.87 -1.78 0.00	52.29 -1.67 0.00	50.34 -1.77 0.00	53.60 -1.54 0.00	57.84 -1.48 0.00	59.20 -1.58 0.00	67.02 -1.51 0.00	80.47 -1.98 0.00	66.87 -2.28 0.00	63.69 -2.38 0.00	60.25 -2.25 0.00	57.13 -2.44 0.00	56.43 -2.54 0.00	53.73 -1.95 0.00

HISHELDN_WT_PWR 323625	40.97 -4.76 0.00	37.81 -4.02 0.00	35.31 -3.53 0.00	35.01 -3.21 0.00	35.15 -3.06 0.00	38.22 -4.48 0.00	46.97 -5.87 0.00	52.12 -6.71 0.00	52.63 -6.11 0.00	51.74 -4.20 0.00	51.81 -3.84 0.00	50.56 -3.40 0.00	48.31 -3.80 0.00	51.45 -3.69 0.00	56.24 -3.09 0.00	57.49 -3.28 0.00	64.90 -3.63 0.00	77.83 -4.62 0.00	64.24 -4.91 0.00	61.84 -4.23 0.00	57.81 -4.69 0.00	54.57 -5.00 0.00	54.30 -4.66 0.00	53.18 -2.50 0.00
HOLTSVILLE_IC_1 23690	49.53 3.79 -0.01	45.00 3.18 0.00	41.64 2.80 0.00	40.82 2.60 0.00	40.61 2.41 0.00	46.30 3.59 -0.01	57.44 4.59 -0.02	64.32 5.47 -0.02	64.21 5.46 -0.01	60.74 4.81 0.00	60.16 4.51 -0.01	58.12 4.16 -0.01	56.29 4.17 -0.01	59.61 4.46 -0.01	64.08 4.75 -0.01	69.47 4.50 -4.19	84.85 4.94 -11.38	101.11 6.26 -12.40	107.28 5.33 -32.81	103.74 4.96 -32.71	89.93 4.69 -22.74	84.27 4.65 -20.05	64.06 5.07 -0.02	60.25 4.51 -0.06
HOLTSVILLE_IC_10 23699	49.76 4.02 -0.01	45.21 3.39 0.00	41.83 2.99 0.00	40.98 2.75 0.00	40.76 2.56 0.00	46.51 3.80 -0.01	57.76 4.91 -0.02	64.73 5.88 -0.02	64.57 5.82 -0.01	61.02 5.09 0.00	60.50 4.84 -0.01	58.45 4.48 -0.01	56.60 4.48 -0.01	59.94 4.79 -0.01	64.44 5.10 -0.01	69.89 4.92 -4.19	85.32 5.41 -11.38	101.77 6.93 -12.40	107.83 5.87 -32.81	104.27 5.48 -32.71	90.36 5.13 -22.74	84.69 5.06 -20.05	64.41 5.42 -0.02	60.64 4.90 -0.06
HOLTSVILLE_IC_2 23691	49.53 3.79 -0.01	45.00 3.18 0.00	41.64 2.80 0.00	40.82 2.60 0.00	40.61 2.41 0.00	46.30 3.59 -0.01	57.44 4.59 -0.02	64.32 5.47 -0.02	64.21 5.46 -0.01	60.74 4.81 0.00	60.16 4.51 -0.01	58.12 4.16 -0.01	56.29 4.17 -0.01	59.61 4.46 -0.01	64.08 4.75 -0.01	69.47 4.50 -4.19	84.85 4.94 -11.38	101.11 6.26 -12.40	107.28 5.33 -32.81	103.74 4.96 -32.71	89.93 4.69 -22.74	84.27 4.65 -20.05	64.06 5.07 -0.02	60.25 4.51 -0.06
HOLTSVILLE_IC_3 23692	49.53 3.79 -0.01	45.00 3.18 0.00	41.64 2.80 0.00	40.82 2.60 0.00	40.61 2.41 0.00	46.30 3.59 -0.01	57.44 4.59 -0.02	64.32 5.47 -0.02	64.21 5.46 -0.01	60.74 4.81 0.00	60.16 4.51 -0.01	58.12 4.16 -0.01	56.29 4.17 -0.01	59.61 4.46 -0.01	64.08 4.75 -0.01	69.47 4.50 -4.19	84.85 4.94 -11.38	101.11 6.26 -12.40	107.28 5.33 -32.81	103.74 4.96 -32.71	89.93 4.69 -22.74	84.27 4.65 -20.05	64.06 5.07 -0.02	60.25 4.51 -0.06
HOLTSVILLE_IC_4 23693	49.53 3.79 -0.01	45.00 3.18 0.00	41.64 2.80 0.00	40.82 2.60 0.00	40.61 2.41 0.00	46.30 3.59 -0.01	57.44 4.59 -0.02	64.32 5.47 -0.02	64.21 5.46 -0.01	60.74 4.81 0.00	60.16 4.51 -0.01	58.12 4.16 -0.01	56.29 4.17 -0.01	59.61 4.46 -0.01	64.08 4.75 -0.01	69.47 4.50 -4.19	84.85 4.94 -11.38	101.11 6.26 -12.40	107.28 5.33 -32.81	103.74 4.96 -32.71	89.93 4.69 -22.74	84.27 4.65 -20.05	64.06 5.07 -0.02	60.25 4.51 -0.06
HOLTSVILLE_IC_5 23694	49.53 3.79 -0.01	45.00 3.18 0.00	41.64 2.80 0.00	40.82 2.60 0.00	40.61 2.41 0.00	46.30 3.59 -0.01	57.44 4.59 -0.02	64.32 5.47 -0.02	64.21 5.46 -0.01	60.74 4.81 0.00	60.16 4.51 -0.01	58.12 4.16 -0.01	56.29 4.17 -0.01	59.61 4.46 -0.01	64.08 4.75 -0.01	69.47 4.50 -4.19	84.85 4.94 -11.38	101.11 6.26 -12.40	107.28 5.33 -32.81	103.74 4.96 -32.71	89.93 4.69 -22.74	84.27 4.65 -20.05	64.06 5.07 -0.02	60.25 4.51 -0.06
HOLTSVILLE_IC_6 23695	49.76 4.02 -0.01	45.21 3.39 0.00	41.83 2.99 0.00	40.98 2.75 0.00	40.76 2.56 0.00	46.51 3.80 -0.01	57.76 4.91 -0.02	64.73 5.88 -0.02	64.57 5.82 -0.01	61.02 5.09 0.00	60.50 4.84 -0.01	58.45 4.48 -0.01	56.60 4.48 -0.01	59.94 4.79 -0.01	64.44 5.10 -0.01	69.89 4.92 -4.19	85.32 5.41 -11.38	101.77 6.93 -12.40	107.83 5.87 -32.81	104.27 5.48 -32.71	90.36 5.13 -22.74	84.69 5.06 -20.05	64.41 5.42 -0.02	60.64 4.90 -0.06
HOLTSVILLE_IC_7 23696	49.76 4.02 -0.01	45.21 3.39 0.00	41.83 2.99 0.00	40.98 2.75 0.00	40.76 2.56 0.00	46.51 3.80 -0.01	57.76 4.91 -0.02	64.73 5.88 -0.02	64.57 5.82 -0.01	61.02 5.09 0.00	60.50 4.84 -0.01	58.45 4.48 -0.01	56.60 4.48 -0.01	59.94 4.79 -0.01	64.44 5.10 -0.01	69.89 4.92 -4.19	85.32 5.41 -11.38	101.77 6.93 -12.40	107.83 5.87 -32.81	104.27 5.48 -32.71	90.36 5.13 -22.74	84.69 5.06 -20.05	64.41 5.42 -0.02	60.64 4.90 -0.06
HOLTSVILLE_IC_8 23697	49.76 4.02 -0.01	45.21 3.39 0.00	41.83 2.99 0.00	40.98 2.75 0.00	40.76 2.56 0.00	46.51 3.80 -0.01	57.76 4.91 -0.02	64.73 5.88 -0.02	64.57 5.82 -0.01	61.02 5.09 0.00	60.50 4.84 -0.01	58.45 4.48 -0.01	56.60 4.48 -0.01	59.94 4.79 -0.01	64.44 5.10 -0.01	69.89 4.92 -4.19	85.32 5.41 -11.38	101.77 6.93 -12.40	107.83 5.87 -32.81	104.27 5.48 -32.71	90.36 5.13 -22.74	84.69 5.06 -20.05	64.41 5.42 -0.02	60.64 4.90 -0.06
HOLTSVILLE_IC_9 23698	49.76 4.02 -0.01	45.21 3.39 0.00	41.83 2.99 0.00	40.98 2.75 0.00	40.76 2.56 0.00	46.51 3.80 -0.01	57.76 4.91 -0.02	64.73 5.88 -0.02	64.57 5.82 -0.01	61.02 5.09 0.00	60.50 4.84 -0.01	58.45 4.48 -0.01	56.60 4.48 -0.01	59.94 4.79 -0.01	64.44 5.10 -0.01	69.89 4.92 -4.19	85.32 5.41 -11.38	101.77 6.93 -12.40	107.83 5.87 -32.81	104.27 5.48 -32.71	90.36 5.13 -22.74	84.69 5.06 -20.05	64.41 5.42 -0.02	60.64 4.90 -0.06
HOMER_HL_115KV_TB2 355744	42.07 -3.66 0.00	38.73 -3.10 0.00	35.93 -2.91 0.00	35.58 -2.64 0.00	35.84 -2.37 0.00	39.20 -3.50 0.00	48.29 -4.54 0.00	53.66 -5.18 0.00	54.16 -4.58 0.00	53.02 -2.91 0.00	53.09 -2.56 0.00	51.80 -2.16 0.00	49.56 -2.55 0.00	53.38 -1.76 0.00	57.84 -1.48 0.00	58.89 -1.88 0.00	66.68 -1.85 0.00	79.89 -2.56 0.00	65.76 -3.39 0.00	62.64 -3.44 0.00	59.37 -3.12 0.00	55.94 -3.63 0.00	55.25 -3.71 0.00	53.01 -2.67 0.00
HOWARD_WT_PWR 323690	41.29 -4.43 0.00	37.94 -3.89 0.00	35.35 -3.50 0.00	35.05 -3.17 0.00	35.19 -3.02 0.00	38.74 -3.97 0.00	48.08 -4.76 0.00	53.54 -5.29 0.00	54.10 -4.64 0.00	52.86 -3.08 0.00	52.92 -2.73 0.00	51.75 -2.21 0.00	49.92 -2.19 0.00	53.26 -1.87 0.00	58.02 -1.31 0.00	59.74 -1.03 0.00	67.98 -0.55 0.00	81.71 -0.74 0.00	67.70 -1.46 0.00	64.89 -1.19 0.00	60.68 -1.81 0.00	57.19 -2.38 0.00	56.72 -2.24 0.00	54.46 -1.23 0.00
HQ_GEN_CEDARS 23644	46.82 1.10 0.00	42.87 1.05 0.00	39.78 0.93 0.00	39.10 0.88 0.00	39.12 0.92 0.00	43.69 0.98 0.00	54.10 1.27 0.00	60.30 1.47 0.00	60.09 1.35 0.00	57.16 1.23 0.00	56.93 1.28 0.00	55.20 1.24 0.00	53.47 1.35 0.00	56.41 1.27 0.00	60.75 1.42 0.00	62.30 1.52 0.00	70.17 1.64 0.00	84.18 1.73 0.00	70.60 1.45 0.00	67.79 1.72 0.00	64.31 1.81 0.00	61.30 1.73 0.00	60.67 1.71 0.00	57.19 1.50 0.00
HQ_GEN_CEDARS_PROXY 323590	46.82 1.10 0.00	42.87 1.05 0.00	39.77 0.93 0.00	39.10 0.88 0.00	39.12 0.92 0.00	43.69 0.98 0.00	54.10 1.27 0.00	60.30 1.47 0.00	60.15 1.41 0.00	57.16 1.23 0.00	56.93 1.28 0.00	55.20 1.24 0.00	53.46 1.35 0.00	56.41 1.27 0.00	60.75 1.42 0.00	62.30 1.52 0.00	70.52 1.99 0.00	84.26 1.81 0.00	70.88 1.73 0.00	67.79 1.72 0.00	64.24 1.75 0.00	61.31 1.73 0.00	60.67 1.71 0.00	57.19 1.50 0.00

HQ_GEN_IMPORT 323601	46.05 0.32 0.00	42.16 0.33 0.00	39.12 0.27 0.00	38.49 0.27 0.00	38.47 0.27 0.00	43.01 0.30 0.00	53.21 0.37 0.00	59.25 0.41 0.00	59.16 0.41 0.00	56.27 0.34 0.00	56.04 0.39 0.00	54.34 0.38 0.00	52.53 0.41 0.00	55.53 0.39 0.00	59.75 0.42 0.00	61.21 0.43 0.00	69.22 0.69 0.00	83.03 0.58 0.00	69.77 0.62 0.00	66.67 0.59 0.00	63.06 0.56 0.00	60.11 0.53 0.00	59.49 0.53 0.00	56.18 0.50 0.00
HQ_GEN_WHEEL 23651	46.05 0.32 0.00	42.16 0.33 0.00	39.12 0.27 0.00	38.49 0.27 0.00	38.47 0.27 0.00	43.01 0.30 0.00	53.21 0.37 0.00	59.25 0.41 0.00	59.16 0.41 0.00	56.27 0.34 0.00	56.04 0.39 0.00	54.34 0.38 0.00	52.53 0.41 0.00	55.53 0.39 0.00	59.75 0.42 0.00	61.21 0.43 0.00	69.22 0.69 0.00	83.03 0.58 0.00	69.77 0.62 0.00	66.67 0.59 0.00	63.06 0.56 0.00	60.11 0.53 0.00	59.49 0.53 0.00	56.18 0.50 0.00
HUDSON AVE_GT_3 23810	48.01 2.29 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.88 1.68 0.00	44.80 2.09 0.00	55.63 2.80 0.00	62.25 3.41 0.00	62.21 3.47 0.00	59.18 3.24 0.00	58.60 2.95 0.00	56.82 2.86 0.00	54.98 2.87 0.00	58.01 2.87 0.00	62.12 2.79 0.00	63.33 2.55 0.00	71.34 2.81 0.00	86.08 3.63 0.00	72.61 3.46 0.00	69.18 3.11 0.00	65.25 2.75 0.00	62.32 2.74 0.00	61.85 2.89 0.00	58.36 2.67 0.00
HUDSON AVE_GT_4 23540	48.01 2.29 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.88 1.68 0.00	44.80 2.09 0.00	55.63 2.80 0.00	62.25 3.41 0.00	62.21 3.47 0.00	59.18 3.24 0.00	58.60 2.95 0.00	56.82 2.86 0.00	54.98 2.87 0.00	58.01 2.87 0.00	62.12 2.79 0.00	63.33 2.55 0.00	71.34 2.81 0.00	86.08 3.63 0.00	72.61 3.46 0.00	69.18 3.11 0.00	65.25 2.75 0.00	62.32 2.74 0.00	61.85 2.89 0.00	58.36 2.67 0.00
HUDSON AVE_GT_5 23657	48.01 2.29 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.88 1.68 0.00	44.80 2.09 0.00	55.63 2.80 0.00	62.25 3.41 0.00	62.21 3.47 0.00	59.18 3.24 0.00	58.60 2.95 0.00	56.82 2.86 0.00	54.98 2.87 0.00	58.01 2.87 0.00	62.12 2.79 0.00	63.33 2.55 0.00	71.34 2.81 0.00	86.08 3.63 0.00	72.61 3.46 0.00	69.18 3.11 0.00	65.25 2.75 0.00	62.32 2.74 0.00	61.85 2.89 0.00	58.36 2.67 0.00
HUDSON_AVE_10 24168	47.87 2.15 0.00	43.62 1.80 0.00	40.55 1.71 0.00	39.90 1.68 0.00	39.73 1.53 0.00	44.67 1.96 0.00	55.53 2.69 0.00	62.13 3.29 0.00	62.09 3.35 0.00	59.12 3.19 0.00	58.38 2.73 0.00	56.66 2.70 0.00	54.82 2.71 0.00	57.79 2.65 0.00	61.94 2.61 0.00	63.15 2.37 0.00	71.13 2.60 0.00	85.91 3.46 0.00	72.40 3.25 0.00	68.98 2.91 0.00	65.06 2.56 0.00	62.20 2.62 0.00	61.73 2.77 0.00	58.24 2.56 0.00
HUDSON___115KV_TB 4 355613	48.15 2.42 0.00	43.88 2.05 0.00	40.78 1.94 0.00	40.09 1.87 0.00	40.04 1.83 0.00	44.88 2.18 0.00	55.37 2.54 0.00	61.07 2.24 0.00	60.97 2.23 0.00	57.61 1.68 0.00	57.10 1.45 0.00	55.26 1.30 0.00	53.31 1.20 0.00	56.35 1.21 0.00	60.69 1.36 0.00	62.60 1.82 0.00	70.59 2.06 0.00	85.00 2.56 0.00	71.64 2.49 0.00	68.52 2.44 0.00	64.87 2.37 0.00	61.90 2.32 0.00	61.38 2.42 0.00	57.97 2.28 0.00
HUNTER MOUNT___DRP 323613	48.42 2.70 0.00	44.04 2.22 0.00	40.94 2.10 0.00	40.21 1.99 0.00	40.15 1.95 0.00	45.01 2.31 0.00	55.42 2.59 0.00	61.13 2.29 0.00	61.03 2.29 0.00	57.61 1.68 0.00	57.04 1.39 0.00	55.15 1.19 0.00	53.20 1.09 0.00	56.24 1.10 0.00	60.57 1.25 0.00	62.72 1.94 0.00	70.86 2.33 0.00	85.25 2.80 0.00	71.85 2.70 0.00	68.78 2.71 0.00	65.12 2.62 0.00	62.14 2.56 0.00	61.55 2.59 0.00	58.08 2.39 0.00
HUNTINGTON_RES_REC 323705	49.48 3.75 -0.01	44.96 3.14 0.00	41.60 2.76 0.00	40.78 2.56 0.00	40.57 2.37 0.00	46.22 3.50 -0.01	57.34 4.49 -0.02	64.26 5.41 -0.02	64.15 5.40 -0.01	60.68 4.75 0.00	60.16 4.51 -0.01	58.18 4.21 -0.01	56.34 4.22 -0.01	59.67 4.52 -0.01	64.08 4.75 -0.01	69.41 4.43 -4.19	84.70 4.80 -11.38	100.95 6.10 -12.40	107.08 5.12 -32.81	103.55 4.76 -32.71	89.74 4.50 -22.74	84.15 4.53 -20.05	63.94 4.95 -0.02	60.09 4.35 -0.06
HUNTLEY___63 23557	41.06 -4.66 0.00	37.89 -3.93 0.00	35.04 -3.81 0.00	34.63 -3.59 0.00	34.99 -3.21 0.00	38.01 -4.70 0.00	46.18 -6.66 0.00	51.36 -7.47 0.00	51.87 -6.87 0.00	51.07 -4.87 0.00	51.14 -4.51 0.00	49.81 -4.15 0.00	47.58 -4.53 0.00	51.28 -3.86 0.00	55.53 -3.80 0.00	56.22 -4.56 0.00	63.46 -5.07 0.00	76.02 -6.43 0.00	62.37 -6.78 0.00	59.33 -6.74 0.00	56.44 -6.06 0.00	53.32 -6.26 0.00	52.83 -6.13 0.00	50.78 -4.90 0.00
HUNTLEY___64 23558	41.06 -4.66 0.00	37.89 -3.93 0.00	35.04 -3.81 0.00	34.63 -3.59 0.00	34.99 -3.21 0.00	38.01 -4.70 0.00	46.18 -6.66 0.00	51.36 -7.47 0.00	51.87 -6.87 0.00	51.07 -4.87 0.00	51.14 -4.51 0.00	49.81 -4.15 0.00	47.58 -4.53 0.00	51.28 -3.86 0.00	55.53 -3.80 0.00	56.22 -4.56 0.00	63.46 -5.07 0.00	76.02 -6.43 0.00	62.37 -6.78 0.00	59.33 -6.74 0.00	56.44 -6.06 0.00	53.32 -6.26 0.00	52.83 -6.13 0.00	50.78 -4.90 0.00
HUNTLEY___65 23559	41.06 -4.66 0.00	37.89 -3.93 0.00	35.04 -3.81 0.00	34.63 -3.59 0.00	34.99 -3.21 0.00	38.01 -4.70 0.00	46.18 -6.66 0.00	51.36 -7.47 0.00	51.87 -6.87 0.00	51.07 -4.87 0.00	51.14 -4.51 0.00	49.81 -4.15 0.00	47.58 -4.53 0.00	51.28 -3.86 0.00	55.53 -3.80 0.00	56.22 -4.56 0.00	63.46 -5.07 0.00	76.02 -6.43 0.00	62.37 -6.78 0.00	59.33 -6.74 0.00	56.44 -6.06 0.00	53.32 -6.26 0.00	52.83 -6.13 0.00	50.78 -4.90 0.00
HUNTLEY___66 23560	41.06 -4.66 0.00	37.89 -3.93 0.00	35.04 -3.81 0.00	34.63 -3.59 0.00	34.99 -3.21 0.00	38.01 -4.70 0.00	46.18 -6.66 0.00	51.36 -7.47 0.00	51.87 -6.87 0.00	51.07 -4.87 0.00	51.14 -4.51 0.00	49.81 -4.15 0.00	47.58 -4.53 0.00	51.28 -3.86 0.00	55.53 -3.80 0.00	56.22 -4.56 0.00	63.46 -5.07 0.00	76.02 -6.43 0.00	62.37 -6.78 0.00	59.33 -6.74 0.00	56.44 -6.06 0.00	53.32 -6.26 0.00	52.83 -6.13 0.00	50.78 -4.90 0.00
HUNTLEY___67 23561	41.11 -4.62 0.00	37.94 -3.89 0.00	35.08 -3.77 0.00	34.67 -3.55 0.00	34.99 -3.21 0.00	38.14 -4.57 0.00	46.34 -6.50 0.00	51.54 -7.30 0.00	52.05 -6.70 0.00	51.12 -4.81 0.00	51.20 -4.45 0.00	49.86 -4.10 0.00	47.63 -4.48 0.00	51.33 -3.80 0.00	55.53 -3.80 0.00	56.28 -4.50 0.00	63.46 -5.07 0.00	76.02 -6.43 0.00	62.44 -6.71 0.00	59.33 -6.74 0.00	56.44 -6.06 0.00	53.38 -6.20 0.00	52.89 -6.07 0.00	50.73 -4.96 0.00
HUNTLEY___68 23562	41.11 -4.62 0.00	37.94 -3.89 0.00	35.08 -3.77 0.00	34.67 -3.55 0.00	34.99 -3.21 0.00	38.14 -4.57 0.00	46.34 -6.50 0.00	51.54 -7.30 0.00	52.05 -6.70 0.00	51.12 -4.81 0.00	51.20 -4.45 0.00	49.86 -4.10 0.00	47.63 -4.48 0.00	51.33 -3.80 0.00	55.53 -3.80 0.00	56.28 -4.50 0.00	63.46 -5.07 0.00	76.02 -6.43 0.00	62.44 -6.71 0.00	59.33 -6.74 0.00	56.44 -6.06 0.00	53.38 -6.20 0.00	52.89 -6.07 0.00	50.73 -4.96 0.00

HYLAND___LFGE 323620	44.90 -0.82 0.00	41.20 -0.63 0.00	38.26 -0.58 0.00	37.88 -0.34 0.00	37.94 -0.27 0.00	41.94 -0.77 0.00	52.09 -0.74 0.00	58.07 -0.77 0.00	58.10 -0.64 0.00	55.93 0.00 0.00	55.48 -0.17 0.00	53.91 -0.05 0.00	51.69 -0.42 0.00	54.76 -0.38 0.00	57.78 -1.54 0.00	59.80 -0.97 0.00	68.19 -0.34 0.00	82.45 0.00 0.00	68.39 -0.76 0.00	65.54 -0.53 0.00	61.37 -1.12 0.00	57.85 -1.73 0.00	59.14 0.18 0.00	56.96 1.28 0.00
INDECK___CORINTH 23802	47.19 1.46 0.00	43.12 1.30 0.00	40.01 1.16 0.00	39.37 1.15 0.00	39.35 1.15 0.00	44.29 1.58 0.00	54.68 1.85 0.00	61.01 2.18 0.00	60.80 2.05 0.00	57.56 1.62 0.00	57.09 1.44 0.00	55.15 1.19 0.00	53.00 0.89 0.00	56.13 0.99 0.00	60.40 1.07 0.00	62.30 1.52 0.00	70.24 1.71 0.00	85.01 2.56 0.00	71.57 2.42 0.00	68.32 2.25 0.00	64.74 2.25 0.00	61.66 2.08 0.00	61.02 2.06 0.00	57.35 1.67 0.00
INDECK___ILION 23567	46.14 0.41 0.00	42.16 0.33 0.00	39.15 0.31 0.00	38.49 0.27 0.00	38.47 0.27 0.00	43.09 0.38 0.00	53.36 0.53 0.00	59.48 0.65 0.00	59.45 0.70 0.00	56.60 0.67 0.00	56.37 0.72 0.00	54.66 0.70 0.00	52.94 0.83 0.00	56.13 0.99 0.00	60.45 1.13 0.00	62.05 1.28 0.00	70.04 1.51 0.00	84.26 1.81 0.00	70.74 1.59 0.00	67.53 1.45 0.00	63.87 1.37 0.00	60.95 1.37 0.00	60.32 1.36 0.00	56.91 1.23 0.00
INDECK___OLEAN 23982	42.11 -3.61 0.00	38.81 -3.01 0.00	36.16 -2.68 0.00	35.89 -2.33 0.00	35.99 -2.22 0.00	39.20 -3.50 0.00	48.50 -4.33 0.00	53.66 -5.18 0.00	54.16 -4.58 0.00	53.14 -2.80 0.00	53.09 -2.56 0.00	51.80 -2.16 0.00	49.51 -2.60 0.00	52.88 -2.26 0.00	57.78 -1.54 0.00	58.96 -1.82 0.00	66.68 -1.85 0.00	79.98 -2.47 0.00	65.90 -3.25 0.00	63.36 -2.71 0.00	59.44 -3.06 0.00	55.88 -3.69 0.00	55.54 -3.42 0.00	54.23 -1.45 0.00
INDECK___OSWEGO 23783	44.12 -1.60 0.00	40.40 -1.42 0.00	37.52 -1.32 0.00	36.96 -1.26 0.00	36.98 -1.22 0.00	41.21 -1.50 0.00	51.04 -1.80 0.00	56.77 -2.06 0.00	56.68 -2.06 0.00	54.03 -1.90 0.00	53.81 -1.84 0.00	52.23 -1.73 0.00	50.34 -1.77 0.00	53.21 -1.93 0.00	57.37 -1.96 0.00	58.89 -1.88 0.00	66.41 -2.12 0.00	79.89 -2.56 0.00	66.87 -2.28 0.00	63.89 -2.18 0.00	60.31 -2.19 0.00	57.49 -2.09 0.00	56.90 -2.07 0.00	53.85 -1.84 0.00
INDECK___YERKES 23781	41.06 -4.66 0.00	37.98 -3.85 0.00	35.46 -3.38 0.00	35.16 -3.06 0.00	35.26 -2.94 0.00	38.05 -4.65 0.00	46.49 -6.34 0.00	51.36 -7.47 0.00	51.87 -6.87 0.00	51.18 -4.75 0.00	51.14 -4.51 0.00	49.86 -4.10 0.00	47.37 -4.74 0.00	50.56 -4.58 0.00	55.47 -3.86 0.00	56.46 -4.31 0.00	63.53 -5.00 0.00	76.18 -6.27 0.00	62.65 -6.50 0.00	60.46 -5.62 0.00	56.50 -6.00 0.00	53.32 -6.25 0.00	53.24 -5.72 0.00	52.67 -3.01 0.00
INDIAN POINT_GT_1 24139	47.60 1.87 0.00	43.42 1.59 0.00	40.36 1.51 0.00	39.75 1.53 0.00	39.58 1.38 0.00	44.46 1.75 0.00	55.11 2.27 0.00	61.66 2.82 0.00	61.56 2.82 0.00	58.51 2.57 0.00	57.99 2.34 0.00	56.17 2.21 0.00	54.35 2.24 0.00	57.46 2.32 0.00	61.64 2.31 0.00	62.91 2.13 0.00	70.86 2.33 0.00	85.50 3.05 0.00	71.99 2.84 0.00	68.65 2.58 0.00	64.75 2.25 0.00	61.90 2.32 0.00	61.32 2.36 0.00	57.85 2.17 0.00
INDIAN POINT_GT_2 23659	47.60 1.87 0.00	43.42 1.59 0.00	40.36 1.51 0.00	39.75 1.53 0.00	39.58 1.38 0.00	44.46 1.75 0.00	55.11 2.27 0.00	61.66 2.82 0.00	61.56 2.82 0.00	58.51 2.57 0.00	57.99 2.34 0.00	56.17 2.21 0.00	54.35 2.24 0.00	57.46 2.32 0.00	61.64 2.31 0.00	62.91 2.13 0.00	70.86 2.33 0.00	85.50 3.05 0.00	71.99 2.84 0.00	68.65 2.58 0.00	64.75 2.25 0.00	61.90 2.32 0.00	61.32 2.36 0.00	57.85 2.17 0.00
INDIAN POINT_GT_3 24019	47.60 1.87 0.00	43.42 1.59 0.00	40.36 1.51 0.00	39.75 1.53 0.00	39.58 1.38 0.00	44.46 1.75 0.00	55.11 2.27 0.00	61.66 2.82 0.00	61.56 2.82 0.00	58.51 2.57 0.00	57.99 2.34 0.00	56.17 2.21 0.00	54.35 2.24 0.00	57.46 2.32 0.00	61.64 2.31 0.00	62.91 2.13 0.00	70.86 2.33 0.00	85.50 3.05 0.00	71.99 2.84 0.00	68.65 2.58 0.00	64.75 2.25 0.00	61.90 2.32 0.00	61.32 2.36 0.00	57.85 2.17 0.00
INDIAN POINT___2 23530	47.60 1.88 0.00	43.42 1.59 0.00	40.28 1.44 0.00	39.64 1.42 0.00	39.50 1.30 0.00	44.46 1.75 0.00	55.00 2.17 0.00	61.66 2.82 0.00	61.56 2.82 0.00	58.51 2.57 0.00	57.99 2.34 0.00	56.17 2.21 0.00	54.40 2.29 0.00	57.62 2.48 0.00	61.76 2.43 0.00	62.85 2.07 0.00	70.66 2.13 0.00	85.41 2.96 0.00	71.71 2.56 0.00	68.38 2.31 0.00	64.74 2.25 0.00	61.90 2.32 0.00	61.20 2.24 0.00	57.46 1.78 0.00
INDIAN POINT___3 23531	47.55 1.83 0.00	43.42 1.59 0.00	40.36 1.51 0.00	39.71 1.49 0.00	39.54 1.34 0.00	44.41 1.71 0.00	55.05 2.22 0.00	61.54 2.71 0.00	61.44 2.70 0.00	58.39 2.46 0.00	57.87 2.23 0.00	56.07 2.10 0.00	54.30 2.19 0.00	57.40 2.26 0.00	61.58 2.25 0.00	62.84 2.07 0.00	70.72 2.19 0.00	85.33 2.89 0.00	71.85 2.70 0.00	68.52 2.44 0.00	64.68 2.19 0.00	61.78 2.20 0.00	61.26 2.30 0.00	57.74 2.06 0.00
INGHAM_C_115KV_TB7 356103	46.78 1.05 0.00	42.70 0.88 0.00	39.62 0.78 0.00	38.95 0.73 0.00	38.97 0.76 0.00	43.65 0.94 0.00	54.05 1.22 0.00	60.30 1.47 0.00	60.33 1.59 0.00	57.44 1.51 0.00	57.32 1.67 0.00	55.63 1.67 0.00	53.93 1.82 0.00	57.23 2.10 0.00	61.82 2.49 0.00	63.45 2.67 0.00	71.61 3.08 0.00	86.24 3.79 0.00	72.40 3.25 0.00	69.11 3.04 0.00	65.43 2.94 0.00	62.44 2.86 0.00	61.85 2.89 0.00	58.36 2.67 0.00
IP CORINTH___1 23988	47.51 1.78 0.00	43.37 1.55 0.00	40.28 1.44 0.00	39.64 1.41 0.00	39.62 1.41 0.00	44.54 1.84 0.00	55.05 2.22 0.00	61.42 2.59 0.00	61.21 2.47 0.00	57.95 2.01 0.00	57.43 1.78 0.00	55.47 1.51 0.00	53.31 1.20 0.00	56.46 1.32 0.00	60.75 1.42 0.00	62.72 1.94 0.00	70.79 2.26 0.00	85.58 3.13 0.00	72.06 2.90 0.00	68.85 2.78 0.00	65.12 2.62 0.00	62.02 2.44 0.00	61.44 2.48 0.00	57.91 2.23 0.00
IP___TICONDEROGA 23804	49.15 3.43 0.00	44.80 2.97 0.00	41.60 2.76 0.00	40.94 2.71 0.00	40.92 2.71 0.00	46.12 3.42 0.00	57.11 4.28 0.00	63.78 4.94 0.00	63.62 4.88 0.00	60.07 4.14 0.00	59.43 3.78 0.00	57.36 3.40 0.00	54.87 2.76 0.00	58.17 3.03 0.00	62.71 3.38 0.00	65.03 4.25 0.00	73.60 5.07 0.00	89.29 6.84 0.00	75.17 6.02 0.00	71.89 5.81 0.00	68.06 5.56 0.00	64.76 5.18 0.00	64.09 5.13 0.00	60.30 4.62 0.00
ISLIP_RES_REC 323679	49.94 4.20 -0.01	45.34 3.51 0.00	41.95 3.11 0.00	41.13 2.90 0.00	40.92 2.71 0.00	46.69 3.97 -0.01	58.03 5.18 -0.02	65.02 6.18 -0.02	64.86 6.11 -0.01	61.30 5.37 0.00	60.77 5.12 -0.01	58.66 4.69 -0.01	56.81 4.69 -0.01	60.16 5.02 -0.01	64.73 5.40 -0.01	70.20 5.23 -4.19	85.73 5.82 -11.38	102.35 7.50 -12.40	108.32 6.36 -32.81	104.66 5.88 -32.71	90.74 5.50 -22.74	85.05 5.42 -20.05	64.70 5.72 -0.02	60.92 5.18 -0.06

