

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										07/18/2025		
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	73.40	65.34	61.40	59.89	61.24	61.52	63.07	63.36	65.86	65.91	61.55	61.30	64.23	68.71	71.13	75.93	83.98	94.87	88.10	82.04	78.52	67.33	61.72	58.27									
		4.73	3.85	3.71	3.64	3.73	3.55	3.93	4.09	4.54	4.83	4.82	5.16	5.41	5.90	6.17	6.40	6.79	8.47	7.20	5.01	4.72	4.41	4.25	3.96									
		-7.22	-10.79	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.00	0.00	0.00	0.00	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	73.52	65.29	61.40	59.89	61.18	61.41	62.96	63.19	65.73	65.73	61.50	61.19	64.06	68.58	71.06	75.86	83.91	94.79	88.10	82.11	78.60	67.46	61.72	58.27									
		4.85	3.80	3.71	3.64	3.68	3.44	3.82	3.91	4.41	4.64	4.77	5.05	5.23	5.78	6.11	6.33	6.72	8.38	7.20	5.08	4.80	4.53	4.25	3.96									
		-7.22	-10.79	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.00	0.00	0.00	0.00	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	73.52	65.29	61.40	59.89	61.18	61.41	62.96	63.19	65.73	65.73	61.50	61.19	64.06	68.58	71.06	75.86	83.91	94.79	88.10	82.11	78.60	67.46	61.72	58.27									
		4.85	3.80	3.71	3.64	3.68	3.44	3.82	3.91	4.41	4.64	4.77	5.05	5.23	5.78	6.11	6.33	6.72	8.38	7.20	5.08	4.80	4.53	4.25	3.96									
		-7.22	-10.79	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.00	0.00	0.00	0.00	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	95.36	98.49	90.47	81.44	66.37	69.38	71.97	62.42	64.45	63.77	58.55	57.71	60.29	64.44	66.65	71.69	79.74	90.03	84.94	80.80	77.93	66.33	60.34	56.80									
		4.12	3.24	3.04	3.05	3.34	3.38	3.37	3.14	3.13	2.69	1.82	1.57	1.47	1.63	1.69	2.16	2.55	3.63	4.04	3.77	4.13	3.40	2.87	2.50									
		-29.79	-44.55	-39.25	-29.22	-7.29	-10.59	-12.49	0.00	0.00	0.00	0.00	0.00	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	95.55	98.74	90.65	81.57	66.41	69.43	72.03	62.41	64.44	63.77	58.43	57.65	60.17	64.31	66.52	71.62	79.66	89.95	85.02	81.03	78.08	66.32	60.34	56.75									
		4.18	3.29	3.04	3.05	3.34	3.38	3.37	3.14	3.13	2.68	1.70	1.52	1.35	1.50	1.56	2.08	2.47	3.54	4.12	4.00	4.28	3.40	2.87	2.45									
		-29.92	-44.75	-39.43	-29.35	-7.33	-10.64	-12.54	0.00	0.00	0.00	0.00	0.00	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	95.36	98.49	90.47	81.44	66.37	69.38	71.97	62.42	64.45	63.77	58.55	57.71	60.29	64.44	66.65	71.69	79.74	90.03	84.94	80.80	77.93	66.33	60.34	56.80									
		4.12	3.24	3.04	3.05	3.34	3.38	3.37	3.14	3.13	2.69	1.82	1.57	1.47	1.63	1.69	2.16	2.55	3.63	4.04	3.77	4.13	3.40	2.87	2.50									
		-29.79	-44.55	-39.25	-29.22	-7.29	-10.59	-12.49	0.00	0.00	0.00	0.00	0.00	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	88.09	87.89	81.26	74.69	64.77	66.94	69.31	62.77	64.93	64.50	59.11	58.38	61.11	65.63	68.08	73.15	81.36	91.41	85.67	80.73	77.27	66.14	60.17	56.64									
		3.87	3.14	3.09	3.19	3.46	3.44	3.65	3.50	3.62	3.42	2.38	2.25	2.29	2.83	3.12	3.61	4.17	5.01	4.77	3.70	3.47	3.21	2.70	2.33									
		-22.76	-34.04	-29.99	-22.33	-5.57	-8.10	-9.54	0.00	0.00	0.00	0.00	0.00	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	82.00	80.21	74.36	69.20	62.33	64.04	65.90	61.05	62.85	62.49	57.64	56.87	59.58	63.43	65.67	70.37	77.73	87.18	81.55	77.18	74.24	63.68	58.04	55.23									
		2.03	1.83	1.78	1.87	2.06	2.05	2.02	1.78	1.53	1.40	0.91	0.73	0.76	0.63	0.71	0.83	0.54	0.78	0.65	0.15	0.44	0.76	0.57	0.92									
		-18.52	-27.69	-24.40	-18.16	-4.53	-6.58	-7.76	0.00	0.00	0.00	0.00	0.00	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	60.84	50.24	47.75	48.78	55.57	55.24	56.01	59.69	61.62	61.21	56.84	56.19	58.88	62.80	64.83	69.26	76.65	85.37	79.93	76.88	73.65	62.99	57.64	54.52									
		-0.61	-0.46	-0.43	-0.39	-0.17	-0.17	-0.11	0.41	0.31	0.12	0.11	0.06	0.06	0.00	-0.13	-0.28	-0.54	-1.04	-0.97	-0.15	-0.15	0.06	0.17	0.22									
		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									
ALBANY_1_SOLAR	323833	79.85	76.29	70.95	66.83	62.30	63.62	65.23	61.58	63.40	62.92	57.98	57.20	59.88	63.56	60.81	64.19	69.61	86.82	81.37	77.18	74.25	63.43	57.91	54.89									
		2.95	2.48	2.41	2.51	2.79	2.71	2.64	2.31	2.09	1.83	1.25	1.06	1.06	0.76	0.00	0.14	0.00	0.43	0.49	0.15	0.45	0.50	0.46	0.60									
		-15.45	-23.10	-20.36	-15.15	-3.78	-5.49	-6.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.15	5.48	7.58	0.02	0.02	0.00	0.00	0.00	0.02	0.02									
ALBANY_2_SOLAR	323834	79.79	76.28	70.94	66.78	62.30	63.62	65.23	61.58	63.40	62.92	57.92	57.20	59.88	63.56	60.74	64.19	69.61	86.73	81.37	77.11	74.17	63.37	57.86	54.89									
		2.89	2.48	2.41	2.46	2.79	2.71	2.64	2.31	2.09	1.83	1.19	1.06	1.06	0.76	-0.06	0.14	0.00	0.35	0.49	0.08	0.37	0.44	0.41	0.60									
		-15.45	-23.10	-20.35	-15.15	-3.78	-5.49	-6.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.15	5.48	7.58	0.02	0.02	0.00	0.00	0.00	0.02	0.02									
ALBANY___1	23571	82.00	80.21	74.36	69.20	62.33	64.04	65.90	61.05	62.85	62.49	57.64	56.87	59.58	63.43	65.67	70.37	77.73	87.18	81.55	77.18	74.24	63.68	58.04	55.23									
		2.03	1.83	1.78	1.87	2.06	2.05	2.02	1.78	1.53	1.40	0.91	0.73	0.76	0.63	0.71	0.83	0.54	0.78	0.65	0.15	0.44	0.76	0.57	0.92									
		-18.52	-27.69	-24.40	-18.16	-4.53	-6.58	-7.76	0.00	0.00	0.00	0.00	0.00	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	82.00 2.03 -18.52	80.21 1.83 -27.69	74.36 1.78 -24.40	69.20 1.87 -18.16	62.33 2.06 -4.53	64.04 2.05 -6.58	65.90 2.02 -7.76	61.05 1.78 0.00	62.85 1.53 0.00	62.49 1.40 0.00	57.64 0.91 0.00	56.87 0.73 0.00	59.58 0.76 0.00	63.43 0.63 0.00	65.67 0.71 0.00	70.37 0.83 0.00	77.73 0.54 0.00	87.18 0.78 0.00	81.55 0.65 0.00	77.18 0.15 0.00	74.24 0.44 0.00	63.68 0.76 0.00	58.04 0.57 0.00	55.23 0.92 0.00
ALBANY___3 23573	82.00 2.03 -18.52	80.21 1.83 -27.69	74.36 1.78 -24.40	69.20 1.87 -18.16	62.33 2.06 -4.53	64.04 2.05 -6.58	65.90 2.02 -7.76	61.05 1.78 0.00	62.85 1.53 0.00	62.49 1.40 0.00	57.64 0.91 0.00	56.87 0.73 0.00	59.58 0.76 0.00	63.43 0.63 0.00	65.67 0.71 0.00	70.37 0.83 0.00	77.73 0.54 0.00	87.18 0.78 0.00	81.55 0.65 0.00	77.18 0.15 0.00	74.24 0.44 0.00	63.68 0.76 0.00	58.04 0.57 0.00	55.23 0.92 0.00
ALBANY___4 23574	82.00 2.03 -18.52	80.21 1.83 -27.69	74.36 1.78 -24.40	69.20 1.87 -18.16	62.33 2.06 -4.53	64.04 2.05 -6.58	65.90 2.02 -7.76	61.05 1.78 0.00	62.85 1.53 0.00	62.49 1.40 0.00	57.64 0.91 0.00	56.87 0.73 0.00	59.58 0.76 0.00	63.43 0.63 0.00	65.67 0.71 0.00	70.37 0.83 0.00	77.73 0.54 0.00	87.18 0.78 0.00	81.55 0.65 0.00	77.18 0.15 0.00	74.24 0.44 0.00	63.68 0.76 0.00	58.04 0.57 0.00	55.23 0.92 0.00
ALBANY___LFGE 323615	85.99 2.70 -21.84	85.75 2.38 -32.67	79.23 2.27 -28.78	72.96 2.36 -21.43	63.71 2.62 -5.35	65.73 2.55 -7.77	67.80 2.53 -9.16	61.58 2.31 0.00	63.46 2.15 0.00	63.10 2.01 0.00	58.15 1.42 0.00	57.48 1.35 0.00	60.17 1.35 0.00	64.12 1.32 0.00	66.39 1.43 0.00	71.20 1.67 0.00	78.73 1.54 0.00	88.39 1.99 0.00	82.68 1.78 0.00	78.26 1.23 0.00	75.20 1.40 0.00	64.25 1.32 0.00	58.68 1.21 0.00	55.66 1.36 0.00
ALCOA_PA_115KV_PL-6C 55860	61.08 -0.37 0.00	50.45 -0.25 0.00	47.89 -0.29 0.00	48.98 -0.20 0.00	55.79 0.06 0.00	55.47 0.06 0.00	56.29 0.17 0.00	59.99 0.71 0.00	61.93 0.61 0.00	61.51 0.43 0.00	57.07 0.34 0.00	56.47 0.34 0.00	59.11 0.29 0.00	62.99 0.19 0.00	64.96 0.00 0.00	69.26 -0.28 0.00	76.65 -0.54 0.00	85.45 -0.95 0.00	79.93 -0.97 0.00	77.03 0.00 0.00	73.95 0.15 0.00	63.31 0.38 0.00	57.99 0.52 0.00	54.79 0.49 0.00
ALCOA_RYNLDS___DRP 24188	61.08 -0.37 0.00	50.45 -0.25 0.00	47.89 -0.29 0.00	48.98 -0.20 0.00	55.79 0.06 0.00	55.47 0.06 0.00	56.29 0.17 0.00	59.99 0.71 0.00	61.93 0.61 0.00	61.51 0.43 0.00	57.07 0.34 0.00	56.47 0.34 0.00	59.11 0.29 0.00	62.99 0.19 0.00	64.96 0.00 0.00	69.26 -0.28 0.00	76.65 -0.54 0.00	85.45 -0.95 0.00	79.93 -0.97 0.00	77.03 0.00 0.00	73.95 0.15 0.00	63.31 0.38 0.00	57.99 0.52 0.00	54.79 0.49 0.00
ALCOA___DSASP 323711	61.08 -0.37 0.00	50.45 -0.25 0.00	47.90 -0.29 0.00	48.98 -0.20 0.00	55.79 0.06 0.00	55.47 0.06 0.00	56.29 0.17 0.00	59.99 0.71 0.00	61.93 0.61 0.00	61.52 0.43 0.00	57.07 0.34 0.00	56.47 0.34 0.00	59.12 0.30 0.00	62.99 0.19 0.00	64.96 0.00 0.00	69.19 -0.35 0.00	76.65 -0.54 0.00	85.46 -0.95 0.00	79.93 -0.97 0.00	76.88 -0.15 0.00	73.95 0.15 0.00	63.31 0.38 0.00	57.99 0.52 0.00	54.79 0.49 0.00
ALLEGHENY___COGEN 23514	61.60 -1.17 -1.32	51.71 -0.96 -1.98	48.91 -1.01 -1.74	49.14 -1.33 -1.30	53.83 -2.23 -0.32	53.83 -2.05 -0.47	54.54 -2.13 -0.55	55.78 -3.50 0.00	57.02 -4.29 0.00	56.81 -4.28 0.00	53.55 -3.18 0.00	52.94 -3.20 0.00	55.82 -3.00 0.00	59.35 -3.45 0.00	61.32 -3.64 0.00	65.71 -3.82 0.00	74.57 -2.62 0.00	84.08 -2.33 0.00	80.34 -0.56 0.00	78.03 1.00 0.00	74.46 0.66 0.00	62.68 -0.25 0.00	57.24 -0.23 0.00	55.88 1.58 0.00
ALTAMONT_115KV_TB 2 55880	79.70 2.15 -16.10	76.60 1.83 -24.08	71.18 1.78 -21.21	66.83 1.87 -15.79	61.74 2.06 -3.94	63.19 2.05 -5.73	64.89 2.02 -6.75	60.99 1.72 0.00	63.03 1.72 0.00	62.67 1.59 0.00	57.98 1.25 0.00	57.26 1.12 0.00	59.94 1.12 0.00	63.93 1.13 0.00	66.43 1.23 0.00	71.24 1.39 -0.24	79.02 1.39 -0.32	88.31 1.90 0.00	82.68 1.78 0.00	78.18 1.16 0.00	75.06 1.25 0.00	64.19 1.26 0.00	58.51 1.03 0.00	55.39 1.09 0.00
ALTONA_WT_PWR 323606	60.04 -1.41 0.00	49.58 -1.12 0.00	47.17 -1.01 0.00	48.34 -0.84 0.00	55.29 -0.45 0.00	55.13 -0.28 0.00	56.12 0.00 0.00	59.93 0.65 0.00	61.99 0.68 0.00	61.21 0.12 0.00	56.67 -0.06 0.00	56.08 -0.06 0.00	58.76 -0.06 0.00	62.68 -0.13 0.00	64.64 -0.32 0.00	68.97 -0.56 0.00	76.42 -0.77 0.00	85.19 -1.21 0.00	79.84 -1.05 0.00	76.80 -0.23 0.00	73.73 -0.07 0.00	63.25 0.32 0.00	58.16 0.69 0.00	55.01 0.70 0.00
AMERICAN_REF_FUEL 24010	58.14 -4.48 -1.17	48.90 -3.55 -1.75	46.25 -3.47 -1.54	46.38 -3.94 -1.15	50.45 -5.57 -0.29	50.40 -5.43 -0.42	50.95 -5.67 -0.49	51.98 -7.29 0.00	53.83 -7.48 0.00	54.43 -6.66 0.00	52.31 -4.43 0.00	51.92 -4.21 0.00	55.12 -3.70 0.00	58.28 -4.52 0.00	60.15 -4.81 0.00	64.32 -5.22 0.00	73.02 -4.17 0.00	81.48 -4.92 0.00	76.69 -4.21 0.00	73.49 -3.54 0.00	69.38 -4.43 0.00	58.34 -4.59 0.00	53.56 -3.91 0.00	51.48 -2.83 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	60.70 -2.09 -1.34	51.13 -1.57 -2.01	48.36 -1.59 -1.77	48.52 -1.97 -1.32	52.78 -3.29 -0.33	52.84 -3.05 -0.48	53.65 -3.03 -0.56	55.01 -4.27 0.00	57.02 -4.29 0.00	57.67 -3.42 0.00	55.43 -1.30 0.00	55.01 -1.12 0.00	58.35 -0.47 0.00	62.05 -0.75 0.00	64.05 -0.91 0.00	68.70 -0.83 0.00	77.96 0.77 0.00	86.75 0.35 0.00	81.87 0.97 0.00	78.19 1.16 0.00	73.88 0.07 0.00	61.80 -1.13 0.00	56.55 -0.92 0.00	53.87 -0.44 0.00
ARTHUR KILL_GT_1 23520	72.73 4.06 -7.22	64.54 3.04 -10.80	60.73 3.04 -9.51	56.41 3.00 -4.24	56.22 2.79 2.31	55.98 2.38 1.81	55.92 2.69 2.89	57.95 2.73 4.06	59.09 3.13 5.36	64.44 3.36 0.00	61.04 4.31 0.00	61.08 4.94 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.43 5.46 -0.01	75.31 5.77 -0.01	83.22 6.02 -0.01	94.10 7.69 -0.01	87.54 6.63 -0.01	81.57 4.54 0.01	77.93 4.13 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.60 4.29 0.00
ARTHUR_KILL_2 23512	72.42 3.75 -7.22	64.28 2.79 -10.80	60.53 2.84 -9.51	56.21 2.80 -4.24	56.00 2.57 2.31	55.76 2.16 1.81	55.76 2.53 2.89	57.71 2.49 4.06	58.84 2.88 5.36	64.19 3.11 0.01	60.36 3.63 0.00	60.86 4.72 -0.01	63.65 4.82 -0.01	67.65 4.84 -0.01	70.17 5.20 -0.01	74.97 5.43 -0.01	82.91 5.71 -0.01	93.67 7.26 -0.01	87.05 6.15 -0.01	81.18 4.16 0.01	77.56 3.76 0.01	66.27 3.33 -0.01	61.16 3.68 -0.01	58.28 3.96 -0.01
ARTHUR_KILL_3 23513	72.60 3.94 -7.22	64.53 3.04 -10.79	60.67 2.99 -9.50	56.30 2.90 -4.23	56.26 2.84 2.31	56.25 2.66 1.82	56.25 3.03 2.90	58.29 3.08 4.06	59.50 3.56 5.37	64.86 3.79 0.02	60.36 3.63 0.01	60.29 4.15 0.00	63.17 4.35 0.00	67.57 4.77 0.00	70.09 5.13 0.00	74.82 5.28 0.00	82.82 5.63 0.00	93.66 7.26 0.00	86.80 5.90 0.00	80.94 3.93 0.02	77.40 3.62 0.02	66.26 3.33 0.00	60.92 3.45 0.00	57.56 3.26 0.00

ARTHUR_KILL_COGEN 323718	72.73 4.05 -7.22	64.49 2.99 -10.80	60.73 3.04 -9.51	56.41 3.00 -4.24	56.22 2.79 2.31	55.98 2.38 1.81	55.92 2.69 2.89	57.95 2.73 4.06	59.08 3.13 5.36	64.43 3.36 0.01	60.64 3.91 0.00	61.09 4.94 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.42 5.46 -0.01	75.31 5.77 -0.01	83.29 6.10 -0.01	94.10 7.69 -0.01	87.46 6.55 -0.01	81.57 4.54 0.01	77.92 4.13 0.01	66.59 3.65 -0.01	61.39 3.91 -0.01	58.50 4.18 -0.01
ASHOKAN____ 23654	76.93 2.77 -12.71	71.73 2.03 -19.01	66.81 1.88 -16.75	63.41 1.77 -12.47	60.63 1.78 -3.11	61.70 1.77 -4.52	63.30 1.85 -5.33	62.06 2.79 0.00	63.89 2.57 0.00	63.46 2.38 0.00	58.55 1.81 0.00	57.82 1.68 0.00	60.70 1.88 0.00	64.81 2.01 0.00	66.02 4.93 3.87	69.99 5.56 5.11	76.45 6.33 7.07	93.82 7.43 0.02	86.78 5.90 0.02	80.41 3.39 0.00	77.13 3.32 0.00	65.95 3.02 0.00	60.73 3.27 0.02	57.98 3.69 0.02
ASTORIA_EAST_ENERGY_CC1 323581	72.55 3.87 -7.22	64.49 2.99 -10.80	60.88 3.18 -9.52	59.50 3.24 -7.09	60.58 3.06 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.41 3.14 0.00	64.80 3.49 0.01	64.74 3.66 0.01	60.82 4.09 0.00	60.86 4.72 -0.01	63.59 4.76 -0.01	67.52 4.71 -0.01	69.97 5.00 -0.01	74.69 5.15 -0.01	82.76 5.56 -0.01	93.50 7.09 -0.01	86.89 5.99 -0.01	81.18 4.16 0.01	77.56 3.76 0.01	66.27 3.33 -0.01	61.21 3.73 -0.01	58.06 3.74 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	72.55 3.87 -7.22	64.49 2.99 -10.80	60.88 3.18 -9.52	59.50 3.24 -7.09	60.58 3.06 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.41 3.14 0.00	64.80 3.49 0.01	64.74 3.66 0.01	60.82 4.09 0.00	60.86 4.72 -0.01	63.59 4.76 -0.01	67.52 4.71 -0.01	69.97 5.00 -0.01	74.69 5.15 -0.01	82.76 5.56 -0.01	93.50 7.09 -0.01	86.89 5.99 -0.01	81.18 4.16 0.01	77.56 3.76 0.01	66.27 3.33 -0.01	61.21 3.73 -0.01	58.06 3.74 -0.01
ASTORIA_GT2_1 24094	72.61 3.93 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.42 3.14 0.00	64.87 3.56 0.00	64.75 3.67 0.00	61.27 4.54 0.00	60.91 4.77 0.00	63.59 4.76 -0.01	67.65 4.84 -0.01	69.97 5.00 -0.01	74.76 5.21 -0.01	82.76 5.56 -0.01	93.58 7.17 -0.01	86.97 6.07 -0.01	81.10 4.08 0.01	77.56 3.76 0.01	66.46 3.52 -0.01	61.39 3.91 -0.01	58.27 3.96 0.00
ASTORIA_GT2_2 24095	72.61 3.93 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.42 3.14 0.00	64.87 3.56 0.00	64.75 3.67 0.00	61.27 4.54 0.00	60.91 4.77 0.00	63.59 4.76 -0.01	67.65 4.84 -0.01	69.97 5.00 -0.01	74.76 5.21 -0.01	82.76 5.56 -0.01	93.58 7.17 -0.01	86.97 6.07 -0.01	81.10 4.08 0.01	77.56 3.76 0.01	66.46 3.52 -0.01	61.39 3.91 -0.01	58.27 3.96 0.00
ASTORIA_GT2_3 24096	72.61 3.93 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.42 3.14 0.00	64.87 3.56 0.00	64.75 3.67 0.00	61.27 4.54 0.00	60.91 4.77 0.00	63.59 4.76 -0.01	67.65 4.84 -0.01	69.97 5.00 -0.01	74.76 5.21 -0.01	82.76 5.56 -0.01	93.58 7.17 -0.01	86.97 6.07 -0.01	81.10 4.08 0.01	77.56 3.76 0.01	66.46 3.52 -0.01	61.39 3.91 -0.01	58.27 3.96 0.00
ASTORIA_GT2_4 24097	72.61 3.93 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.42 3.14 0.00	64.87 3.56 0.00	64.75 3.67 0.00	61.27 4.54 0.00	60.91 4.77 0.00	63.59 4.76 -0.01	67.65 4.84 -0.01	69.97 5.00 -0.01	74.76 5.21 -0.01	82.76 5.56 -0.01	93.58 7.17 -0.01	86.97 6.07 -0.01	81.10 4.08 0.01	77.56 3.76 0.01	66.46 3.52 -0.01	61.39 3.91 -0.01	58.27 3.96 0.00
ASTORIA_GT3_1 24098	72.61 3.93 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.42 3.14 0.00	64.87 3.56 0.00	64.75 3.67 0.00	61.27 4.54 0.00	60.91 4.77 0.00	63.59 4.76 -0.01	67.65 4.84 -0.01	69.97 5.00 -0.01	74.76 5.21 -0.01	82.76 5.56 -0.01	93.58 7.17 -0.01	86.97 6.07 -0.01	81.10 4.08 0.01	77.56 3.76 0.01	66.46 3.52 -0.01	61.39 3.91 -0.01	58.27 3.96 0.00
ASTORIA_GT3_2 24099	72.61 3.93 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.42 3.14 0.00	64.87 3.56 0.00	64.75 3.67 0.00	61.27 4.54 0.00	60.91 4.77 0.00	63.59 4.76 -0.01	67.65 4.84 -0.01	69.97 5.00 -0.01	74.76 5.21 -0.01	82.76 5.56 -0.01	93.58 7.17 -0.01	86.97 6.07 -0.01	81.10 4.08 0.01	77.56 3.76 0.01	66.46 3.52 -0.01	61.39 3.91 -0.01	58.27 3.96 0.00
ASTORIA_GT3_3 24100	72.61 3.93 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.42 3.14 0.00	64.87 3.56 0.00	64.75 3.67 0.00	61.27 4.54 0.00	60.91 4.77 0.00	63.59 4.76 -0.01	67.65 4.84 -0.01	69.97 5.00 -0.01	74.76 5.21 -0.01	82.76 5.56 -0.01	93.58 7.17 -0.01	86.97 6.07 -0.01	81.10 4.08 0.01	77.56 3.76 0.01	66.46 3.52 -0.01	61.39 3.91 -0.01	58.27 3.96 0.00
ASTORIA_GT3_4 24101	72.61 3.93 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.42 3.14 0.00	64.87 3.56 0.00	64.75 3.67 0.00	61.27 4.54 0.00	60.91 4.77 0.00	63.59 4.76 -0.01	67.65 4.84 -0.01	69.97 5.00 -0.01	74.76 5.21 -0.01	82.76 5.56 -0.01	93.58 7.17 -0.01	86.97 6.07 -0.01	81.10 4.08 0.01	77.56 3.76 0.01	66.46 3.52 -0.01	61.39 3.91 -0.01	58.27 3.96 0.00
ASTORIA_GT4_1 24102	72.61 3.93 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.42 3.14 0.00	64.87 3.56 0.00	64.75 3.67 0.00	61.27 4.54 0.00	60.91 4.77 0.00	63.59 4.76 -0.01	67.65 4.84 -0.01	69.97 5.00 -0.01	74.76 5.21 -0.01	82.76 5.56 -0.01	93.58 7.17 -0.01	86.97 6.07 -0.01	81.10 4.08 0.01	77.56 3.76 0.01	66.46 3.52 -0.01	61.39 3.91 -0.01	58.27 3.96 0.00
ASTORIA_GT4_2 24103	72.61 3.93 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.42 3.14 0.00	64.87 3.56 0.00	64.75 3.67 0.00	61.27 4.54 0.00	60.91 4.77 0.00	63.59 4.76 -0.01	67.65 4.84 -0.01	69.97 5.00 -0.01	74.76 5.21 -0.01	82.76 5.56 -0.01	93.58 7.17 -0.01	86.97 6.07 -0.01	81.10 4.08 0.01	77.56 3.76 0.01	66.46 3.52 -0.01	61.39 3.91 -0.01	58.27 3.96 0.00
ASTORIA_GT4_3 24104	72.61 3.93 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.42 3.14 0.00	64.87 3.56 0.00	64.75 3.67 0.00	61.27 4.54 0.00	60.91 4.77 0.00	63.59 4.76 -0.01	67.65 4.84 -0.01	69.97 5.00 -0.01	74.76 5.21 -0.01	82.76 5.56 -0.01	93.58 7.17 -0.01	86.97 6.07 -0.01	81.10 4.08 0.01	77.56 3.76 0.01	66.46 3.52 -0.01	61.39 3.91 -0.01	58.27 3.96 0.00

ASTORIA_GT4_4 24105	72.61 3.93 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.42 3.14 0.00	64.87 3.56 0.00	64.75 3.67 0.00	61.27 4.54 0.00	60.91 4.77 0.00	63.59 4.76 -0.01	67.65 4.84 -0.01	69.97 5.00 -0.01	74.76 5.21 -0.01	82.76 5.56 -0.01	93.58 7.17 -0.01	86.97 6.07 -0.01	81.10 4.08 0.01	77.56 3.76 0.01	66.46 3.52 -0.01	61.39 3.91 -0.01	58.27 3.96 0.00
ASTORIA_GT_1 23523	72.73 4.06 -7.22	64.69 3.19 -10.80	61.02 3.32 -9.52	59.65 3.39 -7.09	60.74 3.23 -1.77	60.87 2.88 -2.57	62.52 3.37 -3.03	62.59 3.32 0.00	65.00 3.68 0.00	64.93 3.85 0.00	61.44 4.71 0.00	61.08 4.94 0.00	63.77 4.94 -0.01	67.83 5.02 -0.01	70.17 5.20 -0.01	74.96 5.42 -0.01	82.99 5.79 -0.01	93.84 7.43 -0.01	87.22 6.31 -0.01	81.34 4.31 0.01	77.78 3.99 0.01	66.65 3.71 -0.01	61.56 4.08 -0.01	58.38 4.07 0.00
ASTORIA_GT_10 24110	70.79 3.81 -5.53	64.48 2.99 -10.79	60.82 3.13 -9.51	59.40 3.15 -7.08	60.46 2.95 -1.77	60.58 2.60 -2.57	62.12 2.97 -3.02	62.30 3.02 0.00	64.69 3.37 0.00	64.69 3.60 0.00	61.04 4.31 0.00	60.80 4.66 0.00	63.52 4.71 0.00	67.51 4.71 0.00	69.83 4.87 0.00	73.14 5.08 1.47	80.59 5.25 1.85	91.35 6.83 1.88	84.36 5.74 2.28	68.82 3.70 11.91	67.82 3.47 9.45	66.39 3.46 0.00	61.15 3.68 0.00	58.05 3.75 0.00
ASTORIA_GT_11 24225	70.79 3.81 -5.53	64.48 2.99 -10.79	60.82 3.13 -9.51	59.40 3.15 -7.08	60.46 2.95 -1.77	60.58 2.60 -2.57	62.12 2.97 -3.02	62.30 3.02 0.00	64.69 3.37 0.00	64.69 3.60 0.00	61.04 4.31 0.00	60.80 4.66 0.00	63.52 4.71 0.00	67.51 4.71 0.00	69.83 4.87 0.00	73.14 5.08 1.47	80.59 5.25 1.85	91.35 6.83 1.88	84.36 5.74 2.28	68.82 3.70 11.91	67.82 3.47 9.45	66.39 3.46 0.00	61.15 3.68 0.00	58.05 3.75 0.00
ASTORIA_GT_12 24226	70.79 3.81 -5.53	64.48 2.99 -10.79	60.82 3.13 -9.51	59.40 3.15 -7.08	60.46 2.95 -1.77	60.58 2.60 -2.57	62.12 2.97 -3.02	62.30 3.02 0.00	64.69 3.37 0.00	64.69 3.60 0.00	61.04 4.31 0.00	60.80 4.66 0.00	63.52 4.71 0.00	67.51 4.71 0.00	69.83 4.87 0.00	73.14 5.08 1.47	80.59 5.25 1.85	91.35 6.83 1.88	84.36 5.74 2.28	68.82 3.70 11.91	67.82 3.47 9.45	66.39 3.46 0.00	61.15 3.68 0.00	58.05 3.75 0.00
ASTORIA_GT_13 24227	70.79 3.81 -5.53	64.48 2.99 -10.79	60.82 3.13 -9.51	59.40 3.15 -7.08	60.46 2.95 -1.77	60.58 2.60 -2.57	62.12 2.97 -3.02	62.30 3.02 0.00	64.69 3.37 0.00	64.69 3.60 0.00	61.04 4.31 0.00	60.80 4.66 0.00	63.52 4.71 0.00	67.51 4.71 0.00	69.83 4.87 0.00	73.14 5.08 1.47	80.59 5.25 1.85	91.35 6.83 1.88	84.36 5.74 2.28	68.82 3.70 11.91	67.82 3.47 9.45	66.39 3.46 0.00	61.15 3.68 0.00	58.05 3.75 0.00
ASTORIA_GT_5 24106	72.73 4.06 -7.22	64.69 3.19 -10.80	61.02 3.32 -9.52	59.65 3.39 -7.09	60.74 3.23 -1.77	60.87 2.88 -2.57	62.52 3.37 -3.03	62.59 3.32 0.00	65.00 3.68 0.00	64.93 3.85 0.00	61.44 4.71 0.00	61.08 4.94 0.00	63.77 4.94 -0.01	67.83 5.02 -0.01	70.17 5.20 -0.01	74.96 5.42 -0.01	82.99 5.79 -0.01	93.84 7.43 -0.01	87.22 6.31 -0.01	81.34 4.31 0.01	77.78 3.99 0.01	66.65 3.71 -0.01	61.56 4.08 -0.01	58.38 4.07 0.00
ASTORIA_GT_7 24107	72.73 4.06 -7.22	64.69 3.19 -10.80	61.02 3.32 -9.52	59.65 3.39 -7.09	60.74 3.23 -1.77	60.87 2.88 -2.57	62.52 3.37 -3.03	62.59 3.32 0.00	65.00 3.68 0.00	64.93 3.85 0.00	61.44 4.71 0.00	61.08 4.94 0.00	63.77 4.94 -0.01	67.83 5.02 -0.01	70.17 5.20 -0.01	74.96 5.42 -0.01	82.99 5.79 -0.01	93.84 7.43 -0.01	87.22 6.31 -0.01	81.34 4.31 0.01	77.78 3.99 0.01	66.65 3.71 -0.01	61.56 4.08 -0.01	58.38 4.07 0.00
ASTORIA_GT_8 24108	72.73 4.06 -7.22	64.69 3.19 -10.80	61.02 3.32 -9.52	59.65 3.39 -7.09	60.74 3.23 -1.77	60.87 2.88 -2.57	62.52 3.37 -3.03	62.59 3.32 0.00	65.00 3.68 0.00	64.93 3.85 0.00	61.44 4.71 0.00	61.08 4.94 0.00	63.77 4.94 -0.01	67.83 5.02 -0.01	70.17 5.20 -0.01	74.96 5.42 -0.01	82.99 5.79 -0.01	93.84 7.43 -0.01	87.22 6.31 -0.01	81.34 4.31 0.01	77.78 3.99 0.01	66.65 3.71 -0.01	61.56 4.08 -0.01	58.38 4.07 0.00
ASTORIA___2 24149	72.61 3.94 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.41 3.14 0.00	64.86 3.56 0.01	64.74 3.66 0.01	60.87 4.14 0.00	60.91 4.77 -0.01	63.59 4.76 -0.01	67.58 4.77 -0.01	69.97 5.00 -0.01	74.76 5.22 -0.01	82.76 5.56 -0.01	93.58 7.17 -0.01	86.98 6.07 -0.01	81.18 4.16 0.01	77.56 3.76 0.01	66.27 3.33 -0.01	61.27 3.79 -0.01	58.11 3.80 -0.01
ASTORIA___3 23516	70.79 3.81 -5.53	64.43 2.94 -10.79	60.82 3.13 -9.51	59.40 3.15 -7.08	60.40 2.90 -1.77	60.58 2.60 -2.57	62.12 2.97 -3.02	62.30 3.02 0.00	64.68 3.37 0.01	64.68 3.60 0.01	60.64 3.91 0.00	60.80 4.66 -0.01	63.53 4.71 0.00	67.45 4.65 0.00	69.83 4.87 0.01	73.14 5.07 1.47	80.66 5.32 1.85	91.35 6.82 1.88	84.28 5.66 2.28	68.89 3.77 11.91	67.82 3.47 9.45	66.19 3.27 0.01	61.03 3.56 0.00	57.95 3.64 -0.01
ASTORIA___4 23517	70.79 3.81 -5.53	64.48 2.99 -10.79	60.82 3.13 -9.51	59.40 3.15 -7.08	60.40 2.90 -1.77	60.58 2.60 -2.57	62.12 2.97 -3.02	62.30 3.02 0.00	64.69 3.37 0.00	64.69 3.60 0.00	61.04 4.31 0.00	60.80 4.66 0.00	63.52 4.71 0.00	67.51 4.71 0.00	69.83 4.87 0.00	73.14 5.08 1.47	80.59 5.25 1.85	91.35 6.83 1.88	84.36 5.74 2.28	68.82 3.70 11.91	67.82 3.47 9.45	66.39 3.46 0.00	61.15 3.68 0.00	58.05 3.75 0.00
ASTORIA___5 23518	70.79 3.81 -5.53	64.43 2.94 -10.79	60.82 3.13 -9.51	59.40 3.15 -7.08	60.40 2.90 -1.77	60.58 2.60 -2.57	62.12 2.97 -3.02	62.30 3.02 0.00	64.68 3.37 0.01	64.68 3.60 0.01	60.64 3.91 0.00	60.80 4.66 -0.01	63.53 4.71 0.00	67.45 4.65 0.00	69.83 4.87 0.01	73.14 5.07 1.47	80.66 5.32 1.85	91.35 6.82 1.88	84.28 5.66 2.28	68.89 3.77 11.91	67.82 3.47 9.45	66.19 3.27 0.01	61.03 3.56 0.00	57.95 3.64 -0.01
AST_ENERGY_2_CC3 323677	51.94 4.30 13.81	43.82 3.29 10.17	43.14 3.23 8.27	43.14 3.15 9.18	43.14 3.12 15.72	43.14 2.88 15.15	43.14 3.25 16.24	43.14 3.32 19.45	43.14 3.80 21.98	44.46 4.03 20.66	43.39 3.91 17.25	43.14 4.43 17.43	45.58 4.59 17.83	49.21 5.03 18.62	51.66 5.39 18.69	56.09 5.56 19.01	64.16 5.94 18.98	74.90 7.51 19.02	68.44 6.23 18.69	62.87 4.31 18.47	59.40 3.98 18.39	49.85 3.65 16.73	45.59 3.62 15.50	43.14 3.37 14.53
AST_ENERGY_2_CC4 323678	51.94 4.30 13.81	43.82 3.29 10.17	43.14 3.23 8.27	43.14 3.15 9.18	43.14 3.12 15.72	43.14 2.88 15.15	43.14 3.25 16.24	43.14 3.32 19.45	43.14 3.80 21.98	44.46 4.03 20.66	43.39 3.91 17.25	43.14 4.43 17.43	45.58 4.59 17.83	49.21 5.03 18.62	51.66 5.39 18.69	56.09 5.56 19.01	64.16 5.94 18.98	74.90 7.51 19.02	68.44 6.23 18.69	62.87 4.31 18.47	59.40 3.98 18.39	49.85 3.65 16.73	45.59 3.62 15.50	43.14 3.37 14.53

ATHENS_STG_1 23668	71.18 2.52 -7.21	63.50 2.03 -10.78	59.65 1.98 -9.49	58.30 2.06 -7.07	59.84 2.34 -1.76	60.19 2.22 -2.56	61.39 2.25 -3.02	61.23 1.95 0.00	63.40 2.09 0.00	63.16 2.08 0.00	58.49 1.76 0.00	57.82 1.68 0.00	60.46 1.64 0.00	64.69 1.88 0.00	66.97 2.02 0.00	71.76 2.22 0.00	79.50 2.31 0.00	89.51 3.11 0.00	83.56 2.67 0.00	78.72 1.69 0.00	75.50 1.70 0.00	64.44 1.51 0.00	58.85 1.38 0.00	55.56 1.25 0.00
ATHENS_STG_2 23670	71.18 2.52 -7.21	63.50 2.03 -10.78	59.65 1.98 -9.49	58.30 2.06 -7.07	59.84 2.34 -1.76	60.19 2.22 -2.56	61.39 2.25 -3.02	61.23 1.95 0.00	63.40 2.09 0.00	63.16 2.08 0.00	58.49 1.76 0.00	57.82 1.68 0.00	60.46 1.64 0.00	64.69 1.88 0.00	66.97 2.02 0.00	71.76 2.22 0.00	79.50 2.31 0.00	89.51 3.11 0.00	83.56 2.67 0.00	78.72 1.69 0.00	75.50 1.70 0.00	64.44 1.51 0.00	58.85 1.38 0.00	55.56 1.25 0.00
ATHENS_STG_3 23677	71.18 2.52 -7.21	63.50 2.03 -10.78	59.65 1.98 -9.49	58.30 2.06 -7.07	59.84 2.34 -1.76	60.19 2.22 -2.56	61.39 2.25 -3.02	61.23 1.95 0.00	63.40 2.09 0.00	63.16 2.08 0.00	58.49 1.76 0.00	57.82 1.68 0.00	60.46 1.64 0.00	64.69 1.88 0.00	66.97 2.02 0.00	71.76 2.22 0.00	79.50 2.31 0.00	89.51 3.11 0.00	83.56 2.67 0.00	78.72 1.69 0.00	75.50 1.70 0.00	64.44 1.51 0.00	58.85 1.38 0.00	55.56 1.25 0.00
AUBURN___LFGE 323710	62.28 -0.12 -0.95	52.02 -0.10 -1.43	49.29 -0.14 -1.26	49.76 -0.34 -0.93	55.30 -0.67 -0.23	55.08 -0.66 -0.34	56.02 -0.51 -0.40	58.44 -0.83 0.00	60.46 -0.86 0.00	60.35 -0.73 0.00	56.28 -0.45 0.00	55.80 -0.34 0.00	58.53 -0.29 0.00	62.43 -0.38 0.00	64.50 -0.45 0.00	69.05 -0.49 0.00	77.27 0.08 0.00	86.75 0.35 0.00	81.55 0.65 0.00	77.57 0.54 0.00	74.24 0.44 0.00	62.80 -0.13 0.00	57.41 -0.06 0.00	54.03 -0.27 0.00
BABYLON_RES_REC 323704	103.46 6.20 -35.81	79.58 4.97 -23.91	68.37 4.67 -15.51	60.83 4.57 -7.09	62.19 4.68 -1.78	62.58 4.60 -2.58	64.03 4.88 -3.03	64.26 4.98 -0.01	66.85 5.52 -0.01	66.77 5.68 -0.01	61.90 5.16 -0.01	64.17 5.50 -2.53	75.78 5.77 -11.19	77.41 6.34 -8.27	78.70 6.76 -6.99	80.56 7.16 -3.86	86.79 7.34 -2.26	114.28 9.15 -18.73	109.59 8.17 -20.53	95.46 6.16 -12.27	80.09 6.27 -0.02	77.90 5.47 -9.50	62.82 5.35 -0.01	58.81 4.50 0.00
BALL_HILL_WT_PWR 323825	60.05 -2.70 -1.30	50.51 -2.13 -1.94	47.77 -2.12 -1.71	47.94 -2.51 -1.27	52.15 -3.90 -0.32	52.16 -3.71 -0.46	52.91 -3.76 -0.54	54.06 -5.22 0.00	55.98 -5.34 0.00	56.57 -4.52 0.00	54.29 -2.44 0.00	53.95 -2.19 0.00	57.23 -1.59 0.00	60.79 -2.01 0.00	62.75 -2.21 0.00	67.24 -2.29 0.00	76.34 -0.85 0.00	85.19 -1.21 0.00	80.34 -0.56 0.00	76.72 -0.31 0.00	72.47 -1.33 0.00	60.79 -2.14 0.00	55.63 -1.84 0.00	53.11 -1.19 0.00
BARON_WINDS___WT_PWR 323822	61.21 -1.97 -1.73	51.71 -1.57 -2.58	48.96 -1.49 -2.27	49.14 -1.72 -1.69	53.54 -2.62 -0.42	53.64 -2.38 -0.61	54.43 -2.41 -0.72	55.83 -3.44 0.00	57.70 -3.62 0.00	57.85 -3.24 0.00	54.80 -1.93 0.00	54.23 -1.91 0.00	57.23 -1.59 0.00	61.04 -1.76 0.00	63.07 -1.89 0.00	67.59 -1.95 0.00	76.27 -0.92 0.00	85.46 -0.95 0.00	80.74 -0.16 0.00	77.34 0.31 0.00	73.58 -0.22 0.00	61.86 -1.07 0.00	56.49 -0.98 0.00	53.71 -0.60 0.00
BARRETT_IC_1 23704	102.55 5.29 -35.81	78.83 4.21 -23.92	67.75 4.05 -15.52	60.35 4.08 -7.10	61.81 4.29 -1.78	62.09 4.10 -2.58	63.31 4.15 -3.03	63.43 4.15 -0.01	65.80 4.47 -0.01	65.73 4.64 -0.01	61.17 4.43 -0.01	63.38 4.72 -2.53	74.89 4.88 -11.19	76.42 5.34 -8.28	77.60 5.65 -7.00	79.31 5.91 -3.87	83.54 6.33 -0.02	148.22 7.61 -54.21	116.27 6.55 -28.82	147.96 4.78 -66.15	78.62 4.79 -0.02	76.77 4.34 -9.50	61.79 4.31 -0.01	58.11 3.80 0.00
BARRETT_IC_10 23701	102.55 5.29 -35.81	78.83 4.21 -23.92	67.75 4.05 -15.52	60.35 4.08 -7.10	61.81 4.29 -1.78	62.09 4.10 -2.58	63.31 4.15 -3.03	63.43 4.15 -0.01	65.80 4.47 -0.01	65.73 4.64 -0.01	61.17 4.43 -0.01	63.38 4.72 -2.53	74.89 4.88 -11.19	76.42 5.34 -8.28	77.60 5.65 -7.00	79.31 5.91 -3.87	83.53 6.33 -0.01	55.94 7.61 38.07	55.94 6.55 31.51	55.94 4.78 25.87	78.62 4.79 -0.02	76.77 4.34 -9.50	61.79 4.31 -0.01	58.11 3.80 0.00
BARRETT_IC_11 23702	102.55 5.29 -35.81	78.83 4.21 -23.92	67.75 4.05 -15.52	60.35 4.08 -7.10	61.81 4.29 -1.78	62.09 4.10 -2.58	63.31 4.15 -3.03	63.43 4.15 -0.01	65.80 4.47 -0.01	65.73 4.64 -0.01	61.17 4.43 -0.01	63.38 4.72 -2.53	74.89 4.88 -11.19	76.42 5.34 -8.28	77.60 5.65 -7.00	79.31 5.91 -3.87	83.53 6.33 -0.01	55.94 7.61 38.07	55.94 6.55 31.51	55.94 4.78 25.87	78.62 4.79 -0.02	76.77 4.34 -9.50	61.79 4.31 -0.01	58.11 3.80 0.00
BARRETT_IC_12 23703	102.55 5.29 -35.81	78.83 4.21 -23.92	67.75 4.05 -15.52	60.35 4.08 -7.10	61.81 4.29 -1.78	62.09 4.10 -2.58	63.31 4.15 -3.03	63.43 4.15 -0.01	65.80 4.47 -0.01	65.73 4.64 -0.01	61.17 4.43 -0.01	63.38 4.72 -2.53	74.89 4.88 -11.19	76.42 5.34 -8.28	77.60 5.65 -7.00	79.31 5.91 -3.87	83.53 6.33 -0.01	55.94 7.61 38.07	55.94 6.55 31.51	55.94 4.78 25.87	78.62 4.79 -0.02	76.77 4.34 -9.50	61.79 4.31 -0.01	58.11 3.80 0.00
BARRETT_IC_2 23705	102.55 5.29 -35.81	78.83 4.21 -23.92	67.75 4.05 -15.52	60.35 4.08 -7.10	61.81 4.29 -1.78	62.09 4.10 -2.58	63.31 4.15 -3.03	63.43 4.15 -0.01	65.80 4.47 -0.01	65.73 4.64 -0.01	61.17 4.43 -0.01	63.38 4.72 -2.53	74.89 4.88 -11.19	76.42 5.34 -8.28	77.60 5.65 -7.00	79.31 5.91 -3.87	83.54 6.33 -0.02	148.22 7.61 -54.21	116.27 6.55 -28.82	147.96 4.78 -66.15	78.62 4.79 -0.02	76.77 4.34 -9.50	61.79 4.31 -0.01	58.11 3.80 0.00
BARRETT_IC_3 23706	102.55 5.29 -35.81	78.83 4.21 -23.92	67.75 4.05 -15.52	60.35 4.08 -7.10	61.81 4.29 -1.78	62.09 4.10 -2.58	63.31 4.15 -3.03	63.43 4.15 -0.01	65.80 4.47 -0.01	65.73 4.64 -0.01	61.17 4.43 -0.01	63.38 4.72 -2.53	74.89 4.88 -11.19	76.42 5.34 -8.28	77.60 5.65 -7.00	79.31 5.91 -3.87	83.54 6.33 -0.02	148.22 7.61 -54.21	116.27 6.55 -28.82	147.96 4.78 -66.15	78.62 4.79 -0.02	76.77 4.34 -9.50	61.79 4.31 -0.01	58.11 3.80 0.00
BARRETT_IC_4 23707	102.55 5.29 -35.81	78.83 4.21 -23.92	67.75 4.05 -15.52	60.35 4.08 -7.10	61.81 4.29 -1.78	62.09 4.10 -2.58	63.31 4.15 -3.03	63.43 4.15 -0.01	65.80 4.47 -0.01	65.73 4.64 -0.01	61.17 4.43 -0.01	63.38 4.72 -2.53	74.89 4.88 -11.19	76.42 5.34 -8.28	77.60 5.65 -7.00	79.31 5.91 -3.87	83.54 6.33 -0.02	148.22 7.61 -54.21	116.27 6.55 -28.82	147.96 4.78 -66.15	78.62 4.79 -0.02	76.77 4.34 -9.50	61.79 4.31 -0.01	58.11 3.80 0.00
BARRETT_IC_5 23708	102.55 5.29 -35.81	78.83 4.21 -23.92	67.75 4.05 -15.52	60.35 4.08 -7.10	61.81 4.29 -1.78	62.09 4.10 -2.58	63.31 4.15 -3.03	63.43 4.15 -0.01	65.80 4.47 -0.01	65.73 4.64 -0.01	61.17 4.43 -0.01	63.38 4.72 -2.53	74.89 4.88 -11.19	76.42 5.34 -8.28	77.60 5.65 -7.00	79.31 5.91 -3.87	83.54 6.33 -0.02	148.22 7.61 -54.21	116.27 6.55 -28.82	147.96 4.78 -66.15	78.62 4.79 -0.02	76.77 4.34 -9.50	61.79 4.31 -0.01	58.11 3.80 0.00

BARRETT_IC_6 23709	102.55 5.29 -35.81	78.83 4.21 -23.92	67.75 4.05 -15.52	60.35 4.08 -7.10	61.81 4.29 -1.78	62.09 4.10 -2.58	63.31 4.15 -3.03	63.43 4.15 -0.01	65.80 4.47 -0.01	65.73 4.64 -0.01	61.17 4.43 -0.01	63.38 4.72 -2.53	74.89 4.88 -11.19	76.42 5.34 -8.28	77.60 5.65 -7.00	79.31 5.91 -3.87	83.54 6.33 -0.02	148.22 7.61 -54.21	116.27 6.55 -28.82	147.96 4.78 -66.15	78.62 4.79 -0.02	76.77 4.34 -9.50	61.79 4.31 -0.01	58.11 3.80 0.00
BARRETT_IC_7 23710	102.48 5.22 -35.81	78.82 4.21 -23.91	67.74 4.05 -15.51	60.33 4.08 -7.08	61.80 4.29 -1.77	62.08 4.10 -2.57	63.30 4.15 -3.02	63.42 4.15 0.00	65.79 4.48 0.00	65.73 4.64 0.00	61.27 4.54 0.00	63.38 4.72 -2.53	74.89 4.88 -11.19	76.48 5.40 -8.27	77.60 5.65 -6.99	79.31 5.91 -3.87	83.45 6.25 -0.01	148.22 7.60 -54.21	116.35 6.63 -28.82	147.88 4.70 -66.15	78.62 4.80 -0.02	76.89 4.47 -9.50	61.89 4.43 0.00	58.16 3.86 0.00
BARRETT_IC_8 23711	102.55 5.29 -35.81	78.83 4.21 -23.92	67.75 4.05 -15.52	60.35 4.08 -7.10	61.81 4.29 -1.78	62.09 4.10 -2.58	63.31 4.15 -3.03	63.43 4.15 -0.01	65.80 4.47 -0.01	65.73 4.64 -0.01	61.17 4.43 -0.01	63.38 4.72 -2.53	74.89 4.88 -11.19	76.42 5.34 -8.28	77.60 5.65 -7.00	79.31 5.91 -3.87	83.54 6.33 -0.02	148.22 7.61 -54.21	116.27 6.55 -28.82	147.96 4.78 -66.15	78.62 4.79 -0.02	76.77 4.34 -9.50	61.79 4.31 -0.01	58.11 3.80 0.00
BARRETT_IC_9 23700	102.55 5.29 -35.81	78.83 4.21 -23.92	67.75 4.05 -15.52	60.35 4.08 -7.10	61.81 4.29 -1.78	62.09 4.10 -2.58	63.31 4.15 -3.03	63.43 4.15 -0.01	65.80 4.47 -0.01	65.73 4.64 -0.01	61.17 4.43 -0.01	63.38 4.72 -2.53	74.89 4.88 -11.19	76.42 5.34 -8.28	77.60 5.65 -7.00	79.31 5.91 -3.87	83.53 6.33 -0.01	148.22 7.61 38.07	116.27 6.55 31.51	147.96 4.78 25.87	78.62 4.79 -0.02	76.77 4.34 -9.50	61.79 4.31 -0.01	58.11 3.80 0.00
BARRETT___1 23545	102.55 5.29 -35.81	78.83 4.21 -23.92	67.75 4.05 -15.52	60.35 4.08 -7.10	61.81 4.29 -1.78	62.09 4.10 -2.58	63.31 4.15 -3.03	63.43 4.15 -0.01	65.80 4.47 -0.01	65.73 4.64 -0.01	61.17 4.43 -0.01	63.38 4.72 -2.53	74.89 4.88 -11.19	76.42 5.34 -8.28	77.60 5.65 -7.00	79.31 5.91 -3.87	83.54 6.33 -0.02	148.22 7.61 -54.21	116.27 6.55 -28.82	147.96 4.78 -66.15	78.62 4.79 -0.02	76.77 4.34 -9.50	61.79 4.31 -0.01	58.11 3.80 0.00
BARRETT___2 23546	102.55 5.29 -35.81	78.83 4.21 -23.92	67.75 4.05 -15.52	60.35 4.08 -7.10	61.81 4.29 -1.78	62.09 4.10 -2.58	63.31 4.15 -3.03	63.43 4.15 -0.01	65.80 4.47 -0.01	65.73 4.64 -0.01	61.17 4.43 -0.01	63.38 4.72 -2.53	74.89 4.88 -11.19	76.42 5.34 -8.28	77.60 5.65 -7.00	79.31 5.91 -3.87	83.53 6.33 -0.01	148.22 7.61 38.07	116.27 6.55 31.51	147.96 4.78 25.87	78.62 4.79 -0.02	76.77 4.34 -9.50	61.79 4.31 -0.01	58.11 3.80 0.00
BATAVIA___115KV_TB1 55881	60.62 -1.90 -1.07	50.78 -1.52 -1.60	48.00 -1.59 -1.41	48.21 -2.02 -1.05	52.65 -3.34 -0.26	52.63 -3.16 -0.38	53.32 -3.26 -0.45	54.71 -4.56 0.00	56.60 -4.72 0.00	57.11 -3.97 0.00	53.89 -2.84 0.00	54.06 -2.08 0.00	57.23 -1.59 0.00	60.48 -2.32 0.00	62.56 -2.40 0.00	66.89 -2.64 0.00	75.72 -1.47 0.00	85.11 -1.30 0.00	80.01 -0.89 0.00	76.41 -0.62 0.00	72.77 -1.03 0.00	60.54 -2.39 0.00	55.75 -1.72 0.00	52.73 -1.57 0.00
BAYONEEC___CTG1 323682	72.90 4.24 -7.22	64.78 3.29 -10.79	60.92 3.23 -9.51	59.40 3.15 -7.08	60.62 3.12 -1.77	60.91 2.93 -2.57	62.46 3.31 -3.02	62.65 3.38 0.00	65.12 3.80 0.00	65.18 4.09 0.00	60.70 3.97 0.00	60.57 4.43 0.00	63.47 4.65 0.00	67.89 5.08 0.00	70.42 5.46 0.00	75.16 5.63 0.00	83.13 5.94 0.00	94.01 7.61 0.00	87.21 6.31 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.64 3.71 0.00	61.09 3.62 0.00	57.67 3.37 0.00
BAYONEEC___CTG10 323750	72.90 4.24 -7.22	64.78 3.29 -10.79	60.92 3.23 -9.51	59.40 3.15 -7.08	60.62 3.12 -1.77	60.91 2.93 -2.57	62.46 3.31 -3.02	62.65 3.38 0.00	65.12 3.80 0.00	65.18 4.09 0.00	60.70 3.97 0.00	60.57 4.43 0.00	63.47 4.65 0.00	67.89 5.08 0.00	70.42 5.46 0.00	75.16 5.63 0.00	83.13 5.94 0.00	94.01 7.61 0.00	87.21 6.31 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.64 3.71 0.00	61.09 3.62 0.00	57.67 3.37 0.00
BAYONEEC___CTG2 323683	72.90 4.24 -7.22	64.78 3.29 -10.79	60.92 3.23 -9.51	59.40 3.15 -7.08	60.62 3.12 -1.77	60.91 2.93 -2.57	62.46 3.31 -3.02	62.65 3.38 0.00	65.12 3.80 0.00	65.18 4.09 0.00	60.70 3.97 0.00	60.57 4.43 0.00	63.47 4.65 0.00	67.89 5.08 0.00	70.42 5.46 0.00	75.16 5.63 0.00	83.13 5.94 0.00	94.01 7.61 0.00	87.21 6.31 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.64 3.71 0.00	61.09 3.62 0.00	57.67 3.37 0.00
BAYONEEC___CTG3 323684	72.90 4.24 -7.22	64.78 3.29 -10.79	60.92 3.23 -9.51	59.40 3.15 -7.08	60.62 3.12 -1.77	60.91 2.93 -2.57	62.46 3.31 -3.02	62.65 3.38 0.00	65.12 3.80 0.00	65.18 4.09 0.00	60.70 3.97 0.00	60.57 4.43 0.00	63.47 4.65 0.00	67.89 5.08 0.00	70.42 5.46 0.00	75.16 5.63 0.00	83.13 5.94 0.00	94.01 7.61 0.00	87.21 6.31 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.64 3.71 0.00	61.09 3.62 0.00	57.67 3.37 0.00
BAYONEEC___CTG4 323685	72.90 4.24 -7.22	64.78 3.29 -10.79	60.92 3.23 -9.51	59.40 3.15 -7.08	60.62 3.12 -1.77	60.91 2.93 -2.57	62.46 3.31 -3.02	62.65 3.38 0.00	65.12 3.80 0.00	65.18 4.09 0.00	60.70 3.97 0.00	60.57 4.43 0.00	63.47 4.65 0.00	67.89 5.08 0.00	70.42 5.46 0.00	75.16 5.63 0.00	83.13 5.94 0.00	94.01 7.61 0.00	87.21 6.31 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.64 3.71 0.00	61.09 3.62 0.00	57.67 3.37 0.00
BAYONEEC___CTG5 323686	72.90 4.24 -7.22	64.78 3.29 -10.79	60.92 3.23 -9.51	59.40 3.15 -7.08	60.62 3.12 -1.77	60.91 2.93 -2.57	62.46 3.31 -3.02	62.65 3.38 0.00	65.12 3.80 0.00	65.18 4.09 0.00	60.70 3.97 0.00	60.57 4.43 0.00	63.47 4.65 0.00	67.89 5.08 0.00	70.42 5.46 0.00	75.16 5.63 0.00	83.13 5.94 0.00	94.01 7.61 0.00	87.21 6.31 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.64 3.71 0.00	61.09 3.62 0.00	57.67 3.37 0.00
BAYONEEC___CTG6 323687	72.90 4.24 -7.22	64.78 3.29 -10.79	60.92 3.23 -9.51	59.40 3.15 -7.08	60.62 3.12 -1.77	60.91 2.93 -2.57	62.46 3.31 -3.02	62.65 3.38 0.00	65.12 3.80 0.00	65.18 4.09 0.00	60.70 3.97 0.00	60.57 4.43 0.00	63.47 4.65 0.00	67.89 5.08 0.00	70.42 5.46 0.00	75.16 5.63 0.00	83.13 5.94 0.00	94.01 7.61 0.00	87.21 6.31 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.64 3.71 0.00	61.09 3.62 0.00	57.67 3.37 0.00
BAYONEEC___CTG7 323688	72.90 4.24 -7.22	64.78 3.29 -10.79	60.92 3.23 -9.51	59.40 3.15 -7.08	60.62 3.12 -1.77	60.91 2.93 -2.57	62.46 3.31 -3.02	62.65 3.38 0.00	65.12 3.80 0.00	65.18 4.09 0.00	60.70 3.97 0.00	60.57 4.43 0.00	63.47 4.65 0.00	67.89 5.08 0.00	70.42 5.46 0.00	75.16 5.63 0.00	83.13 5.94 0.00	94.01 7.61 0.00	87.21 6.31 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.64 3.71 0.00	61.09 3.62 0.00	57.67 3.37 0.00