JAMAICA__27_KV_LOAD 355505	48.06 2.33 0.00	43.75 1.92 0.00	40.59 1.75 0.00	39.94 1.72 0.00	39.77 1.57 0.00	44.84 2.14 0.00	55.95 3.12 0.00	62.54 3.71 0.00	62.38 3.64 0.00	59.68 3.75 0.00	58.43 2.78 0.00	56.66 2.70 0.00	54.87 2.76 0.00	57.84 2.70 0.00	61.94 2.61 0.00	63.03 2.25 0.00	71.27 2.74 0.00	86.16 3.71 0.00	72.82 3.66 0.00	69.31 3.24 0.00	65.25 2.75 0.00	62.44 2.86 0.00	62.32 3.36 0.00	58.58 2.90 0.00
JANIS__SOLAR 323808	46.41 0.69 0.00	42.49 0.67 0.00	39.39 0.54 0.00	38.76 0.53 0.00	38.81 0.61 0.00	43.35 0.64 0.00	53.95 1.11 0.00	60.24 1.41 0.00	60.03 1.29 0.00	57.11 1.18 0.00	56.76 1.11 0.00	54.88 0.92 0.00	53.10 0.99 0.00	56.24 1.10 0.00	61.11 1.78 0.00	63.15 2.37 0.00	71.89 3.36 0.00	86.73 4.28 0.00	72.54 3.39 0.00	69.24 3.17 0.00	65.12 2.62 0.00	61.84 2.26 0.00	61.02 2.06 0.00	57.80 2.12 0.00
JARVIS____ 23743	45.77 0.05 0.00	41.83 0.00 0.00	38.84 0.00 0.00	38.22 0.00 0.00	38.20 0.00 0.00	42.75 0.04 0.00	52.89 0.05 0.00	58.89 0.06 0.00	58.86 0.12 0.00	55.99 0.06 0.00	55.70 0.06 0.00	54.01 0.05 0.00	52.22 0.10 0.00	55.25 0.11 0.00	59.45 0.12 0.00	60.90 0.12 0.00	68.67 0.14 0.00	82.70 0.25 0.00	69.29 0.14 0.00	66.21 0.13 0.00	62.62 0.13 0.00	59.70 0.12 0.00	59.08 0.12 0.00	55.74 0.06 0.00
JENNISON____1 23625	46.37 0.64 0.00	42.45 0.63 0.00	39.27 0.43 0.00	38.60 0.38 0.00	38.66 0.46 0.00	43.26 0.56 0.00	53.68 0.85 0.00	60.13 1.29 0.00	59.98 1.23 0.00	57.00 1.06 0.00	56.71 1.06 0.00	54.88 0.92 0.00	53.26 1.15 0.00	56.57 1.43 0.00	61.64 2.31 0.00	63.51 2.73 0.00	72.23 3.70 0.00	86.98 4.53 0.00	72.82 3.66 0.00	69.31 3.24 0.00	65.43 2.94 0.00	62.14 2.56 0.00	61.26 2.30 0.00	57.74 2.06 0.00
JENNISON____2 23626	46.37 0.64 0.00	42.45 0.63 0.00	39.27 0.43 0.00	38.60 0.38 0.00	38.66 0.46 0.00	43.26 0.56 0.00	53.68 0.85 0.00	60.13 1.29 0.00	59.98 1.23 0.00	57.00 1.06 0.00	56.71 1.06 0.00	54.88 0.92 0.00	53.26 1.15 0.00	56.57 1.43 0.00	61.64 2.31 0.00	63.51 2.73 0.00	72.23 3.70 0.00	86.98 4.53 0.00	72.82 3.66 0.00	69.31 3.24 0.00	65.43 2.94 0.00	62.14 2.56 0.00	61.26 2.30 0.00	57.74 2.06 0.00
JERICOHO_RISE_WT_PWR 323719	46.28 0.55 0.00	42.37 0.54 0.00	39.31 0.47 0.00	38.60 0.38 0.00	38.63 0.42 0.00	43.13 0.43 0.00	53.47 0.64 0.00	59.60 0.76 0.00	59.50 0.76 0.00	56.66 0.73 0.00	56.48 0.84 0.00	54.77 0.81 0.00	53.05 0.94 0.00	55.97 0.83 0.00	60.22 0.89 0.00	61.75 0.97 0.00	70.04 1.51 0.00	84.01 1.56 0.00	70.61 1.45 0.00	67.46 1.39 0.00	63.87 1.37 0.00	60.83 1.25 0.00	60.14 1.18 0.00	56.63 0.95 0.00
KATONAH__115KV_46KV_TB4 355592	47.97 2.24 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.53 2.69 0.00	62.19 3.35 0.00	62.09 3.35 0.00	59.01 3.08 0.00	58.49 2.84 0.00	56.60 2.64 0.00	54.77 2.66 0.00	57.79 2.65 0.00	62.06 2.73 0.00	63.39 2.61 0.00	71.48 2.95 0.00	86.41 3.96 0.00	72.68 3.53 0.00	69.24 3.17 0.00	65.37 2.87 0.00	62.50 2.92 0.00	61.91 2.95 0.00	58.30 2.62 0.00
KCE_NY_1 323755	47.83 2.10 0.00	43.62 1.80 0.00	40.51 1.67 0.00	39.86 1.64 0.00	39.81 1.60 0.00	44.71 2.01 0.00	55.32 2.48 0.00	61.60 2.77 0.00	61.45 2.70 0.00	58.28 2.35 0.00	57.88 2.23 0.00	56.01 2.05 0.00	53.93 1.82 0.00	57.12 1.98 0.00	61.40 2.08 0.00	63.21 2.43 0.00	71.13 2.60 0.00	85.99 3.54 0.00	72.33 3.18 0.00	69.05 2.98 0.00	65.44 2.94 0.00	62.38 2.80 0.00	61.73 2.77 0.00	58.19 2.51 0.00
KCE_NY_6_ESR 323823	41.43 -4.30 0.00	38.27 -3.56 0.00	35.73 -3.11 0.00	35.43 -2.79 0.00	35.53 -2.68 0.00	38.48 -4.23 0.00	47.23 -5.60 0.00	52.30 -6.53 0.00	52.81 -5.93 0.00	52.07 -3.86 0.00	52.03 -3.62 0.00	50.72 -3.24 0.00	48.31 -3.80 0.00	51.56 -3.58 0.00	56.48 -2.85 0.00	57.55 -3.22 0.00	64.90 -3.63 0.00	77.75 -4.70 0.00	64.03 -5.12 0.00	61.71 -4.36 0.00	57.69 -4.81 0.00	54.45 -5.12 0.00	54.24 -4.72 0.00	53.45 -2.23 0.00
KEDC_PORT_JEFF_GT2 24210	49.67 3.93 -0.01	45.13 3.30 0.00	41.76 2.91 0.00	40.94 2.71 0.00	40.72 2.52 0.00	46.43 3.71 -0.01	57.66 4.81 -0.02	64.55 5.71 -0.02	64.45 5.70 -0.01	60.91 4.98 0.00	60.38 4.73 -0.01	58.34 4.37 -0.01	56.50 4.38 -0.01	59.83 4.68 -0.01	64.32 4.98 -0.01	69.72 4.74 -4.19	85.19 5.28 -11.38	101.61 6.76 -12.40	107.69 5.74 -32.81	104.07 5.29 -32.71	90.24 5.00 -22.74	84.57 4.94 -20.05	64.29 5.31 -0.02	60.47 4.73 -0.06
KEDC_PORT_JEFF_GT3 24211	49.67 3.93 -0.01	45.13 3.30 0.00	41.76 2.91 0.00	40.94 2.71 0.00	40.72 2.52 0.00	46.43 3.71 -0.01	57.66 4.81 -0.02	64.55 5.71 -0.02	64.45 5.70 -0.01	60.91 4.98 0.00	60.38 4.73 -0.01	58.34 4.37 -0.01	56.50 4.38 -0.01	59.83 4.68 -0.01	64.32 4.98 -0.01	69.72 4.74 -4.19	85.19 5.28 -11.38	101.61 6.76 -12.40	107.69 5.74 -32.81	104.07 5.29 -32.71	90.24 5.00 -22.74	84.57 4.94 -20.05	64.29 5.31 -0.02	60.47 4.73 -0.06
KEDC_GLWD_GT4 24219	48.66 2.93 -0.01	44.29 2.47 0.00	41.06 2.21 0.00	40.32 2.10 0.00	40.15 1.95 0.00	45.45 2.74 -0.01	56.28 3.43 -0.02	63.09 4.24 -0.02	63.04 4.29 -0.01	59.90 3.97 0.00	59.39 3.73 -0.01	57.53 3.56 -0.01	55.71 3.59 -0.01	58.95 3.80 -0.01	63.19 3.85 -0.01	68.37 3.40 -4.19	83.61 3.70 -11.38	99.71 4.86 -12.40	106.04 4.08 -32.81	102.62 3.83 -32.71	88.86 3.62 -22.74	83.26 3.63 -20.05	62.58 3.60 -0.02	58.80 3.06 -0.06
KEDC_GLWD_GT5 24220	48.66 2.93 -0.01	44.29 2.47 0.00	41.06 2.21 0.00	40.32 2.10 0.00	40.15 1.95 0.00	45.45 2.74 -0.01	56.28 3.43 -0.02	63.09 4.24 -0.02	63.04 4.29 -0.01	59.90 3.97 0.00	59.39 3.73 -0.01	57.53 3.56 -0.01	55.71 3.59 -0.01	58.95 3.80 -0.01	63.19 3.85 -0.01	68.37 3.40 -4.19	83.61 3.70 -11.38	99.71 4.86 -12.40	106.04 4.08 -32.81	102.62 3.83 -32.71	88.86 3.62 -22.74	83.26 3.63 -20.05	62.58 3.60 -0.02	58.80 3.06 -0.06
KENSICO____ 23655	47.74 2.01 0.00	43.58 1.76 0.00	40.51 1.67 0.00	39.87 1.64 0.00	39.73 1.53 0.00	44.58 1.88 0.00	55.32 2.48 0.00	61.89 3.06 0.00	61.80 3.05 0.00	58.73 2.80 0.00	58.26 2.62 0.00	56.44 2.48 0.00	54.61 2.50 0.00	57.68 2.54 0.00	61.88 2.55 0.00	63.15 2.37 0.00	71.13 2.60 0.00	85.83 3.38 0.00	72.26 3.11 0.00	68.91 2.84 0.00	65.00 2.50 0.00	62.14 2.56 0.00	61.55 2.59 0.00	58.08 2.39 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.10 2.38 0.00	43.83 2.01 0.00	40.75 1.90 0.00	40.06 1.83 0.00	39.92 1.72 0.00	44.80 2.09 0.00	55.32 2.48 0.00	61.95 3.12 0.00	61.97 3.23 0.00	58.62 2.68 0.00	58.04 2.39 0.00	56.12 2.16 0.00	54.35 2.24 0.00	57.40 2.26 0.00	61.76 2.43 0.00	63.39 2.61 0.00	71.82 3.29 0.00	86.49 4.04 0.00	72.89 3.73 0.00	69.64 3.57 0.00	65.68 3.19 0.00	62.67 3.10 0.00	61.97 3.01 0.00	58.24 2.56 0.00

KIAC_JFK_GT1 23816	47.83 2.10 0.00	43.50 1.67 0.00	40.40 1.55 0.00	39.75 1.53 0.00	39.54 1.34 0.00	44.63 1.92 0.00	55.63 2.80 0.00	61.95 3.12 0.00	61.86 3.11 0.00	59.34 3.41 0.00	58.10 2.45 0.00	56.39 2.43 0.00	54.56 2.45 0.00	57.51 2.37 0.00	61.58 2.25 0.00	62.48 1.70 0.00	70.59 2.06 0.00	85.33 2.89 0.00	72.06 2.90 0.00	68.65 2.58 0.00	64.62 2.12 0.00	62.02 2.44 0.00	61.97 3.01 0.00	58.24 2.56 0.00
KIAC_JFK_GT2 23817	47.83 2.10 0.00	43.50 1.67 0.00	40.40 1.55 0.00	39.75 1.53 0.00	39.54 1.34 0.00	44.63 1.92 0.00	55.63 2.80 0.00	61.95 3.12 0.00	61.86 3.11 0.00	59.34 3.41 0.00	58.10 2.45 0.00	56.39 2.43 0.00	54.56 2.45 0.00	57.51 2.37 0.00	61.58 2.25 0.00	62.48 1.70 0.00	70.59 2.06 0.00	85.33 2.89 0.00	72.06 2.90 0.00	68.65 2.58 0.00	64.62 2.12 0.00	62.02 2.44 0.00	61.97 3.01 0.00	58.24 2.56 0.00
KIAC_JFK____ 323774	47.92 2.19 0.00	43.58 1.76 0.00	40.36 1.51 0.00	39.67 1.45 0.00	39.54 1.34 0.00	44.71 2.01 0.00	55.68 2.85 0.00	62.66 3.82 0.00	62.51 3.76 0.00	59.57 3.63 0.00	58.26 2.62 0.00	56.50 2.54 0.00	54.77 2.66 0.00	57.95 2.81 0.00	61.94 2.61 0.00	63.09 2.31 0.00	70.58 2.05 0.00	85.58 3.13 0.00	71.99 2.84 0.00	68.58 2.51 0.00	64.93 2.43 0.00	62.26 2.68 0.00	62.02 3.06 0.00	58.02 2.34 0.00
KINTIGH__24_KV_GSU 356498	41.52 -4.21 0.00	38.31 -3.51 0.00	35.70 -3.14 0.00	35.35 -2.87 0.00	35.42 -2.79 0.00	38.56 -4.14 0.00	47.18 -5.65 0.00	52.12 -6.71 0.00	52.51 -6.23 0.00	51.35 -4.59 0.00	51.25 -4.40 0.00	49.86 -4.10 0.00	47.52 -4.59 0.00	50.45 -4.69 0.00	55.17 -4.15 0.00	56.28 -4.50 0.00	63.25 -5.28 0.00	75.93 -6.52 0.00	62.72 -6.43 0.00	60.39 -5.68 0.00	56.44 -6.06 0.00	53.56 -6.01 0.00	53.30 -5.66 0.00	52.18 -3.51 0.00
KINTIGH____ 23543	41.47 -4.25 0.00	38.23 -3.60 0.00	35.35 -3.50 0.00	34.90 -3.33 0.00	35.19 -3.02 0.00	38.56 -4.14 0.00	46.92 -5.92 0.00	52.19 -6.65 0.00	52.52 -6.23 0.00	51.29 -4.64 0.00	51.25 -4.40 0.00	49.86 -4.10 0.00	47.68 -4.43 0.00	51.17 -3.97 0.00	55.23 -4.09 0.00	56.10 -4.68 0.00	63.25 -5.28 0.00	75.85 -6.60 0.00	62.51 -6.64 0.00	59.40 -6.67 0.00	56.44 -6.06 0.00	53.56 -6.02 0.00	52.95 -6.01 0.00	50.62 -5.07 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	47.01 1.28 0.00	43.08 1.25 0.00	39.97 1.13 0.00	39.22 0.99 0.00	39.27 1.07 0.00	43.86 1.15 0.00	54.42 1.59 0.00	60.72 1.88 0.00	60.62 1.88 0.00	57.72 1.79 0.00	57.49 1.84 0.00	55.74 1.78 0.00	53.93 1.82 0.00	56.85 1.71 0.00	61.17 1.84 0.00	62.78 2.01 0.00	71.20 2.67 0.00	85.66 3.22 0.00	71.71 2.56 0.00	68.78 2.71 0.00	65.06 2.56 0.00	61.96 2.38 0.00	61.14 2.18 0.00	57.58 1.89 0.00
LACHUTE__HYDRO 323717	49.11 3.38 0.00	44.75 2.93 0.00	41.56 2.72 0.00	40.86 2.64 0.00	40.88 2.67 0.00	46.08 3.37 0.00	57.06 4.23 0.00	63.71 4.88 0.00	63.50 4.76 0.00	59.96 4.03 0.00	59.38 3.73 0.00	57.31 3.35 0.00	54.82 2.71 0.00	58.11 2.98 0.00	62.65 3.32 0.00	64.97 4.19 0.00	73.40 4.87 0.00	89.21 6.76 0.00	75.30 6.15 0.00	71.82 5.75 0.00	68.00 5.50 0.00	64.70 5.12 0.00	63.97 5.01 0.00	60.14 4.46 0.00
LAWRNCV_115KV_TB1 80681	46.73 1.01 0.00	42.83 1.00 0.00	39.74 0.89 0.00	38.99 0.76 0.00	39.04 0.84 0.00	43.56 0.85 0.00	54.00 1.16 0.00	60.25 1.41 0.00	60.03 1.29 0.00	57.05 1.12 0.00	56.82 1.17 0.00	55.09 1.13 0.00	53.41 1.30 0.00	56.35 1.21 0.00	60.69 1.36 0.00	62.30 1.52 0.00	70.17 1.64 0.00	83.93 1.48 0.00	70.33 1.18 0.00	67.53 1.45 0.00	64.25 1.75 0.00	61.42 1.85 0.00	60.79 1.83 0.00	57.24 1.56 0.00
LEDERLE____ 23769	47.60 1.87 0.00	43.46 1.63 0.00	40.40 1.55 0.00	39.75 1.53 0.00	39.62 1.41 0.00	44.46 1.75 0.00	55.00 2.17 0.00	61.54 2.71 0.00	61.50 2.76 0.00	58.39 2.46 0.00	57.87 2.23 0.00	56.07 2.10 0.00	54.30 2.19 0.00	57.40 2.26 0.00	61.64 2.31 0.00	62.91 2.13 0.00	70.86 2.33 0.00	85.42 2.97 0.00	71.99 2.84 0.00	68.65 2.58 0.00	64.81 2.31 0.00	61.90 2.32 0.00	61.32 2.36 0.00	57.80 2.12 0.00
LIGHTHSE_115KV_TB6 355974	44.86 -0.87 0.00	41.07 -0.75 0.00	38.07 -0.78 0.00	37.46 -0.76 0.00	37.48 -0.73 0.00	41.89 -0.81 0.00	51.99 -0.85 0.00	57.83 -1.00 0.00	57.74 -1.00 0.00	54.81 -1.12 0.00	54.59 -1.06 0.00	53.10 -0.86 0.00	51.28 -0.83 0.00	54.37 -0.77 0.00	58.62 -0.71 0.00	60.35 -0.43 0.00	68.19 -0.34 0.00	81.95 -0.49 0.00	68.46 -0.69 0.00	65.35 -0.73 0.00	61.75 -0.75 0.00	58.92 -0.66 0.00	58.25 -0.71 0.00	54.85 -0.84 0.00
LINDEN COGEN____ 23786	47.78 2.06 0.00	43.54 1.72 0.00	40.40 1.56 0.00	39.71 1.49 0.00	39.62 1.41 0.00	44.63 1.92 0.00	55.37 2.54 0.00	62.13 3.29 0.00	62.03 3.29 0.00	59.06 3.13 0.00	58.43 2.78 0.00	56.66 2.70 0.00	54.87 2.76 0.00	58.06 2.92 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.86 2.33 0.00	85.75 3.30 0.00	71.99 2.84 0.00	68.65 2.57 0.00	64.93 2.43 0.00	62.08 2.50 0.00	61.44 2.48 0.00	57.68 2.00 0.00
LINDHRST_69_KV_BK1 356055	49.52 3.80 0.00	45.00 3.18 0.00	41.76 2.91 0.00	40.97 2.75 0.00	40.73 2.52 0.00	46.25 3.54 0.00	57.50 4.65 -0.02	64.20 5.35 -0.02	64.15 5.40 0.00	60.52 4.59 0.00	60.27 4.62 0.00	58.28 4.32 0.00	56.33 4.22 0.00	59.55 4.41 0.00	64.07 4.75 0.00	69.53 4.56 -4.19	85.05 5.14 -11.38	101.28 6.43 -12.40	107.63 5.67 -32.81	104.01 5.22 -32.71	89.99 4.75 -22.74	84.33 4.71 -20.05	63.94 4.95 -0.02	60.36 4.62 -0.06
LIPA_MISC_IPP 23656	49.52 3.80 0.00	44.96 3.14 0.00	41.72 2.87 0.00	40.90 2.68 0.00	40.65 2.45 0.00	46.29 3.59 0.00	57.55 4.70 -0.02	64.32 5.47 -0.02	64.15 5.40 0.00	60.30 4.36 0.00	60.10 4.45 0.00	58.01 4.05 0.00	56.12 4.01 0.00	59.33 4.19 0.00	63.90 4.57 0.00	69.53 4.56 -4.19	85.05 5.14 -11.38	101.28 6.43 -12.40	107.70 5.74 -32.81	104.01 5.22 -32.71	90.05 4.81 -22.74	84.39 4.77 -20.05	64.29 5.31 -0.02	60.75 5.01 -0.06
LISF__SOLAR 323691	49.71 3.98 -0.01	45.13 3.30 0.00	41.76 2.91 0.00	40.94 2.71 0.00	40.72 2.52 0.00	46.47 3.76 -0.01	57.71 4.86 -0.02	64.62 5.77 -0.02	64.45 5.70 -0.01	60.86 4.92 0.00	60.33 4.68 -0.01	58.23 4.26 -0.01	56.39 4.27 -0.01	59.72 4.57 -0.01	64.20 4.87 -0.01	69.72 4.74 -4.19	85.26 5.35 -11.38	101.68 6.84 -12.40	107.83 5.87 -32.81	104.21 5.42 -32.71	90.30 5.06 -22.74	84.63 5.01 -20.05	64.53 5.54 -0.02	60.69 4.95 -0.06
LITTLE FALLS__HYD 24013	46.78 1.05 0.00	42.70 0.88 0.00	39.62 0.78 0.00	38.95 0.73 0.00	38.97 0.76 0.00	43.65 0.94 0.00	54.05 1.22 0.00	60.30 1.47 0.00	60.33 1.59 0.00	57.44 1.51 0.00	57.32 1.67 0.00	55.63 1.67 0.00	53.93 1.82 0.00	57.23 2.10 0.00	61.82 2.49 0.00	63.45 2.67 0.00	71.61 3.08 0.00	86.24 3.79 0.00	72.40 3.25 0.00	69.11 3.04 0.00	65.43 2.94 0.00	62.44 2.86 0.00	61.85 2.89 0.00	58.36 2.67 0.00

LITTLRIV_115KV_TB1 356100	47.19 1.46 0.00	43.21 1.38 0.00	40.09 1.24 0.00	39.33 1.11 0.00	39.35 1.15 0.00	43.94 1.24 0.00	54.52 1.69 0.00	60.89 2.06 0.00	60.62 1.88 0.00	57.50 1.57 0.00	57.26 1.61 0.00	55.53 1.56 0.00	53.88 1.77 0.00	56.85 1.71 0.00	61.23 1.90 0.00	62.91 2.13 0.00	70.93 2.40 0.00	84.84 2.39 0.00	71.16 2.01 0.00	68.32 2.25 0.00	65.00 2.50 0.00	62.08 2.50 0.00	61.44 2.48 0.00	57.85 2.17 0.00
LI_NEWBRDGE___DRP 323616	48.74 3.02 0.00	44.34 2.51 0.00	41.13 2.29 0.00	40.40 2.18 0.00	40.19 1.99 0.00	45.48 2.78 0.00	56.39 3.54 -0.02	62.97 4.12 -0.02	63.03 4.29 0.00	59.68 3.75 0.00	59.27 3.62 0.00	57.41 3.45 0.00	55.50 3.39 0.00	58.67 3.53 0.00	62.95 3.62 0.00	68.25 3.28 -4.19	83.47 3.56 -11.38	99.30 4.45 -12.40	106.04 4.08 -32.81	102.49 3.70 -32.71	88.55 3.31 -22.74	83.02 3.40 -20.05	62.64 3.66 -0.02	59.14 3.40 -0.06
LOCKPORT_115KV_TB60_63_64 80432	41.29 -4.44 0.00	38.15 -3.68 0.00	35.27 -3.57 0.00	34.86 -3.36 0.00	35.19 -3.02 0.00	38.05 -4.65 0.00	46.02 -6.82 0.00	51.24 -7.59 0.00	51.69 -7.05 0.00	50.79 -5.15 0.00	50.86 -4.79 0.00	49.54 -4.42 0.00	47.26 -4.85 0.00	50.95 -4.19 0.00	55.12 -4.21 0.00	55.79 -4.98 0.00	63.05 -5.48 0.00	75.52 -6.93 0.00	61.96 -7.19 0.00	58.87 -7.20 0.00	56.00 -6.50 0.00	53.02 -6.55 0.00	52.47 -6.49 0.00	50.62 -5.07 0.00
LOCKPORT___CC1 323769	41.20 -4.53 0.00	38.15 -3.68 0.00	35.62 -3.22 0.00	35.28 -2.94 0.00	35.38 -2.83 0.00	38.05 -4.65 0.00	46.33 -6.50 0.00	51.19 -7.65 0.00	51.69 -7.05 0.00	50.90 -5.03 0.00	50.81 -4.84 0.00	49.54 -4.42 0.00	47.06 -5.05 0.00	50.12 -5.02 0.00	55.00 -4.33 0.00	56.04 -4.74 0.00	63.05 -5.48 0.00	75.52 -6.93 0.00	62.24 -6.91 0.00	60.00 -6.08 0.00	56.00 -6.50 0.00	53.02 -6.55 0.00	52.89 -6.07 0.00	52.57 -3.12 0.00
LOCKPORT___CC2 323770	41.20 -4.53 0.00	38.15 -3.68 0.00	35.62 -3.22 0.00	35.28 -2.94 0.00	35.38 -2.83 0.00	38.05 -4.65 0.00	46.33 -6.50 0.00	51.19 -7.65 0.00	51.69 -7.05 0.00	50.90 -5.03 0.00	50.81 -4.84 0.00	49.54 -4.42 0.00	47.06 -5.05 0.00	50.12 -5.02 0.00	55.00 -4.33 0.00	56.04 -4.74 0.00	63.05 -5.48 0.00	75.52 -6.93 0.00	62.24 -6.91 0.00	60.00 -6.08 0.00	56.00 -6.50 0.00	53.02 -6.55 0.00	52.89 -6.07 0.00	52.57 -3.12 0.00
LOCKPORT___CC3 323771	41.20 -4.53 0.00	38.15 -3.68 0.00	35.62 -3.22 0.00	35.28 -2.94 0.00	35.38 -2.83 0.00	38.05 -4.65 0.00	46.33 -6.50 0.00	51.19 -7.65 0.00	51.69 -7.05 0.00	50.90 -5.03 0.00	50.81 -4.84 0.00	49.54 -4.42 0.00	47.06 -5.05 0.00	50.12 -5.02 0.00	55.00 -4.33 0.00	56.04 -4.74 0.00	63.05 -5.48 0.00	75.52 -6.93 0.00	62.24 -6.91 0.00	60.00 -6.08 0.00	56.00 -6.50 0.00	53.02 -6.55 0.00	52.89 -6.07 0.00	52.57 -3.12 0.00
LOCUSVLY_69_KV_BK2 55797	48.93 3.20 0.00	44.54 2.72 0.00	41.33 2.49 0.00	40.59 2.37 0.00	40.38 2.18 0.00	45.70 2.99 0.00	56.71 3.86 -0.02	63.38 4.53 -0.02	63.38 4.64 0.00	59.96 4.03 0.00	59.66 4.01 0.00	57.74 3.78 0.00	55.86 3.75 0.00	59.05 3.91 0.00	63.36 4.03 0.00	68.74 3.77 -4.19	84.09 4.18 -11.38	100.12 5.28 -12.40	106.66 4.70 -32.81	103.08 4.29 -32.71	89.18 3.94 -22.74	83.50 3.87 -20.05	63.05 4.07 -0.02	59.53 3.79 -0.06
LONG_LAKE_PHOENIX 24014	44.22 -1.51 0.00	40.49 -1.34 0.00	37.60 -1.24 0.00	37.04 -1.18 0.00	37.06 -1.15 0.00	41.30 -1.41 0.00	51.14 -1.69 0.00	56.89 -1.94 0.00	56.92 -1.82 0.00	54.25 -1.68 0.00	54.03 -1.61 0.00	52.40 -1.56 0.00	50.50 -1.62 0.00	53.49 -1.65 0.00	57.55 -1.78 0.00	59.02 -1.76 0.00	66.68 -1.85 0.00	80.14 -2.31 0.00	67.08 -2.07 0.00	64.02 -2.05 0.00	60.50 -2.00 0.00	57.61 -1.97 0.00	56.96 -2.00 0.00	53.79 -1.89 0.00
LOVETT___3 23632	47.42 1.69 0.00	43.33 1.51 0.00	40.28 1.44 0.00	39.64 1.41 0.00	39.50 1.30 0.00	44.33 1.62 0.00	54.89 2.06 0.00	61.36 2.53 0.00	61.33 2.58 0.00	58.23 2.29 0.00	57.76 2.11 0.00	55.96 2.00 0.00	54.14 2.03 0.00	57.29 2.15 0.00	61.52 2.20 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.09 2.64 0.00	71.64 2.49 0.00	68.32 2.25 0.00	64.50 2.00 0.00	61.66 2.09 0.00	61.08 2.12 0.00	57.63 1.95 0.00
LOVETT___4 23642	47.42 1.69 0.00	43.33 1.51 0.00	40.28 1.44 0.00	39.64 1.41 0.00	39.50 1.30 0.00	44.33 1.62 0.00	54.89 2.06 0.00	61.36 2.53 0.00	61.33 2.58 0.00	58.23 2.29 0.00	57.76 2.11 0.00	55.96 2.00 0.00	54.14 2.03 0.00	57.29 2.15 0.00	61.52 2.20 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.09 2.64 0.00	71.64 2.49 0.00	68.32 2.25 0.00	64.50 2.00 0.00	61.66 2.09 0.00	61.08 2.12 0.00	57.63 1.95 0.00
LOVETT___5 23593	47.42 1.69 0.00	43.33 1.51 0.00	40.28 1.44 0.00	39.64 1.41 0.00	39.50 1.30 0.00	44.33 1.62 0.00	54.89 2.06 0.00	61.36 2.53 0.00	61.33 2.58 0.00	58.23 2.29 0.00	57.76 2.11 0.00	55.96 2.00 0.00	54.14 2.03 0.00	57.29 2.15 0.00	61.52 2.20 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.09 2.64 0.00	71.64 2.49 0.00	68.32 2.25 0.00	64.50 2.00 0.00	61.66 2.09 0.00	61.08 2.12 0.00	57.63 1.95 0.00
LOWER RAQUET___HYD 24057	46.73 1.00 0.00	42.79 0.96 0.00	39.70 0.85 0.00	38.99 0.76 0.00	39.01 0.80 0.00	43.56 0.85 0.00	54.05 1.22 0.00	60.24 1.41 0.00	60.09 1.35 0.00	56.99 1.06 0.00	56.76 1.11 0.00	55.10 1.13 0.00	53.41 1.30 0.00	56.41 1.27 0.00	60.75 1.42 0.00	62.36 1.58 0.00	70.52 1.99 0.00	83.85 1.40 0.00	70.61 1.45 0.00	67.46 1.39 0.00	64.24 1.75 0.00	61.48 1.91 0.00	60.85 1.89 0.00	57.30 1.62 0.00
LOWER___HUDSON 24059	47.51 1.78 0.00	43.33 1.50 0.00	40.24 1.40 0.00	39.60 1.37 0.00	39.54 1.34 0.00	44.37 1.66 0.00	54.89 2.06 0.00	60.95 2.11 0.00	60.80 2.05 0.00	57.78 1.84 0.00	57.48 1.83 0.00	55.69 1.73 0.00	53.67 1.56 0.00	56.85 1.71 0.00	61.05 1.72 0.00	62.60 1.82 0.00	70.31 1.78 0.00	84.92 2.47 0.00	71.30 2.15 0.00	68.12 2.05 0.00	64.62 2.13 0.00	61.66 2.08 0.00	61.02 2.06 0.00	57.52 1.83 0.00
LOWVILLE_115KV_TB2 356335	45.72 0.00 0.00	41.87 0.04 0.00	38.77 -0.08 0.00	38.03 -0.19 0.00	38.09 -0.11 0.00	42.66 -0.04 0.00	53.05 0.21 0.00	59.30 0.47 0.00	59.10 0.35 0.00	55.88 -0.06 0.00	55.70 0.06 0.00	53.96 0.00 0.00	52.37 0.26 0.00	55.91 0.77 0.00	60.40 1.07 0.00	62.42 1.64 0.00	70.86 2.33 0.00	85.25 2.80 0.00	71.43 2.28 0.00	68.12 2.05 0.00	64.50 2.00 0.00	61.36 1.79 0.00	60.43 1.47 0.00	56.63 0.95 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	47.83 2.10 0.00	43.67 1.84 0.00	40.55 1.71 0.00	39.90 1.68 0.00	39.85 1.64 0.00	44.71 2.01 0.00	55.37 2.54 0.00	61.66 2.82 0.00	61.50 2.76 0.00	58.34 2.41 0.00	57.93 2.28 0.00	56.07 2.10 0.00	53.93 1.82 0.00	57.12 1.99 0.00	61.46 2.14 0.00	63.27 2.49 0.00	71.27 2.74 0.00	86.08 3.63 0.00	72.33 3.18 0.00	69.18 3.11 0.00	65.43 2.94 0.00	62.38 2.80 0.00	61.79 2.83 0.00	58.36 2.67 0.00

LUTHERNY_35_KV_BK2 355980	47.87 2.15 0.00	43.67 1.84 0.00	40.55 1.71 0.00	39.90 1.68 0.00	39.88 1.68 0.00	44.76 2.05 0.00	55.37 2.54 0.00	61.66 2.82 0.00	61.56 2.82 0.00	58.39 2.46 0.00	57.93 2.28 0.00	56.07 2.10 0.00	53.99 1.88 0.00	57.12 1.99 0.00	61.46 2.14 0.00	63.27 2.49 0.00	71.34 2.81 0.00	86.16 3.71 0.00	72.40 3.25 0.00	69.18 3.11 0.00	65.50 3.00 0.00	62.44 2.86 0.00	61.85 2.89 0.00	58.36 2.67 0.00
LWR___OSWEGATCHIE_HYD 23850	46.05 0.32 0.00	42.16 0.33 0.00	39.08 0.23 0.00	38.34 0.11 0.00	38.40 0.19 0.00	42.79 0.09 0.00	53.15 0.32 0.00	59.36 0.53 0.00	59.15 0.41 0.00	55.99 0.06 0.00	55.82 0.17 0.00	54.28 0.32 0.00	52.68 0.57 0.00	55.86 0.72 0.00	60.28 0.95 0.00	62.11 1.34 0.00	69.90 1.37 0.00	83.85 1.40 0.00	70.26 1.11 0.00	67.26 1.19 0.00	63.87 1.37 0.00	60.95 1.37 0.00	60.38 1.42 0.00	56.74 1.06 0.00
LYONS_FALL_HYD 23570	45.91 0.18 0.00	42.04 0.21 0.00	38.96 0.12 0.00	38.26 0.04 0.00	38.28 0.08 0.00	42.92 0.21 0.00	53.25 0.42 0.00	59.54 0.71 0.00	59.39 0.65 0.00	56.21 0.28 0.00	55.98 0.34 0.00	54.23 0.27 0.00	52.63 0.52 0.00	55.97 0.83 0.00	60.40 1.07 0.00	62.30 1.52 0.00	70.66 2.13 0.00	85.01 2.56 0.00	71.22 2.07 0.00	67.99 1.92 0.00	64.24 1.75 0.00	61.12 1.55 0.00	60.32 1.36 0.00	56.69 1.00 0.00
MADISON___COUNTY_LFGE 323628	46.32 0.59 0.00	42.41 0.59 0.00	39.35 0.50 0.00	38.68 0.46 0.00	38.74 0.53 0.00	43.39 0.68 0.00	53.78 0.95 0.00	60.07 1.24 0.00	59.98 1.23 0.00	56.94 1.01 0.00	56.65 1.00 0.00	54.82 0.86 0.00	53.10 0.99 0.00	56.24 1.10 0.00	60.69 1.36 0.00	62.42 1.64 0.00	70.59 2.06 0.00	84.76 2.31 0.00	71.02 1.87 0.00	67.66 1.59 0.00	63.93 1.44 0.00	60.83 1.25 0.00	60.08 1.12 0.00	56.68 1.00 0.00
MALONE___115KV_TB1 356076	47.10 1.37 0.00	43.12 1.30 0.00	40.01 1.17 0.00	39.25 1.03 0.00	39.35 1.15 0.00	43.94 1.24 0.00	54.47 1.64 0.00	60.83 2.00 0.00	60.68 1.94 0.00	57.78 1.85 0.00	57.54 1.89 0.00	55.80 1.83 0.00	54.09 1.98 0.00	56.90 1.76 0.00	61.29 1.96 0.00	62.91 2.13 0.00	71.27 2.74 0.00	85.58 3.13 0.00	71.64 2.49 0.00	68.72 2.64 0.00	65.12 2.62 0.00	62.08 2.50 0.00	61.26 2.30 0.00	57.69 2.00 0.00
MAPLEWOD_115KV_TB3 80458	47.55 1.83 0.00	43.37 1.55 0.00	40.32 1.48 0.00	39.67 1.45 0.00	39.62 1.41 0.00	44.37 1.67 0.00	54.89 2.06 0.00	60.72 1.88 0.00	60.62 1.88 0.00	57.55 1.62 0.00	57.26 1.61 0.00	55.47 1.51 0.00	53.52 1.41 0.00	56.63 1.49 0.00	60.81 1.48 0.00	62.42 1.64 0.00	70.11 1.58 0.00	84.43 1.98 0.00	70.95 1.80 0.00	67.79 1.72 0.00	64.25 1.75 0.00	61.36 1.79 0.00	60.79 1.83 0.00	57.52 1.84 0.00
MAPLE_RIDGE_WT_1 323574	44.58 -1.14 0.00	40.74 -1.09 0.00	37.83 -1.01 0.00	37.19 -1.03 0.00	37.21 -0.99 0.00	41.68 -1.03 0.00	51.67 -1.16 0.00	57.78 -1.06 0.00	57.92 -0.82 0.00	55.37 -0.56 0.00	55.32 -0.33 0.00	53.80 -0.16 0.00	52.06 -0.05 0.00	55.14 0.00 0.00	59.39 0.06 0.00	60.90 0.12 0.00	68.74 0.21 0.00	82.61 0.17 0.00	69.29 0.14 0.00	66.21 0.13 0.00	62.56 0.06 0.00	59.52 -0.06 0.00	58.73 -0.23 0.00	55.23 -0.45 0.00
MAPLE_RIDGE_WT_2 323611	44.58 -1.14 0.00	40.74 -1.09 0.00	37.83 -1.01 0.00	37.19 -1.03 0.00	37.21 -0.99 0.00	41.68 -1.03 0.00	51.67 -1.16 0.00	57.78 -1.06 0.00	57.92 -0.82 0.00	55.37 -0.56 0.00	55.32 -0.33 0.00	53.80 -0.16 0.00	52.06 -0.05 0.00	55.14 0.00 0.00	59.39 0.06 0.00	60.90 0.12 0.00	68.74 0.21 0.00	82.61 0.17 0.00	69.29 0.14 0.00	66.21 0.13 0.00	62.56 0.06 0.00	59.52 -0.06 0.00	58.73 -0.23 0.00	55.23 -0.45 0.00
MARBLE_RIVER_WT_PWR 323696	46.28 0.55 0.00	42.37 0.54 0.00	39.31 0.47 0.00	38.57 0.34 0.00	38.59 0.38 0.00	43.13 0.43 0.00	53.47 0.64 0.00	59.54 0.71 0.00	59.50 0.76 0.00	56.66 0.73 0.00	56.48 0.84 0.00	54.77 0.81 0.00	53.00 0.89 0.00	55.97 0.83 0.00	60.22 0.89 0.00	61.75 0.97 0.00	70.04 1.51 0.00	83.93 1.49 0.00	70.61 1.45 0.00	67.46 1.39 0.00	63.81 1.31 0.00	60.83 1.25 0.00	60.08 1.12 0.00	56.63 0.95 0.00
MARSHVLE_115KV_TB1 80742	47.33 1.60 0.00	43.12 1.30 0.00	40.05 1.20 0.00	39.37 1.15 0.00	39.39 1.18 0.00	44.37 1.67 0.00	55.11 2.27 0.00	61.36 2.53 0.00	60.86 2.11 0.00	57.11 1.17 0.00	56.37 0.72 0.00	54.50 0.54 0.00	52.42 0.31 0.00	55.53 0.39 0.00	59.92 0.59 0.00	62.48 1.70 0.00	71.34 2.81 0.00	86.32 3.88 0.00	72.68 3.53 0.00	69.44 3.37 0.00	65.62 3.12 0.00	62.67 3.10 0.00	61.91 2.95 0.00	58.24 2.56 0.00
MARSH_HILL_WT_PWR 323713	41.38 -4.34 0.00	38.02 -3.81 0.00	35.42 -3.42 0.00	35.09 -3.13 0.00	35.22 -2.98 0.00	38.78 -3.93 0.00	48.13 -4.70 0.00	53.60 -5.24 0.00	54.10 -4.64 0.00	52.86 -3.08 0.00	52.92 -2.73 0.00	51.70 -2.26 0.00	49.82 -2.29 0.00	53.21 -1.93 0.00	57.90 -1.42 0.00	59.69 -1.09 0.00	67.84 -0.69 0.00	81.54 -0.91 0.00	67.56 -1.59 0.00	64.82 -1.26 0.00	60.56 -1.94 0.00	57.13 -2.45 0.00	56.66 -2.30 0.00	54.40 -1.28 0.00
MCINTYRE_115KV_TB2 80467	47.42 1.69 0.00	43.42 1.59 0.00	40.28 1.44 0.00	39.52 1.30 0.00	39.58 1.38 0.00	44.24 1.54 0.00	54.84 2.01 0.00	61.25 2.41 0.00	60.97 2.23 0.00	57.78 1.85 0.00	57.54 1.89 0.00	55.74 1.78 0.00	54.09 1.98 0.00	57.07 1.93 0.00	61.52 2.20 0.00	63.21 2.43 0.00	71.41 2.88 0.00	85.58 3.13 0.00	71.78 2.63 0.00	68.91 2.84 0.00	65.50 3.00 0.00	62.50 2.92 0.00	61.79 2.83 0.00	58.19 2.51 0.00
MECO_____69_KV_BK1 80468	48.47 2.74 0.00	44.17 2.34 0.00	40.98 2.14 0.00	40.32 2.10 0.00	40.34 2.14 0.00	45.44 2.73 0.00	56.43 3.59 0.00	62.89 4.06 0.00	62.33 3.58 0.00	58.45 2.52 0.00	57.65 2.00 0.00	55.63 1.67 0.00	53.41 1.30 0.00	56.63 1.49 0.00	61.23 1.90 0.00	64.00 3.22 0.00	72.98 4.45 0.00	88.39 5.94 0.00	74.48 5.32 0.00	71.16 5.09 0.00	67.31 4.81 0.00	64.16 4.59 0.00	63.44 4.48 0.00	59.64 3.95 0.00
MENANDS___115KV_TB5 355628	47.42 1.69 0.00	43.29 1.46 0.00	40.20 1.36 0.00	39.56 1.34 0.00	39.50 1.30 0.00	44.29 1.58 0.00	54.74 1.90 0.00	60.36 1.53 0.00	60.27 1.53 0.00	57.33 1.40 0.00	56.98 1.34 0.00	55.26 1.30 0.00	53.31 1.20 0.00	56.35 1.21 0.00	60.57 1.25 0.00	62.11 1.34 0.00	69.63 1.10 0.00	83.85 1.40 0.00	70.53 1.38 0.00	67.39 1.32 0.00	63.87 1.37 0.00	60.95 1.37 0.00	60.49 1.53 0.00	57.24 1.56 0.00
MG INDUSTRY___DRP 24185	47.42 1.69 0.00	43.25 1.42 0.00	40.20 1.36 0.00	39.52 1.30 0.00	39.46 1.26 0.00	44.20 1.49 0.00	54.63 1.80 0.00	60.42 1.59 0.00	60.27 1.53 0.00	57.22 1.29 0.00	56.82 1.17 0.00	55.04 1.08 0.00	53.10 0.99 0.00	56.19 1.05 0.00	60.45 1.13 0.00	62.05 1.28 0.00	69.76 1.23 0.00	84.02 1.57 0.00	70.67 1.52 0.00	67.53 1.45 0.00	63.93 1.44 0.00	61.07 1.49 0.00	60.61 1.65 0.00	57.30 1.61 0.00

MID___OSWEGATCHIE_HYD 23849	46.05 0.32 0.00	42.16 0.33 0.00	39.08 0.23 0.00	38.34 0.11 0.00	38.40 0.19 0.00	42.79 0.09 0.00	53.15 0.32 0.00	59.36 0.53 0.00	59.15 0.41 0.00	55.99 0.06 0.00	55.82 0.17 0.00	54.28 0.32 0.00	52.68 0.57 0.00	55.86 0.72 0.00	60.28 0.95 0.00	62.11 1.34 0.00	69.90 1.37 0.00	83.85 1.40 0.00	70.26 1.11 0.00	67.26 1.19 0.00	63.87 1.37 0.00	60.95 1.37 0.00	60.38 1.42 0.00	56.74 1.06 0.00
MID___RAQUETTE_HYD 23851	46.73 1.01 0.00	42.79 0.96 0.00	39.70 0.85 0.00	38.99 0.76 0.00	39.01 0.80 0.00	43.56 0.85 0.00	54.00 1.16 0.00	60.25 1.41 0.00	60.03 1.29 0.00	57.00 1.06 0.00	56.76 1.11 0.00	55.09 1.13 0.00	53.41 1.30 0.00	56.35 1.21 0.00	60.75 1.42 0.00	62.36 1.58 0.00	70.17 1.64 0.00	83.85 1.40 0.00	70.26 1.11 0.00	67.46 1.39 0.00	64.25 1.75 0.00	61.48 1.91 0.00	60.85 1.89 0.00	57.30 1.61 0.00
MILLIKEN___1 23584	45.77 0.05 0.00	41.87 0.04 0.00	38.84 0.00 0.00	38.26 0.04 0.00	38.28 0.08 0.00	42.71 0.00 0.00	52.94 0.11 0.00	59.01 0.18 0.00	58.98 0.23 0.00	56.32 0.39 0.00	55.98 0.33 0.00	54.23 0.27 0.00	52.32 0.21 0.00	55.42 0.28 0.00	59.74 0.42 0.00	61.39 0.61 0.00	69.56 1.03 0.00	83.69 1.24 0.00	69.98 0.83 0.00	66.67 0.59 0.00	63.00 0.50 0.00	59.87 0.30 0.00	59.14 0.18 0.00	55.85 0.17 0.00
MILLIKEN___2 23585	45.77 0.05 0.00	41.87 0.04 0.00	38.84 0.00 0.00	38.26 0.04 0.00	38.28 0.08 0.00	42.71 0.00 0.00	52.94 0.11 0.00	59.01 0.18 0.00	58.98 0.23 0.00	56.32 0.39 0.00	55.98 0.33 0.00	54.23 0.27 0.00	52.32 0.21 0.00	55.42 0.28 0.00	59.74 0.42 0.00	61.39 0.61 0.00	69.56 1.03 0.00	83.69 1.24 0.00	69.98 0.83 0.00	66.67 0.59 0.00	63.00 0.50 0.00	59.87 0.30 0.00	59.14 0.18 0.00	55.85 0.17 0.00
MILLIKEN___DIESEL 23629	45.77 0.05 0.00	41.87 0.04 0.00	38.84 0.00 0.00	38.26 0.04 0.00	38.28 0.08 0.00	42.71 0.00 0.00	52.94 0.11 0.00	59.01 0.18 0.00	58.98 0.23 0.00	56.32 0.39 0.00	55.98 0.33 0.00	54.23 0.27 0.00	52.32 0.21 0.00	55.42 0.28 0.00	59.74 0.42 0.00	61.39 0.61 0.00	69.56 1.03 0.00	83.69 1.24 0.00	69.98 0.83 0.00	66.67 0.59 0.00	63.00 0.50 0.00	59.87 0.30 0.00	59.14 0.18 0.00	55.85 0.17 0.00
MILLSEAT___LFGE 323607	42.25 -3.48 0.00	39.02 -2.80 0.00	36.36 -2.49 0.00	36.04 -2.18 0.00	36.10 -2.10 0.00	39.08 -3.63 0.00	47.76 -5.07 0.00	52.95 -5.88 0.00	53.34 -5.40 0.00	52.24 -3.69 0.00	52.14 -3.50 0.00	50.78 -3.18 0.00	48.31 -3.80 0.00	51.34 -3.80 0.00	56.24 -3.09 0.00	57.44 -3.34 0.00	64.83 -3.70 0.00	77.83 -4.62 0.00	64.24 -4.91 0.00	61.84 -4.23 0.00	57.75 -4.75 0.00	54.57 -5.00 0.00	54.24 -4.72 0.00	53.62 -2.06 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.65 1.92 0.00	43.50 1.67 0.00	40.44 1.59 0.00	39.79 1.57 0.00	39.66 1.45 0.00	44.50 1.79 0.00	55.21 2.38 0.00	61.72 2.88 0.00	61.68 2.94 0.00	58.56 2.63 0.00	58.10 2.45 0.00	56.28 2.32 0.00	54.46 2.34 0.00	57.51 2.37 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.93 2.40 0.00	85.58 3.13 0.00	72.06 2.90 0.00	68.72 2.64 0.00	64.87 2.37 0.00	61.96 2.38 0.00	61.44 2.48 0.00	57.91 2.23 0.00
MILLWOOD_13_KV_LOAD 356217	47.74 2.01 0.00	43.58 1.76 0.00	40.51 1.67 0.00	39.87 1.64 0.00	39.69 1.49 0.00	44.58 1.88 0.00	55.26 2.43 0.00	61.83 3.00 0.00	61.80 3.05 0.00	58.67 2.74 0.00	58.21 2.56 0.00	56.39 2.43 0.00	54.56 2.45 0.00	57.62 2.48 0.00	61.88 2.55 0.00	63.09 2.31 0.00	71.13 2.60 0.00	85.83 3.38 0.00	72.26 3.11 0.00	68.91 2.84 0.00	65.00 2.50 0.00	62.14 2.56 0.00	61.55 2.59 0.00	58.02 2.34 0.00
MODEL_CITY_ENERGY 24167	41.06 -4.66 0.00	38.02 -3.81 0.00	35.50 -3.34 0.00	35.20 -3.02 0.00	35.30 -2.91 0.00	37.75 -4.95 0.00	45.86 -6.98 0.00	50.60 -8.24 0.00	51.11 -7.64 0.00	50.34 -5.59 0.00	50.25 -5.40 0.00	48.94 -5.02 0.00	46.54 -5.57 0.00	49.51 -5.62 0.00	54.34 -4.98 0.00	55.31 -5.47 0.00	62.23 -6.30 0.00	74.61 -7.83 0.00	61.41 -7.74 0.00	59.27 -6.80 0.00	55.25 -7.25 0.00	52.37 -7.21 0.00	52.24 -6.72 0.00	52.18 -3.51 0.00
MODERN_LFGE___ 323580	41.06 -4.66 0.00	38.02 -3.81 0.00	35.50 -3.34 0.00	35.20 -3.02 0.00	35.30 -2.91 0.00	37.75 -4.95 0.00	45.86 -6.98 0.00	50.60 -8.24 0.00	51.11 -7.64 0.00	50.34 -5.59 0.00	50.25 -5.40 0.00	48.94 -5.02 0.00	46.54 -5.57 0.00	49.51 -5.62 0.00	54.34 -4.98 0.00	55.31 -5.47 0.00	62.23 -6.30 0.00	74.61 -7.83 0.00	61.41 -7.74 0.00	59.27 -6.80 0.00	55.25 -7.25 0.00	52.37 -7.21 0.00	52.24 -6.72 0.00	52.18 -3.51 0.00
MOHAWK_PAPER___DRP 24187	47.55 1.83 0.00	43.37 1.55 0.00	40.32 1.48 0.00	39.67 1.45 0.00	39.62 1.41 0.00	44.37 1.67 0.00	54.89 2.06 0.00	60.72 1.88 0.00	60.62 1.88 0.00	57.55 1.62 0.00	57.26 1.61 0.00	55.47 1.51 0.00	53.52 1.41 0.00	56.63 1.49 0.00	60.81 1.48 0.00	62.42 1.64 0.00	70.11 1.58 0.00	84.43 1.98 0.00	70.95 1.80 0.00	67.79 1.72 0.00	64.25 1.75 0.00	61.36 1.79 0.00	60.79 1.83 0.00	57.52 1.84 0.00
MOHICAN___35_KV_115KV_LD 80490	47.92 2.19 0.00	43.75 1.92 0.00	40.59 1.75 0.00	39.94 1.72 0.00	39.92 1.72 0.00	44.88 2.18 0.00	55.53 2.69 0.00	61.95 3.12 0.00	61.74 3.00 0.00	58.45 2.52 0.00	57.93 2.28 0.00	56.01 2.05 0.00	53.78 1.67 0.00	56.96 1.82 0.00	61.29 1.96 0.00	63.33 2.55 0.00	71.48 2.95 0.00	86.41 3.96 0.00	72.75 3.60 0.00	69.51 3.44 0.00	65.75 3.25 0.00	62.62 3.04 0.00	62.03 3.07 0.00	58.41 2.73 0.00
MONGAUP___HYD 23641	47.78 2.06 0.00	43.54 1.72 0.00	40.44 1.59 0.00	39.67 1.45 0.00	39.62 1.41 0.00	44.50 1.79 0.00	54.84 2.01 0.00	61.36 2.53 0.00	61.32 2.58 0.00	58.00 2.07 0.00	57.43 1.78 0.00	55.58 1.62 0.00	53.78 1.67 0.00	56.96 1.82 0.00	61.23 1.90 0.00	62.78 2.00 0.00	71.07 2.54 0.00	85.99 3.54 0.00	72.12 2.97 0.00	68.91 2.84 0.00	65.18 2.69 0.00	62.14 2.56 0.00	61.44 2.48 0.00	57.52 1.83 0.00
MONTAUK___DIESEL 23721	49.38 3.66 0.00	44.75 2.93 0.00	41.52 2.68 0.00	40.67 2.45 0.00	40.38 2.18 0.00	46.17 3.46 0.00	57.55 4.70 -0.02	63.79 4.94 -0.02	63.50 4.76 0.00	59.40 3.47 0.00	59.27 3.62 0.00	57.31 3.35 0.00	55.39 3.28 0.00	58.61 3.47 0.00	63.24 3.92 0.00	69.11 4.13 -4.19	85.19 5.28 -11.38	101.94 7.09 -12.40	108.74 6.78 -32.81	105.39 6.61 -32.71	91.68 6.44 -22.74	86.06 6.43 -20.05	66.00 7.02 -0.02	62.53 6.79 -0.06
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.01 -5.72 0.00	36.85 -4.98 0.00	34.18 -4.66 0.00	33.90 -4.32 0.00	34.31 -3.90 0.00	37.54 -5.17 0.00	46.44 -6.39 0.00	52.01 -6.82 0.00	52.99 -5.76 0.00	52.52 -3.41 0.00	52.87 -2.78 0.00	51.75 -2.21 0.00	49.61 -2.50 0.00	53.60 -1.54 0.00	58.20 -1.13 0.00	59.14 -1.64 0.00	66.95 -1.58 0.00	80.31 -2.14 0.00	65.90 -3.25 0.00	62.57 -3.50 0.00	59.31 -3.19 0.00	55.47 -4.11 0.00	54.66 -4.30 0.00	52.23 -3.45 0.00

MORRIS_RIDGE___SOLAR 323848	41.66 -4.07 0.00	38.36 -3.47 0.00	35.77 -3.07 0.00	35.47 -2.75 0.00	35.57 -2.64 0.00	38.95 -3.76 0.00	48.08 -4.76 0.00	53.36 -5.47 0.00	53.81 -4.93 0.00	52.52 -3.41 0.00	52.53 -3.12 0.00	51.21 -2.75 0.00	49.09 -3.02 0.00	52.22 -2.92 0.00	56.78 -2.55 0.00	58.34 -2.43 0.00	66.13 -2.40 0.00	79.40 -3.05 0.00	65.70 -3.46 0.00	63.10 -2.97 0.00	59.06 -3.44 0.00	55.83 -3.75 0.00	55.48 -3.48 0.00	53.85 -1.84 0.00
MORTIMER_115KV_TB3 55949	43.12 -2.61 0.00	39.61 -2.22 0.00	36.63 -2.21 0.00	36.12 -2.10 0.00	36.33 -1.87 0.00	40.19 -2.52 0.00	49.29 -3.54 0.00	54.95 -3.88 0.00	55.16 -3.58 0.00	53.36 -2.57 0.00	53.26 -2.39 0.00	51.75 -2.21 0.00	49.66 -2.45 0.00	52.88 -2.26 0.00	57.07 -2.25 0.00	58.16 -2.61 0.00	65.79 -2.74 0.00	78.99 -3.46 0.00	65.49 -3.67 0.00	62.31 -3.77 0.00	59.06 -3.44 0.00	56.00 -3.57 0.00	55.25 -3.71 0.00	52.51 -3.17 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	47.97 2.24 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.13 3.29 0.00	62.09 3.35 0.00	59.07 3.13 0.00	58.49 2.84 0.00	56.66 2.70 0.00	54.87 2.76 0.00	57.90 2.76 0.00	62.06 2.73 0.00	63.27 2.49 0.00	71.27 2.74 0.00	85.99 3.55 0.00	72.47 3.32 0.00	69.11 3.04 0.00	65.18 2.69 0.00	62.26 2.68 0.00	61.79 2.83 0.00	58.30 2.62 0.00
MUNSVILLE_WIND_PWR 323609	46.91 1.19 0.00	43.00 1.17 0.00	39.74 0.89 0.00	39.03 0.80 0.00	39.08 0.88 0.00	43.86 1.15 0.00	54.63 1.80 0.00	61.36 2.53 0.00	61.09 2.35 0.00	57.84 1.90 0.00	57.65 2.00 0.00	55.69 1.73 0.00	54.25 2.14 0.00	57.62 2.48 0.00	62.89 3.56 0.00	65.21 4.43 0.00	74.49 5.96 0.00	90.03 7.58 0.00	75.38 6.23 0.00	71.82 5.75 0.00	67.50 5.00 0.00	64.05 4.47 0.00	63.15 4.19 0.00	59.64 3.95 0.00
N SALMON___HYD 24042	47.10 1.37 0.00	43.12 1.30 0.00	40.01 1.16 0.00	39.25 1.03 0.00	39.35 1.15 0.00	43.95 1.24 0.00	54.57 1.74 0.00	60.83 2.00 0.00	60.74 2.00 0.00	57.78 1.84 0.00	57.54 1.89 0.00	55.80 1.84 0.00	54.09 1.98 0.00	56.90 1.76 0.00	61.28 1.95 0.00	62.90 2.13 0.00	71.54 3.01 0.00	85.58 3.13 0.00	71.92 2.77 0.00	68.78 2.71 0.00	65.12 2.62 0.00	62.08 2.50 0.00	61.26 2.30 0.00	57.68 2.00 0.00
N.AKRON___115KV_KNAPP 355671	42.16 -3.57 0.00	38.90 -2.93 0.00	35.93 -2.91 0.00	35.51 -2.71 0.00	35.84 -2.37 0.00	38.95 -3.76 0.00	47.34 -5.49 0.00	52.77 -6.06 0.00	53.16 -5.58 0.00	52.07 -3.86 0.00	52.03 -3.62 0.00	50.67 -3.29 0.00	48.41 -3.70 0.00	52.00 -3.14 0.00	56.24 -3.09 0.00	57.13 -3.65 0.00	64.62 -3.91 0.00	77.58 -4.86 0.00	63.76 -5.39 0.00	60.59 -5.48 0.00	57.56 -4.94 0.00	54.45 -5.12 0.00	53.77 -5.19 0.00	51.67 -4.01 0.00
N.E._GEN_SANDY PD 24062	93.99 1.92 -46.35	91.47 1.67 -47.97	83.29 1.56 -42.89	71.01 1.53 -31.26	81.80 1.45 -42.14	90.00 1.84 -45.46	85.36 2.22 -30.31	95.07 2.41 -33.82	88.17 2.41 -27.02	79.27 2.18 -21.16	79.00 2.17 -21.18	71.02 2.05 -15.01	62.40 2.03 -8.26	65.20 2.15 -7.91	67.50 2.13 -6.04	76.80 2.07 -13.95	90.00 1.92 -19.55	96.80 2.56 -11.79	90.00 2.21 -18.64	87.00 2.05 -18.88	85.20 2.19 -20.52	83.00 2.21 -21.22	79.00 2.24 -17.80	75.20 1.95 -17.57
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	47.46 1.74 0.00	43.33 1.51 0.00	40.32 1.48 0.00	39.67 1.45 0.00	39.50 1.30 0.00	44.33 1.62 0.00	54.89 2.06 0.00	61.42 2.59 0.00	61.33 2.58 0.00	58.28 2.35 0.00	57.76 2.11 0.00	55.96 2.00 0.00	54.14 2.03 0.00	57.29 2.15 0.00	61.52 2.20 0.00	62.72 1.94 0.00	70.65 2.12 0.00	85.17 2.72 0.00	71.78 2.63 0.00	68.45 2.38 0.00	64.56 2.06 0.00	61.72 2.14 0.00	61.14 2.18 0.00	57.63 1.95 0.00
N.QUEENS_27_KV_LOAD 356247	48.01 2.29 0.00	43.79 1.97 0.00	40.75 1.90 0.00	40.06 1.83 0.00	39.88 1.68 0.00	44.58 1.88 0.00	55.37 2.54 0.00	61.83 3.00 0.00	61.80 3.05 0.00	58.84 2.91 0.00	58.15 2.50 0.00	56.50 2.54 0.00	54.72 2.61 0.00	57.62 2.48 0.00	61.70 2.37 0.00	62.78 2.01 0.00	70.65 2.12 0.00	85.17 2.72 0.00	71.92 2.77 0.00	68.52 2.44 0.00	64.68 2.19 0.00	61.84 2.26 0.00	61.38 2.42 0.00	58.13 2.45 0.00
N.TROY___115KV_TB1 355778	47.55 1.83 0.00	43.42 1.59 0.00	40.32 1.48 0.00	39.67 1.45 0.00	39.66 1.45 0.00	44.46 1.75 0.00	55.00 2.17 0.00	61.07 2.24 0.00	60.97 2.23 0.00	57.95 2.01 0.00	57.54 1.89 0.00	55.74 1.78 0.00	53.78 1.67 0.00	56.90 1.76 0.00	61.17 1.84 0.00	62.78 2.01 0.00	70.59 2.06 0.00	85.17 2.72 0.00	71.57 2.42 0.00	68.39 2.31 0.00	64.68 2.19 0.00	61.72 2.14 0.00	61.14 2.18 0.00	57.85 2.17 0.00
NARROWS_GT1_1 24228	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NARROWS_GT1_2 24229	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NARROWS_GT1_3 24230	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NARROWS_GT1_4 24231	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NARROWS_GT1_5 24232	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00

NARROWS_GT1_6 24233	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NARROWS_GT1_7 24234	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NARROWS_GT1_8 24235	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NARROWS_GT2_1 24236	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NARROWS_GT2_2 24237	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NARROWS_GT2_3 24238	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NARROWS_GT2_4 24239	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NARROWS_GT2_5 24240	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NARROWS_GT2_6 24241	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NARROWS_GT2_7 24242	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NARROWS_GT2_8 24243	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	48.42 2.70 0.00	44.04 2.22 0.00	40.94 2.10 0.00	40.21 1.99 0.00	40.15 1.95 0.00	45.01 2.31 0.00	55.42 2.59 0.00	61.13 2.29 0.00	61.03 2.29 0.00	57.61 1.68 0.00	57.04 1.39 0.00	55.15 1.19 0.00	53.20 1.09 0.00	56.24 1.10 0.00	60.57 1.25 0.00	62.72 1.94 0.00	70.86 2.33 0.00	85.25 2.80 0.00	71.85 2.70 0.00	68.78 2.71 0.00	65.12 2.62 0.00	62.14 2.56 0.00	61.55 2.59 0.00	58.08 2.39 0.00
NCHELSEA_115KV_TR2 355582	48.01 2.29 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.32 2.48 0.00	61.89 3.06 0.00	61.91 3.17 0.00	58.67 2.74 0.00	58.15 2.50 0.00	56.28 2.32 0.00	54.46 2.34 0.00	57.51 2.37 0.00	61.82 2.49 0.00	63.33 2.55 0.00	71.48 2.95 0.00	86.08 3.63 0.00	72.54 3.39 0.00	69.24 3.17 0.00	65.31 2.81 0.00	62.44 2.86 0.00	61.79 2.83 0.00	58.13 2.45 0.00
NEG CAPITAL____MECHNVIL 23645	47.92 2.19 0.00	43.71 1.88 0.00	40.59 1.75 0.00	39.94 1.72 0.00	39.88 1.68 0.00	44.80 2.09 0.00	55.42 2.59 0.00	61.66 2.82 0.00	61.56 2.82 0.00	58.45 2.52 0.00	58.04 2.39 0.00	56.17 2.21 0.00	54.09 1.98 0.00	57.29 2.15 0.00	61.58 2.25 0.00	63.33 2.55 0.00	71.27 2.74 0.00	86.16 3.71 0.00	72.47 3.32 0.00	69.18 3.11 0.00	65.56 3.06 0.00	62.50 2.92 0.00	61.85 2.89 0.00	58.30 2.62 0.00
NEG CENTRAL_HIGH_ACRES 23767	42.80 -2.93 0.00	39.27 -2.55 0.00	36.51 -2.33 0.00	36.08 -2.14 0.00	36.10 -2.10 0.00	39.93 -2.78 0.00	49.24 -3.59 0.00	54.71 -4.12 0.00	54.86 -3.88 0.00	52.97 -2.97 0.00	52.75 -2.90 0.00	51.26 -2.70 0.00	49.14 -2.97 0.00	51.89 -3.25 0.00	56.30 -3.02 0.00	57.74 -3.04 0.00	65.17 -3.36 0.00	78.33 -4.12 0.00	65.14 -4.01 0.00	62.44 -3.63 0.00	58.62 -3.87 0.00	55.64 -3.93 0.00	55.13 -3.83 0.00	52.96 -2.73 0.00

NEG CENTRAL___DRP 24199	44.63 -1.10 0.00	40.82 -1.00 0.00	37.87 -0.97 0.00	37.34 -0.88 0.00	37.44 -0.76 0.00	41.68 -1.02 0.00	51.51 -1.32 0.00	57.19 -1.65 0.00	57.27 -1.47 0.00	54.98 -0.95 0.00	54.81 -0.83 0.00	53.15 -0.81 0.00	51.28 -0.83 0.00	54.31 -0.83 0.00	58.44 -0.89 0.00	59.81 -0.97 0.00	67.78 -0.75 0.00	81.46 -0.99 0.00	67.98 -1.18 0.00	64.75 -1.32 0.00	61.12 -1.37 0.00	58.15 -1.43 0.00	57.43 -1.53 0.00	54.46 -1.23 0.00
NEG CENTRAL___INDECK 23768	44.12 -1.60 0.00	40.53 -1.30 0.00	37.68 -1.16 0.00	37.27 -0.95 0.00	37.36 -0.84 0.00	41.21 -1.50 0.00	51.09 -1.74 0.00	56.89 -1.94 0.00	57.04 -1.71 0.00	55.20 -0.73 0.00	54.87 -0.78 0.00	53.42 -0.54 0.00	51.22 -0.89 0.00	54.31 -0.83 0.00	57.07 -2.25 0.00	58.89 -1.88 0.00	66.88 -1.65 0.00	80.56 -1.89 0.00	66.87 -2.28 0.00	64.09 -1.98 0.00	60.00 -2.50 0.00	56.66 -2.92 0.00	58.08 -0.88 0.00	56.02 0.34 0.00
NEG CENTRAL___SENECA 23627	44.44 -1.28 0.00	40.70 -1.13 0.00	37.72 -1.13 0.00	37.23 -0.99 0.00	37.36 -0.84 0.00	41.51 -1.20 0.00	51.25 -1.59 0.00	56.72 -2.12 0.00	56.86 -1.88 0.00	54.81 -1.12 0.00	54.76 -0.89 0.00	53.15 -0.81 0.00	51.28 -0.83 0.00	54.26 -0.88 0.00	58.38 -0.95 0.00	59.68 -1.09 0.00	67.71 -0.82 0.00	81.38 -1.07 0.00	67.77 -1.38 0.00	64.49 -1.59 0.00	60.94 -1.56 0.00	57.97 -1.61 0.00	57.19 -1.77 0.00	54.35 -1.34 0.00
NEG CENTRAL___STATE_STREET 24147	44.99 -0.73 0.00	41.16 -0.67 0.00	38.18 -0.66 0.00	37.65 -0.57 0.00	37.67 -0.53 0.00	42.02 -0.68 0.00	52.04 -0.79 0.00	58.01 -0.82 0.00	58.04 -0.70 0.00	55.49 -0.45 0.00	55.20 -0.45 0.00	53.48 -0.49 0.00	51.54 -0.57 0.00	54.59 -0.55 0.00	58.79 -0.53 0.00	60.29 -0.49 0.00	68.19 -0.34 0.00	82.04 -0.41 0.00	68.67 -0.48 0.00	65.41 -0.66 0.00	61.81 -0.69 0.00	58.74 -0.83 0.00	58.02 -0.94 0.00	54.79 -0.89 0.00
NEG MILLWOOD___DRP 24198	48.19 2.47 0.00	43.92 2.09 0.00	40.82 1.98 0.00	40.13 1.91 0.00	40.00 1.80 0.00	44.93 2.22 0.00	55.69 2.85 0.00	62.36 3.53 0.00	62.33 3.58 0.00	59.12 3.19 0.00	58.60 2.95 0.00	56.71 2.75 0.00	54.82 2.71 0.00	57.84 2.70 0.00	62.18 2.85 0.00	63.57 2.80 0.00	71.89 3.36 0.00	86.82 4.37 0.00	73.02 3.87 0.00	69.64 3.57 0.00	65.75 3.25 0.00	62.85 3.28 0.00	62.20 3.24 0.00	58.52 2.84 0.00
NEG NORTH_FLCN_SEA 23793	46.87 1.14 0.00	42.96 1.13 0.00	39.81 0.97 0.00	39.06 0.84 0.00	39.12 0.92 0.00	43.69 0.98 0.00	54.15 1.32 0.00	60.42 1.59 0.00	60.33 1.59 0.00	57.44 1.51 0.00	57.26 1.61 0.00	55.53 1.56 0.00	53.78 1.67 0.00	56.68 1.54 0.00	60.99 1.66 0.00	62.60 1.82 0.00	70.86 2.33 0.00	85.17 2.72 0.00	71.36 2.21 0.00	68.39 2.31 0.00	64.75 2.25 0.00	61.66 2.09 0.00	60.91 1.95 0.00	57.41 1.73 0.00
NEG NORTH_KES_CHATEGAY 23792	46.41 0.69 0.00	42.50 0.67 0.00	39.43 0.58 0.00	38.72 0.50 0.00	38.74 0.53 0.00	43.30 0.60 0.00	53.63 0.79 0.00	59.77 0.94 0.00	59.68 0.94 0.00	56.83 0.89 0.00	56.65 1.00 0.00	54.93 0.97 0.00	53.15 1.04 0.00	56.08 0.94 0.00	60.34 1.01 0.00	61.93 1.15 0.00	70.11 1.58 0.00	84.26 1.81 0.00	70.60 1.45 0.00	67.72 1.65 0.00	64.12 1.62 0.00	61.07 1.49 0.00	60.32 1.36 0.00	56.80 1.11 0.00
NEG NORTH___ALICE_FALLS 23915	47.01 1.28 0.00	43.08 1.25 0.00	39.97 1.13 0.00	39.22 0.99 0.00	39.27 1.07 0.00	43.86 1.15 0.00	54.42 1.59 0.00	60.72 1.88 0.00	60.62 1.88 0.00	57.72 1.79 0.00	57.49 1.84 0.00	55.74 1.78 0.00	53.93 1.82 0.00	56.85 1.71 0.00	61.17 1.84 0.00	62.78 2.01 0.00	71.20 2.67 0.00	85.66 3.22 0.00	71.71 2.21 0.00	68.78 2.71 0.00	65.06 2.56 0.00	61.96 2.38 0.00	61.14 2.18 0.00	57.58 1.89 0.00
NEG NORTH___LWR_SARANAC 23913	47.01 1.28 0.00	43.08 1.25 0.00	39.97 1.13 0.00	39.22 0.99 0.00	39.27 1.07 0.00	43.86 1.15 0.00	54.42 1.59 0.00	60.72 1.88 0.00	60.62 1.88 0.00	57.72 1.79 0.00	57.49 1.84 0.00	55.74 1.78 0.00	53.93 1.82 0.00	56.85 1.71 0.00	61.17 1.84 0.00	62.78 2.01 0.00	71.20 2.67 0.00	85.66 3.22 0.00	71.71 2.21 0.00	68.78 2.71 0.00	65.06 2.56 0.00	61.96 2.38 0.00	61.14 2.18 0.00	57.58 1.89 0.00
NEG NORTH___PLATTSBURG 23628	47.00 1.28 0.00	43.08 1.25 0.00	39.97 1.13 0.00	39.21 0.99 0.00	39.27 1.07 0.00	43.86 1.15 0.00	54.47 1.64 0.00	60.72 1.88 0.00	60.62 1.88 0.00	57.72 1.79 0.00	57.48 1.83 0.00	55.74 1.78 0.00	53.93 1.82 0.00	56.85 1.71 0.00	61.17 1.84 0.00	62.78 2.00 0.00	71.41 2.88 0.00	85.66 3.21 0.00	71.92 2.77 0.00	68.78 2.71 0.00	65.06 2.56 0.00	61.96 2.39 0.00	61.14 2.18 0.00	57.63 1.95 0.00
NEG WEST_LEA_LOCKPORT 23791	41.20 -4.53 0.00	38.06 -3.76 0.00	35.19 -3.65 0.00	34.78 -3.44 0.00	35.15 -3.06 0.00	38.05 -4.65 0.00	46.02 -6.82 0.00	51.24 -7.59 0.00	51.69 -7.05 0.00	50.84 -5.09 0.00	50.86 -4.79 0.00	49.54 -4.42 0.00	47.32 -4.79 0.00	50.95 -4.19 0.00	55.12 -4.21 0.00	55.85 -4.92 0.00	63.05 -5.48 0.00	75.44 -7.01 0.00	61.96 -7.19 0.00	58.87 -7.20 0.00	56.00 -6.50 0.00	53.02 -6.55 0.00	52.47 -6.49 0.00	50.56 -5.12 0.00
NEG WEST___LANCASTR 23811	42.30 -3.43 0.00	38.98 -2.84 0.00	36.12 -2.72 0.00	35.74 -2.48 0.00	36.03 -2.18 0.00	39.33 -3.37 0.00	48.24 -4.60 0.00	53.60 -5.24 0.00	54.10 -4.64 0.00	53.08 -2.85 0.00	53.14 -2.50 0.00	51.80 -2.16 0.00	49.56 -2.55 0.00	53.38 -1.76 0.00	57.79 -1.54 0.00	58.71 -2.07 0.00	66.41 -2.12 0.00	79.56 -2.89 0.00	65.42 -3.73 0.00	62.31 -3.77 0.00	59.12 -3.37 0.00	55.76 -3.81 0.00	55.13 -3.83 0.00	52.90 -2.78 0.00
NEG_PENN_ALLEGHNY 23528	45.08 -0.64 0.00	41.33 -0.50 0.00	38.38 -0.46 0.00	37.84 -0.38 0.00	37.86 -0.34 0.00	42.07 -0.64 0.00	52.09 -0.74 0.00	58.01 -0.82 0.00	58.04 -0.70 0.00	55.60 -0.33 0.00	55.32 -0.33 0.00	53.64 -0.32 0.00	51.69 -0.42 0.00	54.76 -0.38 0.00	59.15 -0.18 0.00	60.66 -0.12 0.00	68.46 -0.07 0.00	82.37 -0.08 0.00	68.74 -0.41 0.00	65.74 -0.33 0.00	62.00 -0.50 0.00	58.92 -0.65 0.00	58.31 -0.65 0.00	55.46 -0.22 0.00
NEG___GEN_MONROE 24207	43.03 -2.70 0.00	39.53 -2.30 0.00	36.63 -2.21 0.00	36.12 -2.10 0.00	36.33 -1.87 0.00	40.14 -2.56 0.00	49.08 -3.75 0.00	54.66 -4.18 0.00	54.87 -3.88 0.00	53.14 -2.80 0.00	52.98 -2.67 0.00	51.53 -2.43 0.00	49.40 -2.71 0.00	52.66 -2.48 0.00	56.90 -2.43 0.00	57.98 -2.80 0.00	65.58 -2.95 0.00	78.82 -3.63 0.00	65.35 -3.80 0.00	62.17 -3.90 0.00	58.94 -3.56 0.00	55.88 -3.69 0.00	55.07 -3.89 0.00	52.62 -3.06 0.00
NEPA___ENERGY 23901	41.61 -4.12 0.00	38.35 -3.47 0.00	35.54 -3.30 0.00	35.20 -3.02 0.00	35.45 -2.75 0.00	38.78 -3.93 0.00	47.55 -5.28 0.00	52.83 -6.00 0.00	53.40 -5.35 0.00	52.35 -3.58 0.00	52.37 -3.28 0.00	51.05 -2.91 0.00	48.88 -3.23 0.00	52.55 -2.59 0.00	56.95 -2.37 0.00	57.92 -2.86 0.00	65.45 -3.08 0.00	78.49 -3.96 0.00	64.59 -4.56 0.00	61.45 -4.63 0.00	58.31 -4.19 0.00	54.99 -4.59 0.00	54.30 -4.66 0.00	52.06 -3.62 0.00