BAYONEEC___CTG8 323689	72.90 4.24 -7.22	64.78 3.29 -10.79	60.92 3.23 -9.51	59.40 3.15 -7.08	60.62 3.12 -1.77	60.91 2.93 -2.57	62.46 3.31 -3.02	62.65 3.38 0.00	65.12 3.80 0.00	65.18 4.09 0.00	60.70 3.97 0.00	60.57 4.43 0.00	63.47 4.65 0.00	67.89 5.08 0.00	70.42 5.46 0.00	75.16 5.63 0.00	83.13 5.94 0.00	94.01 7.61 0.00	87.21 6.31 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.64 3.71 0.00	61.09 3.62 0.00	57.67 3.37 0.00
BAYONEEC___CTG9 323749	72.90 4.24 -7.22	64.78 3.29 -10.79	60.92 3.23 -9.51	59.40 3.15 -7.08	60.62 3.12 -1.77	60.91 2.93 -2.57	62.46 3.31 -3.02	62.65 3.38 0.00	65.12 3.80 0.00	65.18 4.09 0.00	60.70 3.97 0.00	60.57 4.43 0.00	63.47 4.65 0.00	67.89 5.08 0.00	70.42 5.46 0.00	75.16 5.63 0.00	83.13 5.94 0.00	94.01 7.61 0.00	87.21 6.31 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.64 3.71 0.00	61.09 3.62 0.00	57.67 3.37 0.00
BEACON___LESR 323632	83.17 2.95 -18.77	81.30 2.53 -28.07	75.32 2.41 -24.73	70.04 2.46 -18.41	63.06 2.73 -4.60	64.80 2.71 -6.67	66.74 2.75 -7.87	61.82 2.55 0.00	63.71 2.39 0.00	63.28 2.20 0.00	58.32 1.59 0.00	57.65 1.52 0.00	60.35 1.53 0.00	64.25 1.45 0.00	66.52 1.56 0.00	71.41 1.88 0.00	79.04 1.85 0.00	88.74 2.33 0.00	83.00 2.10 0.00	78.49 1.46 0.00	75.42 1.62 0.00	64.50 1.57 0.00	58.85 1.38 0.00	55.88 1.58 0.00
BEAVER RIVER___HYD 24048	62.49 1.04 0.00	51.51 0.81 0.00	48.81 0.62 0.00	49.71 0.54 0.00	56.46 0.72 0.00	56.41 1.00 0.00	57.30 1.18 0.00	60.52 1.25 0.00	62.67 1.35 0.00	62.24 1.16 0.00	57.75 1.02 0.00	56.98 0.84 0.00	59.41 0.59 0.00	63.05 0.25 0.00	64.89 -0.06 0.00	69.26 -0.28 0.00	77.50 0.31 0.00	87.18 0.78 0.00	82.03 1.13 0.00	79.11 2.08 0.00	76.16 2.36 0.00	65.19 2.26 0.00	59.31 1.84 0.00	56.04 1.74 0.00
BEEBEE_GT_13 23619	59.98 -1.47 0.00	49.53 -1.17 0.00	46.98 -1.20 0.00	47.60 -1.57 0.00	53.23 -2.51 0.00	53.03 -2.38 0.00	53.71 -2.41 0.00	56.01 -3.26 0.00	58.01 -3.31 0.00	58.34 -2.75 0.00	54.80 -1.93 0.00	54.73 -1.40 0.00	57.76 -1.06 0.00	61.23 -1.57 0.00	63.27 -1.69 0.00	67.73 -1.81 0.00	76.26 -0.93 0.00	85.54 -0.86 0.00	80.25 -0.65 0.00	76.49 -0.54 0.00	72.99 -0.81 0.00	61.17 -1.76 0.00	56.09 -1.38 0.00	53.06 -1.25 0.00
BENSHRST_27_KV_BENSHRST_1 355998	73.35 4.67 -7.22	65.10 3.60 -10.80	61.30 3.61 -9.51	59.84 3.59 -7.08	60.90 3.40 -1.77	60.97 2.99 -2.57	62.51 3.37 -3.02	62.65 3.38 0.00	65.12 3.80 0.00	65.18 4.09 0.00	61.61 4.88 0.00	61.53 5.39 0.00	64.36 5.53 -0.01	68.40 5.59 -0.01	70.82 5.85 -0.01	75.66 6.12 -0.01	83.68 6.48 -0.01	94.62 8.21 -0.01	87.94 7.04 -0.01	81.95 4.93 0.01	78.37 4.58 0.01	67.28 4.34 -0.01	61.96 4.48 -0.01	58.81 4.51 0.00
BETHLEHEM___GRP 23843	82.00 2.03 -18.52	80.21 1.83 -27.69	74.36 1.78 -24.40	69.20 1.87 -18.16	62.33 2.06 -4.53	64.04 2.05 -6.58	65.90 2.02 -7.76	61.05 1.78 0.00	62.85 1.53 0.00	62.49 1.40 0.00	57.64 0.91 0.00	56.87 0.73 0.00	59.58 0.76 0.00	63.43 0.63 0.00	65.67 0.71 0.00	70.37 0.83 0.00	77.73 0.54 0.00	87.18 0.78 0.00	81.55 0.65 0.00	77.18 0.15 0.00	74.24 0.44 0.00	63.68 0.76 0.00	58.04 0.57 0.00	55.23 0.92 0.00
BETHLEHEM___GS1 323560	81.99 2.02 -18.52	80.21 1.82 -27.69	74.36 1.78 -24.40	69.20 1.87 -18.16	62.33 2.06 -4.53	64.05 2.05 -6.58	65.90 2.02 -7.76	61.05 1.78 0.00	62.85 1.53 0.00	62.49 1.41 0.00	57.58 0.85 0.00	56.86 0.73 0.00	59.58 0.76 0.00	63.43 0.63 0.00	65.61 0.65 0.00	70.37 0.84 0.00	77.80 0.61 0.00	87.18 0.78 0.00	81.62 0.73 0.00	77.18 0.15 0.00	74.25 0.45 0.00	63.56 0.63 0.00	57.99 0.52 0.00	55.17 0.87 0.00
BETHLEHEM___GS2 323561	81.99 2.02 -18.52	80.21 1.82 -27.69	74.36 1.78 -24.40	69.20 1.87 -18.16	62.33 2.06 -4.53	64.05 2.05 -6.58	65.90 2.02 -7.76	61.05 1.78 0.00	62.85 1.53 0.00	62.49 1.41 0.00	57.58 0.85 0.00	56.86 0.73 0.00	59.58 0.76 0.00	63.43 0.63 0.00	65.61 0.65 0.00	70.37 0.84 0.00	77.80 0.61 0.00	87.18 0.78 0.00	81.62 0.73 0.00	77.18 0.15 0.00	74.25 0.45 0.00	63.56 0.63 0.00	57.99 0.52 0.00	55.17 0.87 0.00
BETHLEHEM___GS3 323562	81.99 2.02 -18.52	80.21 1.82 -27.69	74.36 1.78 -24.40	69.20 1.87 -18.16	62.33 2.06 -4.53	64.05 2.05 -6.58	65.90 2.02 -7.76	61.05 1.78 0.00	62.85 1.53 0.00	62.49 1.41 0.00	57.58 0.85 0.00	56.86 0.73 0.00	59.58 0.76 0.00	63.43 0.63 0.00	65.61 0.65 0.00	70.37 0.84 0.00	77.80 0.61 0.00	87.18 0.78 0.00	81.62 0.73 0.00	77.18 0.15 0.00	74.25 0.45 0.00	63.56 0.63 0.00	57.99 0.52 0.00	55.17 0.87 0.00
BETHLEHEM___STEEL 23779	59.83 -2.89 -1.27	50.27 -2.33 -1.90	47.54 -2.31 -1.67	47.71 -2.70 -1.25	51.92 -4.12 -0.31	51.87 -3.99 -0.45	52.56 -4.10 -0.53	53.76 -5.51 0.00	55.68 -5.64 0.00	56.32 -4.76 0.00	53.44 -3.29 0.00	53.67 -2.47 0.00	56.94 -1.88 0.00	60.29 -2.51 0.00	62.36 -2.60 0.00	66.75 -2.78 0.00	75.57 -1.62 0.00	84.59 -1.81 0.00	79.68 -1.21 0.00	75.64 -1.39 0.00	71.96 -1.85 0.00	59.66 -3.27 0.00	55.00 -2.47 0.00	52.13 -2.17 0.00
BETHLHEM_115KV_TB1 79974	81.41 2.03 -17.93	79.39 1.88 -26.81	73.59 1.78 -23.62	68.63 1.87 -17.59	62.19 2.06 -4.39	63.84 2.05 -6.38	65.66 2.02 -7.51	61.05 1.78 0.00	62.85 1.53 0.00	62.55 1.47 0.00	57.75 1.02 0.00	56.98 0.84 0.00	59.70 0.88 0.00	63.56 0.75 0.00	65.74 0.78 0.00	70.51 0.97 0.00	77.96 0.77 0.00	87.44 1.04 0.00	81.79 0.89 0.00	77.34 0.31 0.00	74.39 0.59 0.00	63.75 0.82 0.00	58.10 0.63 0.00	55.28 0.98 0.00
BETHPAGE_CC_5 323564	102.72 5.47 -35.81	78.97 4.36 -23.91	67.84 4.14 -15.51	60.34 4.08 -7.09	61.70 4.18 -1.78	62.03 4.04 -2.58	63.53 4.38 -3.03	63.73 4.45 -0.01	66.23 4.91 -0.01	66.22 5.13 -0.01	61.44 4.71 -0.01	63.66 4.99 -2.53	75.24 5.23 -11.19	76.79 5.71 -8.27	78.05 6.10 -6.99	79.87 6.47 -3.87	85.11 6.71 -1.20	109.26 8.47 -14.38	101.92 7.36 -13.66	93.81 5.47 -11.31	79.14 5.32 -0.02	77.15 4.72 -9.50	62.19 4.71 -0.01	58.32 4.02 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	59.85 -2.89 -1.29	50.34 -2.28 -1.93	47.61 -2.26 -1.70	47.73 -2.70 -1.26	51.98 -4.07 -0.32	51.93 -3.93 -0.46	52.62 -4.04 -0.54	53.82 -5.45 0.00	55.80 -5.52 0.00	56.44 -4.64 0.00	53.61 -3.12 0.00	53.78 -2.36 0.00	57.11 -1.71 0.00	60.48 -2.32 0.00	62.56 -2.40 0.00	67.03 -2.50 0.00	75.88 -1.31 0.00	84.94 -1.47 0.00	79.93 -0.97 0.00	75.95 -1.08 0.00	72.10 -1.70 0.00	59.85 -3.08 0.00	55.11 -2.36 0.00	52.24 -2.06 0.00
BINGHAMTON___COGEN 23790	64.13 0.00 -2.68	54.70 0.00 -4.00	51.66 -0.05 -3.53	51.65 -0.15 -2.63	55.95 -0.45 -0.66	55.92 -0.44 -0.95	56.85 -0.39 -1.12	58.39 -0.89 0.00	60.40 -0.92 0.00	60.35 -0.73 0.00	56.45 -0.28 0.00	56.02 -0.11 0.00	58.88 0.06 0.00	62.87 0.06 0.00	65.09 0.13 0.00	69.67 0.14 0.00	77.88 0.69 0.00	87.44 1.04 0.00	82.11 1.21 0.00	77.88 0.85 0.00	74.47 0.66 0.00	62.93 0.00 0.00	57.47 0.00 0.00	54.25 -0.05 0.00

BIXINCNT_115KV_LOAD 355685	59.50 -3.32 -1.37	50.01 -2.74 -2.05	47.39 -2.60 -1.81	47.62 -2.90 -1.34	51.89 -4.18 -0.34	52.07 -3.82 -0.49	52.94 -3.76 -0.57	54.30 -4.98 0.00	56.29 -5.03 0.00	56.93 -4.15 0.00	54.18 -2.55 0.00	54.28 -1.85 0.00	57.58 -1.24 0.00	61.17 -1.63 0.00	63.27 -1.69 0.00	67.79 -1.74 0.00	76.80 -0.39 0.00	85.89 -0.52 0.00	80.82 -0.08 0.00	76.72 -0.31 0.00	72.84 -0.96 0.00	60.35 -2.58 0.00	55.46 -2.01 0.00	52.46 -1.85 0.00
BLACK RIVER___HYD 24047	63.48 2.02 0.00	52.27 1.57 0.00	49.53 1.35 0.00	50.35 1.18 0.00	57.02 1.28 0.00	56.91 1.50 0.00	57.75 1.63 0.00	60.88 1.60 0.00	62.85 1.53 0.00	62.49 1.41 0.00	57.98 1.25 0.00	57.15 1.01 0.00	59.53 0.71 0.00	63.18 0.38 0.00	64.89 -0.06 0.00	69.39 -0.14 0.00	77.96 0.77 0.00	87.87 1.47 0.00	82.76 1.86 0.00	80.19 3.16 0.00	77.20 3.40 0.00	65.95 3.02 0.00	59.83 2.36 0.00	56.53 2.23 0.00
BLACKRVR_115KV_TB2 79977	63.48 2.03 0.00	52.27 1.57 0.00	49.53 1.35 0.00	50.35 1.18 0.00	57.02 1.28 0.00	56.91 1.50 0.00	57.75 1.63 0.00	60.87 1.60 0.00	62.85 1.53 0.00	62.49 1.40 0.00	57.92 1.19 0.00	57.15 1.01 0.00	59.53 0.71 0.00	63.18 0.38 0.00	64.89 -0.06 0.00	69.39 -0.14 0.00	77.96 0.77 0.00	87.87 1.47 0.00	82.76 1.86 0.00	80.11 3.08 0.00	77.20 3.39 0.00	65.89 2.96 0.00	59.83 2.36 0.00	56.48 2.17 0.00
BLDWN_LI_69_KV_BK4 356085	103.22 5.96 -35.81	79.33 4.71 -23.91	68.13 4.43 -15.51	60.68 4.43 -7.08	62.07 4.57 -1.77	62.41 4.43 -2.57	63.80 4.66 -3.02	63.96 4.68 0.00	66.47 5.15 0.00	66.40 5.31 0.00	61.89 5.16 0.00	64.05 5.39 -2.53	75.48 5.47 -11.19	77.10 6.03 -8.27	78.38 6.43 -6.99	80.21 6.81 -3.87	84.53 7.33 0.00	116.64 8.99 -21.25	101.27 8.01 -12.37	107.15 5.93 -24.19	79.58 5.76 -0.02	77.77 5.35 -9.50	62.58 5.11 0.00	58.76 4.45 0.00
BLISS_WT_PWR 323608	59.26 -3.57 -1.37	49.86 -2.89 -2.05	47.24 -2.74 -1.81	47.52 -3.00 -1.34	51.78 -4.29 -0.34	51.96 -3.93 -0.49	52.88 -3.82 -0.57	54.30 -4.98 0.00	56.29 -5.03 0.00	56.93 -4.16 0.00	54.69 -2.04 0.00	54.28 -1.85 0.00	57.58 -1.24 0.00	61.29 -1.51 0.00	63.27 -1.69 0.00	67.86 -1.67 0.00	76.96 -0.23 0.00	85.80 -0.60 0.00	80.82 -0.08 0.00	77.11 0.08 0.00	72.77 -1.03 0.00	60.91 -2.02 0.00	55.69 -1.78 0.00	53.11 -1.19 0.00
BLUESTONE___WT_PWR 323821	68.55 3.19 -3.91	59.13 2.58 -5.84	55.69 2.36 -5.15	55.27 2.26 -3.83	58.93 2.23 -0.96	59.23 2.44 -1.39	60.40 2.64 -1.64	61.65 2.37 0.00	63.65 2.33 0.00	63.35 2.26 0.00	59.00 2.27 0.00	58.32 2.19 0.00	61.00 2.18 0.00	64.94 2.14 0.00	67.17 2.21 0.00	72.03 2.50 0.00	81.12 3.93 0.00	91.33 4.92 0.00	85.83 4.94 0.00	82.11 5.08 0.00	78.53 4.73 0.00	66.58 3.65 0.00	60.46 2.99 0.00	57.13 2.82 0.00
BLUE_CIRC_CHEM_DRP 24182	79.22 2.40 -15.37	75.77 2.08 -22.99	70.46 2.02 -20.26	66.36 2.11 -15.08	61.90 2.40 -3.76	63.20 2.33 -5.47	64.81 2.24 -6.44	61.23 1.96 0.00	63.10 1.78 0.00	62.67 1.59 0.00	57.87 1.13 0.00	57.09 0.95 0.00	59.76 0.94 0.00	63.43 0.63 0.00	60.47 -0.39 4.10	63.78 -0.35 5.41	69.17 -0.54 7.48	86.04 -0.35 0.02	80.56 -0.32 0.02	76.34 -0.69 0.00	73.43 -0.37 0.00	62.87 -0.06 0.00	57.28 -0.17 0.02	54.40 0.11 0.02
BOC_GAS_DRP 24189	78.08 1.97 -14.66	74.30 1.67 -21.92	69.09 1.59 -19.32	65.27 1.72 -14.38	61.22 1.90 -3.59	62.51 1.88 -5.21	64.12 1.85 -6.14	60.82 1.54 0.00	62.85 1.53 0.00	62.55 1.47 0.00	57.92 1.19 0.00	57.20 1.07 0.00	59.88 1.06 0.00	63.81 1.00 0.00	66.26 1.04 -0.26	71.06 1.18 -0.34	78.82 1.16 -0.48	87.96 1.56 0.00	82.27 1.38 0.00	77.72 0.69 0.00	74.61 0.81 0.00	63.81 0.88 0.00	58.22 0.75 0.00	55.18 0.87 0.00
BOONVILLE_115KV_TB1 79983	63.05 1.60 0.00	51.97 1.27 0.00	49.29 1.11 0.00	50.20 1.03 0.00	56.91 1.17 0.00	56.74 1.33 0.00	57.58 1.46 0.00	60.70 1.42 0.00	62.91 1.59 0.00	62.55 1.47 0.00	58.04 1.30 0.00	57.37 1.23 0.00	59.88 1.06 0.00	63.74 0.94 0.00	65.80 0.84 0.00	70.44 0.90 0.00	78.73 1.54 0.00	88.48 2.07 0.00	83.00 2.10 0.00	79.49 2.46 0.00	76.38 2.58 0.00	65.07 2.14 0.00	59.19 1.72 0.00	55.88 1.57 0.00
BORALEX_4TH_BRANCH 23824	88.09 3.87 -22.76	87.88 3.14 -34.04	81.26 3.08 -29.99	74.70 3.20 -22.33	64.77 3.46 -5.57	66.94 3.44 -8.10	69.31 3.65 -9.54	62.77 3.50 0.00	64.94 3.62 0.00	64.51 3.42 0.00	59.23 2.50 0.00	58.38 2.25 0.00	61.11 2.29 0.00	65.63 2.83 0.00	68.08 3.12 0.00	73.15 3.62 0.00	81.36 4.17 0.00	91.42 5.01 0.00	85.59 4.69 0.00	80.65 3.62 0.00	77.27 3.47 0.00	66.26 3.34 0.00	60.17 2.70 0.00	56.75 2.44 0.00
BOWLINE___1 23526	72.02 3.56 -7.01	63.92 2.74 -10.49	60.07 2.65 -9.24	58.65 2.60 -6.88	60.07 2.62 -1.72	60.40 2.50 -2.49	61.81 2.75 -2.94	61.94 2.67 0.00	64.32 3.00 0.00	64.26 3.17 0.00	59.79 3.06 0.00	59.50 3.37 0.00	62.35 3.53 0.00	66.83 4.02 0.00	69.31 4.35 0.00	74.12 4.59 0.00	82.13 4.94 0.00	92.71 6.30 0.00	86.24 5.34 0.00	80.80 3.77 0.00	77.34 3.54 0.00	65.95 3.02 0.00	60.29 2.82 0.00	56.81 2.50 0.00
BOWLINE___2 23595	71.90 3.44 -7.01	63.82 2.63 -10.49	59.97 2.55 -9.24	58.56 2.51 -6.88	60.02 2.57 -1.72	60.28 2.38 -2.49	61.70 2.64 -2.94	61.82 2.55 0.00	64.26 2.94 0.00	64.14 3.05 0.00	59.68 2.95 0.00	59.39 3.25 0.00	62.23 3.41 0.00	66.70 3.90 0.00	69.18 4.22 0.00	74.05 4.52 0.00	81.98 4.79 0.00	92.54 6.14 0.00	86.15 5.26 0.00	80.65 3.62 0.00	77.20 3.40 0.00	65.83 2.90 0.00	60.17 2.70 0.00	56.75 2.45 0.00
BRADY___115KV_TB2 356060	61.70 0.25 0.00	50.90 0.20 0.00	48.33 0.14 0.00	49.37 0.20 0.00	56.35 0.61 0.00	56.07 0.66 0.00	56.85 0.73 0.00	60.52 1.24 0.00	62.30 0.98 0.00	61.82 0.73 0.00	57.24 0.51 0.00	56.64 0.51 0.00	59.17 0.35 0.00	62.93 0.13 0.00	64.89 -0.06 0.00	69.12 -0.42 0.00	76.65 -0.54 0.00	85.54 -0.86 0.00	80.25 -0.65 0.00	77.65 0.62 0.00	74.69 0.89 0.00	64.06 1.13 0.00	58.62 1.15 0.00	55.45 1.14 0.00
BRANSCOMB___SOLAR 323811	93.93 3.81 -28.67	96.62 3.04 -42.88	88.85 2.89 -37.78	80.25 2.95 -28.12	65.99 3.23 -7.02	68.82 3.21 -10.20	71.39 3.25 -12.02	62.24 2.96 0.00	64.20 2.88 0.00	63.59 2.51 0.00	58.49 1.76 0.00	57.71 1.57 0.00	60.29 1.47 0.00	64.50 1.70 0.00	66.77 1.82 0.00	71.76 2.22 0.00	79.82 2.63 0.00	89.95 3.54 0.00	84.54 3.64 0.00	80.34 3.31 0.00	77.34 3.54 0.00	65.95 3.02 0.00	60.06 2.59 0.00	56.59 2.28 0.00
BRDGHMPT_69_KV_BK1 55812	104.75 7.50 -35.81	80.65 6.03 -23.91	69.24 5.54 -15.51	61.41 5.16 -7.08	62.74 5.24 -1.77	63.30 5.32 -2.57	64.53 5.39 -3.02	64.96 5.69 0.00	67.94 6.62 0.00	68.11 7.02 0.00	63.42 6.69 0.00	65.79 7.13 -2.53	77.60 7.59 -11.19	79.68 8.60 -8.27	81.17 9.22 -6.99	83.29 9.87 -3.88	90.89 10.42 -3.28	112.99 12.70 -13.88	120.32 12.22 -27.20	94.62 9.71 -7.88	83.20 9.37 -0.03	80.29 7.87 -9.50	64.60 7.13 0.00	60.28 5.97 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	104.14 6.88 -35.81	80.14 5.53 -23.91	68.90 5.20 -15.51	61.32 5.06 -7.08	62.74 5.24 -1.77	63.13 5.15 -2.57	64.59 5.44 -3.02	64.85 5.57 0.00	67.51 6.19 0.00	67.44 6.35 0.00	62.57 5.84 0.00	64.67 6.01 -2.53	76.30 6.29 -11.19	77.98 6.91 -8.27	79.22 7.28 -6.99	81.12 7.72 -3.87	101.90 7.80 -16.92	191.21 9.50 -95.30	215.22 8.90 -125.42	127.19 6.62 -43.54	80.76 6.94 -0.02	78.59 6.17 -9.50	63.39 5.92 0.00	59.25 4.94 0.00
BRISTLHL_115KV_TB1 79998	60.22 -1.23 0.00	49.74 -0.96 0.00	47.22 -0.96 0.00	48.04 -1.13 0.00	54.23 -1.50 0.00	53.91 -1.50 0.00	54.72 -1.40 0.00	57.56 -1.72 0.00	59.54 -1.78 0.00	59.44 -1.65 0.00	55.37 -1.36 0.00	54.84 -1.29 0.00	57.47 -1.35 0.00	61.36 -1.44 0.00	63.40 -1.56 0.00	67.86 -1.67 0.00	75.72 -1.47 0.00	84.94 -1.47 0.00	79.77 -1.13 0.00	75.80 -1.23 0.00	72.55 -1.25 0.00	61.61 -1.32 0.00	56.26 -1.21 0.00	53.17 -1.14 0.00
BROOKHAVEN___DRP 24191	103.40 6.15 -35.81	79.58 4.97 -23.91	68.32 4.63 -15.51	60.63 4.38 -7.08	61.91 4.40 -1.77	62.35 4.38 -2.57	63.75 4.60 -3.02	64.02 4.74 0.00	66.78 5.46 0.00	66.64 5.56 0.00	61.78 5.05 0.00	63.94 5.28 -2.53	75.60 5.59 -11.19	77.36 6.28 -8.27	78.64 6.69 -6.99	80.57 7.16 -3.88	87.55 7.18 -3.18	108.85 8.81 -13.63	115.69 8.33 -26.46	90.88 6.09 -7.77	80.25 6.42 -0.03	78.09 5.66 -9.50	62.76 5.29 0.00	58.60 4.29 0.00
BROOKLYN_NAVY_YARD 23515	73.03 4.36 -7.22	64.84 3.35 -10.79	60.97 3.28 -9.51	59.40 3.15 -7.08	60.68 3.18 -1.77	60.91 2.93 -2.57	62.46 3.31 -3.02	62.77 3.50 0.00	65.25 3.93 0.00	65.30 4.21 0.00	60.70 3.97 0.00	60.63 4.49 0.00	63.53 4.71 0.00	67.95 5.15 0.00	70.48 5.52 0.00	75.24 5.70 0.00	83.29 6.10 0.00	94.18 7.78 0.00	87.37 6.47 0.00	81.50 4.47 0.00	77.93 4.13 0.00	66.70 3.78 0.00	61.20 3.73 0.00	57.73 3.42 0.00
BROOKLYN___ARMY_DRP 323595	72.98 4.30 -7.22	64.79 3.30 -10.80	61.02 3.32 -9.51	59.54 3.29 -7.08	60.62 3.12 -1.77	60.69 2.72 -2.57	62.18 3.03 -3.02	62.36 3.08 0.00	64.81 3.50 0.00	64.81 3.73 0.00	61.27 4.54 0.00	61.19 5.05 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.36 5.39 -0.01	75.10 5.56 -0.01	83.06 5.87 -0.01	93.93 7.52 -0.01	87.30 6.39 0.01	81.34 4.31 0.01	77.85 4.06 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.49 4.18 0.00
BROOME_2_LFGE 323671	64.13 0.00 -2.68	54.70 0.00 -4.00	51.66 -0.05 -3.53	51.65 -0.15 -2.63	55.94 -0.45 -0.66	55.92 -0.45 -0.95	56.85 -0.39 -1.12	58.39 -0.89 0.00	60.40 -0.92 0.00	60.35 -0.73 0.00	56.56 -0.17 0.00	56.02 -0.11 0.00	58.88 0.06 0.00	62.93 0.13 0.00	65.09 0.13 0.00	69.67 0.14 0.00	77.96 0.77 0.00	87.44 1.04 0.00	82.11 1.22 0.00	78.03 1.00 0.00	74.46 0.66 0.00	63.05 0.13 0.00	57.53 0.06 0.00	54.41 0.11 0.00
BROOME___LFGE 323600	64.13 0.00 -2.68	54.70 0.00 -4.00	51.66 -0.05 -3.53	51.65 -0.15 -2.63	55.94 -0.45 -0.66	55.92 -0.45 -0.95	56.85 -0.39 -1.12	58.39 -0.89 0.00	60.40 -0.92 0.00	60.35 -0.73 0.00	56.56 -0.17 0.00	56.02 -0.11 0.00	58.88 0.06 0.00	62.93 0.13 0.00	65.09 0.13 0.00	69.67 0.14 0.00	77.96 0.77 0.00	87.44 1.04 0.00	82.11 1.22 0.00	78.03 1.00 0.00	74.46 0.66 0.00	63.05 0.13 0.00	57.53 0.06 0.00	54.41 0.11 0.00
BROWNFLS_115KV_TB_3_5 80003	61.76 0.31 0.00	50.90 0.20 0.00	48.28 0.10 0.00	49.22 0.05 0.00	56.13 0.39 0.00	55.96 0.55 0.00	56.85 0.73 0.00	60.34 1.07 0.00	62.36 1.04 0.00	61.94 0.86 0.00	57.41 0.68 0.00	56.75 0.62 0.00	59.11 0.29 0.00	62.68 -0.13 0.00	64.44 -0.52 0.00	68.56 -0.97 0.00	76.50 -0.69 0.00	85.71 -0.69 0.00	80.49 -0.40 0.00	77.72 0.69 0.00	74.91 1.11 0.00	64.25 1.32 0.00	58.73 1.26 0.00	55.50 1.19 0.00
BROWNSV1_27_KV_LOAD 356125	73.77 5.10 -7.22	65.44 3.95 -10.79	61.50 3.81 -9.51	59.99 3.74 -7.08	61.29 3.79 -1.77	61.52 3.55 -2.57	63.07 3.93 -3.02	63.36 4.09 0.00	65.92 4.60 0.00	65.91 4.83 0.00	61.61 4.88 0.00	61.36 5.22 0.00	64.29 5.47 0.00	68.77 5.97 0.00	71.32 6.37 0.00	76.14 6.61 0.00	84.29 7.10 0.00	95.22 8.81 0.00	88.50 7.60 0.00	82.42 5.39 0.00	78.89 5.09 0.00	67.71 4.78 0.00	61.95 4.48 0.00	58.49 4.18 0.00
BURROWS___LYONSDAL 23803	62.86 1.41 0.00	51.81 1.12 0.00	49.15 0.96 0.00	50.06 0.89 0.00	56.74 1.00 0.00	56.63 1.22 0.00	57.47 1.35 0.00	60.64 1.36 0.00	62.85 1.53 0.00	62.49 1.40 0.00	57.98 1.25 0.00	57.26 1.12 0.00	59.76 0.94 0.00	63.56 0.75 0.00	65.61 0.65 0.00	70.16 0.63 0.00	78.50 1.31 0.00	88.22 1.81 0.00	82.84 1.94 0.00	79.42 2.39 0.00	76.31 2.51 0.00	65.13 2.20 0.00	59.25 1.78 0.00	55.94 1.63 0.00
CAITHNESS_CC_1 323624	103.28 6.03 -35.81	79.53 4.92 -23.91	68.27 4.58 -15.51	60.63 4.37 -7.09	61.91 4.40 -1.78	62.36 4.38 -2.57	63.76 4.60 -3.03	64.03 4.74 -0.01	66.72 5.40 -0.01	66.65 5.56 -0.01	61.56 4.82 -0.01	63.89 5.22 -2.53	75.54 5.53 -11.19	77.16 6.09 -8.27	78.51 6.56 -6.99	80.36 6.95 -3.88	87.16 6.87 -3.10	108.43 8.64 -13.38	114.38 7.77 -25.72	90.53 5.85 -7.65	80.03 6.20 -0.03	77.77 5.35 -9.50	62.59 5.11 -0.01	58.49 4.18 0.00
CALPINE BETH_PAGE_GT4 24209	102.66 5.41 -35.81	78.87 4.26 -23.91	67.74 4.05 -15.51	60.23 3.98 -7.08	61.57 4.07 -1.77	61.91 3.93 -2.57	63.36 4.21 -3.02	63.54 4.27 0.00	66.10 4.78 0.00	66.03 4.95 0.00	61.50 4.77 0.00	63.60 4.94 -2.53	75.13 5.12 -11.19	76.73 5.65 -8.27	77.92 5.98 -6.99	79.73 6.33 -3.87	84.69 6.64 -0.86	109.51 8.29 -14.81	100.94 7.44 -12.60	95.27 5.32 -12.92	79.06 5.24 -0.02	77.21 4.78 -9.50	62.12 4.66 0.00	58.27 3.96 0.00
CALPINE_BETH_PAGE_GT_4 323586	102.67 5.41 -35.81	78.87 4.26 -23.91	67.74 4.05 -15.51	60.24 3.98 -7.09	61.58 4.07 -1.78	61.92 3.93 -2.58	63.37 4.21 -3.03	63.55 4.27 -0.01	66.11 4.79 -0.01	66.04 4.95 -0.01	61.33 4.59 -0.01	63.61 4.94 -2.53	75.12 5.11 -11.19	76.66 5.59 -8.27	77.92 5.97 -6.99	79.73 6.33 -3.87	84.70 6.64 -0.87	109.59 8.38 -14.81	100.78 7.28 -12.60	95.34 5.39 -12.92	79.06 5.24 -0.02	77.08 4.66 -9.50	62.02 4.54 -0.01	58.22 3.91 0.00
CALPINE_BP_GT1 23823	102.67 5.41 -35.81	78.87 4.26 -23.91	67.74 4.05 -15.51	60.24 3.98 -7.09	61.58 4.07 -1.78	61.92 3.93 -2.58	63.37 4.21 -3.03	63.55 4.27 -0.01	66.11 4.79 -0.01	66.04 4.95 -0.01	61.33 4.59 -0.01	63.61 4.94 -2.53	75.12 5.11 -11.19	76.66 5.59 -8.27	77.92 5.97 -6.99	79.73 6.33 -3.87	84.70 6.64 -0.87	109.59 8.38 -14.81	100.78 7.28 -12.60	95.34 5.39 -12.92	79.06 5.24 -0.02	77.08 4.66 -9.50	62.02 4.54 -0.01	58.22 3.91 0.00
CALSPAN___DRP 24200	59.83 -2.89 -1.27	50.27 -2.33 -1.90	47.54 -2.31 -1.67	47.71 -2.70 -1.25	51.92 -4.12 -0.31	51.87 -3.99 -0.45	52.56 -4.10 -0.53	53.76 -5.51 0.00	55.68 -5.64 0.00	56.32 -4.76 0.00	53.44 -3.29 0.00	53.67 -2.47 0.00	56.94 -1.88 0.00	60.29 -2.51 0.00	62.36 -2.60 0.00	66.75 -2.78 0.00	75.57 -1.62 0.00	84.59 -1.81 0.00	79.68 -1.21 0.00	75.64 -1.39 0.00	71.96 -1.85 0.00	59.66 -3.27 0.00	55.00 -2.47 0.00	52.13 -2.17 0.00

CALVERTON___SOLAR 323806	103.53 6.27 -35.81	79.68 5.07 -23.91	68.42 4.72 -15.51	60.73 4.47 -7.09	62.02 4.51 -1.78	62.47 4.49 -2.57	63.87 4.71 -3.03	64.14 4.86 -0.01	66.85 5.52 -0.01	66.77 5.68 -0.01	61.79 5.05 -0.01	64.11 5.44 -2.53	75.78 5.77 -11.19	77.54 6.47 -8.27	78.90 6.95 -6.99	80.85 7.44 -3.88	87.90 7.49 -3.22	109.53 9.42 -13.70	116.10 8.49 -26.71	91.45 6.63 -7.80	80.62 6.79 -0.03	78.21 5.79 -9.50	62.88 5.40 -0.01	58.76 4.45 0.00
CANDIGU_WT_PWR 323617	61.21 -1.97 -1.73	51.71 -1.57 -2.58	48.96 -1.49 -2.27	49.14 -1.72 -1.69	53.54 -2.62 -0.42	53.64 -2.38 -0.61	54.43 -2.41 -0.72	55.83 -3.44 0.00	57.70 -3.62 0.00	57.85 -3.24 0.00	54.80 -1.93 0.00	54.23 -1.91 0.00	57.23 -1.59 0.00	61.04 -1.76 0.00	63.07 -1.89 0.00	67.59 -1.95 0.00	76.27 -0.92 0.00	85.46 -0.95 0.00	80.74 -0.16 0.00	77.34 0.31 0.00	73.58 -0.22 0.00	61.86 -1.07 0.00	56.49 -0.98 0.00	53.71 -0.60 0.00
CARR STREET_E_SYR 24060	60.41 -1.05 0.00	49.84 -0.86 0.00	47.32 -0.87 0.00	48.14 -1.03 0.00	54.35 -1.39 0.00	54.03 -1.38 0.00	54.83 -1.29 0.00	57.68 -1.60 0.00	59.67 -1.65 0.00	59.56 -1.52 0.00	55.60 -1.13 0.00	55.01 -1.12 0.00	57.70 -1.12 0.00	61.61 -1.20 0.00	63.66 -1.30 0.00	68.21 -1.32 0.00	76.11 -1.08 0.00	85.28 -1.13 0.00	80.01 -0.89 0.00	76.18 -0.85 0.00	72.77 -1.03 0.00	61.86 -1.07 0.00	56.44 -1.03 0.00	53.33 -0.98 0.00
CARTHAGE___PAPER 23857	62.92 1.47 0.00	51.87 1.17 0.00	49.15 0.96 0.00	50.01 0.84 0.00	56.79 1.06 0.00	56.69 1.28 0.00	57.58 1.46 0.00	60.76 1.48 0.00	62.79 1.47 0.00	62.37 1.28 0.00	57.81 1.08 0.00	57.03 0.90 0.00	59.41 0.59 0.00	63.05 0.25 0.00	64.89 -0.06 0.00	69.26 -0.28 0.00	77.66 0.47 0.00	87.44 1.04 0.00	82.27 1.37 0.00	79.65 2.62 0.00	76.68 2.88 0.00	65.57 2.64 0.00	59.60 2.13 0.00	56.32 2.01 0.00
CASSADAGA_WT_PWR 323784	61.02 -1.78 -1.35	51.40 -1.32 -2.02	48.56 -1.40 -1.78	48.73 -1.77 -1.33	53.06 -3.01 -0.33	53.12 -2.77 -0.48	54.00 -2.69 -0.57	55.66 -3.62 0.00	57.70 -3.62 0.00	58.34 -2.75 0.00	56.05 -0.68 0.00	55.63 -0.51 0.00	59.00 0.18 0.00	62.80 0.00 0.00	64.83 -0.13 0.00	69.53 0.00 0.00	78.89 1.70 0.00	87.44 1.04 0.00	82.52 1.62 0.00	78.80 1.77 0.00	74.39 0.59 0.00	62.24 -0.69 0.00	56.90 -0.57 0.00	54.20 -0.11 0.00
CE_DUNWOOD___DRP 24194	72.77 4.12 -7.21	64.72 3.24 -10.78	60.81 3.13 -9.50	59.29 3.05 -7.07	60.62 3.12 -1.76	60.96 2.99 -2.56	62.40 3.26 -3.02	62.48 3.20 0.00	64.94 3.62 0.00	64.87 3.79 0.00	60.47 3.74 0.00	60.07 3.93 0.00	62.94 4.12 0.00	67.39 4.58 0.00	69.90 4.94 0.00	74.75 5.21 0.00	82.75 5.56 0.00	93.40 7.00 0.00	86.97 6.07 0.00	81.19 4.16 0.00	77.79 3.99 0.00	66.64 3.71 0.00	60.92 3.45 0.00	57.46 3.15 0.00
CE_MILLWOOD___DRP 24193	72.57 3.93 -7.18	64.48 3.04 -10.74	60.64 2.99 -9.47	59.17 2.95 -7.05	60.51 3.01 -1.76	60.79 2.83 -2.55	62.22 3.09 -3.01	62.30 3.02 0.00	64.75 3.43 0.00	64.63 3.54 0.00	60.25 3.52 0.00	59.84 3.70 0.00	62.70 3.88 0.00	67.14 4.33 0.00	69.64 4.68 0.00	74.47 4.94 0.00	82.44 5.25 0.00	93.06 6.65 0.00	86.72 5.82 0.00	81.03 4.01 0.00	77.64 3.84 0.00	66.45 3.52 0.00	60.69 3.22 0.00	57.29 2.99 0.00
CE_NYC2_DRP 24202	70.91 3.93 -5.53	64.53 3.04 -10.79	60.87 3.18 -9.51	59.45 3.20 -7.08	60.51 3.01 -1.77	60.64 2.66 -2.57	62.23 3.09 -3.02	62.36 3.08 0.00	64.75 3.43 0.00	64.75 3.67 0.00	61.10 4.37 0.00	60.85 4.72 0.00	63.58 4.76 0.00	67.57 4.77 0.00	69.96 5.00 0.00	73.21 5.15 1.47	80.74 5.40 1.85	91.44 6.91 1.88	84.44 5.82 2.28	68.89 3.77 11.91	67.97 3.62 9.45	66.45 3.52 0.00	61.20 3.74 0.00	58.11 3.80 0.00
CE_NYC_DRP 24195	73.15 4.49 -7.22	64.99 3.50 -10.79	61.11 3.42 -9.51	59.54 3.29 -7.08	60.85 3.34 -1.77	61.08 3.10 -2.57	62.63 3.48 -3.02	62.83 3.56 0.00	65.36 4.05 0.00	65.36 4.28 0.00	61.10 4.37 0.00	60.80 4.66 0.00	63.70 4.88 0.00	68.14 5.34 0.00	70.68 5.72 0.00	75.44 5.91 0.00	83.44 6.25 0.00	94.27 7.86 0.00	87.61 6.71 0.00	81.65 4.62 0.00	78.16 4.35 0.00	67.02 4.09 0.00	61.38 3.91 0.00	57.94 3.64 0.00
CHAFFEE___LFGE 323603	60.01 -2.76 -1.32	50.44 -2.23 -1.97	47.71 -2.22 -1.74	47.81 -2.66 -1.29	51.99 -4.07 -0.32	52.00 -3.88 -0.47	52.69 -3.98 -0.55	53.88 -5.39 0.00	55.86 -5.46 0.00	56.50 -4.58 0.00	54.24 -2.49 0.00	53.83 -2.30 0.00	57.17 -1.65 0.00	60.67 -2.14 0.00	62.62 -2.34 0.00	67.10 -2.44 0.00	76.18 -1.01 0.00	84.93 -1.47 0.00	80.09 -0.81 0.00	76.49 -0.54 0.00	72.18 -1.62 0.00	60.54 -2.39 0.00	55.46 -2.01 0.00	53.00 -1.30 0.00
CHATEAUG_35_KV_LOAD 355732	59.91 -1.54 0.00	49.48 -1.22 0.00	47.07 -1.11 0.00	48.24 -0.93 0.00	55.12 -0.61 0.00	54.97 -0.44 0.00	55.90 -0.22 0.00	59.69 0.41 0.00	61.69 0.37 0.00	61.08 0.00 0.00	56.62 -0.11 0.00	56.02 -0.11 0.00	58.70 -0.12 0.00	62.55 -0.25 0.00	64.57 -0.39 0.00	68.91 -0.63 0.00	76.34 -0.85 0.00	85.11 -1.30 0.00	79.77 -1.13 0.00	76.88 -0.15 0.00	73.73 -0.07 0.00	63.18 0.25 0.00	57.93 0.46 0.00	54.74 0.43 0.00
CHATEAUG_WT_PWR 323614	59.85 -1.60 0.00	49.48 -1.22 0.00	47.08 -1.11 0.00	48.19 -0.98 0.00	55.12 -0.61 0.00	54.91 -0.50 0.00	55.90 -0.22 0.00	59.69 0.42 0.00	61.75 0.43 0.00	61.08 0.00 0.00	56.62 -0.11 0.00	56.02 -0.11 0.00	58.70 -0.12 0.00	62.55 -0.25 0.00	64.57 -0.39 0.00	68.91 -0.63 0.00	76.27 -0.92 0.00	85.11 -1.29 0.00	79.69 -1.21 0.00	76.57 -0.46 0.00	73.51 -0.29 0.00	62.99 0.06 0.00	57.87 0.41 0.00	54.69 0.38 0.00
CHAT_HIGH_FALL_HYD 323578	59.91 -1.54 0.00	49.48 -1.22 0.00	47.07 -1.11 0.00	48.24 -0.93 0.00	55.12 -0.61 0.00	54.97 -0.44 0.00	55.90 -0.22 0.00	59.69 0.41 0.00	61.69 0.37 0.00	61.08 0.00 0.00	56.62 -0.11 0.00	56.02 -0.11 0.00	58.70 -0.12 0.00	62.55 -0.25 0.00	64.57 -0.39 0.00	68.91 -0.63 0.00	76.34 -0.85 0.00	85.11 -1.30 0.00	79.77 -1.13 0.00	76.88 -0.15 0.00	73.73 -0.07 0.00	63.18 0.25 0.00	57.93 0.46 0.00	54.74 0.43 0.00
CHAUTAUQUA___LFGE 323629	60.62 -2.15 -1.32	51.00 -1.67 -1.97	48.23 -1.69 -1.74	48.40 -2.06 -1.29	52.66 -3.40 -0.32	52.72 -3.16 -0.47	53.48 -3.20 -0.55	54.65 -4.62 0.00	56.66 -4.66 0.00	57.24 -3.85 0.00	54.97 -1.76 0.00	54.56 -1.57 0.00	57.88 -0.94 0.00	61.55 -1.26 0.00	63.59 -1.37 0.00	68.14 -1.39 0.00	77.34 0.15 0.00	86.40 0.00 0.00	81.47 0.57 0.00	77.88 0.85 0.00	73.51 -0.29 0.00	61.54 -1.38 0.00	56.32 -1.15 0.00	53.71 -0.60 0.00
CHERRYST_13_KV_LD 356241	73.40 4.73 -7.22	65.19 3.70 -10.79	61.26 3.57 -9.51	59.74 3.49 -7.08	61.07 3.57 -1.77	61.30 3.32 -2.57	62.85 3.70 -3.02	63.13 3.85 0.00	65.67 4.35 0.00	65.73 4.64 0.00	61.38 4.65 0.00	61.13 5.00 0.00	64.00 5.18 0.00	68.52 5.72 0.00	71.00 6.04 0.00	75.79 6.26 0.00	83.91 6.72 0.00	94.79 8.38 0.00	88.02 7.12 0.00	81.96 4.93 0.00	78.45 4.65 0.00	67.27 4.34 0.00	61.61 4.14 0.00	58.16 3.86 0.00

CHESTROR_138KV_BK263 355645	71.43 3.26 -6.72	63.23 2.48 -10.05	59.44 2.41 -8.85	58.12 2.36 -6.59	59.83 2.45 -1.65	60.13 2.33 -2.39	61.41 2.47 -2.82	61.65 2.37 0.00	63.95 2.64 0.00	63.83 2.75 0.00	59.45 2.72 0.00	58.94 2.81 0.00	61.76 2.94 0.00	66.19 3.39 0.00	68.66 3.70 0.00	73.50 3.96 0.00	81.44 4.25 0.00	91.85 5.44 0.00	85.67 4.77 0.00	80.34 3.31 0.00	76.97 3.17 0.00	65.76 2.83 0.00	60.06 2.59 0.00	56.59 2.28 0.00
CH_MIDHUDSON___DRP 24192	72.95 4.06 -7.45	64.98 3.14 -11.14	61.03 3.04 -9.81	59.52 3.05 -7.30	60.74 3.18 -1.82	61.11 3.05 -2.65	62.50 3.26 -3.12	62.36 3.08 0.00	64.75 3.43 0.00	64.57 3.48 0.00	60.02 3.29 0.00	59.45 3.31 0.00	62.29 3.47 0.00	66.70 3.89 0.00	69.25 4.29 0.00	74.12 4.59 0.00	82.13 4.94 0.00	92.71 6.31 0.00	86.48 5.58 0.00	80.96 3.93 0.00	77.64 3.84 0.00	66.39 3.46 0.00	60.57 3.10 0.00	57.13 2.82 0.00
CH_MISC_IPPS 23765	73.34 4.55 -7.34	65.23 3.55 -10.98	61.23 3.37 -9.67	59.72 3.35 -7.20	60.99 3.46 -1.80	61.40 3.38 -2.61	62.74 3.54 -3.08	62.71 3.44 0.00	65.06 3.74 0.00	64.94 3.85 0.00	60.25 3.52 0.00	59.84 3.70 0.00	62.76 3.94 0.00	67.20 4.39 0.00	69.77 4.81 0.00	74.75 5.22 0.00	82.82 5.63 0.00	93.49 7.09 0.00	87.21 6.31 0.00	81.73 4.70 0.00	78.30 4.50 0.00	66.77 3.84 0.00	60.98 3.51 0.00	57.35 3.04 0.00
CH_RES_BVR_FALLS 23983	60.78 -0.67 0.00	50.19 -0.51 0.00	47.75 -0.43 0.00	48.78 -0.40 0.00	55.40 -0.33 0.00	55.13 -0.28 0.00	55.90 -0.22 0.00	59.21 -0.06 0.00	61.26 -0.06 0.00	60.96 -0.12 0.00	56.62 -0.11 0.00	56.02 -0.11 0.00	58.70 -0.12 0.00	62.68 -0.13 0.00	64.76 -0.19 0.00	69.26 -0.28 0.00	76.81 -0.38 0.00	85.89 -0.52 0.00	80.42 -0.48 0.00	76.80 -0.23 0.00	73.58 -0.22 0.00	62.80 -0.13 0.00	57.41 -0.06 0.00	54.25 -0.05 0.00
CH_RES_NIAGARA 23895	58.68 -3.93 -1.16	49.34 -3.09 -1.73	46.72 -2.99 -1.52	46.87 -3.44 -1.14	50.95 -5.07 -0.28	50.89 -4.93 -0.41	50.77 -5.84 -0.49	51.69 -7.59 0.00	53.53 -7.79 0.00	54.18 -6.90 0.00	51.40 -5.33 0.00	51.70 -4.43 0.00	54.88 -3.94 0.00	57.84 -4.96 0.00	59.83 -5.13 0.00	63.97 -5.56 0.00	72.33 -4.86 0.00	80.96 -5.44 0.00	76.13 -4.77 0.00	72.41 -4.62 0.00	68.93 -4.87 0.00	57.20 -5.73 0.00	52.93 -4.54 0.00	50.29 -4.02 0.00
CH_RES_SYRACUSE 23985	60.65 -0.80 0.00	50.04 -0.66 0.00	47.51 -0.67 0.00	48.34 -0.84 0.00	54.56 -1.17 0.00	54.24 -1.17 0.00	55.05 -1.07 0.00	57.91 -1.36 0.00	59.91 -1.41 0.00	59.80 -1.29 0.00	55.82 -0.91 0.00	55.24 -0.90 0.00	57.94 -0.88 0.00	61.86 -0.94 0.00	63.85 -1.10 0.00	68.35 -1.18 0.00	76.34 -0.85 0.00	85.54 -0.86 0.00	80.34 -0.56 0.00	76.49 -0.54 0.00	73.06 -0.74 0.00	62.18 -0.75 0.00	57.07 -0.40 0.00	53.87 -0.44 0.00
CLINTON_WT_PWR 323605	59.85 -1.60 0.00	49.48 -1.22 0.00	47.08 -1.11 0.00	48.19 -0.98 0.00	55.12 -0.61 0.00	54.91 -0.50 0.00	55.90 -0.22 0.00	59.69 0.42 0.00	61.75 0.43 0.00	61.08 0.00 0.00	56.62 -0.11 0.00	56.02 -0.11 0.00	58.70 -0.12 0.00	62.55 -0.25 0.00	64.57 -0.39 0.00	68.91 -0.63 0.00	76.27 -0.92 0.00	85.11 -1.29 0.00	79.69 -1.21 0.00	76.57 -0.46 0.00	73.51 -0.29 0.00	62.99 0.06 0.00	57.87 0.41 0.00	54.69 0.38 0.00
CLINTON___LFGE 323618	60.65 -0.80 0.00	50.09 -0.61 0.00	47.65 -0.53 0.00	48.83 -0.34 0.00	55.79 0.06 0.00	55.63 0.22 0.00	56.63 0.50 0.00	60.46 1.19 0.00	62.54 1.23 0.00	61.63 0.55 0.00	56.96 0.23 0.00	56.36 0.23 0.00	59.12 0.30 0.00	63.05 0.25 0.00	65.02 0.07 0.00	69.39 -0.14 0.00	76.88 -0.31 0.00	85.89 -0.52 0.00	80.42 -0.48 0.00	77.42 0.39 0.00	74.32 0.52 0.00	63.81 0.88 0.00	58.68 1.21 0.00	55.50 1.19 0.00
COBBLENY_34_KV_TB1 80064	60.01 -2.77 -1.32	50.44 -2.23 -1.97	47.71 -2.22 -1.74	47.81 -2.66 -1.29	51.99 -4.07 -0.32	52.00 -3.88 -0.47	52.69 -3.98 -0.55	53.88 -5.39 0.00	55.86 -5.46 0.00	56.50 -4.58 0.00	53.67 -3.06 0.00	53.83 -2.30 0.00	57.17 -1.65 0.00	60.48 -2.32 0.00	62.62 -2.34 0.00	67.10 -2.43 0.00	75.96 -1.24 0.00	85.02 -1.38 0.00	80.09 -0.81 0.00	75.95 -1.08 0.00	72.18 -1.62 0.00	59.85 -3.08 0.00	55.11 -2.36 0.00	52.24 -2.06 0.00
COFFEEN___115KV_TB3 355620	63.91 2.46 0.00	52.63 1.93 0.00	49.87 1.69 0.00	50.65 1.48 0.00	57.35 1.62 0.00	57.24 1.83 0.00	58.09 1.96 0.00	61.17 1.90 0.00	63.10 1.78 0.00	62.80 1.71 0.00	58.21 1.47 0.00	57.37 1.23 0.00	59.76 0.94 0.00	63.37 0.57 0.00	65.02 0.06 0.00	69.60 0.07 0.00	78.27 1.08 0.00	88.30 1.90 0.00	83.24 2.35 0.00	80.73 3.70 0.00	77.86 4.06 0.00	66.33 3.40 0.00	60.23 2.76 0.00	56.80 2.50 0.00
COLDSPRG_115KV_BK1 355956	61.13 -1.72 -1.40	51.37 -1.42 -2.10	48.58 -1.45 -1.85	48.73 -1.82 -1.37	53.07 -3.01 -0.34	53.14 -2.77 -0.50	54.07 -2.64 -0.59	55.90 -3.38 0.00	58.01 -3.31 0.00	58.64 -2.44 0.00	55.82 -0.91 0.00	55.80 -0.34 0.00	59.23 0.41 0.00	62.99 0.19 0.00	65.22 0.26 0.00	69.95 0.42 0.00	79.20 2.01 0.00	87.79 1.38 0.00	82.76 1.86 0.00	78.49 1.46 0.00	74.54 0.74 0.00	61.73 -1.20 0.00	56.61 -0.86 0.00	53.49 -0.81 0.00
COLONIE_LFGE___ 323577	90.39 3.19 -25.75	91.84 2.63 -38.51	84.66 2.55 -33.93	77.03 2.60 -25.26	64.94 2.90 -6.31	67.39 2.82 -9.16	69.83 2.92 -10.79	62.00 2.73 0.00	64.01 2.69 0.00	63.59 2.51 0.00	58.55 1.81 0.00	57.82 1.68 0.00	60.53 1.71 0.00	64.75 1.95 0.00	67.10 2.14 0.00	72.03 2.50 0.00	79.96 2.77 0.00	89.95 3.54 0.00	84.30 3.40 0.00	79.72 2.69 0.00	76.45 2.65 0.00	65.32 2.39 0.00	59.48 2.01 0.00	56.15 1.85 0.00
COOPERNY_115KV_TB1 80082	69.31 2.34 -5.52	60.73 1.77 -8.26	57.19 1.73 -7.27	56.31 1.72 -5.41	58.87 1.78 -1.35	59.03 1.66 -1.96	60.23 1.80 -2.31	60.87 1.60 0.00	63.16 1.84 0.00	63.04 1.95 0.00	58.66 1.93 0.00	58.16 2.02 0.00	60.94 2.12 0.00	65.25 2.45 0.00	67.56 2.60 0.00	72.31 2.78 0.00	80.35 3.16 0.00	90.47 4.06 0.00	84.46 3.56 0.00	79.49 2.46 0.00	76.16 2.36 0.00	65.01 2.08 0.00	59.31 1.84 0.00	55.94 1.63 0.00
COPENHAGEN_WT_PWR 323753	63.11 1.66 0.00	52.01 1.32 0.00	49.29 1.11 0.00	50.10 0.93 0.00	56.74 1.00 0.00	56.58 1.17 0.00	57.41 1.29 0.00	60.52 1.25 0.00	62.48 1.16 0.00	62.19 1.10 0.00	57.69 0.96 0.00	56.92 0.79 0.00	59.35 0.53 0.00	62.99 0.19 0.00	64.76 -0.19 0.00	69.26 -0.28 0.00	77.73 0.54 0.00	87.52 1.12 0.00	82.43 1.53 0.00	79.72 2.69 0.00	76.76 2.96 0.00	65.51 2.58 0.00	59.48 2.01 0.00	56.21 1.90 0.00
CORNELL_____ 23752	64.14 0.86 -1.83	54.10 0.66 -2.74	51.18 0.58 -2.42	51.41 0.44 -1.80	56.35 0.17 -0.45	56.28 0.22 -0.65	57.23 0.34 -0.77	59.27 0.00 0.00	61.20 -0.12 0.00	61.02 -0.06 0.00	56.90 0.17 0.00	56.36 0.22 0.00	59.06 0.24 0.00	63.05 0.25 0.00	65.15 0.19 0.00	69.81 0.28 0.00	78.19 1.00 0.00	87.96 1.56 0.00	82.84 1.94 0.00	78.88 1.85 0.00	75.50 1.70 0.00	63.87 0.94 0.00	58.27 0.80 0.00	54.90 0.60 0.00

CORONA__69_KV_TB1 355595	103.03 5.78 -35.81	79.23 4.61 -23.91	67.98 4.29 -15.51	60.63 4.38 -7.08	62.07 4.57 -1.77	62.35 4.38 -2.57	63.80 4.66 -3.02	63.96 4.68 0.00	66.41 5.09 0.00	66.34 5.25 0.00	61.95 5.22 0.00	64.00 5.33 -2.53	75.65 5.65 -11.19	77.29 6.22 -8.27	78.51 6.56 -6.99	80.21 6.81 -3.87	84.68 7.49 0.00	159.35 9.33 -63.62	130.88 8.25 -41.73	146.76 6.24 -63.49	79.72 5.90 -0.02	77.77 5.35 -9.50	62.58 5.11 0.00	58.81 4.51 0.00
CORTLAND__115KV_TB3 80093	63.28 0.43 -1.40	53.14 0.35 -2.09	50.31 0.29 -1.84	50.69 0.15 -1.37	56.02 -0.06 -0.34	55.91 0.00 -0.50	56.76 0.06 -0.59	59.04 -0.24 0.00	61.01 -0.31 0.00	60.84 -0.24 0.00	56.73 0.00 0.00	56.19 0.06 0.00	58.94 0.12 0.00	62.87 0.06 0.00	65.02 0.06 0.00	69.67 0.14 0.00	77.88 0.69 0.00	87.44 1.04 0.00	82.11 1.21 0.00	78.11 1.08 0.00	74.83 1.03 0.00	63.37 0.44 0.00	57.81 0.34 0.00	54.52 0.22 0.00
COXSACKIE__GT 23611	80.96 4.80 -14.71	76.60 3.90 -22.00	71.23 3.66 -19.38	67.24 3.64 -14.43	63.35 4.02 -3.60	64.68 4.04 -5.23	66.33 4.04 -6.17	63.36 4.09 0.00	64.93 3.62 0.00	64.14 3.05 0.00	58.72 1.98 0.00	57.88 1.74 0.00	60.70 1.88 0.00	64.31 1.50 0.00	62.01 2.27 5.22	65.50 2.85 6.88	70.99 3.32 9.52	90.79 4.40 0.02	85.16 4.28 0.02	80.57 3.55 0.00	77.56 3.76 0.00	66.14 3.21 0.00	60.38 2.93 0.02	57.27 2.98 0.02
CPV_VALLEY__CC1 323721	70.36 2.64 -6.27	62.10 2.03 -9.38	58.42 1.98 -8.26	57.29 1.97 -6.15	59.22 1.95 -1.54	59.52 1.88 -2.23	60.77 2.02 -2.63	61.17 1.90 0.00	63.46 2.15 0.00	63.35 2.26 0.00	58.89 2.16 0.00	58.49 2.36 0.00	61.29 2.47 0.00	65.63 2.83 0.00	68.08 3.12 0.00	72.80 3.27 0.00	80.74 3.55 0.00	91.07 4.66 0.00	84.86 3.96 0.00	79.72 2.69 0.00	76.31 2.51 0.00	65.07 2.14 0.00	59.48 2.01 0.00	56.04 1.74 0.00
CPV_VALLEY__CC2 323722	70.36 2.64 -6.27	62.10 2.03 -9.38	58.42 1.98 -8.26	57.29 1.97 -6.15	59.22 1.95 -1.54	59.52 1.88 -2.23	60.77 2.02 -2.63	61.17 1.90 0.00	63.46 2.15 0.00	63.35 2.26 0.00	58.89 2.16 0.00	58.49 2.36 0.00	61.29 2.47 0.00	65.63 2.83 0.00	68.08 3.12 0.00	72.80 3.27 0.00	80.74 3.55 0.00	91.07 4.66 0.00	84.86 3.96 0.00	79.72 2.69 0.00	76.31 2.51 0.00	65.07 2.14 0.00	59.48 2.01 0.00	56.04 1.74 0.00
CRESCENT__HYD 24018	90.39 3.19 -25.75	91.84 2.63 -38.51	84.66 2.55 -33.93	77.03 2.60 -25.26	64.94 2.90 -6.31	67.39 2.82 -9.16	69.83 2.92 -10.79	62.00 2.73 0.00	64.01 2.69 0.00	63.59 2.51 0.00	58.55 1.81 0.00	57.82 1.68 0.00	60.53 1.71 0.00	64.75 1.95 0.00	67.10 2.14 0.00	72.03 2.50 0.00	79.96 2.77 0.00	89.95 3.54 0.00	84.30 3.40 0.00	79.72 2.69 0.00	76.45 2.65 0.00	65.32 2.39 0.00	59.48 2.01 0.00	56.15 1.85 0.00
CRICKET__VALLEY_CC1 323756	72.71 3.25 -8.00	65.20 2.53 -11.97	61.23 2.50 -10.54	59.53 2.51 -7.85	60.32 2.62 -1.96	60.75 2.50 -2.85	62.17 2.69 -3.35	61.76 2.49 0.00	64.01 2.69 0.00	63.84 2.75 0.00	59.00 2.27 0.00	58.49 2.36 0.00	61.23 2.41 0.00	65.63 2.83 0.00	68.08 3.12 0.00	72.94 3.41 0.00	80.90 3.71 0.00	91.15 4.75 0.00	85.02 4.12 0.00	79.80 2.77 0.00	76.38 2.58 0.00	65.32 2.39 0.00	59.60 2.13 0.00	56.15 1.85 0.00
CRICKET__VALLEY_CC2 323757	72.71 3.25 -8.00	65.20 2.53 -11.97	61.23 2.50 -10.54	59.53 2.51 -7.85	60.32 2.62 -1.96	60.75 2.50 -2.85	62.17 2.69 -3.35	61.76 2.49 0.00	64.01 2.69 0.00	63.84 2.75 0.00	59.00 2.27 0.00	58.49 2.36 0.00	61.23 2.41 0.00	65.63 2.83 0.00	68.08 3.12 0.00	72.94 3.41 0.00	80.90 3.71 0.00	91.15 4.75 0.00	85.02 4.12 0.00	79.80 2.77 0.00	76.38 2.58 0.00	65.32 2.39 0.00	59.60 2.13 0.00	56.15 1.85 0.00
CRICKET__VALLEY_CC3 323758	72.71 3.25 -8.00	65.20 2.53 -11.97	61.23 2.50 -10.54	59.53 2.51 -7.85	60.32 2.62 -1.96	60.75 2.50 -2.85	62.17 2.69 -3.35	61.76 2.49 0.00	64.01 2.69 0.00	63.84 2.75 0.00	59.00 2.27 0.00	58.49 2.36 0.00	61.23 2.41 0.00	65.63 2.83 0.00	68.08 3.12 0.00	72.94 3.41 0.00	80.90 3.71 0.00	91.15 4.75 0.00	85.02 4.12 0.00	79.80 2.77 0.00	76.38 2.58 0.00	65.32 2.39 0.00	59.60 2.13 0.00	56.15 1.85 0.00
CRUCIBLE__METL_DRP 24180	60.65 -0.80 0.00	50.04 -0.66 0.00	47.51 -0.67 0.00	48.34 -0.84 0.00	54.57 -1.17 0.00	54.25 -1.16 0.00	55.06 -1.07 0.00	57.91 -1.36 0.00	59.91 -1.41 0.00	59.80 -1.28 0.00	55.71 -1.02 0.00	55.24 -0.90 0.00	57.94 -0.88 0.00	61.80 -1.00 0.00	63.85 -1.10 0.00	68.35 -1.18 0.00	76.34 -0.85 0.00	85.54 -0.86 0.00	80.33 -0.57 0.00	76.41 -0.62 0.00	73.06 -0.74 0.00	62.11 -0.82 0.00	57.01 -0.46 0.00	53.76 -0.54 0.00
DAHOWA__HYDRO 323763	94.54 3.99 -29.10	97.41 3.20 -43.52	89.56 3.04 -38.34	80.76 3.05 -28.54	66.21 3.34 -7.12	69.14 3.38 -10.35	71.68 3.37 -12.20	62.41 3.14 0.00	64.32 3.00 0.00	63.71 2.62 0.00	58.55 1.81 0.00	57.76 1.63 0.00	60.35 1.53 0.00	64.50 1.70 0.00	66.77 1.82 0.00	71.82 2.29 0.00	79.89 2.70 0.00	90.12 3.71 0.00	84.78 3.88 0.00	80.65 3.62 0.00	77.64 3.84 0.00	66.14 3.21 0.00	60.23 2.76 0.00	56.69 2.39 0.00
DANC__LFGE 323619	62.00 0.55 0.00	51.10 0.40 0.00	48.47 0.29 0.00	49.32 0.15 0.00	55.79 0.06 0.00	55.52 0.11 0.00	56.29 0.17 0.00	59.27 0.00 0.00	61.26 -0.06 0.00	61.02 -0.06 0.00	56.79 0.06 0.00	56.08 -0.06 0.00	58.59 -0.23 0.00	62.30 -0.50 0.00	64.18 -0.78 0.00	68.63 -0.91 0.00	76.81 -0.38 0.00	86.32 -0.09 0.00	81.22 0.32 0.00	78.11 1.08 0.00	75.05 1.25 0.00	64.00 1.07 0.00	58.27 0.80 0.00	55.07 0.76 0.00
DANSKAMMER__1 23586	73.34 4.55 -7.34	65.23 3.55 -10.98	61.23 3.37 -9.67	59.72 3.35 -7.20	60.99 3.46 -1.80	61.40 3.38 -2.61	62.74 3.54 -3.08	62.71 3.44 0.00	65.06 3.74 0.00	64.94 3.85 0.00	60.25 3.52 0.00	59.84 3.70 0.00	62.76 3.94 0.00	67.20 4.39 0.00	69.77 4.81 0.00	74.75 5.22 0.00	82.82 5.63 0.00	93.49 7.09 0.00	87.21 6.31 0.00	81.73 4.70 0.00	78.30 4.50 0.00	66.77 3.84 0.00	60.98 3.51 0.00	57.35 3.04 0.00
DANSKAMMER__2 23589	73.34 4.55 -7.34	65.23 3.55 -10.98	61.23 3.37 -9.67	59.72 3.35 -7.20	60.99 3.46 -1.80	61.40 3.38 -2.61	62.74 3.54 -3.08	62.71 3.44 0.00	65.06 3.74 0.00	64.94 3.85 0.00	60.25 3.52 0.00	59.84 3.70 0.00	62.76 3.94 0.00	67.20 4.39 0.00	69.77 4.81 0.00	74.75 5.22 0.00	82.82 5.63 0.00	93.49 7.09 0.00	87.21 6.31 0.00	81.73 4.70 0.00	78.30 4.50 0.00	66.77 3.84 0.00	60.98 3.51 0.00	57.35 3.04 0.00
DANSKAMMER__3 23590	73.34 4.55 -7.34	65.23 3.55 -10.98	61.23 3.37 -9.67	59.72 3.35 -7.20	60.99 3.46 -1.80	61.40 3.38 -2.61	62.74 3.54 -3.08	62.71 3.44 0.00	65.06 3.74 0.00	64.94 3.85 0.00	60.25 3.52 0.00	59.84 3.70 0.00	62.76 3.94 0.00	67.20 4.39 0.00	69.77 4.81 0.00	74.75 5.22 0.00	82.82 5.63 0.00	93.49 7.09 0.00	87.21 6.31 0.00	81.73 4.70 0.00	78.30 4.50 0.00	66.77 3.84 0.00	60.98 3.51 0.00	57.35 3.04 0.00