NEVERSINK___HYD 23608	48.10 2.38 0.00	43.79 1.97 0.00	40.67 1.83 0.00	39.94 1.72 0.00	39.85 1.64 0.00	44.80 2.09 0.00	55.21 2.38 0.00	61.89 3.06 0.00	61.91 3.17 0.00	58.56 2.63 0.00	57.99 2.34 0.00	56.06 2.10 0.00	54.30 2.19 0.00	57.51 2.37 0.00	61.82 2.49 0.00	63.39 2.61 0.00	71.68 3.15 0.00	86.65 4.20 0.00	72.68 3.52 0.00	69.51 3.43 0.00	65.68 3.19 0.00	62.67 3.10 0.00	61.97 3.01 0.00	58.02 2.34 0.00
NEWKRMKL_115KV_TB1 55635	47.42 1.69 0.00	43.25 1.42 0.00	40.20 1.36 0.00	39.56 1.34 0.00	39.50 1.30 0.00	44.24 1.54 0.00	54.68 1.85 0.00	60.13 1.29 0.00	59.98 1.23 0.00	57.00 1.06 0.00	56.71 1.06 0.00	54.93 0.97 0.00	53.00 0.89 0.00	56.08 0.94 0.00	60.22 0.89 0.00	61.75 0.97 0.00	69.22 0.69 0.00	83.36 0.91 0.00	70.05 0.90 0.00	67.00 0.93 0.00	63.56 1.06 0.00	60.65 1.07 0.00	60.20 1.24 0.00	56.96 1.28 0.00
NEWTON___FALLS_HYD 23847	46.05 0.32 0.00	42.16 0.33 0.00	39.08 0.23 0.00	38.34 0.11 0.00	38.40 0.19 0.00	42.79 0.09 0.00	53.15 0.32 0.00	59.36 0.53 0.00	59.15 0.41 0.00	55.99 0.06 0.00	55.82 0.17 0.00	54.28 0.32 0.00	52.68 0.57 0.00	55.86 0.72 0.00	60.28 0.95 0.00	62.11 1.34 0.00	69.90 1.37 0.00	83.85 1.40 0.00	70.26 1.11 0.00	67.26 1.19 0.00	63.87 1.37 0.00	60.95 1.37 0.00	60.38 1.42 0.00	56.74 1.06 0.00
NGRID_A1_DSASP 323792	40.19 -5.53 0.00	37.14 -4.68 0.00	34.26 -4.58 0.00	33.86 -4.36 0.00	34.23 -3.97 0.00	37.32 -5.38 0.00	45.07 -7.77 0.00	50.07 -8.77 0.00	50.52 -8.22 0.00	49.72 -6.21 0.00	49.75 -5.90 0.00	48.46 -5.50 0.00	46.22 -5.89 0.00	49.85 -5.29 0.00	53.87 -5.46 0.00	54.52 -6.26 0.00	61.40 -7.13 0.00	73.46 -8.99 0.00	60.30 -8.85 0.00	57.28 -8.79 0.00	54.56 -7.94 0.00	51.71 -7.86 0.00	51.30 -7.66 0.00	49.17 -6.51 0.00
NGRID_A2_DSASP 323793	40.19 -5.53 0.00	37.14 -4.68 0.00	34.26 -4.58 0.00	33.86 -4.36 0.00	34.23 -3.97 0.00	37.32 -5.38 0.00	45.07 -7.77 0.00	50.07 -8.77 0.00	50.52 -8.22 0.00	49.72 -6.21 0.00	49.75 -5.90 0.00	48.46 -5.50 0.00	46.22 -5.89 0.00	49.85 -5.29 0.00	53.87 -5.46 0.00	54.52 -6.26 0.00	61.40 -7.13 0.00	73.46 -8.99 0.00	60.30 -8.85 0.00	57.28 -8.79 0.00	54.56 -7.94 0.00	51.71 -7.86 0.00	51.30 -7.66 0.00	49.17 -6.51 0.00
NGRID_A4_DSASP 323807	40.19 -5.53 0.00	37.14 -4.68 0.00	34.26 -4.58 0.00	33.86 -4.36 0.00	34.23 -3.97 0.00	37.32 -5.38 0.00	45.07 -7.77 0.00	50.07 -8.77 0.00	50.52 -8.22 0.00	49.72 -6.21 0.00	49.75 -5.90 0.00	48.46 -5.50 0.00	46.22 -5.89 0.00	49.85 -5.29 0.00	53.87 -5.46 0.00	54.52 -6.26 0.00	61.40 -7.13 0.00	73.46 -8.99 0.00	60.30 -8.85 0.00	57.28 -8.79 0.00	54.56 -7.94 0.00	51.71 -7.86 0.00	51.30 -7.66 0.00	49.17 -6.51 0.00
NIAGARA_115E_LBMP 323715	40.92 -4.80 0.00	37.94 -3.89 0.00	35.42 -3.42 0.00	35.13 -3.09 0.00	35.19 -3.02 0.00	37.58 -5.13 0.00	45.54 -7.29 0.00	50.24 -8.59 0.00	50.75 -7.99 0.00	50.00 -5.93 0.00	49.92 -5.73 0.00	48.62 -5.34 0.00	46.22 -5.89 0.00	49.18 -5.96 0.00	53.99 -5.34 0.00	54.94 -5.83 0.00	61.74 -6.79 0.00	74.04 -8.41 0.00	60.92 -8.23 0.00	58.80 -7.27 0.00	54.87 -7.63 0.00	52.01 -7.57 0.00	51.88 -7.08 0.00	51.95 -3.73 0.00
NIAGARA_115W_LBMP 323714	40.10 -5.63 0.00	37.10 -4.73 0.00	34.69 -4.16 0.00	34.40 -3.82 0.00	34.46 -3.74 0.00	37.24 -5.47 0.00	45.28 -7.56 0.00	49.95 -8.89 0.00	50.40 -8.34 0.00	49.67 -6.26 0.00	49.58 -6.06 0.00	48.35 -5.61 0.00	45.91 -6.20 0.00	48.85 -6.29 0.00	53.63 -5.70 0.00	54.58 -6.20 0.00	61.26 -7.27 0.00	73.38 -9.07 0.00	60.37 -8.78 0.00	58.28 -7.80 0.00	54.37 -8.12 0.00	51.59 -7.98 0.00	51.53 -7.43 0.00	51.01 -4.68 0.00
NIAGARA_230_LBMP 323716	40.92 -4.80 0.00	37.85 -3.97 0.00	35.31 -3.53 0.00	35.01 -3.21 0.00	35.07 -3.13 0.00	37.96 -4.74 0.00	46.23 -6.61 0.00	51.01 -7.82 0.00	51.46 -7.29 0.00	50.62 -5.31 0.00	50.53 -5.12 0.00	49.21 -4.75 0.00	46.79 -5.32 0.00	49.79 -5.35 0.00	54.58 -4.75 0.00	55.55 -5.23 0.00	62.36 -6.17 0.00	74.78 -7.67 0.00	61.62 -7.54 0.00	59.40 -6.67 0.00	55.44 -7.06 0.00	52.61 -6.97 0.00	52.54 -6.43 0.00	51.89 -3.79 0.00
NIAGARA___115KV_198_GIBSON 55903	40.10 -5.62 0.00	37.06 -4.77 0.00	34.22 -4.62 0.00	33.83 -4.40 0.00	34.15 -4.05 0.00	37.24 -5.47 0.00	44.96 -7.87 0.00	49.95 -8.88 0.00	50.40 -8.34 0.00	49.61 -6.32 0.00	49.64 -6.01 0.00	48.35 -5.61 0.00	46.12 -5.99 0.00	49.68 -5.46 0.00	53.75 -5.58 0.00	54.40 -6.38 0.00	61.27 -7.26 0.00	73.30 -9.15 0.00	60.09 -9.06 0.00	57.15 -8.92 0.00	54.37 -8.12 0.00	51.59 -7.98 0.00	51.18 -7.78 0.00	49.06 -6.63 0.00
NIAGARA___ 23760	40.92 -4.80 0.00	37.85 -3.97 0.00	35.31 -3.53 0.00	35.01 -3.21 0.00	35.07 -3.13 0.00	37.96 -4.74 0.00	46.23 -6.61 0.00	51.01 -7.82 0.00	51.46 -7.29 0.00	50.62 -5.31 0.00	50.53 -5.12 0.00	49.21 -4.75 0.00	46.79 -5.32 0.00	49.79 -5.35 0.00	54.58 -4.75 0.00	55.55 -5.23 0.00	62.36 -6.17 0.00	74.78 -7.67 0.00	61.62 -7.54 0.00	59.40 -6.67 0.00	55.44 -7.06 0.00	52.61 -6.97 0.00	52.54 -6.43 0.00	51.89 -3.79 0.00
NINE_MILE_1 23575	43.76 -1.96 0.00	40.11 -1.72 0.00	37.25 -1.59 0.00	36.73 -1.49 0.00	36.71 -1.49 0.00	40.91 -1.79 0.00	50.56 -2.27 0.00	56.25 -2.59 0.00	56.22 -2.52 0.00	53.64 -2.30 0.00	53.42 -2.23 0.00	51.80 -2.16 0.00	49.92 -2.19 0.00	52.83 -2.31 0.00	56.89 -2.44 0.00	58.34 -2.43 0.00	65.79 -2.74 0.00	79.15 -3.30 0.00	66.25 -2.90 0.00	63.30 -2.77 0.00	59.81 -2.69 0.00	56.96 -2.62 0.00	56.37 -2.59 0.00	53.40 -2.29 0.00
NINE_MILE_2 23744	43.76 -1.96 0.00	40.11 -1.72 0.00	37.29 -1.55 0.00	36.73 -1.49 0.00	36.71 -1.49 0.00	40.91 -1.79 0.00	50.56 -2.27 0.00	56.25 -2.59 0.00	56.22 -2.52 0.00	53.64 -2.30 0.00	53.42 -2.23 0.00	51.80 -2.16 0.00	49.92 -2.19 0.00	52.83 -2.31 0.00	56.89 -2.44 0.00	58.34 -2.43 0.00	65.79 -2.74 0.00	79.15 -3.30 0.00	66.25 -2.90 0.00	63.36 -2.71 0.00	59.81 -2.69 0.00	56.96 -2.62 0.00	56.37 -2.59 0.00	53.40 -2.29 0.00
NM_CAPITAL___DRP 24208	47.37 1.65 0.00	43.25 1.42 0.00	40.20 1.36 0.00	39.52 1.30 0.00	39.46 1.26 0.00	44.24 1.54 0.00	54.68 1.85 0.00	60.25 1.41 0.00	60.15 1.41 0.00	57.16 1.23 0.00	56.87 1.22 0.00	55.09 1.13 0.00	53.15 1.04 0.00	56.24 1.10 0.00	60.40 1.07 0.00	61.93 1.15 0.00	69.49 0.96 0.00	83.69 1.24 0.00	70.33 1.18 0.00	67.20 1.12 0.00	63.75 1.25 0.00	60.83 1.25 0.00	60.32 1.36 0.00	57.13 1.45 0.00
NM_CENTRAL___DRP 24181	44.63 -1.10 0.00	40.82 -1.00 0.00	37.91 -0.93 0.00	37.34 -0.88 0.00	37.36 -0.84 0.00	41.68 -1.02 0.00	51.51 -1.32 0.00	57.36 -1.47 0.00	57.39 -1.35 0.00	54.76 -1.17 0.00	54.48 -1.17 0.00	52.83 -1.13 0.00	50.96 -1.15 0.00	53.93 -1.21 0.00	58.08 -1.25 0.00	59.50 -1.28 0.00	67.23 -1.30 0.00	80.80 -1.65 0.00	67.56 -1.59 0.00	64.42 -1.65 0.00	60.94 -1.56 0.00	57.97 -1.61 0.00	57.31 -1.65 0.00	54.18 -1.50 0.00

NM_FRONTIER___DRP 24179	40.10 -5.62 0.00	37.06 -4.77 0.00	34.22 -4.62 0.00	33.83 -4.40 0.00	34.15 -4.05 0.00	37.24 -5.47 0.00	44.96 -7.87 0.00	49.95 -8.88 0.00	50.40 -8.34 0.00	49.61 -6.32 0.00	49.64 -6.01 0.00	48.35 -5.61 0.00	46.12 -5.99 0.00	49.68 -5.46 0.00	53.75 -5.58 0.00	54.40 -6.38 0.00	61.27 -7.26 0.00	73.30 -9.15 0.00	60.09 -9.06 0.00	57.15 -8.92 0.00	54.37 -8.12 0.00	51.59 -7.98 0.00	51.18 -7.78 0.00	49.06 -6.63 0.00
NM_ST_REGIS___HYD 24053	46.87 1.14 0.00	42.91 1.09 0.00	39.81 0.97 0.00	39.06 0.84 0.00	39.12 0.92 0.00	43.69 0.98 0.00	54.15 1.32 0.00	60.48 1.65 0.00	60.27 1.53 0.00	57.22 1.29 0.00	57.04 1.39 0.00	55.31 1.35 0.00	53.62 1.51 0.00	56.57 1.43 0.00	60.93 1.60 0.00	62.54 1.76 0.00	70.52 1.99 0.00	84.35 1.90 0.00	70.67 1.52 0.00	67.86 1.78 0.00	64.56 2.06 0.00	61.66 2.09 0.00	61.02 2.06 0.00	57.41 1.73 0.00
NORTHPORT___1 23551	49.34 3.61 -0.01	44.88 3.05 0.00	41.56 2.72 0.00	40.74 2.52 0.00	40.53 2.33 0.00	46.09 3.37 -0.01	57.18 4.33 -0.02	63.96 5.12 -0.02	63.92 5.17 -0.01	60.57 4.64 0.00	60.05 4.40 -0.01	58.07 4.10 -0.01	56.23 4.12 -0.01	59.50 4.36 -0.01	63.84 4.51 -0.01	69.16 4.19 -4.19	84.30 4.39 -11.38	100.29 5.44 -12.40	106.52 4.56 -32.81	103.02 4.23 -32.71	89.24 4.00 -22.74	83.79 4.17 -20.05	63.59 4.60 -0.02	59.80 4.06 -0.06
NORTHPORT___2 23552	49.34 3.61 -0.01	44.88 3.05 0.00	41.56 2.72 0.00	40.74 2.52 0.00	40.53 2.33 0.00	46.09 3.37 -0.01	57.18 4.33 -0.02	63.96 5.12 -0.02	63.92 5.17 -0.01	60.57 4.64 0.00	60.05 4.40 -0.01	58.07 4.10 -0.01	56.23 4.12 -0.01	59.50 4.36 -0.01	63.84 4.51 -0.01	69.16 4.19 -4.19	84.30 4.39 -11.38	100.29 5.44 -12.40	106.52 4.56 -32.81	103.02 4.23 -32.71	89.24 4.00 -22.74	83.79 4.17 -20.05	63.59 4.60 -0.02	59.80 4.06 -0.06
NORTHPORT___3 23553	49.25 3.52 -0.01	44.80 2.97 0.00	41.49 2.64 0.00	40.67 2.45 0.00	40.50 2.29 0.00	46.00 3.29 -0.01	57.02 4.17 -0.02	63.85 5.00 -0.02	63.80 5.05 -0.01	60.46 4.53 0.00	59.94 4.29 -0.01	58.02 4.05 -0.01	56.19 4.07 -0.01	59.45 4.30 -0.01	63.79 4.45 -0.01	69.05 4.07 -4.19	84.09 4.18 -11.38	99.96 5.11 -12.40	106.32 4.36 -32.81	102.82 4.03 -32.71	89.05 3.81 -22.74	83.62 3.99 -20.05	63.46 4.48 -0.02	59.69 3.95 -0.06
NORTHPORT___4 23650	49.25 3.52 -0.01	44.80 2.97 0.00	41.49 2.64 0.00	40.67 2.45 0.00	40.50 2.29 0.00	46.00 3.29 -0.01	57.02 4.17 -0.02	63.85 5.00 -0.02	63.80 5.05 -0.01	60.46 4.53 0.00	59.94 4.29 -0.01	58.02 4.05 -0.01	56.19 4.07 -0.01	59.45 4.30 -0.01	63.79 4.45 -0.01	69.05 4.07 -4.19	84.09 4.18 -11.38	99.96 5.11 -12.40	106.32 4.36 -32.81	102.82 4.03 -32.71	89.05 3.81 -22.74	83.62 3.99 -20.05	63.46 4.48 -0.02	59.69 3.95 -0.06
NORTHPORT___IC 23718	49.29 3.57 0.00	44.80 2.97 0.00	41.56 2.72 0.00	40.78 2.56 0.00	40.57 2.37 0.00	45.99 3.29 0.00	57.13 4.28 -0.02	63.79 4.94 -0.02	63.79 5.05 0.00	60.18 4.25 0.00	59.88 4.23 0.00	57.95 3.99 0.00	56.02 3.91 0.00	59.22 4.08 0.00	63.66 4.33 0.00	69.11 4.13 -4.19	84.30 4.39 -11.38	100.12 5.28 -12.40	106.66 4.70 -32.81	103.08 4.29 -32.71	89.11 3.87 -22.74	83.68 4.05 -20.05	63.58 4.60 -0.02	60.03 4.29 -0.06
NORTH___COUNTRY_ESR 323785	46.28 0.55 0.00	42.37 0.54 0.00	39.31 0.47 0.00	38.60 0.38 0.00	38.63 0.42 0.00	43.13 0.43 0.00	53.47 0.64 0.00	59.60 0.76 0.00	59.50 0.76 0.00	56.66 0.73 0.00	56.48 0.84 0.00	54.77 0.81 0.00	53.05 0.94 0.00	55.97 0.83 0.00	60.22 0.89 0.00	61.75 0.97 0.00	70.04 1.51 0.00	84.01 1.56 0.00	70.61 1.45 0.00	67.46 1.39 0.00	63.87 1.37 0.00	60.83 1.25 0.00	60.14 1.18 0.00	56.63 0.95 0.00
NPX_GEN_1385_PROXY 323591	66.19 4.67 -15.80	61.77 4.02 -15.93	57.37 3.57 -14.96	50.88 3.40 -9.26	54.30 3.21 -12.89	59.80 4.36 -12.74	65.60 5.49 -7.27	77.07 6.41 -11.82	65.04 6.29 -0.01	61.19 5.26 0.00	61.00 5.34 -0.01	58.93 4.96 -0.01	57.07 4.95 -0.01	60.05 4.91 -0.01	64.61 5.28 -0.01	70.20 5.23 -4.19	85.53 5.62 -11.38	100.37 5.52 -12.40	106.52 4.56 -32.81	103.02 4.23 -32.71	89.49 4.25 -22.74	84.45 4.82 -20.05	64.94 5.95 -0.02	60.92 5.18 -0.06
NPX_GEN_CSC 323557	49.71 3.98 -0.01	45.17 3.35 0.00	41.79 2.95 0.00	40.94 2.71 0.00	40.72 2.52 0.00	46.51 3.80 -0.01	57.76 4.91 -0.02	64.67 5.83 -0.02	64.51 5.76 -0.01	60.91 4.98 0.00	60.38 4.73 -0.01	58.29 4.32 -0.01	56.44 4.32 -0.01	59.78 4.63 -0.01	64.26 4.92 -0.01	69.77 4.80 -4.19	85.32 5.41 -11.38	101.77 6.93 -12.40	107.91 5.95 -32.81	104.21 5.42 -32.71	90.36 5.13 -22.74	84.69 5.06 -20.05	64.65 5.66 -0.02	60.81 5.07 -0.06
NSINS_S_GLNS_FALLS 23858	47.78 2.06 0.00	43.62 1.80 0.00	40.51 1.67 0.00	39.87 1.64 0.00	39.85 1.64 0.00	44.80 2.09 0.00	55.42 2.59 0.00	61.77 2.94 0.00	61.62 2.88 0.00	58.34 2.41 0.00	57.82 2.17 0.00	55.85 1.89 0.00	53.62 1.51 0.00	56.79 1.65 0.00	61.17 1.84 0.00	63.15 2.37 0.00	71.27 2.74 0.00	86.16 3.71 0.00	72.54 3.39 0.00	69.31 3.24 0.00	65.56 3.06 0.00	62.44 2.86 0.00	61.85 2.89 0.00	58.24 2.56 0.00
NUCOR_STEEL___DRP 24197	45.08 -0.64 0.00	41.24 -0.59 0.00	38.30 -0.54 0.00	37.73 -0.50 0.00	37.75 -0.46 0.00	42.07 -0.64 0.00	52.09 -0.74 0.00	58.01 -0.82 0.00	57.98 -0.76 0.00	55.43 -0.50 0.00	55.15 -0.50 0.00	53.42 -0.54 0.00	51.49 -0.63 0.00	54.53 -0.61 0.00	58.73 -0.59 0.00	60.23 -0.55 0.00	68.19 -0.34 0.00	81.95 -0.49 0.00	68.53 -0.62 0.00	65.35 -0.73 0.00	61.75 -0.75 0.00	58.74 -0.83 0.00	58.02 -0.94 0.00	54.85 -0.84 0.00
NUMBER_THREE_WT_PWR 323818	45.68 -0.05 0.00	41.83 0.00 0.00	38.73 -0.12 0.00	37.99 -0.23 0.00	38.05 -0.15 0.00	42.62 -0.09 0.00	52.99 0.16 0.00	59.25 0.41 0.00	59.04 0.30 0.00	55.77 -0.17 0.00	55.59 -0.06 0.00	53.91 -0.05 0.00	52.32 0.21 0.00	55.80 0.66 0.00	60.34 1.01 0.00	62.36 1.58 0.00	70.93 2.40 0.00	85.25 2.80 0.00	71.43 2.28 0.00	68.19 2.11 0.00	64.44 1.94 0.00	61.36 1.79 0.00	60.37 1.41 0.00	56.69 1.00 0.00
NYISO_LBMP_REFERENCE 24008	45.72 0.00 0.00	41.83 0.00 0.00	38.84 0.00 0.00	38.22 0.00 0.00	38.20 0.00 0.00	42.71 0.00 0.00	52.83 0.00 0.00	58.83 0.00 0.00	58.74 0.00 0.00	55.93 0.00 0.00	55.65 0.00 0.00	53.96 0.00 0.00	52.11 0.00 0.00	55.14 0.00 0.00	59.33 0.00 0.00	60.78 0.00 0.00	68.53 0.00 0.00	82.45 0.00 0.00	69.15 0.00 0.00	66.07 0.00 0.00	62.50 0.00 0.00	59.58 0.00 0.00	58.96 0.00 0.00	55.68 0.00 0.00
NYPA_BRENTWD____GT 24164	49.76 4.02 -0.01	45.26 3.43 0.00	41.87 3.03 0.00	41.05 2.83 0.00	40.84 2.63 0.00	46.51 3.80 -0.01	57.76 4.91 -0.02	64.67 5.83 -0.02	64.57 5.82 -0.01	61.14 5.20 0.00	60.61 4.95 -0.01	58.55 4.58 -0.01	56.71 4.59 -0.01	60.05 4.91 -0.01	64.49 5.16 -0.01	69.89 4.92 -4.19	85.26 5.35 -11.38	101.61 6.76 -12.40	107.69 5.74 -32.81	104.14 5.35 -32.71	90.30 5.06 -22.74	84.63 5.01 -20.05	64.29 5.31 -0.02	60.47 4.73 -0.06

NYPA_GOWANUS____GT5 24156	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NYPA_GOWANUS____GT6 24157	48.57 2.84 -0.01	44.26 2.42 -0.01	41.02 2.17 0.00	40.28 2.06 0.00	40.19 1.99 0.00	45.10 2.39 0.00	55.90 3.06 0.00	62.36 3.53 0.00	62.09 3.35 0.00	59.18 3.24 0.00	58.49 2.84 0.00	56.76 2.80 0.00	55.18 3.07 0.00	58.23 3.09 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.79 2.26 0.00	85.66 3.21 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.38 2.80 0.00	61.91 2.95 0.00	58.30 2.62 0.00
NYPA_HARLEM_RVR_GT1 24160	48.06 2.33 -0.01	43.84 2.01 -0.01	40.71 1.86 0.00	39.98 1.76 0.00	39.85 1.64 0.00	44.71 2.01 0.00	55.36 2.54 0.01	62.06 3.23 0.01	62.02 3.29 0.01	59.00 3.07 0.01	58.37 2.73 0.01	56.65 2.70 0.01	54.91 2.81 0.01	58.05 2.92 0.01	61.87 2.55 0.01	62.84 2.07 0.01	70.58 2.05 0.01	85.25 2.80 0.01	71.63 2.49 0.01	68.31 2.25 0.01	64.74 2.25 0.01	61.95 2.39 0.01	61.38 2.42 0.00	57.74 2.06 0.00
NYPA_HARLEM_RVR_GT2 24161	48.06 2.33 -0.01	43.84 2.01 -0.01	40.71 1.86 0.00	39.98 1.76 0.00	39.85 1.64 0.00	44.71 2.01 0.00	55.36 2.54 0.01	62.06 3.23 0.01	62.02 3.29 0.01	59.00 3.07 0.01	58.37 2.73 0.01	56.65 2.70 0.01	54.91 2.81 0.01	58.05 2.92 0.01	61.87 2.55 0.01	62.84 2.07 0.01	70.58 2.05 0.01	85.25 2.80 0.01	71.63 2.49 0.01	68.31 2.25 0.01	64.74 2.25 0.01	61.95 2.39 0.01	61.38 2.42 0.00	57.74 2.06 0.00
NYPA_KENT____GT 24152	48.43 2.70 -0.01	44.18 2.34 -0.01	40.90 2.06 0.00	40.21 1.99 0.00	40.11 1.91 0.00	45.01 2.30 0.00	55.84 3.01 0.00	62.42 3.59 0.00	62.21 3.46 0.00	59.23 3.30 0.00	58.60 2.95 0.00	56.87 2.91 0.00	55.18 3.07 0.00	58.28 3.14 0.00	62.18 2.85 0.00	63.15 2.37 0.00	70.93 2.40 0.00	85.75 3.30 0.00	72.05 2.90 0.00	68.72 2.65 0.00	65.12 2.62 0.00	62.38 2.80 0.00	61.85 2.89 0.00	58.19 2.51 0.00
NYPA_POUCH1____GT 24155	48.89 3.15 -0.01	44.55 2.72 -0.01	41.33 2.49 0.00	40.63 2.41 0.00	40.50 2.29 0.00	45.40 2.69 0.00	56.22 3.38 0.00	62.24 3.41 0.00	61.97 3.23 0.00	59.06 3.13 0.00	58.37 2.73 0.00	56.71 2.75 0.00	55.29 3.18 0.00	58.17 3.03 0.00	61.88 2.55 0.00	62.90 2.13 0.00	70.72 2.19 0.00	85.58 3.13 0.00	72.05 2.90 0.00	68.65 2.57 0.00	65.06 2.56 0.00	62.55 2.98 0.01	62.08 3.12 0.00	58.63 2.95 0.00
NYPA_VERNON____GT2 24162	48.34 2.60 -0.01	44.05 2.22 -0.01	40.82 1.98 0.00	40.13 1.91 0.00	40.04 1.83 0.00	44.97 2.26 0.00	55.74 2.90 0.00	62.48 3.65 0.00	62.33 3.58 0.00	59.35 3.41 0.00	58.71 3.06 0.00	56.93 2.97 0.00	55.24 3.13 0.00	58.39 3.25 0.00	62.29 2.97 0.00	63.27 2.49 0.00	71.07 2.54 0.00	85.91 3.46 0.00	72.19 3.04 0.00	68.85 2.77 0.00	65.24 2.75 0.00	62.38 2.80 0.00	61.79 2.83 0.00	58.13 2.45 0.00
NYPA_VERNON____GT3 24163	48.34 2.60 -0.01	44.05 2.22 -0.01	40.82 1.98 0.00	40.13 1.91 0.00	40.04 1.83 0.00	44.97 2.26 0.00	55.74 2.90 0.00	62.48 3.65 0.00	62.33 3.58 0.00	59.35 3.41 0.00	58.71 3.06 0.00	56.93 2.97 0.00	55.24 3.13 0.00	58.39 3.25 0.00	62.29 2.97 0.00	63.27 2.49 0.00	71.07 2.54 0.00	85.91 3.46 0.00	72.19 3.04 0.00	68.85 2.77 0.00	65.24 2.75 0.00	62.38 2.80 0.00	61.79 2.83 0.00	58.13 2.45 0.00
NYPA____ASTORIA_CC1 323568	48.34 2.60 -0.01	44.05 2.22 -0.01	40.78 1.94 0.00	40.09 1.87 0.00	40.00 1.80 0.00	44.93 2.22 0.00	55.68 2.85 0.00	62.42 3.59 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.18 3.07 0.00	58.34 3.20 0.00	62.23 2.91 0.00	63.21 2.43 0.00	70.93 2.40 0.00	85.75 3.30 0.00	72.05 2.90 0.00	68.72 2.65 0.00	65.12 2.62 0.00	62.26 2.68 0.00	61.67 2.71 0.00	58.02 2.34 0.00
NYPA____ASTORIA_CC2 323569	48.34 2.60 -0.01	44.05 2.22 -0.01	40.78 1.94 0.00	40.09 1.87 0.00	40.00 1.80 0.00	44.93 2.22 0.00	55.68 2.85 0.00	62.42 3.59 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.18 3.07 0.00	58.34 3.20 0.00	62.23 2.91 0.00	63.21 2.43 0.00	70.93 2.40 0.00	85.75 3.30 0.00	72.05 2.90 0.00	68.72 2.65 0.00	65.12 2.62 0.00	62.26 2.68 0.00	61.67 2.71 0.00	58.02 2.34 0.00
NYPA____HOLTSVILL 23794	49.53 3.79 -0.01	45.00 3.18 0.00	41.64 2.80 0.00	40.82 2.60 0.00	40.61 2.41 0.00	46.30 3.59 -0.01	57.44 4.59 -0.02	64.32 5.47 -0.02	64.21 5.46 -0.01	60.74 4.81 0.00	60.16 4.51 -0.01	58.12 4.16 -0.01	56.29 4.17 -0.01	59.61 4.46 -0.01	64.08 4.75 -0.01	69.47 4.50 -4.19	84.85 4.94 -11.38	101.11 6.26 -12.40	107.28 5.33 -32.81	103.74 4.96 -32.71	89.93 4.69 -22.74	84.27 4.65 -20.05	64.06 5.07 -0.02	60.25 4.51 -0.06
NYPA____HELLGATE_GT1 24158	48.06 2.33 -0.01	43.84 2.01 -0.01	40.71 1.86 0.00	39.98 1.76 0.00	39.85 1.64 0.00	44.71 2.01 0.00	55.36 2.54 0.01	62.06 3.23 0.01	62.02 3.29 0.01	59.00 3.07 0.01	58.37 2.73 0.01	56.65 2.70 0.01	54.91 2.81 0.01	58.05 2.92 0.01	61.87 2.55 0.01	62.84 2.07 0.01	70.58 2.05 0.01	85.25 2.80 0.01	71.63 2.49 0.01	68.31 2.25 0.01	64.74 2.25 0.01	61.95 2.39 0.01	61.38 2.42 0.00	57.74 2.06 0.00
NYPA____HELLGATE_GT2 24159	48.06 2.33 -0.01	43.84 2.01 -0.01	40.71 1.86 0.00	39.98 1.76 0.00	39.85 1.64 0.00	44.71 2.01 0.00	55.36 2.54 0.01	62.06 3.23 0.01	62.02 3.29 0.01	59.00 3.07 0.01	58.37 2.73 0.01	56.65 2.70 0.01	54.91 2.81 0.01	58.05 2.92 0.01	61.87 2.55 0.01	62.84 2.07 0.01	70.58 2.05 0.01	85.25 2.80 0.01	71.63 2.49 0.01	68.31 2.25 0.01	64.74 2.25 0.01	61.95 2.39 0.01	61.38 2.42 0.00	57.74 2.06 0.00
NYS_BARGE____HYD 23848	41.29 -4.43 0.00	38.23 -3.60 0.00	35.66 -3.18 0.00	35.35 -2.87 0.00	35.45 -2.75 0.00	38.05 -4.65 0.00	46.33 -6.50 0.00	51.19 -7.65 0.00	51.69 -7.05 0.00	50.90 -5.03 0.00	50.81 -4.84 0.00	49.48 -4.48 0.00	47.06 -5.05 0.00	50.12 -5.02 0.00	55.00 -4.33 0.00	55.98 -4.80 0.00	63.05 -5.48 0.00	75.61 -6.84 0.00	62.24 -6.91 0.00	60.00 -6.08 0.00	56.00 -6.50 0.00	52.96 -6.61 0.00	52.89 -6.07 0.00	52.62 -3.06 0.00
OAK_ORCHARD____HYD 24046	43.12 -2.60 0.00	39.65 -2.18 0.00	36.86 -1.98 0.00	36.43 -1.80 0.00	36.49 -1.72 0.00	40.19 -2.52 0.00	49.51 -3.33 0.00	54.95 -3.88 0.00	55.16 -3.59 0.00	53.42 -2.52 0.00	53.20 -2.45 0.00	51.75 -2.21 0.00	49.51 -2.60 0.00	52.38 -2.76 0.00	56.95 -2.37 0.00	58.28 -2.49 0.00	65.72 -2.81 0.00	79.06 -3.38 0.00	65.63 -3.52 0.00	62.97 -3.10 0.00	59.06 -3.44 0.00	56.00 -3.57 0.00	55.54 -3.42 0.00	53.68 -2.00 0.00

OAKDALE___35_KV_LOAD 356122	44.95 -0.78 0.00	41.16 -0.67 0.00	38.18 -0.66 0.00	37.65 -0.57 0.00	37.67 -0.53 0.00	41.94 -0.77 0.00	51.83 -1.00 0.00	57.72 -1.12 0.00	57.80 -0.94 0.00	55.32 -0.62 0.00	55.09 -0.56 0.00	53.42 -0.54 0.00	51.49 -0.63 0.00	54.64 -0.50 0.00	58.91 -0.42 0.00	60.35 -0.43 0.00	68.19 -0.34 0.00	81.95 -0.49 0.00	68.46 -0.69 0.00	65.28 -0.79 0.00	61.75 -0.75 0.00	58.68 -0.89 0.00	58.02 -0.94 0.00	54.96 0.00
OCC_CHEM___DRP 24175	40.19 -5.53 0.00	37.14 -4.68 0.00	34.26 -4.58 0.00	33.86 -4.36 0.00	34.23 -3.97 0.00	37.32 -5.38 0.00	45.07 -7.77 0.00	50.07 -8.77 0.00	50.52 -8.22 0.00	49.72 -6.21 0.00	49.75 -5.90 0.00	48.46 -5.50 0.00	46.22 -5.89 0.00	49.85 -5.29 0.00	53.87 -5.46 0.00	54.52 -6.26 0.00	61.40 -7.13 0.00	73.46 -8.99 0.00	60.30 -8.85 0.00	57.28 -8.79 0.00	54.56 -7.94 0.00	51.71 -7.86 0.00	51.30 -7.66 0.00	49.17 -6.51 0.00
OH_GEN_PROXY 24063	41.02 -4.71 0.00	37.89 -3.93 0.00	35.35 -3.50 0.00	35.05 -3.17 0.00	35.11 -3.09 0.00	38.05 -4.65 0.00	46.39 -6.45 0.00	51.19 -7.65 0.00	51.63 -7.11 0.00	50.73 -5.20 0.00	50.70 -4.95 0.00	49.32 -4.64 0.00	46.90 -5.21 0.00	49.90 -5.24 0.00	54.70 -4.63 0.00	55.67 -5.11 0.00	62.57 -5.96 0.00	75.03 -7.42 0.00	61.82 -7.33 0.00	59.60 -6.47 0.00	55.62 -6.87 0.00	52.78 -6.79 0.00	52.65 -6.31 0.00	51.89 -3.79 0.00
OLIN_CORP_DRP 24177	40.92 -4.80 0.00	37.85 -3.97 0.00	35.00 -3.85 0.00	34.59 -3.63 0.00	34.96 -3.25 0.00	37.62 -5.08 0.00	45.33 -7.50 0.00	50.42 -8.41 0.00	50.87 -7.87 0.00	50.06 -5.87 0.00	50.08 -5.56 0.00	48.78 -5.18 0.00	46.53 -5.58 0.00	50.12 -5.02 0.00	54.23 -5.10 0.00	54.88 -5.90 0.00	61.95 -6.58 0.00	74.12 -8.33 0.00	60.78 -8.37 0.00	57.81 -8.26 0.00	55.00 -7.50 0.00	52.13 -7.45 0.00	51.65 -7.31 0.00	49.95 -5.74 0.00
OLIN_CORP_DSASP 323712	40.19 -5.53 0.00	37.14 -4.68 0.00	34.26 -4.58 0.00	33.86 -4.36 0.00	34.23 -3.97 0.00	37.32 -5.38 0.00	45.07 -7.77 0.00	50.07 -8.77 0.00	50.52 -8.22 0.00	49.72 -6.21 0.00	49.75 -5.90 0.00	48.46 -5.50 0.00	46.22 -5.89 0.00	49.85 -5.29 0.00	53.87 -5.46 0.00	54.52 -6.26 0.00	61.40 -7.13 0.00	73.46 -8.99 0.00	60.30 -8.85 0.00	57.28 -8.79 0.00	54.56 -7.94 0.00	51.71 -7.86 0.00	51.30 -7.66 0.00	49.17 -6.51 0.00
ONEIDA_HERK_LFGE 323681	46.09 0.36 0.00	42.20 0.38 0.00	39.12 0.27 0.00	38.45 0.23 0.00	38.47 0.27 0.00	43.09 0.38 0.00	53.47 0.64 0.00	59.72 0.88 0.00	59.63 0.88 0.00	56.49 0.56 0.00	56.26 0.61 0.00	54.50 0.54 0.00	52.79 0.68 0.00	56.08 0.94 0.00	60.51 1.19 0.00	62.36 1.58 0.00	70.58 2.05 0.00	85.01 2.56 0.00	71.16 2.01 0.00	67.92 1.85 0.00	64.19 1.69 0.00	61.12 1.55 0.00	60.32 1.36 0.00	56.74 1.06 0.00
ONEIDA___115KV_TB4 55905	46.32 0.59 0.00	42.41 0.59 0.00	39.35 0.50 0.00	38.68 0.46 0.00	38.74 0.53 0.00	43.39 0.68 0.00	53.78 0.95 0.00	60.07 1.24 0.00	59.98 1.23 0.00	56.94 1.01 0.00	56.65 1.00 0.00	54.82 0.86 0.00	53.10 0.99 0.00	56.24 1.10 0.00	60.69 1.36 0.00	62.42 1.64 0.00	70.59 2.06 0.00	84.76 2.31 0.00	71.02 1.87 0.00	67.66 1.59 0.00	63.93 1.44 0.00	60.83 1.25 0.00	60.08 1.12 0.00	56.68 1.00 0.00
ONONDAGA_REF_OCCRA 23987	44.86 -0.87 0.00	41.07 -0.75 0.00	38.10 -0.74 0.00	37.53 -0.69 0.00	37.55 -0.65 0.00	41.89 -0.81 0.00	51.83 -1.00 0.00	57.72 -1.12 0.00	57.74 -1.00 0.00	55.09 -0.84 0.00	54.87 -0.78 0.00	53.15 -0.81 0.00	51.28 -0.83 0.00	54.26 -0.88 0.00	58.44 -0.89 0.00	59.93 -0.85 0.00	67.71 -0.82 0.00	81.38 -1.07 0.00	68.11 -1.04 0.00	64.95 -1.12 0.00	61.37 -1.12 0.00	58.39 -1.19 0.00	57.72 -1.24 0.00	54.51 -1.17 0.00
ONONDAGA___COGEN 23986	44.90 -0.82 0.00	41.07 -0.75 0.00	38.14 -0.70 0.00	37.57 -0.65 0.00	37.59 -0.61 0.00	41.89 -0.81 0.00	51.88 -0.95 0.00	57.72 -1.12 0.00	57.74 -1.00 0.00	55.09 -0.84 0.00	54.81 -0.83 0.00	53.15 -0.81 0.00	51.22 -0.89 0.00	54.26 -0.88 0.00	58.38 -0.95 0.00	59.87 -0.91 0.00	67.64 -0.89 0.00	81.38 -1.07 0.00	68.04 -1.11 0.00	64.88 -1.19 0.00	61.37 -1.12 0.00	58.39 -1.19 0.00	57.72 -1.24 0.00	54.51 -1.17 0.00
ONTARIO___LFGE 23819	44.44 -1.28 0.00	40.70 -1.13 0.00	37.83 -1.01 0.00	37.38 -0.84 0.00	37.44 -0.76 0.00	41.51 -1.20 0.00	51.35 -1.48 0.00	56.77 -2.06 0.00	56.86 -1.88 0.00	54.87 -1.06 0.00	54.76 -0.89 0.00	53.15 -0.81 0.00	51.22 -0.89 0.00	53.98 -1.16 0.00	58.38 -0.95 0.00	59.74 -1.03 0.00	67.71 -0.82 0.00	81.37 -1.07 0.00	67.83 -1.32 0.00	64.89 -1.19 0.00	60.94 -1.56 0.00	57.97 -1.61 0.00	57.54 -1.42 0.00	55.02 -0.67 0.00
ORANGEVILLE_WT_PWR 323706	40.97 -4.76 0.00	37.81 -4.02 0.00	35.31 -3.53 0.00	35.01 -3.21 0.00	35.15 -3.06 0.00	38.31 -4.40 0.00	47.13 -5.71 0.00	52.30 -6.53 0.00	52.81 -5.93 0.00	51.85 -4.08 0.00	51.97 -3.67 0.00	50.72 -3.24 0.00	48.52 -3.60 0.00	51.67 -3.47 0.00	56.36 -2.96 0.00	57.68 -3.10 0.00	65.24 -3.29 0.00	78.33 -4.12 0.00	64.66 -4.49 0.00	62.17 -3.90 0.00	58.12 -4.38 0.00	54.87 -4.71 0.00	54.60 -4.36 0.00	53.29 -2.39 0.00
ORANGEVILLE___ESR 323794	40.97 -4.76 0.00	37.81 -4.02 0.00	35.31 -3.53 0.00	35.01 -3.21 0.00	35.15 -3.06 0.00	38.31 -4.40 0.00	47.13 -5.71 0.00	52.30 -6.53 0.00	52.81 -5.93 0.00	51.85 -4.08 0.00	51.97 -3.67 0.00	50.72 -3.24 0.00	48.52 -3.60 0.00	51.67 -3.47 0.00	56.36 -2.96 0.00	57.68 -3.10 0.00	65.24 -3.29 0.00	78.33 -4.12 0.00	64.66 -4.49 0.00	62.17 -3.90 0.00	58.12 -4.38 0.00	54.87 -4.71 0.00	54.60 -4.36 0.00	53.29 -2.39 0.00
OSWEGATCHIE___HYD 24044	46.05 0.32 0.00	42.16 0.33 0.00	39.08 0.23 0.00	38.34 0.12 0.00	38.40 0.19 0.00	42.79 0.09 0.00	53.15 0.32 0.00	59.36 0.53 0.00	59.16 0.41 0.00	55.99 0.06 0.00	55.82 0.17 0.00	54.29 0.33 0.00	52.68 0.57 0.00	55.85 0.71 0.00	60.27 0.95 0.00	62.11 1.34 0.00	70.17 1.64 0.00	83.85 1.40 0.00	70.46 1.31 0.00	67.26 1.19 0.00	63.87 1.37 0.00	60.95 1.37 0.00	60.37 1.41 0.00	56.80 1.11 0.00
OSWEGO___5 23606	44.12 -1.60 0.00	40.40 -1.42 0.00	37.56 -1.28 0.00	37.00 -1.22 0.00	36.98 -1.22 0.00	41.21 -1.50 0.00	50.98 -1.85 0.00	56.72 -2.12 0.00	56.68 -2.06 0.00	54.09 -1.84 0.00	53.81 -1.84 0.00	52.23 -1.73 0.00	50.34 -1.77 0.00	53.21 -1.93 0.00	57.37 -1.96 0.00	58.83 -1.95 0.00	66.33 -2.20 0.00	79.81 -2.64 0.00	66.80 -2.35 0.00	63.89 -2.18 0.00	60.31 -2.19 0.00	57.43 -2.14 0.00	56.84 -2.12 0.00	53.85 -1.84 0.00
OSWEGO___6 23613	44.12 -1.60 0.00	40.40 -1.42 0.00	37.56 -1.28 0.00	37.00 -1.22 0.00	36.98 -1.22 0.00	41.21 -1.50 0.00	50.98 -1.85 0.00	56.72 -2.12 0.00	56.68 -2.06 0.00	54.09 -1.84 0.00	53.81 -1.84 0.00	52.23 -1.73 0.00	50.34 -1.77 0.00	53.21 -1.93 0.00	57.37 -1.96 0.00	58.83 -1.95 0.00	66.33 -2.20 0.00	79.81 -2.64 0.00	66.80 -2.35 0.00	63.89 -2.18 0.00	60.31 -2.19 0.00	57.43 -2.14 0.00	56.84 -2.12 0.00	53.85 -1.84 0.00

OUTOKUMPU-AB___DRP 24206	41.06 -4.66 0.00	37.89 -3.93 0.00	35.04 -3.81 0.00	34.63 -3.59 0.00	34.99 -3.21 0.00	38.01 -4.70 0.00	46.18 -6.66 0.00	51.36 -7.47 0.00	51.87 -6.87 0.00	51.07 -4.87 0.00	51.14 -4.51 0.00	49.81 -4.15 0.00	47.58 -4.53 0.00	51.28 -3.86 0.00	55.53 -3.80 0.00	56.22 -4.56 0.00	63.46 -5.07 0.00	76.02 -6.43 0.00	62.37 -6.78 0.00	59.33 -6.74 0.00	56.44 -6.06 0.00	53.32 -6.26 0.00	52.83 -6.13 0.00	50.78 -4.90 0.00
OXBOW___BTM 323836	40.65 -5.08 0.00	37.60 -4.22 0.00	35.11 -3.73 0.00	34.82 -3.40 0.00	34.92 -3.29 0.00	37.71 -5.00 0.00	45.97 -6.87 0.00	50.78 -8.06 0.00	51.22 -7.52 0.00	50.51 -5.42 0.00	50.47 -5.17 0.00	49.21 -4.75 0.00	46.74 -5.37 0.00	49.85 -5.29 0.00	54.64 -4.69 0.00	55.61 -5.17 0.00	62.57 -5.96 0.00	74.95 -7.50 0.00	61.68 -7.47 0.00	59.53 -6.54 0.00	55.56 -6.94 0.00	52.61 -6.97 0.00	52.54 -6.43 0.00	51.95 -3.73 0.00
OXBOW___ 24026	40.65 -5.08 0.00	37.52 -4.31 0.00	34.69 -4.16 0.00	34.29 -3.94 0.00	34.61 -3.59 0.00	37.67 -5.04 0.00	45.65 -7.19 0.00	50.77 -8.06 0.00	51.28 -7.46 0.00	50.45 -5.48 0.00	50.53 -5.12 0.00	49.21 -4.75 0.00	46.95 -5.16 0.00	50.62 -4.52 0.00	54.76 -4.57 0.00	55.43 -5.35 0.00	62.57 -5.96 0.00	74.86 -7.59 0.00	61.41 -7.74 0.00	58.41 -7.66 0.00	55.56 -6.94 0.00	52.61 -6.97 0.00	52.12 -6.84 0.00	50.06 -5.62 0.00
OXY_CHEM_DSASP 323612	40.19 -5.53 0.00	37.14 -4.68 0.00	34.26 -4.58 0.00	33.86 -4.36 0.00	34.23 -3.97 0.00	37.32 -5.38 0.00	45.07 -7.77 0.00	50.07 -8.77 0.00	50.52 -8.22 0.00	49.72 -6.21 0.00	49.75 -5.90 0.00	48.46 -5.50 0.00	46.22 -5.89 0.00	49.85 -5.29 0.00	53.87 -5.46 0.00	54.52 -6.26 0.00	61.40 -7.13 0.00	73.46 -8.99 0.00	60.30 -8.85 0.00	57.28 -8.79 0.00	54.56 -7.94 0.00	51.71 -7.86 0.00	51.30 -7.66 0.00	49.17 -6.51 0.00
OZONE_PARK_ESR 323760	48.29 2.56 0.00	44.00 2.17 0.00	40.90 2.06 0.00	40.25 2.03 0.00	40.11 1.91 0.00	45.05 2.35 0.00	56.00 3.17 0.00	62.66 3.82 0.00	62.62 3.88 0.00	59.57 3.64 0.00	58.93 3.28 0.00	57.14 3.18 0.00	55.34 3.23 0.00	58.34 3.20 0.00	62.53 3.20 0.00	63.76 2.98 0.00	71.89 3.36 0.00	86.74 4.29 0.00	73.16 4.01 0.00	69.71 3.63 0.00	65.68 3.19 0.00	62.79 3.22 0.00	62.26 3.30 0.00	58.74 3.06 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.19 -5.53 0.00	37.14 -4.68 0.00	34.26 -4.58 0.00	33.86 -4.36 0.00	34.23 -3.97 0.00	37.32 -5.38 0.00	45.07 -7.77 0.00	50.07 -8.77 0.00	50.52 -8.22 0.00	49.72 -6.21 0.00	49.75 -5.90 0.00	48.46 -5.50 0.00	46.22 -5.89 0.00	49.85 -5.29 0.00	53.87 -5.46 0.00	54.52 -6.26 0.00	61.40 -7.13 0.00	73.46 -8.99 0.00	60.30 -8.85 0.00	57.28 -8.79 0.00	54.56 -7.94 0.00	51.71 -7.86 0.00	51.30 -7.66 0.00	49.17 -6.51 0.00
PACKARD___115KV_DUPONT_184 80571	40.19 -5.53 0.00	37.18 -4.64 0.00	34.76 -4.08 0.00	34.44 -3.78 0.00	34.54 -3.67 0.00	37.32 -5.38 0.00	45.39 -7.45 0.00	50.07 -8.77 0.00	50.52 -8.22 0.00	49.78 -6.15 0.00	49.75 -5.90 0.00	48.46 -5.50 0.00	46.01 -6.10 0.00	48.97 -6.17 0.00	53.75 -5.58 0.00	54.70 -6.08 0.00	61.40 -7.13 0.00	73.54 -8.91 0.00	60.50 -8.65 0.00	58.48 -7.60 0.00	54.50 -8.00 0.00	51.71 -7.87 0.00	51.65 -7.31 0.00	51.12 -4.56 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	48.06 2.33 0.00	43.88 2.05 0.00	40.78 1.94 0.00	40.09 1.87 0.00	39.92 1.72 0.00	44.63 1.92 0.00	55.42 2.59 0.00	61.83 3.00 0.00	61.74 3.00 0.00	58.73 2.80 0.00	58.10 2.45 0.00	56.39 2.43 0.00	54.66 2.55 0.00	57.57 2.43 0.00	61.70 2.37 0.00	62.78 2.01 0.00	70.65 2.12 0.00	85.17 2.72 0.00	71.92 2.77 0.00	68.52 2.44 0.00	64.68 2.19 0.00	61.84 2.26 0.00	61.44 2.48 0.00	58.19 2.51 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	48.51 2.79 0.00	44.25 2.43 0.00	41.17 2.33 0.00	40.48 2.26 0.00	40.31 2.10 0.00	45.05 2.35 0.00	55.95 3.12 0.00	62.42 3.59 0.00	62.27 3.52 0.00	59.23 3.30 0.00	58.60 2.95 0.00	56.87 2.91 0.00	55.08 2.97 0.00	58.01 2.87 0.00	62.18 2.85 0.00	63.33 2.55 0.00	71.27 2.74 0.00	85.91 3.46 0.00	72.54 3.39 0.00	69.11 3.04 0.00	65.25 2.75 0.00	62.38 2.80 0.00	61.97 3.01 0.00	58.74 3.06 0.00
PATROON___115KV_TB1 80586	47.51 1.78 0.00	43.33 1.51 0.00	40.28 1.44 0.00	39.64 1.41 0.00	39.58 1.38 0.00	44.33 1.62 0.00	54.84 2.01 0.00	60.25 1.41 0.00	60.15 1.41 0.00	57.16 1.23 0.00	56.87 1.22 0.00	55.09 1.13 0.00	53.15 1.04 0.00	56.24 1.10 0.00	60.40 1.07 0.00	61.93 1.15 0.00	69.42 0.89 0.00	83.60 1.15 0.00	70.33 1.18 0.00	67.20 1.12 0.00	63.75 1.25 0.00	60.83 1.25 0.00	60.38 1.42 0.00	57.13 1.45 0.00
PATTRSNVILLE___SOLAR 323815	47.28 1.56 0.00	43.16 1.34 0.00	40.09 1.24 0.00	39.41 1.19 0.00	39.39 1.19 0.00	44.24 1.54 0.00	54.79 1.96 0.00	61.07 2.24 0.00	60.68 1.94 0.00	57.38 1.45 0.00	56.87 1.22 0.00	55.04 1.08 0.00	53.00 0.89 0.00	56.13 0.99 0.00	60.51 1.19 0.00	62.48 1.70 0.00	70.79 2.26 0.00	85.50 3.05 0.00	71.92 2.77 0.00	68.65 2.57 0.00	65.00 2.50 0.00	61.96 2.39 0.00	61.32 2.36 0.00	57.74 2.06 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	42.02 -3.70 0.00	38.73 -3.10 0.00	35.89 -2.95 0.00	35.47 -2.75 0.00	35.80 -2.41 0.00	39.03 -3.67 0.00	47.76 -5.07 0.00	53.13 -5.71 0.00	53.69 -5.05 0.00	52.69 -3.24 0.00	52.75 -2.89 0.00	51.42 -2.54 0.00	49.19 -2.92 0.00	52.99 -2.15 0.00	57.43 -1.90 0.00	58.29 -2.49 0.00	65.93 -2.60 0.00	78.99 -3.46 0.00	64.93 -4.22 0.00	61.78 -4.29 0.00	58.69 -3.81 0.00	55.29 -4.29 0.00	54.72 -4.25 0.00	52.51 -3.17 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	48.19 2.47 0.00	43.92 2.09 0.00	40.82 1.98 0.00	40.13 1.91 0.00	40.00 1.80 0.00	44.93 2.22 0.00	55.69 2.85 0.00	62.36 3.53 0.00	62.33 3.58 0.00	59.12 3.19 0.00	58.60 2.95 0.00	56.71 2.75 0.00	54.82 2.71 0.00	57.84 2.70 0.00	62.18 2.85 0.00	63.57 2.80 0.00	71.89 3.36 0.00	86.82 4.37 0.00	73.02 3.87 0.00	69.64 3.57 0.00	65.75 3.25 0.00	62.85 3.28 0.00	62.20 3.24 0.00	58.52 2.84 0.00
PEEKSKILL___ 23653	47.65 1.92 0.00	43.50 1.67 0.00	40.36 1.51 0.00	39.67 1.45 0.00	39.58 1.37 0.00	44.50 1.79 0.00	55.10 2.27 0.00	61.77 2.94 0.00	61.68 2.94 0.00	58.62 2.68 0.00	58.09 2.45 0.00	56.28 2.32 0.00	54.51 2.40 0.00	57.73 2.59 0.00	61.88 2.55 0.00	62.96 2.18 0.00	70.79 2.26 0.00	85.66 3.21 0.00	71.85 2.69 0.00	68.58 2.51 0.00	64.87 2.37 0.00	62.02 2.44 0.00	61.38 2.42 0.00	57.58 1.89 0.00
PGE MADISON___WINDPWR 24146	46.87 1.14 0.00	42.96 1.13 0.00	39.70 0.85 0.00	38.95 0.73 0.00	39.04 0.84 0.00	43.86 1.15 0.00	54.58 1.74 0.00	61.30 2.47 0.00	61.09 2.35 0.00	57.83 1.90 0.00	57.60 1.95 0.00	55.63 1.67 0.00	54.25 2.14 0.00	57.73 2.59 0.00	62.89 3.56 0.00	65.15 4.38 0.00	74.49 5.96 0.00	89.87 7.42 0.00	75.37 6.22 0.00	71.56 5.48 0.00	67.50 5.00 0.00	64.04 4.47 0.00	63.03 4.07 0.00	59.25 3.56 0.00

PIERCEFIELD___HYD 23852	46.73 1.01 0.00	42.79 0.96 0.00	39.70 0.85 0.00	38.99 0.76 0.00	39.01 0.80 0.00	43.56 0.85 0.00	54.00 1.16 0.00	60.25 1.41 0.00	60.03 1.29 0.00	57.00 1.06 0.00	56.76 1.11 0.00	55.09 1.13 0.00	53.41 1.30 0.00	56.35 1.21 0.00	60.75 1.42 0.00	62.36 1.58 0.00	70.17 1.64 0.00	83.85 1.40 0.00	70.26 1.11 0.00	67.46 1.39 0.00	64.25 1.75 0.00	61.48 1.91 0.00	60.85 1.89 0.00	57.30 1.61 0.00
PINELAWN_CC_1 323563	49.39 3.66 -0.01	44.88 3.05 0.00	41.56 2.72 0.00	40.74 2.52 0.00	40.53 2.33 0.00	46.13 3.42 -0.01	57.23 4.38 -0.02	64.08 5.23 -0.02	63.98 5.23 -0.01	60.63 4.70 0.00	60.05 4.40 -0.01	58.12 4.16 -0.01	56.29 4.17 -0.01	59.61 4.46 -0.01	63.97 4.63 -0.01	69.23 4.25 -4.19	84.57 4.66 -11.38	100.86 6.02 -12.40	107.00 5.05 -32.81	103.48 4.69 -32.71	89.68 4.44 -22.74	84.03 4.41 -20.05	63.64 4.66 -0.02	59.86 4.12 -0.06
PJM_GEN_HTP_PROXY 323702	47.92 2.19 0.00	43.71 1.88 0.00	40.55 1.71 0.00	39.90 1.68 0.00	39.77 1.57 0.00	44.80 2.09 0.00	55.53 2.69 0.00	62.30 3.47 0.00	62.21 3.46 0.00	59.18 3.24 0.00	58.54 2.89 0.00	56.76 2.80 0.00	54.97 2.86 0.00	58.17 3.03 0.00	62.23 2.91 0.00	63.33 2.55 0.00	71.20 2.67 0.00	86.07 3.62 0.00	72.27 3.11 0.00	68.91 2.84 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.67 2.71 0.00	57.91 2.23 0.00
PJM_GEN_KEystone 24065	43.06 -1.01 1.66	40.99 -0.84 0.00	38.10 -0.74 0.00	37.61 -0.61 0.00	37.55 -0.65 0.00	39.75 -0.98 1.98	45.50 -1.32 6.02	56.90 -1.47 0.46	49.90 -1.24 7.61	49.00 -0.67 6.26	50.29 -0.72 4.63	44.67 -0.65 8.65	43.66 -0.78 7.67	41.40 -0.66 13.08	39.80 -0.48 19.05	41.20 -0.85 18.73	52.14 -1.03 15.36	60.70 -1.07 20.67	57.80 -1.32 10.03	54.85 -1.19 10.04	53.85 -1.32 7.33	52.30 -1.37 5.91	50.50 -1.24 7.22	44.26 -0.61 10.81
PJM_GEN_NEPTUNE_PROXY 323594	48.80 3.06 -0.01	44.38 2.55 0.00	41.09 2.25 0.00	40.32 2.10 0.00	40.15 1.95 0.00	45.58 2.86 -0.01	56.39 3.54 -0.02	63.14 4.29 -0.02	63.16 4.41 -0.01	59.96 4.03 0.00	59.33 3.67 -0.01	57.47 3.51 -0.01	55.66 3.55 -0.01	58.95 3.80 -0.01	63.14 3.80 -0.01	68.25 3.28 -4.19	83.40 3.49 -11.38	99.46 4.61 -12.40	105.83 3.87 -32.81	102.35 3.57 -32.71	88.67 3.44 -22.74	83.08 3.45 -20.05	62.64 3.66 -0.02	58.91 3.17 -0.06
PJM_GEN_VFT_PROXY 323633	47.78 2.06 0.00	43.54 1.72 0.00	40.40 1.56 0.00	39.71 1.49 0.00	39.62 1.41 0.00	44.63 1.92 0.00	55.37 2.54 0.00	62.13 3.29 0.00	62.03 3.29 0.00	59.06 3.13 0.00	58.43 2.78 0.00	56.66 2.70 0.00	54.87 2.76 0.00	58.06 2.92 0.00	62.06 2.73 0.00	63.03 2.25 0.00	70.86 2.33 0.00	85.75 3.30 0.00	71.99 2.84 0.00	68.65 2.57 0.00	64.93 2.43 0.00	62.08 2.50 0.00	61.44 2.48 0.00	57.68 2.00 0.00
PLATSBURG_115KV_PMLD1 355749	46.82 1.10 0.00	42.91 1.09 0.00	39.81 0.97 0.00	39.06 0.84 0.00	39.08 0.88 0.00	43.65 0.94 0.00	54.10 1.27 0.00	60.36 1.53 0.00	60.27 1.53 0.00	57.44 1.51 0.00	57.21 1.56 0.00	55.47 1.51 0.00	53.73 1.62 0.00	56.63 1.49 0.00	60.99 1.66 0.00	62.54 1.76 0.00	70.79 2.26 0.00	85.09 2.64 0.00	71.29 2.14 0.00	68.39 2.31 0.00	64.68 2.19 0.00	61.60 2.03 0.00	60.85 1.89 0.00	57.35 1.67 0.00
PLEASANTVLY___LBMP 24000	47.55 1.83 0.00	43.42 1.59 0.00	40.36 1.51 0.00	39.71 1.49 0.00	39.58 1.38 0.00	44.41 1.71 0.00	55.05 2.22 0.00	61.48 2.65 0.00	61.44 2.70 0.00	58.39 2.46 0.00	57.87 2.23 0.00	56.07 2.10 0.00	54.25 2.14 0.00	57.35 2.21 0.00	61.58 2.25 0.00	62.78 2.01 0.00	70.65 2.12 0.00	85.25 2.80 0.00	71.71 2.56 0.00	68.45 2.38 0.00	64.62 2.12 0.00	61.78 2.20 0.00	61.26 2.30 0.00	57.80 2.12 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	47.83 2.10 0.00	43.62 1.80 0.00	40.55 1.71 0.00	39.90 1.68 0.00	39.77 1.57 0.00	44.63 1.92 0.00	55.42 2.59 0.00	62.01 3.18 0.00	61.91 3.17 0.00	58.84 2.91 0.00	58.32 2.67 0.00	56.50 2.54 0.00	54.66 2.55 0.00	57.73 2.59 0.00	62.00 2.67 0.00	63.21 2.43 0.00	71.20 2.67 0.00	85.99 3.55 0.00	72.40 3.25 0.00	68.98 2.91 0.00	65.12 2.62 0.00	62.20 2.62 0.00	61.67 2.71 0.00	58.13 2.45 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	47.83 2.10 0.00	43.62 1.80 0.00	40.55 1.71 0.00	39.90 1.68 0.00	39.77 1.57 0.00	44.63 1.92 0.00	55.42 2.59 0.00	62.01 3.18 0.00	61.91 3.17 0.00	58.84 2.91 0.00	58.32 2.67 0.00	56.50 2.54 0.00	54.66 2.55 0.00	57.73 2.59 0.00	62.00 2.67 0.00	63.21 2.43 0.00	71.20 2.67 0.00	85.99 3.55 0.00	72.40 3.25 0.00	68.98 2.91 0.00	65.12 2.62 0.00	62.20 2.62 0.00	61.67 2.71 0.00	58.13 2.45 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	47.97 2.24 0.00	43.71 1.88 0.00	40.63 1.79 0.00	39.94 1.72 0.00	39.85 1.64 0.00	44.71 2.01 0.00	55.32 2.48 0.00	61.83 3.00 0.00	61.80 3.05 0.00	58.62 2.68 0.00	58.10 2.45 0.00	56.23 2.27 0.00	54.40 2.29 0.00	57.46 2.32 0.00	61.76 2.43 0.00	63.21 2.43 0.00	71.27 2.74 0.00	85.91 3.46 0.00	72.33 3.18 0.00	69.05 2.97 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.67 2.71 0.00	58.13 2.45 0.00
POLETTI_____ 23519	42.67 2.10 5.16	42.72 1.76 0.86	40.51 1.67 0.00	39.90 1.68 0.00	39.73 1.53 0.00	42.67 1.92 1.95	42.71 2.59 12.71	42.53 3.18 19.48	42.53 3.17 19.39	42.59 3.02 16.36	56.77 2.67 1.55	56.53 2.59 0.02	54.75 2.66 0.02	56.56 2.59 1.18	56.64 2.55 5.24	57.12 2.31 5.97	65.04 2.54 6.03	79.73 3.30 6.02	66.25 3.11 6.02	62.82 2.78 6.03	58.90 2.44 6.04	56.82 2.50 5.26	56.95 2.59 4.60	58.13 2.45 0.00
POMONA___ESR 323819	47.56 1.83 0.00	43.42 1.59 0.00	40.28 1.44 0.00	39.64 1.42 0.00	39.50 1.30 0.00	44.42 1.71 0.00	54.95 2.12 0.00	61.54 2.71 0.00	61.50 2.76 0.00	58.39 2.46 0.00	57.88 2.23 0.00	56.06 2.10 0.00	54.30 2.19 0.00	57.56 2.42 0.00	61.70 2.38 0.00	62.78 2.00 0.00	70.66 2.13 0.00	85.33 2.88 0.00	71.64 2.49 0.00	68.38 2.31 0.00	64.68 2.19 0.00	61.84 2.26 0.00	61.14 2.18 0.00	57.41 1.73 0.00
PORT_JEFF_3 23555	49.62 3.88 -0.01	45.09 3.26 0.00	41.72 2.87 0.00	40.90 2.67 0.00	40.69 2.48 0.00	46.39 3.67 -0.01	57.61 4.76 -0.02	64.50 5.65 -0.02	64.33 5.58 -0.01	60.86 4.92 0.00	60.33 4.68 -0.01	58.29 4.32 -0.01	56.44 4.32 -0.01	59.78 4.63 -0.01	64.20 4.87 -0.01	69.65 4.68 -4.19	85.05 5.14 -11.38	101.44 6.60 -12.40	107.56 5.60 -32.81	103.94 5.16 -32.71	90.12 4.88 -22.74	84.45 4.82 -20.05	64.23 5.25 -0.02	60.42 4.68 -0.06
PORT_JEFF_4 23616	49.62 3.88 -0.01	45.09 3.26 0.00	41.72 2.87 0.00	40.90 2.67 0.00	40.69 2.48 0.00	46.39 3.67 -0.01	57.61 4.76 -0.02	64.50 5.65 -0.02	64.33 5.58 -0.01	60.86 4.92 0.00	60.33 4.68 -0.01	58.29 4.32 -0.01	56.44 4.32 -0.01	59.78 4.63 -0.01	64.20 4.87 -0.01	69.65 4.68 -4.19	85.05 5.14 -11.38	101.44 6.60 -12.40	107.56 5.60 -32.81	103.94 5.16 -32.71	90.12 4.88 -22.74	84.45 4.82 -20.05	64.23 5.25 -0.02	60.42 4.68 -0.06

PORT_JEFF_IC 23713	49.57 3.84 0.00	45.05 3.22 0.00	41.76 2.91 0.00	40.97 2.75 0.00	40.73 2.52 0.00	46.34 3.63 0.00	57.60 4.76 -0.02	64.38 5.53 -0.02	64.26 5.52 0.00	60.46 4.53 0.00	60.27 4.62 0.00	58.22 4.26 0.00	56.28 4.17 0.00	59.50 4.36 0.00	64.07 4.75 0.00	69.65 4.68 -4.19	85.19 5.28 -11.38	101.44 6.60 -12.40	107.84 5.88 -32.81	104.14 5.35 -32.71	90.11 4.87 -22.74	84.45 4.83 -20.05	64.29 5.31 -0.02	60.70 4.96 -0.06
PPL PILGRIM_ST_GT1 24216	49.76 4.02 -0.01	45.26 3.43 0.00	41.87 3.03 0.00	41.05 2.83 0.00	40.84 2.63 0.00	46.51 3.80 -0.01	57.76 4.91 -0.02	64.67 5.83 -0.02	64.57 5.82 -0.01	61.14 5.20 0.00	60.61 4.95 -0.01	58.55 4.58 -0.01	56.71 4.59 -0.01	60.05 4.91 -0.01	64.49 5.16 -0.01	69.89 4.92 -4.19	85.26 5.35 -11.38	101.61 6.76 -12.40	107.69 5.74 -32.81	104.14 5.35 -32.71	90.30 5.06 -22.74	84.63 5.01 -20.05	64.29 5.31 -0.02	60.47 4.73 -0.06
PPL PILGRIM_ST_GT2 24217	49.76 4.02 -0.01	45.26 3.43 0.00	41.87 3.03 0.00	41.05 2.83 0.00	40.84 2.63 0.00	46.51 3.80 -0.01	57.76 4.91 -0.02	64.67 5.83 -0.02	64.57 5.82 -0.01	61.14 5.20 0.00	60.61 4.95 -0.01	58.55 4.58 -0.01	56.71 4.59 -0.01	60.05 4.91 -0.01	64.49 5.16 -0.01	69.89 4.92 -4.19	85.26 5.35 -11.38	101.61 6.76 -12.40	107.69 5.74 -32.81	104.14 5.35 -32.71	90.30 5.06 -22.74	84.63 5.01 -20.05	64.29 5.31 -0.02	60.47 4.73 -0.06
PPL_SHRM_GT3 24213	49.76 4.02 -0.01	45.21 3.39 0.00	41.83 2.99 0.00	40.98 2.75 0.00	40.76 2.56 0.00	46.56 3.85 -0.01	57.81 4.96 -0.02	64.73 5.88 -0.02	64.57 5.82 -0.01	60.91 4.98 0.00	60.38 4.73 -0.01	58.29 4.32 -0.01	56.44 4.32 -0.01	59.78 4.63 -0.01	64.32 4.98 -0.01	69.84 4.86 -4.19	85.39 5.48 -11.38	101.85 7.00 -12.40	107.97 6.01 -32.81	104.27 5.48 -32.71	90.42 5.18 -22.74	84.75 5.12 -20.05	64.70 5.72 -0.02	60.86 5.12 -0.06
PPL_SHRM_GT4 24214	49.76 4.02 -0.01	45.21 3.39 0.00	41.83 2.99 0.00	40.98 2.75 0.00	40.76 2.56 0.00	46.56 3.85 -0.01	57.81 4.96 -0.02	64.73 5.88 -0.02	64.57 5.82 -0.01	60.91 4.98 0.00	60.38 4.73 -0.01	58.29 4.32 -0.01	56.44 4.32 -0.01	59.78 4.63 -0.01	64.32 4.98 -0.01	69.84 4.86 -4.19	85.39 5.48 -11.38	101.85 7.00 -12.40	107.97 6.01 -32.81	104.27 5.48 -32.71	90.42 5.18 -22.74	84.75 5.12 -20.05	64.70 5.72 -0.02	60.86 5.12 -0.06
PROJECT___ORANGE 1 24174	44.63 -1.10 0.00	40.86 -0.96 0.00	37.95 -0.89 0.00	37.38 -0.84 0.00	37.40 -0.80 0.00	41.68 -1.02 0.00	51.51 -1.32 0.00	57.36 -1.47 0.00	57.39 -1.35 0.00	54.76 -1.17 0.00	54.54 -1.11 0.00	52.88 -1.08 0.00	50.96 -1.15 0.00	53.98 -1.16 0.00	58.08 -1.25 0.00	59.56 -1.22 0.00	67.30 -1.23 0.00	80.80 -1.65 0.00	67.63 -1.52 0.00	64.49 -1.59 0.00	60.94 -1.56 0.00	58.03 -1.55 0.00	57.37 -1.59 0.00	54.18 -1.50 0.00
PROJECT___ORANGE 2 24166	44.63 -1.10 0.00	40.86 -0.96 0.00	37.95 -0.89 0.00	37.38 -0.84 0.00	37.40 -0.80 0.00	41.68 -1.02 0.00	51.51 -1.32 0.00	57.36 -1.47 0.00	57.39 -1.35 0.00	54.76 -1.17 0.00	54.54 -1.11 0.00	52.88 -1.08 0.00	50.96 -1.15 0.00	53.98 -1.16 0.00	58.08 -1.25 0.00	59.56 -1.22 0.00	67.30 -1.23 0.00	80.80 -1.65 0.00	67.63 -1.52 0.00	64.49 -1.59 0.00	60.94 -1.56 0.00	58.03 -1.55 0.00	57.37 -1.59 0.00	54.18 -1.50 0.00
PUCKETT___SOLAR 323809	45.63 -0.09 0.00	41.78 -0.04 0.00	38.80 -0.04 0.00	38.22 0.00 0.00	38.24 0.04 0.00	42.62 -0.09 0.00	52.83 0.00 0.00	58.89 0.06 0.00	58.86 0.12 0.00	56.16 0.22 0.00	55.87 0.22 0.00	54.12 0.16 0.00	52.22 0.10 0.00	55.31 0.17 0.00	59.98 0.65 0.00	61.69 0.91 0.00	69.90 1.37 0.00	84.18 1.73 0.00	70.33 1.17 0.00	67.19 1.12 0.00	63.31 0.81 0.00	60.17 0.60 0.00	59.49 0.53 0.00	56.46 0.78 0.00
PYRITES___HYD 24023	47.37 1.65 0.00	43.42 1.59 0.00	40.24 1.40 0.00	39.48 1.26 0.00	39.50 1.30 0.00	44.16 1.45 0.00	54.74 1.90 0.00	61.19 2.35 0.00	60.92 2.17 0.00	57.72 1.79 0.00	57.49 1.84 0.00	55.69 1.73 0.00	54.09 1.98 0.00	57.07 1.93 0.00	61.52 2.20 0.00	63.15 2.37 0.00	71.27 2.74 0.00	85.33 2.89 0.00	71.57 2.42 0.00	68.72 2.64 0.00	65.31 2.81 0.00	62.38 2.80 0.00	61.73 2.77 0.00	58.08 2.39 0.00
QUAKERRD_115KV_BK1 80622	42.52 -3.20 0.00	39.02 -2.80 0.00	36.12 -2.72 0.00	35.62 -2.60 0.00	35.76 -2.45 0.00	39.67 -3.03 0.00	48.77 -4.07 0.00	54.30 -4.53 0.00	54.45 -4.29 0.00	52.52 -3.41 0.00	52.37 -3.28 0.00	50.89 -3.08 0.00	48.88 -3.23 0.00	51.94 -3.20 0.00	56.06 -3.26 0.00	57.19 -3.59 0.00	64.69 -3.84 0.00	77.75 -4.70 0.00	64.59 -4.56 0.00	61.45 -4.63 0.00	58.19 -4.31 0.00	55.29 -4.29 0.00	54.54 -4.42 0.00	51.73 -3.95 0.00
QUENSBRY_115KV_TB8 356137	47.92 2.19 0.00	43.75 1.92 0.00	40.63 1.79 0.00	39.98 1.76 0.00	39.96 1.76 0.00	44.93 2.22 0.00	55.58 2.75 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.56 2.63 0.00	58.04 2.39 0.00	56.01 2.05 0.00	53.78 1.67 0.00	56.96 1.82 0.00	61.34 2.02 0.00	63.39 2.61 0.00	71.55 3.02 0.00	86.57 4.12 0.00	72.89 3.73 0.00	69.64 3.57 0.00	65.87 3.37 0.00	62.73 3.16 0.00	62.09 3.12 0.00	58.47 2.78 0.00
RAMAPO___LBMP 323565	47.33 1.60 0.00	43.21 1.38 0.00	40.16 1.32 0.00	39.56 1.34 0.00	39.39 1.18 0.00	44.20 1.49 0.00	54.74 1.90 0.00	61.19 2.35 0.00	61.15 2.41 0.00	58.06 2.13 0.00	57.60 1.95 0.00	55.80 1.83 0.00	53.99 1.88 0.00	57.12 1.99 0.00	61.34 2.02 0.00	62.54 1.76 0.00	70.38 1.85 0.00	84.92 2.47 0.00	71.50 2.35 0.00	68.19 2.11 0.00	64.37 1.87 0.00	61.48 1.91 0.00	60.97 2.00 0.00	57.46 1.78 0.00
RANKINE____ 23646	41.43 -4.30 0.00	38.23 -3.60 0.00	35.39 -3.46 0.00	34.97 -3.25 0.00	35.34 -2.87 0.00	38.48 -4.23 0.00	46.97 -5.86 0.00	52.30 -6.53 0.00	52.81 -5.93 0.00	51.96 -3.97 0.00	52.03 -3.62 0.00	50.72 -3.24 0.00	48.46 -3.65 0.00	52.27 -2.87 0.00	56.60 -2.73 0.00	57.37 -3.40 0.00	64.83 -3.70 0.00	77.67 -4.78 0.00	63.76 -5.39 0.00	60.65 -5.42 0.00	57.69 -4.81 0.00	54.39 -5.18 0.00	53.89 -5.07 0.00	51.67 -4.01 0.00
RAVENSWOOD_GT2_1 24244	47.97 2.24 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.19 3.35 0.00	62.09 3.35 0.00	59.07 3.13 0.00	58.49 2.84 0.00	56.71 2.75 0.00	54.87 2.76 0.00	57.90 2.76 0.00	62.06 2.73 0.00	63.27 2.49 0.00	71.27 2.74 0.00	85.99 3.55 0.00	72.47 3.32 0.00	69.05 2.97 0.00	65.12 2.62 0.00	62.26 2.68 0.00	61.73 2.77 0.00	58.30 2.62 0.00
RAVENSWOOD_GT2_2 24245	47.97 2.24 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.19 3.35 0.00	62.09 3.35 0.00	59.07 3.13 0.00	58.49 2.84 0.00	56.71 2.75 0.00	54.87 2.76 0.00	57.90 2.76 0.00	62.06 2.73 0.00	63.27 2.49 0.00	71.27 2.74 0.00	85.99 3.55 0.00	72.47 3.32 0.00	69.05 2.97 0.00	65.12 2.62 0.00	62.26 2.68 0.00	61.73 2.77 0.00	58.30 2.62 0.00