DANSKAMMER___4 23591	73.34 4.55 -7.34	65.23 3.55 -10.98	61.23 3.37 -9.67	59.72 3.35 -7.20	60.99 3.46 -1.80	61.40 3.38 -2.61	62.74 3.54 -3.08	62.71 3.44 0.00	65.06 3.74 0.00	64.94 3.85 0.00	60.25 3.52 0.00	59.84 3.70 0.00	62.76 3.94 0.00	67.20 4.39 0.00	69.77 4.81 0.00	74.75 5.22 0.00	82.82 5.63 0.00	93.49 7.09 0.00	87.21 6.31 0.00	81.73 4.70 0.00	78.30 4.50 0.00	66.77 3.84 0.00	60.98 3.51 0.00	57.35 3.04 0.00
DANSKAMMER___DIESEL 23592	73.34 4.55 -7.34	65.23 3.55 -10.98	61.23 3.37 -9.67	59.72 3.34 -7.20	60.99 3.46 -1.80	61.40 3.38 -2.61	62.73 3.54 -3.08	62.71 3.44 0.00	65.12 3.80 0.00	64.93 3.85 0.00	60.42 3.69 0.00	59.84 3.70 0.00	62.70 3.88 0.00	67.20 4.40 0.00	69.77 4.81 0.00	74.75 5.21 0.00	82.83 5.63 0.00	93.49 7.09 0.00	87.21 6.31 0.00	81.65 4.62 0.00	78.30 4.50 0.00	66.89 3.96 0.00	61.03 3.56 0.00	57.51 3.20 0.00
DARBY___SOLAR 323810	93.89 3.75 -28.69	96.65 3.04 -42.91	88.88 2.89 -37.81	80.22 2.90 -28.14	65.99 3.23 -7.03	68.83 3.21 -10.20	71.40 3.25 -12.03	62.24 2.96 0.00	64.20 2.88 0.00	63.59 2.51 0.00	58.43 1.70 0.00	57.65 1.52 0.00	60.29 1.47 0.00	64.43 1.63 0.00	66.71 1.75 0.00	71.76 2.22 0.00	79.73 2.54 0.00	89.95 3.54 0.00	84.62 3.72 0.00	80.41 3.39 0.00	77.34 3.54 0.00	65.95 3.02 0.00	60.06 2.59 0.00	56.59 2.28 0.00
DASHVILLE___HYD 23610	73.53 3.26 -8.82	66.38 2.48 -13.20	62.17 2.36 -11.63	60.19 2.36 -8.66	60.35 2.45 -2.16	60.87 2.33 -3.14	62.29 2.47 -3.70	61.88 2.61 0.00	64.14 2.82 0.00	63.96 2.87 0.00	59.45 2.72 0.00	58.89 2.75 0.00	61.70 2.88 0.00	66.13 3.33 0.00	68.11 4.42 1.26	72.66 4.80 1.67	80.13 5.25 2.31	92.88 6.48 0.01	86.39 5.50 0.01	80.57 3.54 0.00	77.20 3.39 0.00	66.01 3.08 0.00	60.45 2.99 0.01	57.18 2.88 0.01
DELAWARE___LFGE 323621	69.61 2.03 -6.13	61.49 1.62 -9.17	57.76 1.49 -8.08	56.81 1.62 -6.02	59.02 1.78 -1.50	59.42 1.83 -2.18	60.43 1.74 -2.57	60.64 1.36 0.00	62.79 1.47 0.00	62.61 1.53 0.00	58.21 1.47 0.00	57.60 1.46 0.00	60.29 1.47 0.00	64.44 1.63 0.00	66.71 1.75 0.00	71.41 1.88 0.00	79.51 2.32 0.00	89.51 3.11 0.00	83.73 2.83 0.00	79.26 2.23 0.00	76.09 2.29 0.00	64.75 1.82 0.00	59.02 1.55 0.00	55.72 1.41 0.00
DERFIELD_115KV_TB7 355931	61.94 0.49 0.00	51.10 0.41 0.00	48.57 0.39 0.00	49.57 0.39 0.00	56.13 0.39 0.00	55.85 0.44 0.00	56.57 0.45 0.00	59.57 0.30 0.00	61.69 0.37 0.00	61.45 0.37 0.00	57.01 0.28 0.00	56.42 0.28 0.00	59.06 0.24 0.00	63.05 0.25 0.00	65.22 0.26 0.00	69.88 0.35 0.00	77.58 0.39 0.00	87.01 0.60 0.00	81.46 0.57 0.00	77.41 0.39 0.00	74.17 0.37 0.00	63.24 0.31 0.00	57.76 0.29 0.00	54.58 0.27 0.00
DOGLEVILLE___HYD 23807	61.94 0.49 0.00	51.10 0.41 0.00	48.57 0.39 0.00	49.66 0.49 0.00	56.35 0.61 0.00	56.19 0.78 0.00	57.08 0.95 0.00	60.22 0.95 0.00	62.42 1.10 0.00	62.25 1.16 0.00	57.81 1.08 0.00	57.20 1.07 0.00	59.94 1.12 0.00	63.93 1.13 0.00	66.13 1.17 0.00	70.58 1.04 0.00	78.50 1.31 0.00	88.05 1.64 0.00	82.35 1.46 0.00	78.34 1.31 0.00	75.13 1.33 0.00	64.25 1.32 0.00	58.62 1.15 0.00	55.45 1.14 0.00
DUNKIRK__115KV_TB_200 55889	60.56 -2.21 -1.32	50.89 -1.77 -1.97	48.13 -1.78 -1.74	48.30 -2.16 -1.29	52.60 -3.46 -0.32	52.61 -3.27 -0.47	53.36 -3.31 -0.55	54.53 -4.74 0.00	56.47 -4.84 0.00	57.11 -3.97 0.00	54.29 -2.44 0.00	54.40 -1.74 0.00	57.70 -1.12 0.00	61.23 -1.57 0.00	63.40 -1.56 0.00	67.93 -1.60 0.00	76.96 -0.23 0.00	86.32 -0.09 0.00	81.30 0.40 0.00	77.26 0.23 0.00	73.36 -0.44 0.00	60.79 -2.14 0.00	55.86 -1.61 0.00	52.95 -1.36 0.00
DUNKIRK___1 23563	60.56 -2.21 -1.32	50.89 -1.77 -1.97	48.13 -1.78 -1.74	48.30 -2.16 -1.29	52.60 -3.46 -0.32	52.61 -3.27 -0.47	53.36 -3.31 -0.55	54.53 -4.74 0.00	56.47 -4.84 0.00	57.11 -3.97 0.00	54.29 -2.44 0.00	54.40 -1.74 0.00	57.70 -1.12 0.00	61.23 -1.57 0.00	63.40 -1.56 0.00	67.93 -1.60 0.00	76.96 -0.23 0.00	86.32 -0.09 0.00	81.30 0.40 0.00	77.26 0.23 0.00	73.36 -0.44 0.00	60.79 -2.14 0.00	55.86 -1.61 0.00	52.95 -1.36 0.00
DUNKIRK___2 23564	60.56 -2.21 -1.32	50.89 -1.77 -1.97	48.13 -1.78 -1.74	48.30 -2.16 -1.29	52.60 -3.46 -0.32	52.61 -3.27 -0.47	53.36 -3.31 -0.55	54.53 -4.74 0.00	56.47 -4.84 0.00	57.11 -3.97 0.00	54.29 -2.44 0.00	54.40 -1.74 0.00	57.70 -1.12 0.00	61.23 -1.57 0.00	63.40 -1.56 0.00	67.93 -1.60 0.00	76.96 -0.23 0.00	86.32 -0.09 0.00	81.30 0.40 0.00	77.26 0.23 0.00	73.36 -0.44 0.00	60.79 -2.14 0.00	55.86 -1.61 0.00	52.95 -1.36 0.00
DUNKIRK___3 23565	60.18 -2.58 -1.31	50.63 -2.03 -1.96	47.89 -2.02 -1.73	48.05 -2.41 -1.29	52.32 -3.73 -0.32	52.33 -3.55 -0.47	53.02 -3.65 -0.55	54.18 -5.10 0.00	56.17 -5.15 0.00	56.75 -4.34 0.00	53.95 -2.78 0.00	54.06 -2.08 0.00	57.35 -1.47 0.00	60.86 -1.95 0.00	63.01 -1.95 0.00	67.45 -2.09 0.00	76.42 -0.77 0.00	85.63 -0.78 0.00	80.66 -0.24 0.00	76.57 -0.46 0.00	72.77 -1.03 0.00	60.35 -2.58 0.00	55.52 -1.95 0.00	52.57 -1.74 0.00
DUNKIRK___4 23566	60.18 -2.58 -1.31	50.63 -2.03 -1.96	47.89 -2.02 -1.73	48.05 -2.41 -1.29	52.32 -3.73 -0.32	52.33 -3.55 -0.47	53.02 -3.65 -0.55	54.18 -5.10 0.00	56.17 -5.15 0.00	56.75 -4.34 0.00	53.95 -2.78 0.00	54.06 -2.08 0.00	57.35 -1.47 0.00	60.86 -1.95 0.00	63.01 -1.95 0.00	67.45 -2.09 0.00	76.42 -0.77 0.00	85.63 -0.78 0.00	80.66 -0.24 0.00	76.57 -0.46 0.00	72.77 -1.03 0.00	60.35 -2.58 0.00	55.52 -1.95 0.00	52.57 -1.74 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	73.03 4.36 -7.22	64.94 3.45 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.79 3.29 -1.77	61.13 3.16 -2.57	62.57 3.42 -3.02	62.71 3.44 0.00	65.18 3.86 0.00	65.12 4.03 0.00	60.76 4.03 0.00	60.35 4.21 0.00	63.23 4.41 0.00	67.70 4.90 0.00	70.22 5.26 0.00	75.03 5.49 0.00	83.06 5.87 0.00	93.75 7.34 0.00	87.29 6.39 0.00	81.50 4.47 0.00	78.08 4.28 0.00	66.89 3.96 0.00	61.15 3.68 0.00	57.67 3.37 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	72.67 4.06 -7.16	64.50 3.09 -10.71	60.61 2.99 -9.44	59.15 2.95 -7.03	60.56 3.07 -1.75	60.89 2.94 -2.55	62.21 3.09 -3.00	62.30 3.02 0.00	64.63 3.31 0.00	64.51 3.42 0.00	60.02 3.29 0.00	59.50 3.37 0.00	62.35 3.53 0.00	66.82 4.02 0.00	69.31 4.35 0.00	74.26 4.73 0.00	82.36 5.17 0.00	92.88 6.48 0.00	86.64 5.74 0.00	81.19 4.16 0.00	77.86 4.06 0.00	66.45 3.52 0.00	60.69 3.22 0.00	57.18 2.88 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	72.67 3.99 -7.22	64.64 3.14 -10.80	60.98 3.28 -9.52	59.55 3.29 -7.09	60.58 3.07 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.42 3.14 0.00	64.81 3.50 0.00	64.75 3.67 0.00	61.21 4.48 0.00	60.96 4.83 0.00	63.65 4.82 -0.01	67.71 4.90 -0.01	70.04 5.07 -0.01	74.83 5.28 -0.01	82.68 5.48 -0.01	93.41 7.00 -0.01	86.89 5.99 -0.01	80.95 3.93 0.01	77.48 3.69 0.01	66.59 3.65 -0.01	61.33 3.85 -0.01	58.22 3.91 0.00

E179THST_13_KV_LOAD 356214	73.16 4.49 -7.22	65.00 3.50 -10.80	61.31 3.61 -9.52	59.85 3.59 -7.09	60.97 3.46 -1.77	61.09 3.10 -2.57	62.69 3.54 -3.03	62.77 3.50 0.00	65.24 3.92 0.00	65.12 4.03 0.00	61.61 4.88 0.00	61.36 5.22 0.00	64.12 5.29 -0.01	68.15 5.34 -0.01	70.56 5.59 -0.01	75.38 5.84 -0.01	83.30 6.10 -0.01	94.19 7.78 -0.01	87.54 6.63 -0.01	81.57 4.54 0.01	78.07 4.28 0.01	67.03 4.09 -0.01	61.73 4.25 -0.01	58.60 4.29 0.00
EAST HAMPTON___GT 23717	104.88 7.62 -35.81	80.74 6.13 -23.91	69.28 5.59 -15.51	61.47 5.21 -7.09	62.75 5.24 -1.78	63.42 5.43 -2.57	64.43 5.27 -3.03	64.92 5.63 -0.01	68.07 6.75 -0.01	68.42 7.33 -0.01	63.77 7.03 -0.01	66.36 7.69 -2.53	78.36 8.35 -11.19	80.49 9.42 -8.27	82.08 10.13 -6.99	84.25 10.84 -3.88	92.05 11.57 -3.29	114.65 14.35 -13.90	121.57 13.43 -27.24	96.32 11.40 -7.89	84.46 10.63 -0.03	81.05 8.62 -9.50	65.29 7.81 -0.01	61.04 6.73 0.00
EAST RIVER___6 23660	73.09 4.43 -7.22	64.94 3.45 -10.79	61.06 3.37 -9.51	59.54 3.29 -7.08	60.79 3.29 -1.77	60.97 2.99 -2.57	62.57 3.42 -3.02	62.77 3.50 0.00	65.30 3.98 0.00	65.30 4.21 0.00	60.87 4.14 0.00	60.74 4.60 0.00	63.64 4.82 0.00	68.08 5.28 0.00	70.61 5.65 0.00	75.37 5.84 0.00	83.44 6.25 0.00	94.27 7.86 0.00	87.53 6.64 0.00	81.65 4.62 0.00	78.08 4.28 0.00	66.83 3.90 0.00	61.26 3.79 0.00	57.83 3.53 0.00
EAST RIVER___7 23524	73.09 4.43 -7.22	64.94 3.45 -10.79	61.06 3.37 -9.51	59.54 3.29 -7.08	60.79 3.29 -1.77	60.97 2.99 -2.57	62.57 3.42 -3.02	62.77 3.50 0.00	65.30 3.98 0.00	65.30 4.21 0.00	60.87 4.14 0.00	60.74 4.60 0.00	63.64 4.82 0.00	68.08 5.28 0.00	70.61 5.65 0.00	75.37 5.84 0.00	83.44 6.25 0.00	94.27 7.86 0.00	87.53 6.64 0.00	81.65 4.62 0.00	78.08 4.28 0.00	66.83 3.90 0.00	61.26 3.79 0.00	57.83 3.53 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	72.77 4.12 -7.21	64.72 3.24 -10.78	60.81 3.13 -9.50	59.29 3.05 -7.07	60.62 3.12 -1.76	60.96 2.99 -2.56	62.40 3.26 -3.02	62.48 3.20 0.00	64.94 3.62 0.00	64.87 3.79 0.00	60.47 3.74 0.00	60.07 3.93 0.00	62.94 4.12 0.00	67.39 4.58 0.00	69.90 4.94 0.00	74.75 5.21 0.00	82.75 5.56 0.00	93.40 7.00 0.00	86.97 6.07 0.00	81.19 4.16 0.00	77.79 3.99 0.00	66.64 3.71 0.00	60.92 3.45 0.00	57.46 3.15 0.00
EAST_HAMPTON___DIESEL 23722	104.81 7.56 -35.81	80.64 6.03 -23.91	69.19 5.49 -15.51	61.37 5.11 -7.09	62.64 5.12 -1.78	63.36 5.37 -2.57	64.31 5.16 -3.03	64.80 5.51 -0.01	67.95 6.62 -0.01	68.36 7.27 -0.01	63.71 6.98 -0.01	66.36 7.69 -2.53	78.30 8.30 -11.19	80.49 9.42 -8.27	82.02 10.07 -6.99	84.19 10.78 -3.88	91.98 11.50 -3.29	114.55 14.25 -13.90	121.48 13.34 -27.23	96.32 11.40 -7.89	84.46 10.63 -0.03	81.05 8.62 -9.50	65.29 7.81 -0.01	61.04 6.73 0.00
EAST_POINT___SOLAR 323840	95.29 5.16 -28.68	97.64 4.06 -42.89	89.73 3.76 -37.79	81.09 3.79 -28.13	66.99 4.23 -7.02	70.04 4.43 -10.20	72.13 3.99 -12.02	62.12 2.85 0.00	62.97 1.66 0.00	61.82 0.74 0.00	56.96 0.23 0.00	55.97 -0.17 0.00	58.47 -0.35 0.00	62.17 -0.63 0.00	64.31 -0.65 0.00	69.12 -0.41 0.00	76.81 -0.38 0.00	87.78 1.38 0.00	83.41 2.51 0.00	81.65 4.62 0.00	79.56 5.76 0.00	67.84 4.91 0.00	61.72 4.25 0.00	58.00 3.69 0.00
EAST_PULASKI___ESR 323781	60.84 -0.61 0.00	50.19 -0.51 0.00	47.65 -0.53 0.00	48.48 -0.69 0.00	54.79 -0.95 0.00	54.47 -0.94 0.00	55.22 -0.90 0.00	58.09 -1.19 0.00	60.03 -1.29 0.00	59.92 -1.16 0.00	55.88 -0.85 0.00	55.24 -0.90 0.00	57.82 -1.00 0.00	61.61 -1.20 0.00	63.59 -1.37 0.00	68.00 -1.53 0.00	75.88 -1.31 0.00	85.19 -1.21 0.00	80.09 -0.81 0.00	76.57 -0.46 0.00	73.36 -0.44 0.00	62.49 -0.44 0.00	57.01 -0.46 0.00	54.04 -0.27 0.00
EAST_RIVER___1 323558	73.15 4.48 -7.22	64.99 3.50 -10.79	61.11 3.42 -9.51	59.54 3.29 -7.08	60.85 3.34 -1.77	61.08 3.10 -2.57	62.63 3.48 -3.02	62.83 3.56 0.00	65.36 4.05 0.00	65.36 4.27 0.00	60.87 4.14 0.00	60.79 4.66 0.00	63.70 4.88 0.00	68.08 5.28 0.00	70.68 5.72 0.00	75.44 5.91 0.00	83.44 6.25 0.00	94.35 7.94 0.00	87.53 6.64 0.00	81.65 4.62 0.00	78.15 4.35 0.00	66.83 3.90 0.00	61.26 3.79 0.00	57.83 3.53 0.00
EAST_RIVER___2 323559	73.09 4.43 -7.22	64.94 3.45 -10.79	61.06 3.37 -9.51	59.54 3.29 -7.08	60.79 3.29 -1.77	60.97 2.99 -2.57	62.57 3.42 -3.02	62.77 3.50 0.00	65.30 3.98 0.00	65.30 4.21 0.00	60.87 4.14 0.00	60.74 4.60 0.00	63.64 4.82 0.00	68.08 5.28 0.00	70.61 5.65 0.00	75.37 5.84 0.00	83.44 6.25 0.00	94.27 7.86 0.00	87.53 6.64 0.00	81.65 4.62 0.00	78.08 4.28 0.00	66.83 3.90 0.00	61.26 3.79 0.00	57.83 3.53 0.00
EAST___DELAWARE_HYD 23607	72.77 4.30 -7.02	64.48 3.29 -10.49	60.56 3.13 -9.25	59.10 3.05 -6.88	60.63 3.18 -1.72	60.95 3.05 -2.50	62.32 3.25 -2.94	62.41 3.14 0.00	64.75 3.43 0.00	64.56 3.48 0.00	60.02 3.29 0.00	59.56 3.42 0.00	62.41 3.59 0.00	66.88 4.08 0.00	69.09 4.55 0.41	73.93 4.94 0.55	82.07 5.63 0.75	93.57 7.17 0.00	87.37 6.47 0.00	82.19 5.16 0.00	78.60 4.79 0.00	66.90 3.97 0.00	61.03 3.56 0.00	57.40 3.09 0.00
EIGHT_POINT___WT_PWR 323820	61.16 -1.91 -1.61	51.69 -1.42 -2.41	48.95 -1.35 -2.12	49.23 -1.52 -1.58	53.74 -2.40 -0.39	53.88 -2.11 -0.57	54.78 -2.02 -0.67	56.25 -3.02 0.00	58.07 -3.25 0.00	58.28 -2.81 0.00	55.26 -1.48 0.00	54.68 -1.46 0.00	57.70 -1.12 0.00	61.55 -1.26 0.00	63.47 -1.49 0.00	68.00 -1.53 0.00	76.96 -0.23 0.00	86.32 -0.09 0.00	81.71 0.81 0.00	78.42 1.39 0.00	74.61 0.81 0.00	62.68 -0.25 0.00	57.24 -0.23 0.00	54.41 0.11 0.00
ELBRIDGE_115KV_TB2 80188	60.59 -0.86 0.00	49.99 -0.71 0.00	47.46 -0.72 0.00	48.34 -0.84 0.00	54.51 -1.23 0.00	54.25 -1.16 0.00	55.00 -1.12 0.00	57.85 -1.42 0.00	59.85 -1.47 0.00	59.74 -1.34 0.00	55.65 -1.08 0.00	55.18 -0.95 0.00	57.88 -0.94 0.00	61.74 -1.07 0.00	63.85 -1.10 0.00	68.35 -1.18 0.00	76.34 -0.85 0.00	85.63 -0.78 0.00	80.33 -0.57 0.00	76.41 -0.62 0.00	73.14 -0.66 0.00	62.05 -0.88 0.00	56.72 -0.75 0.00	53.49 -0.81 0.00
ELEC_TRO_TEK 24086	102.48 5.22 -35.81	78.77 4.16 -23.91	67.65 3.95 -15.51	60.18 3.93 -7.08	61.57 4.07 -1.77	61.91 3.93 -2.57	63.36 4.21 -3.02	63.48 4.21 0.00	65.98 4.66 0.00	65.91 4.83 0.00	61.44 4.71 0.00	63.49 4.83 -2.53	75.07 5.06 -11.19	76.66 5.59 -8.27	77.86 5.91 -6.99	79.59 6.19 -3.87	83.91 6.72 0.00	122.26 8.29 -27.57	106.14 7.28 -17.96	110.22 5.32 -27.88	78.91 5.09 -0.02	77.08 4.66 -9.50	62.01 4.54 0.00	58.27 3.96 0.00
ELLENBURG_WT_PWR 323604	59.85 -1.60 0.00	49.48 -1.22 0.00	47.08 -1.11 0.00	48.19 -0.98 0.00	55.12 -0.61 0.00	54.91 -0.50 0.00	55.90 -0.22 0.00	59.69 0.42 0.00	61.75 0.43 0.00	61.08 0.00 0.00	56.62 -0.11 0.00	56.02 -0.11 0.00	58.70 -0.12 0.00	62.55 -0.25 0.00	64.57 -0.39 0.00	68.91 -0.63 0.00	76.27 -0.92 0.00	85.11 -1.29 0.00	79.69 -1.21 0.00	76.57 -0.46 0.00	73.51 -0.29 0.00	62.99 0.06 0.00	57.87 0.41 0.00	54.69 0.38 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	59.55 -3.13 -1.24	50.06 -2.48 -1.85	47.40 -2.41 -1.63	47.53 -2.85 -1.21	51.75 -4.29 -0.30	51.69 -4.16 -0.44	52.32 -4.32 -0.52	53.47 -5.81 0.00	55.37 -5.95 0.00	56.01 -5.07 0.00	53.16 -3.57 0.00	53.39 -2.75 0.00	56.64 -2.18 0.00	59.91 -2.89 0.00	61.97 -2.99 0.00	66.33 -3.20 0.00	75.11 -2.08 0.00	84.07 -2.33 0.00	79.12 -1.78 0.00	75.18 -1.85 0.00	71.44 -2.36 0.00	59.28 -3.65 0.00	54.65 -2.82 0.00	51.86 -2.44 0.00
EMPIRE_CC_1 323656	76.10 2.46 -12.18	71.35 2.43 -18.22	66.60 2.36 -16.06	63.58 2.46 -11.95	61.45 2.73 -2.98	62.40 2.66 -4.33	63.98 2.75 -5.11	61.58 2.31 0.00	63.65 2.33 0.00	63.28 2.20 0.00	57.86 1.13 0.00	57.15 1.01 0.00	59.88 1.06 0.00	63.93 1.13 0.00	66.26 1.30 0.00	71.06 1.53 0.00	78.81 1.62 0.00	88.47 2.07 0.00	82.84 1.94 0.00	78.19 1.16 0.00	74.98 1.18 0.00	64.12 1.19 0.00	58.51 1.04 0.00	55.39 1.09 0.00
EMPIRE_CC_2 323658	76.10 2.46 -12.18	71.35 2.43 -18.22	66.60 2.36 -16.06	63.58 2.46 -11.95	61.45 2.73 -2.98	62.40 2.66 -4.33	63.98 2.75 -5.11	61.58 2.31 0.00	63.65 2.33 0.00	63.28 2.20 0.00	57.86 1.13 0.00	57.15 1.01 0.00	59.88 1.06 0.00	63.93 1.13 0.00	66.26 1.30 0.00	71.06 1.53 0.00	78.81 1.62 0.00	88.47 2.07 0.00	82.84 1.94 0.00	78.19 1.16 0.00	74.98 1.18 0.00	64.12 1.19 0.00	58.51 1.04 0.00	55.39 1.09 0.00
ENORWICH_115KV_TB1 80156	68.59 3.87 -3.27	58.78 3.19 -4.89	55.38 2.89 -4.30	55.18 2.80 -3.20	59.32 2.79 -0.80	59.62 3.05 -1.16	60.86 3.37 -1.37	62.36 3.08 0.00	64.20 2.88 0.00	63.77 2.69 0.00	59.23 2.50 0.00	58.61 2.47 0.00	61.17 2.35 0.00	65.00 2.20 0.00	67.23 2.27 0.00	72.25 2.71 0.00	81.59 4.40 0.00	92.19 5.79 0.00	86.88 5.99 0.00	83.35 6.32 0.00	79.93 6.13 0.00	67.65 4.72 0.00	61.38 3.91 0.00	57.89 3.58 0.00
ERIE_ST__34_KV_TB1-2 80199	59.79 -2.95 -1.29	50.24 -2.38 -1.93	47.52 -2.36 -1.70	47.63 -2.80 -1.26	51.87 -4.18 -0.32	51.88 -3.99 -0.46	52.62 -4.04 -0.54	53.88 -5.39 0.00	55.86 -5.46 0.00	56.50 -4.58 0.00	53.67 -3.06 0.00	53.89 -2.25 0.00	57.17 -1.65 0.00	60.67 -2.14 0.00	62.82 -2.14 0.00	67.31 -2.23 0.00	76.26 -0.93 0.00	85.28 -1.12 0.00	80.33 -0.57 0.00	76.18 -0.85 0.00	72.33 -1.48 0.00	59.91 -3.02 0.00	55.11 -2.36 0.00	52.13 -2.17 0.00
ERIE_WT_PWR 323693	59.83 -2.89 -1.27	50.32 -2.28 -1.90	47.59 -2.26 -1.67	47.76 -2.66 -1.25	51.92 -4.12 -0.31	51.93 -3.93 -0.45	52.61 -4.04 -0.53	53.76 -5.51 0.00	55.74 -5.58 0.00	56.38 -4.70 0.00	54.07 -2.67 0.00	53.72 -2.41 0.00	57.00 -1.82 0.00	60.48 -2.32 0.00	62.36 -2.60 0.00	66.82 -2.71 0.00	75.88 -1.31 0.00	84.59 -1.82 0.00	79.77 -1.13 0.00	76.18 -0.85 0.00	71.96 -1.84 0.00	60.41 -2.52 0.00	55.34 -2.13 0.00	52.95 -1.36 0.00
ESPRGFLD_115KV_TB1 80157	86.01 3.32 -21.24	85.00 2.53 -31.77	78.53 2.36 -27.99	72.37 2.36 -20.84	63.56 2.62 -5.20	65.73 2.77 -7.55	67.77 2.75 -8.90	61.53 2.25 0.00	63.34 2.02 0.00	62.80 1.71 0.00	58.32 1.59 0.00	57.65 1.52 0.00	60.23 1.41 0.00	64.25 1.44 0.00	66.52 1.56 0.00	71.34 1.81 0.00	79.58 2.39 0.00	90.03 3.63 0.00	84.62 3.72 0.00	80.96 3.93 0.00	77.86 4.06 0.00	66.20 3.27 0.00	60.29 2.82 0.00	56.70 2.39 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	64.08 0.80 -1.83	54.05 0.61 -2.74	51.13 0.53 -2.41	51.36 0.39 -1.80	56.35 0.17 -0.45	56.28 0.22 -0.65	57.23 0.34 -0.77	59.21 -0.06 0.00	61.20 -0.12 0.00	60.96 -0.12 0.00	56.84 0.11 0.00	56.30 0.17 0.00	59.06 0.24 0.00	62.99 0.19 0.00	65.09 0.13 0.00	69.74 0.21 0.00	78.12 0.93 0.00	87.87 1.47 0.00	82.68 1.78 0.00	78.72 1.69 0.00	75.35 1.55 0.00	63.81 0.88 0.00	58.22 0.75 0.00	54.85 0.54 0.00
ETNA____115KV_TB2 80207	64.08 0.80 -1.83	54.05 0.61 -2.74	51.13 0.53 -2.41	51.36 0.39 -1.80	56.35 0.17 -0.45	56.28 0.22 -0.65	57.23 0.34 -0.77	59.21 -0.06 0.00	61.20 -0.12 0.00	60.96 -0.12 0.00	56.84 0.11 0.00	56.30 0.17 0.00	59.06 0.24 0.00	62.99 0.19 0.00	65.09 0.13 0.00	69.74 0.21 0.00	78.12 0.93 0.00	87.87 1.47 0.00	82.68 1.78 0.00	78.72 1.69 0.00	75.35 1.55 0.00	63.81 0.88 0.00	58.22 0.75 0.00	54.85 0.54 0.00
EUCLID__115KV_TB2 356179	60.34 -1.11 0.00	49.79 -0.91 0.00	47.27 -0.92 0.00	48.14 -1.03 0.00	54.34 -1.39 0.00	54.02 -1.39 0.00	54.83 -1.29 0.00	57.67 -1.60 0.00	59.66 -1.66 0.00	59.56 -1.53 0.00	55.48 -1.25 0.00	55.01 -1.12 0.00	57.70 -1.12 0.00	61.55 -1.26 0.00	63.66 -1.30 0.00	68.14 -1.39 0.00	76.03 -1.16 0.00	85.19 -1.21 0.00	79.93 -0.97 0.00	75.95 -1.08 0.00	72.69 -1.11 0.00	61.73 -1.20 0.00	56.38 -1.09 0.00	53.22 -1.09 0.00
E_CANADA_CAP_HY 24051	92.64 4.36 -26.83	94.22 3.40 -40.12	86.71 3.18 -35.35	78.68 3.19 -26.31	65.88 3.57 -6.57	68.66 3.71 -9.54	70.90 3.54 -11.24	62.18 2.90 0.00	63.65 2.33 0.00	62.79 1.71 0.00	58.04 1.31 0.00	57.20 1.06 0.00	59.82 1.00 0.00	63.80 1.00 0.00	65.99 1.04 0.00	70.92 1.39 0.00	78.73 1.54 0.00	89.43 3.02 0.00	84.45 3.56 0.00	81.34 4.31 0.00	78.53 4.73 0.00	67.02 4.09 0.00	60.98 3.51 0.00	57.35 3.04 0.00
E_CANADA_MHWK_HY 24050	61.94 0.49 0.00	51.10 0.40 0.00	48.57 0.38 0.00	49.66 0.49 0.00	56.35 0.61 0.00	56.18 0.78 0.00	57.07 0.95 0.00	60.22 0.95 0.00	62.42 1.10 0.00	62.24 1.16 0.00	57.81 1.08 0.00	57.20 1.06 0.00	59.93 1.11 0.00	63.93 1.13 0.00	66.13 1.17 0.00	70.58 1.04 0.00	78.58 1.39 0.00	88.04 1.64 0.00	82.36 1.46 0.00	78.34 1.31 0.00	75.13 1.33 0.00	64.25 1.32 0.00	58.62 1.15 0.00	55.45 1.14 0.00
E_FISHKILL__LBMP 23776	72.35 3.50 -7.40	64.50 2.74 -11.07	60.58 2.65 -9.75	59.09 2.66 -7.26	60.28 2.73 -1.81	60.70 2.66 -2.63	62.03 2.81 -3.10	61.94 2.67 0.00	64.32 3.00 0.00	64.14 3.05 0.00	59.68 2.95 0.00	59.11 2.98 0.00	61.94 3.12 0.00	66.32 3.52 0.00	68.79 3.83 0.00	73.64 4.10 0.00	81.51 4.32 0.00	91.93 5.53 0.00	85.75 4.85 0.00	80.26 3.24 0.00	76.97 3.17 0.00	65.89 2.96 0.00	60.17 2.70 0.00	56.75 2.44 0.00
FALCON__SEABRD_CC1 323796	60.47 -0.99 0.00	49.94 -0.76 0.00	47.51 -0.67 0.00	48.68 -0.49 0.00	55.68 -0.06 0.00	55.47 0.06 0.00	56.46 0.34 0.00	60.34 1.07 0.00	62.42 1.10 0.00	61.27 0.18 0.00	56.62 -0.11 0.00	56.02 -0.11 0.00	58.70 -0.12 0.00	62.61 -0.19 0.00	64.57 -0.39 0.00	68.91 -0.63 0.00	76.34 -0.85 0.00	85.19 -1.21 0.00	79.77 -1.13 0.00	76.72 -0.31 0.00	73.65 -0.15 0.00	63.37 0.44 0.00	58.51 1.04 0.00	55.34 1.03 0.00
FALCON__SEABRD_CC2 323797	60.47 -0.99 0.00	49.94 -0.76 0.00	47.51 -0.67 0.00	48.68 -0.49 0.00	55.68 -0.06 0.00	55.47 0.06 0.00	56.46 0.34 0.00	60.34 1.07 0.00	62.42 1.10 0.00	61.27 0.18 0.00	56.62 -0.11 0.00	56.02 -0.11 0.00	58.70 -0.12 0.00	62.61 -0.19 0.00	64.57 -0.39 0.00	68.91 -0.63 0.00	76.34 -0.85 0.00	85.19 -1.21 0.00	79.77 -1.13 0.00	76.72 -0.31 0.00	73.65 -0.15 0.00	63.37 0.44 0.00	58.51 1.04 0.00	55.34 1.03 0.00

FAR ROCKAWAY___4 23548	103.89 6.64 -35.81	79.89 5.27 -23.91	68.61 4.91 -15.51	61.17 4.92 -7.08	62.69 5.18 -1.77	62.96 4.99 -2.57	64.37 5.22 -3.02	64.55 5.28 0.00	67.08 5.76 0.00	67.07 5.99 0.00	62.63 5.90 0.00	64.73 6.06 -2.53	76.42 6.41 -11.19	78.11 7.03 -8.27	79.42 7.47 -6.99	81.33 7.93 -3.87	85.92 8.72 0.00	164.77 10.71 -67.65	134.82 9.55 -44.38	151.99 7.47 -67.48	80.83 7.01 -0.02	78.59 6.17 -9.50	63.27 5.80 0.00	59.41 5.10 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	73.15 4.49 -7.22	64.99 3.50 -10.79	61.06 3.37 -9.51	59.54 3.29 -7.08	60.85 3.34 -1.77	61.08 3.10 -2.57	62.63 3.48 -3.02	62.89 3.62 0.00	65.36 4.05 0.00	65.36 4.28 0.00	61.10 4.37 0.00	60.80 4.66 0.00	63.70 4.88 0.00	68.14 5.34 0.00	70.68 5.72 0.00	75.44 5.91 0.00	83.44 6.25 0.00	94.27 7.86 0.00	87.61 6.71 0.00	81.65 4.62 0.00	78.16 4.35 0.00	67.02 4.09 0.00	61.38 3.91 0.00	58.00 3.69 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	73.15 4.49 -7.22	64.99 3.50 -10.79	61.11 3.42 -9.51	59.59 3.34 -7.08	60.85 3.34 -1.77	61.08 3.10 -2.57	62.63 3.48 -3.02	62.89 3.62 0.00	65.36 4.05 0.00	65.36 4.28 0.00	61.10 4.37 0.00	60.80 4.66 0.00	63.70 4.88 0.00	68.14 5.34 0.00	70.68 5.72 0.00	75.44 5.91 0.00	83.44 6.25 0.00	94.27 7.86 0.00	87.61 6.71 0.00	81.65 4.62 0.00	78.16 4.35 0.00	67.08 4.15 0.00	61.38 3.91 0.00	58.00 3.69 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	73.09 4.42 -7.22	64.94 3.45 -10.79	61.06 3.37 -9.51	59.54 3.29 -7.08	60.79 3.29 -1.77	61.02 3.05 -2.57	62.57 3.42 -3.02	62.83 3.56 0.00	65.30 3.99 0.00	65.30 4.21 0.00	61.04 4.31 0.00	60.74 4.60 0.00	63.64 4.82 0.00	68.08 5.28 0.00	70.61 5.65 0.00	75.37 5.84 0.00	83.37 6.18 0.00	94.18 7.78 0.00	87.53 6.63 0.00	81.50 4.47 0.00	78.01 4.21 0.00	66.96 4.03 0.00	61.32 3.85 0.00	57.94 3.64 0.00
FARRAGUT___LBMP 323566	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.74 3.23 -1.77	61.02 3.05 -2.57	62.51 3.37 -3.02	62.77 3.50 0.00	65.24 3.92 0.00	65.24 4.15 0.00	60.93 4.20 0.00	60.68 4.55 0.00	63.53 4.71 0.00	68.02 5.21 0.00	70.48 5.52 0.00	75.24 5.70 0.00	83.29 6.10 0.00	94.09 7.69 0.00	87.45 6.55 0.00	81.42 4.39 0.00	77.93 4.13 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.89 3.58 0.00
FENNER___WINDPWR 24204	62.68 1.23 0.00	51.66 0.96 0.00	49.05 0.87 0.00	49.96 0.78 0.00	56.46 0.72 0.00	56.18 0.78 0.00	57.02 0.90 0.00	59.99 0.71 0.00	62.06 0.74 0.00	61.82 0.74 0.00	57.52 0.79 0.00	56.86 0.73 0.00	59.53 0.71 0.00	63.43 0.63 0.00	65.54 0.58 0.00	70.23 0.70 0.00	78.50 1.31 0.00	88.13 1.73 0.00	82.68 1.78 0.00	78.96 1.93 0.00	75.65 1.85 0.00	64.31 1.38 0.00	58.56 1.09 0.00	55.28 0.98 0.00
FIBERTEK___ENERGY 23856	60.65 -0.80 0.00	50.04 -0.66 0.00	47.51 -0.67 0.00	48.34 -0.84 0.00	54.57 -1.17 0.00	54.25 -1.16 0.00	55.06 -1.07 0.00	57.91 -1.36 0.00	59.91 -1.41 0.00	59.80 -1.28 0.00	55.71 -1.02 0.00	55.24 -0.90 0.00	57.94 -0.88 0.00	61.80 -1.00 0.00	63.85 -1.10 0.00	68.35 -1.18 0.00	76.34 -0.85 0.00	85.54 -0.86 0.00	80.33 -0.57 0.00	76.41 -0.62 0.00	73.06 -0.74 0.00	62.11 -0.82 0.00	57.01 -0.46 0.00	53.76 -0.54 0.00
FITZPATRICK___ 23598	59.48 -1.97 0.00	49.13 -1.57 0.00	46.64 -1.54 0.00	47.50 -1.67 0.00	53.68 -2.06 0.00	53.42 -1.99 0.00	54.16 -1.97 0.00	57.02 -2.25 0.00	58.99 -2.33 0.00	58.83 -2.26 0.00	54.80 -1.93 0.00	54.28 -1.85 0.00	56.88 -1.94 0.00	60.73 -2.07 0.00	62.82 -2.14 0.00	67.24 -2.29 0.00	74.95 -2.24 0.00	83.90 -2.51 0.00	78.72 -2.18 0.00	74.95 -2.08 0.00	71.66 -2.14 0.00	60.98 -1.95 0.00	55.69 -1.78 0.00	52.62 -1.68 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	73.48 4.67 -7.36	65.35 3.65 -11.00	61.35 3.47 -9.69	59.83 3.44 -7.22	61.11 3.57 -1.80	61.52 3.49 -2.62	62.85 3.65 -3.08	62.83 3.56 0.00	65.24 3.92 0.00	65.12 4.03 0.00	60.53 3.80 0.00	59.95 3.82 0.00	62.88 4.06 0.00	67.39 4.58 0.00	69.90 4.94 0.00	74.89 5.35 0.00	83.06 5.87 0.00	93.75 7.34 0.00	87.45 6.55 0.00	81.88 4.85 0.00	78.45 4.65 0.00	67.02 4.09 0.00	61.15 3.68 0.00	57.62 3.31 0.00
FORT ORANGE___ 23900	81.96 2.21 -18.30	79.99 1.93 -27.36	74.17 1.88 -24.11	69.04 1.92 -17.95	62.33 2.12 -4.48	64.02 2.11 -6.51	65.87 2.08 -7.67	61.11 1.84 0.00	62.91 1.59 0.00	62.49 1.41 0.00	57.52 0.79 0.00	56.81 0.68 0.00	59.53 0.71 0.00	63.30 0.50 0.00	64.77 0.65 0.84	69.27 0.84 1.11	76.35 0.69 1.53	87.52 1.12 0.00	81.94 1.05 0.00	77.49 0.46 0.00	74.46 0.66 0.00	63.69 0.76 0.00	58.16 0.69 0.00	55.22 0.92 0.00
FORT_DRUM_COGEN 23780	63.36 1.90 0.00	52.17 1.47 0.00	49.48 1.30 0.00	50.30 1.13 0.00	56.96 1.23 0.00	56.85 1.44 0.00	57.69 1.57 0.00	60.82 1.54 0.00	62.79 1.47 0.00	62.43 1.34 0.00	57.92 1.19 0.00	57.09 0.95 0.00	59.53 0.71 0.00	63.18 0.38 0.00	64.89 -0.06 0.00	69.39 -0.14 0.00	77.88 0.69 0.00	87.79 1.38 0.00	82.68 1.78 0.00	80.03 3.00 0.00	77.12 3.32 0.00	65.76 2.83 0.00	59.77 2.30 0.00	56.42 2.12 0.00
FOX_HILLS___ESR 323835	72.67 3.99 -7.22	64.54 3.04 -10.80	60.77 3.08 -9.51	56.46 3.05 -4.24	56.27 2.84 2.31	56.04 2.44 1.81	55.98 2.75 2.89	58.00 2.79 4.06	59.09 3.13 5.36	64.51 3.42 0.00	60.99 4.25 0.00	61.02 4.88 0.00	63.83 5.00 -0.01	67.83 5.02 -0.01	70.23 5.26 -0.01	75.03 5.49 -0.01	82.99 5.79 -0.01	93.76 7.34 -0.01	87.22 6.31 -0.01	81.26 4.24 0.01	77.70 3.91 0.01	66.72 3.78 -0.01	61.44 3.97 -0.01	58.43 4.13 0.00
FPL_FAR_ROCK_GT1 24212	103.90 6.64 -35.81	79.89 5.27 -23.92	68.62 4.92 -15.52	61.18 4.92 -7.09	62.70 5.18 -1.78	62.98 4.99 -2.58	64.37 5.22 -3.03	64.56 5.27 -0.01	67.09 5.76 -0.01	67.08 5.99 -0.01	62.53 5.79 -0.01	64.73 6.06 -2.53	76.42 6.41 -11.19	78.11 7.03 -8.28	79.42 7.47 -6.99	81.33 7.92 -3.87	85.92 8.72 -0.01	164.77 10.71 -67.65	134.74 9.46 -44.38	152.07 7.55 -67.48	80.84 7.01 -0.02	78.47 6.04 -9.50	63.22 5.75 -0.01	59.36 5.05 0.00
FPL_FAR_ROCK_GT2 23815	103.90 6.64 -35.81	79.89 5.27 -23.92	68.62 4.92 -15.52	61.18 4.92 -7.09	62.70 5.18 -1.78	62.98 4.99 -2.58	64.37 5.22 -3.03	64.56 5.27 -0.01	67.09 5.76 -0.01	67.08 5.99 -0.01	62.53 5.79 -0.01	64.73 6.06 -2.53	76.42 6.41 -11.19	78.11 7.03 -8.28	79.42 7.47 -6.99	81.33 7.92 -3.87	85.92 8.72 -0.01	164.77 10.71 -67.65	134.74 9.46 -44.38	152.07 7.55 -67.48	80.84 7.01 -0.02	78.47 6.04 -9.50	63.22 5.75 -0.01	59.36 5.05 0.00
FRANKLIN_FALL_HYD 24054	60.77 -0.68 0.00	50.19 -0.51 0.00	47.70 -0.48 0.00	48.83 -0.34 0.00	55.85 0.11 0.00	55.63 0.22 0.00	56.68 0.56 0.00	60.52 1.24 0.00	62.54 1.23 0.00	62.00 0.92 0.00	57.47 0.74 0.00	56.81 0.67 0.00	59.53 0.71 0.00	63.31 0.50 0.00	65.22 0.26 0.00	69.53 0.00 0.00	77.11 -0.08 0.00	86.06 -0.35 0.00	80.57 -0.32 0.00	77.72 0.69 0.00	74.69 0.89 0.00	64.00 1.07 0.00	58.62 1.15 0.00	55.45 1.14 0.00

FREEPORT_EQUUS_GT1 23764	103.22 5.96 -35.81	79.33 4.72 -23.92	68.13 4.43 -15.51	60.64 4.37 -7.09	62.09 4.57 -1.78	62.36 4.38 -2.58	63.81 4.66 -3.03	64.03 4.74 -0.01	66.53 5.21 -0.01	66.47 5.38 -0.01	61.79 5.05 -0.01	64.05 5.39 -2.53	75.48 5.47 -11.19	77.05 5.97 -8.27	78.38 6.43 -6.99	80.22 6.82 -3.87	84.54 7.34 -0.01	112.56 8.99 -17.17	99.16 7.93 -10.33	102.05 6.01 -19.01	79.58 5.76 -0.02	77.65 5.22 -9.50	62.54 5.06 -0.01	58.70 4.40 0.00
FREEPORT___CT2 23818	103.22 5.96 -35.81	79.33 4.72 -23.92	68.13 4.43 -15.51	60.64 4.37 -7.09	62.09 4.57 -1.78	62.36 4.38 -2.58	63.81 4.66 -3.03	64.03 4.74 -0.01	66.53 5.21 -0.01	66.47 5.38 -0.01	61.79 5.05 -0.01	64.05 5.39 -2.53	75.48 5.47 -11.19	77.05 5.97 -8.27	78.38 6.43 -6.99	80.22 6.82 -3.87	84.54 7.34 -0.01	112.56 8.99 -17.17	99.16 7.93 -10.33	102.05 6.01 -19.01	79.58 5.76 -0.02	77.65 5.22 -9.50	62.54 5.06 -0.01	58.70 4.40 0.00
FRESHKLS_33_KV_LOAD 356253	72.73 4.06 -7.22	64.54 3.04 -10.80	60.73 3.04 -9.51	56.41 3.00 -4.24	56.22 2.79 2.31	55.98 2.38 1.81	55.92 2.69 2.89	57.95 2.73 4.06	59.09 3.13 5.36	64.44 3.36 0.00	61.04 4.31 0.00	61.08 4.94 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.43 5.46 -0.01	75.31 5.77 -0.01	83.22 6.02 -0.01	94.10 7.69 -0.01	87.54 6.63 -0.01	81.57 4.54 0.01	77.93 4.13 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.60 4.29 0.00
FULTON COGEN____ 23766	60.22 -1.23 0.00	49.74 -0.96 0.00	47.22 -0.96 0.00	48.04 -1.13 0.00	54.23 -1.50 0.00	53.91 -1.50 0.00	54.72 -1.40 0.00	57.56 -1.72 0.00	59.54 -1.78 0.00	59.44 -1.65 0.00	55.37 -1.36 0.00	54.84 -1.29 0.00	57.47 -1.35 0.00	61.36 -1.44 0.00	63.40 -1.56 0.00	67.86 -1.67 0.00	75.72 -1.47 0.00	84.94 -1.47 0.00	79.77 -1.13 0.00	75.80 -1.23 0.00	72.55 -1.25 0.00	61.61 -1.32 0.00	56.26 -1.21 0.00	53.17 -1.14 0.00
FULTON___LFGFE 323630	95.39 4.80 -29.14	98.09 3.80 -43.58	90.15 3.57 -38.40	81.35 3.59 -28.59	66.89 4.02 -7.14	69.87 4.10 -10.36	72.32 3.99 -12.22	62.71 3.44 0.00	64.26 2.94 0.00	63.41 2.32 0.00	58.60 1.87 0.00	57.76 1.63 0.00	60.41 1.59 0.00	64.43 1.63 0.00	66.71 1.75 0.00	71.69 2.16 0.00	79.73 2.54 0.00	90.47 4.06 0.00	85.26 4.37 0.00	81.96 4.93 0.00	79.04 5.24 0.00	67.27 4.34 0.00	61.26 3.79 0.00	57.62 3.31 0.00
G.F.CEMENT___DRP 24184	95.36 4.12 -29.79	98.49 3.24 -44.55	90.47 3.04 -39.25	81.44 3.05 -29.22	66.37 3.34 -7.29	69.38 3.38 -10.59	71.97 3.37 -12.49	62.42 3.14 0.00	64.45 3.13 0.00	63.77 2.69 0.00	58.55 1.82 0.00	57.71 1.57 0.00	60.29 1.47 0.00	64.44 1.63 0.00	66.65 1.69 0.00	71.69 2.16 0.00	79.74 2.55 0.00	90.03 3.63 0.00	84.94 4.04 0.00	80.80 3.77 0.00	77.93 4.13 0.00	66.33 3.40 0.00	60.34 2.87 0.00	56.80 2.50 0.00
GARDENVILLE___LBMP 24039	59.70 -3.01 -1.26	50.21 -2.38 -1.89	47.49 -2.36 -1.67	47.66 -2.75 -1.24	51.87 -4.18 -0.31	51.81 -4.04 -0.45	52.44 -4.21 -0.53	53.64 -5.63 0.00	55.55 -5.76 0.00	56.20 -4.89 0.00	53.33 -3.40 0.00	53.50 -2.64 0.00	56.82 -2.00 0.00	60.10 -2.70 0.00	62.17 -2.79 0.00	66.54 -2.99 0.00	75.34 -1.85 0.00	84.42 -1.99 0.00	79.44 -1.46 0.00	75.49 -1.54 0.00	71.73 -2.07 0.00	59.53 -3.40 0.00	54.88 -2.59 0.00	52.03 -2.28 0.00
GARDNVLA_35_KV_LD 355827	59.90 -2.83 -1.27	50.37 -2.23 -1.90	47.64 -2.22 -1.68	47.81 -2.61 -1.25	51.98 -4.07 -0.31	51.98 -3.88 -0.45	52.67 -3.98 -0.53	53.88 -5.39 0.00	55.80 -5.52 0.00	56.44 -4.64 0.00	53.61 -3.12 0.00	53.78 -2.36 0.00	57.11 -1.71 0.00	60.42 -2.39 0.00	62.49 -2.47 0.00	66.96 -2.57 0.00	75.80 -1.39 0.00	84.85 -1.56 0.00	79.93 -0.97 0.00	75.87 -1.16 0.00	72.10 -1.70 0.00	59.78 -3.15 0.00	55.11 -2.36 0.00	52.24 -2.06 0.00
GELCKHM___115KV_LOAD 80723	60.47 -0.98 0.00	49.89 -0.81 0.00	47.36 -0.82 0.00	48.19 -0.98 0.00	54.40 -1.34 0.00	54.14 -1.27 0.00	54.89 -1.23 0.00	57.73 -1.54 0.00	59.72 -1.59 0.00	59.62 -1.47 0.00	55.54 -1.19 0.00	55.07 -1.07 0.00	57.76 -1.06 0.00	61.67 -1.13 0.00	63.72 -1.23 0.00	68.21 -1.32 0.00	76.11 -1.08 0.00	85.37 -1.04 0.00	80.09 -0.81 0.00	76.11 -0.92 0.00	72.84 -0.96 0.00	61.86 -1.07 0.00	56.61 -0.86 0.00	53.44 -0.87 0.00
GENERAL___MILLS 23808	59.83 -2.89 -1.27	50.27 -2.33 -1.90	47.54 -2.31 -1.67	47.71 -2.70 -1.25	51.92 -4.12 -0.31	51.87 -3.99 -0.45	52.56 -4.10 -0.53	53.76 -5.51 0.00	55.68 -5.64 0.00	56.32 -4.76 0.00	53.44 -3.29 0.00	53.67 -2.47 0.00	56.94 -1.88 0.00	60.29 -2.51 0.00	62.36 -2.60 0.00	66.75 -2.78 0.00	75.57 -1.62 0.00	84.59 -1.81 0.00	79.68 -1.21 0.00	75.64 -1.39 0.00	71.96 -1.85 0.00	59.66 -3.27 0.00	55.00 -2.47 0.00	52.13 -2.17 0.00
GE_PLASTICS___DRP 24183	79.66 2.09 -16.12	76.63 1.83 -24.11	71.21 1.78 -21.24	66.85 1.87 -15.81	61.80 2.12 -3.95	63.19 2.05 -5.73	64.90 2.02 -6.76	61.05 1.78 0.00	62.97 1.66 0.00	62.67 1.59 0.00	57.87 1.13 0.00	57.15 1.01 0.00	59.82 1.00 0.00	63.24 0.44 0.00	50.58 0.45 14.84	50.58 0.63 19.58	50.58 0.46 27.08	87.12 0.78 0.06	81.40 0.57 0.06	77.03 0.00 0.00	74.02 0.22 0.00	63.37 0.44 0.00	57.75 0.34 0.06	54.79 0.54 0.06
GILBOA___1 23756	69.73 2.02 -6.25	61.67 1.62 -9.35	58.01 1.59 -8.24	57.22 1.92 -6.13	59.72 2.45 -1.53	60.01 2.38 -2.22	60.82 2.08 -2.62	60.76 1.48 0.00	62.91 1.59 0.00	62.67 1.59 0.00	58.09 1.36 0.00	57.43 1.29 0.00	60.11 1.29 0.00	64.25 1.45 0.00	66.58 1.62 0.00	71.27 1.74 0.00	78.97 1.78 0.00	88.82 2.42 0.00	83.00 2.10 0.00	78.42 1.39 0.00	75.28 1.48 0.00	64.25 1.32 0.00	58.62 1.15 0.00	55.34 1.03 0.00
GILBOA___2 23757	69.73 2.02 -6.25	61.67 1.62 -9.35	58.01 1.59 -8.24	57.22 1.92 -6.13	59.72 2.45 -1.53	60.01 2.38 -2.22	60.82 2.08 -2.62	60.76 1.48 0.00	62.91 1.59 0.00	62.67 1.59 0.00	58.09 1.36 0.00	57.43 1.29 0.00	60.11 1.29 0.00	64.25 1.45 0.00	66.58 1.62 0.00	71.27 1.74 0.00	78.97 1.78 0.00	88.82 2.42 0.00	83.00 2.10 0.00	78.42 1.39 0.00	75.28 1.48 0.00	64.25 1.32 0.00	58.62 1.15 0.00	55.34 1.03 0.00
GILBOA___3 23758	69.73 2.02 -6.25	61.67 1.62 -9.35	58.01 1.59 -8.24	57.22 1.92 -6.13	59.72 2.45 -1.53	60.01 2.38 -2.22	60.82 2.08 -2.62	60.76 1.48 0.00	62.91 1.59 0.00	62.67 1.59 0.00	58.09 1.36 0.00	57.43 1.29 0.00	60.11 1.29 0.00	64.25 1.45 0.00	66.58 1.62 0.00	71.27 1.74 0.00	78.97 1.78 0.00	88.82 2.42 0.00	83.00 2.10 0.00	78.42 1.39 0.00	75.28 1.48 0.00	64.25 1.32 0.00	58.62 1.15 0.00	55.34 1.03 0.00
GILBOA___4 23759	69.73 2.02 -6.25	61.67 1.62 -9.35	58.01 1.59 -8.24	57.22 1.92 -6.13	59.72 2.45 -1.53	60.01 2.38 -2.22	60.82 2.08 -2.62	60.76 1.48 0.00	62.91 1.59 0.00	62.67 1.59 0.00	58.09 1.36 0.00	57.43 1.29 0.00	60.11 1.29 0.00	64.25 1.45 0.00	66.58 1.62 0.00	71.27 1.74 0.00	78.97 1.78 0.00	88.82 2.42 0.00	83.00 2.10 0.00	78.42 1.39 0.00	75.28 1.48 0.00	64.25 1.32 0.00	58.62 1.15 0.00	55.34 1.03 0.00