RAVENSWOOD_GT2_3 24246	47.97 2.24 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.88 1.68 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.19 3.35 0.00	62.09 3.35 0.00	59.07 3.13 0.00	58.49 2.84 0.00	56.71 2.75 0.00	54.92 2.81 0.00	57.90 2.76 0.00	62.06 2.73 0.00	63.27 2.49 0.00	71.27 2.74 0.00	85.99 3.55 0.00	72.54 3.39 0.00	69.11 3.04 0.00	65.18 2.69 0.00	62.26 2.68 0.00	61.79 2.83 0.00	58.30 2.62 0.00
RAVENSWOOD_GT2_4 24247	47.97 2.24 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.88 1.68 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.19 3.35 0.00	62.09 3.35 0.00	59.07 3.13 0.00	58.49 2.84 0.00	56.71 2.75 0.00	54.92 2.81 0.00	57.90 2.76 0.00	62.06 2.73 0.00	63.27 2.49 0.00	71.27 2.74 0.00	85.99 3.55 0.00	72.54 3.39 0.00	69.11 3.04 0.00	65.18 2.69 0.00	62.26 2.68 0.00	61.79 2.83 0.00	58.30 2.62 0.00
RAVENSWOOD_GT3_1 24248	47.92 2.19 0.00	43.71 1.88 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.19 3.35 0.00	62.09 3.35 0.00	59.07 3.13 0.00	58.49 2.84 0.00	56.71 2.75 0.00	54.87 2.76 0.00	57.90 2.76 0.00	62.06 2.73 0.00	63.27 2.49 0.00	71.27 2.74 0.00	85.99 3.55 0.00	72.47 3.32 0.00	69.05 2.97 0.00	65.12 2.62 0.00	62.26 2.68 0.00	61.73 2.77 0.00	58.30 2.62 0.00
RAVENSWOOD_GT3_2 24249	47.92 2.19 0.00	43.71 1.88 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.19 3.35 0.00	62.09 3.35 0.00	59.07 3.13 0.00	58.49 2.84 0.00	56.71 2.75 0.00	54.87 2.76 0.00	57.90 2.76 0.00	62.06 2.73 0.00	63.27 2.49 0.00	71.27 2.74 0.00	85.99 3.55 0.00	72.47 3.32 0.00	69.05 2.97 0.00	65.12 2.62 0.00	62.26 2.68 0.00	61.73 2.77 0.00	58.30 2.62 0.00
RAVENSWOOD_GT3_3 24250	48.01 2.29 0.00	43.79 1.97 0.00	40.71 1.86 0.00	40.06 1.83 0.00	39.88 1.68 0.00	44.80 2.09 0.00	55.63 2.80 0.00	62.25 3.41 0.00	62.15 3.41 0.00	59.12 3.19 0.00	58.54 2.89 0.00	56.77 2.81 0.00	54.98 2.87 0.00	57.95 2.81 0.00	62.12 2.79 0.00	63.33 2.55 0.00	71.34 2.81 0.00	86.08 3.63 0.00	72.61 3.46 0.00	69.18 3.11 0.00	65.25 2.75 0.00	62.32 2.74 0.00	61.85 2.89 0.00	58.36 2.67 0.00
RAVENSWOOD_GT3_4 24251	48.01 2.29 0.00	43.79 1.97 0.00	40.71 1.86 0.00	40.06 1.83 0.00	39.88 1.68 0.00	44.80 2.09 0.00	55.63 2.80 0.00	62.25 3.41 0.00	62.15 3.41 0.00	59.12 3.19 0.00	58.54 2.89 0.00	56.77 2.81 0.00	54.98 2.87 0.00	57.95 2.81 0.00	62.12 2.79 0.00	63.33 2.55 0.00	71.34 2.81 0.00	86.08 3.63 0.00	72.61 3.46 0.00	69.18 3.11 0.00	65.25 2.75 0.00	62.32 2.74 0.00	61.85 2.89 0.00	58.36 2.67 0.00
RAVENSWOOD_GT_1 23729	48.24 2.51 0.00	44.00 2.17 0.00	40.86 2.02 0.00	40.17 1.95 0.00	40.00 1.80 0.00	44.84 2.14 0.00	55.74 2.91 0.00	62.19 3.35 0.00	62.09 3.35 0.00	59.07 3.13 0.00	58.43 2.78 0.00	56.71 2.75 0.00	54.98 2.87 0.00	57.90 2.76 0.00	62.06 2.73 0.00	63.21 2.43 0.00	71.07 2.54 0.00	85.75 3.30 0.00	72.33 3.18 0.00	68.91 2.84 0.00	65.06 2.56 0.00	62.20 2.62 0.00	61.73 2.77 0.00	58.47 2.78 0.00
RAVENSWOOD_GT_10 24258	47.97 2.24 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.19 3.35 0.00	62.09 3.35 0.00	59.07 3.13 0.00	58.49 2.84 0.00	56.71 2.75 0.00	54.87 2.76 0.00	57.90 2.76 0.00	62.06 2.73 0.00	63.27 2.49 0.00	71.27 2.74 0.00	85.99 3.55 0.00	72.47 3.32 0.00	69.05 2.97 0.00	65.12 2.62 0.00	62.26 2.68 0.00	61.73 2.77 0.00	58.30 2.62 0.00
RAVENSWOOD_GT_11 24259	47.97 2.24 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.19 3.35 0.00	62.09 3.35 0.00	59.07 3.13 0.00	58.49 2.84 0.00	56.71 2.75 0.00	54.87 2.76 0.00	57.90 2.76 0.00	62.06 2.73 0.00	63.27 2.49 0.00	71.27 2.74 0.00	85.99 3.55 0.00	72.47 3.32 0.00	69.05 2.97 0.00	65.12 2.62 0.00	62.26 2.68 0.00	61.73 2.77 0.00	58.30 2.62 0.00
RAVENSWOOD_GT_4 24252	47.97 2.24 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.06 1.83 0.00	39.88 1.68 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.13 3.29 0.00	62.03 3.29 0.00	59.07 3.13 0.00	58.43 2.78 0.00	56.71 2.75 0.00	54.87 2.76 0.00	57.84 2.70 0.00	62.06 2.73 0.00	63.21 2.43 0.00	71.20 2.67 0.00	85.83 3.38 0.00	72.40 3.25 0.00	68.98 2.91 0.00	65.12 2.62 0.00	62.20 2.62 0.00	61.73 2.77 0.00	58.30 2.62 0.00
RAVENSWOOD_GT_5 24254	47.97 2.24 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.06 1.83 0.00	39.88 1.68 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.13 3.29 0.00	62.03 3.29 0.00	59.07 3.13 0.00	58.43 2.78 0.00	56.71 2.75 0.00	54.87 2.76 0.00	57.84 2.70 0.00	62.06 2.73 0.00	63.21 2.43 0.00	71.20 2.67 0.00	85.83 3.38 0.00	72.40 3.25 0.00	68.98 2.91 0.00	65.12 2.62 0.00	62.20 2.62 0.00	61.73 2.77 0.00	58.30 2.62 0.00
RAVENSWOOD_GT_6 24253	47.97 2.24 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.06 1.83 0.00	39.88 1.68 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.13 3.29 0.00	62.03 3.29 0.00	59.07 3.13 0.00	58.43 2.78 0.00	56.71 2.75 0.00	54.87 2.76 0.00	57.84 2.70 0.00	62.06 2.73 0.00	63.21 2.43 0.00	71.20 2.67 0.00	85.83 3.38 0.00	72.40 3.25 0.00	68.98 2.91 0.00	65.12 2.62 0.00	62.20 2.62 0.00	61.73 2.77 0.00	58.30 2.62 0.00
RAVENSWOOD_GT_7 24255	47.97 2.24 0.00	43.75 1.92 0.00	40.71 1.86 0.00	40.06 1.83 0.00	39.88 1.68 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.13 3.29 0.00	62.03 3.29 0.00	59.07 3.13 0.00	58.43 2.78 0.00	56.71 2.75 0.00	54.87 2.76 0.00	57.84 2.70 0.00	62.06 2.73 0.00	63.21 2.43 0.00	71.20 2.67 0.00	85.83 3.38 0.00	72.40 3.25 0.00	68.98 2.91 0.00	65.12 2.62 0.00	62.20 2.62 0.00	61.73 2.77 0.00	58.30 2.62 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	47.97 2.24 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.19 3.35 0.00	62.09 3.35 0.00	59.07 3.13 0.00	58.49 2.84 0.00	56.71 2.75 0.00	54.87 2.76 0.00	57.90 2.76 0.00	62.06 2.73 0.00	63.27 2.49 0.00	71.27 2.74 0.00	85.99 3.55 0.00	72.47 3.32 0.00	69.05 2.97 0.00	65.12 2.62 0.00	62.26 2.68 0.00	61.73 2.77 0.00	58.30 2.62 0.00
RAVENSWOOD_GT_9 24257	47.97 2.24 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.19 3.35 0.00	62.09 3.35 0.00	59.07 3.13 0.00	58.49 2.84 0.00	56.71 2.75 0.00	54.87 2.76 0.00	57.90 2.76 0.00	62.06 2.73 0.00	63.27 2.49 0.00	71.27 2.74 0.00	85.99 3.55 0.00	72.47 3.32 0.00	69.05 2.97 0.00	65.12 2.62 0.00	62.26 2.68 0.00	61.73 2.77 0.00	58.30 2.62 0.00

RAVENSWOOD___1 23533	48.34 2.60 -0.01	44.05 2.22 -0.01	40.78 1.94 0.00	40.09 1.87 0.00	40.00 1.80 0.00	44.97 2.26 0.00	55.74 2.90 0.00	62.48 3.65 0.00	62.33 3.58 0.00	59.35 3.41 0.00	58.65 3.00 0.00	56.93 2.97 0.00	55.18 3.07 0.00	58.34 3.20 0.00	62.29 2.97 0.00	63.27 2.49 0.00	71.07 2.54 0.00	85.91 3.46 0.00	72.19 3.04 0.00	68.78 2.71 0.00	65.18 2.69 0.00	62.38 2.80 0.00	61.79 2.83 0.00	58.07 2.39 0.00
RAVENSWOOD___2 23534	48.34 2.60 -0.01	44.05 2.22 -0.01	40.78 1.94 0.00	40.09 1.87 0.00	40.00 1.80 0.00	44.93 2.22 0.00	55.74 2.90 0.00	62.42 3.59 0.00	62.33 3.58 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.93 2.97 0.00	55.18 3.07 0.00	58.34 3.20 0.00	62.23 2.91 0.00	63.27 2.49 0.00	71.07 2.54 0.00	85.83 3.38 0.00	72.19 3.04 0.00	68.78 2.71 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.73 2.77 0.00	58.07 2.39 0.00
RAVENSWOOD___3 23535	48.06 2.33 0.00	43.79 1.97 0.00	40.63 1.79 0.00	39.94 1.72 0.00	39.85 1.64 0.00	44.84 2.13 0.00	55.63 2.80 0.00	62.42 3.59 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.08 2.97 0.00	58.28 3.14 0.00	62.35 3.02 0.00	63.39 2.61 0.00	71.27 2.74 0.00	86.16 3.71 0.00	72.33 3.18 0.00	68.98 2.90 0.00	65.24 2.75 0.00	62.44 2.86 0.00	61.79 2.83 0.00	58.02 2.34 0.00
RAVENSWOOD___4 23820	48.34 2.60 -0.01	44.05 2.22 -0.01	40.78 1.94 0.00	40.09 1.87 0.00	39.96 1.76 0.00	44.93 2.22 0.00	55.68 2.85 0.00	62.42 3.59 0.00	62.27 3.52 0.00	59.29 3.36 0.00	58.65 3.00 0.00	56.87 2.91 0.00	55.18 3.07 0.00	58.34 3.20 0.00	62.23 2.91 0.00	63.21 2.43 0.00	71.07 2.54 0.00	85.83 3.38 0.00	72.12 2.97 0.00	68.78 2.71 0.00	65.18 2.69 0.00	62.32 2.74 0.00	61.73 2.77 0.00	58.07 2.39 0.00
RCPL_TRUST___DRP 24196	47.92 2.19 0.00	43.71 1.88 0.00	40.63 1.79 0.00	39.98 1.76 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.19 3.35 0.00	62.09 3.35 0.00	59.07 3.13 0.00	58.49 2.84 0.00	56.71 2.75 0.00	54.87 2.76 0.00	57.90 2.76 0.00	62.12 2.79 0.00	63.33 2.55 0.00	71.34 2.81 0.00	86.08 3.63 0.00	72.54 3.39 0.00	69.11 3.04 0.00	65.18 2.69 0.00	62.26 2.68 0.00	61.73 2.77 0.00	58.24 2.56 0.00
RED___ROCHESTER 323720	43.44 -2.28 0.00	39.90 -1.92 0.00	37.10 -1.75 0.00	36.65 -1.57 0.00	36.67 -1.53 0.00	40.44 -2.26 0.00	49.88 -2.96 0.00	55.42 -3.41 0.00	55.63 -3.12 0.00	53.86 -2.07 0.00	53.65 -2.00 0.00	52.18 -1.78 0.00	49.97 -2.14 0.00	52.83 -2.31 0.00	57.37 -1.96 0.00	58.77 -2.00 0.00	66.33 -2.20 0.00	79.89 -2.56 0.00	66.31 -2.84 0.00	63.63 -2.44 0.00	59.62 -2.87 0.00	56.54 -3.04 0.00	55.96 -3.00 0.00	54.07 -1.62 0.00
REGAN___SOLAR 323812	48.28 2.56 0.00	44.00 2.17 0.00	40.82 1.98 0.00	40.17 1.95 0.00	40.15 1.95 0.00	45.22 2.52 0.00	56.11 3.28 0.00	62.54 3.71 0.00	61.97 3.23 0.00	58.11 2.18 0.00	57.26 1.61 0.00	55.20 1.24 0.00	53.05 0.94 0.00	56.24 1.10 0.00	60.93 1.60 0.00	63.64 2.86 0.00	72.50 3.97 0.00	87.89 5.44 0.00	74.06 4.91 0.00	70.70 4.62 0.00	66.87 4.37 0.00	63.75 4.17 0.00	63.03 4.07 0.00	59.25 3.57 0.00
RENSSELAER___COGEN 23796	47.14 1.42 0.00	43.00 1.17 0.00	39.97 1.13 0.00	39.29 1.07 0.00	39.24 1.03 0.00	43.99 1.28 0.00	54.37 1.53 0.00	59.77 0.94 0.00	59.56 0.82 0.00	56.66 0.73 0.00	56.43 0.78 0.00	54.66 0.70 0.00	52.79 0.68 0.00	55.91 0.77 0.00	59.92 0.59 0.00	61.39 0.61 0.00	68.74 0.21 0.00	82.86 0.41 0.00	69.57 0.42 0.00	66.47 0.40 0.00	63.25 0.75 0.00	60.41 0.83 0.00	59.79 0.83 0.00	56.40 0.72 0.00
REPUBLIC_115KV_BARTNBRK 55605	49.43 3.70 0.00	45.05 3.22 0.00	41.79 2.95 0.00	41.13 2.90 0.00	41.15 2.94 0.00	46.38 3.67 0.00	57.43 4.60 0.00	64.25 5.41 0.00	64.09 5.35 0.00	60.46 4.53 0.00	59.82 4.17 0.00	57.68 3.72 0.00	55.19 3.07 0.00	58.50 3.36 0.00	63.07 3.74 0.00	65.52 4.74 0.00	74.15 5.62 0.00	89.95 7.50 0.00	75.79 6.64 0.00	72.48 6.41 0.00	68.56 6.06 0.00	65.18 5.60 0.00	64.50 5.54 0.00	60.69 5.01 0.00
REVERE_CPPR_DRP 24186	46.59 0.87 0.00	42.66 0.84 0.00	39.54 0.70 0.00	38.87 0.65 0.00	38.89 0.69 0.00	43.60 0.90 0.00	54.10 1.27 0.00	60.48 1.65 0.00	60.39 1.64 0.00	57.22 1.29 0.00	56.98 1.34 0.00	55.15 1.19 0.00	53.47 1.35 0.00	56.74 1.60 0.00	61.23 1.90 0.00	63.03 2.25 0.00	71.41 2.88 0.00	85.83 3.38 0.00	71.85 2.70 0.00	68.52 2.44 0.00	64.75 2.25 0.00	61.54 1.97 0.00	60.79 1.83 0.00	57.19 1.50 0.00
REYNLDPA_13_KV_LD 356490	46.45 0.73 0.00	42.54 0.71 0.00	39.50 0.66 0.00	38.80 0.57 0.00	38.85 0.65 0.00	43.39 0.68 0.00	53.73 0.90 0.00	59.77 0.94 0.00	59.68 0.94 0.00	56.77 0.84 0.00	56.54 0.89 0.00	54.82 0.86 0.00	53.05 0.94 0.00	55.97 0.83 0.00	60.22 0.89 0.00	61.75 0.97 0.00	69.90 1.37 0.00	82.78 0.33 0.00	70.40 1.25 0.00	67.32 1.25 0.00	63.75 1.25 0.00	60.77 1.19 0.00	60.14 1.18 0.00	56.74 1.06 0.00
REYNOLDS_115KV_TB3 80639	47.42 1.69 0.00	43.29 1.46 0.00	40.20 1.36 0.00	39.56 1.34 0.00	39.50 1.30 0.00	44.24 1.54 0.00	54.74 1.90 0.00	60.42 1.59 0.00	60.33 1.59 0.00	57.39 1.45 0.00	57.04 1.39 0.00	55.31 1.35 0.00	53.36 1.25 0.00	56.46 1.32 0.00	60.63 1.31 0.00	62.18 1.40 0.00	69.76 1.23 0.00	84.02 1.57 0.00	70.60 1.45 0.00	67.46 1.39 0.00	63.93 1.44 0.00	61.01 1.43 0.00	60.55 1.59 0.00	57.30 1.61 0.00
RIVERBAY____ 323610	48.51 2.79 0.00	44.25 2.43 0.00	41.17 2.33 0.00	40.48 2.26 0.00	40.31 2.10 0.00	45.05 2.35 0.00	55.95 3.12 0.00	62.42 3.59 0.00	62.27 3.52 0.00	59.23 3.30 0.00	58.60 2.95 0.00	56.87 2.91 0.00	55.08 2.97 0.00	58.01 2.87 0.00	62.18 2.85 0.00	63.33 2.55 0.00	71.27 2.74 0.00	85.91 3.46 0.00	72.54 3.39 0.00	69.11 3.04 0.00	65.25 2.75 0.00	62.38 2.80 0.00	61.97 3.01 0.00	58.74 3.06 0.00
RIVERSDE_115KV_TB3 55908	47.37 1.65 0.00	43.25 1.42 0.00	40.20 1.36 0.00	39.52 1.30 0.00	39.46 1.26 0.00	44.24 1.54 0.00	54.68 1.85 0.00	60.25 1.41 0.00	60.15 1.41 0.00	57.16 1.23 0.00	56.87 1.22 0.00	55.09 1.13 0.00	53.15 1.04 0.00	56.24 1.10 0.00	60.40 1.07 0.00	61.93 1.15 0.00	69.49 0.96 0.00	83.69 1.24 0.00	70.33 1.18 0.00	67.20 1.12 0.00	63.75 1.25 0.00	60.83 1.25 0.00	60.32 1.36 0.00	57.13 1.45 0.00
ROARING___BROOK_WT_PWR 323790	44.58 -1.14 0.00	40.74 -1.09 0.00	37.83 -1.01 0.00	37.19 -1.03 0.00	37.21 -0.99 0.00	41.68 -1.03 0.00	51.67 -1.16 0.00	57.78 -1.06 0.00	57.92 -0.82 0.00	55.37 -0.56 0.00	55.32 -0.33 0.00	53.80 -0.16 0.00	52.06 -0.05 0.00	55.14 0.00 0.00	59.39 0.06 0.00	60.90 0.12 0.00	68.74 0.21 0.00	82.61 0.17 0.00	69.29 0.14 0.00	66.21 0.13 0.00	62.56 0.06 0.00	59.52 -0.06 0.00	58.73 -0.23 0.00	55.23 -0.45 0.00

ROCHESRG_115KV_T4 355643	42.94 -2.79 0.00	39.40 -2.43 0.00	36.47 -2.37 0.00	35.97 -2.26 0.00	36.14 -2.06 0.00	39.97 -2.73 0.00	49.03 -3.80 0.00	54.66 -4.18 0.00	54.87 -3.88 0.00	53.02 -2.91 0.00	52.92 -2.73 0.00	51.48 -2.48 0.00	49.35 -2.76 0.00	52.60 -2.54 0.00	56.78 -2.55 0.00	57.86 -2.92 0.00	65.38 -3.15 0.00	78.49 -3.96 0.00	65.07 -4.08 0.00	61.91 -4.16 0.00	58.69 -3.81 0.00	55.70 -3.87 0.00	54.95 -4.01 0.00	52.29 -3.40 0.00
ROCHESTER_9_IC 23652	43.21 -2.51 0.00	39.69 -2.13 0.00	36.71 -2.14 0.00	36.20 -2.03 0.00	36.41 -1.80 0.00	40.27 -2.43 0.00	49.45 -3.38 0.00	55.13 -3.71 0.00	55.34 -3.41 0.00	53.53 -2.41 0.00	53.37 -2.28 0.00	51.91 -2.05 0.00	49.82 -2.29 0.00	53.04 -2.10 0.00	57.25 -2.08 0.00	58.35 -2.43 0.00	65.99 -2.54 0.00	79.32 -3.13 0.00	65.76 -3.39 0.00	62.50 -3.57 0.00	59.25 -3.25 0.00	56.18 -3.40 0.00	55.42 -3.54 0.00	52.68 -3.01 0.00
ROCKVIEW_13_KV_LD 356306	47.97 2.24 0.00	43.75 1.92 0.00	40.67 1.83 0.00	40.02 1.80 0.00	39.88 1.68 0.00	44.80 2.09 0.00	55.58 2.75 0.00	62.25 3.41 0.00	62.21 3.47 0.00	59.07 3.13 0.00	58.60 2.95 0.00	56.77 2.81 0.00	54.92 2.81 0.00	58.01 2.87 0.00	62.23 2.91 0.00	63.45 2.67 0.00	71.55 3.02 0.00	86.41 3.96 0.00	72.75 3.60 0.00	69.38 3.30 0.00	65.43 2.94 0.00	62.50 2.92 0.00	61.91 2.95 0.00	58.36 2.67 0.00
ROME____115KV_TB2 80656	46.59 0.87 0.00	42.66 0.84 0.00	39.54 0.70 0.00	38.87 0.65 0.00	38.89 0.69 0.00	43.60 0.90 0.00	54.10 1.27 0.00	60.48 1.65 0.00	60.39 1.64 0.00	57.22 1.29 0.00	56.98 1.34 0.00	55.15 1.19 0.00	53.47 1.35 0.00	56.74 1.60 0.00	61.23 1.90 0.00	63.03 2.25 0.00	71.41 2.88 0.00	85.83 3.38 0.00	71.85 2.70 0.00	68.52 2.44 0.00	64.75 2.25 0.00	61.54 1.97 0.00	60.79 1.83 0.00	57.19 1.50 0.00
ROSETON___1 23587	47.51 1.78 0.00	43.33 1.50 0.00	40.24 1.40 0.00	39.56 1.34 0.00	39.46 1.26 0.00	44.37 1.66 0.00	54.89 2.06 0.00	61.48 2.65 0.00	61.39 2.65 0.00	58.34 2.40 0.00	57.82 2.17 0.00	56.01 2.05 0.00	54.25 2.14 0.00	57.45 2.32 0.00	61.58 2.25 0.00	62.72 1.94 0.00	70.52 1.99 0.00	85.17 2.72 0.00	71.50 2.35 0.00	68.19 2.11 0.00	64.62 2.13 0.00	61.72 2.14 0.00	61.08 2.12 0.00	57.41 1.73 0.00
ROSETON___2 23588	47.51 1.78 0.00	43.33 1.50 0.00	40.24 1.40 0.00	39.56 1.34 0.00	39.46 1.26 0.00	44.37 1.66 0.00	54.89 2.06 0.00	61.48 2.65 0.00	61.39 2.65 0.00	58.34 2.40 0.00	57.82 2.17 0.00	56.01 2.05 0.00	54.25 2.14 0.00	57.45 2.32 0.00	61.58 2.25 0.00	62.72 1.94 0.00	70.52 1.99 0.00	85.17 2.72 0.00	71.50 2.35 0.00	68.19 2.11 0.00	64.62 2.13 0.00	61.72 2.14 0.00	61.08 2.12 0.00	57.41 1.73 0.00
ROTRRDAM_115KV_TB3 80664	47.05 1.33 0.00	42.96 1.13 0.00	39.89 1.05 0.00	39.25 1.03 0.00	39.20 0.99 0.00	43.94 1.24 0.00	54.42 1.59 0.00	60.60 1.76 0.00	60.50 1.76 0.00	57.44 1.51 0.00	57.04 1.39 0.00	55.26 1.30 0.00	53.31 1.20 0.00	56.41 1.27 0.00	60.69 1.36 0.00	62.30 1.52 0.00	70.24 1.71 0.00	84.67 2.23 0.00	71.16 2.01 0.00	67.92 1.85 0.00	64.25 1.75 0.00	61.30 1.73 0.00	60.67 1.71 0.00	57.30 1.61 0.00
RUSSELL___1 23602	43.39 -2.33 0.00	39.86 -1.97 0.00	36.82 -2.02 0.00	36.35 -1.87 0.00	36.52 -1.68 0.00	40.44 -2.26 0.00	49.66 -3.17 0.00	55.42 -3.41 0.00	55.63 -3.11 0.00	53.81 -2.13 0.00	53.70 -1.95 0.00	52.18 -1.78 0.00	50.08 -2.03 0.00	53.32 -1.82 0.00	57.55 -1.78 0.00	58.65 -2.13 0.00	66.41 -2.12 0.00	79.81 -2.64 0.00	66.18 -2.97 0.00	62.90 -3.17 0.00	59.62 -2.87 0.00	56.54 -3.04 0.00	55.66 -3.30 0.00	52.90 -2.78 0.00
RUSSELL___2 23532	43.39 -2.33 0.00	39.86 -1.97 0.00	36.82 -2.02 0.00	36.35 -1.87 0.00	36.52 -1.68 0.00	40.44 -2.26 0.00	49.66 -3.17 0.00	55.42 -3.41 0.00	55.63 -3.11 0.00	53.81 -2.13 0.00	53.70 -1.95 0.00	52.18 -1.78 0.00	50.08 -2.03 0.00	53.32 -1.82 0.00	57.55 -1.78 0.00	58.65 -2.13 0.00	66.41 -2.12 0.00	79.81 -2.64 0.00	66.18 -2.97 0.00	62.90 -3.17 0.00	59.62 -2.87 0.00	56.54 -3.04 0.00	55.66 -3.30 0.00	52.90 -2.78 0.00
RUSSELL___3 23549	43.39 -2.33 0.00	39.86 -1.97 0.00	36.82 -2.02 0.00	36.35 -1.87 0.00	36.52 -1.68 0.00	40.44 -2.26 0.00	49.66 -3.17 0.00	55.42 -3.41 0.00	55.63 -3.11 0.00	53.81 -2.13 0.00	53.70 -1.95 0.00	52.18 -1.78 0.00	50.08 -2.03 0.00	53.32 -1.82 0.00	57.55 -1.78 0.00	58.65 -2.13 0.00	66.41 -2.12 0.00	79.81 -2.64 0.00	66.18 -2.97 0.00	62.90 -3.17 0.00	59.62 -2.87 0.00	56.54 -3.04 0.00	55.66 -3.30 0.00	52.90 -2.78 0.00
RUSSELL___4 23556	43.39 -2.33 0.00	39.86 -1.97 0.00	36.82 -2.02 0.00	36.35 -1.87 0.00	36.52 -1.68 0.00	40.44 -2.26 0.00	49.66 -3.17 0.00	55.42 -3.41 0.00	55.63 -3.11 0.00	53.81 -2.13 0.00	53.70 -1.95 0.00	52.18 -1.78 0.00	50.08 -2.03 0.00	53.32 -1.82 0.00	57.55 -1.78 0.00	58.65 -2.13 0.00	66.41 -2.12 0.00	79.81 -2.64 0.00	66.18 -2.97 0.00	62.90 -3.17 0.00	59.62 -2.87 0.00	56.54 -3.04 0.00	55.66 -3.30 0.00	52.90 -2.78 0.00
RUSSELL___STATION 23914	43.39 -2.33 0.00	39.86 -1.97 0.00	36.82 -2.02 0.00	36.35 -1.87 0.00	36.52 -1.68 0.00	40.44 -2.26 0.00	49.66 -3.17 0.00	55.42 -3.41 0.00	55.63 -3.11 0.00	53.81 -2.13 0.00	53.70 -1.95 0.00	52.18 -1.78 0.00	50.08 -2.03 0.00	53.32 -1.82 0.00	57.55 -1.78 0.00	58.65 -2.13 0.00	66.41 -2.12 0.00	79.81 -2.64 0.00	66.18 -2.97 0.00	62.90 -3.17 0.00	59.62 -2.87 0.00	56.54 -3.04 0.00	55.66 -3.30 0.00	52.90 -2.78 0.00
S SALMON___HYD 24043	44.85 -0.87 0.00	41.07 -0.75 0.00	38.10 -0.74 0.00	37.49 -0.73 0.00	37.52 -0.69 0.00	41.89 -0.81 0.00	51.99 -0.85 0.00	57.83 -1.00 0.00	57.74 -1.00 0.00	54.87 -1.06 0.00	54.59 -1.06 0.00	53.10 -0.87 0.00	51.27 -0.84 0.00	54.31 -0.83 0.00	58.62 -0.71 0.00	60.36 -0.42 0.00	68.19 -0.34 0.00	81.96 -0.49 0.00	68.53 -0.62 0.00	65.41 -0.66 0.00	61.75 -0.75 0.00	58.92 -0.65 0.00	58.31 -0.65 0.00	55.02 -0.67 0.00
S.PERRY__115KV_TB1 80734	44.12 -1.60 0.00	40.49 -1.34 0.00	37.44 -1.40 0.00	36.96 -1.26 0.00	37.21 -0.99 0.00	41.21 -1.49 0.00	50.88 -1.95 0.00	56.89 -1.94 0.00	57.10 -1.64 0.00	55.15 -0.78 0.00	54.93 -0.72 0.00	53.42 -0.54 0.00	51.38 -0.73 0.00	54.81 -0.33 0.00	59.33 0.00 0.00	58.77 -2.01 0.00	66.89 -1.64 0.00	80.55 -1.90 0.00	66.73 -2.42 0.00	63.36 -2.71 0.00	60.06 -2.44 0.00	56.66 -2.92 0.00	55.66 -3.30 0.00	54.79 -0.89 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.15 -4.57 0.00	37.98 -3.85 0.00	35.11 -3.73 0.00	34.71 -3.52 0.00	35.03 -3.17 0.00	38.18 -4.53 0.00	46.39 -6.45 0.00	51.60 -7.24 0.00	52.10 -6.64 0.00	51.23 -4.70 0.00	51.25 -4.40 0.00	49.97 -3.99 0.00	47.73 -4.38 0.00	51.45 -3.69 0.00	55.65 -3.68 0.00	56.40 -4.38 0.00	63.66 -4.87 0.00	76.18 -6.27 0.00	62.58 -6.57 0.00	59.47 -6.61 0.00	56.56 -5.94 0.00	53.50 -6.08 0.00	53.01 -5.96 0.00	50.84 -4.84 0.00

SAWYER___23_KV_LOAD 55526	41.15 -4.57 0.00	37.98 -3.85 0.00	35.11 -3.73 0.00	34.71 -3.52 0.00	35.03 -3.17 0.00	38.18 -4.53 0.00	46.39 -6.45 0.00	51.60 -7.24 0.00	52.10 -6.64 0.00	51.23 -4.70 0.00	51.25 -4.40 0.00	49.97 -3.99 0.00	47.73 -4.38 0.00	51.45 -3.69 0.00	55.65 -3.68 0.00	56.40 -4.38 0.00	63.66 -4.87 0.00	76.18 -6.27 0.00	62.58 -6.57 0.00	59.47 -6.61 0.00	56.56 -5.94 0.00	53.50 -6.08 0.00	53.01 -5.96 0.00	50.84 -4.84 0.00
SELKIRK___I 23801	47.32 1.60 0.00	43.20 1.38 0.00	40.12 1.28 0.00	39.48 1.26 0.00	39.43 1.22 0.00	44.16 1.45 0.00	54.52 1.69 0.00	60.30 1.47 0.00	60.15 1.41 0.00	57.11 1.18 0.00	56.76 1.11 0.00	54.98 1.02 0.00	53.05 0.94 0.00	56.18 1.05 0.00	60.34 1.01 0.00	61.93 1.15 0.00	69.56 1.03 0.00	83.93 1.49 0.00	70.46 1.31 0.00	67.32 1.25 0.00	63.94 1.44 0.00	61.00 1.43 0.00	60.44 1.47 0.00	57.02 1.33 0.00
SELKIRK___II 23799	47.00 1.28 0.00	42.91 1.09 0.00	39.85 1.01 0.00	39.21 0.99 0.00	39.16 0.96 0.00	43.86 1.15 0.00	54.21 1.37 0.00	59.95 1.12 0.00	59.74 1.00 0.00	56.83 0.89 0.00	56.54 0.89 0.00	54.82 0.86 0.00	52.94 0.83 0.00	56.02 0.88 0.00	60.10 0.77 0.00	61.57 0.79 0.00	69.01 0.48 0.00	83.19 0.74 0.00	69.84 0.69 0.00	66.73 0.66 0.00	63.37 0.87 0.00	60.53 0.95 0.00	59.90 0.94 0.00	56.52 0.84 0.00
SENECA OSWGO___HYD 24041	44.22 -1.51 0.00	40.49 -1.34 0.00	37.64 -1.20 0.00	37.08 -1.15 0.00	37.09 -1.11 0.00	41.30 -1.41 0.00	51.14 -1.69 0.00	56.95 -1.88 0.00	56.92 -1.82 0.00	54.26 -1.68 0.00	54.03 -1.62 0.00	52.39 -1.57 0.00	50.49 -1.62 0.00	53.37 -1.77 0.00	57.55 -1.78 0.00	59.08 -1.70 0.00	66.61 -1.92 0.00	80.14 -2.31 0.00	67.08 -2.07 0.00	64.09 -1.98 0.00	60.50 -2.00 0.00	57.61 -1.96 0.00	57.02 -1.94 0.00	53.96 -1.73 0.00
SENECA___115KV_TB3 355854	41.47 -4.25 0.00	38.31 -3.51 0.00	35.77 -3.07 0.00	35.47 -2.75 0.00	35.57 -2.64 0.00	38.52 -4.18 0.00	47.29 -5.55 0.00	52.36 -6.47 0.00	52.87 -5.87 0.00	52.07 -3.86 0.00	52.09 -3.56 0.00	50.78 -3.18 0.00	48.36 -3.75 0.00	51.61 -3.53 0.00	56.54 -2.79 0.00	57.61 -3.16 0.00	64.96 -3.57 0.00	77.83 -4.62 0.00	64.11 -5.05 0.00	61.78 -4.29 0.00	57.75 -4.75 0.00	54.45 -5.12 0.00	54.30 -4.66 0.00	53.51 -2.17 0.00
SENECA___ENERGY 23797	44.40 -1.33 0.00	40.70 -1.13 0.00	37.80 -1.05 0.00	37.30 -0.92 0.00	37.36 -0.84 0.00	41.51 -1.20 0.00	51.35 -1.48 0.00	57.01 -1.82 0.00	57.04 -1.71 0.00	54.76 -1.18 0.00	54.59 -1.06 0.00	52.93 -1.03 0.00	50.96 -1.15 0.00	53.87 -1.27 0.00	58.14 -1.19 0.00	59.62 -1.16 0.00	67.36 -1.17 0.00	81.13 -1.32 0.00	67.70 -1.46 0.00	64.75 -1.32 0.00	60.87 -1.63 0.00	57.91 -1.67 0.00	57.37 -1.59 0.00	54.68 -1.00 0.00
SHOEMAKER___GT 23640	47.23 1.51 0.00	43.08 1.25 0.00	40.01 1.16 0.00	39.33 1.11 0.00	39.24 1.03 0.00	44.07 1.37 0.00	54.47 1.64 0.00	60.95 2.11 0.00	60.85 2.11 0.00	57.78 1.84 0.00	57.26 1.61 0.00	55.47 1.51 0.00	53.67 1.56 0.00	56.85 1.71 0.00	61.05 1.72 0.00	62.36 1.58 0.00	70.24 1.71 0.00	84.84 2.39 0.00	71.16 2.01 0.00	67.99 1.92 0.00	64.31 1.81 0.00	61.43 1.85 0.00	60.73 1.77 0.00	57.07 1.39 0.00
SHOEMAKR_138KV_BK 111 55601	47.14 1.42 0.00	43.04 1.21 0.00	40.01 1.17 0.00	39.37 1.15 0.00	39.24 1.03 0.00	43.99 1.28 0.00	54.42 1.59 0.00	60.83 2.00 0.00	60.74 2.00 0.00	57.67 1.73 0.00	57.21 1.56 0.00	55.42 1.46 0.00	53.62 1.51 0.00	56.68 1.54 0.00	60.93 1.60 0.00	62.30 1.52 0.00	70.24 1.71 0.00	84.67 2.23 0.00	71.23 2.07 0.00	67.99 1.92 0.00	64.18 1.69 0.00	61.30 1.73 0.00	60.67 1.71 0.00	57.19 1.50 0.00
SHOREHAM_IC_1 23715	49.76 4.02 -0.01	45.21 3.39 0.00	41.83 2.99 0.00	40.98 2.75 0.00	40.76 2.56 0.00	46.56 3.85 -0.01	57.81 4.96 -0.02	64.73 5.88 -0.02	64.57 5.82 -0.01	60.91 4.98 0.00	60.38 4.73 -0.01	58.29 4.32 -0.01	56.44 4.32 -0.01	59.78 4.63 -0.01	64.32 4.98 -0.01	69.84 4.86 -4.19	85.39 5.48 -11.38	101.85 7.00 -12.40	107.97 6.01 -32.81	104.27 5.48 -32.71	90.42 5.18 -22.74	84.75 5.12 -20.05	64.70 5.72 -0.02	60.86 5.12 -0.06
SHOREHAM_IC_2 23716	49.70 3.98 0.00	45.09 3.26 0.00	41.83 2.99 0.00	41.01 2.79 0.00	40.76 2.56 0.00	46.46 3.76 0.00	57.82 4.97 -0.02	64.56 5.71 -0.02	64.38 5.64 0.00	60.46 4.53 0.00	60.27 4.62 0.00	58.17 4.21 0.00	56.23 4.12 0.00	59.50 4.36 0.00	64.07 4.75 0.00	69.77 4.80 -4.19	85.39 5.48 -11.38	101.69 6.84 -12.40	108.11 6.15 -32.81	104.34 5.55 -32.71	90.30 5.06 -22.74	84.63 5.00 -20.05	64.64 5.66 -0.02	61.03 5.29 -0.06
SISSONVILLE____ 23735	46.73 1.01 0.00	42.79 0.96 0.00	39.70 0.85 0.00	38.99 0.76 0.00	39.01 0.80 0.00	43.56 0.85 0.00	54.00 1.16 0.00	60.25 1.41 0.00	60.03 1.29 0.00	57.00 1.06 0.00	56.76 1.11 0.00	55.09 1.13 0.00	53.41 1.30 0.00	56.35 1.21 0.00	60.75 1.42 0.00	62.36 1.58 0.00	70.17 1.64 0.00	83.85 1.40 0.00	70.26 1.11 0.00	67.46 1.39 0.00	64.25 1.75 0.00	61.48 1.91 0.00	60.85 1.89 0.00	57.30 1.61 0.00
SITHE_IND_GS1 24169	43.71 -2.01 0.00	40.07 -1.76 0.00	37.25 -1.59 0.00	36.69 -1.53 0.00	36.71 -1.49 0.00	40.87 -1.84 0.00	50.51 -2.32 0.00	56.19 -2.65 0.00	56.16 -2.58 0.00	53.59 -2.35 0.00	53.36 -2.28 0.00	51.75 -2.21 0.00	49.87 -2.24 0.00	52.77 -2.37 0.00	56.84 -2.49 0.00	58.28 -2.49 0.00	65.72 -2.81 0.00	79.06 -3.38 0.00	66.18 -2.97 0.00	63.30 -2.77 0.00	59.75 -2.75 0.00	56.90 -2.68 0.00	56.31 -2.65 0.00	53.35 -2.34 0.00
SITHE_IND_GS2 24170	43.71 -2.01 0.00	40.07 -1.76 0.00	37.25 -1.59 0.00	36.69 -1.53 0.00	36.71 -1.49 0.00	40.87 -1.84 0.00	50.51 -2.32 0.00	56.19 -2.65 0.00	56.16 -2.58 0.00	53.59 -2.35 0.00	53.36 -2.28 0.00	51.75 -2.21 0.00	49.87 -2.24 0.00	52.77 -2.37 0.00	56.84 -2.49 0.00	58.28 -2.49 0.00	65.72 -2.81 0.00	79.06 -3.38 0.00	66.18 -2.97 0.00	63.30 -2.77 0.00	59.75 -2.75 0.00	56.90 -2.68 0.00	56.31 -2.65 0.00	53.35 -2.34 0.00
SITHE_IND_GS3 24171	43.71 -2.01 0.00	40.07 -1.76 0.00	37.25 -1.59 0.00	36.69 -1.53 0.00	36.71 -1.49 0.00	40.87 -1.84 0.00	50.51 -2.32 0.00	56.19 -2.65 0.00	56.16 -2.58 0.00	53.59 -2.35 0.00	53.36 -2.28 0.00	51.75 -2.21 0.00	49.87 -2.24 0.00	52.77 -2.37 0.00	56.84 -2.49 0.00	58.28 -2.49 0.00	65.72 -2.81 0.00	79.06 -3.38 0.00	66.18 -2.97 0.00	63.30 -2.77 0.00	59.75 -2.75 0.00	56.90 -2.68 0.00	56.31 -2.65 0.00	53.35 -2.34 0.00
SITHE_IND_GS4 24172	43.71 -2.01 0.00	40.07 -1.76 0.00	37.25 -1.59 0.00	36.69 -1.53 0.00	36.71 -1.49 0.00	40.87 -1.84 0.00	50.51 -2.32 0.00	56.19 -2.65 0.00	56.16 -2.58 0.00	53.59 -2.35 0.00	53.36 -2.28 0.00	51.75 -2.21 0.00	49.87 -2.24 0.00	52.77 -2.37 0.00	56.84 -2.49 0.00	58.28 -2.49 0.00	65.72 -2.81 0.00	79.06 -3.38 0.00	66.18 -2.97 0.00	63.30 -2.77 0.00	59.75 -2.75 0.00	56.90 -2.68 0.00	56.31 -2.65 0.00	53.35 -2.34 0.00

SITHE___BATAVIA 24024	42.75 -2.97 0.00	39.44 -2.38 0.00	36.74 -2.10 0.00	36.39 -1.83 0.00	36.49 -1.72 0.00	39.59 -3.12 0.00	48.56 -4.28 0.00	53.83 -5.00 0.00	54.16 -4.58 0.00	52.97 -2.97 0.00	52.81 -2.84 0.00	51.37 -2.59 0.00	48.99 -3.13 0.00	51.94 -3.20 0.00	56.84 -2.49 0.00	58.17 -2.61 0.00	65.65 -2.88 0.00	78.99 -3.46 0.00	65.21 -3.94 0.00	62.77 -3.30 0.00	58.62 -3.87 0.00	55.40 -4.17 0.00	55.01 -3.95 0.00	54.12 -1.56 0.00
SITHE___INDEPEND 23800	43.71 -2.01 0.00	40.07 -1.76 0.00	37.21 -1.63 0.00	36.65 -1.57 0.00	36.68 -1.53 0.00	40.87 -1.84 0.00	50.51 -2.32 0.00	56.19 -2.65 0.00	56.16 -2.58 0.00	53.58 -2.35 0.00	53.37 -2.28 0.00	51.75 -2.21 0.00	49.87 -2.24 0.00	52.82 -2.32 0.00	56.84 -2.49 0.00	58.23 -2.55 0.00	65.72 -2.81 0.00	79.07 -3.38 0.00	66.18 -2.97 0.00	63.17 -2.91 0.00	59.75 -2.75 0.00	56.90 -2.68 0.00	56.25 -2.71 0.00	53.18 -2.51 0.00
SITHE___MASSENA 23902	46.69 0.96 0.00	42.75 0.92 0.00	39.70 0.85 0.00	38.99 0.76 0.00	39.04 0.84 0.00	43.60 0.90 0.00	53.99 1.16 0.00	60.13 1.29 0.00	59.98 1.24 0.00	57.05 1.12 0.00	56.82 1.17 0.00	55.10 1.13 0.00	53.31 1.20 0.00	56.30 1.16 0.00	60.58 1.25 0.00	62.11 1.34 0.00	70.38 1.85 0.00	84.10 1.65 0.00	70.74 1.59 0.00	67.66 1.58 0.00	64.12 1.62 0.00	61.12 1.55 0.00	60.49 1.53 0.00	57.07 1.39 0.00
SITHE___OGDNSBRG 24021	47.28 1.55 0.00	43.33 1.51 0.00	40.16 1.32 0.00	39.45 1.22 0.00	39.50 1.30 0.00	44.12 1.41 0.00	54.68 1.85 0.00	61.07 2.24 0.00	60.80 2.06 0.00	57.67 1.73 0.00	57.43 1.78 0.00	55.63 1.67 0.00	53.99 1.88 0.00	56.96 1.82 0.00	61.34 2.02 0.00	63.03 2.25 0.00	71.20 2.67 0.00	85.33 2.89 0.00	71.57 2.42 0.00	68.72 2.64 0.00	65.31 2.81 0.00	62.26 2.68 0.00	61.61 2.65 0.00	58.02 2.34 0.00
SITHE___STERLING 23777	46.32 0.59 0.00	42.41 0.59 0.00	39.39 0.54 0.00	38.72 0.50 0.00	38.74 0.53 0.00	43.39 0.68 0.00	53.79 0.95 0.00	60.07 1.24 0.00	59.98 1.24 0.00	56.94 1.01 0.00	56.65 1.00 0.00	54.82 0.86 0.00	53.10 0.99 0.00	56.24 1.10 0.00	60.69 1.37 0.00	62.42 1.64 0.00	70.52 1.99 0.00	84.84 2.39 0.00	70.95 1.79 0.00	67.73 1.65 0.00	63.94 1.44 0.00	60.83 1.25 0.00	60.14 1.18 0.00	56.74 1.06 0.00
SLEIGHT__34_KV_TB1 80719	43.71 -2.01 0.00	40.07 -1.76 0.00	37.09 -1.75 0.00	36.58 -1.64 0.00	36.71 -1.49 0.00	40.78 -1.92 0.00	50.30 -2.54 0.00	56.13 -2.71 0.00	56.22 -2.53 0.00	54.09 -1.85 0.00	53.92 -1.73 0.00	52.34 -1.62 0.00	50.29 -1.82 0.00	53.38 -1.76 0.00	57.55 -1.78 0.00	58.89 -1.88 0.00	66.61 -1.92 0.00	80.06 -2.39 0.00	66.59 -2.56 0.00	63.36 -2.71 0.00	59.94 -2.56 0.00	56.90 -2.68 0.00	56.13 -2.83 0.00	53.18 -2.51 0.00
SMITHTWN_69_KV_BK 1 55830	49.66 3.93 0.00	45.09 3.26 0.00	41.83 2.99 0.00	41.01 2.79 0.00	40.76 2.56 0.00	46.38 3.67 0.00	57.71 4.86 -0.02	64.50 5.65 -0.02	64.38 5.64 0.00	60.58 4.64 0.00	60.38 4.73 0.00	58.33 4.37 0.00	56.38 4.27 0.00	59.66 4.52 0.00	64.19 4.86 0.00	69.77 4.80 -4.19	85.32 5.41 -11.38	101.61 6.76 -12.40	107.91 5.95 -32.81	104.27 5.48 -32.71	90.24 5.00 -22.74	84.57 4.94 -20.05	64.35 5.37 -0.02	60.75 5.01 -0.06
SOUTH CAIRO___GT 23612	48.97 3.25 0.00	44.50 2.68 0.00	41.37 2.52 0.00	40.59 2.37 0.00	40.57 2.37 0.00	45.48 2.78 0.00	55.85 3.01 0.00	61.66 2.82 0.00	61.62 2.88 0.00	58.00 2.07 0.00	57.32 1.67 0.00	55.42 1.46 0.00	53.41 1.30 0.00	56.46 1.32 0.00	60.87 1.54 0.00	63.27 2.49 0.00	71.75 3.22 0.00	86.24 3.79 0.00	72.75 3.60 0.00	69.71 3.63 0.00	65.93 3.44 0.00	62.85 3.28 0.00	62.20 3.24 0.00	58.52 2.84 0.00
SOUTH HAMPTN___IC 23720	49.85 4.12 -0.01	45.26 3.43 0.00	41.87 3.03 0.00	41.01 2.79 0.00	40.80 2.60 0.00	46.64 3.93 -0.01	57.97 5.12 -0.02	64.79 5.94 -0.02	64.57 5.82 -0.01	60.86 4.92 0.00	60.38 4.73 -0.01	58.29 4.32 -0.01	56.44 4.32 -0.01	59.78 4.63 -0.01	64.32 4.98 -0.01	69.89 4.92 -4.19	85.59 5.68 -11.38	102.27 7.42 -12.40	108.39 6.43 -32.81	104.86 6.07 -32.71	91.05 5.81 -22.74	85.34 5.72 -20.05	65.23 6.25 -0.02	61.48 5.74 -0.06
SOUTHDOW_115KV_TB1 355954	41.11 -4.62 0.00	37.81 -4.02 0.00	35.11 -3.73 0.00	34.78 -3.44 0.00	35.15 -3.06 0.00	38.39 -4.31 0.00	47.55 -5.28 0.00	53.19 -5.65 0.00	53.98 -4.76 0.00	53.36 -2.57 0.00	53.53 -2.11 0.00	52.40 -1.56 0.00	50.13 -1.98 0.00	54.20 -0.94 0.00	58.79 -0.53 0.00	59.74 -1.03 0.00	67.71 -0.82 0.00	81.13 -1.32 0.00	66.59 -2.56 0.00	63.36 -2.71 0.00	60.12 -2.37 0.00	56.18 -3.40 0.00	55.48 -3.48 0.00	53.12 -2.56 0.00
SOUTHOLD_69_KV_BK 2 55809	49.70 3.98 0.00	45.09 3.26 0.00	41.79 2.95 0.00	40.97 2.75 0.00	40.69 2.48 0.00	46.51 3.80 0.00	57.97 5.12 -0.02	64.38 5.53 -0.02	64.09 5.35 0.00	60.02 4.08 0.00	59.93 4.28 0.00	57.85 3.89 0.00	55.91 3.80 0.00	59.16 4.03 0.00	63.84 4.51 0.00	69.71 4.74 -4.19	85.73 5.83 -11.38	102.51 7.67 -12.40	109.08 7.12 -32.81	105.66 6.87 -32.71	91.74 6.50 -22.74	86.12 6.49 -20.05	66.00 7.02 -0.02	62.48 6.74 -0.06
SOUTHOLD___IC 23719	49.80 4.07 -0.01	45.17 3.35 0.00	41.79 2.95 0.00	40.94 2.71 0.00	40.69 2.48 0.00	46.60 3.89 -0.01	57.97 5.12 -0.02	64.55 5.71 -0.02	64.27 5.52 -0.01	60.52 4.59 0.00	60.05 4.40 -0.01	57.96 3.99 -0.01	56.13 4.01 -0.01	59.50 4.36 -0.01	64.08 4.75 -0.01	69.77 4.80 -4.19	85.73 5.82 -11.38	102.68 7.84 -12.40	108.94 6.98 -32.81	105.59 6.81 -32.71	91.86 6.62 -22.74	86.24 6.61 -20.05	66.06 7.07 -0.02	62.31 6.57 -0.06
SOUTH_FORK_WT_PWR 323839	49.34 3.61 -0.01	44.80 2.97 0.00	41.41 2.56 0.00	40.55 2.33 0.00	40.30 2.10 0.00	46.17 3.46 -0.01	57.50 4.65 -0.02	63.79 4.94 -0.02	63.45 4.70 -0.01	59.68 3.75 0.00	59.27 3.62 -0.01	57.26 3.29 -0.01	55.46 3.34 -0.01	58.79 3.64 -0.01	63.31 3.98 -0.01	69.05 4.07 -4.19	84.98 5.07 -11.38	101.94 7.09 -12.40	108.53 6.57 -32.81	105.33 6.54 -32.71	91.74 6.50 -22.74	86.18 6.55 -20.05	66.06 7.07 -0.02	62.36 6.62 -0.06
SPIERFLS_115KV_TB 1 80737	47.51 1.78 0.00	43.37 1.55 0.00	40.28 1.44 0.00	39.64 1.41 0.00	39.62 1.41 0.00	44.54 1.84 0.00	55.05 2.22 0.00	61.42 2.59 0.00	61.21 2.47 0.00	57.95 2.01 0.00	57.43 1.78 0.00	55.47 1.51 0.00	53.31 1.20 0.00	56.46 1.32 0.00	60.75 1.42 0.00	62.72 1.94 0.00	70.79 2.26 0.00	85.58 3.13 0.00	72.06 2.90 0.00	68.85 2.78 0.00	65.12 2.62 0.00	62.02 2.44 0.00	61.44 2.48 0.00	57.91 2.23 0.00
ST LAWRENCE____ 23600	46.05 0.32 0.00	42.12 0.29 0.00	39.12 0.27 0.00	38.45 0.23 0.00	38.47 0.27 0.00	42.96 0.26 0.00	53.21 0.37 0.00	59.25 0.41 0.00	59.16 0.41 0.00	56.27 0.34 0.00	56.04 0.39 0.00	54.34 0.38 0.00	52.53 0.41 0.00	55.53 0.39 0.00	59.75 0.42 0.00	61.26 0.48 0.00	69.29 0.76 0.00	82.95 0.50 0.00	69.77 0.62 0.00	66.73 0.66 0.00	63.19 0.69 0.00	60.23 0.66 0.00	59.55 0.59 0.00	56.18 0.50 0.00

STATE_CA_115KV_115_LB 55624	47.51 1.78 0.00	43.33 1.51 0.00	40.28 1.44 0.00	39.64 1.41 0.00	39.58 1.38 0.00	44.37 1.67 0.00	54.84 2.01 0.00	60.25 1.41 0.00	60.15 1.41 0.00	57.22 1.29 0.00	56.87 1.22 0.00	55.15 1.19 0.00	53.15 1.04 0.00	56.24 1.10 0.00	60.40 1.07 0.00	61.99 1.22 0.00	69.42 0.89 0.00	83.60 1.15 0.00	70.33 1.18 0.00	67.20 1.12 0.00	63.75 1.25 0.00	60.83 1.25 0.00	60.38 1.42 0.00	57.13 1.45 0.00
STATE_ST_34_KV_LOAD 55959	44.99 -0.73 0.00	41.16 -0.67 0.00	38.18 -0.66 0.00	37.65 -0.57 0.00	37.67 -0.53 0.00	42.02 -0.68 0.00	52.04 -0.79 0.00	58.01 -0.82 0.00	58.04 -0.70 0.00	55.49 -0.45 0.00	55.20 -0.45 0.00	53.48 -0.49 0.00	51.54 -0.57 0.00	54.59 -0.55 0.00	58.79 -0.53 0.00	60.29 -0.49 0.00	68.19 -0.34 0.00	82.04 -0.41 0.00	68.67 -0.48 0.00	65.41 -0.66 0.00	61.81 -0.69 0.00	58.74 -0.83 0.00	58.02 -0.94 0.00	54.79 -0.89 0.00
STATION_5_MISC_HYD 23604	43.21 -2.51 0.00	39.74 -2.09 0.00	36.94 -1.90 0.00	36.50 -1.72 0.00	36.56 -1.64 0.00	40.27 -2.43 0.00	49.61 -3.22 0.00	55.13 -3.70 0.00	55.33 -3.41 0.00	53.53 -2.40 0.00	53.36 -2.28 0.00	51.91 -2.05 0.00	49.66 -2.45 0.00	52.55 -2.59 0.00	57.07 -2.25 0.00	58.47 -2.31 0.00	66.00 -2.53 0.00	79.32 -3.13 0.00	65.90 -3.25 0.00	63.23 -2.84 0.00	59.24 -3.25 0.00	56.18 -3.39 0.00	55.72 -3.24 0.00	53.79 -1.89 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.90 -1.83 0.00	40.24 -1.59 0.00	37.25 -1.59 0.00	36.73 -1.49 0.00	36.87 -1.34 0.00	40.95 -1.75 0.00	50.46 -2.38 0.00	56.19 -2.65 0.00	56.33 -2.41 0.00	54.25 -1.68 0.00	54.09 -1.56 0.00	52.56 -1.40 0.00	50.55 -1.56 0.00	53.65 -1.49 0.00	57.79 -1.54 0.00	59.08 -1.70 0.00	66.89 -1.64 0.00	80.39 -2.06 0.00	66.87 -2.28 0.00	63.63 -2.44 0.00	60.25 -2.25 0.00	57.19 -2.38 0.00	56.37 -2.59 0.00	53.46 -2.23 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.03 -2.70 0.00	39.53 -2.30 0.00	36.55 -2.29 0.00	36.04 -2.18 0.00	36.22 -1.99 0.00	40.14 -2.56 0.00	49.29 -3.54 0.00	54.95 -3.88 0.00	55.10 -3.64 0.00	53.25 -2.68 0.00	53.14 -2.50 0.00	51.64 -2.32 0.00	49.56 -2.55 0.00	52.77 -2.37 0.00	56.90 -2.43 0.00	58.04 -2.74 0.00	65.65 -2.88 0.00	78.90 -3.55 0.00	65.42 -3.73 0.00	62.24 -3.83 0.00	59.00 -3.50 0.00	55.94 -3.63 0.00	55.19 -3.77 0.00	52.40 -3.29 0.00
STA_56___34_KV_BUS2 355983	43.03 -2.70 0.00	39.53 -2.30 0.00	36.55 -2.29 0.00	36.04 -2.18 0.00	36.22 -1.99 0.00	40.14 -2.56 0.00	49.29 -3.54 0.00	54.95 -3.88 0.00	55.10 -3.64 0.00	53.25 -2.68 0.00	53.14 -2.50 0.00	51.64 -2.32 0.00	49.56 -2.55 0.00	52.77 -2.37 0.00	56.90 -2.43 0.00	58.04 -2.74 0.00	65.65 -2.88 0.00	78.90 -3.55 0.00	65.42 -3.73 0.00	62.24 -3.83 0.00	59.00 -3.50 0.00	55.94 -3.63 0.00	55.19 -3.77 0.00	52.40 -3.29 0.00
STA_67___115KV_BK2 355882	43.16 -2.56 0.00	39.61 -2.22 0.00	36.63 -2.21 0.00	36.16 -2.06 0.00	36.33 -1.87 0.00	40.19 -2.52 0.00	49.35 -3.49 0.00	55.01 -3.82 0.00	55.22 -3.52 0.00	53.36 -2.57 0.00	53.26 -2.39 0.00	51.80 -2.16 0.00	49.66 -2.45 0.00	52.93 -2.21 0.00	57.13 -2.20 0.00	58.23 -2.55 0.00	65.79 -2.74 0.00	79.07 -3.38 0.00	65.56 -3.60 0.00	62.37 -3.70 0.00	59.12 -3.37 0.00	56.06 -3.52 0.00	55.25 -3.71 0.00	52.56 -3.12 0.00
STA_7___115KV_9TRANS 80674	43.39 -2.33 0.00	39.86 -1.97 0.00	36.82 -2.02 0.00	36.35 -1.87 0.00	36.52 -1.68 0.00	40.44 -2.26 0.00	49.66 -3.17 0.00	55.42 -3.41 0.00	55.63 -3.11 0.00	53.81 -2.13 0.00	53.70 -1.95 0.00	52.18 -1.78 0.00	50.08 -2.03 0.00	53.32 -1.82 0.00	57.55 -1.78 0.00	58.65 -2.13 0.00	66.41 -2.12 0.00	79.81 -2.64 0.00	66.18 -2.97 0.00	62.90 -3.17 0.00	59.62 -2.87 0.00	56.54 -3.04 0.00	55.66 -3.30 0.00	52.90 -2.78 0.00
STA_82___115KV_TB1 80780	43.12 -2.61 0.00	39.61 -2.22 0.00	36.63 -2.21 0.00	36.12 -2.10 0.00	36.29 -1.91 0.00	40.19 -2.52 0.00	49.29 -3.54 0.00	54.95 -3.88 0.00	55.16 -3.58 0.00	53.36 -2.57 0.00	53.20 -2.45 0.00	51.75 -2.21 0.00	49.66 -2.45 0.00	52.88 -2.26 0.00	57.07 -2.25 0.00	58.16 -2.61 0.00	65.72 -2.81 0.00	78.99 -3.46 0.00	65.49 -3.67 0.00	62.31 -3.77 0.00	59.06 -3.44 0.00	56.00 -3.57 0.00	55.25 -3.71 0.00	52.51 -3.17 0.00
STEEL___WIND 323596	41.43 -4.30 0.00	38.27 -3.56 0.00	35.73 -3.11 0.00	35.43 -2.79 0.00	35.53 -2.68 0.00	38.48 -4.23 0.00	47.23 -5.60 0.00	52.30 -6.53 0.00	52.81 -5.93 0.00	52.07 -3.86 0.00	52.03 -3.62 0.00	50.72 -3.24 0.00	48.31 -3.80 0.00	51.56 -3.58 0.00	56.48 -2.85 0.00	57.55 -3.22 0.00	64.90 -3.63 0.00	77.75 -4.70 0.00	64.03 -5.12 0.00	61.71 -4.36 0.00	57.69 -4.81 0.00	54.45 -5.12 0.00	54.24 -4.72 0.00	53.45 -2.23 0.00
STEPHTWN_115KV_BK_2 55603	47.78 2.06 0.00	43.54 1.71 0.00	40.47 1.63 0.00	39.83 1.61 0.00	39.77 1.57 0.00	44.58 1.88 0.00	55.16 2.32 0.00	60.72 1.88 0.00	60.62 1.88 0.00	57.61 1.68 0.00	57.21 1.56 0.00	55.47 1.51 0.00	53.41 1.30 0.00	56.52 1.38 0.00	60.75 1.42 0.00	62.42 1.64 0.00	70.04 1.51 0.00	84.43 1.98 0.00	70.95 1.80 0.00	67.86 1.78 0.00	64.31 1.81 0.00	61.42 1.85 0.00	60.91 1.95 0.00	57.58 1.89 0.00
STEBEN_REC_LFGE 323667	41.84 -3.89 0.00	38.35 -3.47 0.00	35.58 -3.26 0.00	35.20 -3.02 0.00	35.45 -2.75 0.00	39.16 -3.54 0.00	48.45 -4.39 0.00	54.13 -4.71 0.00	54.63 -4.11 0.00	53.30 -2.63 0.00	53.42 -2.23 0.00	52.18 -1.78 0.00	50.39 -1.72 0.00	54.09 -1.05 0.00	58.62 -0.71 0.00	59.99 -0.79 0.00	68.32 -0.21 0.00	82.04 -0.41 0.00	67.91 -1.24 0.00	64.55 -1.52 0.00	61.00 -1.50 0.00	57.49 -2.09 0.00	56.54 -2.42 0.00	53.73 -1.95 0.00
STILLWATER___SOLAR 323814	47.73 2.01 0.00	43.58 1.76 0.00	40.47 1.63 0.00	39.79 1.57 0.00	39.77 1.57 0.00	44.67 1.97 0.00	55.21 2.38 0.00	61.48 2.65 0.00	61.39 2.65 0.00	58.23 2.29 0.00	57.82 2.17 0.00	55.90 1.94 0.00	53.83 1.72 0.00	57.02 1.88 0.00	61.28 1.95 0.00	63.09 2.31 0.00	70.99 2.46 0.00	85.83 3.38 0.00	72.19 3.04 0.00	68.91 2.84 0.00	65.31 2.81 0.00	62.26 2.68 0.00	61.62 2.66 0.00	58.07 2.39 0.00
STONY___BROOK 24151	49.67 3.93 -0.01	45.13 3.30 0.00	41.79 2.95 0.00	40.94 2.71 0.00	40.72 2.52 0.00	46.47 3.76 -0.01	57.71 4.86 -0.02	64.62 5.77 -0.02	64.51 5.76 -0.01	60.97 5.04 0.00	60.44 4.79 -0.01	58.39 4.43 -0.01	56.55 4.43 -0.01	59.89 4.74 -0.01	64.38 5.04 -0.01	69.84 4.86 -4.19	85.26 5.35 -11.38	101.68 6.84 -12.40	107.77 5.81 -32.81	104.14 5.35 -32.71	90.30 5.06 -22.74	84.63 5.01 -20.05	64.35 5.36 -0.02	60.53 4.79 -0.06
STURGEON_POOL_HYD 23609	47.74 2.01 0.00	43.50 1.67 0.00	40.47 1.63 0.00	39.79 1.57 0.00	39.66 1.45 0.00	44.46 1.75 0.00	54.95 2.11 0.00	61.54 2.71 0.00	61.50 2.76 0.00	58.34 2.41 0.00	57.76 2.11 0.00	55.96 2.00 0.00	54.14 2.03 0.00	57.18 2.04 0.00	61.46 2.14 0.00	62.91 2.13 0.00	71.07 2.54 0.00	85.58 3.13 0.00	72.06 2.90 0.00	68.78 2.71 0.00	64.93 2.44 0.00	62.02 2.44 0.00	61.44 2.48 0.00	57.80 2.12 0.00

ST_LAW_115_BK7_LBMP 345037	46.09 0.36 0.00	42.20 0.38 0.00	39.15 0.31 0.00	38.49 0.27 0.00	38.51 0.30 0.00	43.05 0.34 0.00	53.25 0.42 0.00	59.30 0.47 0.00	59.21 0.47 0.00	56.33 0.39 0.00	56.09 0.44 0.00	54.39 0.43 0.00	52.63 0.52 0.00	55.58 0.44 0.00	59.80 0.47 0.00	61.26 0.48 0.00	69.36 0.83 0.00	82.95 0.50 0.00	69.84 0.69 0.00	66.80 0.73 0.00	63.25 0.75 0.00	60.29 0.72 0.00	59.67 0.71 0.00	56.24 0.56 0.00
ST_LAW_115_BK8_LBMP 345038	46.09 0.36 0.00	42.20 0.38 0.00	39.15 0.31 0.00	38.49 0.27 0.00	38.51 0.30 0.00	43.05 0.34 0.00	53.25 0.42 0.00	59.30 0.47 0.00	59.21 0.47 0.00	56.33 0.39 0.00	56.09 0.44 0.00	54.39 0.43 0.00	52.63 0.52 0.00	55.58 0.44 0.00	59.80 0.47 0.00	61.26 0.48 0.00	69.36 0.83 0.00	82.95 0.50 0.00	69.84 0.69 0.00	66.80 0.73 0.00	63.25 0.75 0.00	60.29 0.72 0.00	59.67 0.71 0.00	56.24 0.56 0.00
ST_LAW_230_BK5_LBMP 345035	46.05 0.32 0.00	42.12 0.29 0.00	39.12 0.27 0.00	38.45 0.23 0.00	38.47 0.27 0.00	42.96 0.26 0.00	53.21 0.37 0.00	59.25 0.41 0.00	59.16 0.41 0.00	56.27 0.34 0.00	56.04 0.39 0.00	54.34 0.38 0.00	52.53 0.41 0.00	55.53 0.39 0.00	59.75 0.42 0.00	61.26 0.48 0.00	69.29 0.76 0.00	82.95 0.50 0.00	69.77 0.62 0.00	66.73 0.66 0.00	63.19 0.69 0.00	60.23 0.66 0.00	59.55 0.59 0.00	56.18 0.50 0.00
ST_LAW_230_BK6_LBMP 345036	46.05 0.32 0.00	42.12 0.29 0.00	39.12 0.27 0.00	38.45 0.23 0.00	38.47 0.27 0.00	42.96 0.26 0.00	53.21 0.37 0.00	59.25 0.41 0.00	59.16 0.41 0.00	56.27 0.34 0.00	56.04 0.39 0.00	54.34 0.38 0.00	52.53 0.41 0.00	55.53 0.39 0.00	59.75 0.42 0.00	61.26 0.48 0.00	69.29 0.76 0.00	82.95 0.50 0.00	69.77 0.62 0.00	66.73 0.66 0.00	63.19 0.69 0.00	60.23 0.66 0.00	59.55 0.59 0.00	56.18 0.50 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.28 1.55 0.00	43.16 1.34 0.00	40.12 1.28 0.00	39.48 1.26 0.00	39.35 1.15 0.00	44.16 1.45 0.00	54.63 1.80 0.00	61.07 2.24 0.00	61.03 2.29 0.00	57.95 2.01 0.00	57.43 1.78 0.00	55.63 1.67 0.00	53.83 1.72 0.00	56.90 1.76 0.00	61.17 1.84 0.00	62.48 1.70 0.00	70.38 1.85 0.00	84.84 2.39 0.00	71.43 2.28 0.00	68.19 2.11 0.00	64.37 1.87 0.00	61.48 1.91 0.00	60.91 1.95 0.00	57.41 1.73 0.00
SWANROAD_115KV_TB1 355699	40.97 -4.76 0.00	37.94 -3.89 0.00	35.04 -3.81 0.00	34.63 -3.59 0.00	34.99 -3.21 0.00	37.62 -5.08 0.00	45.38 -7.45 0.00	50.42 -8.41 0.00	50.93 -7.81 0.00	50.06 -5.87 0.00	50.14 -5.51 0.00	48.83 -5.13 0.00	46.59 -5.52 0.00	50.18 -4.96 0.00	54.28 -5.04 0.00	55.00 -5.77 0.00	62.02 -6.51 0.00	74.20 -8.24 0.00	60.92 -8.23 0.00	57.88 -8.19 0.00	55.06 -7.44 0.00	52.19 -7.39 0.00	51.71 -7.25 0.00	50.06 -5.62 0.00
SYNERGY___BIOGAS 323694	42.75 -2.97 0.00	39.40 -2.43 0.00	36.36 -2.49 0.00	35.93 -2.29 0.00	36.26 -1.95 0.00	39.59 -3.12 0.00	48.24 -4.60 0.00	53.83 -5.00 0.00	54.22 -4.52 0.00	52.86 -3.08 0.00	52.81 -2.84 0.00	51.42 -2.54 0.00	49.19 -2.92 0.00	52.66 -2.48 0.00	57.01 -2.31 0.00	57.98 -2.80 0.00	65.65 -2.88 0.00	78.90 -3.55 0.00	65.00 -4.15 0.00	61.71 -4.36 0.00	58.62 -3.87 0.00	55.41 -4.17 0.00	54.60 -4.36 0.00	52.40 -3.29 0.00
SYRACUSE___ENERGY_ST1 323597	44.90 -0.82 0.00	41.07 -0.75 0.00	38.14 -0.70 0.00	37.57 -0.65 0.00	37.59 -0.61 0.00	41.89 -0.81 0.00	51.88 -0.95 0.00	57.72 -1.12 0.00	57.74 -1.00 0.00	55.09 -0.84 0.00	54.81 -0.83 0.00	53.15 -0.81 0.00	51.22 -0.89 0.00	54.26 -0.88 0.00	58.38 -0.95 0.00	59.87 -0.91 0.00	67.64 -0.89 0.00	81.38 -1.07 0.00	68.04 -1.11 0.00	64.88 -1.19 0.00	61.37 -1.12 0.00	58.39 -1.19 0.00	57.72 -1.24 0.00	54.51 -1.17 0.00
SYRACUSE___ENERGY_ST2 323598	44.90 -0.82 0.00	41.07 -0.75 0.00	38.14 -0.70 0.00	37.57 -0.65 0.00	37.59 -0.61 0.00	41.89 -0.81 0.00	51.88 -0.95 0.00	57.72 -1.12 0.00	57.74 -1.00 0.00	55.09 -0.84 0.00	54.81 -0.83 0.00	53.15 -0.81 0.00	51.22 -0.89 0.00	54.26 -0.88 0.00	58.38 -0.95 0.00	59.87 -0.91 0.00	67.64 -0.89 0.00	81.38 -1.07 0.00	68.04 -1.11 0.00	64.88 -1.19 0.00	61.37 -1.12 0.00	58.39 -1.19 0.00	57.72 -1.24 0.00	54.51 -1.17 0.00
SYRACUSE___POWER 24017	44.86 -0.87 0.00	41.03 -0.79 0.00	38.10 -0.74 0.00	37.53 -0.69 0.00	37.55 -0.65 0.00	41.85 -0.85 0.00	51.78 -1.06 0.00	57.66 -1.18 0.00	57.69 -1.06 0.00	55.04 -0.89 0.00	54.81 -0.83 0.00	53.10 -0.86 0.00	51.22 -0.89 0.00	54.20 -0.94 0.00	58.38 -0.95 0.00	59.87 -0.91 0.00	67.64 -0.89 0.00	81.29 -1.15 0.00	68.04 -1.11 0.00	64.88 -1.19 0.00	61.31 -1.19 0.00	58.33 -1.25 0.00	57.66 -1.30 0.00	54.46 -1.23 0.00
TALLMAN___138KV_BK151 55660	47.42 1.69 0.00	43.29 1.46 0.00	40.24 1.40 0.00	39.64 1.41 0.00	39.46 1.26 0.00	44.29 1.58 0.00	54.84 2.01 0.00	61.36 2.53 0.00	61.27 2.53 0.00	58.23 2.29 0.00	57.71 2.06 0.00	55.90 1.94 0.00	54.09 1.98 0.00	57.23 2.10 0.00	61.46 2.14 0.00	62.66 1.88 0.00	70.59 2.06 0.00	85.09 2.64 0.00	71.71 2.56 0.00	68.39 2.31 0.00	64.50 2.00 0.00	61.66 2.09 0.00	61.08 2.12 0.00	57.58 1.89 0.00
TEALLAVE_115KV_TB7 355573	44.63 -1.10 0.00	40.82 -1.00 0.00	37.91 -0.93 0.00	37.34 -0.88 0.00	37.36 -0.84 0.00	41.68 -1.02 0.00	51.51 -1.32 0.00	57.36 -1.47 0.00	57.39 -1.35 0.00	54.76 -1.17 0.00	54.48 -1.17 0.00	52.83 -1.13 0.00	50.96 -1.15 0.00	53.93 -1.21 0.00	58.08 -1.25 0.00	59.50 -1.28 0.00	67.23 -1.30 0.00	80.80 -1.65 0.00	67.56 -1.59 0.00	64.42 -1.65 0.00	60.94 -1.56 0.00	57.97 -1.61 0.00	57.31 -1.65 0.00	54.18 -1.50 0.00
TELGRAPH_34_KV_EAST 80808	41.88 -3.84 0.00	38.69 -3.14 0.00	35.74 -3.11 0.00	35.32 -2.90 0.00	35.64 -2.56 0.00	38.73 -3.97 0.00	47.02 -5.81 0.00	52.36 -6.47 0.00	52.81 -5.93 0.00	51.74 -4.19 0.00	51.70 -3.95 0.00	50.35 -3.62 0.00	48.10 -4.01 0.00	51.72 -3.42 0.00	55.95 -3.38 0.00	56.77 -4.01 0.00	64.14 -4.39 0.00	76.92 -5.52 0.00	63.27 -5.88 0.00	60.06 -6.01 0.00	57.12 -5.37 0.00	54.04 -5.54 0.00	53.36 -5.60 0.00	51.34 -4.34 0.00
TEMPLE___115KV_TB 2 55572	44.63 -1.10 0.00	40.86 -0.96 0.00	37.95 -0.89 0.00	37.38 -0.84 0.00	37.40 -0.80 0.00	41.68 -1.02 0.00	51.51 -1.32 0.00	57.36 -1.47 0.00	57.39 -1.35 0.00	54.76 -1.17 0.00	54.54 -1.11 0.00	52.88 -1.08 0.00	50.96 -1.15 0.00	53.98 -1.16 0.00	58.08 -1.25 0.00	59.56 -1.22 0.00	67.30 -1.23 0.00	80.80 -1.65 0.00	67.63 -1.52 0.00	64.49 -1.59 0.00	60.94 -1.56 0.00	58.03 -1.55 0.00	57.37 -1.59 0.00	54.18 -1.50 0.00
TIANA___69_KV_BK 1 55817	49.79 4.07 0.00	45.21 3.39 0.00	41.91 3.07 0.00	41.09 2.87 0.00	40.84 2.64 0.00	46.55 3.84 0.00	57.97 5.12 -0.02	64.67 5.82 -0.02	64.50 5.76 0.00	60.52 4.59 0.00	60.38 4.73 0.00	58.22 4.26 0.00	56.28 4.17 0.00	59.55 4.41 0.00	64.19 4.86 0.00	69.90 4.92 -4.19	85.67 5.76 -11.38	102.10 7.26 -12.40	108.46 6.50 -32.81	104.80 6.01 -32.71	90.80 5.56 -22.74	85.11 5.48 -20.05	65.06 6.07 -0.02	61.48 5.74 -0.06