GILBOA____ 23599	69.73 2.03 -6.25	61.67 1.62 -9.35	58.01 1.59 -8.24	57.22 1.92 -6.13	59.72 2.45 -1.53	60.02 2.38 -2.22	60.82 2.08 -2.62	60.76 1.48 0.00	62.91 1.59 0.00	62.67 1.59 0.00	58.15 1.42 0.00	57.43 1.29 0.00	60.11 1.29 0.00	64.31 1.51 0.00	66.58 1.62 0.00	71.27 1.74 0.00	78.97 1.78 0.00	88.82 2.42 0.00	83.00 2.10 0.00	78.42 1.39 0.00	75.28 1.48 0.00	64.31 1.38 0.00	58.68 1.21 0.00	55.39 1.09 0.00
GINNA____ 23603	57.70 -3.75 0.00	47.60 -3.09 0.00	45.15 -3.03 0.00	45.83 -3.35 0.00	51.33 -4.40 0.00	51.09 -4.32 0.00	51.80 -4.32 0.00	54.18 -5.10 0.00	56.17 -5.15 0.00	56.32 -4.76 0.00	53.04 -3.69 0.00	52.60 -3.53 0.00	55.41 -3.41 0.00	58.85 -3.95 0.00	60.74 -4.22 0.00	65.01 -4.52 0.00	73.26 -3.93 0.00	82.09 -4.32 0.00	76.94 -3.96 0.00	73.64 -3.39 0.00	70.04 -3.76 0.00	59.28 -3.65 0.00	54.13 -3.33 0.00	51.27 -3.04 0.00
GLEN PARK____ 23778	63.79 2.33 0.00	52.52 1.82 0.00	49.77 1.59 0.00	50.55 1.37 0.00	57.24 1.51 0.00	57.13 1.72 0.00	57.97 1.85 0.00	61.05 1.78 0.00	63.03 1.71 0.00	62.67 1.59 0.00	58.15 1.42 0.00	57.32 1.18 0.00	59.70 0.88 0.00	63.30 0.50 0.00	65.02 0.07 0.00	69.53 0.00 0.00	78.19 1.00 0.00	88.13 1.73 0.00	83.08 2.19 0.00	80.65 3.62 0.00	77.64 3.84 0.00	66.26 3.33 0.00	60.11 2.65 0.00	56.81 2.50 0.00
GLENDALE_27_KV_LOAD 356172	71.35 4.36 -5.53	64.83 3.35 -10.79	61.16 3.47 -9.51	59.69 3.44 -7.08	60.79 3.29 -1.77	60.97 2.99 -2.57	62.57 3.42 -3.02	62.77 3.50 0.00	65.18 3.86 0.00	65.18 4.09 0.00	61.50 4.77 0.00	61.30 5.16 0.00	63.99 5.18 0.00	68.08 5.28 0.00	70.48 5.52 0.00	73.77 5.70 1.47	81.36 6.02 1.85	92.13 7.60 1.87	85.09 6.47 2.28	69.52 4.39 11.90	68.57 4.21 9.44	66.95 4.03 0.00	61.61 4.14 0.00	58.49 4.18 0.00
GLENWOOD_IC_1_G5 23712	102.11 4.85 -35.81	78.42 3.80 -23.91	67.65 3.95 -15.51	60.14 3.88 -7.08	61.52 4.01 -1.77	61.85 3.88 -2.57	63.30 4.15 -3.02	63.48 4.21 0.00	65.98 4.66 0.00	65.97 4.89 0.00	61.21 4.48 0.00	63.32 4.66 -2.53	74.95 4.94 -11.19	76.54 5.46 -8.27	77.73 5.78 -6.99	79.52 6.12 -3.87	83.75 6.56 0.00	108.88 8.21 -14.26	97.17 7.12 -9.16	96.92 5.08 -14.81	78.69 4.87 -0.02	76.83 4.41 -9.50	61.61 4.14 0.00	58.32 4.02 0.00
GLENWOOD_IC_2_G1 23688	101.99 4.73 -35.81	78.31 3.70 -23.91	67.31 3.62 -15.51	59.80 3.54 -7.09	61.19 3.68 -1.78	61.48 3.49 -2.58	62.92 3.76 -3.03	63.08 3.80 -0.01	65.55 4.23 -0.01	65.49 4.40 -0.01	60.94 4.20 -0.01	63.21 4.55 -2.53	74.77 4.76 -11.19	76.28 5.21 -8.27	77.54 5.59 -6.99	79.31 5.91 -3.87	83.53 6.33 -0.01	102.01 7.94 -7.66	92.76 6.80 -5.07	89.85 5.00 -7.82	78.55 4.73 -0.02	76.58 4.15 -9.50	61.44 3.96 -0.01	57.89 3.58 0.00
GLENWOOD_IC_3_G1 23689	101.99 4.73 -35.81	78.31 3.70 -23.91	67.31 3.62 -15.51	59.80 3.54 -7.09	61.19 3.68 -1.78	61.48 3.49 -2.58	62.92 3.76 -3.03	63.08 3.80 -0.01	65.55 4.23 -0.01	65.49 4.40 -0.01	60.94 4.20 -0.01	63.21 4.55 -2.53	74.77 4.76 -11.19	76.28 5.21 -8.27	77.54 5.59 -6.99	79.31 5.91 -3.87	83.53 6.33 -0.01	102.01 7.94 -7.66	92.76 6.80 -5.07	89.85 5.00 -7.82	78.55 4.73 -0.02	76.58 4.15 -9.50	61.44 3.96 -0.01	57.89 3.58 0.00
GLENWOOD____4 23550	102.30 5.04 -35.81	78.57 3.95 -23.91	67.65 3.95 -15.51	60.14 3.88 -7.08	61.52 4.01 -1.77	61.85 3.88 -2.57	63.30 4.15 -3.02	63.48 4.21 0.00	65.98 4.66 0.00	65.97 4.89 0.00	61.33 4.60 0.00	63.49 4.83 -2.53	75.07 5.06 -11.19	76.66 5.59 -8.27	77.92 5.98 -6.99	79.66 6.26 -3.87	83.98 6.79 0.00	109.05 8.38 -14.26	97.42 7.36 -9.16	97.15 5.32 -14.81	78.84 5.02 -0.02	77.02 4.59 -9.50	61.72 4.25 0.00	58.32 4.02 0.00
GLENWOOD____5 23614	102.30 5.04 -35.81	78.57 3.95 -23.91	67.65 3.95 -15.51	60.14 3.88 -7.08	61.52 4.01 -1.77	61.85 3.88 -2.57	63.30 4.15 -3.02	63.48 4.21 0.00	65.98 4.66 0.00	65.97 4.89 0.00	61.33 4.60 0.00	63.49 4.83 -2.53	75.07 5.06 -11.19	76.66 5.59 -8.27	77.92 5.98 -6.99	79.66 6.26 -3.87	83.98 6.79 0.00	109.05 8.38 -14.26	97.42 7.36 -9.16	97.15 5.32 -14.81	78.84 5.02 -0.02	77.02 4.59 -9.50	61.72 4.25 0.00	58.32 4.02 0.00
GLOBAL GREEN_PORT_GT1 23814	105.19 7.93 -35.81	80.95 6.34 -23.91	69.52 5.83 -15.51	61.72 5.46 -7.09	63.03 5.52 -1.78	63.64 5.65 -2.57	64.77 5.61 -3.03	65.27 5.98 -0.01	68.37 7.05 -0.01	68.60 7.51 -0.01	63.89 7.15 -0.01	66.41 7.75 -2.53	78.30 8.30 -11.19	80.49 9.42 -8.27	82.02 10.07 -6.99	84.25 10.84 -3.88	92.06 11.57 -3.30	114.58 14.25 -13.92	121.46 13.27 -27.29	96.09 11.17 -7.90	84.38 10.55 -0.03	81.05 8.62 -9.50	65.23 7.76 -0.01	60.93 6.62 0.00
GLOBE____DSASP 323697	58.61 -3.99 -1.16	49.28 -3.14 -1.73	46.67 -3.04 -1.52	46.76 -3.54 -1.13	50.89 -5.13 -0.28	50.78 -5.04 -0.41	50.66 -5.95 -0.48	51.57 -7.71 0.00	53.41 -7.91 0.00	54.06 -7.02 0.00	51.28 -5.45 0.00	51.59 -4.55 0.00	54.76 -4.06 0.00	57.72 -5.09 0.00	59.70 -5.26 0.00	63.76 -5.77 0.00	72.17 -5.02 0.00	80.79 -5.62 0.00	75.96 -4.93 0.00	72.25 -4.78 0.00	68.78 -5.02 0.00	57.08 -5.85 0.00	52.76 -4.71 0.00	50.18 -4.13 0.00
GOETHSLN____LBMP 323567	72.60 3.93 -7.22	64.53 3.04 -10.79	60.67 2.99 -9.50	56.30 2.90 -4.23	56.26 2.84 2.31	56.25 2.66 1.82	56.25 3.03 2.90	58.29 3.08 4.06	59.50 3.56 5.37	64.86 3.79 0.02	60.58 3.86 0.01	60.29 4.15 0.00	63.17 4.35 0.00	67.64 4.84 0.00	70.09 5.13 0.00	74.82 5.28 0.00	82.83 5.63 0.00	93.58 7.17 0.00	86.97 6.07 0.00	80.86 3.85 0.02	77.40 3.62 0.02	66.52 3.59 0.00	60.98 3.51 0.00	57.67 3.37 0.00
GOLAH____69_KV_TB 1_2 80279	61.07 -1.29 -0.91	50.99 -1.06 -1.36	48.27 -1.11 -1.20	48.54 -1.52 -0.89	53.51 -2.45 -0.22	53.35 -2.38 -0.32	54.03 -2.47 -0.38	55.84 -3.44 0.00	57.70 -3.62 0.00	57.91 -3.18 0.00	54.46 -2.27 0.00	54.34 -1.80 0.00	57.35 -1.47 0.00	60.79 -2.01 0.00	62.88 -2.08 0.00	67.24 -2.29 0.00	75.88 -1.31 0.00	85.11 -1.30 0.00	80.01 -0.89 0.00	76.34 -0.69 0.00	72.77 -1.03 0.00	60.92 -2.01 0.00	55.92 -1.55 0.00	52.89 -1.41 0.00
GOODYEAR_LAKE_HYD 323669	74.70 2.58 -10.66	68.67 2.03 -15.95	64.11 1.88 -14.05	61.60 1.97 -10.46	60.52 2.17 -2.61	61.42 2.22 -3.79	62.84 2.24 -4.47	61.11 1.84 0.00	63.22 1.90 0.00	62.92 1.83 0.00	58.55 1.82 0.00	57.93 1.80 0.00	60.58 1.76 0.00	64.62 1.82 0.00	66.91 1.95 0.00	71.69 2.16 0.00	79.97 2.78 0.00	90.12 3.72 0.00	84.38 3.48 0.00	80.19 3.16 0.00	76.97 3.17 0.00	65.45 2.52 0.00	59.60 2.13 0.00	56.15 1.85 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	64.11 0.00 -2.66	54.67 0.00 -3.97	51.64 -0.05 -3.50	51.63 -0.15 -2.61	55.89 -0.50 -0.65	55.91 -0.44 -0.95	56.84 -0.39 -1.11	58.33 -0.95 0.00	60.34 -0.98 0.00	60.35 -0.73 0.00	56.45 -0.28 0.00	56.02 -0.11 0.00	58.88 0.06 0.00	62.87 0.06 0.00	65.09 0.13 0.00	69.67 0.14 0.00	77.96 0.77 0.00	87.53 1.12 0.00	82.11 1.21 0.00	77.95 0.92 0.00	74.54 0.74 0.00	62.93 0.00 0.00	57.47 0.00 0.00	54.25 -0.05 0.00

GOUDEY___7 23579	64.11 0.00 -2.66	54.67 0.00 -3.97	51.64 -0.05 -3.50	51.63 -0.15 -2.61	55.89 -0.50 -0.65	55.91 -0.44 -0.95	56.84 -0.39 -1.11	58.33 -0.95 0.00	60.34 -0.98 0.00	60.35 -0.73 0.00	56.45 -0.28 0.00	56.02 -0.11 0.00	58.88 0.06 0.00	62.87 0.06 0.00	65.09 0.13 0.00	69.67 0.14 0.00	77.96 0.77 0.00	87.53 1.12 0.00	82.11 1.21 0.00	77.95 0.92 0.00	74.54 0.74 0.00	62.93 0.00 0.00	57.47 0.00 0.00	54.25 -0.05 0.00
GOUDEY___8 23580	64.11 0.00 -2.66	54.67 0.00 -3.97	51.64 -0.05 -3.50	51.63 -0.15 -2.61	55.89 -0.50 -0.65	55.91 -0.44 -0.95	56.84 -0.39 -1.11	58.33 -0.95 0.00	60.34 -0.98 0.00	60.35 -0.73 0.00	56.45 -0.28 0.00	56.02 -0.11 0.00	58.88 0.06 0.00	62.87 0.06 0.00	65.09 0.13 0.00	69.67 0.14 0.00	77.96 0.77 0.00	87.53 1.12 0.00	82.11 1.21 0.00	77.95 0.92 0.00	74.54 0.74 0.00	62.93 0.00 0.00	57.47 0.00 0.00	54.25 -0.05 0.00
GOWANUS_GT1_1 24077	72.98 4.30 -7.22	64.79 3.30 -10.80	61.02 3.32 -9.51	59.54 3.29 -7.08	60.62 3.12 -1.77	60.69 2.72 -2.57	62.18 3.03 -3.02	62.36 3.08 0.00	64.81 3.50 0.00	64.81 3.73 0.00	61.27 4.54 0.00	61.19 5.05 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.36 5.39 -0.01	75.10 5.56 -0.01	83.06 5.87 -0.01	93.93 7.52 -0.01	87.30 6.39 -0.01	81.34 4.31 0.01	77.85 4.06 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.49 4.18 0.00
GOWANUS_GT1_2 24078	72.98 4.30 -7.22	64.79 3.30 -10.80	61.02 3.32 -9.51	59.54 3.29 -7.08	60.62 3.12 -1.77	60.69 2.72 -2.57	62.18 3.03 -3.02	62.36 3.08 0.00	64.81 3.50 0.00	64.81 3.73 0.00	61.27 4.54 0.00	61.19 5.05 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.36 5.39 -0.01	75.10 5.56 -0.01	83.06 5.87 -0.01	93.93 7.52 -0.01	87.30 6.39 -0.01	81.34 4.31 0.01	77.85 4.06 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.49 4.18 0.00
GOWANUS_GT1_3 24079	72.98 4.30 -7.22	64.79 3.30 -10.80	61.02 3.32 -9.51	59.54 3.29 -7.08	60.62 3.12 -1.77	60.69 2.72 -2.57	62.18 3.03 -3.02	62.36 3.08 0.00	64.81 3.50 0.00	64.81 3.73 0.00	61.27 4.54 0.00	61.19 5.05 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.36 5.39 -0.01	75.10 5.56 -0.01	83.06 5.87 -0.01	93.93 7.52 -0.01	87.30 6.39 -0.01	81.34 4.31 0.01	77.85 4.06 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.49 4.18 0.00
GOWANUS_GT1_4 24080	72.98 4.30 -7.22	64.79 3.30 -10.80	61.02 3.32 -9.51	59.54 3.29 -7.08	60.62 3.12 -1.77	60.69 2.72 -2.57	62.18 3.03 -3.02	62.36 3.08 0.00	64.81 3.50 0.00	64.81 3.73 0.00	61.27 4.54 0.00	61.19 5.05 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.36 5.39 -0.01	75.10 5.56 -0.01	83.06 5.87 -0.01	93.93 7.52 -0.01	87.30 6.39 -0.01	81.34 4.31 0.01	77.85 4.06 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.49 4.18 0.00
GOWANUS_GT1_5 24084	72.98 4.30 -7.22	64.79 3.30 -10.80	61.02 3.32 -9.51	59.54 3.29 -7.08	60.62 3.12 -1.77	60.69 2.72 -2.57	62.18 3.03 -3.02	62.36 3.08 0.00	64.81 3.50 0.00	64.81 3.73 0.00	61.27 4.54 0.00	61.19 5.05 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.36 5.39 -0.01	75.10 5.56 -0.01	83.06 5.87 -0.01	93.93 7.52 -0.01	87.30 6.39 -0.01	81.34 4.31 0.01	77.85 4.06 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.49 4.18 0.00
GOWANUS_GT1_6 24111	72.98 4.30 -7.22	64.79 3.30 -10.80	61.02 3.32 -9.51	59.54 3.29 -7.08	60.62 3.12 -1.77	60.69 2.72 -2.57	62.18 3.03 -3.02	62.36 3.08 0.00	64.81 3.50 0.00	64.81 3.73 0.00	61.27 4.54 0.00	61.19 5.05 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.36 5.39 -0.01	75.10 5.56 -0.01	83.06 5.87 -0.01	93.93 7.52 -0.01	87.30 6.39 -0.01	81.34 4.31 0.01	77.85 4.06 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.49 4.18 0.00
GOWANUS_GT1_7 24112	72.98 4.30 -7.22	64.79 3.30 -10.80	61.02 3.32 -9.51	59.54 3.29 -7.08	60.62 3.12 -1.77	60.69 2.72 -2.57	62.18 3.03 -3.02	62.36 3.08 0.00	64.81 3.50 0.00	64.81 3.73 0.00	61.27 4.54 0.00	61.19 5.05 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.36 5.39 -0.01	75.10 5.56 -0.01	83.06 5.87 -0.01	93.93 7.52 -0.01	87.30 6.39 -0.01	81.34 4.31 0.01	77.85 4.06 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.49 4.18 0.00
GOWANUS_GT1_8 24113	72.98 4.30 -7.22	64.79 3.30 -10.80	61.02 3.32 -9.51	59.54 3.29 -7.08	60.62 3.12 -1.77	60.69 2.72 -2.57	62.18 3.03 -3.02	62.36 3.08 0.00	64.81 3.50 0.00	64.81 3.73 0.00	61.27 4.54 0.00	61.19 5.05 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.36 5.39 -0.01	75.10 5.56 -0.01	83.06 5.87 -0.01	93.93 7.52 -0.01	87.30 6.39 -0.01	81.34 4.31 0.01	77.85 4.06 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.49 4.18 0.00
GOWANUS_GT2_1 24114	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
GOWANUS_GT2_2 24115	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
GOWANUS_GT2_3 24116	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
GOWANUS_GT2_4 24117	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
GOWANUS_GT2_5 24118	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01

GOWANUS_GT2_6 24119	72.98	64.75	61.01	59.55	60.62	60.69	62.17	62.35	64.80	64.80	60.82	61.14	63.94	67.90	70.36	75.11	83.14	93.93	87.22	81.41	77.85	66.71	61.39	58.39
	4.30	3.25	3.32	3.29	3.12	2.71	3.03	3.08	3.49	3.73	4.09	4.99	5.11	5.08	5.39	5.56	5.94	7.51	6.31	4.39	4.06	3.78	3.91	4.07
	-7.22	-10.80	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.01	0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01
GOWANUS_GT2_7 24120	72.98	64.75	61.01	59.55	60.62	60.69	62.17	62.35	64.80	64.80	60.82	61.14	63.94	67.90	70.36	75.11	83.14	93.93	87.22	81.41	77.85	66.71	61.39	58.39
	4.30	3.25	3.32	3.29	3.12	2.71	3.03	3.08	3.49	3.73	4.09	4.99	5.11	5.08	5.39	5.56	5.94	7.51	6.31	4.39	4.06	3.78	3.91	4.07
	-7.22	-10.80	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.01	0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01
GOWANUS_GT2_8 24121	72.98	64.75	61.01	59.55	60.62	60.69	62.17	62.35	64.80	64.80	60.82	61.14	63.94	67.90	70.36	75.11	83.14	93.93	87.22	81.41	77.85	66.71	61.39	58.39
	4.30	3.25	3.32	3.29	3.12	2.71	3.03	3.08	3.49	3.73	4.09	4.99	5.11	5.08	5.39	5.56	5.94	7.51	6.31	4.39	4.06	3.78	3.91	4.07
	-7.22	-10.80	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.01	0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_1 24122	72.98	64.75	61.01	59.55	60.62	60.69	62.17	62.35	64.80	64.80	60.82	61.14	63.94	67.90	70.36	75.11	83.14	93.93	87.22	81.41	77.85	66.71	61.39	58.39
	4.30	3.25	3.32	3.29	3.12	2.71	3.03	3.08	3.49	3.73	4.09	4.99	5.11	5.08	5.39	5.56	5.94	7.51	6.31	4.39	4.06	3.78	3.91	4.07
	-7.22	-10.80	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.01	0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_2 24123	72.98	64.75	61.01	59.55	60.62	60.69	62.17	62.35	64.80	64.80	60.82	61.14	63.94	67.90	70.36	75.11	83.14	93.93	87.22	81.41	77.85	66.71	61.39	58.39
	4.30	3.25	3.32	3.29	3.12	2.71	3.03	3.08	3.49	3.73	4.09	4.99	5.11	5.08	5.39	5.56	5.94	7.51	6.31	4.39	4.06	3.78	3.91	4.07
	-7.22	-10.80	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.01	0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_3 24124	72.98	64.75	61.01	59.55	60.62	60.69	62.17	62.35	64.80	64.80	60.82	61.14	63.94	67.90	70.36	75.11	83.14	93.93	87.22	81.41	77.85	66.71	61.39	58.39
	4.30	3.25	3.32	3.29	3.12	2.71	3.03	3.08	3.49	3.73	4.09	4.99	5.11	5.08	5.39	5.56	5.94	7.51	6.31	4.39	4.06	3.78	3.91	4.07
	-7.22	-10.80	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.01	0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_4 24125	72.98	64.75	61.01	59.55	60.62	60.69	62.17	62.35	64.80	64.80	60.82	61.14	63.94	67.90	70.36	75.11	83.14	93.93	87.22	81.41	77.85	66.71	61.39	58.39
	4.30	3.25	3.32	3.29	3.12	2.71	3.03	3.08	3.49	3.73	4.09	4.99	5.11	5.08	5.39	5.56	5.94	7.51	6.31	4.39	4.06	3.78	3.91	4.07
	-7.22	-10.80	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.01	0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_5 24126	72.98	64.75	61.01	59.55	60.62	60.69	62.17	62.35	64.80	64.80	60.82	61.14	63.94	67.90	70.36	75.11	83.14	93.93	87.22	81.41	77.85	66.71	61.39	58.39
	4.30	3.25	3.32	3.29	3.12	2.71	3.03	3.08	3.49	3.73	4.09	4.99	5.11	5.08	5.39	5.56	5.94	7.51	6.31	4.39	4.06	3.78	3.91	4.07
	-7.22	-10.80	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.01	0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_6 24127	72.98	64.75	61.01	59.55	60.62	60.69	62.17	62.35	64.80	64.80	60.82	61.14	63.94	67.90	70.36	75.11	83.14	93.93	87.22	81.41	77.85	66.71	61.39	58.39
	4.30	3.25	3.32	3.29	3.12	2.71	3.03	3.08	3.49	3.73	4.09	4.99	5.11	5.08	5.39	5.56	5.94	7.51	6.31	4.39	4.06	3.78	3.91	4.07
	-7.22	-10.80	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.01	0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_7 24128	72.98	64.75	61.01	59.55	60.62	60.69	62.17	62.35	64.80	64.80	60.82	61.14	63.94	67.90	70.36	75.11	83.14	93.93	87.22	81.41	77.85	66.71	61.39	58.39
	4.30	3.25	3.32	3.29	3.12	2.71	3.03	3.08	3.49	3.73	4.09	4.99	5.11	5.08	5.39	5.56	5.94	7.51	6.31	4.39	4.06	3.78	3.91	4.07
	-7.22	-10.80	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.01	0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_8 24129	72.98	64.75	61.01	59.55	60.62	60.69	62.17	62.35	64.80	64.80	60.82	61.14	63.94	67.90	70.36	75.11	83.14	93.93	87.22	81.41	77.85	66.71	61.39	58.39
	4.30	3.25	3.32	3.29	3.12	2.71	3.03	3.08	3.49	3.73	4.09	4.99	5.11	5.08	5.39	5.56	5.94	7.51	6.31	4.39	4.06	3.78	3.91	4.07
	-7.22	-10.80	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.01	0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01
GOWANUS_GT4_1 24130	72.98	64.79	61.02	59.54	60.62	60.69	62.18	62.36	64.81	64.81	61.27	61.19	63.95	67.96	70.36	75.10	83.06	93.93	87.30	81.34	77.85	66.84	61.56	58.49
	4.30	3.30	3.32	3.29	3.12	2.72	3.03	3.08	3.50	3.73	4.54	5.05	5.12	5.15	5.39	5.56	5.87	7.52	6.39	4.31	4.06	3.90	4.08	4.18
	-7.22	-10.80	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	0.00
GOWANUS_GT4_2 24131	72.98	64.79	61.02	59.54	60.62	60.69	62.18	62.36	64.81	64.81	61.27	61.19	63.95	67.96	70.36	75.10	83.06	93.93	87.30	81.34	77.85	66.84	61.56	58.49
	4.30	3.30	3.32	3.29	3.12	2.72	3.03	3.08	3.50	3.73	4.54	5.05	5.12	5.15	5.39	5.56	5.87	7.52	6.39	4.31	4.06	3.90	4.08	4.18
	-7.22	-10.80	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	0.00
GOWANUS_GT4_3 24132	72.98	64.79	61.02	59.54	60.62	60.69	62.18	62.36	64.81	64.81	61.27	61.19	63.95	67.96	70.36	75.10	83.06	93.93	87.30	81.34	77.85	66.84	61.56	58.49
	4.30	3.30	3.32	3.29	3.12	2.72	3.03	3.08	3.50	3.73	4.54	5.05	5.12	5.15	5.39	5.56	5.87	7.52	6.39	4.31	4.06	3.90	4.08	4.18
	-7.22	-10.80	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	0.00
GOWANUS_GT4_4 24133	72.98	64.79	61.02	59.54	60.62	60.69	62.18	62.36	64.81	64.81	61.27	61.19	63.95	67.96	70.36	75.10	83.06	93.93	87.30	81.34	77.85	66.84	61.56	58.49
	4.30	3.30	3.32	3.29	3.12	2.72	3.03	3.08	3.50	3.73	4.54	5.05	5.12	5.15	5.39	5.56	5.87	7.52	6.39	4.31	4.06	3.90	4.08	4.18
	-7.22	-10.80	-9.51	-7.08	-1.77	-2.57	-3.02	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	0.00

GOWANUS_GT4_5 24134	72.98 4.30 -7.22	64.79 3.30 -10.80	61.02 3.32 -9.51	59.54 3.29 -7.08	60.62 3.12 -1.77	60.69 2.72 -2.57	62.18 3.03 -3.02	62.36 3.08 0.00	64.81 3.50 0.00	64.81 3.73 0.00	61.27 4.54 0.00	61.19 5.05 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.36 5.39 -0.01	75.10 5.56 -0.01	83.06 5.87 -0.01	93.93 7.52 -0.01	87.30 6.39 -0.01	81.34 4.31 0.01	77.85 4.06 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.49 4.18 0.00
GOWANUS_GT4_6 24135	72.98 4.30 -7.22	64.79 3.30 -10.80	61.02 3.32 -9.51	59.54 3.29 -7.08	60.62 3.12 -1.77	60.69 2.72 -2.57	62.18 3.03 -3.02	62.36 3.08 0.00	64.81 3.50 0.00	64.81 3.73 0.00	61.27 4.54 0.00	61.19 5.05 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.36 5.39 -0.01	75.10 5.56 -0.01	83.06 5.87 -0.01	93.93 7.52 -0.01	87.30 6.39 -0.01	81.34 4.31 0.01	77.85 4.06 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.49 4.18 0.00
GOWANUS_GT4_7 24136	72.98 4.30 -7.22	64.79 3.30 -10.80	61.02 3.32 -9.51	59.54 3.29 -7.08	60.62 3.12 -1.77	60.69 2.72 -2.57	62.18 3.03 -3.02	62.36 3.08 0.00	64.81 3.50 0.00	64.81 3.73 0.00	61.27 4.54 0.00	61.19 5.05 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.36 5.39 -0.01	75.10 5.56 -0.01	83.06 5.87 -0.01	93.93 7.52 -0.01	87.30 6.39 -0.01	81.34 4.31 0.01	77.85 4.06 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.49 4.18 0.00
GOWANUS_GT4_8 24137	72.98 4.30 -7.22	64.79 3.30 -10.80	61.02 3.32 -9.51	59.54 3.29 -7.08	60.62 3.12 -1.77	60.69 2.72 -2.57	62.18 3.03 -3.02	62.36 3.08 0.00	64.81 3.50 0.00	64.81 3.73 0.00	61.27 4.54 0.00	61.19 5.05 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.36 5.39 -0.01	75.10 5.56 -0.01	83.06 5.87 -0.01	93.93 7.52 -0.01	87.30 6.39 -0.01	81.34 4.31 0.01	77.85 4.06 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.49 4.18 0.00
GREATVRV_69_KV_BK1 356245	104.82 7.56 -35.81	80.70 6.08 -23.91	69.33 5.64 -15.51	61.71 5.46 -7.08	63.13 5.63 -1.77	63.57 5.60 -2.57	64.98 5.84 -3.02	65.32 6.05 0.00	68.06 6.74 0.00	67.99 6.90 0.00	63.14 6.41 0.00	65.29 6.62 -2.53	77.01 7.00 -11.19	78.80 7.72 -8.27	80.13 8.18 -6.99	82.17 8.76 -3.87	94.39 9.03 -8.17	140.92 10.97 -43.54	154.29 10.27 -63.12	106.28 7.86 -21.39	81.80 7.97 -0.03	79.41 6.99 -9.50	64.02 6.55 0.00	59.74 5.43 0.00
GREENBSH_115KV_TB3 55895	82.37 2.15 -18.77	80.70 1.93 -28.07	74.79 1.88 -24.73	69.55 1.97 -18.41	62.51 2.17 -4.60	64.19 2.11 -6.67	66.07 2.08 -7.87	61.11 1.84 0.00	62.97 1.66 0.00	62.61 1.53 0.00	57.75 1.02 0.00	56.98 0.84 0.00	59.70 0.88 0.00	63.49 0.69 0.00	65.74 0.78 0.00	70.51 0.97 0.00	77.96 0.77 0.00	87.44 1.04 0.00	81.79 0.89 0.00	77.34 0.31 0.00	74.39 0.59 0.00	63.81 0.88 0.00	58.16 0.69 0.00	55.34 1.03 0.00
GREENDGE_115KV_TB5 80291	62.13 -0.86 -1.54	52.44 -0.56 -2.30	49.77 -0.43 -2.02	49.99 -0.69 -1.51	54.44 -1.67 -0.38	54.46 -1.50 -0.55	55.36 -1.40 -0.64	57.26 -2.02 0.00	59.11 -2.21 0.00	59.13 -1.95 0.00	55.43 -1.30 0.00	55.13 -1.01 0.00	58.00 -0.82 0.00	61.80 -1.00 0.00	63.85 -1.10 0.00	68.35 -1.18 0.00	76.96 -0.23 0.00	86.49 0.09 0.00	81.63 0.73 0.00	77.80 0.77 0.00	74.24 0.44 0.00	62.36 -0.57 0.00	57.01 -0.46 0.00	53.71 -0.60 0.00
GREENIDGE___3 23582	62.13 -0.86 -1.54	52.44 -0.56 -2.30	49.77 -0.43 -2.02	49.99 -0.69 -1.51	54.44 -1.67 -0.38	54.46 -1.50 -0.55	55.36 -1.40 -0.64	57.26 -2.02 0.00	59.11 -2.21 0.00	59.13 -1.95 0.00	55.43 -1.30 0.00	55.13 -1.01 0.00	58.00 -0.82 0.00	61.80 -1.00 0.00	63.85 -1.10 0.00	68.35 -1.18 0.00	76.96 -0.23 0.00	86.49 0.09 0.00	81.63 0.73 0.00	77.80 0.77 0.00	74.24 0.44 0.00	62.36 -0.57 0.00	57.01 -0.46 0.00	53.71 -0.60 0.00
GREENIDGE___4 23583	62.13 -0.86 -1.54	52.44 -0.56 -2.30	49.77 -0.43 -2.02	49.99 -0.69 -1.51	54.44 -1.67 -0.38	54.46 -1.49 -0.55	55.36 -1.40 -0.64	57.26 -2.02 0.00	59.11 -2.20 0.00	59.13 -1.96 0.00	55.65 -1.08 0.00	55.13 -1.01 0.00	58.00 -0.82 0.00	61.86 -0.94 0.00	63.85 -1.10 0.00	68.35 -1.18 0.00	77.04 -0.15 0.00	86.49 0.09 0.00	81.54 0.64 0.00	78.03 1.00 0.00	74.25 0.45 0.00	62.62 -0.31 0.00	57.13 -0.34 0.00	54.04 -0.27 0.00
GREENLWN_69_KV_BK 3 55738	102.48 5.22 -35.81	78.72 4.11 -23.91	67.60 3.90 -15.51	60.04 3.79 -7.08	61.41 3.90 -1.77	61.74 3.77 -2.57	63.19 4.04 -3.02	63.36 4.09 0.00	65.98 4.66 0.00	65.91 4.83 0.00	61.38 4.65 0.00	63.49 4.83 -2.53	75.13 5.12 -11.19	76.60 5.53 -8.27	77.66 5.72 -6.99	79.23 5.84 -3.85	80.50 5.79 2.48	91.37 7.26 2.29	70.34 6.55 17.11	82.66 4.39 -1.24	78.45 4.65 0.00	76.83 4.41 -9.50	61.95 4.48 0.00	58.11 3.80 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	72.98 4.30 -7.22	64.79 3.30 -10.80	61.02 3.32 -9.51	59.54 3.29 -7.08	60.62 3.12 -1.77	60.69 2.72 -2.57	62.18 3.03 -3.02	62.36 3.08 0.00	64.81 3.50 0.00	64.81 3.73 0.00	61.27 4.54 0.00	61.19 5.05 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.36 5.39 -0.01	75.10 5.56 -0.01	83.06 5.87 -0.01	93.93 7.52 -0.01	87.30 6.39 -0.01	81.34 4.31 0.01	77.85 4.06 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.49 4.18 0.00
GRISSOM___SOLAR 323813	95.63 4.61 -29.57	98.57 3.65 -44.22	90.57 3.42 -38.96	81.62 3.44 -29.00	66.82 3.84 -7.24	69.86 3.93 -10.52	72.38 3.87 -12.39	62.65 3.38 0.00	64.32 3.00 0.00	63.53 2.45 0.00	58.66 1.93 0.00	57.88 1.74 0.00	60.53 1.71 0.00	64.56 1.76 0.00	66.84 1.88 0.00	71.82 2.29 0.00	79.82 2.63 0.00	90.47 4.06 0.00	85.26 4.37 0.00	81.73 4.70 0.00	78.75 4.95 0.00	67.08 4.15 0.00	61.09 3.62 0.00	57.45 3.15 0.00
GROVEVILLE___HYD 323602	73.48 4.67 -7.36	65.35 3.65 -11.00	61.35 3.47 -9.69	59.83 3.44 -7.22	61.11 3.57 -1.80	61.52 3.49 -2.62	62.85 3.65 -3.08	62.83 3.56 0.00	65.24 3.92 0.00	65.12 4.03 0.00	60.53 3.80 0.00	59.95 3.82 0.00	62.88 4.06 0.00	67.39 4.58 0.00	69.90 4.94 0.00	74.89 5.35 0.00	83.06 5.87 0.00	93.75 7.34 0.00	87.45 6.55 0.00	81.88 4.85 0.00	78.45 4.65 0.00	67.02 4.09 0.00	61.15 3.68 0.00	57.62 3.31 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	60.65 -0.80 0.00	50.04 -0.66 0.00	47.51 -0.67 0.00	48.34 -0.84 0.00	54.57 -1.17 0.00	54.25 -1.16 0.00	55.06 -1.07 0.00	57.91 -1.36 0.00	59.91 -1.41 0.00	59.80 -1.28 0.00	55.71 -1.02 0.00	55.24 -0.90 0.00	57.94 -0.88 0.00	61.80 -1.00 0.00	63.85 -1.10 0.00	68.35 -1.18 0.00	76.34 -0.85 0.00	85.54 -0.86 0.00	80.33 -0.57 0.00	76.41 -0.62 0.00	73.06 -0.74 0.00	62.11 -0.82 0.00	57.01 -0.46 0.00	53.76 -0.54 0.00
HAMLTNNY_34_KV_TB 80303	61.02 -0.43 0.00	50.34 -0.35 0.00	47.80 -0.39 0.00	48.58 -0.59 0.00	54.79 -0.95 0.00	54.52 -0.89 0.00	55.28 -0.84 0.00	58.09 -1.19 0.00	60.09 -1.23 0.00	60.05 -1.04 0.00	55.99 -0.74 0.00	55.57 -0.56 0.00	58.29 -0.53 0.00	62.17 -0.63 0.00	64.24 -0.71 0.00	68.77 -0.76 0.00	76.88 -0.31 0.00	86.23 -0.17 0.00	80.98 0.08 0.00	77.03 0.00 0.00	73.73 -0.07 0.00	62.43 -0.50 0.00	57.07 -0.40 0.00	53.82 -0.49 0.00

HAMPSHIRE___PAPER_HYD 323593	61.76 0.31 0.00	50.90 0.20 0.00	48.28 0.10 0.00	49.22 0.05 0.00	56.13 0.39 0.00	55.96 0.55 0.00	56.85 0.73 0.00	60.34 1.07 0.00	62.36 1.04 0.00	61.94 0.85 0.00	57.47 0.74 0.00	56.75 0.62 0.00	59.12 0.30 0.00	62.68 -0.13 0.00	64.44 -0.52 0.00	68.56 -0.97 0.00	76.42 -0.77 0.00	85.71 -0.69 0.00	80.50 -0.40 0.00	77.64 0.61 0.00	74.91 1.11 0.00	64.25 1.32 0.00	58.79 1.32 0.00	55.56 1.25 0.00
HARDSCRABBLE_WT_PWR 323673	61.64 0.18 0.00	50.85 0.15 0.00	48.38 0.19 0.00	49.47 0.30 0.00	56.13 0.39 0.00	55.96 0.55 0.00	56.91 0.79 0.00	60.04 0.77 0.00	62.24 0.92 0.00	62.06 0.97 0.00	57.64 0.90 0.00	57.09 0.95 0.00	59.76 0.94 0.00	63.80 1.00 0.00	65.99 1.04 0.00	70.51 0.97 0.00	78.42 1.23 0.00	87.87 1.47 0.00	82.19 1.29 0.00	78.19 1.16 0.00	74.91 1.11 0.00	64.06 1.13 0.00	58.45 0.98 0.00	55.34 1.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	72.24 3.99 -6.79	63.90 3.04 -10.16	60.03 2.89 -8.95	58.69 2.85 -6.66	60.35 2.95 -1.66	60.65 2.83 -2.42	62.00 3.03 -2.85	62.24 2.96 0.00	64.63 3.31 0.00	64.57 3.48 0.00	60.19 3.46 0.00	59.73 3.59 0.00	62.64 3.82 0.00	67.14 4.33 0.00	69.64 4.68 0.00	74.54 5.01 0.00	82.67 5.48 0.00	93.23 6.83 0.00	86.97 6.07 0.00	81.42 4.39 0.00	78.01 4.21 0.00	66.52 3.59 0.00	60.75 3.28 0.00	57.18 2.88 0.00
HARSNRAD_115KV_TB1 81005	58.65 -3.93 -1.14	49.25 -3.14 -1.70	46.60 -3.08 -1.50	46.75 -3.54 -1.11	50.89 -5.13 -0.28	50.83 -4.99 -0.40	51.38 -5.22 -0.48	52.46 -6.82 0.00	54.33 -6.99 0.00	54.98 -6.11 0.00	52.14 -4.60 0.00	52.37 -3.76 0.00	55.58 -3.24 0.00	58.66 -4.14 0.00	60.67 -4.29 0.00	64.87 -4.66 0.00	73.49 -3.71 0.00	82.26 -4.15 0.00	77.42 -3.48 0.00	73.64 -3.39 0.00	70.04 -3.76 0.00	58.15 -4.78 0.00	53.73 -3.74 0.00	51.05 -3.26 0.00
HARZA MOOSE___RIVER 24016	62.86 1.41 0.00	51.81 1.12 0.00	49.15 0.96 0.00	50.06 0.89 0.00	56.74 1.00 0.00	56.63 1.22 0.00	57.47 1.35 0.00	60.64 1.36 0.00	62.85 1.53 0.00	62.49 1.40 0.00	57.98 1.25 0.00	57.26 1.12 0.00	59.76 0.94 0.00	63.56 0.75 0.00	65.61 0.65 0.00	70.16 0.63 0.00	78.50 1.31 0.00	88.22 1.81 0.00	82.84 1.94 0.00	79.42 2.39 0.00	76.31 2.51 0.00	65.13 2.20 0.00	59.25 1.78 0.00	55.94 1.63 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	60.53 -0.92 0.00	49.94 -0.76 0.00	47.41 -0.77 0.00	48.24 -0.93 0.00	54.45 -1.28 0.00	54.19 -1.22 0.00	54.94 -1.18 0.00	57.79 -1.48 0.00	59.78 -1.53 0.00	59.74 -1.34 0.00	55.65 -1.08 0.00	55.18 -0.95 0.00	57.88 -0.94 0.00	61.80 -1.00 0.00	63.85 -1.10 0.00	68.35 -1.18 0.00	76.26 -0.93 0.00	85.54 -0.86 0.00	80.25 -0.65 0.00	76.26 -0.77 0.00	72.99 -0.81 0.00	61.92 -1.01 0.00	56.55 -0.92 0.00	53.33 -0.98 0.00
HELLGATE_13_KV_LD 55870	71.92 4.30 -6.17	64.84 3.35 -10.79	61.16 3.47 -9.51	59.74 3.49 -7.08	60.80 3.29 -1.77	60.97 2.99 -2.57	62.52 3.37 -3.03	62.71 3.44 0.00	65.12 3.80 0.00	65.12 4.03 0.00	61.50 4.77 0.00	61.24 5.11 0.00	64.00 5.18 0.00	68.02 5.21 0.00	70.42 5.46 0.00	74.25 5.63 0.92	81.98 5.94 1.15	92.75 7.52 1.17	85.59 6.39 1.70	72.47 4.31 8.87	71.95 4.06 5.91	66.90 3.96 0.00	61.61 4.14 0.00	58.49 4.18 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	71.92 4.30 -6.17	64.84 3.35 -10.79	61.16 3.47 -9.51	59.74 3.49 -7.08	60.80 3.29 -1.77	60.97 2.99 -2.57	62.52 3.37 -3.03	62.71 3.44 0.00	65.12 3.80 0.00	65.12 4.03 0.00	61.50 4.77 0.00	61.24 5.11 0.00	64.00 5.18 0.00	68.02 5.21 0.00	70.42 5.46 0.00	74.25 5.63 0.92	81.98 5.94 1.15	92.75 7.52 1.17	85.59 6.39 1.70	72.47 4.31 8.87	71.95 4.06 5.91	66.90 3.96 0.00	61.61 4.14 0.00	58.49 4.18 0.00
HEMPSTEAD___ 23647	102.42 5.16 -35.81	78.67 4.06 -23.92	67.65 3.95 -15.51	60.14 3.88 -7.09	61.53 4.02 -1.78	61.86 3.88 -2.58	63.31 4.15 -3.03	63.49 4.21 -0.01	65.98 4.66 -0.01	65.92 4.82 -0.01	61.22 4.48 -0.01	63.49 4.83 -2.53	75.00 5.00 -11.19	76.60 5.53 -8.27	77.86 5.91 -6.99	79.59 6.19 -3.87	83.84 6.64 -0.01	109.60 8.30 -14.90	97.47 7.20 -9.38	98.13 5.31 -15.79	78.84 5.02 -0.02	76.89 4.47 -9.50	61.79 4.31 -0.01	58.16 3.86 0.00
HICKLING___1 23621	62.65 -0.80 -2.00	53.02 -0.66 -2.98	50.14 -0.67 -2.63	50.24 -0.89 -1.96	54.61 -1.62 -0.49	54.62 -1.50 -0.71	55.56 -1.40 -0.84	57.08 -2.19 0.00	58.99 -2.33 0.00	59.13 -1.95 0.00	55.65 -1.08 0.00	55.35 -0.79 0.00	58.35 -0.47 0.00	62.30 -0.50 0.00	64.44 -0.52 0.00	68.98 -0.56 0.00	77.65 0.46 0.00	87.18 0.78 0.00	82.11 1.21 0.00	78.18 1.16 0.00	74.54 0.74 0.00	62.43 -0.50 0.00	57.07 -0.40 0.00	53.87 -0.43 0.00
HICKLING___2 23622	62.65 -0.80 -2.00	53.02 -0.66 -2.98	50.14 -0.67 -2.63	50.24 -0.89 -1.96	54.61 -1.62 -0.49	54.62 -1.50 -0.71	55.56 -1.40 -0.84	57.08 -2.19 0.00	58.99 -2.33 0.00	59.13 -1.95 0.00	55.65 -1.08 0.00	55.35 -0.79 0.00	58.35 -0.47 0.00	62.30 -0.50 0.00	64.44 -0.52 0.00	68.98 -0.56 0.00	77.65 0.46 0.00	87.18 0.78 0.00	82.11 1.21 0.00	78.18 1.16 0.00	74.54 0.74 0.00	62.43 -0.50 0.00	57.07 -0.40 0.00	53.87 -0.43 0.00
HIGH FALLS___HY 23754	74.37 4.67 -8.25	66.59 3.55 -12.34	62.43 3.37 -10.87	60.56 3.29 -8.09	61.16 3.40 -2.02	61.67 3.32 -2.93	63.06 3.48 -3.46	62.65 3.38 0.00	65.12 3.80 0.00	64.99 3.91 0.00	60.53 3.80 0.00	59.95 3.82 0.00	62.88 4.06 0.00	67.51 4.71 0.00	69.27 5.26 0.95	73.98 5.70 1.26	81.86 6.41 1.74	94.44 8.04 0.00	88.17 7.28 0.00	82.65 5.62 0.00	79.11 5.31 0.00	67.46 4.53 0.00	61.49 4.02 0.00	57.83 3.53 0.00
HIGH_RIVER___SOLAR 323847	95.81 3.25 -31.10	99.79 2.58 -46.51	91.62 2.46 -40.98	82.18 2.51 -30.51	66.14 2.79 -7.62	69.24 2.77 -11.06	71.85 2.69 -13.04	61.40 2.13 0.00	62.97 1.66 0.00	62.19 1.10 0.00	57.47 0.74 0.00	56.64 0.50 0.00	59.29 0.47 0.00	63.30 0.50 0.00	65.54 0.58 0.00	70.37 0.84 0.00	78.19 1.00 0.00	88.74 2.33 0.00	83.73 2.83 0.00	80.03 3.00 0.00	77.04 3.24 0.00	65.63 2.70 0.00	59.83 2.36 0.00	56.37 2.06 0.00
HILLBURN___GT 23639	72.09 3.75 -6.89	63.89 2.89 -10.30	60.05 2.79 -9.08	58.63 2.70 -6.76	60.21 2.79 -1.69	60.46 2.60 -2.45	61.87 2.86 -2.89	62.12 2.85 0.00	64.50 3.19 0.00	64.44 3.36 0.00	60.02 3.29 0.00	59.73 3.60 0.00	62.59 3.77 0.00	67.08 4.27 0.00	69.64 4.68 0.00	74.47 4.94 0.00	82.51 5.32 0.00	93.15 6.74 0.00	86.64 5.74 0.00	81.11 4.08 0.00	77.64 3.84 0.00	66.20 3.27 0.00	60.51 3.04 0.00	57.02 2.71 0.00
HILLSIDE_115KV_TB1 80332	62.05 -1.47 -2.08	52.59 -1.22 -3.10	49.71 -1.20 -2.73	49.83 -1.38 -2.04	54.13 -2.12 -0.51	54.15 -1.99 -0.74	55.03 -1.96 -0.87	56.49 -2.79 0.00	58.44 -2.88 0.00	58.52 -2.57 0.00	55.09 -1.65 0.00	54.84 -1.29 0.00	57.76 -1.06 0.00	61.74 -1.07 0.00	63.92 -1.04 0.00	68.42 -1.11 0.00	76.88 -0.31 0.00	86.32 -0.09 0.00	81.14 0.24 0.00	77.11 0.08 0.00	73.58 -0.22 0.00	61.67 -1.26 0.00	56.38 -1.09 0.00	53.22 -1.09 0.00

HISHELDN_WT_PWR 323625	59.75 -3.07 -1.37	50.37 -2.38 -2.05	47.68 -2.31 -1.81	47.86 -2.66 -1.35	52.12 -3.96 -0.34	52.13 -3.77 -0.49	52.82 -3.87 -0.57	54.06 -5.22 0.00	55.92 -5.40 0.00	56.38 -4.70 0.00	53.90 -2.83 0.00	53.39 -2.75 0.00	56.58 -2.24 0.00	60.04 -2.76 0.00	61.97 -2.99 0.00	66.41 -3.13 0.00	75.26 -1.93 0.00	84.08 -2.33 0.00	79.36 -1.54 0.00	76.03 -1.00 0.00	72.03 -1.77 0.00	60.47 -2.46 0.00	55.40 -2.07 0.00	52.95 -1.36 0.00
HOLTSVILLE_IC_1 23690	103.34 6.08 -35.81	79.63 5.02 -23.91	68.37 4.67 -15.51	60.78 4.52 -7.09	62.08 4.57 -1.78	62.53 4.54 -2.57	63.92 4.77 -3.03	64.20 4.92 -0.01	66.85 5.52 -0.01	66.77 5.68 -0.01	61.73 4.99 -0.01	64.00 5.34 -2.53	75.66 5.65 -11.19	77.29 6.22 -8.27	78.58 6.63 -6.99	80.43 7.02 -3.88	86.97 6.87 -2.91	107.76 8.56 -12.80	112.75 7.60 -24.25	90.11 5.70 -7.38	79.95 6.12 -0.03	77.77 5.35 -9.50	62.65 5.17 -0.01	58.60 4.29 0.00
HOLTSVILLE_IC_10 23699	103.84 6.58 -35.81	79.98 5.37 -23.91	68.71 5.01 -15.51	61.03 4.77 -7.09	62.42 4.91 -1.78	62.86 4.88 -2.57	64.26 5.11 -3.03	64.56 5.27 -0.01	67.27 5.95 -0.01	67.20 6.11 -0.01	62.13 5.39 -0.01	64.45 5.78 -2.53	76.13 6.12 -11.19	77.86 6.78 -8.27	79.16 7.21 -6.99	81.13 7.72 -3.88	89.45 7.72 -4.54	113.69 9.50 -17.78	126.50 8.49 -37.11	93.27 6.54 -9.70	80.70 6.86 -0.04	78.34 5.91 -9.50	63.11 5.64 -0.01	58.98 4.67 0.00
HOLTSVILLE_IC_2 23691	103.34 6.08 -35.81	79.63 5.02 -23.91	68.37 4.67 -15.51	60.78 4.52 -7.09	62.08 4.57 -1.78	62.53 4.54 -2.57	63.92 4.77 -3.03	64.20 4.92 -0.01	66.85 5.52 -0.01	66.77 5.68 -0.01	61.73 4.99 -0.01	64.00 5.34 -2.53	75.66 5.65 -11.19	77.29 6.22 -8.27	78.58 6.63 -6.99	80.43 7.02 -3.88	86.97 6.87 -2.91	107.76 8.56 -12.80	112.75 7.60 -24.25	90.11 5.70 -7.38	79.95 6.12 -0.03	77.77 5.35 -9.50	62.65 5.17 -0.01	58.60 4.29 0.00
HOLTSVILLE_IC_3 23692	103.34 6.08 -35.81	79.63 5.02 -23.91	68.37 4.67 -15.51	60.78 4.52 -7.09	62.08 4.57 -1.78	62.53 4.54 -2.57	63.92 4.77 -3.03	64.20 4.92 -0.01	66.85 5.52 -0.01	66.77 5.68 -0.01	61.73 4.99 -0.01	64.00 5.34 -2.53	75.66 5.65 -11.19	77.29 6.22 -8.27	78.58 6.63 -6.99	80.43 7.02 -3.88	86.97 6.87 -2.91	107.76 8.56 -12.80	112.75 7.60 -24.25	90.11 5.70 -7.38	79.95 6.12 -0.03	77.77 5.35 -9.50	62.65 5.17 -0.01	58.60 4.29 0.00
HOLTSVILLE_IC_4 23693	103.34 6.08 -35.81	79.63 5.02 -23.91	68.37 4.67 -15.51	60.78 4.52 -7.09	62.08 4.57 -1.78	62.53 4.54 -2.57	63.92 4.77 -3.03	64.20 4.92 -0.01	66.85 5.52 -0.01	66.77 5.68 -0.01	61.73 4.99 -0.01	64.00 5.34 -2.53	75.66 5.65 -11.19	77.29 6.22 -8.27	78.58 6.63 -6.99	80.43 7.02 -3.88	86.97 6.87 -2.91	107.76 8.56 -12.80	112.75 7.60 -24.25	90.11 5.70 -7.38	79.95 6.12 -0.03	77.77 5.35 -9.50	62.65 5.17 -0.01	58.60 4.29 0.00
HOLTSVILLE_IC_5 23694	103.34 6.08 -35.81	79.63 5.02 -23.91	68.37 4.67 -15.51	60.78 4.52 -7.09	62.08 4.57 -1.78	62.53 4.54 -2.57	63.92 4.77 -3.03	64.20 4.92 -0.01	66.85 5.52 -0.01	66.77 5.68 -0.01	61.73 4.99 -0.01	64.00 5.34 -2.53	75.66 5.65 -11.19	77.29 6.22 -8.27	78.58 6.63 -6.99	80.43 7.02 -3.88	86.97 6.87 -2.91	107.76 8.56 -12.80	112.75 7.60 -24.25	90.11 5.70 -7.38	79.95 6.12 -0.03	77.77 5.35 -9.50	62.65 5.17 -0.01	58.60 4.29 0.00
HOLTSVILLE_IC_6 23695	103.84 6.58 -35.81	79.98 5.37 -23.91	68.71 5.01 -15.51	61.03 4.77 -7.09	62.42 4.91 -1.78	62.86 4.88 -2.57	64.26 5.11 -3.03	64.56 5.27 -0.01	67.27 5.95 -0.01	67.20 6.11 -0.01	62.13 5.39 -0.01	64.45 5.78 -2.53	76.13 6.12 -11.19	77.86 6.78 -8.27	79.16 7.21 -6.99	81.13 7.72 -3.88	89.45 7.72 -4.54	113.69 9.50 -17.78	126.50 8.49 -37.11	93.27 6.54 -9.70	80.70 6.86 -0.04	78.34 5.91 -9.50	63.11 5.64 -0.01	58.98 4.67 0.00
HOLTSVILLE_IC_7 23696	103.84 6.58 -35.81	79.98 5.37 -23.91	68.71 5.01 -15.51	61.03 4.77 -7.09	62.42 4.91 -1.78	62.86 4.88 -2.57	64.26 5.11 -3.03	64.56 5.27 -0.01	67.27 5.95 -0.01	67.20 6.11 -0.01	62.13 5.39 -0.01	64.45 5.78 -2.53	76.13 6.12 -11.19	77.86 6.78 -8.27	79.16 7.21 -6.99	81.13 7.72 -3.88	89.45 7.72 -4.54	113.69 9.50 -17.78	126.50 8.49 -37.11	93.27 6.54 -9.70	80.70 6.86 -0.04	78.34 5.91 -9.50	63.11 5.64 -0.01	58.98 4.67 0.00
HOLTSVILLE_IC_8 23697	103.84 6.58 -35.81	79.98 5.37 -23.91	68.71 5.01 -15.51	61.03 4.77 -7.09	62.42 4.91 -1.78	62.86 4.88 -2.57	64.26 5.11 -3.03	64.56 5.27 -0.01	67.27 5.95 -0.01	67.20 6.11 -0.01	62.13 5.39 -0.01	64.45 5.78 -2.53	76.13 6.12 -11.19	77.86 6.78 -8.27	79.16 7.21 -6.99	81.13 7.72 -3.88	89.45 7.72 -4.54	113.69 9.50 -17.78	126.50 8.49 -37.11	93.27 6.54 -9.70	80.70 6.86 -0.04	78.34 5.91 -9.50	63.11 5.64 -0.01	58.98 4.67 0.00
HOLTSVILLE_IC_9 23698	103.84 6.58 -35.81	79.98 5.37 -23.91	68.71 5.01 -15.51	61.03 4.77 -7.09	62.42 4.91 -1.78	62.86 4.88 -2.57	64.26 5.11 -3.03	64.56 5.27 -0.01	67.27 5.95 -0.01	67.20 6.11 -0.01	62.13 5.39 -0.01	64.45 5.78 -2.53	76.13 6.12 -11.19	77.86 6.78 -8.27	79.16 7.21 -6.99	81.13 7.72 -3.88	89.45 7.72 -4.54	113.69 9.50 -17.78	126.50 8.49 -37.11	93.27 6.54 -9.70	80.70 6.86 -0.04	78.34 5.91 -9.50	63.11 5.64 -0.01	58.98 4.67 0.00
HOMER_HL_115KV_TB2 355744	59.58 -3.32 -1.44	50.17 -2.69 -2.16	47.44 -2.65 -1.90	47.59 -3.00 -1.42	51.80 -4.29 -0.35	51.88 -4.04 -0.51	52.74 -3.98 -0.61	54.12 -5.16 0.00	56.04 -5.27 0.00	56.56 -4.52 0.00	53.84 -2.89 0.00	53.83 -2.30 0.00	57.06 -1.76 0.00	60.92 -1.88 0.00	63.14 -1.82 0.00	67.73 -1.81 0.00	76.65 -0.54 0.00	85.63 -0.78 0.00	80.57 -0.32 0.00	76.57 -0.46 0.00	72.62 -1.18 0.00	60.10 -2.83 0.00	55.06 -2.41 0.00	52.13 -2.17 0.00
HOWARD_WT_PWR 323690	61.25 -1.84 -1.64	51.73 -1.42 -2.45	49.04 -1.30 -2.16	49.25 -1.52 -1.61	53.74 -2.40 -0.40	53.89 -2.11 -0.58	54.84 -1.97 -0.69	56.31 -2.96 0.00	58.13 -3.19 0.00	58.34 -2.75 0.00	55.31 -1.42 0.00	54.73 -1.40 0.00	57.82 -1.00 0.00	61.61 -1.20 0.00	63.59 -1.37 0.00	68.14 -1.39 0.00	77.11 -0.08 0.00	86.40 0.00 0.00	81.87 0.97 0.00	78.57 1.54 0.00	74.69 0.89 0.00	62.74 -0.19 0.00	57.30 -0.17 0.00	54.47 0.16 0.00
HQ_GEN_CEDARS 23644	61.08 -0.37 0.00	50.39 -0.30 0.00	47.85 -0.34 0.00	48.93 -0.25 0.00	55.85 0.11 0.00	55.47 0.06 0.00	56.29 0.17 0.00	60.10 0.83 0.00	61.99 0.67 0.00	61.63 0.55 0.00	57.18 0.45 0.00	56.53 0.39 0.00	59.17 0.35 0.00	62.99 0.19 0.00	64.89 -0.06 0.00	69.12 -0.42 0.00	76.57 -0.62 0.00	85.28 -1.12 0.00	79.85 -1.05 0.00	76.88 -0.15 0.00	73.87 0.07 0.00	63.37 0.44 0.00	58.04 0.57 0.00	54.85 0.54 0.00
HQ_GEN_CEDARS_PROXY 323590	61.08 -0.37 0.00	50.40 -0.30 0.00	47.85 -0.33 0.00	48.93 -0.24 0.00	55.85 0.11 0.00	55.47 0.06 0.00	53.30 0.17 2.99	63.09 0.83 -2.99	61.99 0.68 0.00	61.63 0.55 0.00	57.13 0.40 0.00	56.53 0.40 0.00	58.22 0.36 0.95	63.88 0.13 -0.95	64.89 -0.06 0.00	69.05 -0.48 0.00	76.49 -0.70 0.00	85.28 -1.13 0.00	79.84 -1.05 0.00	76.80 -0.23 0.00	73.88 0.07 0.00	63.37 0.44 0.00	59.10 0.57 -1.05	53.79 0.54 1.05