TILDEN___115KV_TB1 80814	44.86 -0.87 0.00	41.03 -0.79 0.00	38.10 -0.74 0.00	37.53 -0.69 0.00	37.55 -0.65 0.00	41.85 -0.85 0.00	51.78 -1.06 0.00	57.66 -1.18 0.00	57.69 -1.06 0.00	55.04 -0.89 0.00	54.81 -0.83 0.00	53.10 -0.86 0.00	51.22 -0.89 0.00	54.20 -0.94 0.00	58.38 -0.95 0.00	59.87 -0.91 0.00	67.64 -0.89 0.00	81.29 -1.15 0.00	68.04 -1.11 0.00	64.88 -1.19 0.00	61.31 -1.19 0.00	58.33 -1.25 0.00	57.66 -1.30 0.00	54.46 -1.23 0.00
TRIGEN___CC 323695	48.74 3.02 0.00	44.38 2.55 0.00	41.17 2.33 0.00	40.44 2.22 0.00	40.23 2.02 0.00	45.48 2.78 0.00	56.39 3.54 -0.02	62.97 4.12 -0.02	63.03 4.29 0.00	59.68 3.75 0.00	59.27 3.62 0.00	57.47 3.51 0.00	55.60 3.49 0.00	58.72 3.58 0.00	63.01 3.68 0.00	68.25 3.28 -4.19	83.54 3.63 -11.38	99.46 4.62 -12.40	106.11 4.15 -32.81	102.55 3.77 -32.71	88.68 3.44 -22.74	83.08 3.46 -20.05	62.58 3.60 -0.02	59.14 3.40 -0.06
TRINITY___115KV___4 BK 55933	47.33 1.60 0.00	43.21 1.38 0.00	40.12 1.28 0.00	39.48 1.26 0.00	39.43 1.22 0.00	44.16 1.45 0.00	54.63 1.80 0.00	60.07 1.24 0.00	59.98 1.23 0.00	57.00 1.06 0.00	56.71 1.06 0.00	54.93 0.97 0.00	53.00 0.89 0.00	56.08 0.94 0.00	60.22 0.89 0.00	61.75 0.97 0.00	69.22 0.69 0.00	83.36 0.91 0.00	70.05 0.90 0.00	67.00 0.93 0.00	63.50 1.00 0.00	60.65 1.07 0.00	60.14 1.18 0.00	56.96 1.28 0.00
UNION___PROCESSING_DRP 323587	43.12 -2.61 0.00	39.61 -2.22 0.00	36.63 -2.21 0.00	36.12 -2.10 0.00	36.33 -1.87 0.00	40.19 -2.52 0.00	49.29 -3.54 0.00	54.95 -3.88 0.00	55.16 -3.58 0.00	53.36 -2.57 0.00	53.26 -2.39 0.00	51.75 -2.21 0.00	49.66 -2.45 0.00	52.88 -2.26 0.00	57.07 -2.25 0.00	58.16 -2.61 0.00	65.79 -2.74 0.00	78.99 -3.46 0.00	65.49 -3.67 0.00	62.31 -3.77 0.00	59.06 -3.44 0.00	56.00 -3.57 0.00	55.25 -3.71 0.00	52.51 -3.17 0.00
UPPER HUDSON___HYD 24058	47.46 1.74 0.00	43.33 1.50 0.00	40.24 1.40 0.00	39.56 1.34 0.00	39.54 1.34 0.00	44.50 1.79 0.00	55.00 2.17 0.00	61.36 2.53 0.00	61.09 2.35 0.00	57.89 1.96 0.00	57.38 1.73 0.00	55.47 1.51 0.00	53.31 1.20 0.00	56.46 1.32 0.00	60.69 1.37 0.00	62.66 1.89 0.00	70.58 2.05 0.00	85.50 3.05 0.00	71.99 2.84 0.00	68.72 2.65 0.00	65.06 2.56 0.00	62.02 2.44 0.00	61.32 2.36 0.00	57.68 2.00 0.00
UPPER RAQUET___HYD 24056	46.73 1.00 0.00	42.79 0.96 0.00	39.70 0.85 0.00	38.99 0.76 0.00	39.01 0.80 0.00	43.56 0.85 0.00	54.05 1.22 0.00	60.24 1.41 0.00	60.09 1.35 0.00	56.99 1.06 0.00	56.76 1.11 0.00	55.10 1.13 0.00	53.41 1.30 0.00	56.41 1.27 0.00	60.75 1.42 0.00	62.36 1.58 0.00	70.52 1.99 0.00	83.85 1.40 0.00	70.61 1.45 0.00	67.46 1.39 0.00	64.24 1.75 0.00	61.48 1.91 0.00	60.85 1.89 0.00	57.30 1.62 0.00
VALLEY44_115KV_TB2 355964	42.16 -3.57 0.00	38.81 -3.01 0.00	36.01 -2.84 0.00	35.62 -2.60 0.00	35.91 -2.29 0.00	39.25 -3.46 0.00	48.24 -4.60 0.00	53.60 -5.24 0.00	54.10 -4.64 0.00	52.97 -2.96 0.00	53.03 -2.62 0.00	51.69 -2.27 0.00	49.51 -2.61 0.00	53.26 -1.87 0.00	57.67 -1.66 0.00	58.71 -2.07 0.00	66.41 -2.12 0.00	79.56 -2.89 0.00	65.56 -3.60 0.00	62.37 -3.70 0.00	59.19 -3.31 0.00	55.76 -3.81 0.00	55.13 -3.83 0.00	52.90 -2.78 0.00
VALLEY___115KV_TB 1-4 80826	46.18 0.46 0.00	42.20 0.38 0.00	39.15 0.31 0.00	38.49 0.27 0.00	38.51 0.31 0.00	43.13 0.43 0.00	53.42 0.58 0.00	59.60 0.76 0.00	59.56 0.82 0.00	56.72 0.78 0.00	56.54 0.89 0.00	54.88 0.92 0.00	53.20 1.09 0.00	56.46 1.32 0.00	60.87 1.54 0.00	62.54 1.76 0.00	70.59 2.06 0.00	85.00 2.56 0.00	71.29 2.14 0.00	68.12 2.05 0.00	64.43 1.94 0.00	61.48 1.91 0.00	60.85 1.89 0.00	57.46 1.78 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.60 1.87 0.00	43.58 1.76 0.00	40.36 1.51 0.00	39.64 1.41 0.00	39.62 1.41 0.00	44.41 1.71 0.00	55.00 2.17 0.00	61.60 2.77 0.00	61.44 2.70 0.00	58.23 2.29 0.00	57.87 2.23 0.00	55.96 2.00 0.00	54.30 2.19 0.00	57.51 2.37 0.00	62.00 2.67 0.00	63.76 2.98 0.00	72.09 3.56 0.00	86.90 4.45 0.00	72.89 3.73 0.00	69.51 3.44 0.00	65.68 3.19 0.00	62.56 2.98 0.00	61.85 2.89 0.00	58.30 2.62 0.00
VISCHER___FERRY HYD 24020	47.51 1.78 0.00	43.33 1.50 0.00	40.24 1.40 0.00	39.60 1.37 0.00	39.54 1.34 0.00	44.37 1.66 0.00	54.89 2.06 0.00	60.95 2.11 0.00	60.80 2.05 0.00	57.78 1.84 0.00	57.48 1.83 0.00	55.69 1.73 0.00	53.67 1.56 0.00	56.85 1.71 0.00	61.05 1.72 0.00	62.60 1.82 0.00	70.31 1.78 0.00	84.92 2.47 0.00	71.30 2.15 0.00	68.12 2.05 0.00	64.62 2.13 0.00	61.66 2.08 0.00	61.02 2.06 0.00	57.52 1.83 0.00
V_A_10_SYNC_DSASP 323832	41.47 -4.25 0.00	38.23 -3.60 0.00	35.35 -3.50 0.00	34.90 -3.33 0.00	35.19 -3.02 0.00	38.56 -4.14 0.00	46.92 -5.92 0.00	52.19 -6.65 0.00	52.52 -6.23 0.00	51.29 -4.64 0.00	51.25 -4.40 0.00	49.86 -4.10 0.00	47.68 -4.43 0.00	51.17 -3.97 0.00	55.23 -4.09 0.00	56.10 -4.68 0.00	63.25 -5.28 0.00	75.85 -6.60 0.00	62.51 -6.64 0.00	59.40 -6.67 0.00	56.44 -6.06 0.00	53.56 -6.02 0.00	52.95 -6.01 0.00	50.62 -5.07 0.00
V_CMM_10_SYNC_DSASP 323787	46.27 0.55 0.00	42.37 0.54 0.00	39.35 0.50 0.00	38.64 0.42 0.00	38.66 0.46 0.00	43.22 0.51 0.00	53.47 0.63 0.00	59.60 0.76 0.00	59.39 0.65 0.00	56.55 0.62 0.00	56.32 0.67 0.00	54.61 0.65 0.00	52.84 0.73 0.00	55.75 0.61 0.00	60.04 0.71 0.00	61.51 0.73 0.00	69.01 0.48 0.00	82.94 0.49 0.00	69.50 0.35 0.00	67.06 0.99 0.00	63.50 1.00 0.00	60.53 0.95 0.00	59.90 0.94 0.00	56.52 0.84 0.00
V_CMP_10_SYNC_DSASP 323788	46.82 1.10 0.00	42.91 1.09 0.00	39.81 0.97 0.00	39.06 0.84 0.00	39.08 0.88 0.00	43.65 0.94 0.00	54.10 1.27 0.00	60.36 1.53 0.00	60.27 1.53 0.00	57.44 1.51 0.00	57.21 1.56 0.00	55.47 1.51 0.00	53.73 1.62 0.00	56.63 1.49 0.00	60.99 1.66 0.00	62.54 1.76 0.00	70.79 2.26 0.00	85.09 2.64 0.00	71.29 2.14 0.00	68.39 2.31 0.00	64.68 2.19 0.00	61.60 2.03 0.00	60.85 1.89 0.00	57.35 1.67 0.00
V_D_10_SYNC_DSASP 323841	46.69 0.96 0.00	42.75 0.92 0.00	39.70 0.85 0.00	38.99 0.76 0.00	39.04 0.84 0.00	43.56 0.85 0.00	53.94 1.11 0.00	60.13 1.29 0.00	59.98 1.23 0.00	57.05 1.12 0.00	56.82 1.17 0.00	55.09 1.13 0.00	53.31 1.20 0.00	56.24 1.10 0.00	60.57 1.25 0.00	62.11 1.34 0.00	70.04 1.51 0.00	84.02 1.57 0.00	70.46 1.31 0.00	67.59 1.52 0.00	64.12 1.62 0.00	61.13 1.55 0.00	60.49 1.53 0.00	57.02 1.34 0.00
V_E_10_SYNC_DSASP 323830	46.87 1.14 0.00	42.96 1.13 0.00	39.70 0.85 0.00	38.95 0.73 0.00	39.04 0.84 0.00	43.86 1.15 0.00	54.58 1.74 0.00	61.30 2.47 0.00	61.09 2.35 0.00	57.83 1.90 0.00	57.60 1.95 0.00	55.63 1.67 0.00	54.25 2.14 0.00	57.73 2.59 0.00	62.89 3.56 0.00	65.15 4.38 0.00	74.49 5.96 0.00	89.87 7.42 0.00	75.37 6.22 0.00	71.56 5.48 0.00	67.50 5.00 0.00	64.04 4.47 0.00	63.03 4.07 0.00	59.25 3.56 0.00

V_F_30_NSYNC___DSASP 323816	47.83 2.10 0.00	43.67 1.84 0.00	40.55 1.71 0.00	39.90 1.68 0.00	39.85 1.64 0.00	44.71 2.01 0.00	55.37 2.54 0.00	61.66 2.82 0.00	61.50 2.76 0.00	58.34 2.41 0.00	57.93 2.28 0.00	56.07 2.10 0.00	53.93 1.82 0.00	57.12 1.99 0.00	61.46 2.14 0.00	63.27 2.49 0.00	71.27 2.74 0.00	86.08 3.63 0.00	72.33 3.18 0.00	69.18 3.11 0.00	65.43 2.94 0.00	62.38 2.80 0.00	61.79 2.83 0.00	58.36 2.67 0.00
V_F_30_SYNC_DSASP 323786	47.51 1.78 0.00	43.33 1.51 0.00	40.28 1.44 0.00	39.64 1.41 0.00	39.58 1.38 0.00	44.33 1.62 0.00	54.84 2.01 0.00	60.25 1.41 0.00	60.15 1.41 0.00	57.16 1.23 0.00	56.87 1.22 0.00	55.09 1.13 0.00	53.15 1.04 0.00	56.24 1.10 0.00	60.40 1.07 0.00	61.93 1.15 0.00	69.42 0.89 0.00	83.60 1.15 0.00	70.33 1.18 0.00	67.20 1.12 0.00	63.75 1.25 0.00	60.83 1.25 0.00	60.38 1.42 0.00	57.13 1.45 0.00
V_XM_10_SYNC_DSASP 323789	46.82 1.10 0.00	42.91 1.09 0.00	39.81 0.97 0.00	39.06 0.84 0.00	39.08 0.88 0.00	43.65 0.94 0.00	54.10 1.27 0.00	60.36 1.53 0.00	60.27 1.53 0.00	57.44 1.51 0.00	57.21 1.56 0.00	55.47 1.51 0.00	53.73 1.62 0.00	56.63 1.49 0.00	60.99 1.66 0.00	62.54 1.76 0.00	70.79 2.26 0.00	85.09 2.64 0.00	71.29 2.14 0.00	68.39 2.31 0.00	64.68 2.19 0.00	61.60 2.03 0.00	60.85 1.89 0.00	57.35 1.67 0.00
W.BABYLN_69_KV_BK1 56697	49.70 3.98 0.00	45.17 3.35 0.00	41.91 3.07 0.00	41.09 2.87 0.00	40.88 2.67 0.00	46.46 3.76 0.00	57.71 4.86 -0.02	64.50 5.65 -0.02	64.44 5.70 0.00	60.74 4.81 0.00	60.49 4.84 0.00	58.44 4.48 0.00	56.54 4.43 0.00	59.77 4.63 0.00	64.31 4.98 0.00	69.83 4.86 -4.19	85.39 5.48 -11.38	101.69 6.84 -12.40	107.97 6.02 -32.81	104.40 5.62 -32.71	90.30 5.06 -22.74	84.63 5.00 -20.05	64.23 5.25 -0.02	60.64 4.90 -0.06
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	47.55 1.83 0.00	43.42 1.59 0.00	40.36 1.51 0.00	39.75 1.53 0.00	39.58 1.38 0.00	44.41 1.71 0.00	54.95 2.11 0.00	61.48 2.65 0.00	61.44 2.70 0.00	58.34 2.41 0.00	57.82 2.17 0.00	56.01 2.05 0.00	54.25 2.14 0.00	57.40 2.26 0.00	61.64 2.31 0.00	62.84 2.07 0.00	70.79 2.26 0.00	85.33 2.89 0.00	71.92 2.77 0.00	68.58 2.51 0.00	64.68 2.19 0.00	61.84 2.26 0.00	61.26 2.30 0.00	57.74 2.06 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	47.92 2.19 0.00	43.71 1.88 0.00	40.63 1.79 0.00	39.98 1.76 0.00	39.85 1.64 0.00	44.76 2.05 0.00	55.58 2.75 0.00	62.19 3.35 0.00	62.09 3.35 0.00	59.07 3.13 0.00	58.49 2.84 0.00	56.71 2.75 0.00	54.87 2.76 0.00	57.90 2.76 0.00	62.12 2.79 0.00	63.33 2.55 0.00	71.34 2.81 0.00	86.08 3.63 0.00	72.54 3.39 0.00	69.11 3.04 0.00	65.18 2.69 0.00	62.26 2.68 0.00	61.73 2.77 0.00	58.24 2.56 0.00
W50THST__13_KV_LOAD 356117	48.10 2.38 0.00	43.88 2.05 0.00	40.78 1.94 0.00	40.13 1.91 0.00	39.96 1.76 0.00	44.88 2.18 0.00	55.79 2.96 0.00	62.42 3.59 0.00	62.38 3.64 0.00	59.40 3.47 0.00	58.76 3.12 0.00	56.98 3.02 0.00	55.19 3.07 0.00	58.23 3.09 0.00	62.41 3.09 0.00	63.63 2.86 0.00	71.68 3.15 0.00	86.49 4.04 0.00	72.89 3.73 0.00	69.44 3.37 0.00	65.43 2.94 0.00	62.56 2.98 0.00	62.03 3.07 0.00	58.47 2.78 0.00
WADING RIVER_IC_1 23522	49.76 4.02 -0.01	45.17 3.35 0.00	41.79 2.95 0.00	40.98 2.75 0.00	40.72 2.52 0.00	46.51 3.80 -0.01	57.81 4.96 -0.02	64.67 5.83 -0.02	64.51 5.76 -0.01	60.91 4.98 0.00	60.38 4.73 -0.01	58.29 4.32 -0.01	56.44 4.32 -0.01	59.78 4.63 -0.01	64.26 4.92 -0.01	69.77 4.80 -4.19	85.32 5.41 -11.38	101.77 6.93 -12.40	107.91 5.95 -32.81	104.21 5.42 -32.71	90.36 5.13 -22.74	84.69 5.06 -20.05	64.65 5.66 -0.02	60.86 5.12 -0.06
WADING RIVER_IC_2 23547	49.76 4.02 -0.01	45.17 3.35 0.00	41.79 2.95 0.00	40.98 2.75 0.00	40.72 2.52 0.00	46.51 3.80 -0.01	57.81 4.96 -0.02	64.67 5.83 -0.02	64.51 5.76 -0.01	60.91 4.98 0.00	60.38 4.73 -0.01	58.29 4.32 -0.01	56.44 4.32 -0.01	59.78 4.63 -0.01	64.26 4.92 -0.01	69.77 4.80 -4.19	85.32 5.41 -11.38	101.77 6.93 -12.40	107.91 5.95 -32.81	104.21 5.42 -32.71	90.36 5.13 -22.74	84.69 5.06 -20.05	64.65 5.66 -0.02	60.86 5.12 -0.06
WADING RIVER_IC_3 23601	49.76 4.02 -0.01	45.17 3.35 0.00	41.79 2.95 0.00	40.98 2.75 0.00	40.72 2.52 0.00	46.51 3.80 -0.01	57.81 4.96 -0.02	64.67 5.83 -0.02	64.51 5.76 -0.01	60.91 4.98 0.00	60.38 4.73 -0.01	58.29 4.32 -0.01	56.44 4.32 -0.01	59.78 4.63 -0.01	64.26 4.92 -0.01	69.77 4.80 -4.19	85.32 5.41 -11.38	101.77 6.93 -12.40	107.91 5.95 -32.81	104.21 5.42 -32.71	90.36 5.13 -22.74	84.69 5.06 -20.05	64.65 5.66 -0.02	60.86 5.12 -0.06
WALDENNY_12_KV_BK2 80841	41.47 -4.25 0.00	38.23 -3.60 0.00	35.39 -3.46 0.00	35.01 -3.21 0.00	35.34 -2.87 0.00	38.44 -4.27 0.00	46.86 -5.97 0.00	52.19 -6.65 0.00	52.75 -5.99 0.00	51.91 -4.03 0.00	51.98 -3.67 0.00	50.67 -3.29 0.00	48.41 -3.70 0.00	52.22 -2.92 0.00	56.54 -2.79 0.00	57.31 -3.46 0.00	64.76 -3.77 0.00	77.50 -4.95 0.00	63.69 -5.46 0.00	60.52 -5.55 0.00	57.56 -4.94 0.00	54.27 -5.30 0.00	53.77 -5.19 0.00	51.62 -4.06 0.00
WALDEN__HYDRO 24148	47.60 1.87 0.00	43.42 1.59 0.00	40.36 1.51 0.00	39.71 1.49 0.00	39.58 1.38 0.00	44.41 1.71 0.00	54.89 2.06 0.00	61.42 2.59 0.00	61.39 2.64 0.00	58.23 2.29 0.00	57.71 2.06 0.00	55.85 1.89 0.00	54.04 1.93 0.00	57.12 1.99 0.00	61.40 2.08 0.00	62.78 2.01 0.00	70.86 2.33 0.00	85.42 2.97 0.00	71.92 2.77 0.00	68.65 2.58 0.00	64.81 2.31 0.00	61.90 2.32 0.00	61.26 2.30 0.00	57.69 2.00 0.00
WARRENSBURG____ 23737	47.51 1.78 0.00	43.37 1.55 0.00	40.28 1.44 0.00	39.64 1.41 0.00	39.62 1.41 0.00	44.54 1.84 0.00	55.05 2.22 0.00	61.42 2.59 0.00	61.21 2.47 0.00	57.95 2.01 0.00	57.43 1.78 0.00	55.47 1.51 0.00	53.31 1.20 0.00	56.46 1.32 0.00	60.75 1.42 0.00	62.72 1.94 0.00	70.79 2.26 0.00	85.58 3.13 0.00	72.06 2.90 0.00	68.85 2.78 0.00	65.12 2.62 0.00	62.02 2.44 0.00	61.44 2.48 0.00	57.91 2.23 0.00
WATERSIDE____6 8 9 23538	48.24 2.51 0.00	44.00 2.17 0.00	40.78 1.94 0.00	40.13 1.91 0.00	39.96 1.76 0.00	44.80 2.09 0.00	55.63 2.80 0.00	62.13 3.29 0.00	62.03 3.29 0.00	59.01 3.08 0.00	58.38 2.73 0.00	56.66 2.70 0.00	54.92 2.81 0.00	57.84 2.70 0.00	62.00 2.67 0.00	63.15 2.37 0.00	71.07 2.54 0.00	85.66 3.22 0.00	72.26 3.11 0.00	68.85 2.78 0.00	65.00 2.50 0.00	62.14 2.56 0.00	61.67 2.71 0.00	58.36 2.67 0.00
WATKINRD_115KV_LN8_ILLION 55919	46.14 0.41 0.00	42.16 0.33 0.00	39.15 0.31 0.00	38.49 0.27 0.00	38.47 0.27 0.00	43.09 0.38 0.00	53.36 0.53 0.00	59.48 0.65 0.00	59.45 0.70 0.00	56.60 0.67 0.00	56.37 0.72 0.00	54.66 0.70 0.00	52.94 0.83 0.00	56.13 0.99 0.00	60.45 1.13 0.00	62.05 1.28 0.00	70.04 1.51 0.00	84.26 1.81 0.00	70.74 1.59 0.00	67.53 1.45 0.00	63.87 1.37 0.00	60.95 1.37 0.00	60.32 1.36 0.00	56.91 1.23 0.00

WDELAWARE___HYD 323627	48.10 2.38 0.00	43.79 1.97 0.00	40.67 1.83 0.00	39.94 1.72 0.00	39.85 1.64 0.00	44.80 2.09 0.00	55.21 2.38 0.00	61.95 3.12 0.00	61.91 3.17 0.00	58.56 2.63 0.00	57.99 2.34 0.00	56.06 2.10 0.00	54.30 2.19 0.00	57.51 2.37 0.00	61.82 2.49 0.00	63.39 2.61 0.00	71.68 3.15 0.00	86.65 4.20 0.00	72.68 3.52 0.00	69.51 3.43 0.00	65.68 3.19 0.00	62.67 3.10 0.00	61.97 3.01 0.00	58.02 2.34 0.00
WEST BABYLON___IC 23714	49.70 3.98 0.00	45.17 3.35 0.00	41.91 3.07 0.00	41.09 2.87 0.00	40.88 2.67 0.00	46.46 3.76 0.00	57.71 4.86 -0.02	64.50 5.65 -0.02	64.44 5.70 0.00	60.74 4.81 0.00	60.49 4.84 0.00	58.44 4.48 0.00	56.54 4.43 0.00	59.77 4.63 0.00	64.31 4.98 0.00	69.83 4.86 -4.19	85.39 5.48 -11.38	101.69 6.84 -12.40	107.97 6.02 -32.81	104.40 5.62 -32.71	90.30 5.06 -22.74	84.63 5.00 -20.05	64.23 5.25 -0.02	60.64 4.90 -0.06
WEST CANADA___HYD 24049	45.77 0.05 0.00	41.83 0.00 0.00	38.84 0.00 0.00	38.22 0.00 0.00	38.20 0.00 0.00	42.75 0.04 0.00	52.89 0.05 0.00	58.89 0.06 0.00	58.86 0.12 0.00	55.99 0.06 0.00	55.70 0.06 0.00	54.01 0.05 0.00	52.22 0.10 0.00	55.25 0.11 0.00	59.45 0.12 0.00	60.90 0.12 0.00	68.67 0.14 0.00	82.70 0.25 0.00	69.29 0.14 0.00	66.21 0.13 0.00	62.62 0.13 0.00	59.70 0.12 0.00	59.08 0.12 0.00	55.74 0.06 0.00
WESTERN_NY_WIND 24143	42.66 -3.06 0.00	39.32 -2.51 0.00	36.32 -2.52 0.00	35.85 -2.37 0.00	36.18 -2.02 0.00	39.50 -3.20 0.00	48.13 -4.70 0.00	53.71 -5.12 0.00	54.04 -4.70 0.00	52.74 -3.19 0.00	52.70 -2.95 0.00	51.32 -2.64 0.00	49.04 -3.07 0.00	52.60 -2.54 0.00	56.90 -2.43 0.00	57.86 -2.92 0.00	65.51 -3.02 0.00	78.74 -3.71 0.00	64.79 -4.36 0.00	61.58 -4.49 0.00	58.50 -4.00 0.00	55.23 -4.35 0.00	54.48 -4.48 0.00	52.29 -3.40 0.00
WESTOVER___LESR 323668	44.99 -0.73 0.00	41.20 -0.63 0.00	38.22 -0.62 0.00	37.69 -0.54 0.00	37.75 -0.46 0.00	41.98 -0.73 0.00	51.94 -0.90 0.00	57.77 -1.06 0.00	57.86 -0.88 0.00	55.43 -0.50 0.00	55.15 -0.50 0.00	53.53 -0.43 0.00	51.54 -0.57 0.00	54.75 -0.39 0.00	59.03 -0.30 0.00	60.47 -0.30 0.00	68.32 -0.21 0.00	82.12 -0.33 0.00	68.60 -0.55 0.00	65.41 -0.66 0.00	61.81 -0.69 0.00	58.74 -0.83 0.00	58.08 -0.88 0.00	55.07 -0.61 0.00
WETHRSFD_WT_PWR 323626	41.02 -4.71 0.00	37.85 -3.97 0.00	35.31 -3.53 0.00	35.05 -3.17 0.00	35.15 -3.06 0.00	38.35 -4.36 0.00	47.18 -5.65 0.00	52.42 -6.41 0.00	52.93 -5.82 0.00	51.91 -4.03 0.00	52.03 -3.62 0.00	50.78 -3.18 0.00	48.57 -3.55 0.00	51.72 -3.42 0.00	56.42 -2.91 0.00	57.74 -3.04 0.00	65.31 -3.22 0.00	78.41 -4.04 0.00	64.72 -4.43 0.00	62.24 -3.83 0.00	58.19 -4.31 0.00	54.99 -4.59 0.00	54.66 -4.30 0.00	53.35 -2.34 0.00
WHAVSTOR_138KV_BK127 55557	47.42 1.69 0.00	43.29 1.46 0.00	40.28 1.44 0.00	39.64 1.41 0.00	39.46 1.26 0.00	44.29 1.58 0.00	54.84 2.01 0.00	61.36 2.53 0.00	61.27 2.53 0.00	58.23 2.29 0.00	57.71 2.06 0.00	55.90 1.94 0.00	54.14 2.03 0.00	57.23 2.10 0.00	61.46 2.14 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.09 2.64 0.00	71.64 2.49 0.00	68.32 2.25 0.00	64.50 2.00 0.00	61.60 2.03 0.00	61.08 2.12 0.00	57.58 1.89 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	47.42 1.69 0.00	43.29 1.46 0.00	40.28 1.44 0.00	39.64 1.41 0.00	39.46 1.26 0.00	44.29 1.58 0.00	54.84 2.01 0.00	61.36 2.53 0.00	61.27 2.53 0.00	58.23 2.29 0.00	57.71 2.06 0.00	55.90 1.94 0.00	54.14 2.03 0.00	57.23 2.10 0.00	61.46 2.14 0.00	62.66 1.88 0.00	70.52 1.99 0.00	85.09 2.64 0.00	71.64 2.49 0.00	68.32 2.25 0.00	64.50 2.00 0.00	61.60 2.03 0.00	61.08 2.12 0.00	57.58 1.89 0.00
WHITEHAL_115KV_TB1 80871	48.38 2.65 0.00	44.13 2.30 0.00	40.98 2.14 0.00	40.32 2.10 0.00	40.31 2.10 0.00	45.40 2.69 0.00	56.22 3.38 0.00	62.72 3.88 0.00	62.56 3.82 0.00	59.12 3.19 0.00	58.54 2.89 0.00	56.55 2.59 0.00	54.25 2.14 0.00	57.46 2.32 0.00	61.88 2.55 0.00	64.00 3.22 0.00	72.30 3.77 0.00	87.56 5.11 0.00	73.71 4.56 0.00	70.50 4.43 0.00	66.68 4.19 0.00	63.45 3.87 0.00	62.79 3.83 0.00	59.13 3.45 0.00
WHITEPLN_13_KV_LOAD 356215	48.15 2.42 0.00	43.92 2.09 0.00	40.82 1.98 0.00	40.17 1.95 0.00	40.04 1.83 0.00	44.93 2.22 0.00	55.79 2.96 0.00	62.60 3.77 0.00	62.56 3.82 0.00	59.40 3.47 0.00	58.93 3.28 0.00	57.09 3.13 0.00	55.19 3.07 0.00	58.28 3.14 0.00	62.59 3.26 0.00	63.82 3.04 0.00	71.96 3.43 0.00	87.07 4.62 0.00	73.23 4.08 0.00	69.77 3.70 0.00	65.81 3.31 0.00	62.79 3.22 0.00	62.20 3.24 0.00	58.63 2.95 0.00
WM_FLOYD_69_KV_BK2 356380	49.70 3.98 0.00	45.09 3.26 0.00	41.83 2.99 0.00	41.01 2.79 0.00	40.76 2.56 0.00	46.46 3.76 0.00	57.82 4.97 -0.02	64.56 5.71 -0.02	64.38 5.64 0.00	60.52 4.59 0.00	60.32 4.67 0.00	58.22 4.26 0.00	56.28 4.17 0.00	59.50 4.36 0.00	64.13 4.81 0.00	69.77 4.80 -4.19	85.39 5.48 -11.38	101.77 6.93 -12.40	108.11 6.15 -32.81	104.40 5.62 -32.71	90.36 5.12 -22.74	84.69 5.06 -20.05	64.59 5.60 -0.02	60.97 5.23 -0.06
WOODARD__115KV_TB2 355635	44.58 -1.14 0.00	40.78 -1.05 0.00	37.87 -0.97 0.00	37.30 -0.92 0.00	37.33 -0.88 0.00	41.64 -1.07 0.00	51.51 -1.32 0.00	57.30 -1.53 0.00	57.33 -1.41 0.00	54.70 -1.23 0.00	54.42 -1.22 0.00	52.77 -1.19 0.00	50.91 -1.20 0.00	53.87 -1.27 0.00	58.02 -1.31 0.00	59.44 -1.34 0.00	67.16 -1.37 0.00	80.72 -1.73 0.00	67.56 -1.59 0.00	64.42 -1.65 0.00	60.87 -1.62 0.00	57.97 -1.61 0.00	57.31 -1.65 0.00	54.12 -1.56 0.00
WOODMERE_69_KV_BK1 55827	49.20 3.48 0.00	44.80 2.97 0.00	41.56 2.72 0.00	40.78 2.56 0.00	40.57 2.37 0.00	45.95 3.25 0.00	57.02 4.17 -0.02	63.67 4.82 -0.02	63.68 4.93 0.00	60.35 4.42 0.00	59.93 4.28 0.00	58.06 4.10 0.00	56.23 4.12 0.00	59.39 4.25 0.00	63.72 4.39 0.00	68.98 4.01 -4.19	84.43 4.52 -11.38	100.53 5.69 -12.40	107.08 5.12 -32.81	103.48 4.69 -32.71	89.55 4.31 -22.74	83.85 4.23 -20.05	63.34 4.36 -0.02	59.81 4.06 -0.06
YORK___WARBASSE 23770	48.47 2.74 0.00	44.21 2.38 0.00	41.02 2.18 0.00	40.36 2.14 0.00	40.15 1.95 0.00	44.97 2.26 0.00	55.79 2.96 0.00	62.01 3.18 0.00	61.86 3.11 0.00	58.90 2.96 0.00	58.21 2.56 0.00	56.55 2.59 0.00	54.92 2.81 0.00	57.68 2.54 0.00	61.76 2.43 0.00	62.97 2.19 0.00	70.79 2.26 0.00	85.42 2.97 0.00	72.19 3.04 0.00	68.72 2.64 0.00	64.93 2.44 0.00	62.08 2.50 0.00	61.73 2.77 0.00	58.58 2.90 0.00