HQ_GEN_IMPORT 323601	60.72 -0.73 0.00	50.14 -0.56 0.00	47.65 -0.53 0.00	48.63 -0.54 0.00	55.35 -0.39 0.00	55.02 -0.39 0.00	52.74 -0.39 2.99	62.26 0.00 -2.99	61.32 0.00 0.00	60.96 -0.12 0.00	56.62 -0.11 0.00	56.02 -0.11 0.00	57.75 -0.12 0.95	63.57 -0.19 -0.95	64.70 -0.26 0.00	69.19 -0.35 0.00	76.57 -0.62 0.00	85.37 -1.03 0.00	79.93 -0.97 0.00	76.57 -0.46 0.00	73.43 -0.37 0.00	62.74 -0.19 0.00	58.41 -0.11 -1.05	53.14 -0.11 1.05
HQ_GEN_WHEEL 23651	60.72 -0.73 0.00	50.14 -0.56 0.00	47.65 -0.53 0.00	48.63 -0.54 0.00	55.35 -0.39 0.00	55.02 -0.39 0.00	52.74 -0.39 2.99	62.26 0.00 -2.99	61.32 0.00 0.00	60.96 -0.12 0.00	56.62 -0.11 0.00	56.02 -0.11 0.00	57.75 -0.12 0.95	63.57 -0.19 -0.95	64.70 -0.26 0.00	69.19 -0.35 0.00	76.57 -0.62 0.00	85.37 -1.03 0.00	79.93 -0.97 0.00	76.57 -0.46 0.00	73.43 -0.37 0.00	62.74 -0.19 0.00	58.41 -0.11 -1.05	53.14 -0.11 1.05
HUDSON_AVE_GT_3 23810	73.15 4.49 -7.22	64.99 3.50 -10.79	61.11 3.42 -9.51	59.59 3.34 -7.08	60.85 3.34 -1.77	61.13 3.16 -2.57	62.63 3.48 -3.02	62.89 3.62 0.00	65.43 4.11 0.00	65.42 4.34 0.00	61.10 4.37 0.00	60.85 4.72 0.00	63.70 4.88 0.00	68.20 5.40 0.00	70.68 5.72 0.00	75.44 5.91 0.00	83.52 6.33 0.00	94.35 7.95 0.00	87.69 6.80 0.00	81.65 4.62 0.00	78.16 4.35 0.00	67.08 4.15 0.00	61.44 3.97 0.00	58.00 3.69 0.00
HUDSON_AVE_GT_4 23540	73.15 4.49 -7.22	64.99 3.50 -10.79	61.11 3.42 -9.51	59.59 3.34 -7.08	60.85 3.34 -1.77	61.13 3.16 -2.57	62.63 3.48 -3.02	62.89 3.62 0.00	65.43 4.11 0.00	65.42 4.34 0.00	61.10 4.37 0.00	60.85 4.72 0.00	63.70 4.88 0.00	68.20 5.40 0.00	70.68 5.72 0.00	75.44 5.91 0.00	83.52 6.33 0.00	94.35 7.95 0.00	87.69 6.80 0.00	81.65 4.62 0.00	78.16 4.35 0.00	67.08 4.15 0.00	61.44 3.97 0.00	58.00 3.69 0.00
HUDSON_AVE_GT_5 23657	73.15 4.49 -7.22	64.99 3.50 -10.79	61.11 3.42 -9.51	59.59 3.34 -7.08	60.85 3.34 -1.77	61.13 3.16 -2.57	62.63 3.48 -3.02	62.89 3.62 0.00	65.43 4.11 0.00	65.42 4.34 0.00	61.10 4.37 0.00	60.85 4.72 0.00	63.70 4.88 0.00	68.20 5.40 0.00	70.68 5.72 0.00	75.44 5.91 0.00	83.52 6.33 0.00	94.35 7.95 0.00	87.69 6.80 0.00	81.65 4.62 0.00	78.16 4.35 0.00	67.08 4.15 0.00	61.44 3.97 0.00	58.00 3.69 0.00
HUDSON_AVE_10 24168	73.03 4.36 -7.22	64.89 3.40 -10.79	60.97 3.28 -9.51	59.40 3.15 -7.08	60.68 3.18 -1.77	60.91 2.94 -2.57	62.46 3.31 -3.02	62.77 3.50 0.00	65.30 3.99 0.00	65.30 4.21 0.00	60.93 4.20 0.00	60.63 4.49 0.00	63.53 4.71 0.00	68.02 5.21 0.00	70.48 5.52 0.00	75.24 5.70 0.00	83.29 6.10 0.00	94.09 7.69 0.00	87.45 6.55 0.00	81.42 4.39 0.00	77.93 4.13 0.00	66.89 3.96 0.00	61.32 3.85 0.00	57.84 3.53 0.00
HUDSON___115KV_TB 4 355613	80.99 3.20 -16.34	77.87 2.74 -24.44	72.32 2.60 -21.53	67.81 2.61 -16.03	62.64 2.90 -4.00	64.10 2.88 -5.81	65.83 2.86 -6.85	62.00 2.73 0.00	63.71 2.39 0.00	63.16 2.08 0.00	58.15 1.42 0.00	57.31 1.18 0.00	60.06 1.24 0.00	63.81 1.00 0.00	62.80 1.43 3.59	66.54 1.74 4.73	72.50 1.85 6.54	88.89 2.51 0.02	83.23 2.35 0.02	78.80 1.77 0.00	75.79 1.99 0.00	64.82 1.89 0.00	59.12 1.67 0.02	56.14 1.85 0.02
HUNTER MOUNT___DRP 323613	79.60 3.44 -14.71	75.59 2.89 -22.00	70.27 2.70 -19.38	66.31 2.70 -14.43	62.35 3.01 -3.60	63.63 2.99 -5.23	65.26 2.97 -6.17	62.30 3.02 0.00	63.95 2.64 0.00	63.35 2.26 0.00	58.21 1.47 0.00	57.31 1.18 0.00	60.11 1.29 0.00	63.68 0.88 0.00	61.30 1.56 5.22	64.60 1.95 6.88	69.83 2.16 9.52	89.23 2.85 0.02	83.46 2.59 0.02	78.88 1.85 0.00	75.94 2.14 0.00	64.94 2.01 0.00	59.29 1.84 0.02	56.40 2.12 0.02
HUNTINGTON_RES_REC 323705	103.22 5.96 -35.81	79.38 4.76 -23.91	68.18 4.48 -15.51	60.59 4.33 -7.09	61.91 4.40 -1.78	62.31 4.32 -2.57	63.76 4.60 -3.03	63.96 4.68 -0.01	66.66 5.33 -0.01	66.59 5.50 -0.01	61.73 4.99 -0.01	64.11 5.44 -2.53	75.78 5.77 -11.19	77.35 6.28 -8.27	78.58 6.63 -6.99	80.44 6.95 -3.96	92.43 7.02 -8.22	92.11 8.72 3.01	160.79 7.84 -72.04	83.50 5.78 -0.69	79.82 5.91 -0.11	77.59 5.16 -9.50	62.59 5.11 -0.01	58.54 4.24 0.00
HUNTLEY___63 23557	59.68 -2.95 -1.18	50.08 -2.38 -1.77	47.38 -2.36 -1.56	47.53 -2.80 -1.16	51.73 -4.29 -0.29	51.67 -4.16 -0.42	52.02 -4.60 -0.50	53.11 -6.16 0.00	55.00 -6.32 0.00	55.71 -5.38 0.00	52.87 -3.86 0.00	53.10 -3.03 0.00	56.41 -2.41 0.00	59.54 -3.27 0.00	61.58 -3.38 0.00	65.64 -3.89 0.00	74.18 -3.01 0.00	83.03 -3.37 0.00	78.15 -2.75 0.00	74.26 -2.77 0.00	70.78 -3.03 0.00	58.90 -4.03 0.00	54.37 -3.10 0.00	51.59 -2.72 0.00
HUNTLEY___64 23558	59.68 -2.95 -1.18	50.08 -2.38 -1.77	47.38 -2.36 -1.56	47.53 -2.80 -1.16	51.73 -4.29 -0.29	51.67 -4.16 -0.42	52.02 -4.60 -0.50	53.11 -6.16 0.00	55.00 -6.32 0.00	55.71 -5.38 0.00	52.87 -3.86 0.00	53.10 -3.03 0.00	56.41 -2.41 0.00	59.54 -3.27 0.00	61.58 -3.38 0.00	65.64 -3.89 0.00	74.18 -3.01 0.00	83.03 -3.37 0.00	78.15 -2.75 0.00	74.26 -2.77 0.00	70.78 -3.03 0.00	58.90 -4.03 0.00	54.37 -3.10 0.00	51.59 -2.72 0.00
HUNTLEY___65 23559	59.68 -2.95 -1.18	50.08 -2.38 -1.77	47.38 -2.36 -1.56	47.53 -2.80 -1.16	51.73 -4.29 -0.29	51.67 -4.16 -0.42	52.02 -4.60 -0.50	53.11 -6.16 0.00	55.00 -6.32 0.00	55.71 -5.38 0.00	52.87 -3.86 0.00	53.10 -3.03 0.00	56.41 -2.41 0.00	59.54 -3.27 0.00	61.58 -3.38 0.00	65.64 -3.89 0.00	74.18 -3.01 0.00	83.03 -3.37 0.00	78.15 -2.75 0.00	74.26 -2.77 0.00	70.78 -3.03 0.00	58.90 -4.03 0.00	54.37 -3.10 0.00	51.59 -2.72 0.00
HUNTLEY___66 23560	59.68 -2.95 -1.18	50.08 -2.38 -1.77	47.38 -2.36 -1.56	47.53 -2.80 -1.16	51.73 -4.29 -0.29	51.67 -4.16 -0.42	52.02 -4.60 -0.50	53.11 -6.16 0.00	55.00 -6.32 0.00	55.71 -5.38 0.00	52.87 -3.86 0.00	53.10 -3.03 0.00	56.41 -2.41 0.00	59.54 -3.27 0.00	61.58 -3.38 0.00	65.64 -3.89 0.00	74.18 -3.01 0.00	83.03 -3.37 0.00	78.15 -2.75 0.00	74.26 -2.77 0.00	70.78 -3.03 0.00	58.90 -4.03 0.00	54.37 -3.10 0.00	51.59 -2.72 0.00
HUNTLEY___67 23561	59.22 -3.44 -1.21	49.77 -2.74 -1.81	47.13 -2.65 -1.59	47.26 -3.10 -1.19	51.41 -4.63 -0.30	51.35 -4.49 -0.43	51.97 -4.66 -0.51	53.05 -6.22 0.00	54.94 -6.38 0.00	55.59 -5.50 0.00	52.76 -3.97 0.00	52.99 -3.14 0.00	56.23 -2.59 0.00	59.41 -3.39 0.00	61.45 -3.51 0.00	65.78 -3.75 0.00	74.41 -2.78 0.00	83.38 -3.02 0.00	78.39 -2.51 0.00	74.56 -2.46 0.00	70.85 -2.95 0.00	58.78 -4.15 0.00	54.25 -3.22 0.00	51.48 -2.82 0.00
HUNTLEY___68 23562	59.22 -3.44 -1.21	49.77 -2.74 -1.81	47.13 -2.65 -1.59	47.26 -3.10 -1.19	51.41 -4.63 -0.30	51.35 -4.49 -0.43	51.97 -4.66 -0.51	53.05 -6.22 0.00	54.94 -6.38 0.00	55.59 -5.50 0.00	52.76 -3.97 0.00	52.99 -3.14 0.00	56.23 -2.59 0.00	59.41 -3.39 0.00	61.45 -3.51 0.00	65.78 -3.75 0.00	74.41 -2.78 0.00	83.38 -3.02 0.00	78.39 -2.51 0.00	74.56 -2.46 0.00	70.85 -2.95 0.00	58.78 -4.15 0.00	54.25 -3.22 0.00	51.48 -2.82 0.00

HYLAND___LFGE 323620	61.85 -0.92 -1.32	51.97 -0.71 -1.98	49.15 -0.77 -1.74	49.34 -1.13 -1.30	54.06 -2.00 -0.32	54.05 -1.83 -0.47	54.77 -1.91 -0.55	55.90 -3.38 0.00	57.02 -4.29 0.00	56.69 -4.40 0.00	53.38 -3.35 0.00	52.71 -3.43 0.00	55.59 -3.24 0.00	59.10 -3.71 0.00	61.13 -3.83 0.00	65.50 -4.03 0.00	74.41 -2.78 0.00	84.08 -2.33 0.00	80.50 -0.40 0.00	78.42 1.39 0.00	74.91 1.11 0.00	63.05 0.13 0.00	57.53 0.06 0.00	56.15 1.85 0.00
INDECK___CORINTH 23802	94.91 3.32 -30.15	98.37 2.58 -45.09	90.32 2.41 -39.72	81.15 2.41 -29.57	65.74 2.62 -7.38	68.79 2.66 -10.72	71.40 2.64 -12.64	61.71 2.43 0.00	63.71 2.39 0.00	63.10 2.01 0.00	57.75 1.02 0.00	57.03 0.90 0.00	59.53 0.71 0.00	63.56 0.76 0.00	65.80 0.84 0.00	70.79 1.25 0.00	78.73 1.54 0.00	88.82 2.42 0.00	83.97 3.07 0.00	79.96 2.93 0.00	77.04 3.24 0.00	65.51 2.58 0.00	59.65 2.18 0.00	56.10 1.79 0.00
INDECK___ILION 23567	61.94 0.49 0.00	51.10 0.41 0.00	48.57 0.39 0.00	49.61 0.44 0.00	56.24 0.50 0.00	56.02 0.61 0.00	56.85 0.73 0.00	59.93 0.65 0.00	62.05 0.74 0.00	61.82 0.73 0.00	57.41 0.68 0.00	56.81 0.67 0.00	59.47 0.65 0.00	63.49 0.69 0.00	65.67 0.71 0.00	70.30 0.76 0.00	78.12 0.93 0.00	87.61 1.21 0.00	81.95 1.05 0.00	77.88 0.85 0.00	74.69 0.89 0.00	63.75 0.82 0.00	58.22 0.75 0.00	55.01 0.71 0.00
INDECK___OLEAN 23982	59.58 -3.32 -1.44	50.17 -2.69 -2.16	47.44 -2.65 -1.90	47.59 -3.00 -1.42	51.80 -4.29 -0.35	51.88 -4.04 -0.51	52.74 -3.98 -0.61	54.12 -5.16 0.00	56.04 -5.27 0.00	56.57 -4.52 0.00	54.24 -2.49 0.00	53.83 -2.30 0.00	57.06 -1.76 0.00	61.04 -1.76 0.00	63.14 -1.82 0.00	67.73 -1.81 0.00	76.81 -0.38 0.00	85.54 -0.86 0.00	80.58 -0.32 0.00	76.88 -0.15 0.00	72.62 -1.18 0.00	60.60 -2.33 0.00	55.34 -2.13 0.00	52.68 -1.63 0.00
INDECK___OSWEGO 23783	59.55 -1.91 0.00	49.18 -1.52 0.00	46.74 -1.44 0.00	47.55 -1.62 0.00	53.73 -2.00 0.00	53.42 -1.99 0.00	54.16 -1.97 0.00	56.96 -2.31 0.00	58.93 -2.39 0.00	58.76 -2.32 0.00	54.80 -1.93 0.00	54.23 -1.91 0.00	56.82 -2.00 0.00	60.60 -2.20 0.00	62.62 -2.34 0.00	67.03 -2.50 0.00	74.80 -2.39 0.00	83.81 -2.59 0.00	78.63 -2.26 0.00	74.95 -2.08 0.00	71.74 -2.07 0.00	61.04 -1.89 0.00	55.75 -1.72 0.00	53.06 -1.25 0.00
INDECK___YERKES 23781	59.75 -2.89 -1.18	50.14 -2.33 -1.77	47.43 -2.31 -1.56	47.58 -2.75 -1.16	51.79 -4.24 -0.29	51.73 -4.10 -0.42	52.07 -4.54 -0.50	53.17 -6.10 0.00	55.13 -6.19 0.00	55.77 -5.31 0.00	53.55 -3.18 0.00	53.21 -2.92 0.00	56.47 -2.35 0.00	59.79 -3.01 0.00	61.65 -3.31 0.00	65.71 -3.82 0.00	74.57 -2.62 0.00	82.95 -3.46 0.00	78.15 -2.75 0.00	74.95 -2.08 0.00	70.77 -3.03 0.00	59.72 -3.21 0.00	54.77 -2.70 0.00	52.52 -1.79 0.00
INDIAN POINT_GT_1 24139	72.47 3.87 -7.15	64.39 2.99 -10.70	60.50 2.89 -9.42	59.04 2.85 -7.02	60.39 2.90 -1.75	60.72 2.77 -2.54	62.15 3.03 -3.00	62.24 2.96 0.00	64.63 3.31 0.00	64.57 3.48 0.00	60.19 3.46 0.00	59.78 3.65 0.00	62.64 3.82 0.00	67.07 4.27 0.00	69.57 4.61 0.00	74.40 4.87 0.00	82.44 5.25 0.00	93.06 6.65 0.00	86.64 5.74 0.00	80.96 3.93 0.00	77.57 3.76 0.00	66.39 3.46 0.00	60.63 3.16 0.00	57.18 2.88 0.00
INDIAN POINT_GT_2 23659	72.47 3.87 -7.15	64.39 2.99 -10.70	60.50 2.89 -9.42	59.04 2.85 -7.02	60.39 2.90 -1.75	60.72 2.77 -2.54	62.15 3.03 -3.00	62.24 2.96 0.00	64.63 3.31 0.00	64.57 3.48 0.00	60.19 3.46 0.00	59.78 3.65 0.00	62.64 3.82 0.00	67.07 4.27 0.00	69.57 4.61 0.00	74.40 4.87 0.00	82.44 5.25 0.00	93.06 6.65 0.00	86.64 5.74 0.00	80.96 3.93 0.00	77.57 3.76 0.00	66.39 3.46 0.00	60.63 3.16 0.00	57.18 2.88 0.00
INDIAN POINT_GT_3 24019	72.47 3.87 -7.15	64.39 2.99 -10.70	60.50 2.89 -9.42	59.04 2.85 -7.02	60.39 2.90 -1.75	60.72 2.77 -2.54	62.15 3.03 -3.00	62.24 2.96 0.00	64.63 3.31 0.00	64.57 3.48 0.00	60.19 3.46 0.00	59.78 3.65 0.00	62.64 3.82 0.00	67.07 4.27 0.00	69.57 4.61 0.00	74.40 4.87 0.00	82.44 5.25 0.00	93.06 6.65 0.00	86.64 5.74 0.00	80.96 3.93 0.00	77.57 3.76 0.00	66.39 3.46 0.00	60.63 3.16 0.00	57.18 2.88 0.00
INDIAN POINT___2 23530	72.25 3.75 -7.05	64.13 2.89 -10.55	60.27 2.79 -9.29	58.84 2.75 -6.92	60.25 2.79 -1.73	60.58 2.66 -2.51	61.99 2.92 -2.96	62.12 2.85 0.00	64.57 3.25 0.00	64.50 3.42 0.00	59.96 3.23 0.00	59.67 3.54 0.00	62.59 3.77 0.00	67.01 4.21 0.00	69.50 4.55 0.00	74.33 4.79 0.00	82.36 5.17 0.00	92.97 6.56 0.00	86.48 5.58 0.00	80.96 3.93 0.00	77.49 3.69 0.00	66.14 3.21 0.00	60.46 2.99 0.00	57.02 2.71 0.00
INDIAN POINT___3 23531	72.36 3.75 -7.16	64.29 2.89 -10.70	60.41 2.79 -9.43	58.95 2.75 -7.02	60.33 2.84 -1.75	60.61 2.66 -2.54	62.04 2.92 -3.00	62.12 2.85 0.00	64.57 3.25 0.00	64.44 3.36 0.00	60.08 3.35 0.00	59.67 3.54 0.00	62.53 3.71 0.00	67.01 4.21 0.00	69.44 4.48 0.00	74.26 4.73 0.00	82.28 5.09 0.00	92.88 6.48 0.00	86.48 5.58 0.00	80.80 3.77 0.00	77.42 3.62 0.00	66.26 3.34 0.00	60.52 3.05 0.00	57.13 2.82 0.00
INGHAM_C_115KV_TB7 356103	61.94 0.49 0.00	51.10 0.41 0.00	48.57 0.39 0.00	49.66 0.49 0.00	56.35 0.61 0.00	56.19 0.78 0.00	57.08 0.95 0.00	60.22 0.95 0.00	62.42 1.10 0.00	62.25 1.16 0.00	57.81 1.08 0.00	57.20 1.07 0.00	59.94 1.12 0.00	63.93 1.13 0.00	66.13 1.17 0.00	70.58 1.04 0.00	78.50 1.31 0.00	88.05 1.64 0.00	82.35 1.46 0.00	78.34 1.31 0.00	75.13 1.33 0.00	64.25 1.32 0.00	58.62 1.15 0.00	55.45 1.14 0.00
IP CORINTH___1 23988	95.22 3.63 -30.15	98.67 2.89 -45.09	90.61 2.70 -39.72	81.40 2.66 -29.57	66.07 2.95 -7.38	69.07 2.94 -10.72	71.73 2.97 -12.64	62.00 2.73 0.00	64.08 2.76 0.00	63.47 2.38 0.00	58.15 1.42 0.00	57.31 1.18 0.00	59.88 1.06 0.00	63.93 1.13 0.00	66.13 1.17 0.00	71.20 1.67 0.00	79.12 1.93 0.00	89.34 2.94 0.00	84.46 3.56 0.00	80.34 3.31 0.00	77.42 3.62 0.00	65.95 3.02 0.00	60.00 2.53 0.00	56.48 2.17 0.00
IP___TICONDEROGA 23804	97.33 5.96 -29.92	100.11 4.66 -44.75	91.95 4.34 -39.43	82.80 4.28 -29.35	67.80 4.74 -7.33	70.87 4.82 -10.64	73.38 4.71 -12.54	63.66 4.39 0.00	65.67 4.35 0.00	64.81 3.73 0.00	59.45 2.72 0.00	58.55 2.41 0.00	61.17 2.35 0.00	65.31 2.51 0.00	67.49 2.53 0.00	72.80 3.27 0.00	80.97 3.78 0.00	91.76 5.36 0.00	86.72 5.82 0.00	82.96 5.93 0.00	80.15 6.35 0.00	68.03 5.10 0.00	61.84 4.37 0.00	58.11 3.80 0.00
ISLIP_RES_REC 323679	104.32 7.06 -35.81	80.34 5.73 -23.91	69.04 5.35 -15.51	61.37 5.11 -7.09	62.75 5.24 -1.78	63.19 5.21 -2.57	64.60 5.44 -3.03	64.97 5.69 -0.01	67.70 6.38 -0.01	67.69 6.60 -0.01	62.58 5.84 -0.01	64.95 6.29 -2.53	76.59 6.59 -11.19	78.36 7.28 -8.27	79.80 7.86 -6.99	81.75 8.34 -3.88	90.91 8.41 -5.31	119.93 10.36 -23.16	132.79 9.30 -42.59	96.41 7.24 -12.14	81.37 7.53 -0.03	78.85 6.42 -9.50	63.51 6.03 -0.01	59.30 4.99 0.00

JAMAICA__27_KV_LOAD 355505	73.64 4.98 -7.22	65.29 3.80 -10.79	61.30 3.61 -9.51	59.69 3.44 -7.08	60.90 3.40 -1.77	61.19 3.21 -2.57	62.85 3.70 -3.02	63.25 3.97 0.00	65.86 4.54 0.00	65.91 4.83 0.00	61.27 4.54 0.00	61.08 4.94 0.00	63.94 5.12 0.00	68.45 5.65 0.00	71.00 6.04 0.00	75.86 6.33 0.00	83.98 6.79 0.00	95.04 8.64 0.00	88.34 7.44 0.00	82.19 5.16 0.00	78.67 4.87 0.00	67.40 4.47 0.00	61.89 4.43 0.00	58.27 3.96 0.00
JANIS__SOLAR 323808	66.35 2.28 -2.62	56.44 1.82 -3.92	53.28 1.64 -3.45	53.22 1.47 -2.57	57.71 1.34 -0.64	57.84 1.50 -0.93	58.96 1.74 -1.10	60.64 1.36 0.00	62.36 1.04 0.00	61.88 0.79 0.00	57.58 0.85 0.00	56.81 0.68 0.00	59.47 0.65 0.00	63.30 0.50 0.00	65.48 0.52 0.00	70.30 0.77 0.00	79.28 2.08 0.00	89.43 3.02 0.00	84.54 3.64 0.00	81.11 4.08 0.00	77.64 3.84 0.00	65.83 2.90 0.00	59.83 2.36 0.00	56.48 2.17 0.00
JARVIS____ 23743	61.94 0.49 0.00	51.10 0.40 0.00	48.57 0.38 0.00	49.56 0.39 0.00	56.13 0.39 0.00	55.85 0.44 0.00	56.57 0.45 0.00	59.57 0.30 0.00	61.69 0.37 0.00	61.45 0.37 0.00	57.02 0.29 0.00	56.42 0.28 0.00	59.06 0.24 0.00	63.05 0.25 0.00	65.22 0.26 0.00	69.88 0.35 0.00	77.58 0.39 0.00	87.01 0.61 0.00	81.47 0.57 0.00	77.42 0.39 0.00	74.17 0.37 0.00	63.25 0.32 0.00	57.76 0.29 0.00	54.52 0.22 0.00
JENNISON____1 23625	68.25 2.89 -3.91	58.87 2.33 -5.84	55.45 2.12 -5.15	55.02 2.02 -3.83	58.70 2.01 -0.96	58.96 2.16 -1.39	60.12 2.36 -1.64	61.29 2.02 0.00	63.28 1.96 0.00	62.98 1.89 0.00	58.66 1.93 0.00	58.04 1.91 0.00	60.70 1.88 0.00	64.62 1.82 0.00	66.84 1.88 0.00	71.76 2.23 0.00	80.66 3.47 0.00	90.90 4.49 0.00	85.35 4.45 0.00	81.50 4.47 0.00	78.08 4.28 0.00	66.14 3.21 0.00	60.11 2.64 0.00	56.70 2.39 0.00
JENNISON____2 23626	68.25 2.89 -3.91	58.87 2.33 -5.84	55.45 2.12 -5.15	55.02 2.02 -3.83	58.70 2.01 -0.96	58.96 2.16 -1.39	60.12 2.36 -1.64	61.29 2.02 0.00	63.28 1.96 0.00	62.98 1.89 0.00	58.66 1.93 0.00	58.04 1.91 0.00	60.70 1.88 0.00	64.62 1.82 0.00	66.84 1.88 0.00	71.76 2.23 0.00	80.66 3.47 0.00	90.90 4.49 0.00	85.35 4.45 0.00	81.50 4.47 0.00	78.08 4.28 0.00	66.14 3.21 0.00	60.11 2.64 0.00	56.70 2.39 0.00
JERICOHO_RISE_WT_PWR 323719	59.73 -1.72 0.00	49.33 -1.37 0.00	46.98 -1.20 0.00	48.09 -1.08 0.00	55.01 -0.73 0.00	54.86 -0.55 0.00	55.79 -0.33 0.00	59.63 0.36 0.00	61.69 0.37 0.00	61.08 0.00 0.00	56.62 -0.11 0.00	55.97 -0.17 0.00	58.70 -0.12 0.00	62.55 -0.25 0.00	64.57 -0.39 0.00	68.91 -0.63 0.00	76.27 -0.92 0.00	85.02 -1.39 0.00	79.60 -1.30 0.00	76.57 -0.46 0.00	73.51 -0.29 0.00	62.99 0.06 0.00	57.76 0.29 0.00	54.63 0.33 0.00
KATONAH__115KV_46KV_TB4 355592	72.99 4.18 -7.36	64.95 3.24 -11.01	61.06 3.18 -9.70	59.54 3.15 -7.22	60.77 3.23 -1.80	61.13 3.10 -2.62	62.57 3.37 -3.08	62.53 3.26 0.00	64.94 3.62 0.00	64.81 3.73 0.00	60.36 3.63 0.00	59.84 3.70 0.00	62.82 4.00 0.00	67.26 4.46 0.00	69.70 4.74 0.00	74.68 5.15 0.00	82.67 5.48 0.00	93.32 6.91 0.00	87.05 6.15 0.00	81.27 4.24 0.00	77.93 4.13 0.00	66.64 3.71 0.00	60.86 3.39 0.00	57.40 3.10 0.00
KCE_NY_1 323755	95.04 3.99 -29.60	98.16 3.20 -44.27	90.23 3.04 -39.01	81.26 3.05 -29.04	66.39 3.40 -7.25	69.32 3.38 -10.53	71.90 3.37 -12.41	62.41 3.14 0.00	64.44 3.13 0.00	63.90 2.81 0.00	58.83 2.10 0.00	58.10 1.96 0.00	60.76 1.94 0.00	65.00 2.20 0.00	67.29 2.34 0.00	72.32 2.78 0.00	80.36 3.17 0.00	90.55 4.15 0.00	85.10 4.20 0.00	80.80 3.77 0.00	77.64 3.84 0.00	66.14 3.21 0.00	60.29 2.82 0.00	56.81 2.50 0.00
KCE_NY_6_ESR 323823	59.83 -2.89 -1.27	50.32 -2.28 -1.90	47.59 -2.26 -1.67	47.76 -2.66 -1.25	51.92 -4.12 -0.31	51.93 -3.93 -0.45	52.61 -4.04 -0.53	53.76 -5.51 0.00	55.74 -5.58 0.00	56.38 -4.70 0.00	54.07 -2.67 0.00	53.72 -2.41 0.00	57.00 -1.82 0.00	60.48 -2.32 0.00	62.36 -2.60 0.00	66.82 -2.71 0.00	75.88 -1.31 0.00	84.59 -1.82 0.00	79.77 -1.13 0.00	76.18 -0.85 0.00	71.96 -1.84 0.00	60.41 -2.52 0.00	55.34 -2.13 0.00	52.95 -1.36 0.00
KEDC_PORT_JEFF_GT2 24210	103.65 6.39 -35.81	79.84 5.22 -23.91	68.56 4.86 -15.51	60.93 4.67 -7.09	62.25 4.73 -1.78	62.69 4.71 -2.57	64.15 4.99 -3.03	64.38 5.10 -0.01	67.09 5.76 -0.01	67.02 5.92 -0.01	62.02 5.28 -0.01	64.33 5.67 -2.53	76.01 6.00 -11.19	77.67 6.59 -8.27	79.03 7.08 -6.99	80.93 7.51 -3.89	88.90 7.41 -4.30	109.06 8.99 -13.67	124.75 8.01 -35.84	91.05 6.16 -7.85	80.49 6.64 -0.04	78.15 5.73 -9.50	62.94 5.46 -0.01	58.81 4.50 0.00
KEDC_PORT_JEFF_GT3 24211	103.65 6.39 -35.81	79.84 5.22 -23.91	68.56 4.86 -15.51	60.93 4.67 -7.09	62.25 4.73 -1.78	62.69 4.71 -2.57	64.15 4.99 -3.03	64.38 5.10 -0.01	67.09 5.76 -0.01	67.02 5.92 -0.01	62.02 5.28 -0.01	64.33 5.67 -2.53	76.01 6.00 -11.19	77.67 6.59 -8.27	79.03 7.08 -6.99	80.93 7.51 -3.89	88.90 7.41 -4.30	109.06 8.99 -13.67	124.75 8.01 -35.84	91.05 6.16 -7.85	80.49 6.64 -0.04	78.15 5.73 -9.50	62.94 5.46 -0.01	58.81 4.50 0.00
KEDC_GLWD_GT4 24219	102.11 4.85 -35.81	78.42 3.80 -23.92	67.65 3.95 -15.51	60.14 3.88 -7.09	61.53 4.02 -1.78	61.86 3.88 -2.58	63.31 4.15 -3.03	63.49 4.21 -0.01	65.98 4.66 -0.01	65.98 4.89 -0.01	61.05 4.31 -0.01	63.32 4.66 -2.53	74.95 4.94 -11.19	76.48 5.40 -8.27	77.73 5.78 -6.99	79.52 6.12 -3.87	83.76 6.56 -0.01	108.88 8.21 -14.26	97.09 7.03 -9.16	97.00 5.16 -14.81	78.69 4.87 -0.02	76.71 4.28 -9.50	61.50 4.02 -0.01	58.22 3.91 0.00
KEDC_GLWD_GT5 24220	102.11 4.85 -35.81	78.42 3.80 -23.92	67.65 3.95 -15.51	60.14 3.88 -7.09	61.53 4.02 -1.78	61.86 3.88 -2.58	63.31 4.15 -3.03	63.49 4.21 -0.01	65.98 4.66 -0.01	65.98 4.89 -0.01	61.05 4.31 -0.01	63.32 4.66 -2.53	74.95 4.94 -11.19	76.48 5.40 -8.27	77.73 5.78 -6.99	79.52 6.12 -3.87	83.76 6.56 -0.01	108.88 8.21 -14.26	97.09 7.03 -9.16	97.00 5.16 -14.81	78.69 4.87 -0.02	76.71 4.28 -9.50	61.50 4.02 -0.01	58.22 3.91 0.00
KENSICO____ 23655	72.77 4.12 -7.21	64.72 3.24 -10.78	60.81 3.13 -9.50	59.29 3.05 -7.07	60.62 3.12 -1.76	60.96 2.99 -2.56	62.40 3.26 -3.02	62.48 3.20 0.00	64.94 3.62 0.00	64.87 3.79 0.00	60.47 3.74 0.00	60.07 3.93 0.00	62.94 4.12 0.00	67.39 4.58 0.00	69.90 4.94 0.00	74.75 5.21 0.00	82.75 5.56 0.00	93.40 7.00 0.00	86.97 6.07 0.00	81.19 4.16 0.00	77.79 3.99 0.00	66.64 3.71 0.00	60.92 3.45 0.00	57.46 3.15 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	73.71 4.67 -7.59	65.65 3.60 -11.35	61.56 3.37 -10.00	59.91 3.29 -7.45	61.05 3.46 -1.86	61.43 3.32 -2.70	62.84 3.54 -3.18	62.71 3.44 0.00	65.06 3.74 0.00	64.87 3.79 0.00	60.36 3.63 0.00	59.84 3.70 0.00	62.70 3.88 0.00	67.26 4.46 0.00	69.33 5.00 0.63	74.13 5.42 0.83	82.14 6.10 1.14	94.18 7.78 0.00	87.93 7.04 0.00	82.50 5.47 0.00	78.97 5.17 0.00	67.33 4.41 0.00	61.43 3.97 0.00	57.78 3.48 0.00

KIAC_JFK_GT1 23816	72.97 4.30 -7.22	64.79 3.30 -10.79	60.82 3.13 -9.51	59.20 2.95 -7.08	60.40 2.90 -1.77	60.69 2.72 -2.57	62.34 3.20 -3.02	62.65 3.38 0.00	65.24 3.92 0.00	65.30 4.21 0.00	60.70 3.97 0.00	60.46 4.32 0.00	63.35 4.53 0.00	67.83 5.02 0.00	70.35 5.39 0.00	75.17 5.63 0.00	83.13 5.94 0.00	94.01 7.60 0.00	87.37 6.47 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.77 3.84 0.00	61.26 3.79 0.00	57.73 3.42 0.00
KIAC_JFK_GT2 23817	72.97 4.30 -7.22	64.79 3.30 -10.79	60.82 3.13 -9.51	59.20 2.95 -7.08	60.40 2.90 -1.77	60.69 2.72 -2.57	62.34 3.20 -3.02	62.65 3.38 0.00	65.24 3.92 0.00	65.30 4.21 0.00	60.70 3.97 0.00	60.46 4.32 0.00	63.35 4.53 0.00	67.83 5.02 0.00	70.35 5.39 0.00	75.17 5.63 0.00	83.13 5.94 0.00	94.01 7.60 0.00	87.37 6.47 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.77 3.84 0.00	61.26 3.79 0.00	57.73 3.42 0.00
KIAC_JFK____ 323774	72.97 4.30 -7.22	64.78 3.29 -10.79	60.82 3.13 -9.51	59.20 2.95 -7.08	60.40 2.90 -1.77	60.69 2.71 -2.57	62.29 3.14 -3.02	62.65 3.38 0.00	65.25 3.93 0.00	65.30 4.21 0.00	60.53 3.80 0.00	60.46 4.32 0.00	63.35 4.53 0.00	67.76 4.96 0.00	70.35 5.39 0.00	75.16 5.63 0.00	83.13 5.94 0.00	94.09 7.69 0.00	87.29 6.39 0.00	81.42 4.39 0.00	77.86 4.06 0.00	66.58 3.65 0.00	61.15 3.68 0.00	57.62 3.31 0.00
KINTIGH__24_KV_GSU 356498	59.34 -3.13 -1.02	49.79 -2.43 -1.53	47.12 -2.41 -1.35	47.37 -2.80 -1.00	51.86 -4.12 -0.25	51.73 -4.04 -0.36	52.34 -4.21 -0.43	53.76 -5.51 0.00	55.68 -5.64 0.00	56.20 -4.89 0.00	53.61 -3.12 0.00	53.21 -2.92 0.00	56.29 -2.53 0.00	59.66 -3.14 0.00	61.58 -3.38 0.00	65.91 -3.62 0.00	74.57 -2.62 0.00	83.30 -3.11 0.00	78.31 -2.59 0.00	74.95 -2.08 0.00	71.00 -2.80 0.00	59.78 -3.14 0.00	54.77 -2.70 0.00	52.30 -2.01 0.00
KINTIGH____ 23543	59.34 -3.13 -1.02	49.79 -2.43 -1.53	47.12 -2.41 -1.35	47.37 -2.80 -1.00	51.81 -4.18 -0.25	51.73 -4.04 -0.36	52.34 -4.21 -0.43	53.76 -5.51 0.00	55.68 -5.64 0.00	56.20 -4.89 0.00	53.04 -3.69 0.00	53.22 -2.92 0.00	56.29 -2.53 0.00	59.54 -3.27 0.00	61.58 -3.38 0.00	65.85 -3.69 0.00	74.41 -2.78 0.00	83.38 -3.02 0.00	78.31 -2.59 0.00	74.49 -2.54 0.00	71.00 -2.80 0.00	59.09 -3.84 0.00	54.48 -2.99 0.00	51.64 -2.66 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	60.65 -0.80 0.00	50.09 -0.61 0.00	47.65 -0.53 0.00	48.83 -0.34 0.00	55.79 0.06 0.00	55.63 0.22 0.00	56.63 0.51 0.00	60.46 1.19 0.00	62.54 1.23 0.00	61.63 0.55 0.00	57.01 0.28 0.00	56.36 0.22 0.00	59.11 0.29 0.00	63.05 0.25 0.00	65.02 0.06 0.00	69.39 -0.14 0.00	76.96 -0.23 0.00	85.89 -0.52 0.00	80.41 -0.49 0.00	77.49 0.46 0.00	74.32 0.52 0.00	63.81 0.88 0.00	58.68 1.21 0.00	55.50 1.19 0.00
LACHUTE____HYDRO 323717	97.33 5.96 -29.92	100.11 4.66 -44.75	91.95 4.34 -39.43	82.80 4.28 -29.35	67.80 4.73 -7.33	70.87 4.82 -10.64	73.38 4.71 -12.54	63.66 4.39 0.00	65.67 4.35 0.00	64.81 3.73 0.00	59.40 2.67 0.00	58.55 2.41 0.00	61.18 2.36 0.00	65.32 2.51 0.00	67.49 2.53 0.00	72.80 3.27 0.00	80.97 3.78 0.00	91.76 5.36 0.00	86.73 5.83 0.00	83.04 6.01 0.00	80.15 6.35 0.00	67.97 5.04 0.00	61.84 4.37 0.00	58.05 3.74 0.00
LAWRNCV_115KV_TB1 80681	60.96 -0.49 0.00	50.29 -0.41 0.00	47.75 -0.43 0.00	48.78 -0.39 0.00	55.90 0.17 0.00	55.58 0.17 0.00	56.46 0.34 0.00	60.22 0.95 0.00	62.18 0.86 0.00	61.70 0.61 0.00	57.24 0.51 0.00	56.59 0.45 0.00	59.00 0.18 0.00	62.55 -0.25 0.00	64.31 -0.65 0.00	68.28 -1.25 0.00	75.65 -1.54 0.00	84.42 -1.99 0.00	79.04 -1.86 0.00	76.41 -0.62 0.00	73.65 -0.15 0.00	63.31 0.38 0.00	58.22 0.75 0.00	55.01 0.71 0.00
LEDERLE____ 23769	72.43 3.99 -6.98	64.23 3.09 -10.44	60.32 2.94 -9.20	58.92 2.90 -6.85	60.40 2.95 -1.71	60.72 2.83 -2.48	62.13 3.09 -2.93	62.30 3.02 0.00	64.75 3.43 0.00	64.69 3.60 0.00	60.36 3.63 0.00	59.90 3.76 0.00	62.82 4.00 0.00	67.32 4.52 0.00	69.83 4.87 0.00	74.75 5.21 0.00	82.83 5.63 0.00	93.49 7.09 0.00	87.05 6.15 0.00	81.34 4.31 0.00	77.93 4.13 0.00	66.58 3.65 0.00	60.80 3.33 0.00	57.35 3.04 0.00
LIGHTHSE_115KV_TB6 355974	61.21 -0.25 0.00	50.50 -0.20 0.00	47.89 -0.29 0.00	48.73 -0.44 0.00	55.07 -0.67 0.00	54.74 -0.66 0.00	55.45 -0.67 0.00	58.39 -0.89 0.00	60.34 -0.98 0.00	60.23 -0.86 0.00	56.11 -0.62 0.00	55.46 -0.67 0.00	58.06 -0.76 0.00	61.86 -0.94 0.00	63.79 -1.17 0.00	68.21 -1.32 0.00	76.11 -1.08 0.00	85.54 -0.86 0.00	80.41 -0.49 0.00	76.95 -0.08 0.00	73.80 0.00 0.00	62.80 -0.13 0.00	57.35 -0.11 0.00	54.20 -0.11 0.00
LINDEN COGEN____ 23786	72.60 3.94 -7.22	64.48 2.99 -10.79	60.62 2.94 -9.50	56.25 2.85 -4.23	56.26 2.84 2.31	56.20 2.60 1.82	56.19 2.97 2.90	58.29 3.08 4.06	59.44 3.49 5.37	64.80 3.73 0.02	60.36 3.63 0.01	60.29 4.15 0.00	63.11 4.29 0.00	67.57 4.77 0.00	70.09 5.13 0.00	74.82 5.28 0.00	82.82 5.63 0.00	93.57 7.17 0.00	86.80 5.90 0.00	80.86 3.85 0.02	77.40 3.62 0.02	66.26 3.33 0.00	60.86 3.39 0.00	57.51 3.20 0.00
LINDHRST_69_KV_BK1 356055	104.02 6.76 -35.81	80.04 5.42 -23.91	68.75 5.06 -15.51	61.17 4.92 -7.08	62.63 5.13 -1.77	62.96 4.99 -2.57	64.42 5.28 -3.02	64.67 5.39 0.00	67.33 6.01 0.00	67.25 6.17 0.00	62.57 5.84 0.00	64.67 6.01 -2.53	76.30 6.29 -11.19	78.05 6.97 -8.27	79.29 7.34 -6.99	81.26 7.86 -3.87	88.11 8.18 -2.73	117.34 10.02 -20.91	113.89 9.30 -23.69	97.12 7.01 -13.09	80.76 6.94 -0.02	78.66 6.23 -9.50	63.33 5.86 0.00	59.30 5.00 0.00
LIPA_MISC_IPP 23656	103.40 6.15 -35.81	79.58 4.97 -23.91	68.32 4.63 -15.51	60.63 4.38 -7.08	61.91 4.40 -1.77	62.35 4.38 -2.57	63.75 4.60 -3.02	64.02 4.74 0.00	66.78 5.46 0.00	66.64 5.56 0.00	61.78 5.05 0.00	63.94 5.28 -2.53	75.60 5.59 -11.19	77.36 6.28 -8.27	78.64 6.69 -6.99	80.57 7.16 -3.88	87.55 7.18 -3.18	108.85 8.81 -13.63	115.69 8.33 -26.46	90.88 6.09 -7.77	80.25 6.42 -0.03	78.09 5.66 -9.50	62.76 5.29 0.00	58.60 4.29 0.00
LISF____SOLAR 323691	103.53 6.27 -35.81	79.73 5.12 -23.91	68.47 4.77 -15.51	60.78 4.52 -7.09	62.08 4.57 -1.78	62.53 4.54 -2.57	63.92 4.77 -3.03	64.20 4.92 -0.01	66.91 5.58 -0.01	66.77 5.68 -0.01	61.73 4.99 -0.01	64.05 5.39 -2.53	75.71 5.70 -11.19	77.41 6.34 -8.27	78.77 6.82 -6.99	80.71 7.30 -3.88	88.01 7.34 -3.48	110.17 9.25 -14.52	118.01 8.33 -28.78	91.60 6.39 -8.18	80.48 6.64 -0.03	78.09 5.67 -9.50	62.82 5.35 -0.01	58.70 4.40 0.00
LITTLE FALLS____HYD 24013	61.94 0.49 0.00	51.10 0.41 0.00	48.57 0.39 0.00	49.66 0.49 0.00	56.35 0.61 0.00	56.19 0.78 0.00	57.08 0.95 0.00	60.22 0.95 0.00	62.42 1.10 0.00	62.25 1.16 0.00	57.81 1.08 0.00	57.20 1.07 0.00	59.94 1.12 0.00	63.93 1.13 0.00	66.13 1.17 0.00	70.58 1.04 0.00	78.50 1.31 0.00	88.05 1.64 0.00	82.35 1.46 0.00	78.34 1.31 0.00	75.13 1.33 0.00	64.25 1.32 0.00	58.62 1.15 0.00	55.45 1.14 0.00

LITTLRIV_115KV_TB1 356100	61.76 0.31 0.00	50.95 0.25 0.00	48.38 0.19 0.00	49.42 0.25 0.00	56.57 0.84 0.00	56.30 0.89 0.00	57.13 1.01 0.00	60.87 1.60 0.00	62.67 1.35 0.00	62.12 1.04 0.00	57.52 0.79 0.00	56.87 0.73 0.00	59.29 0.47 0.00	62.80 0.00 0.00	64.57 -0.39 0.00	68.56 -0.97 0.00	76.19 -1.00 0.00	85.02 -1.38 0.00	79.85 -1.05 0.00	77.41 0.39 0.00	74.69 0.89 0.00	64.19 1.26 0.00	58.91 1.44 0.00	55.72 1.41 0.00
LI_NEWBRDGE___DRP 323616	102.36 5.10 -35.81	78.67 4.06 -23.91	67.55 3.85 -15.51	60.09 3.84 -7.08	61.46 3.96 -1.77	61.80 3.82 -2.57	63.24 4.10 -3.02	63.42 4.15 0.00	65.86 4.54 0.00	65.79 4.70 0.00	61.27 4.54 0.00	63.32 4.66 -2.53	74.89 4.88 -11.19	76.48 5.40 -8.27	77.66 5.72 -6.99	79.38 5.98 -3.87	83.52 6.33 0.00	94.96 7.86 -0.69	88.44 6.96 -0.58	82.78 5.01 -0.74	78.69 4.87 -0.02	76.89 4.47 -9.50	61.89 4.43 0.00	58.16 3.86 0.00
LOCKPORT_115KV_TB60_63_64 80432	58.77 -3.81 -1.13	49.34 -3.04 -1.68	46.68 -2.99 -1.48	46.83 -3.44 -1.10	50.94 -5.07 -0.28	50.93 -4.88 -0.40	51.49 -5.11 -0.47	52.58 -6.70 0.00	54.45 -6.87 0.00	55.10 -5.99 0.00	52.25 -4.48 0.00	52.49 -3.65 0.00	55.70 -3.12 0.00	58.78 -4.02 0.00	60.80 -4.16 0.00	65.01 -4.52 0.00	73.56 -3.63 0.00	82.43 -3.97 0.00	77.58 -3.32 0.00	73.79 -3.24 0.00	70.26 -3.54 0.00	58.27 -4.66 0.00	53.85 -3.62 0.00	51.16 -3.15 0.00
LOCKPORT___CC1 323769	58.65 -3.93 -1.14	49.25 -3.14 -1.70	46.59 -3.08 -1.50	46.75 -3.54 -1.11	50.89 -5.13 -0.28	50.83 -4.99 -0.40	51.38 -5.22 -0.48	52.46 -6.81 0.00	54.39 -6.93 0.00	54.98 -6.11 0.00	52.76 -3.97 0.00	52.38 -3.76 0.00	55.64 -3.18 0.00	58.78 -4.02 0.00	60.67 -4.29 0.00	64.94 -4.59 0.00	73.72 -3.47 0.00	82.17 -4.23 0.00	77.42 -3.48 0.00	74.18 -2.85 0.00	70.04 -3.76 0.00	58.90 -4.03 0.00	54.08 -3.39 0.00	52.19 -2.12 0.00
LOCKPORT___CC2 323770	58.65 -3.93 -1.14	49.25 -3.14 -1.70	46.59 -3.08 -1.50	46.75 -3.54 -1.11	50.89 -5.13 -0.28	50.83 -4.99 -0.40	51.38 -5.22 -0.48	52.46 -6.81 0.00	54.39 -6.93 0.00	54.98 -6.11 0.00	52.76 -3.97 0.00	52.38 -3.76 0.00	55.64 -3.18 0.00	58.78 -4.02 0.00	60.67 -4.29 0.00	64.94 -4.59 0.00	73.72 -3.47 0.00	82.17 -4.23 0.00	77.42 -3.48 0.00	74.18 -2.85 0.00	70.04 -3.76 0.00	58.90 -4.03 0.00	54.08 -3.39 0.00	52.19 -2.12 0.00
LOCKPORT___CC3 323771	58.65 -3.93 -1.14	49.25 -3.14 -1.70	46.59 -3.08 -1.50	46.75 -3.54 -1.11	50.89 -5.13 -0.28	50.83 -4.99 -0.40	51.38 -5.22 -0.48	52.46 -6.81 0.00	54.39 -6.93 0.00	54.98 -6.11 0.00	52.76 -3.97 0.00	52.38 -3.76 0.00	55.64 -3.18 0.00	58.78 -4.02 0.00	60.67 -4.29 0.00	64.94 -4.59 0.00	73.72 -3.47 0.00	82.17 -4.23 0.00	77.42 -3.48 0.00	74.18 -2.85 0.00	70.04 -3.76 0.00	58.90 -4.03 0.00	54.08 -3.39 0.00	52.19 -2.12 0.00
LOCUSVLY_69_KV_BK2 55797	102.85 5.59 -35.81	79.02 4.41 -23.91	67.98 4.29 -15.51	60.43 4.18 -7.08	61.85 4.35 -1.77	62.13 4.16 -2.57	63.64 4.49 -3.02	63.84 4.56 0.00	66.41 5.09 0.00	66.40 5.31 0.00	61.84 5.11 0.00	64.00 5.33 -2.53	75.60 5.59 -11.19	77.23 6.15 -8.27	78.44 6.50 -6.99	80.28 6.88 -3.87	84.45 7.26 0.00	106.92 8.99 -11.53	96.31 8.01 -7.40	94.91 5.85 -12.03	79.43 5.61 -0.02	77.46 5.03 -9.50	62.24 4.77 0.00	58.60 4.29 0.00
LONG_LAKE_PHOENIX 24014	60.22 -1.23 0.00	49.74 -0.96 0.00	47.22 -0.96 0.00	48.04 -1.13 0.00	54.23 -1.50 0.00	53.91 -1.50 0.00	54.72 -1.40 0.00	57.56 -1.72 0.00	59.54 -1.78 0.00	59.44 -1.65 0.00	55.37 -1.36 0.00	54.84 -1.29 0.00	57.47 -1.35 0.00	61.36 -1.44 0.00	63.40 -1.56 0.00	67.86 -1.67 0.00	75.72 -1.47 0.00	84.94 -1.47 0.00	79.77 -1.13 0.00	75.80 -1.23 0.00	72.55 -1.25 0.00	61.61 -1.32 0.00	56.26 -1.21 0.00	53.17 -1.14 0.00
LOVETT___3 23632	72.10 3.63 -7.03	64.00 2.79 -10.51	60.14 2.70 -9.26	58.72 2.66 -6.89	60.13 2.68 -1.72	60.46 2.55 -2.50	61.87 2.81 -2.95	62.00 2.73 0.00	64.38 3.07 0.00	64.32 3.24 0.00	60.02 3.29 0.00	59.56 3.42 0.00	62.41 3.59 0.00	66.88 4.08 0.00	69.38 4.42 0.00	74.19 4.66 0.00	82.21 5.02 0.00	92.71 6.31 0.00	86.40 5.50 0.00	80.73 3.70 0.00	77.34 3.54 0.00	66.14 3.21 0.00	60.40 2.93 0.00	57.08 2.77 0.00
LOVETT___4 23642	72.10 3.63 -7.03	64.00 2.79 -10.51	60.14 2.70 -9.26	58.72 2.66 -6.89	60.13 2.68 -1.72	60.46 2.55 -2.50	61.87 2.81 -2.95	62.00 2.73 0.00	64.38 3.07 0.00	64.32 3.24 0.00	60.02 3.29 0.00	59.56 3.42 0.00	62.41 3.59 0.00	66.88 4.08 0.00	69.38 4.42 0.00	74.19 4.66 0.00	82.21 5.02 0.00	92.71 6.31 0.00	86.40 5.50 0.00	80.73 3.70 0.00	77.34 3.54 0.00	66.14 3.21 0.00	60.40 2.93 0.00	57.08 2.77 0.00
LOVETT___5 23593	72.10 3.63 -7.03	64.00 2.79 -10.51	60.14 2.70 -9.26	58.72 2.66 -6.89	60.13 2.68 -1.72	60.46 2.55 -2.50	61.87 2.81 -2.95	62.00 2.73 0.00	64.38 3.07 0.00	64.32 3.24 0.00	60.02 3.29 0.00	59.56 3.42 0.00	62.41 3.59 0.00	66.88 4.08 0.00	69.38 4.42 0.00	74.19 4.66 0.00	82.21 5.02 0.00	92.71 6.31 0.00	86.40 5.50 0.00	80.73 3.70 0.00	77.34 3.54 0.00	66.14 3.21 0.00	60.40 2.93 0.00	57.08 2.77 0.00
LOWER RAQUET___HYD 24057	60.96 -0.49 0.00	50.29 -0.41 0.00	47.70 -0.48 0.00	48.78 -0.40 0.00	55.90 0.17 0.00	55.63 0.22 0.00	56.52 0.40 0.00	60.28 1.01 0.00	62.18 0.86 0.00	61.76 0.67 0.00	57.24 0.51 0.00	56.58 0.45 0.00	58.94 0.12 0.00	62.43 -0.37 0.00	64.11 -0.85 0.00	67.94 -1.60 0.00	75.34 -1.85 0.00	84.16 -2.25 0.00	78.79 -2.10 0.00	76.11 -0.92 0.00	73.58 -0.22 0.00	63.31 0.38 0.00	58.27 0.80 0.00	55.12 0.82 0.00
LOWER___HUDSON 24059	90.39 3.19 -25.75	91.84 2.63 -38.51	84.66 2.55 -33.93	77.03 2.60 -25.26	64.94 2.90 -6.31	67.39 2.82 -9.16	69.83 2.92 -10.79	62.00 2.73 0.00	64.01 2.69 0.00	63.59 2.51 0.00	58.55 1.81 0.00	57.82 1.68 0.00	60.53 1.71 0.00	64.75 1.95 0.00	67.10 2.14 0.00	72.03 2.50 0.00	79.96 2.77 0.00	89.95 3.54 0.00	84.30 3.40 0.00	79.72 2.69 0.00	76.45 2.65 0.00	65.32 2.39 0.00	59.48 2.01 0.00	56.15 1.85 0.00
LOWVILLE_115KV_TB2 356335	62.62 1.17 0.00	51.56 0.86 0.00	48.91 0.72 0.00	49.81 0.64 0.00	56.57 0.84 0.00	56.46 1.05 0.00	57.41 1.29 0.00	60.58 1.30 0.00	62.91 1.59 0.00	62.49 1.40 0.00	57.92 1.19 0.00	57.20 1.07 0.00	59.64 0.82 0.00	63.37 0.57 0.00	65.28 0.32 0.00	69.81 0.28 0.00	78.12 0.93 0.00	87.87 1.47 0.00	82.60 1.70 0.00	79.49 2.46 0.00	76.53 2.73 0.00	65.32 2.39 0.00	59.48 2.01 0.00	56.15 1.85 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	94.99 3.93 -29.60	98.11 3.14 -44.27	90.18 2.99 -39.01	81.21 3.00 -29.04	66.33 3.34 -7.25	69.26 3.32 -10.53	71.84 3.31 -12.41	62.36 3.08 0.00	64.38 3.07 0.00	63.89 2.81 0.00	58.83 2.10 0.00	58.04 1.91 0.00	60.76 1.94 0.00	64.94 2.14 0.00	67.23 2.27 0.00	72.25 2.71 0.00	80.28 3.09 0.00	90.47 4.06 0.00	85.02 4.13 0.00	80.65 3.62 0.00	77.57 3.76 0.00	66.14 3.21 0.00	60.23 2.76 0.00	56.80 2.50 0.00

LUTHERNY_35_KV_BK2 355980	95.05 3.99 -29.60	98.16 3.19 -44.27	90.22 3.04 -39.01	81.26 3.05 -29.04	66.38 3.40 -7.25	69.32 3.38 -10.53	71.90 3.37 -12.41	62.42 3.14 0.00	64.45 3.13 0.00	63.89 2.81 0.00	58.89 2.16 0.00	58.10 1.96 0.00	60.76 1.94 0.00	65.00 2.20 0.00	67.30 2.34 0.00	72.31 2.78 0.00	80.35 3.16 0.00	90.55 4.15 0.00	85.02 4.13 0.00	80.73 3.70 0.00	77.64 3.84 0.00	66.20 3.27 0.00	60.29 2.82 0.00	56.86 2.55 0.00
LWR___OSWEGATCHIE_HYD 23850	61.76 0.31 0.00	50.90 0.20 0.00	48.28 0.10 0.00	49.22 0.05 0.00	56.13 0.39 0.00	55.96 0.55 0.00	56.85 0.73 0.00	60.34 1.07 0.00	62.36 1.04 0.00	61.94 0.86 0.00	57.41 0.68 0.00	56.75 0.62 0.00	59.11 0.29 0.00	62.68 -0.13 0.00	64.44 -0.52 0.00	68.56 -0.97 0.00	76.50 -0.69 0.00	85.71 -0.69 0.00	80.49 -0.40 0.00	77.72 0.69 0.00	74.91 1.11 0.00	64.25 1.32 0.00	58.73 1.26 0.00	55.50 1.19 0.00
LYONS_FALL_HYD 23570	62.87 1.41 0.00	51.81 1.11 0.00	49.15 0.96 0.00	50.06 0.89 0.00	56.74 1.00 0.00	56.63 1.22 0.00	57.47 1.34 0.00	60.64 1.36 0.00	62.85 1.53 0.00	62.49 1.41 0.00	57.98 1.25 0.00	57.26 1.12 0.00	59.76 0.94 0.00	63.56 0.76 0.00	65.61 0.65 0.00	70.16 0.62 0.00	78.50 1.31 0.00	88.22 1.82 0.00	82.84 1.94 0.00	79.49 2.46 0.00	76.31 2.51 0.00	65.13 2.20 0.00	59.25 1.78 0.00	55.93 1.63 0.00
MADISON___COUNTY_LFGE 323628	63.29 1.84 0.00	52.17 1.47 0.00	49.48 1.30 0.00	50.40 1.23 0.00	56.96 1.23 0.00	56.74 1.33 0.00	57.52 1.40 0.00	60.58 1.30 0.00	62.67 1.35 0.00	62.37 1.28 0.00	57.92 1.19 0.00	57.31 1.18 0.00	59.88 1.06 0.00	63.81 1.00 0.00	65.93 0.97 0.00	70.65 1.11 0.00	79.04 1.85 0.00	88.74 2.33 0.00	83.24 2.35 0.00	79.57 2.54 0.00	76.31 2.51 0.00	64.82 1.89 0.00	59.02 1.55 0.00	55.66 1.36 0.00
MALONE___115KV_TB1 356076	60.77 -0.68 0.00	50.19 -0.51 0.00	47.70 -0.48 0.00	48.83 -0.34 0.00	55.85 0.11 0.00	55.63 0.22 0.00	56.68 0.56 0.00	60.52 1.24 0.00	62.54 1.23 0.00	62.00 0.92 0.00	57.47 0.74 0.00	56.81 0.67 0.00	59.53 0.71 0.00	63.31 0.50 0.00	65.22 0.26 0.00	69.53 0.00 0.00	77.11 -0.08 0.00	86.06 -0.35 0.00	80.57 -0.32 0.00	77.72 0.69 0.00	74.69 0.89 0.00	64.00 1.07 0.00	58.62 1.15 0.00	55.45 1.14 0.00
MAPLEWOD_115KV_TB3 80458	86.36 3.01 -21.90	86.03 2.59 -32.75	79.54 2.51 -28.86	73.21 2.56 -21.48	63.94 2.84 -5.36	65.97 2.77 -7.79	68.11 2.81 -9.18	61.82 2.55 0.00	63.83 2.51 0.00	63.41 2.32 0.00	58.43 1.70 0.00	57.71 1.57 0.00	60.41 1.59 0.00	64.50 1.70 0.00	66.78 1.82 0.00	71.62 2.09 0.00	79.35 2.16 0.00	89.17 2.76 0.00	83.41 2.51 0.00	78.96 1.93 0.00	75.79 1.99 0.00	64.88 1.95 0.00	59.08 1.61 0.00	56.04 1.74 0.00
MAPLE_RIDGE_WT_1 323574	60.72 -0.73 0.00	50.14 -0.56 0.00	47.70 -0.48 0.00	48.73 -0.44 0.00	55.35 -0.39 0.00	55.08 -0.33 0.00	55.84 -0.28 0.00	59.16 -0.12 0.00	61.20 -0.12 0.00	61.02 -0.06 0.00	56.67 -0.06 0.00	56.08 -0.06 0.00	58.76 -0.06 0.00	62.74 -0.06 0.00	64.83 -0.13 0.00	69.39 -0.14 0.00	76.96 -0.23 0.00	86.06 -0.34 0.00	80.58 -0.32 0.00	76.88 -0.15 0.00	73.65 -0.15 0.00	62.87 -0.06 0.00	57.41 -0.06 0.00	54.31 0.00 0.00
MAPLE_RIDGE_WT_2 323611	60.72 -0.73 0.00	50.14 -0.56 0.00	47.70 -0.48 0.00	48.73 -0.44 0.00	55.35 -0.39 0.00	55.08 -0.33 0.00	55.84 -0.28 0.00	59.16 -0.12 0.00	61.20 -0.12 0.00	61.02 -0.06 0.00	56.67 -0.06 0.00	56.08 -0.06 0.00	58.76 -0.06 0.00	62.74 -0.06 0.00	64.83 -0.13 0.00	69.39 -0.14 0.00	76.96 -0.23 0.00	86.06 -0.34 0.00	80.58 -0.32 0.00	76.88 -0.15 0.00	73.65 -0.15 0.00	62.87 -0.06 0.00	57.41 -0.06 0.00	54.31 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	59.85 -1.60 0.00	49.43 -1.27 0.00	47.03 -1.16 0.00	48.19 -0.98 0.00	55.07 -0.67 0.00	54.91 -0.50 0.00	55.84 -0.28 0.00	59.69 0.42 0.00	61.75 0.43 0.00	61.08 0.00 0.00	56.62 -0.11 0.00	55.97 -0.17 0.00	58.70 -0.12 0.00	62.55 -0.25 0.00	64.57 -0.39 0.00	68.91 -0.63 0.00	76.27 -0.92 0.00	85.02 -1.39 0.00	79.69 -1.21 0.00	76.57 -0.46 0.00	73.51 -0.29 0.00	62.99 0.06 0.00	57.87 0.41 0.00	54.69 0.38 0.00
MARSHVLE_115KV_TB1 80742	93.39 4.55 -27.39	95.26 3.60 -40.96	87.60 3.32 -36.09	79.38 3.34 -26.87	66.18 3.73 -6.71	69.03 3.88 -9.74	71.31 3.70 -11.48	62.30 3.02 0.00	63.71 2.39 0.00	62.80 1.71 0.00	58.09 1.36 0.00	57.26 1.12 0.00	59.82 1.00 0.00	63.81 1.00 0.00	66.00 1.04 0.00	70.92 1.39 0.00	78.73 1.54 0.00	89.60 3.20 0.00	84.62 3.72 0.00	81.57 4.54 0.00	78.82 5.02 0.00	67.21 4.28 0.00	61.15 3.68 0.00	57.51 3.20 0.00
MARSH_HILL_WT_PWR 323713	61.16 -1.91 -1.61	51.69 -1.42 -2.41	48.95 -1.35 -2.12	49.23 -1.52 -1.58	53.74 -2.40 -0.39	53.88 -2.11 -0.57	54.78 -2.02 -0.67	56.25 -3.02 0.00	58.07 -3.25 0.00	58.28 -2.81 0.00	55.26 -1.48 0.00	54.68 -1.46 0.00	57.70 -1.12 0.00	61.55 -1.26 0.00	63.47 -1.49 0.00	68.00 -1.53 0.00	76.96 -0.23 0.00	86.32 -0.09 0.00	81.71 0.81 0.00	78.42 1.39 0.00	74.61 0.81 0.00	62.68 -0.25 0.00	57.24 -0.23 0.00	54.41 0.11 0.00
MCINTYRE_115KV_TB2 80467	62.19 0.74 0.00	51.31 0.61 0.00	48.66 0.48 0.00	49.71 0.54 0.00	56.80 1.06 0.00	56.52 1.11 0.00	57.30 1.18 0.00	61.05 1.78 0.00	62.73 1.41 0.00	62.12 1.04 0.00	57.47 0.74 0.00	56.81 0.67 0.00	59.35 0.53 0.00	62.99 0.19 0.00	64.83 -0.13 0.00	68.98 -0.56 0.00	76.65 -0.54 0.00	85.54 -0.86 0.00	80.33 -0.57 0.00	78.11 1.08 0.00	75.28 1.48 0.00	64.63 1.70 0.00	59.14 1.67 0.00	55.94 1.63 0.00
MECO_____69_KV_BK1 80468	96.45 5.78 -29.22	98.96 4.56 -43.70	90.97 4.29 -38.50	82.11 4.28 -28.66	67.68 4.79 -7.15	70.68 4.88 -10.39	73.19 4.83 -12.25	63.60 4.33 0.00	65.18 3.86 0.00	64.26 3.18 0.00	59.34 2.61 0.00	58.49 2.36 0.00	61.17 2.35 0.00	65.31 2.51 0.00	67.56 2.60 0.00	72.73 3.20 0.00	80.90 3.71 0.00	91.93 5.53 0.00	86.72 5.82 0.00	83.19 6.16 0.00	80.22 6.42 0.00	68.21 5.29 0.00	62.07 4.60 0.00	58.32 4.02 0.00
MENANDS___115KV_TB5 355628	85.33 2.64 -21.24	84.80 2.33 -31.77	78.44 2.26 -27.99	72.37 2.36 -20.83	63.56 2.62 -5.20	65.51 2.55 -7.55	67.61 2.58 -8.90	61.59 2.31 0.00	63.53 2.21 0.00	63.16 2.08 0.00	58.21 1.47 0.00	57.43 1.29 0.00	60.17 1.35 0.00	64.18 1.38 0.00	66.45 1.49 0.00	71.27 1.74 0.00	78.89 1.70 0.00	88.56 2.16 0.00	82.84 1.94 0.00	78.34 1.31 0.00	75.20 1.40 0.00	64.44 1.51 0.00	58.73 1.26 0.00	55.72 1.41 0.00
MG INDUSTRY___DRP 24185	79.22 2.40 -15.37	75.77 2.08 -22.99	70.46 2.02 -20.26	66.36 2.11 -15.08	61.90 2.40 -3.76	63.20 2.33 -5.47	64.81 2.24 -6.44	61.23 1.96 0.00	63.10 1.78 0.00	62.67 1.59 0.00	57.87 1.13 0.00	57.09 0.95 0.00	59.76 0.94 0.00	63.43 0.63 0.00	60.47 -0.39 4.10	63.78 -0.35 5.41	69.17 -0.54 7.48	86.04 -0.35 0.02	80.56 -0.32 0.02	76.34 -0.69 0.00	73.43 -0.37 0.00	62.87 -0.06 0.00	57.28 -0.17 0.02	54.40 0.11 0.02

MID___OSWEGATCHIE_HYD 23849	61.76 0.31 0.00	50.90 0.20 0.00	48.28 0.10 0.00	49.22 0.05 0.00	56.13 0.39 0.00	55.96 0.55 0.00	56.85 0.73 0.00	60.34 1.07 0.00	62.36 1.04 0.00	61.94 0.86 0.00	57.41 0.68 0.00	56.75 0.62 0.00	59.11 0.29 0.00	62.68 -0.13 0.00	64.44 -0.52 0.00	68.56 -0.97 0.00	76.50 -0.69 0.00	85.71 -0.69 0.00	80.49 -0.40 0.00	77.72 0.69 0.00	74.91 1.11 0.00	64.25 1.32 0.00	58.73 1.26 0.00	55.50 1.19 0.00
MID___RAQUETTE_HYD 23851	60.96 -0.49 0.00	50.29 -0.41 0.00	47.70 -0.48 0.00	48.78 -0.39 0.00	55.90 0.17 0.00	55.63 0.22 0.00	56.51 0.39 0.00	60.28 1.01 0.00	62.18 0.86 0.00	61.76 0.67 0.00	57.24 0.51 0.00	56.59 0.45 0.00	58.94 0.12 0.00	62.43 -0.38 0.00	64.11 -0.84 0.00	68.00 -1.53 0.00	75.41 -1.78 0.00	84.16 -2.25 0.00	78.79 -2.10 0.00	76.18 -0.85 0.00	73.58 -0.22 0.00	63.31 0.38 0.00	58.27 0.80 0.00	55.12 0.81 0.00
MILLIKEN___1 23584	63.88 0.80 -1.63	53.75 0.61 -2.44	50.87 0.53 -2.15	51.12 0.34 -1.60	56.25 0.11 -0.40	56.16 0.17 -0.58	57.09 0.28 -0.68	59.21 -0.06 0.00	61.20 -0.12 0.00	60.96 -0.12 0.00	56.84 0.11 0.00	56.30 0.17 0.00	59.06 0.24 0.00	62.99 0.19 0.00	65.09 0.13 0.00	69.74 0.21 0.00	78.12 0.93 0.00	87.79 1.38 0.00	82.68 1.78 0.00	78.72 1.69 0.00	75.35 1.55 0.00	63.75 0.82 0.00	58.22 0.75 0.00	54.85 0.54 0.00
MILLIKEN___2 23585	63.88 0.80 -1.63	53.75 0.61 -2.44	50.87 0.53 -2.15	51.12 0.34 -1.60	56.25 0.11 -0.40	56.16 0.17 -0.58	57.09 0.28 -0.68	59.21 -0.06 0.00	61.20 -0.12 0.00	60.96 -0.12 0.00	56.84 0.11 0.00	56.30 0.17 0.00	59.06 0.24 0.00	62.99 0.19 0.00	65.09 0.13 0.00	69.74 0.21 0.00	78.12 0.93 0.00	87.79 1.38 0.00	82.68 1.78 0.00	78.72 1.69 0.00	75.35 1.55 0.00	63.75 0.82 0.00	58.22 0.75 0.00	54.85 0.54 0.00
MILLIKEN___DIESEL 23629	63.88 0.80 -1.63	53.75 0.61 -2.44	50.87 0.53 -2.15	51.12 0.34 -1.60	56.25 0.11 -0.40	56.16 0.17 -0.58	57.09 0.28 -0.68	59.21 -0.06 0.00	61.20 -0.12 0.00	60.96 -0.12 0.00	56.84 0.11 0.00	56.30 0.17 0.00	59.06 0.24 0.00	62.99 0.19 0.00	65.09 0.13 0.00	69.74 0.21 0.00	78.12 0.93 0.00	87.79 1.38 0.00	82.68 1.78 0.00	78.72 1.69 0.00	75.35 1.55 0.00	63.75 0.82 0.00	58.22 0.75 0.00	54.85 0.54 0.00
MILLSEAT___LFGE 323607	60.08 -2.46 -1.09	50.35 -1.98 -1.63	47.64 -1.98 -1.43	47.78 -2.46 -1.07	52.16 -3.85 -0.27	52.14 -3.66 -0.39	52.76 -3.82 -0.46	54.12 -5.16 0.00	55.98 -5.34 0.00	56.50 -4.58 0.00	54.01 -2.72 0.00	53.61 -2.53 0.00	56.82 -2.00 0.00	60.10 -2.70 0.00	62.04 -2.92 0.00	66.34 -3.20 0.00	75.34 -1.85 0.00	84.25 -2.16 0.00	79.36 -1.54 0.00	76.18 -0.85 0.00	72.03 -1.77 0.00	60.60 -2.33 0.00	55.52 -1.95 0.00	53.22 -1.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	72.57 3.93 -7.18	64.48 3.04 -10.74	60.64 2.99 -9.47	59.17 2.95 -7.05	60.51 3.01 -1.76	60.79 2.83 -2.55	62.22 3.09 -3.01	62.30 3.02 0.00	64.75 3.43 0.00	64.63 3.54 0.00	60.25 3.52 0.00	59.84 3.70 0.00	62.70 3.88 0.00	67.14 4.33 0.00	69.64 4.68 0.00	74.47 4.94 0.00	82.44 5.25 0.00	93.06 6.65 0.00	86.72 5.82 0.00	81.03 4.01 0.00	77.64 3.84 0.00	66.45 3.52 0.00	60.69 3.22 0.00	57.29 2.99 0.00
MILLWOOD_13_KV_LOAD 356217	72.75 4.12 -7.18	64.64 3.19 -10.74	60.73 3.08 -9.47	59.27 3.05 -7.05	60.62 3.12 -1.76	60.96 2.99 -2.55	62.39 3.26 -3.01	62.48 3.20 0.00	64.87 3.56 0.00	64.81 3.73 0.00	60.42 3.69 0.00	59.95 3.82 0.00	62.88 4.06 0.00	67.32 4.52 0.00	69.83 4.87 0.00	74.68 5.15 0.00	82.67 5.48 0.00	93.40 7.00 0.00	87.05 6.15 0.00	81.19 4.16 0.00	77.86 4.06 0.00	66.64 3.71 0.00	60.86 3.39 0.00	57.40 3.10 0.00
MODEL_CITY_ENERGY 24167	58.24 -4.36 -1.15	48.97 -3.45 -1.72	46.32 -3.37 -1.51	46.46 -3.84 -1.13	50.56 -5.46 -0.28	50.50 -5.32 -0.41	51.05 -5.56 -0.48	52.10 -7.17 0.00	53.96 -7.36 0.00	54.55 -6.54 0.00	52.42 -4.31 0.00	52.04 -4.10 0.00	55.23 -3.59 0.00	58.40 -4.40 0.00	60.28 -4.68 0.00	64.46 -5.07 0.00	73.17 -4.02 0.00	81.65 -4.75 0.00	76.86 -4.04 0.00	73.64 -3.39 0.00	69.60 -4.20 0.00	58.46 -4.47 0.00	53.67 -3.79 0.00	51.65 -2.66 0.00
MODERN_LFGE___ 323580	58.24 -4.36 -1.15	48.97 -3.45 -1.72	46.32 -3.37 -1.51	46.46 -3.84 -1.13	50.56 -5.46 -0.28	50.50 -5.32 -0.41	51.05 -5.56 -0.48	52.10 -7.17 0.00	53.96 -7.36 0.00	54.55 -6.54 0.00	52.42 -4.31 0.00	52.04 -4.10 0.00	55.23 -3.59 0.00	58.40 -4.40 0.00	60.28 -4.68 0.00	64.46 -5.07 0.00	73.17 -4.02 0.00	81.65 -4.75 0.00	76.86 -4.04 0.00	73.64 -3.39 0.00	69.60 -4.20 0.00	58.46 -4.47 0.00	53.67 -3.79 0.00	51.65 -2.66 0.00
MOHAWK_PAPER___DRP 24187	86.36 3.01 -21.90	86.03 2.59 -32.75	79.54 2.51 -28.86	73.21 2.56 -21.48	63.94 2.84 -5.36	65.97 2.77 -7.79	68.11 2.81 -9.18	61.82 2.55 0.00	63.83 2.51 0.00	63.41 2.32 0.00	58.43 1.70 0.00	57.71 1.57 0.00	60.41 1.59 0.00	64.50 1.70 0.00	66.78 1.82 0.00	71.62 2.09 0.00	79.35 2.16 0.00	89.17 2.76 0.00	83.41 2.51 0.00	78.96 1.93 0.00	75.79 1.99 0.00	64.88 1.95 0.00	59.08 1.61 0.00	56.04 1.74 0.00
MOHICAN___35_KV_115KV_LD 80490	95.36 4.12 -29.79	98.49 3.24 -44.55	90.47 3.04 -39.25	81.44 3.05 -29.22	66.37 3.34 -7.29	69.38 3.38 -10.59	71.97 3.37 -12.49	62.42 3.14 0.00	64.45 3.13 0.00	63.77 2.69 0.00	58.55 1.82 0.00	57.71 1.57 0.00	60.29 1.47 0.00	64.44 1.63 0.00	66.65 1.69 0.00	71.69 2.16 0.00	79.74 2.55 0.00	90.03 3.63 0.00	84.94 4.04 0.00	80.80 3.77 0.00	77.93 4.13 0.00	66.33 3.40 0.00	60.34 2.87 0.00	56.80 2.50 0.00
MONGAUP___HYD 23641	72.17 4.12 -6.60	63.72 3.14 -9.88	59.87 2.99 -8.70	58.55 2.90 -6.48	60.36 3.01 -1.62	60.69 2.93 -2.35	61.92 3.03 -2.77	62.12 2.85 0.00	64.26 2.94 0.00	64.02 2.93 0.00	59.34 2.61 0.00	58.89 2.75 0.00	61.70 2.88 0.00	66.13 3.33 0.00	68.66 3.70 0.00	73.22 3.68 0.00	81.43 4.24 0.00	92.02 5.61 0.00	86.00 5.10 0.00	81.50 4.47 0.00	78.08 4.28 0.00	66.45 3.52 0.00	60.69 3.22 0.00	57.07 2.77 0.00
MONTAUK___DIESEL 23721	104.94 7.68 -35.81	80.75 6.13 -23.91	69.28 5.59 -15.51	61.46 5.21 -7.08	62.74 5.24 -1.77	63.41 5.43 -2.57	64.42 5.28 -3.02	64.91 5.63 0.00	68.06 6.74 0.00	68.42 7.33 0.00	63.94 7.20 0.00	66.35 7.69 -2.53	78.30 8.29 -11.19	80.56 9.48 -8.27	82.08 10.13 -6.99	84.19 10.78 -3.88	92.05 11.58 -3.28	114.47 14.17 -13.90	121.89 13.75 -27.24	96.24 11.32 -7.89	84.46 10.63 -0.03	81.17 8.75 -9.50	65.34 7.87 0.00	61.04 6.73 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	61.02 -1.78 -1.35	51.40 -1.32 -2.02	48.57 -1.40 -1.78	48.73 -1.77 -1.33	53.06 -3.01 -0.33	53.12 -2.77 -0.48	53.99 -2.69 -0.57	55.60 -3.68 0.00	57.70 -3.62 0.00	58.40 -2.69 0.00	55.54 -0.51 0.00	55.63 -0.51 0.00	59.00 0.18 0.00	62.68 -0.13 0.00	64.83 -0.13 0.00	69.53 0.00 0.00	78.73 1.54 0.00	87.53 1.12 0.00	82.52 1.62 0.00	78.34 1.31 0.00	74.39 0.59 0.00	61.61 -1.32 0.00	56.61 -0.86 0.00	53.49 -0.81 0.00

MORRIS_RIDGE___SOLAR 323848	60.54 -2.46 -1.55	51.14 -1.87 -2.32	48.39 -1.83 -2.04	48.63 -2.06 -1.52	53.00 -3.12 -0.38	53.02 -2.94 -0.55	53.85 -2.92 -0.65	55.12 -4.15 0.00	56.90 -4.42 0.00	57.12 -3.97 0.00	54.18 -2.55 0.00	53.55 -2.58 0.00	56.64 -2.18 0.00	60.29 -2.51 0.00	62.23 -2.73 0.00	66.68 -2.85 0.00	75.42 -1.77 0.00	84.50 -1.90 0.00	79.93 -0.97 0.00	76.80 -0.23 0.00	73.06 -0.74 0.00	61.42 -1.51 0.00	56.15 -1.32 0.00	53.49 -0.81 0.00
MORTIMER_115KV_TB3 55949	59.85 -1.60 0.00	49.43 -1.27 0.00	46.88 -1.30 0.00	47.55 -1.62 0.00	53.17 -2.56 0.00	52.92 -2.49 0.00	53.60 -2.53 0.00	55.90 -3.38 0.00	57.88 -3.43 0.00	58.21 -2.87 0.00	54.63 -2.10 0.00	54.56 -1.57 0.00	57.58 -1.24 0.00	61.04 -1.76 0.00	63.14 -1.82 0.00	67.52 -2.02 0.00	76.11 -1.08 0.00	85.37 -1.04 0.00	80.09 -0.81 0.00	76.34 -0.69 0.00	72.84 -0.96 0.00	61.04 -1.89 0.00	55.98 -1.49 0.00	52.95 -1.36 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.79 3.29 -1.77	61.02 3.05 -2.57	62.57 3.42 -3.02	62.71 3.44 0.00	65.24 3.92 0.00	65.18 4.09 0.00	60.87 4.14 0.00	60.57 4.43 0.00	63.41 4.59 0.00	67.89 5.09 0.00	70.35 5.39 0.00	75.17 5.63 0.00	83.13 5.94 0.00	93.92 7.52 0.00	87.37 6.47 0.00	81.42 4.39 0.00	77.93 4.13 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.84 3.53 0.00
MUNSVILLE_WIND_PWR 323609	68.84 4.12 -3.27	59.03 3.45 -4.89	55.62 3.13 -4.30	55.38 3.00 -3.20	59.54 3.01 -0.80	59.90 3.32 -1.16	61.19 3.70 -1.37	62.71 3.44 0.00	64.63 3.31 0.00	64.14 3.05 0.00	59.68 2.95 0.00	58.94 2.81 0.00	61.53 2.71 0.00	65.38 2.58 0.00	67.56 2.60 0.00	72.59 3.06 0.00	82.20 5.01 0.00	92.71 6.30 0.00	87.37 6.47 0.00	84.04 7.01 0.00	80.52 6.72 0.00	68.22 5.29 0.00	61.84 4.37 0.00	58.43 4.13 0.00
N SALMON___HYD 24042	60.78 -0.67 0.00	50.19 -0.51 0.00	47.70 -0.48 0.00	48.83 -0.34 0.00	55.85 0.11 0.00	55.63 0.22 0.00	56.68 0.56 0.00	60.52 1.25 0.00	62.54 1.23 0.00	62.00 0.92 0.00	57.47 0.74 0.00	56.81 0.68 0.00	59.53 0.71 0.00	63.30 0.50 0.00	65.22 0.26 0.00	69.53 0.00 0.00	77.04 -0.15 0.00	86.06 -0.34 0.00	80.58 -0.32 0.00	77.64 0.61 0.00	74.69 0.89 0.00	64.00 1.07 0.00	58.62 1.15 0.00	55.45 1.14 0.00
N.AKRON__115KV_KNAPP 355671	59.97 -2.58 -1.10	50.26 -2.08 -1.64	47.55 -2.07 -1.44	47.69 -2.56 -1.07	52.05 -3.96 -0.27	52.03 -3.77 -0.39	52.65 -3.93 -0.46	53.94 -5.33 0.00	55.86 -5.46 0.00	56.38 -4.70 0.00	53.33 -3.40 0.00	53.50 -2.64 0.00	56.70 -2.12 0.00	59.91 -3.05 0.00	61.91 -3.34 0.00	66.20 -2.16 0.00	75.03 -2.16 0.00	84.16 -2.25 0.00	79.20 -1.70 0.00	75.49 -1.54 0.00	71.88 -1.92 0.00	59.72 -3.21 0.00	55.06 -2.41 0.00	52.19 -2.12 0.00
N.E_GEN_SANDY PD 24062	76.52 3.25 -11.81	71.00 2.63 -17.67	66.35 2.60 -15.57	63.41 2.65 -11.59	61.47 2.84 -2.89	62.38 2.77 -4.20	61.00 2.92 -1.96	64.99 2.73 -2.99	64.20 2.88 0.00	68.67 2.75 -4.83	54.00 2.10 4.83	58.15 2.02 0.00	59.98 2.11 0.95	66.20 2.45 -0.95	67.69 2.73 0.00	72.59 3.06 0.00	80.58 3.39 0.00	90.64 4.23 0.00	84.70 3.80 0.00	79.72 2.69 0.00	76.38 2.58 0.00	65.32 2.39 0.00	60.59 2.07 -1.05	55.04 1.79 1.05
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	72.20 3.75 -7.00	64.05 2.89 -10.47	60.20 2.79 -9.22	58.79 2.75 -6.86	60.24 2.79 -1.71	60.56 2.66 -2.49	61.97 2.92 -2.93	62.12 2.85 0.00	64.57 3.25 0.00	64.51 3.42 0.00	60.13 3.40 0.00	59.73 3.59 0.00	62.58 3.76 0.00	67.14 4.33 0.00	69.64 4.68 0.00	74.47 4.94 0.00	82.52 5.33 0.00	93.06 6.65 0.00	86.72 5.82 0.00	81.03 4.01 0.00	77.64 3.84 0.00	66.33 3.40 0.00	60.57 3.10 0.00	57.29 2.99 0.00
N.QUEENS_27_KV_LOAD 356247	72.73 4.06 -7.22	64.69 3.19 -10.80	61.02 3.32 -9.52	59.65 3.39 -7.09	60.74 3.23 -1.77	60.87 2.88 -2.57	62.52 3.37 -3.03	62.59 3.32 0.00	65.00 3.68 0.00	64.93 3.85 0.00	61.44 4.71 0.00	61.08 4.94 0.00	63.77 4.94 -0.01	67.83 5.02 -0.01	70.17 5.20 -0.01	74.96 5.42 -0.01	82.99 5.79 -0.01	93.84 7.43 -0.01	87.22 6.31 -0.01	81.34 4.31 0.01	77.78 3.99 0.01	66.65 3.71 -0.01	61.56 4.08 -0.01	58.38 4.07 0.00
N.TROY___115KV_TB1 355778	90.40 3.20 -25.75	91.84 2.64 -38.51	84.67 2.55 -33.93	77.04 2.61 -25.26	64.94 2.90 -6.31	67.39 2.83 -9.16	69.83 2.92 -10.79	62.00 2.73 0.00	64.02 2.70 0.00	63.59 2.50 0.00	58.60 1.87 0.00	57.82 1.68 0.00	60.53 1.71 0.00	64.75 1.95 0.00	67.10 2.14 0.00	72.04 2.50 0.00	79.97 2.78 0.00	89.95 3.54 0.00	84.21 3.32 0.00	79.65 2.62 0.00	76.46 2.66 0.00	65.38 2.45 0.00	59.54 2.07 0.00	56.26 1.96 0.00
NARROWS_GT1_1 24228	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NARROWS_GT1_2 24229	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NARROWS_GT1_3 24230	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NARROWS_GT1_4 24231	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NARROWS_GT1_5 24232	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01

NARROWS_GT1_6 24233	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NARROWS_GT1_7 24234	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NARROWS_GT1_8 24235	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NARROWS_GT2_1 24236	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NARROWS_GT2_2 24237	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NARROWS_GT2_3 24238	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NARROWS_GT2_4 24239	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NARROWS_GT2_5 24240	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NARROWS_GT2_6 24241	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NARROWS_GT2_7 24242	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NARROWS_GT2_8 24243	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.36 5.39 -0.01	75.11 5.56 -0.01	83.14 5.94 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.71 3.78 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	79.60 3.44 -14.71	75.59 2.89 -22.00	70.27 2.70 -19.38	66.31 2.70 -14.43	62.35 3.01 -3.60	63.63 2.99 -5.23	65.26 2.97 -6.17	62.30 3.02 0.00	63.95 2.64 0.00	63.35 2.26 0.00	58.21 1.47 0.00	57.31 1.18 0.00	60.11 1.29 0.00	63.68 0.88 0.00	61.30 1.56 5.22	64.60 1.95 6.88	69.83 2.16 9.52	89.23 2.85 0.02	83.46 2.59 0.02	78.88 1.85 0.00	75.94 2.14 0.00	64.94 2.01 0.00	59.29 1.84 0.02	56.40 2.12 0.02
NCHELSEA_115KV_TR2 355582	73.41 4.61 -7.35	65.24 3.55 -10.99	61.29 3.42 -9.68	59.72 3.34 -7.21	61.05 3.51 -1.80	61.40 3.38 -2.61	62.79 3.59 -3.08	62.77 3.50 0.00	65.12 3.80 0.00	64.99 3.91 0.00	60.42 3.69 0.00	59.84 3.70 0.00	62.76 3.94 0.00	67.26 4.46 0.00	69.77 4.81 0.00	74.75 5.21 0.00	82.90 5.71 0.00	93.58 7.17 0.00	87.29 6.39 0.00	81.73 4.70 0.00	78.38 4.58 0.00	66.89 3.96 0.00	61.09 3.62 0.00	57.56 3.26 0.00
NEG CAPITAL___MECHNVIL 23645	94.14 4.12 -28.57	96.78 3.35 -42.73	88.96 3.13 -37.65	80.39 3.19 -28.03	66.25 3.51 -7.00	69.06 3.49 -10.16	71.64 3.54 -11.98	62.59 3.32 0.00	64.69 3.37 0.00	64.14 3.05 0.00	59.06 2.33 0.00	58.32 2.19 0.00	61.05 2.23 0.00	65.32 2.51 0.00	67.62 2.66 0.00	72.67 3.13 0.00	80.82 3.63 0.00	90.98 4.58 0.00	85.43 4.53 0.00	81.03 4.00 0.00	77.86 4.06 0.00	66.32 3.40 0.00	60.40 2.93 0.00	56.91 2.61 0.00
NEG CENTRAL_HIGH_ACRES 23767	59.24 -2.21 0.00	48.92 -1.78 0.00	46.40 -1.78 0.00	47.06 -2.11 0.00	52.73 -3.01 0.00	52.47 -2.94 0.00	53.20 -2.92 0.00	55.66 -3.62 0.00	57.64 -3.68 0.00	57.85 -3.24 0.00	54.52 -2.21 0.00	54.06 -2.08 0.00	56.94 -1.88 0.00	60.48 -2.32 0.00	62.42 -2.53 0.00	66.82 -2.71 0.00	75.26 -1.93 0.00	84.25 -2.16 0.00	79.12 -1.78 0.00	75.65 -1.38 0.00	71.96 -1.84 0.00	60.79 -2.14 0.00	55.57 -1.90 0.00	52.62 -1.68 0.00

NEG CENTRAL___DRP 24199	61.99 -0.43 -0.97	51.79 -0.35 -1.45	49.12 -0.34 -1.28	49.53 -0.59 -0.95	54.80 -1.17 -0.24	54.70 -1.05 -0.34	55.57 -0.95 -0.41	57.85 -1.42 0.00	59.85 -1.47 0.00	59.80 -1.28 0.00	55.88 -0.85 0.00	55.52 -0.62 0.00	58.29 -0.53 0.00	62.17 -0.63 0.00	64.24 -0.71 0.00	68.77 -0.76 0.00	77.11 -0.08 0.00	86.66 0.26 0.00	81.55 0.65 0.00	77.57 0.54 0.00	74.17 0.37 0.00	62.55 -0.38 0.00	57.18 -0.29 0.00	53.87 -0.43 0.00
NEG CENTRAL___INDECK 23768	60.99 -1.78 -1.32	51.31 -1.37 -1.98	48.53 -1.40 -1.75	48.75 -1.72 -1.30	53.33 -2.73 -0.32	53.33 -2.55 -0.47	54.15 -2.52 -0.56	55.54 -3.73 0.00	57.02 -4.29 0.00	57.05 -4.03 0.00	53.90 -2.83 0.00	53.33 -2.81 0.00	56.23 -2.59 0.00	59.85 -2.95 0.00	61.71 -3.25 0.00	66.06 -3.47 0.00	74.88 -2.31 0.00	84.08 -2.33 0.00	80.01 -0.89 0.00	77.26 0.23 0.00	73.65 -0.15 0.00	61.99 -0.94 0.00	56.61 -0.86 0.00	55.34 1.03 0.00
NEG CENTRAL___SENECA 23627	62.05 -0.49 -1.09	51.97 -0.35 -1.63	49.28 -0.34 -1.44	49.70 -0.54 -1.07	54.67 -1.34 -0.27	54.58 -1.22 -0.39	55.51 -1.07 -0.46	57.61 -1.66 0.00	59.54 -1.78 0.00	59.56 -1.53 0.00	55.77 -0.96 0.00	55.46 -0.67 0.00	58.29 -0.53 0.00	62.11 -0.69 0.00	64.18 -0.78 0.00	68.77 -0.76 0.00	77.27 0.08 0.00	86.92 0.52 0.00	81.87 0.97 0.00	77.95 0.92 0.00	74.47 0.66 0.00	62.55 -0.38 0.00	57.18 -0.29 0.00	53.93 -0.38 0.00
NEG CENTRAL___STATE_STREET 24147	62.28 -0.12 -0.95	52.02 -0.10 -1.43	49.29 -0.14 -1.26	49.76 -0.34 -0.93	55.30 -0.67 -0.23	55.08 -0.66 -0.34	56.02 -0.51 -0.40	58.44 -0.83 0.00	60.46 -0.86 0.00	60.35 -0.73 0.00	56.28 -0.45 0.00	55.80 -0.34 0.00	58.53 -0.29 0.00	62.43 -0.38 0.00	64.50 -0.45 0.00	69.05 -0.49 0.00	77.27 0.08 0.00	86.75 0.35 0.00	81.55 0.65 0.00	77.57 0.54 0.00	74.24 0.44 0.00	62.80 -0.13 0.00	57.41 -0.06 0.00	54.03 -0.27 0.00
NEG MILLWOOD___DRP 24198	73.43 4.61 -7.37	65.27 3.55 -11.03	61.37 3.47 -9.72	59.80 3.39 -7.23	61.11 3.57 -1.81	61.47 3.44 -2.62	62.86 3.65 -3.09	62.83 3.56 0.00	65.24 3.92 0.00	65.12 4.03 0.00	60.59 3.86 0.00	60.07 3.93 0.00	63.00 4.18 0.00	67.45 4.65 0.00	69.96 5.00 0.00	75.03 5.49 0.00	83.06 5.87 0.00	93.83 7.43 0.00	87.53 6.63 0.00	81.73 4.70 0.00	78.45 4.65 0.00	67.02 4.09 0.00	61.15 3.68 0.00	57.67 3.37 0.00
NEG NORTH_FLCN_SEA 23793	60.47 -0.98 0.00	49.94 -0.76 0.00	47.51 -0.67 0.00	48.68 -0.49 0.00	55.68 -0.06 0.00	55.47 0.06 0.00	56.46 0.34 0.00	60.34 1.07 0.00	62.42 1.10 0.00	61.27 0.18 0.00	56.62 -0.11 0.00	56.02 -0.11 0.00	58.70 -0.12 0.00	62.61 -0.19 0.00	64.57 -0.39 0.00	68.98 -0.56 0.00	76.34 -0.85 0.00	85.19 -1.21 0.00	79.77 -1.13 0.00	76.80 -0.23 0.00	73.65 -0.15 0.00	63.43 0.50 0.00	58.50 1.03 0.00	55.34 1.03 0.00
NEG NORTH_KES_CHATEGAY 23792	59.91 -1.54 0.00	49.48 -1.22 0.00	47.07 -1.11 0.00	48.24 -0.93 0.00	55.12 -0.61 0.00	54.97 -0.44 0.00	55.90 -0.22 0.00	59.69 0.41 0.00	61.69 0.37 0.00	61.08 0.00 0.00	56.62 -0.11 0.00	56.02 -0.11 0.00	58.70 -0.12 0.00	62.55 -0.25 0.00	64.57 -0.39 0.00	68.91 -0.63 0.00	76.34 -0.85 0.00	85.11 -1.30 0.00	79.77 -1.13 0.00	76.88 -0.15 0.00	73.73 -0.07 0.00	63.18 0.25 0.00	57.93 0.46 0.00	54.74 0.43 0.00
NEG NORTH___ALICE_FALLS 23915	60.65 -0.80 0.00	50.09 -0.61 0.00	47.65 -0.53 0.00	48.83 -0.34 0.00	55.79 0.06 0.00	55.63 0.22 0.00	56.63 0.51 0.00	60.46 1.19 0.00	62.54 1.23 0.00	61.63 0.55 0.00	57.01 0.28 0.00	56.36 0.22 0.00	59.11 0.29 0.00	63.05 0.25 0.00	65.02 0.06 0.00	69.39 -0.14 0.00	76.96 -0.23 0.00	85.89 -0.52 0.00	80.41 -0.49 0.00	77.49 0.46 0.00	74.32 0.52 0.00	63.81 0.88 0.00	58.68 1.21 0.00	55.50 1.19 0.00
NEG NORTH___LWR_SARANAC 23913	60.65 -0.80 0.00	50.09 -0.61 0.00	47.65 -0.53 0.00	48.83 -0.34 0.00	55.79 0.06 0.00	55.63 0.22 0.00	56.63 0.51 0.00	60.46 1.19 0.00	62.54 1.23 0.00	61.63 0.55 0.00	57.01 0.28 0.00	56.36 0.22 0.00	59.11 0.29 0.00	63.05 0.25 0.00	65.02 0.06 0.00	69.39 -0.14 0.00	76.96 -0.23 0.00	85.89 -0.52 0.00	80.41 -0.49 0.00	77.49 0.46 0.00	74.32 0.52 0.00	63.81 0.88 0.00	58.68 1.21 0.00	55.50 1.19 0.00
NEG NORTH___PLATTSBURG 23628	60.65 -0.80 0.00	50.09 -0.61 0.00	47.65 -0.53 0.00	48.83 -0.34 0.00	55.79 0.06 0.00	55.63 0.22 0.00	56.63 0.50 0.00	60.46 1.19 0.00	62.54 1.23 0.00	61.63 0.55 0.00	56.96 0.23 0.00	56.36 0.23 0.00	59.12 0.30 0.00	63.05 0.25 0.00	65.02 0.07 0.00	69.39 -0.14 0.00	76.88 -0.31 0.00	85.89 -0.52 0.00	80.42 -0.48 0.00	77.42 0.39 0.00	74.32 0.52 0.00	63.81 0.88 0.00	58.68 1.21 0.00	55.50 1.19 0.00
NEG WEST_LEA_LOCKPORT 23791	58.65 -3.93 -1.14	49.25 -3.14 -1.70	46.60 -3.08 -1.50	46.75 -3.54 -1.11	50.89 -5.13 -0.28	50.83 -4.99 -0.40	51.38 -5.22 -0.48	52.46 -6.82 0.00	54.33 -6.99 0.00	54.98 -6.11 0.00	52.14 -4.60 0.00	52.37 -3.76 0.00	55.58 -3.24 0.00	58.66 -4.14 0.00	60.67 -4.29 0.00	64.87 -4.66 0.00	73.49 -3.71 0.00	82.26 -4.15 0.00	77.42 -3.48 0.00	73.64 -3.39 0.00	70.04 -3.76 0.00	58.15 -4.78 0.00	53.73 -3.74 0.00	51.05 -3.26 0.00
NEG WEST___LANCASTR 23811	59.24 -3.56 -1.35	49.78 -2.94 -2.02	47.12 -2.84 -1.78	47.25 -3.25 -1.32	51.44 -4.63 -0.33	51.40 -4.49 -0.48	52.20 -4.49 -0.57	53.41 -5.87 0.00	55.37 -5.95 0.00	55.95 -5.13 0.00	53.16 -3.57 0.00	53.27 -2.86 0.00	56.53 -2.29 0.00	60.10 -2.70 0.00	62.23 -2.73 0.00	66.68 -2.85 0.00	75.49 -1.70 0.00	84.42 -1.99 0.00	79.52 -1.38 0.00	75.41 -1.62 0.00	71.66 -2.14 0.00	59.40 -3.52 0.00	54.54 -2.93 0.00	51.64 -2.66 0.00
NEG_PENN_ALLEGHNY 23528	64.31 0.18 -2.67	54.85 0.15 -4.00	51.80 0.10 -3.52	51.75 -0.05 -2.62	56.06 -0.33 -0.65	56.08 -0.28 -0.95	57.02 -0.22 -1.12	58.57 -0.71 0.00	60.58 -0.73 0.00	60.53 -0.55 0.00	56.73 0.00 0.00	56.19 0.06 0.00	59.06 0.24 0.00	63.12 0.32 0.00	65.22 0.26 0.00	69.88 0.35 0.00	78.19 1.00 0.00	87.70 1.30 0.00	82.36 1.46 0.00	78.26 1.23 0.00	74.69 0.89 0.00	63.25 0.32 0.00	57.70 0.23 0.00	54.52 0.22 0.00
NEG___GEN_MONROE 24207	61.07 -1.29 -0.91	50.99 -1.06 -1.36	48.27 -1.11 -1.20	48.54 -1.52 -0.89	53.51 -2.45 -0.22	53.35 -2.38 -0.32	54.03 -2.47 -0.38	55.84 -3.44 0.00	57.70 -3.62 0.00	57.91 -3.18 0.00	54.46 -2.27 0.00	54.34 -1.80 0.00	57.35 -1.47 0.00	60.79 -2.01 0.00	62.88 -2.08 0.00	67.24 -2.29 0.00	75.88 -1.31 0.00	85.11 -1.30 0.00	80.01 -0.89 0.00	76.34 -0.69 0.00	72.77 -1.03 0.00	60.92 -2.01 0.00	55.92 -1.55 0.00	52.89 -1.41 0.00
NEPA___ENERGY 23901	60.17 -2.64 -1.36	50.61 -2.13 -2.04	47.91 -2.07 -1.80	48.05 -2.46 -1.34	52.34 -3.73 -0.33	52.35 -3.55 -0.49	53.10 -3.59 -0.57	54.30 -4.98 0.00	56.23 -5.09 0.00	56.81 -4.28 0.00	54.01 -2.72 0.00	54.12 -2.02 0.00	57.35 -1.47 0.00	61.11 -1.70 0.00	63.27 -1.69 0.00	67.79 -1.74 0.00	76.73 -0.46 0.00	85.97 -0.43 0.00	80.90 0.00 0.00	76.80 -0.23 0.00	72.92 -0.89 0.00	60.47 -2.45 0.00	55.52 -1.95 0.00	52.57 -1.74 0.00

NEVERSINK___HYD 23608	72.66 4.24 -6.97	64.37 3.25 -10.42	60.45 3.09 -9.18	59.01 3.00 -6.83	60.56 3.12 -1.71	60.93 3.05 -2.48	62.24 3.20 -2.92	62.41 3.14 0.00	64.69 3.37 0.00	64.56 3.48 0.00	59.96 3.23 0.00	59.50 3.37 0.00	62.41 3.59 0.00	66.83 4.02 0.00	69.03 4.48 0.40	73.87 4.87 0.53	82.02 5.56 0.73	93.49 7.09 0.00	87.29 6.39 0.00	82.11 5.08 0.00	78.60 4.79 0.00	66.90 3.97 0.00	60.97 3.51 0.00	57.40 3.09 0.00
NEWKRMKL_115KV_TB1 55635	84.64 2.52 -20.67	83.84 2.23 -30.91	77.54 2.12 -27.24	71.66 2.21 -20.27	63.25 2.45 -5.06	65.14 2.38 -7.35	67.20 2.41 -8.66	61.41 2.13 0.00	63.28 1.96 0.00	62.92 1.83 0.00	58.04 1.30 0.00	57.31 1.18 0.00	60.00 1.18 0.00	63.93 1.13 0.00	66.13 1.17 0.00	70.92 1.39 0.00	78.43 1.24 0.00	88.05 1.64 0.00	82.27 1.38 0.00	77.88 0.85 0.00	74.91 1.11 0.00	64.19 1.26 0.00	58.50 1.03 0.00	55.61 1.30 0.00
NEWTON___FALLS_HYD 23847	61.76 0.31 0.00	50.90 0.20 0.00	48.28 0.10 0.00	49.22 0.05 0.00	56.13 0.39 0.00	55.96 0.55 0.00	56.85 0.73 0.00	60.34 1.07 0.00	62.36 1.04 0.00	61.94 0.86 0.00	57.41 0.68 0.00	56.75 0.62 0.00	59.11 0.29 0.00	62.68 -0.13 0.00	64.44 -0.52 0.00	68.56 -0.97 0.00	76.50 -0.69 0.00	85.71 -0.69 0.00	80.49 -0.40 0.00	77.72 0.69 0.00	74.91 1.11 0.00	64.25 1.32 0.00	58.73 1.26 0.00	55.50 1.19 0.00
NGRID_A1_DSASP 323792	58.67 -3.93 -1.16	49.33 -3.09 -1.73	46.72 -2.99 -1.52	46.86 -3.44 -1.14	50.95 -5.07 -0.28	50.89 -4.93 -0.41	50.77 -5.84 -0.49	51.69 -7.59 0.00	53.59 -7.73 0.00	54.18 -6.90 0.00	52.08 -4.65 0.00	51.76 -4.38 0.00	54.94 -3.88 0.00	58.03 -4.78 0.00	59.89 -5.07 0.00	63.97 -5.57 0.00	72.64 -4.55 0.00	80.96 -5.44 0.00	76.13 -4.77 0.00	73.02 -4.01 0.00	68.93 -4.87 0.00	58.02 -4.91 0.00	53.28 -4.19 0.00	51.10 -3.20 0.00
NGRID_A2_DSASP 323793	58.67 -3.93 -1.16	49.33 -3.09 -1.73	46.72 -2.99 -1.52	46.86 -3.44 -1.14	50.95 -5.07 -0.28	50.89 -4.93 -0.41	50.77 -5.84 -0.49	51.69 -7.59 0.00	53.59 -7.73 0.00	54.18 -6.90 0.00	52.08 -4.65 0.00	51.76 -4.38 0.00	54.94 -3.88 0.00	58.03 -4.78 0.00	59.89 -5.07 0.00	63.97 -5.57 0.00	72.64 -4.55 0.00	80.96 -5.44 0.00	76.13 -4.77 0.00	73.02 -4.01 0.00	68.93 -4.87 0.00	58.02 -4.91 0.00	53.28 -4.19 0.00	51.10 -3.20 0.00
NGRID_A4_DSASP 323807	58.67 -3.93 -1.16	49.33 -3.09 -1.73	46.72 -2.99 -1.52	46.86 -3.44 -1.14	50.95 -5.07 -0.28	50.89 -4.93 -0.41	50.77 -5.84 -0.49	51.69 -7.59 0.00	53.59 -7.73 0.00	54.18 -6.90 0.00	52.08 -4.65 0.00	51.76 -4.38 0.00	54.94 -3.88 0.00	58.03 -4.78 0.00	59.89 -5.07 0.00	63.97 -5.57 0.00	72.64 -4.55 0.00	80.96 -5.44 0.00	76.13 -4.77 0.00	73.02 -4.01 0.00	68.93 -4.87 0.00	58.02 -4.91 0.00	53.28 -4.19 0.00	51.10 -3.20 0.00
NIAGARA_115E_LBMP 323715	58.00 -4.61 -1.16	48.73 -3.70 -1.73	46.14 -3.56 -1.53	46.23 -4.08 -1.14	50.28 -5.74 -0.28	50.23 -5.59 -0.41	50.77 -5.84 -0.49	51.80 -7.47 0.00	53.65 -7.67 0.00	54.30 -6.78 0.00	52.14 -4.59 0.00	51.81 -4.32 0.00	55.00 -3.82 0.00	58.09 -4.71 0.00	59.96 -5.00 0.00	64.18 -5.35 0.00	72.87 -4.32 0.00	81.22 -5.18 0.00	76.45 -4.45 0.00	73.26 -3.77 0.00	69.15 -4.65 0.00	58.14 -4.79 0.00	53.39 -4.08 0.00	51.37 -2.93 0.00
NIAGARA_115W_LBMP 323714	58.61 -3.99 -1.16	49.28 -3.14 -1.73	46.67 -3.03 -1.52	46.76 -3.54 -1.13	50.89 -5.13 -0.28	50.78 -5.04 -0.41	50.66 -5.95 -0.48	51.57 -7.70 0.00	53.47 -7.85 0.00	54.06 -7.02 0.00	51.97 -4.77 0.00	51.59 -4.55 0.00	54.76 -4.06 0.00	57.84 -4.96 0.00	59.70 -5.26 0.00	63.83 -5.70 0.00	72.48 -4.71 0.00	80.70 -5.71 0.00	75.96 -4.94 0.00	72.79 -4.24 0.00	68.78 -5.02 0.00	57.83 -5.10 0.00	53.16 -4.31 0.00	50.94 -3.37 0.00
NIAGARA_230_LBMP 323716	58.60 -3.99 -1.14	49.31 -3.09 -1.70	46.65 -3.03 -1.50	46.80 -3.49 -1.12	50.94 -5.07 -0.28	50.88 -4.93 -0.40	51.38 -5.22 -0.48	52.46 -6.81 0.00	54.33 -6.99 0.00	54.92 -6.17 0.00	52.76 -3.97 0.00	52.38 -3.76 0.00	55.53 -3.29 0.00	58.72 -4.08 0.00	60.61 -4.35 0.00	64.88 -4.66 0.00	73.56 -3.63 0.00	82.09 -4.32 0.00	77.18 -3.72 0.00	73.95 -3.08 0.00	69.89 -3.91 0.00	58.71 -4.22 0.00	53.96 -3.51 0.00	51.70 -2.61 0.00
NIAGARA___115KV_198_GIBSON 55903	58.61 -3.99 -1.16	49.28 -3.14 -1.73	46.67 -3.04 -1.52	46.76 -3.54 -1.13	50.89 -5.13 -0.28	50.78 -5.04 -0.41	50.66 -5.95 -0.48	51.57 -7.71 0.00	53.41 -7.91 0.00	54.06 -7.02 0.00	51.28 -5.45 0.00	51.59 -4.55 0.00	54.76 -4.06 0.00	57.72 -5.09 0.00	59.70 -5.26 0.00	63.76 -5.77 0.00	72.17 -5.02 0.00	80.79 -5.62 0.00	75.96 -4.93 0.00	72.25 -4.78 0.00	68.78 -5.02 0.00	57.08 -5.85 0.00	52.76 -4.71 0.00	50.18 -4.13 0.00
NIAGARA____ 23760	58.62 -3.99 -1.16	49.34 -3.09 -1.73	46.67 -3.03 -1.53	46.82 -3.49 -1.14	50.95 -5.07 -0.28	50.89 -4.93 -0.41	51.39 -5.22 -0.49	52.46 -6.81 0.00	54.33 -6.99 0.00	54.92 -6.17 0.00	52.76 -3.97 0.00	52.38 -3.76 0.00	55.53 -3.29 0.00	58.72 -4.08 0.00	60.61 -4.35 0.00	64.88 -4.66 0.00	73.56 -3.63 0.00	82.09 -4.32 0.00	77.18 -3.72 0.00	73.95 -3.08 0.00	69.89 -3.91 0.00	58.71 -4.22 0.00	53.96 -3.51 0.00	51.70 -2.61 0.00
NINE_MILE_1 23575	59.48 -1.97 0.00	49.13 -1.57 0.00	46.64 -1.54 0.00	47.50 -1.67 0.00	53.68 -2.06 0.00	53.36 -2.05 0.00	54.16 -1.97 0.00	56.96 -2.31 0.00	58.99 -2.33 0.00	58.83 -2.26 0.00	54.80 -1.93 0.00	54.28 -1.85 0.00	56.88 -1.94 0.00	60.73 -2.07 0.00	62.82 -2.14 0.00	67.24 -2.29 0.00	74.95 -2.24 0.00	83.90 -2.51 0.00	78.72 -2.18 0.00	74.95 -2.08 0.00	71.66 -2.14 0.00	60.98 -1.95 0.00	55.69 -1.78 0.00	52.62 -1.68 0.00
NINE_MILE_2 23744	59.48 -1.97 0.00	49.13 -1.57 0.00	46.64 -1.54 0.00	47.50 -1.67 0.00	53.68 -2.06 0.00	53.42 -1.99 0.00	54.16 -1.97 0.00	57.02 -2.25 0.00	58.99 -2.33 0.00	58.83 -2.26 0.00	54.80 -1.93 0.00	54.28 -1.85 0.00	56.88 -1.94 0.00	60.73 -2.07 0.00	62.82 -2.14 0.00	67.24 -2.29 0.00	74.95 -2.24 0.00	83.90 -2.51 0.00	78.72 -2.18 0.00	74.95 -2.08 0.00	71.66 -2.14 0.00	60.98 -1.95 0.00	55.69 -1.78 0.00	52.62 -1.68 0.00
NM_CAPITAL___DRP 24208	84.37 2.52 -20.40	83.48 2.28 -30.50	77.23 2.17 -26.88	71.44 2.26 -20.01	63.24 2.51 -4.99	65.10 2.44 -7.25	67.14 2.47 -8.55	61.47 2.19 0.00	63.40 2.08 0.00	63.04 1.95 0.00	58.09 1.36 0.00	57.31 1.18 0.00	60.06 1.24 0.00	64.00 1.19 0.00	66.26 1.30 0.00	71.06 1.53 0.00	78.66 1.47 0.00	88.30 1.90 0.00	82.52 1.62 0.00	78.11 1.08 0.00	75.06 1.25 0.00	64.31 1.38 0.00	58.56 1.09 0.00	55.66 1.36 0.00
NM_CENTRAL___DRP 24181	60.65 -0.80 0.00	49.99 -0.71 0.00	47.46 -0.72 0.00	48.29 -0.89 0.00	54.57 -1.17 0.00	54.25 -1.16 0.00	55.00 -1.12 0.00	57.91 -1.36 0.00	59.91 -1.41 0.00	59.80 -1.28 0.00	55.71 -1.02 0.00	55.24 -0.90 0.00	57.94 -0.88 0.00	61.86 -0.94 0.00	63.92 -1.04 0.00	68.42 -1.11 0.00	76.34 -0.85 0.00	85.63 -0.78 0.00	80.33 -0.57 0.00	76.34 -0.69 0.00	73.06 -0.74 0.00	61.98 -0.94 0.00	56.61 -0.86 0.00	53.44 -0.87 0.00

NM_FRONTIER___DRP 24179	58.61 -3.99 -1.16	49.28 -3.14 -1.73	46.67 -3.04 -1.52	46.76 -3.54 -1.13	50.89 -5.13 -0.28	50.78 -5.04 -0.41	50.66 -5.95 -0.48	51.57 -7.71 0.00	53.41 -7.91 0.00	54.06 -7.02 0.00	51.28 -5.45 0.00	51.59 -4.55 0.00	54.76 -4.06 0.00	57.72 -5.09 0.00	59.70 -5.26 0.00	63.76 -5.77 0.00	72.17 -5.02 0.00	80.79 -5.62 0.00	75.96 -4.93 0.00	72.25 -4.78 0.00	68.78 -5.02 0.00	57.08 -5.85 0.00	52.76 -4.71 0.00	50.18 -4.13 0.00
NM_ST_REGIS___HYD 24053	60.90 -0.55 0.00	50.24 -0.46 0.00	47.70 -0.48 0.00	48.78 -0.39 0.00	55.90 0.17 0.00	55.69 0.28 0.00	56.57 0.45 0.00	60.40 1.13 0.00	62.36 1.04 0.00	61.82 0.73 0.00	57.35 0.62 0.00	56.70 0.56 0.00	59.11 0.29 0.00	62.68 -0.13 0.00	64.44 -0.52 0.00	68.42 -1.11 0.00	75.88 -1.31 0.00	84.68 -1.73 0.00	79.28 -1.62 0.00	76.64 -0.39 0.00	73.95 0.15 0.00	63.56 0.63 0.00	58.39 0.92 0.00	55.23 0.92 0.00
NORTHPORT___1 23551	103.03 5.77 -35.81	79.33 4.72 -23.91	68.27 4.58 -15.51	60.73 4.47 -7.09	62.08 4.57 -1.78	62.42 4.43 -2.57	63.92 4.77 -3.03	64.08 4.80 -0.01	66.72 5.40 -0.01	66.65 5.56 -0.01	61.56 4.82 -0.01	63.83 5.16 -2.53	75.36 5.35 -11.19	76.79 5.71 -8.27	77.92 5.97 -6.99	79.59 6.19 -3.87	81.63 5.56 1.12	88.53 7.09 4.97	80.74 6.15 6.30	80.74 4.31 0.60	79.14 5.32 -0.02	77.27 4.85 -9.50	62.48 5.00 -0.01	58.49 4.18 0.00
NORTHPORT___2 23552	103.03 5.77 -35.81	79.33 4.72 -23.91	68.27 4.58 -15.51	60.73 4.47 -7.09	62.08 4.57 -1.78	62.42 4.43 -2.57	63.92 4.77 -3.03	64.08 4.80 -0.01	66.72 5.40 -0.01	66.65 5.56 -0.01	61.56 4.82 -0.01	63.83 5.16 -2.53	75.36 5.35 -11.19	76.79 5.71 -8.27	77.92 5.97 -6.99	79.59 6.19 -3.87	81.63 5.56 1.12	88.53 7.09 4.97	80.74 6.15 6.30	80.74 4.31 0.60	79.14 5.32 -0.02	77.27 4.85 -9.50	62.48 5.00 -0.01	58.49 4.18 0.00
NORTHPORT___3 23553	102.17 4.92 -35.81	78.46 3.85 -23.91	67.36 3.66 -15.51	59.85 3.59 -7.09	61.13 3.62 -1.78	61.48 3.49 -2.57	62.92 3.76 -3.03	63.13 3.85 -0.01	65.62 4.29 -0.01	65.61 4.52 -0.01	60.88 4.14 -0.01	63.16 4.49 -2.53	74.72 4.71 -11.19	76.10 5.03 -8.27	77.15 5.20 -6.99	78.61 5.22 -3.86	81.78 5.25 0.66	90.58 6.74 2.57	83.99 6.07 2.98	81.49 4.08 -0.38	77.87 4.06 -0.01	76.20 3.78 -9.50	61.62 4.14 -0.01	57.78 3.48 0.00
NORTHPORT___4 23650	102.17 4.92 -35.81	78.46 3.85 -23.91	67.36 3.66 -15.51	59.85 3.59 -7.09	61.13 3.62 -1.78	61.48 3.49 -2.57	62.92 3.76 -3.03	63.13 3.85 -0.01	65.62 4.29 -0.01	65.61 4.52 -0.01	60.88 4.14 -0.01	63.16 4.49 -2.53	74.72 4.71 -11.19	76.10 5.03 -8.27	77.15 5.20 -6.99	78.61 5.22 -3.86	81.78 5.25 0.66	90.58 6.74 2.57	83.99 6.07 2.98	81.49 4.08 -0.38	77.87 4.06 -0.01	76.20 3.78 -9.50	61.62 4.14 -0.01	57.78 3.48 0.00
NORTHPORT___IC 23718	103.09 5.84 -35.81	79.38 4.77 -23.91	68.27 4.58 -15.51	60.73 4.47 -7.08	62.07 4.57 -1.77	62.41 4.43 -2.57	63.92 4.77 -3.02	64.08 4.80 0.00	66.71 5.40 0.00	66.64 5.56 0.00	61.72 4.99 0.00	63.83 5.16 -2.53	75.36 5.35 -11.19	76.85 5.78 -8.27	77.92 5.98 -6.99	79.59 6.19 -3.87	81.85 5.79 1.13	88.70 7.26 4.97	81.39 6.80 6.30	81.20 4.78 0.60	79.13 5.31 -0.02	77.40 4.97 -9.50	62.53 5.06 0.00	58.54 4.24 0.00
NORTH___COUNTRY_ESR 323785	59.73 -1.72 0.00	49.33 -1.37 0.00	46.98 -1.20 0.00	48.09 -1.08 0.00	55.01 -0.73 0.00	54.86 -0.55 0.00	55.79 -0.33 0.00	59.63 0.36 0.00	61.69 0.37 0.00	61.08 0.00 0.00	56.62 -0.11 0.00	55.97 -0.17 0.00	58.70 -0.12 0.00	62.55 -0.25 0.00	64.57 -0.39 0.00	68.91 -0.63 0.00	76.27 -0.92 0.00	85.02 -1.39 0.00	79.60 -1.30 0.00	76.57 -0.46 0.00	73.51 -0.29 0.00	62.99 0.06 0.00	57.76 0.29 0.00	54.63 0.33 0.00
NPX_GEN_1385_PROXY 323591	102.35 5.10 -35.81	79.33 4.72 -23.91	68.80 5.10 -15.51	61.33 5.07 -7.09	62.75 5.24 -1.78	62.91 4.93 -2.57	61.50 5.33 -0.04	67.37 5.10 -3.00	67.21 5.89 -0.01	66.96 5.86 -0.01	60.54 3.80 -0.01	59.07 4.15 1.22	63.59 4.29 -0.48	69.72 4.58 -2.34	76.82 4.87 -6.99	79.66 6.26 -3.87	82.01 5.94 1.12	89.30 7.86 4.97	81.96 7.36 6.30	81.36 4.93 0.60	79.65 5.83 -0.02	77.08 4.66 -9.50	63.30 4.77 -1.06	57.05 3.80 1.05
NPX_GEN_CSC 323557	103.16 5.90 -35.81	79.38 4.76 -23.91	68.13 4.43 -15.51	60.44 4.18 -7.09	61.69 4.18 -1.78	62.14 4.16 -2.57	60.55 4.38 -0.04	66.77 4.50 -3.00	66.53 5.21 -0.01	66.47 5.38 -0.01	61.44 4.71 -0.01	63.83 5.16 -2.53	74.53 5.47 -10.24	78.12 6.09 -9.22	78.51 6.56 -6.99	80.42 7.02 -3.87	85.42 7.02 -1.20	104.12 8.99 -8.73	107.84 8.01 -18.93	90.89 6.08 -7.78	80.17 6.35 -0.02	77.84 5.41 -9.50	63.59 5.06 -1.06	57.33 4.07 1.05
NSINS_S_GLNS_FALLS 23858	95.43 4.06 -29.93	98.65 3.19 -44.75	90.60 2.99 -39.43	81.53 3.00 -29.35	66.35 3.29 -7.33	69.38 3.32 -10.64	71.98 3.31 -12.54	62.36 3.08 0.00	64.38 3.07 0.00	63.77 2.69 0.00	58.49 1.76 0.00	57.65 1.52 0.00	60.23 1.41 0.00	64.31 1.51 0.00	66.52 1.56 0.00	71.62 2.09 0.00	79.66 2.47 0.00	89.95 3.54 0.00	84.86 3.96 0.00	80.80 3.77 0.00	77.86 4.06 0.00	66.26 3.34 0.00	60.29 2.82 0.00	56.80 2.50 0.00
NUCOR_STEEL___DRP 24197	62.23 -0.12 -0.91	52.00 -0.05 -1.36	49.23 -0.14 -1.20	49.77 -0.30 -0.89	55.35 -0.61 -0.22	55.12 -0.61 -0.32	56.00 -0.51 -0.38	58.44 -0.83 0.00	60.40 -0.92 0.00	60.29 -0.79 0.00	56.22 -0.51 0.00	55.74 -0.39 0.00	58.47 -0.35 0.00	62.36 -0.44 0.00	64.44 -0.52 0.00	69.05 -0.49 0.00	77.19 0.00 0.00	86.66 0.26 0.00	81.46 0.57 0.00	77.49 0.46 0.00	74.10 0.30 0.00	62.80 -0.13 0.00	57.41 -0.06 0.00	54.14 -0.16 0.00
NUMBER_THREE_WT_PWR 323818	62.49 1.04 0.00	51.51 0.81 0.00	48.86 0.67 0.00	49.71 0.54 0.00	56.46 0.72 0.00	56.41 1.00 0.00	57.35 1.23 0.00	60.52 1.25 0.00	62.85 1.53 0.00	62.43 1.34 0.00	57.92 1.19 0.00	57.15 1.01 0.00	59.58 0.76 0.00	63.30 0.50 0.00	65.22 0.26 0.00	69.74 0.21 0.00	78.04 0.85 0.00	87.78 1.38 0.00	82.52 1.62 0.00	79.49 2.46 0.00	76.45 2.65 0.00	65.32 2.39 0.00	59.42 1.96 0.00	56.15 1.85 0.00
NYISO_LBMP_REFERENCE 24008	61.45 0.00 0.00	50.70 0.00 0.00	48.18 0.00 0.00	49.17 0.00 0.00	55.74 0.00 0.00	55.41 0.00 0.00	56.12 0.00 0.00	59.27 0.00 0.00	61.32 0.00 0.00	61.08 0.00 0.00	56.73 0.00 0.00	56.14 0.00 0.00	58.82 0.00 0.00	62.80 0.00 0.00	64.96 0.00 0.00	69.53 0.00 0.00	77.19 0.00 0.00	86.40 0.00 0.00	80.90 0.00 0.00	77.03 0.00 0.00	73.80 0.00 0.00	62.93 0.00 0.00	57.47 0.00 0.00	54.31 0.00 0.00
NYPA_BRENTWD____GT 24164	104.08 6.82 -35.81	80.14 5.53 -23.91	68.90 5.21 -15.51	61.33 5.07 -7.09	62.75 5.24 -1.78	63.14 5.15 -2.57	64.60 5.44 -3.03	64.85 5.57 -0.01	67.52 6.19 -0.01	67.45 6.35 -0.01	62.41 5.67 -0.01	64.67 6.01 -2.53	76.30 6.30 -11.19	77.92 6.85 -8.27	79.22 7.27 -6.99	81.12 7.72 -3.86	101.53 7.41 -16.93	190.96 9.25 -95.30	214.49 8.17 -125.42	126.80 6.24 -43.54	80.75 6.94 -0.02	78.47 6.04 -9.50	63.34 5.86 -0.01	59.25 4.94 0.00

NYPA_GOWANUS____GT5 24156	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.29 5.33 -0.01	75.11 5.56 -0.01	83.06 5.86 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.65 3.71 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NYPA_GOWANUS____GT6 24157	72.98 4.30 -7.22	64.75 3.25 -10.80	61.01 3.32 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.17 3.03 -3.02	62.35 3.08 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.14 4.99 -0.01	63.94 5.11 -0.01	67.90 5.08 -0.01	70.29 5.33 -0.01	75.11 5.56 -0.01	83.06 5.86 -0.01	93.93 7.51 -0.01	87.22 6.31 -0.01	81.41 4.39 0.01	77.85 4.06 0.01	66.65 3.71 -0.01	61.39 3.91 -0.01	58.39 4.07 -0.01
NYPA_HARLEM__RVR__GT1 24160	72.61 3.94 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.41 3.14 0.00	64.80 3.49 0.01	64.74 3.66 0.01	60.82 4.09 0.00	60.91 4.77 -0.01	63.59 4.76 -0.01	67.52 4.71 -0.01	69.97 5.00 -0.01	74.69 5.15 -0.01	82.68 5.48 -0.01	93.50 7.09 -0.01	86.81 5.90 -0.01	81.10 4.08 0.01	77.48 3.69 0.01	66.27 3.33 -0.01	61.21 3.73 -0.01	58.06 3.74 -0.01
NYPA_HARLEM__RVR__GT2 24161	72.61 3.94 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.41 3.14 0.00	64.80 3.49 0.01	64.74 3.66 0.01	60.82 4.09 0.00	60.91 4.77 -0.01	63.59 4.76 -0.01	67.52 4.71 -0.01	69.97 5.00 -0.01	74.69 5.15 -0.01	82.68 5.48 -0.01	93.50 7.09 -0.01	86.81 5.90 -0.01	81.10 4.08 0.01	77.48 3.69 0.01	66.27 3.33 -0.01	61.21 3.73 -0.01	58.06 3.74 -0.01
NYPA_KENT____GT 24152	72.15 4.18 -6.52	64.69 3.20 -10.80	60.97 3.28 -9.51	59.55 3.29 -7.08	60.62 3.12 -1.77	60.69 2.71 -2.57	62.23 3.08 -3.02	62.41 3.14 0.00	64.80 3.49 0.01	64.80 3.73 0.01	60.82 4.09 0.00	61.03 4.88 -0.01	63.77 4.94 0.00	67.71 4.90 0.00	70.16 5.20 0.00	74.35 5.43 0.61	82.14 5.71 0.77	92.89 7.26 0.78	86.02 6.07 0.95	76.22 4.16 4.96	73.70 3.84 3.94	66.52 3.59 0.00	61.27 3.79 0.00	58.23 3.91 -0.01
NYPA_POUCH1____GT 24155	72.67 3.99 -7.22	64.49 2.99 -10.80	60.78 3.09 -9.51	56.46 3.05 -4.24	56.27 2.84 2.31	56.03 2.44 1.81	55.98 2.75 2.89	57.95 2.73 4.06	59.08 3.13 5.36	64.50 3.42 0.01	60.59 3.86 0.00	61.03 4.88 -0.01	63.82 5.00 -0.01	67.77 4.96 -0.01	70.23 5.26 -0.01	75.03 5.49 -0.01	82.99 5.79 -0.01	93.75 7.34 -0.01	87.14 6.23 -0.01	81.26 4.23 0.01	77.70 3.91 0.01	66.46 3.52 -0.01	61.27 3.79 -0.01	58.33 4.02 -0.01
NYPA_VERNON____GT2 24162	71.32 4.05 -5.81	64.58 3.09 -10.79	60.92 3.23 -9.51	59.49 3.24 -7.08	60.57 3.06 -1.77	60.75 2.77 -2.57	62.29 3.14 -3.02	62.47 3.20 0.00	64.86 3.56 0.01	64.87 3.79 0.01	60.76 4.03 0.00	60.91 4.77 -0.01	63.64 4.82 0.00	67.64 4.84 0.00	70.09 5.13 0.00	73.59 5.28 1.22	81.21 5.56 1.54	91.93 7.09 1.56	84.90 5.90 1.90	71.11 4.00 9.92	69.62 3.69 7.87	66.38 3.46 0.00	61.15 3.68 0.00	58.06 3.74 -0.01
NYPA_VERNON____GT3 24163	71.32 4.05 -5.81	64.58 3.09 -10.79	60.92 3.23 -9.51	59.49 3.24 -7.08	60.57 3.06 -1.77	60.75 2.77 -2.57	62.29 3.14 -3.02	62.47 3.20 0.00	64.86 3.56 0.01	64.87 3.79 0.01	60.76 4.03 0.00	60.91 4.77 -0.01	63.64 4.82 0.00	67.64 4.84 0.00	70.09 5.13 0.00	73.59 5.28 1.22	81.21 5.56 1.54	91.93 7.09 1.56	84.90 5.90 1.90	71.11 4.00 9.92	69.62 3.69 7.87	66.38 3.46 0.00	61.15 3.68 0.00	58.06 3.74 -0.01
NYPA__ASTORIA_CC1 323568	70.79 3.81 -5.53	64.43 2.94 -10.79	60.82 3.13 -9.51	59.40 3.15 -7.08	60.46 2.95 -1.77	60.58 2.60 -2.57	62.12 2.97 -3.02	62.30 3.02 0.00	64.68 3.37 0.01	64.68 3.60 0.01	60.64 3.91 0.00	60.80 4.66 -0.01	63.53 4.71 0.00	67.45 4.65 0.00	69.83 4.87 0.01	73.14 5.07 1.47	80.66 5.32 1.85	91.35 6.82 1.88	84.28 5.66 2.28	68.89 3.77 11.91	67.82 3.47 9.45	66.19 3.27 0.01	61.03 3.56 0.00	57.95 3.64 -0.01
NYPA__ASTORIA_CC2 323569	70.79 3.81 -5.53	64.43 2.94 -10.79	60.82 3.13 -9.51	59.40 3.15 -7.08	60.46 2.95 -1.77	60.58 2.60 -2.57	62.12 2.97 -3.02	62.30 3.02 0.00	64.68 3.37 0.01	64.68 3.60 0.01	60.64 3.91 0.00	60.80 4.66 -0.01	63.53 4.71 0.00	67.45 4.65 0.00	69.83 4.87 0.01	73.14 5.07 1.47	80.66 5.32 1.85	91.35 6.82 1.88	84.28 5.66 2.28	68.89 3.77 11.91	67.82 3.47 9.45	66.19 3.27 0.01	61.03 3.56 0.00	57.95 3.64 -0.01
NYPA__HOLTSVILL 23794	103.34 6.08 -35.81	79.63 5.02 -23.91	68.37 4.67 -15.51	60.78 4.52 -7.09	62.08 4.57 -1.78	62.53 4.54 -2.57	63.92 4.77 -3.03	64.20 4.92 -0.01	66.85 5.52 -0.01	66.77 5.68 -0.01	61.67 4.93 -0.01	64.00 5.34 -2.53	75.60 5.59 -11.19	77.23 6.16 -8.27	78.58 6.63 -6.99	80.43 7.02 -3.88	86.97 6.87 -2.91	107.76 8.56 -12.80	112.75 7.60 -24.25	90.11 5.70 -7.38	79.95 6.12 -0.03	77.77 5.35 -9.50	62.65 5.17 -0.01	58.60 4.29 0.00
NYPA____HELLGATE_GT1 24158	72.61 3.94 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.41 3.14 0.00	64.80 3.49 0.01	64.74 3.66 0.01	60.82 4.09 0.00	60.91 4.77 -0.01	63.59 4.76 -0.01	67.52 4.71 -0.01	69.97 5.00 -0.01	74.69 5.15 -0.01	82.68 5.48 -0.01	93.50 7.09 -0.01	86.81 5.90 -0.01	81.10 4.08 0.01	77.48 3.69 0.01	66.27 3.33 -0.01	61.21 3.73 -0.01	58.06 3.74 -0.01
NYPA____HELLGATE_GT2 24159	72.61 3.94 -7.22	64.54 3.04 -10.80	60.93 3.23 -9.52	59.55 3.29 -7.09	60.63 3.12 -1.77	60.75 2.77 -2.57	62.35 3.20 -3.03	62.41 3.14 0.00	64.80 3.49 0.01	64.74 3.66 0.01	60.82 4.09 0.00	60.91 4.77 -0.01	63.59 4.76 -0.01	67.52 4.71 -0.01	69.97 5.00 -0.01	74.69 5.15 -0.01	82.68 5.48 -0.01	93.50 7.09 -0.01	86.81 5.90 -0.01	81.10 4.08 0.01	77.48 3.69 0.01	66.27 3.33 -0.01	61.21 3.73 -0.01	58.06 3.74 -0.01
NYS_BARGE__HYD 23848	58.77 -3.81 -1.13	49.34 -3.04 -1.68	46.68 -2.99 -1.48	46.83 -3.44 -1.10	50.94 -5.07 -0.28	50.93 -4.88 -0.40	51.49 -5.11 -0.47	52.58 -6.70 0.00	54.51 -6.81 0.00	55.10 -5.98 0.00	52.87 -3.86 0.00	52.49 -3.65 0.00	55.70 -3.12 0.00	58.91 -3.89 0.00	60.80 -4.16 0.00	65.08 -4.45 0.00	73.87 -3.32 0.00	82.43 -3.97 0.00	77.58 -3.32 0.00	74.33 -2.70 0.00	70.26 -3.54 0.00	59.09 -3.84 0.00	54.20 -3.27 0.00	52.19 -2.12 0.00
OAK ORCHARD__HYD 24046	59.85 -1.60 0.00	49.43 -1.27 0.00	46.88 -1.30 0.00	47.55 -1.62 0.00	53.17 -2.56 0.00	52.92 -2.49 0.00	53.60 -2.52 0.00	55.90 -3.38 0.00	57.95 -3.37 0.00	58.21 -2.87 0.00	55.03 -1.70 0.00	54.62 -1.51 0.00	57.58 -1.24 0.00	61.17 -1.63 0.00	63.14 -1.82 0.00	67.59 -1.95 0.00	76.18 -1.01 0.00	85.28 -1.13 0.00	80.09 -0.81 0.00	76.65 -0.38 0.00	72.84 -0.96 0.00	61.48 -1.44 0.00	56.21 -1.26 0.00	53.43 -0.87 0.00

OAKDALE___35_KV_LOAD 356122	64.10 -0.06 -2.71	54.65 -0.10 -4.06	51.61 -0.14 -3.57	51.59 -0.25 -2.66	55.84 -0.56 -0.66	55.88 -0.50 -0.96	56.81 -0.45 -1.14	58.27 -1.01 0.00	60.28 -1.04 0.00	60.29 -0.79 0.00	56.39 -0.34 0.00	55.97 -0.17 0.00	58.76 -0.06 0.00	62.80 0.00 0.00	64.96 0.00 0.00	69.53 0.00 0.00	77.81 0.62 0.00	87.35 0.95 0.00	81.95 1.05 0.00	77.72 0.69 0.00	74.32 0.52 0.00	62.80 -0.13 0.00	57.35 -0.11 0.00	54.14 -0.16 0.00
OCC_CHEM___DRP 24175	58.68 -3.93 -1.16	49.34 -3.09 -1.73	46.72 -2.99 -1.52	46.87 -3.44 -1.14	50.95 -5.07 -0.28	50.89 -4.93 -0.41	50.77 -5.84 -0.49	51.69 -7.59 0.00	53.53 -7.79 0.00	54.18 -6.90 0.00	51.40 -5.33 0.00	51.70 -4.43 0.00	54.88 -3.94 0.00	57.84 -4.96 0.00	59.83 -5.13 0.00	63.97 -5.56 0.00	72.33 -4.86 0.00	80.96 -5.44 0.00	76.13 -4.77 0.00	72.41 -4.62 0.00	68.93 -4.87 0.00	57.20 -5.73 0.00	52.93 -4.54 0.00	50.29 -4.02 0.00
OH_GEN_PROXY 24063	58.66 -3.93 -1.14	49.31 -3.09 -1.71	46.70 -2.99 -1.50	46.85 -3.44 -1.12	51.00 -5.02 -0.28	49.85 -4.88 0.68	48.50 -5.11 2.51	55.57 -6.70 -2.99	54.51 -6.81 0.00	55.10 -5.98 0.00	52.82 -3.91 0.00	52.49 -3.65 0.00	54.69 -3.18 0.95	59.80 -3.95 -0.95	60.80 -4.16 0.00	65.01 -4.52 0.00	73.80 -3.39 0.00	82.34 -4.06 0.00	77.42 -3.48 0.00	74.10 -2.93 0.00	70.04 -3.76 0.00	58.90 -4.03 0.00	55.08 -3.45 -1.05	50.70 -2.55 1.05
OLIN_CORP_DRP 24177	58.13 -4.49 -1.17	48.90 -3.55 -1.75	46.25 -3.47 -1.54	46.38 -3.93 -1.15	50.45 -5.57 -0.29	50.40 -5.43 -0.42	50.94 -5.67 -0.49	51.98 -7.29 0.00	53.78 -7.54 0.00	54.43 -6.66 0.00	51.62 -5.11 0.00	51.93 -4.21 0.00	55.11 -3.71 0.00	58.16 -4.65 0.00	60.09 -4.87 0.00	64.32 -5.22 0.00	72.79 -4.40 0.00	81.57 -4.84 0.00	76.69 -4.21 0.00	72.95 -4.08 0.00	69.37 -4.43 0.00	57.52 -5.41 0.00	53.22 -4.25 0.00	50.61 -3.69 0.00
OLIN_CORP_DSASP 323712	58.67 -3.93 -1.16	49.33 -3.09 -1.73	46.72 -2.99 -1.52	46.86 -3.44 -1.14	50.95 -5.07 -0.28	50.89 -4.93 -0.41	50.77 -5.84 -0.49	51.69 -7.59 0.00	53.59 -7.73 0.00	54.18 -6.90 0.00	52.08 -4.65 0.00	51.76 -4.38 0.00	54.94 -3.88 0.00	58.03 -4.78 0.00	59.89 -5.07 0.00	63.97 -5.57 0.00	72.64 -4.55 0.00	80.96 -5.44 0.00	76.13 -4.77 0.00	73.02 -4.01 0.00	68.93 -4.87 0.00	58.02 -4.91 0.00	53.28 -4.19 0.00	51.10 -3.20 0.00
ONEIDA_HERK_LFGE 323681	62.99 1.54 0.00	51.91 1.21 0.00	49.29 1.11 0.00	50.21 1.03 0.00	56.85 1.11 0.00	56.69 1.28 0.00	57.53 1.40 0.00	60.69 1.42 0.00	62.85 1.53 0.00	62.49 1.41 0.00	58.04 1.31 0.00	57.32 1.18 0.00	59.82 1.00 0.00	63.68 0.88 0.00	65.74 0.78 0.00	70.37 0.84 0.00	78.73 1.54 0.00	88.39 1.99 0.00	82.92 2.02 0.00	79.42 2.39 0.00	76.23 2.43 0.00	65.00 2.07 0.00	59.14 1.67 0.00	55.82 1.52 0.00
ONEIDA___115KV_TB4 55905	63.29 1.84 0.00	52.17 1.47 0.00	49.48 1.30 0.00	50.40 1.23 0.00	56.96 1.23 0.00	56.74 1.33 0.00	57.52 1.40 0.00	60.58 1.30 0.00	62.67 1.35 0.00	62.37 1.28 0.00	57.92 1.19 0.00	57.31 1.18 0.00	59.88 1.06 0.00	63.81 1.00 0.00	65.93 0.97 0.00	70.65 1.11 0.00	79.04 1.85 0.00	88.74 2.33 0.00	83.24 2.35 0.00	79.57 2.54 0.00	76.31 2.51 0.00	64.82 1.89 0.00	59.02 1.55 0.00	55.66 1.36 0.00
ONONDAGA_REF_OCCRA 23987	60.84 -0.61 0.00	50.19 -0.51 0.00	47.65 -0.53 0.00	48.48 -0.69 0.00	54.73 -1.00 0.00	54.41 -1.00 0.00	55.22 -0.90 0.00	58.09 -1.19 0.00	60.09 -1.23 0.00	59.99 -1.10 0.00	55.94 -0.79 0.00	55.41 -0.73 0.00	58.11 -0.71 0.00	62.05 -0.75 0.00	64.11 -0.84 0.00	68.70 -0.83 0.00	76.65 -0.54 0.00	85.97 -0.43 0.00	80.74 -0.16 0.00	76.72 -0.31 0.00	73.43 -0.37 0.00	62.30 -0.63 0.00	56.90 -0.57 0.00	53.65 -0.65 0.00
ONONDAGA___COGEN 23986	60.65 -0.80 0.00	50.04 -0.66 0.00	47.51 -0.67 0.00	48.34 -0.84 0.00	54.57 -1.17 0.00	54.25 -1.16 0.00	55.06 -1.07 0.00	57.91 -1.36 0.00	59.91 -1.41 0.00	59.80 -1.28 0.00	55.71 -1.02 0.00	55.24 -0.90 0.00	57.94 -0.88 0.00	61.80 -1.00 0.00	63.85 -1.10 0.00	68.35 -1.18 0.00	76.34 -0.85 0.00	85.54 -0.86 0.00	80.33 -0.57 0.00	76.41 -0.62 0.00	73.06 -0.74 0.00	62.11 -0.82 0.00	57.01 -0.46 0.00	53.76 -0.54 0.00
ONTARIO___LFGE 23819	62.05 -0.49 -1.09	52.03 -0.30 -1.63	49.28 -0.33 -1.44	49.70 -0.54 -1.07	54.67 -1.34 -0.27	54.58 -1.22 -0.39	55.51 -1.07 -0.46	57.61 -1.66 0.00	59.54 -1.78 0.00	59.56 -1.52 0.00	55.99 -0.74 0.00	55.46 -0.67 0.00	58.35 -0.47 0.00	62.17 -0.63 0.00	64.18 -0.78 0.00	68.77 -0.76 0.00	77.42 0.23 0.00	86.84 0.43 0.00	81.87 0.97 0.00	78.19 1.16 0.00	74.46 0.66 0.00	62.87 -0.06 0.00	57.30 -0.17 0.00	54.20 -0.11 0.00
ORANGEVILLE_WT_PWR 323706	59.92 -2.95 -1.42	50.55 -2.28 -2.13	47.84 -2.22 -1.87	48.06 -2.51 -1.40	52.35 -3.73 -0.35	52.37 -3.55 -0.51	53.12 -3.59 -0.60	54.36 -4.92 0.00	56.23 -5.09 0.00	56.57 -4.52 0.00	53.95 -2.78 0.00	53.44 -2.69 0.00	56.58 -2.24 0.00	60.10 -2.70 0.00	62.04 -2.92 0.00	66.48 -3.06 0.00	75.34 -1.85 0.00	84.16 -2.25 0.00	79.52 -1.38 0.00	76.26 -0.77 0.00	72.33 -1.48 0.00	60.72 -2.20 0.00	55.63 -1.84 0.00	53.11 -1.19 0.00
ORANGEVILLE___ESR 323794	59.92 -2.95 -1.42	50.55 -2.28 -2.13	47.84 -2.22 -1.87	48.06 -2.51 -1.40	52.35 -3.73 -0.35	52.37 -3.55 -0.51	53.12 -3.59 -0.60	54.36 -4.92 0.00	56.23 -5.09 0.00	56.57 -4.52 0.00	53.95 -2.78 0.00	53.44 -2.69 0.00	56.58 -2.24 0.00	60.10 -2.70 0.00	62.04 -2.92 0.00	66.48 -3.06 0.00	75.34 -1.85 0.00	84.16 -2.25 0.00	79.52 -1.38 0.00	76.26 -0.77 0.00	72.33 -1.48 0.00	60.72 -2.20 0.00	55.63 -1.84 0.00	53.11 -1.19 0.00
OSWEGATCHIE___HYD 24044	61.76 0.31 0.00	50.90 0.20 0.00	48.28 0.10 0.00	49.22 0.05 0.00	56.13 0.39 0.00	55.96 0.55 0.00	56.85 0.73 0.00	60.34 1.07 0.00	62.36 1.04 0.00	61.94 0.85 0.00	57.47 0.74 0.00	56.75 0.62 0.00	59.12 0.30 0.00	62.68 -0.13 0.00	64.44 -0.52 0.00	68.56 -0.97 0.00	76.42 -0.77 0.00	85.71 -0.69 0.00	80.50 -0.40 0.00	77.64 0.61 0.00	74.91 1.11 0.00	64.25 1.32 0.00	58.79 1.32 0.00	55.56 1.25 0.00
OSWEGO___5 23606	59.92 -1.53 0.00	49.48 -1.22 0.00	46.98 -1.20 0.00	47.85 -1.33 0.00	54.07 -1.67 0.00	53.75 -1.66 0.00	54.49 -1.63 0.00	57.38 -1.90 0.00	59.35 -1.96 0.00	59.19 -1.89 0.00	55.20 -1.53 0.00	54.62 -1.51 0.00	57.29 -1.53 0.00	61.17 -1.63 0.00	63.21 -1.75 0.00	67.66 -1.87 0.00	75.49 -1.70 0.00	84.50 -1.90 0.00	79.28 -1.62 0.00	75.49 -1.54 0.00	72.18 -1.62 0.00	61.42 -1.51 0.00	56.09 -1.38 0.00	53.00 -1.30 0.00
OSWEGO___6 23613	59.92 -1.53 0.00	49.48 -1.22 0.00	46.98 -1.20 0.00	47.85 -1.33 0.00	54.07 -1.67 0.00	53.75 -1.66 0.00	54.49 -1.63 0.00	57.38 -1.90 0.00	59.35 -1.96 0.00	59.19 -1.89 0.00	55.20 -1.53 0.00	54.62 -1.51 0.00	57.29 -1.53 0.00	61.17 -1.63 0.00	63.21 -1.75 0.00	67.66 -1.87 0.00	75.49 -1.70 0.00	84.50 -1.90 0.00	79.28 -1.62 0.00	75.49 -1.54 0.00	72.18 -1.62 0.00	61.42 -1.51 0.00	56.09 -1.38 0.00	53.00 -1.30 0.00

OUTOKUMPU-AB___DRP 24206	59.68 -2.95 -1.18	50.08 -2.38 -1.77	47.38 -2.36 -1.56	47.53 -2.80 -1.16	51.73 -4.29 -0.29	51.67 -4.16 -0.42	52.02 -4.60 -0.50	53.11 -6.16 0.00	55.00 -6.32 0.00	55.71 -5.38 0.00	52.87 -3.86 0.00	53.10 -3.03 0.00	56.41 -2.41 0.00	59.54 -3.27 0.00	61.58 -3.38 0.00	65.64 -3.89 0.00	74.18 -3.01 0.00	83.03 -3.37 0.00	78.15 -2.75 0.00	74.26 -2.77 0.00	70.78 -3.03 0.00	58.90 -4.03 0.00	54.37 -3.10 0.00	51.59 -2.72 0.00
OXBOW___BTM 323836	59.30 -3.32 -1.17	49.81 -2.64 -1.75	47.12 -2.60 -1.54	47.27 -3.05 -1.15	51.40 -4.63 -0.29	51.34 -4.49 -0.42	51.51 -5.11 -0.49	52.52 -6.76 0.00	54.45 -6.87 0.00	55.10 -5.98 0.00	52.93 -3.80 0.00	52.54 -3.59 0.00	55.82 -3.00 0.00	58.97 -3.83 0.00	60.87 -4.09 0.00	65.01 -4.52 0.00	73.80 -3.39 0.00	81.74 -4.67 0.00	76.94 -3.96 0.00	74.18 -2.85 0.00	70.04 -3.76 0.00	58.97 -3.96 0.00	54.13 -3.33 0.00	51.92 -2.39 0.00
OXBOW___ 24026	59.30 -3.32 -1.17	49.81 -2.64 -1.75	47.12 -2.60 -1.54	47.27 -3.05 -1.15	51.40 -4.63 -0.29	51.34 -4.49 -0.42	51.50 -5.11 -0.49	52.52 -6.76 0.00	54.39 -6.93 0.00	55.10 -5.99 0.00	52.25 -4.48 0.00	52.54 -3.59 0.00	55.82 -3.00 0.00	58.85 -3.96 0.00	60.87 -4.09 0.00	64.94 -4.59 0.00	73.10 -4.09 0.00	81.74 -4.67 0.00	76.93 -3.96 0.00	73.10 -3.93 0.00	70.04 -3.76 0.00	58.21 -4.72 0.00	53.73 -3.74 0.00	51.05 -3.26 0.00
OXY_CHEM_DSASP 323612	58.68 -3.93 -1.16	49.34 -3.09 -1.73	46.72 -2.99 -1.52	46.87 -3.44 -1.14	50.95 -5.07 -0.28	50.89 -4.93 -0.41	50.77 -5.84 -0.49	51.69 -7.59 0.00	53.53 -7.79 0.00	54.18 -6.90 0.00	51.40 -5.33 0.00	51.70 -4.43 0.00	54.88 -3.94 0.00	57.84 -4.96 0.00	59.83 -5.13 0.00	63.97 -5.56 0.00	72.33 -4.86 0.00	80.96 -5.44 0.00	76.13 -4.77 0.00	72.41 -4.62 0.00	68.93 -4.87 0.00	57.20 -5.73 0.00	52.93 -4.54 0.00	50.29 -4.02 0.00
OZONE_PARK_ESR 323760	73.83 5.16 -7.22	65.49 4.01 -10.79	61.55 3.85 -9.51	60.04 3.79 -7.08	61.35 3.85 -1.77	61.58 3.60 -2.57	63.13 3.98 -3.02	63.36 4.09 0.00	65.92 4.60 0.00	65.91 4.83 0.00	61.61 4.88 0.00	61.36 5.22 0.00	64.29 5.47 0.00	68.77 5.97 0.00	71.32 6.37 0.00	76.14 6.61 0.00	84.29 7.10 0.00	95.30 8.90 0.00	88.58 7.69 0.00	82.50 5.47 0.00	78.97 5.17 0.00	67.71 4.78 0.00	62.01 4.54 0.00	58.54 4.24 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	58.68 -3.93 -1.16	49.34 -3.09 -1.73	46.72 -2.99 -1.52	46.87 -3.44 -1.14	50.95 -5.07 -0.28	50.89 -4.93 -0.41	50.77 -5.84 -0.49	51.69 -7.59 0.00	53.53 -7.79 0.00	54.18 -6.90 0.00	51.40 -5.33 0.00	51.70 -4.43 0.00	54.88 -3.94 0.00	57.84 -4.96 0.00	59.83 -5.13 0.00	63.97 -5.56 0.00	72.33 -4.86 0.00	80.96 -5.44 0.00	76.13 -4.77 0.00	72.41 -4.62 0.00	68.93 -4.87 0.00	57.20 -5.73 0.00	52.93 -4.54 0.00	50.29 -4.02 0.00
PACKARD___115KV_DUPONT_184 80571	58.68 -3.93 -1.16	49.34 -3.09 -1.73	46.72 -2.99 -1.52	46.87 -3.44 -1.14	50.95 -5.07 -0.28	50.89 -4.93 -0.41	50.77 -5.84 -0.49	51.69 -7.59 0.00	53.53 -7.79 0.00	54.18 -6.90 0.00	51.40 -5.33 0.00	51.70 -4.43 0.00	54.88 -3.94 0.00	57.84 -4.96 0.00	59.83 -5.13 0.00	63.97 -5.56 0.00	72.33 -4.86 0.00	80.96 -5.44 0.00	76.13 -4.77 0.00	72.41 -4.62 0.00	68.93 -4.87 0.00	57.20 -5.73 0.00	52.93 -4.54 0.00	50.29 -4.02 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	72.67 3.99 -7.22	64.64 3.14 -10.80	60.98 3.28 -9.52	59.55 3.29 -7.09	60.58 3.07 -1.77	60.75 2.77 -2.57	62.30 3.14 -3.03	62.42 3.14 0.00	64.81 3.50 0.00	64.69 3.60 0.00	61.16 4.42 0.00	60.91 4.77 0.00	63.65 4.82 -0.01	67.71 4.90 -0.01	70.04 5.07 -0.01	74.83 5.28 -0.01	82.68 5.48 -0.01	93.41 7.00 -0.01	86.89 5.99 -0.01	80.95 3.93 0.01	77.48 3.69 0.01	66.59 3.65 -0.01	61.33 3.85 -0.01	58.22 3.91 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	73.84 5.16 -7.22	65.60 4.11 -10.80	61.89 4.19 -9.52	60.49 4.23 -7.09	61.64 4.12 -1.77	61.70 3.71 -2.57	63.19 4.04 -3.03	63.25 3.97 0.00	65.61 4.29 0.00	65.48 4.40 0.00	61.84 5.11 0.00	61.58 5.45 0.00	64.30 5.47 -0.01	68.40 5.59 -0.01	70.82 5.85 -0.01	75.59 6.05 -0.01	83.61 6.41 -0.01	94.53 8.12 -0.01	87.94 7.04 -0.01	82.03 5.01 0.01	78.44 4.65 0.01	67.41 4.47 -0.01	62.13 4.66 -0.01	58.92 4.62 0.00
PATROON___115KV_TB1 80586	86.00 2.70 -21.84	85.75 2.38 -32.67	79.23 2.26 -28.78	72.96 2.36 -21.43	63.70 2.62 -5.35	65.73 2.55 -7.77	67.80 2.53 -9.16	61.59 2.31 0.00	63.46 2.15 0.00	63.10 2.02 0.00	58.21 1.47 0.00	57.48 1.35 0.00	60.17 1.35 0.00	64.12 1.32 0.00	66.39 1.43 0.00	71.20 1.67 0.00	78.73 1.54 0.00	88.39 1.99 0.00	82.60 1.70 0.00	78.18 1.16 0.00	75.20 1.40 0.00	64.38 1.45 0.00	58.68 1.21 0.00	55.77 1.47 0.00
PATTRSNVILLE___SOLAR 323815	95.85 3.01 -31.39	100.08 2.43 -46.95	91.86 2.31 -41.37	82.33 2.36 -30.79	66.04 2.62 -7.69	69.18 2.60 -11.16	71.86 2.58 -13.16	61.40 2.13 0.00	63.28 1.96 0.00	62.67 1.59 0.00	57.92 1.19 0.00	57.20 1.06 0.00	59.88 1.06 0.00	63.99 1.19 0.00	66.26 1.30 0.00	71.06 1.53 0.00	78.97 1.78 0.00	89.17 2.76 0.00	83.81 2.91 0.00	79.88 2.85 0.00	76.76 2.96 0.00	65.45 2.52 0.00	59.65 2.18 0.00	56.21 1.90 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	59.56 -3.20 -1.30	50.06 -2.59 -1.95	47.34 -2.55 -1.72	47.50 -2.95 -1.28	51.71 -4.35 -0.32	51.66 -4.21 -0.46	52.40 -4.27 -0.55	53.64 -5.63 0.00	55.62 -5.70 0.00	56.26 -4.83 0.00	53.44 -3.29 0.00	53.61 -2.53 0.00	56.94 -1.88 0.00	60.42 -2.39 0.00	62.49 -2.47 0.00	67.03 -2.50 0.00	75.88 -1.31 0.00	84.85 -1.56 0.00	79.93 -0.97 0.00	75.87 -1.16 0.00	72.03 -1.77 0.00	59.66 -3.27 0.00	54.88 -2.59 0.00	51.97 -2.34 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	73.43 4.61 -7.37	65.27 3.55 -11.03	61.37 3.47 -9.72	59.80 3.39 -7.23	61.11 3.57 -1.81	61.47 3.44 -2.62	62.86 3.65 -3.09	62.83 3.56 0.00	65.24 3.92 0.00	65.12 4.03 0.00	60.59 3.86 0.00	60.07 3.93 0.00	63.00 4.18 0.00	67.45 4.65 0.00	69.96 5.00 0.00	75.03 5.49 0.00	83.06 5.87 0.00	93.83 7.43 0.00	87.53 6.63 0.00	81.73 4.70 0.00	78.45 4.65 0.00	67.02 4.09 0.00	61.15 3.68 0.00	57.67 3.37 0.00
PEEKSKILL___ 23653	72.48 3.87 -7.15	64.38 2.99 -10.70	60.50 2.89 -9.42	59.04 2.85 -7.02	60.38 2.90 -1.75	60.72 2.77 -2.54	62.15 3.03 -3.00	62.24 2.96 0.00	64.63 3.31 0.00	64.56 3.48 0.00	60.08 3.35 0.00	59.78 3.65 0.00	62.64 3.82 0.00	67.08 4.27 0.00	69.57 4.61 0.00	74.40 4.87 0.00	82.44 5.25 0.00	93.06 6.65 0.00	86.56 5.66 0.00	81.03 4.00 0.00	77.56 3.76 0.00	66.20 3.27 0.00	60.57 3.10 0.00	57.07 2.77 0.00
PGE MADISON___WINDPWR 24146	68.84 4.12 -3.27	59.03 3.45 -4.89	55.62 3.13 -4.30	55.38 3.00 -3.20	59.54 3.01 -0.80	59.90 3.32 -1.16	61.19 3.70 -1.37	62.71 3.44 0.00	64.63 3.31 0.00	64.14 3.05 0.00	59.68 2.95 0.00	58.94 2.81 0.00	61.53 2.71 0.00	65.38 2.58 0.00	67.56 2.60 0.00	72.59 3.06 0.00	82.20 5.01 0.00	92.71 6.30 0.00	87.37 6.47 0.00	84.04 7.01 0.00	80.52 6.72 0.00	68.22 5.29 0.00	61.84 4.37 0.00	58.43 4.13 0.00

PIERCEFIELD___HYD 23852	60.96 -0.49 0.00	50.29 -0.41 0.00	47.70 -0.48 0.00	48.78 -0.39 0.00	55.90 0.17 0.00	55.63 0.22 0.00	56.51 0.39 0.00	60.28 1.01 0.00	62.18 0.86 0.00	61.76 0.67 0.00	57.24 0.51 0.00	56.59 0.45 0.00	58.94 0.12 0.00	62.43 -0.38 0.00	64.11 -0.84 0.00	68.00 -1.53 0.00	75.41 -1.78 0.00	84.16 -2.25 0.00	78.79 -2.10 0.00	76.18 -0.85 0.00	73.58 -0.22 0.00	63.31 0.38 0.00	58.27 0.80 0.00	55.12 0.81 0.00
PINELAWN_CC_1 323563	103.46 6.20 -35.81	79.58 4.97 -23.91	68.37 4.67 -15.51	60.83 4.57 -7.09	62.19 4.68 -1.78	62.58 4.60 -2.58	64.03 4.88 -3.03	64.26 4.98 -0.01	66.85 5.52 -0.01	66.77 5.68 -0.01	61.90 5.16 -0.01	64.17 5.50 -2.53	75.78 5.77 -11.19	77.41 6.34 -8.27	78.70 6.76 -6.99	80.56 7.16 -3.86	86.79 7.34 -2.26	114.28 9.15 -18.73	109.59 8.17 -20.53	95.46 6.16 -12.27	80.09 6.27 -0.02	77.90 5.47 -9.50	62.82 5.35 -0.01	58.81 4.50 0.00
PJM_GEN_HTTP_PROXY 323702	72.97 4.30 -7.22	64.83 3.35 -10.79	60.97 3.28 -9.51	59.44 3.19 -7.08	60.73 3.23 -1.77	61.02 3.05 -2.57	59.52 3.37 -0.03	65.70 3.44 -2.99	65.25 3.93 0.00	65.24 4.16 0.00	60.76 4.03 0.00	60.63 4.49 0.00	62.58 4.71 0.95	68.91 5.15 -0.95	70.48 5.52 0.00	75.24 5.70 0.00	83.29 6.10 0.00	94.09 7.69 0.00	87.29 6.39 0.00	81.50 4.47 0.00	77.93 4.13 0.00	66.70 3.78 0.00	62.21 3.68 -1.05	56.62 3.37 1.05
PJM_GEN_KEystone 24065	66.13 0.18 -4.49	53.69 0.10 -2.89	47.30 0.10 0.98	42.94 -0.10 6.13	43.69 -0.67 11.38	50.71 -0.72 3.98	54.04 -0.56 1.52	58.68 -1.25 -0.65	59.64 -1.10 0.58	60.41 -0.67 0.00	56.84 0.11 0.00	56.53 0.40 0.00	58.47 0.71 1.06	64.74 0.88 -1.06	65.93 0.98 0.00	70.58 1.04 0.00	78.97 1.78 0.00	88.74 2.33 0.00	82.92 2.02 0.00	78.26 1.23 0.00	74.54 0.74 0.00	63.05 0.13 0.00	58.75 0.23 -1.05	53.58 0.33 1.05
PJM_GEN_NEPTUNE_PROXY 323594	102.35 5.10 -35.81	78.67 4.06 -23.91	67.55 3.86 -15.51	60.10 3.84 -7.09	61.47 3.96 -1.78	61.75 3.77 -2.57	60.21 4.04 -0.04	66.36 4.09 -3.00	65.86 4.54 -0.01	65.80 4.70 -0.01	61.11 4.37 -0.01	63.32 4.66 -2.53	73.94 4.88 -10.24	77.30 5.28 -9.22	77.60 5.65 -6.99	79.30 5.91 -3.86	83.45 6.25 -0.01	94.96 7.86 -0.69	88.28 6.80 -0.58	82.77 5.00 -0.74	78.61 4.79 -0.02	76.71 4.28 -9.50	62.84 4.31 -1.06	57.00 3.74 1.05
PJM_GEN_VFT_PROXY 323633	72.60 3.94 -7.22	64.48 2.99 -10.79	60.62 2.94 -9.50	56.25 2.85 -4.23	56.26 2.84 2.31	56.20 2.60 1.82	53.20 2.97 5.89	61.28 3.08 1.07	59.44 3.49 5.37	64.80 3.73 0.02	60.36 3.63 0.01	60.29 4.15 0.00	62.16 4.29 0.95	68.53 4.77 -0.95	70.09 5.13 0.00	74.82 5.28 0.00	82.82 5.63 0.00	93.57 7.17 0.00	86.80 5.90 0.00	80.86 3.85 0.02	77.40 3.62 0.02	66.26 3.33 0.00	61.91 3.39 -1.05	56.45 3.20 1.05
PLATSBURG_115KV_PMLD1 355749	60.41 -1.04 0.00	49.89 -0.81 0.00	47.46 -0.72 0.00	48.63 -0.54 0.00	55.63 -0.11 0.00	55.41 0.00 0.00	56.46 0.34 0.00	60.28 1.01 0.00	62.36 1.04 0.00	61.39 0.31 0.00	56.79 0.06 0.00	56.19 0.06 0.00	58.88 0.06 0.00	62.80 0.00 0.00	64.76 -0.19 0.00	69.19 -0.35 0.00	76.57 -0.62 0.00	85.45 -0.95 0.00	80.01 -0.89 0.00	77.03 0.00 0.00	73.87 0.07 0.00	63.50 0.57 0.00	58.50 1.03 0.00	55.34 1.03 0.00
PLEASANTVLY___LBMP 24000	72.54 3.50 -7.59	64.78 2.74 -11.34	60.83 2.65 -10.00	59.27 2.66 -7.44	60.38 2.79 -1.86	60.77 2.66 -2.70	62.16 2.86 -3.18	61.94 2.67 0.00	64.32 3.00 0.00	64.14 3.05 0.00	59.62 2.89 0.00	59.06 2.92 0.00	61.88 3.06 0.00	66.26 3.45 0.00	68.66 3.70 0.00	73.50 3.96 0.00	81.44 4.25 0.00	91.85 5.44 0.00	85.67 4.77 0.00	80.26 3.24 0.00	76.90 3.10 0.00	65.82 2.89 0.00	60.11 2.64 0.00	56.75 2.44 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	72.78 3.99 -7.34	64.76 3.09 -10.97	60.84 2.99 -9.67	59.37 3.00 -7.20	60.60 3.07 -1.80	60.96 2.94 -2.61	62.40 3.20 -3.08	62.36 3.08 0.00	64.75 3.43 0.00	64.63 3.54 0.00	60.19 3.46 0.00	59.67 3.54 0.00	62.58 3.76 0.00	67.01 4.21 0.00	69.44 4.48 0.00	74.33 4.80 0.00	82.36 5.17 0.00	92.88 6.48 0.00	86.56 5.66 0.00	80.96 3.93 0.00	77.57 3.76 0.00	66.39 3.46 0.00	60.63 3.16 0.00	57.24 2.93 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	72.78 3.99 -7.34	64.76 3.09 -10.97	60.84 2.99 -9.67	59.37 3.00 -7.20	60.60 3.07 -1.80	60.96 2.94 -2.61	62.40 3.20 -3.08	62.36 3.08 0.00	64.75 3.43 0.00	64.63 3.54 0.00	60.19 3.46 0.00	59.67 3.54 0.00	62.58 3.76 0.00	67.01 4.21 0.00	69.44 4.48 0.00	74.33 4.80 0.00	82.36 5.17 0.00	92.88 6.48 0.00	86.56 5.66 0.00	80.96 3.93 0.00	77.57 3.76 0.00	66.39 3.46 0.00	60.63 3.16 0.00	57.24 2.93 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	73.31 4.42 -7.44	65.22 3.40 -11.12	61.26 3.28 -9.80	59.71 3.25 -7.30	60.96 3.40 -1.82	61.32 3.27 -2.65	62.72 3.48 -3.12	62.65 3.38 0.00	65.00 3.68 0.00	64.81 3.73 0.00	60.25 3.52 0.00	59.62 3.48 0.00	62.53 3.71 0.00	67.01 4.21 0.00	69.51 4.55 0.00	74.47 4.94 0.00	82.59 5.40 0.00	93.23 6.83 0.00	86.97 6.07 0.00	81.50 4.47 0.00	78.08 4.28 0.00	66.77 3.84 0.00	60.92 3.45 0.00	57.40 3.10 0.00
POLETTI_____ 23519	72.97 4.30 -7.22	64.84 3.35 -10.79	60.92 3.23 -9.51	59.40 3.15 -7.08	60.62 3.12 -1.77	60.91 2.94 -2.57	62.40 3.26 -3.02	62.65 3.38 0.00	65.10 3.80 0.02	65.10 4.03 0.02	60.82 4.08 0.00	60.57 4.43 0.00	63.41 4.59 0.00	67.89 5.09 0.00	70.35 5.39 0.00	75.10 5.56 0.00	83.06 5.87 0.00	93.83 7.43 0.00	87.29 6.39 0.00	81.25 4.24 0.02	77.77 3.99 0.02	66.77 3.84 0.00	61.15 3.68 0.00	57.78 3.48 0.00
POMONA___ESR 323819	72.20 3.75 -7.00	64.05 2.89 -10.47	60.20 2.79 -9.22	58.79 2.75 -6.86	60.24 2.79 -1.71	60.56 2.66 -2.49	61.97 2.92 -2.93	62.12 2.85 0.00	64.50 3.19 0.00	64.50 3.42 0.00	60.02 3.29 0.00	59.73 3.60 0.00	62.59 3.77 0.00	67.08 4.27 0.00	69.64 4.68 0.00	74.47 4.94 0.00	82.51 5.32 0.00	93.15 6.74 0.00	86.64 5.74 0.00	81.11 4.08 0.00	77.64 3.84 0.00	66.20 3.27 0.00	60.51 3.04 0.00	57.13 2.82 0.00
PORT_JEFF_3 23555	103.53 6.27 -35.81	79.73 5.12 -23.91	68.47 4.77 -15.51	60.83 4.57 -7.09	62.19 4.68 -1.78	62.58 4.60 -2.57	64.03 4.88 -3.03	64.32 5.04 -0.01	66.96 5.64 -0.01	66.90 5.81 -0.01	61.85 5.11 -0.01	64.17 5.50 -2.53	75.83 5.82 -11.19	77.48 6.41 -8.27	78.77 6.82 -6.99	80.71 7.30 -3.88	87.57 7.10 -3.28	108.28 8.56 -13.32	115.79 7.60 -27.29	90.51 5.85 -7.63	80.25 6.42 -0.03	77.96 5.54 -9.50	62.82 5.35 -0.01	58.70 4.40 0.00
PORT_JEFF_4 23616	103.53 6.27 -35.81	79.73 5.12 -23.91	68.47 4.77 -15.51	60.83 4.57 -7.09	62.19 4.68 -1.78	62.58 4.60 -2.57	64.03 4.88 -3.03	64.32 5.04 -0.01	66.96 5.64 -0.01	66.90 5.81 -0.01	61.85 5.11 -0.01	64.17 5.50 -2.53	75.83 5.82 -11.19	77.48 6.41 -8.27	78.77 6.82 -6.99	80.71 7.30 -3.88	87.57 7.10 -3.28	108.28 8.56 -13.32	115.79 7.60 -27.29	90.51 5.85 -7.63	80.25 6.42 -0.03	77.96 5.54 -9.50	62.82 5.35 -0.01	58.70 4.40 0.00

PORT_JEFF_IC 23713	103.71 6.45 -35.81	79.83 5.22 -23.91	68.56 4.87 -15.51	60.92 4.67 -7.08	62.24 4.74 -1.77	62.69 4.71 -2.57	64.14 4.99 -3.02	64.37 5.10 0.00	67.08 5.76 0.00	67.01 5.93 0.00	62.18 5.45 0.00	64.33 5.67 -2.53	76.01 6.00 -11.19	77.73 6.66 -8.27	79.03 7.08 -6.99	80.93 7.51 -3.89	88.82 7.33 -4.29	108.37 8.29 -13.67	124.83 8.09 -35.84	90.97 6.09 -7.85	80.48 6.64 -0.04	78.28 5.85 -9.50	62.99 5.52 0.00	58.81 4.51 0.00
PPL PILGRIM_ST_GT1 24216	104.08 6.82 -35.81	80.14 5.53 -23.91	68.90 5.21 -15.51	61.33 5.07 -7.09	62.75 5.24 -1.78	63.14 5.15 -2.57	64.60 5.44 -3.03	64.85 5.57 -0.01	67.52 6.19 -0.01	67.45 6.35 -0.01	62.41 5.67 -0.01	64.67 6.01 -2.53	76.30 6.30 -11.19	77.92 6.85 -8.27	79.22 7.27 -6.99	81.12 7.72 -3.86	101.53 7.41 -16.93	190.96 9.25 -95.30	214.49 8.17 -125.42	126.80 6.24 -43.54	80.75 6.94 -0.02	78.47 6.04 -9.50	63.34 5.86 -0.01	59.25 4.94 0.00
PPL PILGRIM_ST_GT2 24217	104.08 6.82 -35.81	80.14 5.53 -23.91	68.90 5.21 -15.51	61.33 5.07 -7.09	62.75 5.24 -1.78	63.14 5.15 -2.57	64.60 5.44 -3.03	64.85 5.57 -0.01	67.52 6.19 -0.01	67.45 6.35 -0.01	62.41 5.67 -0.01	64.67 6.01 -2.53	76.30 6.30 -11.19	77.92 6.85 -8.27	79.22 7.27 -6.99	81.12 7.72 -3.86	101.53 7.41 -16.93	190.96 9.25 -95.30	214.49 8.17 -125.42	126.80 6.24 -43.54	80.75 6.94 -0.02	78.47 6.04 -9.50	63.34 5.86 -0.01	59.25 4.94 0.00
PPL_SHRM_GT3 24213	103.22 5.96 -35.81	79.43 4.82 -23.91	68.18 4.48 -15.51	60.49 4.23 -7.09	61.75 4.23 -1.78	62.19 4.21 -2.57	63.59 4.43 -3.03	63.85 4.56 -0.01	66.53 5.21 -0.01	66.47 5.38 -0.01	61.44 4.71 -0.01	63.83 5.16 -2.53	75.48 5.47 -11.19	77.23 6.16 -8.27	78.58 6.63 -6.99	80.51 7.10 -3.88	87.93 7.10 -3.64	109.66 8.99 -14.27	119.11 8.09 -30.12	91.27 6.16 -8.08	80.25 6.42 -0.03	77.90 5.47 -9.50	62.59 5.11 -0.01	58.43 4.13 0.00
PPL_SHRM_GT4 24214	103.22 5.96 -35.81	79.43 4.82 -23.91	68.18 4.48 -15.51	60.49 4.23 -7.09	61.75 4.23 -1.78	62.19 4.21 -2.57	63.59 4.43 -3.03	63.85 4.56 -0.01	66.53 5.21 -0.01	66.47 5.38 -0.01	61.44 4.71 -0.01	63.83 5.16 -2.53	75.48 5.47 -11.19	77.23 6.16 -8.27	78.58 6.63 -6.99	80.51 7.10 -3.88	87.93 7.10 -3.64	109.66 8.99 -14.27	119.11 8.09 -30.12	91.27 6.16 -8.08	80.25 6.42 -0.03	77.90 5.47 -9.50	62.59 5.11 -0.01	58.43 4.13 0.00
PROJECT___ORANGE 1 24174	60.65 -0.80 0.00	50.04 -0.66 0.00	47.51 -0.67 0.00	48.34 -0.84 0.00	54.57 -1.17 0.00	54.25 -1.16 0.00	55.06 -1.07 0.00	57.91 -1.36 0.00	59.91 -1.41 0.00	59.86 -1.22 0.00	55.77 -0.96 0.00	55.29 -0.84 0.00	58.00 -0.82 0.00	61.86 -0.94 0.00	63.98 -0.97 0.00	68.49 -1.04 0.00	76.42 -0.77 0.00	85.71 -0.69 0.00	80.41 -0.49 0.00	76.41 -0.62 0.00	73.14 -0.66 0.00	62.05 -0.88 0.00	56.67 -0.80 0.00	53.44 -0.87 0.00
PROJECT___ORANGE 2 24166	60.65 -0.80 0.00	50.04 -0.66 0.00	47.51 -0.67 0.00	48.34 -0.84 0.00	54.57 -1.17 0.00	54.25 -1.16 0.00	55.06 -1.07 0.00	57.91 -1.36 0.00	59.91 -1.41 0.00	59.86 -1.22 0.00	55.77 -0.96 0.00	55.29 -0.84 0.00	58.00 -0.82 0.00	61.86 -0.94 0.00	63.98 -0.97 0.00	68.49 -1.04 0.00	76.42 -0.77 0.00	85.71 -0.69 0.00	80.41 -0.49 0.00	76.41 -0.62 0.00	73.14 -0.66 0.00	62.05 -0.88 0.00	56.67 -0.80 0.00	53.44 -0.87 0.00
PUCKETT___SOLAR 323809	65.55 1.04 -3.06	56.08 0.81 -4.58	52.94 0.72 -4.03	52.81 0.64 -3.00	56.93 0.44 -0.75	57.00 0.50 -1.09	58.02 0.62 -1.28	59.39 0.12 0.00	61.32 0.00 0.00	61.15 0.06 0.00	57.07 0.34 0.00	56.42 0.28 0.00	59.18 0.36 0.00	63.12 0.32 0.00	65.29 0.33 0.00	69.95 0.42 0.00	78.50 1.31 0.00	88.30 1.90 0.00	83.08 2.19 0.00	79.34 2.31 0.00	75.79 1.99 0.00	64.25 1.32 0.00	58.51 1.04 0.00	55.28 0.98 0.00
PYRITES___HYD 24023	62.13 0.68 0.00	51.26 0.56 0.00	48.62 0.43 0.00	49.66 0.49 0.00	56.80 1.06 0.00	56.52 1.11 0.00	57.36 1.23 0.00	61.11 1.84 0.00	62.85 1.53 0.00	62.31 1.22 0.00	57.64 0.91 0.00	56.98 0.84 0.00	59.41 0.59 0.00	62.93 0.13 0.00	64.76 -0.19 0.00	68.77 -0.76 0.00	76.42 -0.77 0.00	85.37 -1.04 0.00	80.17 -0.73 0.00	77.88 0.85 0.00	75.13 1.33 0.00	64.56 1.64 0.00	59.19 1.72 0.00	55.94 1.63 0.00
QUAKERRD_115KV_BK1 80622	58.93 -2.52 0.00	48.62 -2.08 0.00	46.16 -2.02 0.00	46.81 -2.36 0.00	52.45 -3.29 0.00	52.25 -3.16 0.00	52.92 -3.20 0.00	55.36 -3.91 0.00	57.33 -3.99 0.00	57.54 -3.54 0.00	53.89 -2.84 0.00	53.72 -2.41 0.00	56.64 -2.18 0.00	60.10 -2.70 0.00	62.10 -2.86 0.00	66.47 -3.06 0.00	74.72 -2.47 0.00	83.90 -2.51 0.00	78.63 -2.27 0.00	74.95 -2.08 0.00	71.51 -2.29 0.00	60.10 -2.83 0.00	55.11 -2.36 0.00	52.03 -2.28 0.00
QUENSBRY_115KV_TB8 356137	95.49 3.99 -30.05	98.77 3.14 -44.93	90.71 2.94 -39.59	81.54 2.90 -29.47	66.33 3.23 -7.36	69.36 3.27 -10.68	71.97 3.26 -12.59	62.30 3.02 0.00	64.38 3.07 0.00	63.71 2.63 0.00	58.43 1.70 0.00	57.60 1.46 0.00	60.17 1.35 0.00	64.25 1.44 0.00	66.45 1.49 0.00	71.55 2.02 0.00	79.58 2.39 0.00	89.86 3.46 0.00	84.86 3.96 0.00	80.80 3.77 0.00	77.86 4.06 0.00	66.26 3.34 0.00	60.29 2.82 0.00	56.75 2.44 0.00
RAMAPO___LBMP 323565	71.84 3.44 -6.95	63.72 2.64 -10.39	59.89 2.55 -9.15	58.54 2.56 -6.81	60.00 2.56 -1.70	60.32 2.44 -2.47	61.73 2.69 -2.91	61.88 2.61 0.00	64.26 2.94 0.00	64.20 3.12 0.00	59.85 3.12 0.00	59.39 3.26 0.00	62.23 3.41 0.00	66.76 3.96 0.00	69.25 4.29 0.00	74.05 4.52 0.00	82.05 4.86 0.00	92.63 6.22 0.00	86.24 5.34 0.00	80.65 3.62 0.00	77.27 3.47 0.00	66.01 3.08 0.00	60.29 2.82 0.00	56.86 2.55 0.00
RANKINE____ 23646	59.83 -2.89 -1.27	50.27 -2.33 -1.90	47.54 -2.31 -1.67	47.71 -2.70 -1.25	51.92 -4.12 -0.31	51.87 -3.99 -0.45	52.56 -4.10 -0.53	53.76 -5.51 0.00	55.68 -5.64 0.00	56.32 -4.76 0.00	53.44 -3.29 0.00	53.67 -2.47 0.00	56.94 -1.88 0.00	60.29 -2.51 0.00	62.36 -2.60 0.00	66.75 -2.78 0.00	75.57 -1.62 0.00	84.59 -1.81 0.00	79.68 -1.21 0.00	75.64 -1.39 0.00	71.96 -1.85 0.00	59.66 -3.27 0.00	55.00 -2.47 0.00	52.13 -2.17 0.00
RAVENSWOOD_GT2_1 24244	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.74 3.23 -1.77	61.02 3.05 -2.57	62.51 3.37 -3.02	62.71 3.44 0.00	65.18 3.86 0.00	65.18 4.09 0.00	60.93 4.20 0.00	60.63 4.49 0.00	63.47 4.65 0.00	67.89 5.09 0.00	70.42 5.46 0.00	75.17 5.63 0.00	83.13 5.94 0.00	93.92 7.52 0.00	87.29 6.39 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.84 3.53 0.00
RAVENSWOOD_GT2_2 24245	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.74 3.23 -1.77	61.02 3.05 -2.57	62.51 3.37 -3.02	62.71 3.44 0.00	65.18 3.86 0.00	65.18 4.09 0.00	60.93 4.20 0.00	60.63 4.49 0.00	63.47 4.65 0.00	67.89 5.09 0.00	70.42 5.46 0.00	75.17 5.63 0.00	83.13 5.94 0.00	93.92 7.52 0.00	87.29 6.39 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.84 3.53 0.00

RAVENSWOOD_GT2_3 24246	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.79 3.29 -1.77	61.02 3.05 -2.57	62.57 3.42 -3.02	62.77 3.50 0.00	65.24 3.92 0.00	65.24 4.15 0.00	60.93 4.20 0.00	60.63 4.49 0.00	63.53 4.71 0.00	67.95 5.15 0.00	70.48 5.52 0.00	75.17 5.63 0.00	83.13 5.94 0.00	94.01 7.60 0.00	87.37 6.47 0.00	81.42 4.39 0.00	77.93 4.13 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.89 3.58 0.00
RAVENSWOOD_GT2_4 24247	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.79 3.29 -1.77	61.02 3.05 -2.57	62.57 3.42 -3.02	62.77 3.50 0.00	65.24 3.92 0.00	65.24 4.15 0.00	60.93 4.20 0.00	60.63 4.49 0.00	63.53 4.71 0.00	67.95 5.15 0.00	70.48 5.52 0.00	75.17 5.63 0.00	83.13 5.94 0.00	94.01 7.60 0.00	87.37 6.47 0.00	81.42 4.39 0.00	77.93 4.13 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.89 3.58 0.00
RAVENSWOOD_GT3_1 24248	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.74 3.23 -1.77	61.02 3.05 -2.57	62.51 3.37 -3.02	62.71 3.44 0.00	65.18 3.86 0.00	65.18 4.09 0.00	60.93 4.20 0.00	60.63 4.49 0.00	63.47 4.65 0.00	67.95 5.15 0.00	70.42 5.46 0.00	75.17 5.63 0.00	83.13 5.94 0.00	93.92 7.52 0.00	87.29 6.39 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.84 3.53 0.00
RAVENSWOOD_GT3_2 24249	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.74 3.23 -1.77	61.02 3.05 -2.57	62.51 3.37 -3.02	62.71 3.44 0.00	65.18 3.86 0.00	65.18 4.09 0.00	60.93 4.20 0.00	60.63 4.49 0.00	63.47 4.65 0.00	67.95 5.15 0.00	70.42 5.46 0.00	75.17 5.63 0.00	83.13 5.94 0.00	93.92 7.52 0.00	87.29 6.39 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.84 3.53 0.00
RAVENSWOOD_GT3_3 24250	73.15 4.49 -7.22	64.99 3.50 -10.79	61.11 3.42 -9.51	59.59 3.34 -7.08	60.85 3.34 -1.77	61.08 3.10 -2.57	62.63 3.48 -3.02	62.83 3.56 0.00	65.30 3.99 0.00	65.30 4.21 0.00	61.04 4.31 0.00	60.74 4.60 0.00	63.64 4.82 0.00	68.08 5.28 0.00	70.55 5.59 0.00	75.30 5.77 0.00	83.29 6.10 0.00	94.09 7.69 0.00	87.45 6.55 0.00	81.50 4.47 0.00	78.08 4.28 0.00	67.02 4.09 0.00	61.38 3.91 0.00	57.94 3.64 0.00
RAVENSWOOD_GT3_4 24251	73.15 4.49 -7.22	64.99 3.50 -10.79	61.11 3.42 -9.51	59.59 3.34 -7.08	60.85 3.34 -1.77	61.08 3.10 -2.57	62.63 3.48 -3.02	62.83 3.56 0.00	65.30 3.99 0.00	65.30 4.21 0.00	61.04 4.31 0.00	60.74 4.60 0.00	63.64 4.82 0.00	68.08 5.28 0.00	70.55 5.59 0.00	75.30 5.77 0.00	83.29 6.10 0.00	94.09 7.69 0.00	87.45 6.55 0.00	81.50 4.47 0.00	78.08 4.28 0.00	67.02 4.09 0.00	61.38 3.91 0.00	57.94 3.64 0.00
RAVENSWOOD_GT_1 23729	71.32 4.06 -5.81	64.63 3.14 -10.79	60.92 3.23 -9.51	59.50 3.25 -7.08	60.57 3.07 -1.77	60.75 2.77 -2.57	62.29 3.14 -3.02	62.48 3.20 0.00	64.87 3.56 0.00	64.87 3.79 0.00	61.16 4.42 0.00	60.91 4.77 0.00	63.64 4.82 0.00	67.70 4.90 0.00	70.09 5.13 0.00	73.59 5.28 1.22	81.13 5.48 1.54	91.93 7.09 1.56	84.98 5.99 1.90	71.04 3.93 9.92	69.62 3.69 7.87	66.58 3.65 0.00	61.26 3.79 0.00	58.16 3.86 0.00
RAVENSWOOD_GT_10 24258	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.79 3.29 -1.77	61.02 3.05 -2.57	62.51 3.37 -3.02	62.71 3.44 0.00	65.24 3.92 0.00	65.18 4.09 0.00	60.93 4.20 0.00	60.63 4.49 0.00	63.47 4.65 0.00	67.95 5.15 0.00	70.42 5.46 0.00	75.17 5.63 0.00	83.13 5.94 0.00	93.92 7.52 0.00	87.29 6.39 0.00	81.34 4.31 0.00	77.93 4.13 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.84 3.53 0.00
RAVENSWOOD_GT_11 24259	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.79 3.29 -1.77	61.02 3.05 -2.57	62.51 3.37 -3.02	62.71 3.44 0.00	65.24 3.92 0.00	65.18 4.09 0.00	60.93 4.20 0.00	60.63 4.49 0.00	63.47 4.65 0.00	67.95 5.15 0.00	70.42 5.46 0.00	75.17 5.63 0.00	83.13 5.94 0.00	93.92 7.52 0.00	87.29 6.39 0.00	81.34 4.31 0.00	77.93 4.13 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.84 3.53 0.00
RAVENSWOOD_GT_4 24252	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.74 3.23 -1.77	61.02 3.05 -2.57	62.51 3.37 -3.02	62.71 3.44 0.00	65.18 3.86 0.00	65.18 4.09 0.00	60.93 4.20 0.00	60.63 4.49 0.00	63.47 4.65 0.00	67.95 5.15 0.00	70.42 5.46 0.00	75.17 5.63 0.00	83.13 5.94 0.00	93.92 7.52 0.00	87.29 6.39 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.84 3.53 0.00
RAVENSWOOD_GT_5 24254	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.74 3.23 -1.77	61.02 3.05 -2.57	62.51 3.37 -3.02	62.71 3.44 0.00	65.18 3.86 0.00	65.18 4.09 0.00	60.93 4.20 0.00	60.63 4.49 0.00	63.47 4.65 0.00	67.95 5.15 0.00	70.42 5.46 0.00	75.17 5.63 0.00	83.13 5.94 0.00	93.92 7.52 0.00	87.29 6.39 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.84 3.53 0.00
RAVENSWOOD_GT_6 24253	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.74 3.23 -1.77	61.02 3.05 -2.57	62.51 3.37 -3.02	62.71 3.44 0.00	65.18 3.86 0.00	65.18 4.09 0.00	60.93 4.20 0.00	60.63 4.49 0.00	63.47 4.65 0.00	67.95 5.15 0.00	70.42 5.46 0.00	75.17 5.63 0.00	83.13 5.94 0.00	93.92 7.52 0.00	87.29 6.39 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.84 3.53 0.00
RAVENSWOOD_GT_7 24255	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.74 3.23 -1.77	61.02 3.05 -2.57	62.51 3.37 -3.02	62.71 3.44 0.00	65.18 3.86 0.00	65.18 4.09 0.00	60.93 4.20 0.00	60.63 4.49 0.00	63.47 4.65 0.00	67.95 5.15 0.00	70.42 5.46 0.00	75.17 5.63 0.00	83.13 5.94 0.00	93.92 7.52 0.00	87.29 6.39 0.00	81.34 4.31 0.00	77.86 4.06 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.84 3.53 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.79 3.29 -1.77	61.02 3.05 -2.57	62.51 3.37 -3.02	62.71 3.44 0.00	65.24 3.92 0.00	65.18 4.09 0.00	60.93 4.20 0.00	60.63 4.49 0.00	63.47 4.65 0.00	67.95 5.15 0.00	70.42 5.46 0.00	75.17 5.63 0.00	83.13 5.94 0.00	93.92 7.52 0.00	87.29 6.39 0.00	81.34 4.31 0.00	77.93 4.13 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.84 3.53 0.00
RAVENSWOOD_GT_9 24257	73.03 4.36 -7.22	64.89 3.40 -10.79	61.02 3.32 -9.51	59.50 3.25 -7.08	60.79 3.29 -1.77	61.02 3.05 -2.57	62.51 3.37 -3.02	62.71 3.44 0.00	65.24 3.92 0.00	65.18 4.09 0.00	60.93 4.20 0.00	60.63 4.49 0.00	63.47 4.65 0.00	67.95 5.15 0.00	70.42 5.46 0.00	75.17 5.63 0.00	83.13 5.94 0.00	93.92 7.52 0.00	87.29 6.39 0.00	81.34 4.31 0.00	77.93 4.13 0.00	66.89 3.96 0.00	61.26 3.79 0.00	57.84 3.53 0.00

RAVENSWOOD___1 23533	70.92 3.94 -5.53	64.53 3.04 -10.79	60.87 3.18 -9.51	59.44 3.19 -7.08	60.51 3.01 -1.77	60.64 2.66 -2.57	62.23 3.08 -3.02	62.41 3.14 0.00	64.74 3.43 0.01	64.74 3.66 0.01	60.70 3.97 0.00	60.91 4.77 -0.01	63.58 4.76 0.00	67.51 4.71 0.00	69.96 5.00 0.01	73.21 5.15 1.47	80.74 5.40 1.85	91.53 7.00 1.87	84.36 5.74 2.28	68.99 3.85 11.89	67.98 3.62 9.44	66.32 3.40 0.01	61.09 3.62 0.00	58.01 3.69 -0.01
RAVENSWOOD___2 23534	70.35 3.38 -5.53	64.22 2.74 -10.79	60.78 3.09 -9.51	59.30 3.05 -7.08	60.34 2.84 -1.77	60.53 2.55 -2.57	62.06 2.92 -3.02	62.24 2.96 0.00	64.37 3.06 0.01	64.37 3.30 0.01	60.42 3.69 0.00	60.69 4.55 -0.01	63.17 4.35 0.00	67.01 4.21 0.00	69.37 4.42 0.01	72.65 4.59 1.48	80.04 4.71 1.86	90.75 6.22 1.88	83.62 5.02 2.29	68.24 3.16 11.94	67.28 2.96 9.48	65.76 2.83 0.01	60.80 3.33 0.00	57.90 3.58 -0.01
RAVENSWOOD___3 23535	73.03 4.36 -7.22	64.89 3.40 -10.79	61.01 3.32 -9.51	59.49 3.24 -7.08	60.74 3.23 -1.77	61.02 3.05 -2.57	62.51 3.37 -3.02	62.71 3.44 0.00	65.18 3.87 0.00	65.18 4.09 0.00	60.70 3.97 0.00	60.63 4.49 0.00	63.47 4.65 0.00	67.89 5.08 0.00	70.42 5.46 0.00	75.16 5.63 0.00	83.13 5.94 0.00	93.92 7.51 0.00	87.21 6.31 0.00	81.42 4.39 0.00	77.86 4.06 0.00	66.70 3.78 0.00	61.15 3.68 0.00	57.73 3.42 0.00
RAVENSWOOD___4 23820	70.57 3.87 -5.25	64.43 2.94 -10.79	60.82 3.13 -9.51	59.40 3.15 -7.08	60.46 2.95 -1.77	60.58 2.60 -2.57	62.12 2.97 -3.02	62.30 3.02 0.00	64.68 3.37 0.01	64.68 3.60 0.01	60.64 3.91 0.00	60.86 4.72 -0.01	63.52 4.71 0.00	67.45 4.65 0.00	69.89 4.93 0.01	72.89 5.07 1.72	80.35 5.32 2.16	91.13 6.91 2.19	83.89 5.66 2.67	66.91 3.77 13.89	66.32 3.54 11.02	66.25 3.33 0.01	61.03 3.56 0.00	58.01 3.69 -0.01
RCPL_TRUST___DRP 24196	73.09 4.42 -7.22	64.99 3.50 -10.79	61.06 3.37 -9.51	59.54 3.29 -7.08	60.85 3.34 -1.77	61.13 3.16 -2.57	62.68 3.54 -3.02	62.89 3.62 0.00	65.43 4.11 0.00	65.42 4.34 0.00	61.10 4.37 0.00	60.80 4.66 0.00	63.70 4.88 0.00	68.14 5.34 0.00	70.61 5.65 0.00	75.37 5.84 0.00	83.44 6.25 0.00	94.27 7.86 0.00	87.61 6.71 0.00	81.57 4.54 0.00	78.08 4.28 0.00	66.96 4.03 0.00	61.32 3.85 0.00	57.89 3.58 0.00
RED___ROCHESTER 323720	60.35 -1.10 0.00	49.79 -0.91 0.00	47.22 -0.96 0.00	47.85 -1.33 0.00	53.51 -2.23 0.00	53.25 -2.16 0.00	53.93 -2.19 0.00	56.31 -2.96 0.00	58.38 -2.94 0.00	58.64 -2.45 0.00	55.48 -1.25 0.00	55.07 -1.07 0.00	58.12 -0.70 0.00	61.67 -1.13 0.00	63.66 -1.30 0.00	68.14 -1.39 0.00	76.96 -0.23 0.00	86.06 -0.34 0.00	80.82 -0.08 0.00	77.42 0.39 0.00	73.51 -0.29 0.00	62.05 -0.88 0.00	56.67 -0.80 0.00	53.82 -0.49 0.00
REGAN___SOLAR 323812	96.24 5.29 -29.50	99.02 4.21 -44.12	91.01 3.95 -38.87	82.04 3.94 -28.94	67.36 4.40 -7.22	70.39 4.49 -10.49	72.92 4.43 -12.37	63.25 3.97 0.00	64.87 3.56 0.00	64.02 2.93 0.00	59.17 2.44 0.00	58.32 2.19 0.00	61.00 2.18 0.00	65.13 2.33 0.00	67.43 2.47 0.00	72.52 2.99 0.00	80.67 3.48 0.00	91.50 5.10 0.00	86.15 5.26 0.00	82.65 5.62 0.00	79.63 5.83 0.00	67.71 4.78 0.00	61.66 4.19 0.00	57.94 3.64 0.00
RENSSELAER___COGEN 23796	82.37 2.15 -18.77	80.69 1.93 -28.07	74.79 1.88 -24.73	69.55 1.97 -18.41	62.50 2.17 -4.60	64.19 2.11 -6.67	66.12 2.13 -7.87	61.11 1.84 0.00	62.97 1.66 0.00	62.61 1.53 0.00	57.69 0.96 0.00	56.98 0.84 0.00	59.70 0.88 0.00	63.49 0.69 0.00	65.74 0.78 0.00	70.51 0.97 0.00	77.96 0.77 0.00	87.52 1.12 0.00	81.87 0.97 0.00	77.42 0.39 0.00	74.39 0.59 0.00	63.69 0.76 0.00	58.10 0.63 0.00	55.23 0.92 0.00
REPUBLIC_115KV_BARTNBRK 55605	98.01 6.64 -29.92	100.67 5.22 -44.75	92.48 4.87 -39.43	83.34 4.82 -29.35	68.36 5.29 -7.33	71.42 5.37 -10.64	73.94 5.28 -12.54	64.31 5.04 0.00	66.35 5.03 0.00	65.42 4.34 0.00	60.02 3.29 0.00	59.17 3.03 0.00	61.76 2.94 0.00	65.94 3.14 0.00	68.08 3.12 0.00	73.43 3.89 0.00	81.74 4.55 0.00	92.71 6.31 0.00	87.61 6.71 0.00	83.81 6.78 0.00	80.96 7.16 0.00	68.72 5.79 0.00	62.41 4.94 0.00	58.65 4.34 0.00
REVERE_CPPR_DRP 24186	63.97 2.52 0.00	52.68 1.98 0.00	49.97 1.78 0.00	50.84 1.67 0.00	57.46 1.73 0.00	57.29 1.88 0.00	58.14 2.02 0.00	61.23 1.96 0.00	63.40 2.08 0.00	62.98 1.89 0.00	58.49 1.76 0.00	57.82 1.68 0.00	60.35 1.53 0.00	64.25 1.44 0.00	66.32 1.36 0.00	71.06 1.53 0.00	79.66 2.47 0.00	89.51 3.11 0.00	84.05 3.16 0.00	80.42 3.39 0.00	77.20 3.39 0.00	65.63 2.71 0.00	59.65 2.18 0.00	56.32 2.01 0.00
REYNLDPA_13_KV_LD 356490	61.14 -0.31 0.00	50.45 -0.25 0.00	47.94 -0.24 0.00	49.02 -0.15 0.00	55.85 0.11 0.00	55.47 0.06 0.00	56.23 0.11 0.00	59.93 0.65 0.00	61.87 0.55 0.00	61.45 0.37 0.00	57.07 0.34 0.00	56.42 0.28 0.00	59.11 0.29 0.00	63.05 0.25 0.00	65.02 0.06 0.00	69.46 -0.07 0.00	76.96 -0.23 0.00	85.71 -0.69 0.00	80.17 -0.73 0.00	77.18 0.15 0.00	74.02 0.22 0.00	63.24 0.31 0.00	57.87 0.40 0.00	54.79 0.49 0.00
REYNOLDS_115KV_TB3 80639	84.22 2.58 -20.19	83.23 2.33 -30.20	77.05 2.26 -26.61	71.29 2.31 -19.81	63.24 2.56 -4.94	65.14 2.55 -7.18	67.17 2.58 -8.46	61.59 2.31 0.00	63.53 2.21 0.00	63.16 2.08 0.00	58.15 1.42 0.00	57.43 1.29 0.00	60.11 1.29 0.00	64.18 1.38 0.00	66.45 1.49 0.00	71.27 1.74 0.00	78.97 1.78 0.00	88.65 2.25 0.00	82.84 1.94 0.00	78.34 1.31 0.00	75.20 1.40 0.00	64.44 1.51 0.00	58.68 1.21 0.00	55.72 1.41 0.00
RIVERBAY____ 323610	73.84 5.16 -7.22	65.60 4.11 -10.80	61.89 4.19 -9.52	60.49 4.23 -7.09	61.64 4.12 -1.77	61.70 3.71 -2.57	63.19 4.04 -3.03	63.25 3.97 0.00	65.61 4.29 0.00	65.48 4.40 0.00	61.84 5.11 0.00	61.58 5.45 0.00	64.30 5.47 -0.01	68.40 5.59 -0.01	70.82 5.85 -0.01	75.59 6.05 -0.01	83.61 6.41 -0.01	94.53 8.12 -0.01	87.94 7.04 -0.01	82.03 5.01 0.01	78.44 4.65 0.01	67.41 4.47 -0.01	62.13 4.66 -0.01	58.92 4.62 0.00
RIVERSDE_115KV_TB3 55908	84.37 2.52 -20.40	83.48 2.28 -30.50	77.23 2.17 -26.88	71.44 2.26 -20.01	63.24 2.51 -4.99	65.10 2.44 -7.25	67.14 2.47 -8.55	61.47 2.19 0.00	63.40 2.08 0.00	63.04 1.95 0.00	58.09 1.36 0.00	57.31 1.18 0.00	60.06 1.24 0.00	64.00 1.19 0.00	66.26 1.30 0.00	71.06 1.53 0.00	78.66 1.47 0.00	88.30 1.90 0.00	82.52 1.62 0.00	78.11 1.08 0.00	75.06 1.25 0.00	64.31 1.38 0.00	58.56 1.09 0.00	55.66 1.36 0.00
ROARING___BROOK_WT_PWR 323790	60.72 -0.73 0.00	50.14 -0.56 0.00	47.70 -0.48 0.00	48.73 -0.44 0.00	55.35 -0.39 0.00	55.08 -0.33 0.00	55.84 -0.28 0.00	59.16 -0.12 0.00	61.20 -0.12 0.00	61.02 -0.06 0.00	56.67 -0.06 0.00	56.08 -0.06 0.00	58.76 -0.06 0.00	62.74 -0.06 0.00	64.83 -0.13 0.00	69.39 -0.14 0.00	76.96 -0.23 0.00	86.06 -0.34 0.00	80.58 -0.32 0.00	76.88 -0.15 0.00	73.65 -0.15 0.00	62.87 -0.06 0.00	57.41 -0.06 0.00	54.31 0.00 0.00

ROCHESRG_115KV_T4 355643	59.61 -1.84 0.00	49.23 -1.47 0.00	46.69 -1.49 0.00	47.35 -1.82 0.00	52.95 -2.79 0.00	52.75 -2.66 0.00	53.43 -2.69 0.00	55.66 -3.62 0.00	57.64 -3.68 0.00	57.97 -3.12 0.00	54.40 -2.33 0.00	54.34 -1.80 0.00	57.35 -1.47 0.00	60.79 -2.01 0.00	62.88 -2.08 0.00	67.24 -2.29 0.00	75.72 -1.47 0.00	84.94 -1.47 0.00	79.68 -1.21 0.00	75.95 -1.08 0.00	72.47 -1.33 0.00	60.73 -2.20 0.00	55.75 -1.72 0.00	52.73 -1.57 0.00
ROCHESTER_9_IC 23652	59.98 -1.47 0.00	49.53 -1.17 0.00	46.98 -1.20 0.00	47.60 -1.57 0.00	53.23 -2.51 0.00	53.03 -2.38 0.00	53.71 -2.41 0.00	56.01 -3.26 0.00	58.01 -3.31 0.00	58.34 -2.75 0.00	54.80 -1.93 0.00	54.73 -1.40 0.00	57.76 -1.06 0.00	61.23 -1.57 0.00	63.27 -1.69 0.00	67.73 -1.81 0.00	76.26 -0.93 0.00	85.54 -0.86 0.00	80.25 -0.65 0.00	76.49 -0.54 0.00	72.99 -0.81 0.00	61.17 -1.76 0.00	56.09 -1.38 0.00	53.06 -1.25 0.00
ROCKVIEW_13_KV_LD 356306	73.34 4.67 -7.22	65.14 3.65 -10.79	61.21 3.52 -9.51	59.69 3.44 -7.08	61.01 3.51 -1.77	61.30 3.32 -2.57	62.79 3.65 -3.02	62.95 3.67 0.00	65.43 4.11 0.00	65.36 4.28 0.00	60.93 4.20 0.00	60.57 4.43 0.00	63.47 4.65 0.00	67.95 5.15 0.00	70.48 5.52 0.00	75.30 5.77 0.00	83.37 6.18 0.00	94.18 7.78 0.00	87.69 6.80 0.00	81.81 4.78 0.00	78.38 4.58 0.00	67.15 4.22 0.00	61.38 3.91 0.00	57.89 3.58 0.00
ROME____115KV_TB2 80656	63.97 2.52 0.00	52.68 1.98 0.00	49.97 1.78 0.00	50.84 1.67 0.00	57.46 1.73 0.00	57.29 1.88 0.00	58.14 2.02 0.00	61.23 1.96 0.00	63.40 2.08 0.00	62.98 1.89 0.00	58.49 1.76 0.00	57.82 1.68 0.00	60.35 1.53 0.00	64.25 1.44 0.00	66.32 1.36 0.00	71.06 1.53 0.00	79.66 2.47 0.00	89.51 3.11 0.00	84.05 3.16 0.00	80.42 3.39 0.00	77.20 3.39 0.00	65.63 2.71 0.00	59.65 2.18 0.00	56.32 2.01 0.00
ROSETON___1 23587	71.95 3.32 -7.18	64.03 2.58 -10.74	60.15 2.50 -9.47	58.73 2.51 -7.05	60.12 2.62 -1.76	60.46 2.50 -2.56	61.83 2.69 -3.01	61.82 2.55 0.00	64.14 2.82 0.00	63.96 2.87 0.00	59.45 2.72 0.00	59.00 2.86 0.00	61.82 3.00 0.00	66.19 3.39 0.00	68.59 3.64 0.00	73.42 3.89 0.00	81.36 4.17 0.00	91.76 5.36 0.00	85.51 4.61 0.00	80.26 3.23 0.00	76.83 3.03 0.00	65.63 2.70 0.00	59.94 2.47 0.00	56.48 2.17 0.00
ROSETON___2 23588	71.95 3.32 -7.18	64.03 2.58 -10.74	60.15 2.50 -9.47	58.73 2.51 -7.05	60.12 2.62 -1.76	60.46 2.50 -2.56	61.83 2.69 -3.01	61.82 2.55 0.00	64.14 2.82 0.00	63.96 2.87 0.00	59.45 2.72 0.00	59.00 2.86 0.00	61.82 3.00 0.00	66.19 3.39 0.00	68.59 3.64 0.00	73.42 3.89 0.00	81.36 4.17 0.00	91.76 5.36 0.00	85.51 4.61 0.00	80.26 3.23 0.00	76.83 3.03 0.00	65.63 2.70 0.00	59.94 2.47 0.00	56.48 2.17 0.00
ROTRRDAM_115KV_TB3 80664	95.97 2.40 -32.12	100.66 1.93 -48.03	92.38 1.88 -42.32	82.59 1.92 -31.50	65.72 2.12 -7.86	68.94 2.11 -11.42	71.66 2.08 -13.46	61.11 1.84 0.00	63.16 1.84 0.00	62.73 1.65 0.00	58.09 1.36 0.00	57.37 1.23 0.00	60.06 1.24 0.00	64.18 1.38 0.00	66.45 1.49 0.00	71.27 1.74 0.00	79.12 1.93 0.00	89.00 2.59 0.00	83.49 2.59 0.00	79.11 2.08 0.00	75.94 2.14 0.00	64.82 1.89 0.00	59.08 1.61 0.00	55.77 1.47 0.00
RUSSELL___1 23602	60.34 -1.11 0.00	49.79 -0.91 0.00	47.22 -0.96 0.00	47.84 -1.33 0.00	53.51 -2.23 0.00	53.25 -2.16 0.00	53.93 -2.19 0.00	56.31 -2.96 0.00	58.31 -3.00 0.00	58.64 -2.44 0.00	55.09 -1.65 0.00	55.01 -1.12 0.00	58.11 -0.71 0.00	61.61 -1.19 0.00	63.66 -1.30 0.00	68.07 -1.46 0.00	76.80 -0.39 0.00	86.06 -0.35 0.00	80.82 -0.08 0.00	77.03 0.00 0.00	73.51 -0.30 0.00	61.54 -1.38 0.00	56.44 -1.03 0.00	53.33 -0.98 0.00
RUSSELL___2 23532	60.34 -1.11 0.00	49.79 -0.91 0.00	47.22 -0.96 0.00	47.84 -1.33 0.00	53.51 -2.23 0.00	53.25 -2.16 0.00	53.93 -2.19 0.00	56.31 -2.96 0.00	58.31 -3.00 0.00	58.64 -2.44 0.00	55.09 -1.65 0.00	55.01 -1.12 0.00	58.11 -0.71 0.00	61.61 -1.19 0.00	63.66 -1.30 0.00	68.07 -1.46 0.00	76.80 -0.39 0.00	86.06 -0.35 0.00	80.82 -0.08 0.00	77.03 0.00 0.00	73.51 -0.30 0.00	61.54 -1.38 0.00	56.44 -1.03 0.00	53.33 -0.98 0.00
RUSSELL___3 23549	60.34 -1.11 0.00	49.79 -0.91 0.00	47.22 -0.96 0.00	47.84 -1.33 0.00	53.51 -2.23 0.00	53.25 -2.16 0.00	53.93 -2.19 0.00	56.31 -2.96 0.00	58.31 -3.00 0.00	58.64 -2.44 0.00	55.09 -1.65 0.00	55.01 -1.12 0.00	58.11 -0.71 0.00	61.61 -1.19 0.00	63.66 -1.30 0.00	68.07 -1.46 0.00	76.80 -0.39 0.00	86.06 -0.35 0.00	80.82 -0.08 0.00	77.03 0.00 0.00	73.51 -0.30 0.00	61.54 -1.38 0.00	56.44 -1.03 0.00	53.33 -0.98 0.00
RUSSELL___4 23556	60.34 -1.11 0.00	49.79 -0.91 0.00	47.22 -0.96 0.00	47.84 -1.33 0.00	53.51 -2.23 0.00	53.25 -2.16 0.00	53.93 -2.19 0.00	56.31 -2.96 0.00	58.31 -3.00 0.00	58.64 -2.44 0.00	55.09 -1.65 0.00	55.01 -1.12 0.00	58.11 -0.71 0.00	61.61 -1.19 0.00	63.66 -1.30 0.00	68.07 -1.46 0.00	76.80 -0.39 0.00	86.06 -0.35 0.00	80.82 -0.08 0.00	77.03 0.00 0.00	73.51 -0.30 0.00	61.54 -1.38 0.00	56.44 -1.03 0.00	53.33 -0.98 0.00
RUSSELL___STATION 23914	60.34 -1.11 0.00	49.79 -0.91 0.00	47.22 -0.96 0.00	47.84 -1.33 0.00	53.51 -2.23 0.00	53.25 -2.16 0.00	53.93 -2.19 0.00	56.31 -2.96 0.00	58.31 -3.00 0.00	58.64 -2.44 0.00	55.09 -1.65 0.00	55.01 -1.12 0.00	58.11 -0.71 0.00	61.61 -1.19 0.00	63.66 -1.30 0.00	68.07 -1.46 0.00	76.80 -0.39 0.00	86.06 -0.35 0.00	80.82 -0.08 0.00	77.03 0.00 0.00	73.51 -0.30 0.00	61.54 -1.38 0.00	56.44 -1.03 0.00	53.33 -0.98 0.00
S SALMON___HYD 24043	61.21 -0.24 0.00	50.50 -0.20 0.00	47.90 -0.29 0.00	48.73 -0.44 0.00	55.07 -0.67 0.00	54.75 -0.66 0.00	55.45 -0.67 0.00	58.39 -0.89 0.00	60.33 -0.98 0.00	60.23 -0.86 0.00	56.16 -0.57 0.00	55.46 -0.67 0.00	58.05 -0.77 0.00	61.86 -0.94 0.00	63.79 -1.17 0.00	68.21 -1.32 0.00	76.18 -1.01 0.00	85.54 -0.86 0.00	80.42 -0.48 0.00	76.95 -0.08 0.00	73.80 0.00 0.00	62.93 0.00 0.00	57.35 -0.11 0.00	54.25 -0.05 0.00
S.PERRY__115KV_TB1 80734	60.99 -1.78 -1.32	51.31 -1.37 -1.98	48.53 -1.40 -1.75	48.75 -1.72 -1.30	53.33 -2.73 -0.32	53.33 -2.55 -0.47	54.15 -2.53 -0.56	55.54 -3.73 0.00	57.03 -4.29 0.00	57.05 -4.03 0.00	53.50 -3.23 0.00	53.33 -2.81 0.00	56.23 -2.59 0.00	59.73 -3.08 0.00	61.71 -3.25 0.00	66.06 -3.48 0.00	74.72 -2.47 0.00	84.16 -2.25 0.00	79.93 -0.97 0.00	76.95 -0.08 0.00	73.65 -0.15 0.00	61.54 -1.38 0.00	56.38 -1.09 0.00	54.85 0.54 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	59.40 -3.26 -1.21	49.92 -2.59 -1.81	47.22 -2.55 -1.59	47.36 -3.00 -1.19	51.57 -4.46 -0.30	51.52 -4.32 -0.43	52.08 -4.55 -0.51	53.23 -6.05 0.00	55.12 -6.19 0.00	55.77 -5.31 0.00	52.93 -3.80 0.00	53.16 -2.98 0.00	56.41 -2.41 0.00	59.60 -3.20 0.00	61.65 -3.31 0.00	65.99 -3.55 0.00	74.72 -2.47 0.00	83.64 -2.76 0.00	78.71 -2.18 0.00	74.80 -2.23 0.00	71.14 -2.66 0.00	58.96 -3.96 0.00	54.42 -3.05 0.00	51.64 -2.66 0.00

SAWYER___23_KV_LOAD 55526	59.40 -3.26 -1.21	49.92 -2.59 -1.81	47.22 -2.55 -1.59	47.36 -3.00 -1.19	51.57 -4.46 -0.30	51.52 -4.32 -0.43	52.08 -4.55 -0.51	53.23 -6.05 0.00	55.12 -6.19 0.00	55.77 -5.31 0.00	52.93 -3.80 0.00	53.16 -2.98 0.00	56.41 -2.41 0.00	59.60 -3.20 0.00	61.65 -3.31 0.00	65.99 -3.55 0.00	74.72 -2.47 0.00	83.64 -2.76 0.00	78.71 -2.18 0.00	74.80 -2.23 0.00	71.14 -2.66 0.00	58.96 -3.96 0.00	54.42 -3.05 0.00	51.64 -2.66 0.00
SELKIRK___I 23801	79.22 2.39 -15.37	75.77 2.08 -22.99	70.46 2.02 -20.26	66.36 2.11 -15.08	61.90 2.40 -3.76	63.20 2.33 -5.47	64.81 2.25 -6.44	61.23 1.95 0.00	63.10 1.78 0.00	62.67 1.59 0.00	57.81 1.08 0.00	57.09 0.95 0.00	59.76 0.94 0.00	63.43 0.63 0.00	60.47 -0.39 4.10	63.78 -0.35 5.41	69.17 -0.54 7.48	86.04 -0.34 0.02	80.64 -0.24 0.02	76.33 -0.69 0.00	73.43 -0.37 0.00	62.74 -0.19 0.00	57.28 -0.17 0.02	54.29 0.00 0.02
SELKIRK___II 23799	79.66 2.09 -16.12	76.63 1.82 -24.11	71.21 1.78 -21.24	66.85 1.87 -15.81	61.80 2.12 -3.95	63.19 2.05 -5.73	64.90 2.02 -6.76	61.05 1.78 0.00	62.97 1.66 0.00	62.67 1.59 0.00	57.81 1.08 0.00	57.15 1.01 0.00	59.82 1.00 0.00	63.25 0.44 0.00	50.58 0.46 14.84	50.58 0.62 19.58	50.58 0.47 27.08	87.12 0.78 0.06	81.48 0.64 0.06	77.03 0.00 0.00	74.02 0.22 0.00	63.25 0.32 0.00	57.70 0.29 0.06	54.68 0.43 0.06
SENECA OSWGO___HYD 24041	60.22 -1.23 0.00	49.73 -0.96 0.00	47.22 -0.96 0.00	48.04 -1.13 0.00	54.23 -1.50 0.00	53.92 -1.49 0.00	54.72 -1.40 0.00	57.55 -1.72 0.00	59.54 -1.78 0.00	59.44 -1.65 0.00	55.43 -1.30 0.00	54.85 -1.29 0.00	57.47 -1.35 0.00	61.36 -1.44 0.00	63.40 -1.56 0.00	67.94 -1.60 0.00	75.80 -1.39 0.00	84.93 -1.47 0.00	79.77 -1.13 0.00	75.88 -1.15 0.00	72.55 -1.26 0.00	61.73 -1.20 0.00	56.32 -1.15 0.00	53.27 -1.03 0.00
SENECA___115KV_TB3 355854	59.89 -2.83 -1.27	50.37 -2.23 -1.90	47.64 -2.22 -1.67	47.76 -2.66 -1.25	51.98 -4.07 -0.31	51.98 -3.88 -0.45	52.67 -3.98 -0.53	53.82 -5.45 0.00	55.80 -5.52 0.00	56.44 -4.64 0.00	53.55 -3.18 0.00	53.78 -2.36 0.00	57.06 -1.76 0.00	60.35 -2.45 0.00	62.43 -2.53 0.00	66.89 -2.64 0.00	75.72 -1.47 0.00	84.76 -1.64 0.00	79.85 -1.05 0.00	75.80 -1.23 0.00	72.03 -1.77 0.00	59.78 -3.15 0.00	55.06 -2.41 0.00	52.24 -2.06 0.00
SENECA___ENERGY 23797	61.68 -0.73 -0.96	51.58 -0.56 -1.44	48.87 -0.58 -1.27	49.33 -0.79 -0.94	54.63 -1.34 -0.24	54.48 -1.27 -0.34	55.40 -1.12 -0.40	57.68 -1.60 0.00	59.67 -1.65 0.00	59.62 -1.47 0.00	55.88 -0.85 0.00	55.35 -0.79 0.00	58.17 -0.65 0.00	62.05 -0.75 0.00	64.05 -0.91 0.00	68.56 -0.97 0.00	76.96 -0.23 0.00	86.32 -0.09 0.00	81.14 0.24 0.00	77.42 0.39 0.00	73.80 0.00 0.00	62.49 -0.44 0.00	57.01 -0.46 0.00	53.87 -0.44 0.00
SHOEMAKER___GT 23640	71.13 3.07 -6.60	62.96 2.38 -9.88	59.20 2.31 -8.70	57.91 2.26 -6.48	59.69 2.34 -1.62	59.98 2.22 -2.35	61.25 2.36 -2.77	61.47 2.19 0.00	63.77 2.46 0.00	63.59 2.51 0.00	59.06 2.33 0.00	58.60 2.47 0.00	61.47 2.65 0.00	65.76 2.95 0.00	68.21 3.25 0.00	73.08 3.54 0.00	81.05 3.86 0.00	91.41 5.01 0.00	85.26 4.37 0.00	80.19 3.16 0.00	76.83 3.03 0.00	65.51 2.58 0.00	59.83 2.36 0.00	56.32 2.01 0.00
SHOEMAKR_138KV_BK 111 55601	71.08 3.07 -6.56	62.84 2.33 -9.81	59.09 2.26 -8.64	57.87 2.26 -6.43	59.63 2.29 -1.61	59.96 2.22 -2.33	61.23 2.36 -2.75	61.47 2.19 0.00	63.77 2.45 0.00	63.59 2.50 0.00	59.17 2.44 0.00	58.66 2.53 0.00	61.47 2.65 0.00	65.88 3.08 0.00	68.27 3.31 0.00	73.08 3.55 0.00	81.05 3.86 0.00	91.42 5.01 0.00	85.27 4.37 0.00	80.11 3.08 0.00	76.75 2.95 0.00	65.57 2.64 0.00	59.83 2.36 0.00	56.42 2.12 0.00
SHOREHAM_IC_1 23715	103.22 5.96 -35.81	79.43 4.82 -23.91	68.18 4.48 -15.51	60.49 4.23 -7.09	61.75 4.23 -1.78	62.19 4.21 -2.57	63.59 4.43 -3.03	63.85 4.56 -0.01	66.53 5.21 -0.01	66.47 5.38 -0.01	61.44 4.71 -0.01	63.83 5.16 -2.53	75.48 5.47 -11.19	77.23 6.16 -8.27	78.58 6.63 -6.99	80.51 7.10 -3.88	87.93 7.10 -3.64	109.66 8.99 -14.27	119.11 8.09 -30.12	91.27 6.16 -8.08	80.25 6.42 -0.03	77.90 5.47 -9.50	62.59 5.11 -0.01	58.43 4.13 0.00
SHOREHAM_IC_2 23716	103.28 6.02 -35.81	79.48 4.87 -23.91	68.18 4.48 -15.51	60.48 4.23 -7.08	61.74 4.24 -1.77	62.19 4.21 -2.57	63.58 4.43 -3.02	63.84 4.56 0.00	66.59 5.27 0.00	66.46 5.38 0.00	61.61 4.88 0.00	63.83 5.16 -2.53	75.48 5.47 -11.19	77.23 6.15 -8.27	78.57 6.63 -6.99	80.51 7.09 -3.88	87.92 7.10 -3.63	109.58 8.90 -14.27	119.43 8.41 -30.12	91.27 6.16 -8.08	80.26 6.42 -0.03	78.03 5.60 -9.50	62.64 5.17 0.00	58.43 4.13 0.00
SISSONVILLE____ 23735	60.96 -0.49 0.00	50.29 -0.41 0.00	47.70 -0.48 0.00	48.78 -0.39 0.00	55.90 0.17 0.00	55.63 0.22 0.00	56.51 0.39 0.00	60.28 1.01 0.00	62.18 0.86 0.00	61.76 0.67 0.00	57.24 0.51 0.00	56.59 0.45 0.00	58.94 0.12 0.00	62.43 -0.38 0.00	64.11 -0.84 0.00	68.00 -1.53 0.00	75.41 -1.78 0.00	84.16 -2.25 0.00	78.79 -2.10 0.00	76.18 -0.85 0.00	73.58 -0.22 0.00	63.31 0.38 0.00	58.27 0.80 0.00	55.12 0.81 0.00
SITHE_IND_GS1 24169	59.48 -1.97 0.00	49.13 -1.57 0.00	46.64 -1.54 0.00	47.50 -1.67 0.00	53.68 -2.06 0.00	53.36 -2.05 0.00	54.10 -2.02 0.00	56.96 -2.31 0.00	58.93 -2.39 0.00	58.83 -2.26 0.00	54.80 -1.93 0.00	54.23 -1.91 0.00	56.88 -1.94 0.00	60.73 -2.07 0.00	62.75 -2.21 0.00	67.24 -2.29 0.00	74.95 -2.24 0.00	83.90 -2.51 0.00	78.72 -2.18 0.00	74.95 -2.08 0.00	71.66 -2.14 0.00	60.98 -1.95 0.00	55.63 -1.84 0.00	52.62 -1.68 0.00
SITHE_IND_GS2 24170	59.48 -1.97 0.00	49.13 -1.57 0.00	46.64 -1.54 0.00	47.50 -1.67 0.00	53.68 -2.06 0.00	53.36 -2.05 0.00	54.10 -2.02 0.00	56.96 -2.31 0.00	58.93 -2.39 0.00	58.83 -2.26 0.00	54.80 -1.93 0.00	54.23 -1.91 0.00	56.88 -1.94 0.00	60.73 -2.07 0.00	62.75 -2.21 0.00	67.24 -2.29 0.00	74.95 -2.24 0.00	83.90 -2.51 0.00	78.72 -2.18 0.00	74.95 -2.08 0.00	71.66 -2.14 0.00	60.98 -1.95 0.00	55.63 -1.84 0.00	52.62 -1.68 0.00
SITHE_IND_GS3 24171	59.48 -1.97 0.00	49.13 -1.57 0.00	46.64 -1.54 0.00	47.50 -1.67 0.00	53.68 -2.06 0.00	53.36 -2.05 0.00	54.10 -2.02 0.00	56.96 -2.31 0.00	58.93 -2.39 0.00	58.83 -2.26 0.00	54.80 -1.93 0.00	54.23 -1.91 0.00	56.88 -1.94 0.00	60.73 -2.07 0.00	62.75 -2.21 0.00	67.24 -2.29 0.00	74.95 -2.24 0.00	83.90 -2.51 0.00	78.72 -2.18 0.00	74.95 -2.08 0.00	71.66 -2.14 0.00	60.98 -1.95 0.00	55.63 -1.84 0.00	52.62 -1.68 0.00
SITHE_IND_GS4 24172	59.48 -1.97 0.00	49.13 -1.57 0.00	46.64 -1.54 0.00	47.50 -1.67 0.00	53.68 -2.06 0.00	53.36 -2.05 0.00	54.10 -2.02 0.00	56.96 -2.31 0.00	58.93 -2.39 0.00	58.83 -2.26 0.00	54.80 -1.93 0.00	54.23 -1.91 0.00	56.88 -1.94 0.00	60.73 -2.07 0.00	62.75 -2.21 0.00	67.24 -2.29 0.00	74.95 -2.24 0.00	83.90 -2.51 0.00	78.72 -2.18 0.00	74.95 -2.08 0.00	71.66 -2.14 0.00	60.98 -1.95 0.00	55.63 -1.84 0.00	52.62 -1.68 0.00

SITHE___BATAVIA 24024	60.72 -1.78 -1.06	50.86 -1.42 -1.58	48.08 -1.49 -1.39	48.29 -1.92 -1.04	52.82 -3.17 -0.26	52.74 -3.05 -0.38	53.42 -3.14 -0.44	54.89 -4.39 0.00	56.78 -4.54 0.00	57.24 -3.85 0.00	54.57 -2.16 0.00	54.17 -1.97 0.00	57.35 -1.47 0.00	60.73 -2.07 0.00	62.68 -2.28 0.00	67.03 -2.50 0.00	76.11 -1.08 0.00	85.19 -1.21 0.00	80.17 -0.73 0.00	77.03 0.00 0.00	72.92 -0.88 0.00	61.36 -1.57 0.00	56.15 -1.32 0.00	53.76 -0.54 0.00
SITHE___INDEPEND 23800	59.48 -1.97 0.00	49.13 -1.57 0.00	46.64 -1.54 0.00	47.50 -1.67 0.00	53.67 -2.06 0.00	53.36 -2.05 0.00	54.10 -2.02 0.00	56.96 -2.31 0.00	58.93 -2.39 0.00	58.82 -2.26 0.00	54.75 -1.99 0.00	54.23 -1.91 0.00	56.88 -1.94 0.00	60.73 -2.07 0.00	62.75 -2.21 0.00	67.17 -2.36 0.00	74.87 -2.32 0.00	83.90 -2.51 0.00	78.71 -2.18 0.00	74.87 -2.16 0.00	71.66 -2.14 0.00	60.92 -2.01 0.00	55.63 -1.84 0.00	52.51 -1.79 0.00
SITHE___MASSENA 23902	61.08 -0.37 0.00	50.45 -0.25 0.00	47.90 -0.29 0.00	48.98 -0.20 0.00	55.85 0.11 0.00	55.47 0.06 0.00	56.29 0.17 0.00	59.99 0.71 0.00	61.93 0.61 0.00	61.52 0.43 0.00	57.07 0.34 0.00	56.47 0.34 0.00	59.12 0.30 0.00	62.99 0.19 0.00	64.96 0.00 0.00	69.19 -0.35 0.00	76.65 -0.54 0.00	85.46 -0.95 0.00	79.93 -0.97 0.00	76.88 -0.15 0.00	73.95 0.15 0.00	63.31 0.38 0.00	57.99 0.52 0.00	54.79 0.49 0.00
SITHE___OGDNSBRG 24021	62.07 0.61 0.00	51.21 0.51 0.00	48.57 0.39 0.00	49.61 0.44 0.00	56.68 0.95 0.00	56.41 1.00 0.00	57.19 1.07 0.00	60.87 1.60 0.00	62.61 1.29 0.00	62.06 0.98 0.00	57.41 0.68 0.00	56.75 0.62 0.00	59.29 0.47 0.00	62.99 0.19 0.00	64.83 -0.13 0.00	69.05 -0.49 0.00	76.65 -0.54 0.00	85.54 -0.86 0.00	80.33 -0.57 0.00	77.95 0.92 0.00	75.13 1.33 0.00	64.44 1.51 0.00	59.02 1.55 0.00	55.77 1.47 0.00
SITHE___STERLING 23777	63.29 1.84 0.00	52.17 1.47 0.00	49.48 1.30 0.00	50.40 1.23 0.00	56.96 1.22 0.00	56.74 1.33 0.00	57.53 1.40 0.00	60.58 1.30 0.00	62.67 1.35 0.00	62.37 1.28 0.00	57.98 1.25 0.00	57.32 1.18 0.00	59.88 1.06 0.00	63.80 1.00 0.00	65.93 0.98 0.00	70.64 1.11 0.00	79.04 1.85 0.00	88.74 2.33 0.00	83.25 2.35 0.00	79.65 2.62 0.00	76.31 2.51 0.00	64.88 1.95 0.00	59.02 1.55 0.00	55.72 1.41 0.00
SLEIGHT__34_KV_TB1 80719	60.16 -1.29 0.00	49.63 -1.06 0.00	47.12 -1.06 0.00	47.80 -1.38 0.00	53.62 -2.12 0.00	53.41 -1.99 0.00	54.16 -1.96 0.00	56.78 -2.49 0.00	58.74 -2.58 0.00	58.89 -2.20 0.00	55.14 -1.59 0.00	54.90 -1.23 0.00	57.76 -1.06 0.00	61.36 -1.44 0.00	63.40 -1.56 0.00	67.79 -1.74 0.00	76.19 -1.00 0.00	85.54 -0.86 0.00	80.25 -0.65 0.00	76.49 -0.54 0.00	73.06 -0.74 0.00	61.48 -1.45 0.00	56.26 -1.21 0.00	53.06 -1.25 0.00
SMITHTWN_69_KV_BK 1 55830	103.89 6.64 -35.81	79.99 5.37 -23.91	68.66 4.96 -15.51	61.02 4.77 -7.08	62.41 4.90 -1.77	62.80 4.82 -2.57	64.25 5.11 -3.02	64.55 5.28 0.00	67.27 5.95 0.00	67.25 6.17 0.00	62.40 5.67 0.00	64.61 5.95 -2.53	76.30 6.29 -11.19	78.05 6.97 -8.27	79.35 7.41 -6.99	81.30 7.86 -3.91	90.86 7.87 -5.79	104.47 9.33 -8.73	139.15 8.82 -49.44	89.41 6.62 -5.75	80.80 6.94 -0.07	78.53 6.10 -9.50	63.22 5.75 0.00	59.03 4.72 0.00
SOUTH CAIRO___GT 23612	80.46 4.30 -14.71	76.25 3.55 -22.00	70.89 3.32 -19.38	66.90 3.29 -14.43	63.02 3.68 -3.60	64.30 3.66 -5.23	65.94 3.65 -6.17	62.95 3.67 0.00	64.57 3.25 0.00	63.83 2.75 0.00	58.55 1.82 0.00	57.71 1.57 0.00	60.53 1.71 0.00	64.12 1.32 0.00	61.75 2.01 5.22	65.15 2.50 6.88	70.52 2.86 9.52	90.18 3.80 0.02	84.52 3.64 0.02	80.03 3.00 0.00	77.05 3.25 0.00	65.82 2.89 0.00	60.03 2.59 0.02	57.00 2.72 0.02
SOUTH HAMPTN___IC 23720	104.32 7.06 -35.81	80.29 5.68 -23.91	68.95 5.25 -15.51	61.18 4.92 -7.09	62.53 5.02 -1.78	63.03 5.04 -2.57	64.31 5.16 -3.03	64.68 5.39 -0.01	67.58 6.26 -0.01	67.69 6.60 -0.01	62.75 6.01 -0.01	65.17 6.51 -2.53	76.95 6.94 -11.19	78.86 7.79 -8.27	80.33 8.38 -6.99	82.38 8.97 -3.88	89.81 9.34 -3.28	111.86 11.58 -13.88	118.68 10.59 -27.19	93.46 8.55 -7.88	82.24 8.41 -0.03	79.41 6.98 -9.50	63.91 6.44 -0.01	59.63 5.33 0.00
SOUTHDOW_115KV_TB1 355954	61.48 -1.35 -1.38	51.65 -1.12 -2.07	48.85 -1.16 -1.82	49.00 -1.52 -1.36	53.34 -2.73 -0.34	53.41 -2.49 -0.49	54.34 -2.36 -0.58	56.37 -2.90 0.00	58.50 -2.82 0.00	59.19 -1.89 0.00	56.33 -0.40 0.00	56.36 0.22 0.00	59.76 0.94 0.00	63.56 0.75 0.00	65.74 0.78 0.00	70.51 0.97 0.00	79.81 2.62 0.00	88.13 1.73 0.00	83.16 2.27 0.00	78.88 1.85 0.00	74.91 1.11 0.00	62.05 -0.88 0.00	56.95 -0.52 0.00	53.82 -0.49 0.00
SOUTHOLD_69_KV_BK 2 55809	105.18 7.93 -35.81	80.95 6.34 -23.91	69.53 5.83 -15.51	61.71 5.46 -7.08	63.02 5.52 -1.77	63.63 5.65 -2.57	64.76 5.61 -3.02	65.26 5.99 0.00	68.37 7.05 0.00	68.60 7.51 0.00	63.99 7.26 0.00	66.41 7.75 -2.53	78.30 8.29 -11.19	80.50 9.42 -8.27	82.02 10.07 -6.99	84.26 10.85 -3.88	92.06 11.58 -3.29	114.41 14.08 -13.92	121.78 13.59 -27.29	96.02 11.09 -7.90	84.39 10.55 -0.03	81.17 8.75 -9.50	65.34 7.87 0.00	60.93 6.63 0.00
SOUTHOLD___IC 23719	105.19 7.93 -35.81	80.95 6.34 -23.91	69.52 5.83 -15.51	61.72 5.46 -7.09	63.03 5.52 -1.78	63.64 5.65 -2.57	64.77 5.61 -3.03	65.27 5.98 -0.01	68.37 7.05 -0.01	68.60 7.51 -0.01	63.89 7.15 -0.01	66.41 7.75 -2.53	78.30 8.30 -11.19	80.49 9.42 -8.27	82.02 10.07 -6.99	84.25 10.84 -3.88	92.06 11.57 -3.30	114.58 14.25 -13.92	121.46 13.27 -27.29	96.09 11.17 -7.90	84.38 10.55 -0.03	81.05 8.62 -9.50	65.23 7.76 -0.01	60.93 6.62 0.00
SOUTH_FORK_WT_PWR 323839	104.81 7.56 -35.81	80.64 6.03 -23.91	69.19 5.49 -15.51	61.37 5.11 -7.09	62.64 5.12 -1.78	63.36 5.37 -2.57	64.31 5.16 -3.03	64.80 5.51 -0.01	67.95 6.62 -0.01	68.36 7.27 -0.01	63.71 6.98 -0.01	66.36 7.69 -2.53	78.30 8.30 -11.19	80.49 9.42 -8.27	82.02 10.07 -6.99	84.19 10.78 -3.88	91.98 11.50 -3.29	114.55 14.25 -13.90	121.48 13.34 -27.23	96.32 11.40 -7.89	84.46 10.63 -0.03	81.05 8.62 -9.50	65.29 7.81 -0.01	61.04 6.73 0.00
SPIERFLS_115KV_TB 1 80737	95.22 3.63 -30.15	98.67 2.89 -45.09	90.61 2.70 -39.72	81.40 2.66 -29.57	66.07 2.95 -7.38	69.07 2.94 -10.72	71.73 2.97 -12.64	62.00 2.73 0.00	64.08 2.76 0.00	63.47 2.38 0.00	58.15 1.42 0.00	57.31 1.18 0.00	59.88 1.06 0.00	63.93 1.13 0.00	66.13 1.17 0.00	71.20 1.67 0.00	79.12 1.93 0.00	89.34 2.94 0.00	84.46 3.56 0.00	80.34 3.31 0.00	77.42 3.62 0.00	65.95 3.02 0.00	60.00 2.53 0.00	56.48 2.17 0.00
ST LAWRENCE____ 23600	60.47 -0.99 0.00	49.89 -0.81 0.00	47.41 -0.77 0.00	48.48 -0.69 0.00	55.18 -0.56 0.00	54.91 -0.50 0.00	55.62 -0.51 0.00	59.27 0.00 0.00	61.20 -0.12 0.00	60.84 -0.24 0.00	56.45 -0.28 0.00	55.86 -0.28 0.00	58.53 -0.29 0.00	62.43 -0.37 0.00	64.44 -0.52 0.00	68.84 -0.70 0.00	76.18 -1.01 0.00	84.93 -1.47 0.00	79.52 -1.38 0.00	76.26 -0.77 0.00	73.21 -0.59 0.00	62.62 -0.31 0.00	57.30 -0.17 0.00	54.14 -0.16 0.00

STATE_CA_115KV_115_LB 55624	86.23 2.70 -22.07	86.09 2.38 -33.01	79.53 2.26 -29.08	73.18 2.36 -21.65	63.76 2.62 -5.40	65.81 2.55 -7.85	67.90 2.53 -9.25	61.59 2.31 0.00	63.46 2.15 0.00	63.10 2.02 0.00	58.21 1.47 0.00	57.48 1.35 0.00	60.17 1.35 0.00	64.12 1.32 0.00	66.39 1.43 0.00	71.20 1.67 0.00	78.73 1.54 0.00	88.39 1.99 0.00	82.60 1.70 0.00	78.18 1.16 0.00	75.20 1.40 0.00	64.38 1.45 0.00	58.68 1.21 0.00	55.77 1.47 0.00
STATE_ST_34_KV_LOAD 55959	62.28 -0.12 -0.95	52.02 -0.10 -1.43	49.29 -0.14 -1.26	49.76 -0.34 -0.93	55.30 -0.67 -0.23	55.08 -0.66 -0.34	56.02 -0.51 -0.40	58.44 -0.83 0.00	60.46 -0.86 0.00	60.35 -0.73 0.00	56.28 -0.45 0.00	55.80 -0.34 0.00	58.53 -0.29 0.00	62.43 -0.38 0.00	64.50 -0.45 0.00	69.05 -0.49 0.00	77.27 0.08 0.00	86.75 0.35 0.00	81.55 0.65 0.00	77.57 0.54 0.00	74.24 0.44 0.00	62.80 -0.13 0.00	57.41 -0.06 0.00	54.03 -0.27 0.00
STATION_5_MISC_HYD 23604	59.98 -1.48 0.00	49.53 -1.16 0.00	46.98 -1.20 0.00	47.60 -1.58 0.00	53.23 -2.51 0.00	53.03 -2.38 0.00	53.71 -2.41 0.00	56.01 -3.26 0.00	58.07 -3.25 0.00	58.34 -2.75 0.00	55.20 -1.53 0.00	54.73 -1.40 0.00	57.76 -1.06 0.00	61.29 -1.51 0.00	63.27 -1.69 0.00	67.73 -1.81 0.00	76.42 -0.77 0.00	85.54 -0.86 0.00	80.25 -0.65 0.00	76.88 -0.15 0.00	72.99 -0.81 0.00	61.60 -1.32 0.00	56.32 -1.15 0.00	53.49 -0.81 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	61.19 -1.17 -0.91	51.14 -0.91 -1.36	48.46 -0.92 -1.20	48.83 -1.23 -0.89	54.01 -1.95 -0.22	53.85 -1.88 -0.32	54.65 -1.85 -0.38	56.84 -2.43 0.00	58.80 -2.51 0.00	58.95 -2.14 0.00	55.20 -1.53 0.00	54.96 -1.18 0.00	57.88 -0.94 0.00	61.48 -1.32 0.00	63.53 -1.43 0.00	68.00 -1.53 0.00	76.50 -0.69 0.00	85.89 -0.52 0.00	80.66 -0.24 0.00	76.80 -0.23 0.00	73.36 -0.44 0.00	61.67 -1.26 0.00	56.44 -1.03 0.00	53.27 -1.03 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	59.79 -1.66 0.00	49.33 -1.37 0.00	46.79 -1.40 0.00	47.45 -1.72 0.00	53.12 -2.62 0.00	52.86 -2.55 0.00	53.54 -2.58 0.00	55.95 -3.32 0.00	57.95 -3.37 0.00	58.21 -2.87 0.00	54.63 -2.10 0.00	54.56 -1.57 0.00	57.53 -1.29 0.00	61.04 -1.76 0.00	63.07 -1.88 0.00	67.52 -2.02 0.00	76.03 -1.16 0.00	85.28 -1.12 0.00	79.93 -0.97 0.00	76.18 -0.85 0.00	72.69 -1.11 0.00	60.98 -1.95 0.00	55.92 -1.55 0.00	52.84 -1.47 0.00
STA_56___34_KV_BUS2 355983	59.79 -1.66 0.00	49.33 -1.37 0.00	46.79 -1.40 0.00	47.45 -1.72 0.00	53.12 -2.62 0.00	52.86 -2.55 0.00	53.54 -2.58 0.00	55.95 -3.32 0.00	57.95 -3.37 0.00	58.21 -2.87 0.00	54.63 -2.10 0.00	54.56 -1.57 0.00	57.53 -1.29 0.00	61.04 -1.76 0.00	63.07 -1.88 0.00	67.52 -2.02 0.00	76.03 -1.16 0.00	85.28 -1.12 0.00	79.93 -0.97 0.00	76.18 -0.85 0.00	72.69 -1.11 0.00	60.98 -1.95 0.00	55.92 -1.55 0.00	52.84 -1.47 0.00
STA_67___115KV_BK2 355882	59.85 -1.60 0.00	49.38 -1.32 0.00	46.88 -1.30 0.00	47.50 -1.67 0.00	53.12 -2.62 0.00	52.92 -2.49 0.00	53.60 -2.53 0.00	55.90 -3.38 0.00	57.88 -3.43 0.00	58.15 -2.93 0.00	54.63 -2.10 0.00	54.56 -1.57 0.00	57.58 -1.24 0.00	61.04 -1.76 0.00	63.14 -1.82 0.00	67.52 -2.02 0.00	76.03 -1.16 0.00	85.28 -1.12 0.00	80.01 -0.89 0.00	76.26 -0.77 0.00	72.77 -1.03 0.00	60.98 -1.95 0.00	55.98 -1.49 0.00	52.89 -1.41 0.00
STA_7___115KV_9TRANS 80674	60.34 -1.11 0.00	49.79 -0.91 0.00	47.22 -0.96 0.00	47.84 -1.33 0.00	53.51 -2.23 0.00	53.25 -2.16 0.00	53.93 -2.19 0.00	56.31 -2.96 0.00	58.31 -3.00 0.00	58.64 -2.44 0.00	55.09 -1.65 0.00	55.01 -1.12 0.00	58.11 -0.71 0.00	61.61 -1.19 0.00	63.66 -1.30 0.00	68.07 -1.46 0.00	76.80 -0.39 0.00	86.06 -0.35 0.00	80.82 -0.08 0.00	77.03 0.00 0.00	73.51 -0.30 0.00	61.54 -1.38 0.00	56.44 -1.03 0.00	53.33 -0.98 0.00
STA_82___115KV_TB1 80780	59.85 -1.60 0.00	49.43 -1.27 0.00	46.88 -1.30 0.00	47.50 -1.67 0.00	53.12 -2.62 0.00	52.92 -2.49 0.00	53.60 -2.53 0.00	55.90 -3.38 0.00	57.88 -3.43 0.00	58.21 -2.87 0.00	54.63 -2.10 0.00	54.56 -1.57 0.00	57.58 -1.24 0.00	61.04 -1.76 0.00	63.14 -1.82 0.00	67.52 -2.02 0.00	76.11 -1.08 0.00	85.28 -1.12 0.00	80.01 -0.89 0.00	76.34 -0.69 0.00	72.77 -1.03 0.00	60.98 -1.95 0.00	55.98 -1.49 0.00	52.95 -1.36 0.00
STEEL___WIND 323596	59.83 -2.89 -1.27	50.32 -2.28 -1.90	47.59 -2.26 -1.67	47.76 -2.66 -1.25	51.92 -4.12 -0.31	51.93 -3.93 -0.45	52.61 -4.04 -0.53	53.76 -5.51 0.00	55.74 -5.58 0.00	56.38 -4.70 0.00	54.07 -2.67 0.00	53.72 -2.41 0.00	57.00 -1.82 0.00	60.48 -2.32 0.00	62.36 -2.60 0.00	66.82 -2.71 0.00	75.88 -1.31 0.00	84.59 -1.82 0.00	79.77 -1.13 0.00	76.18 -0.85 0.00	71.96 -1.84 0.00	60.41 -2.52 0.00	55.34 -2.13 0.00	52.95 -1.36 0.00
STEPHTWN_115KV_BK_2 55603	83.17 2.95 -18.77	81.30 2.53 -28.07	75.32 2.41 -24.73	70.04 2.46 -18.41	63.06 2.73 -4.60	64.80 2.72 -6.67	66.74 2.75 -7.87	61.82 2.55 0.00	63.71 2.39 0.00	63.28 2.20 0.00	58.38 1.65 0.00	57.65 1.52 0.00	60.35 1.53 0.00	64.25 1.44 0.00	66.52 1.56 0.00	71.41 1.88 0.00	78.97 1.78 0.00	88.74 2.33 0.00	82.92 2.02 0.00	78.49 1.46 0.00	75.42 1.62 0.00	64.63 1.70 0.00	58.85 1.38 0.00	55.94 1.63 0.00
STEBEN_REC_LFGE 323667	61.57 -1.60 -1.72	52.05 -1.22 -2.57	49.34 -1.11 -2.26	49.53 -1.33 -1.68	53.87 -2.29 -0.42	54.03 -1.99 -0.61	54.99 -1.85 -0.72	56.49 -2.79 0.00	58.31 -3.00 0.00	58.52 -2.57 0.00	55.20 -1.53 0.00	55.01 -1.12 0.00	58.06 -0.76 0.00	61.80 -1.00 0.00	63.85 -1.10 0.00	68.42 -1.11 0.00	77.34 0.15 0.00	86.92 0.52 0.00	82.27 1.38 0.00	78.57 1.54 0.00	74.98 1.18 0.00	62.49 -0.44 0.00	57.24 -0.23 0.00	54.09 -0.22 0.00
STILLWATER___SOLAR 323814	94.42 3.81 -29.16	97.40 3.09 -43.61	89.54 2.94 -38.42	80.72 2.95 -28.60	66.16 3.29 -7.14	69.05 3.27 -10.37	71.60 3.25 -12.22	62.30 3.02 0.00	64.32 3.00 0.00	63.77 2.68 0.00	58.66 1.93 0.00	57.93 1.80 0.00	60.58 1.76 0.00	64.75 1.95 0.00	67.04 2.08 0.00	72.03 2.50 0.00	80.12 2.93 0.00	90.30 3.89 0.00	84.86 3.96 0.00	80.57 3.55 0.00	77.42 3.62 0.00	66.01 3.08 0.00	60.11 2.65 0.00	56.64 2.33 0.00
STONY___BROOK 24151	103.84 6.58 -35.81	79.93 5.32 -23.91	68.66 4.96 -15.51	61.03 4.77 -7.09	62.42 4.91 -1.78	62.80 4.82 -2.57	64.26 5.11 -3.03	64.50 5.22 -0.01	67.27 5.95 -0.01	67.20 6.11 -0.01	62.19 5.45 -0.01	64.50 5.84 -2.53	76.18 6.17 -11.19	77.92 6.85 -8.27	79.22 7.27 -6.99	81.21 7.79 -3.89	89.71 7.79 -4.72	108.69 9.50 -12.78	128.89 8.41 -39.58	91.06 6.54 -7.48	80.71 6.86 -0.05	78.34 5.91 -9.50	63.11 5.64 -0.01	58.98 4.67 0.00
STURGEON_POOL_HYD 23609	73.74 3.63 -8.66	66.44 2.79 -12.95	62.25 2.65 -11.41	60.32 2.66 -8.50	60.64 2.79 -2.12	61.15 2.66 -3.08	62.56 2.81 -3.63	62.06 2.79 0.00	64.45 3.13 0.00	64.32 3.24 0.00	59.85 3.12 0.00	59.22 3.09 0.00	62.06 3.24 0.00	66.57 3.77 0.00	68.35 4.55 1.15	72.88 4.87 1.52	80.41 5.33 2.11	93.05 6.65 0.00	86.64 5.74 0.00	80.96 3.93 0.00	77.57 3.76 0.00	66.33 3.40 0.00	60.63 3.16 0.00	57.18 2.88 0.00

ST_LAW_115_BK7_LBMP 345037	60.47 -0.99 0.00	49.89 -0.81 0.00	47.41 -0.77 0.00	48.48 -0.69 0.00	55.23 -0.50 0.00	54.91 -0.50 0.00	55.62 -0.51 0.00	59.27 0.00 0.00	61.26 -0.06 0.00	60.84 -0.24 0.00	56.45 -0.28 0.00	55.86 -0.28 0.00	58.47 -0.35 0.00	62.37 -0.44 0.00	64.44 -0.52 0.00	68.77 -0.76 0.00	76.11 -1.08 0.00	84.85 -1.55 0.00	79.36 -1.54 0.00	76.26 -0.77 0.00	73.21 -0.59 0.00	62.62 -0.31 0.00	57.30 -0.17 0.00	54.20 -0.11 0.00
ST_LAW_115_BK8_LBMP 345038	60.47 -0.99 0.00	49.89 -0.81 0.00	47.41 -0.77 0.00	48.48 -0.69 0.00	55.23 -0.50 0.00	54.91 -0.50 0.00	55.62 -0.51 0.00	59.27 0.00 0.00	61.26 -0.06 0.00	60.84 -0.24 0.00	56.45 -0.28 0.00	55.86 -0.28 0.00	58.47 -0.35 0.00	62.37 -0.44 0.00	64.44 -0.52 0.00	68.77 -0.76 0.00	76.11 -1.08 0.00	84.85 -1.55 0.00	79.36 -1.54 0.00	76.26 -0.77 0.00	73.21 -0.59 0.00	62.62 -0.31 0.00	57.30 -0.17 0.00	54.20 -0.11 0.00
ST_LAW_230_BK5_LBMP 345035	60.47 -0.99 0.00	49.89 -0.81 0.00	47.41 -0.77 0.00	48.48 -0.69 0.00	55.18 -0.56 0.00	54.91 -0.50 0.00	55.62 -0.51 0.00	59.27 0.00 0.00	61.20 -0.12 0.00	60.84 -0.24 0.00	56.45 -0.28 0.00	55.86 -0.28 0.00	58.53 -0.29 0.00	62.43 -0.37 0.00	64.44 -0.52 0.00	68.84 -0.70 0.00	76.18 -1.01 0.00	84.93 -1.47 0.00	79.52 -1.38 0.00	76.26 -0.77 0.00	73.21 -0.59 0.00	62.62 -0.31 0.00	57.30 -0.17 0.00	54.14 -0.16 0.00
ST_LAW_230_BK6_LBMP 345036	60.47 -0.99 0.00	49.89 -0.81 0.00	47.41 -0.77 0.00	48.48 -0.69 0.00	55.18 -0.56 0.00	54.91 -0.50 0.00	55.62 -0.51 0.00	59.27 0.00 0.00	61.20 -0.12 0.00	60.84 -0.24 0.00	56.45 -0.28 0.00	55.86 -0.28 0.00	58.53 -0.29 0.00	62.43 -0.37 0.00	64.44 -0.52 0.00	68.84 -0.70 0.00	76.18 -1.01 0.00	84.93 -1.47 0.00	79.52 -1.38 0.00	76.26 -0.77 0.00	73.21 -0.59 0.00	62.62 -0.31 0.00	57.30 -0.17 0.00	54.14 -0.16 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	71.58 3.38 -6.75	63.38 2.59 -10.10	59.59 2.51 -8.90	58.25 2.46 -6.62	59.90 2.51 -1.65	60.19 2.38 -2.40	61.53 2.58 -2.83	61.76 2.49 0.00	64.08 2.76 0.00	64.02 2.93 0.00	59.62 2.89 0.00	59.11 2.98 0.00	62.00 3.18 0.00	66.45 3.64 0.00	68.86 3.90 0.00	73.71 4.17 0.00	81.74 4.55 0.00	92.19 5.79 0.00	85.91 5.02 0.00	80.57 3.54 0.00	77.12 3.32 0.00	65.89 2.96 0.00	60.17 2.70 0.00	56.70 2.39 0.00
SWANROAD_115KV_TB1 355699	58.12 -4.49 -1.15	48.87 -3.55 -1.72	46.23 -3.47 -1.52	46.37 -3.93 -1.13	50.39 -5.63 -0.28	50.33 -5.49 -0.41	50.88 -5.72 -0.48	51.92 -7.35 0.00	53.78 -7.54 0.00	54.43 -6.66 0.00	51.62 -5.11 0.00	51.93 -4.21 0.00	55.11 -3.71 0.00	58.09 -4.71 0.00	60.09 -4.87 0.00	64.32 -5.22 0.00	72.79 -4.40 0.00	81.57 -4.84 0.00	76.69 -4.21 0.00	72.95 -4.08 0.00	69.37 -4.43 0.00	57.58 -5.35 0.00	53.22 -4.25 0.00	50.61 -3.69 0.00
SYNERGY___BIOGAS 323694	60.72 -1.78 -1.06	50.86 -1.42 -1.58	48.08 -1.49 -1.39	48.29 -1.92 -1.04	52.82 -3.18 -0.26	52.74 -3.05 -0.38	53.42 -3.14 -0.44	54.89 -4.39 0.00	56.78 -4.54 0.00	57.24 -3.85 0.00	54.01 -2.72 0.00	54.12 -2.02 0.00	57.35 -1.47 0.00	60.60 -2.20 0.00	62.62 -2.34 0.00	67.03 -2.50 0.00	75.88 -1.31 0.00	85.28 -1.12 0.00	80.17 -0.73 0.00	76.57 -0.46 0.00	72.92 -0.89 0.00	60.66 -2.27 0.00	55.86 -1.61 0.00	52.84 -1.47 0.00
SYRACUSE___ENERGY_ST1 323597	60.65 -0.80 0.00	50.04 -0.66 0.00	47.51 -0.67 0.00	48.34 -0.84 0.00	54.57 -1.17 0.00	54.25 -1.16 0.00	55.06 -1.07 0.00	57.91 -1.36 0.00	59.91 -1.41 0.00	59.80 -1.28 0.00	55.71 -1.02 0.00	55.24 -0.90 0.00	57.94 -0.88 0.00	61.80 -1.00 0.00	63.85 -1.10 0.00	68.35 -1.18 0.00	76.34 -0.85 0.00	85.54 -0.86 0.00	80.33 -0.57 0.00	76.41 -0.62 0.00	73.06 -0.74 0.00	62.11 -0.82 0.00	57.01 -0.46 0.00	53.76 -0.54 0.00
SYRACUSE___ENERGY_ST2 323598	60.65 -0.80 0.00	50.04 -0.66 0.00	47.51 -0.67 0.00	48.34 -0.84 0.00	54.57 -1.17 0.00	54.25 -1.16 0.00	55.06 -1.07 0.00	57.91 -1.36 0.00	59.91 -1.41 0.00	59.80 -1.28 0.00	55.71 -1.02 0.00	55.24 -0.90 0.00	57.94 -0.88 0.00	61.80 -1.00 0.00	63.85 -1.10 0.00	68.35 -1.18 0.00	76.34 -0.85 0.00	85.54 -0.86 0.00	80.33 -0.57 0.00	76.41 -0.62 0.00	73.06 -0.74 0.00	62.11 -0.82 0.00	57.01 -0.46 0.00	53.76 -0.54 0.00
SYRACUSE___POWER 24017	60.84 -0.61 0.00	50.14 -0.56 0.00	47.60 -0.58 0.00	48.43 -0.74 0.00	54.68 -1.06 0.00	54.41 -1.00 0.00	55.17 -0.95 0.00	58.09 -1.19 0.00	60.09 -1.23 0.00	59.99 -1.10 0.00	55.88 -0.85 0.00	55.41 -0.73 0.00	58.11 -0.71 0.00	61.99 -0.82 0.00	64.11 -0.84 0.00	68.63 -0.90 0.00	76.57 -0.62 0.00	85.89 -0.52 0.00	80.66 -0.24 0.00	76.64 -0.39 0.00	73.36 -0.44 0.00	62.24 -0.69 0.00	56.90 -0.57 0.00	53.65 -0.65 0.00
TALLMAN__138KV_BK151 55660	72.08 3.69 -6.94	63.92 2.84 -10.39	60.08 2.75 -9.15	58.69 2.70 -6.81	60.17 2.73 -1.70	60.43 2.55 -2.47	61.84 2.81 -2.91	62.06 2.79 0.00	64.45 3.13 0.00	64.38 3.30 0.00	60.08 3.35 0.00	59.67 3.54 0.00	62.53 3.71 0.00	67.07 4.27 0.00	69.57 4.61 0.00	74.40 4.87 0.00	82.44 5.25 0.00	93.06 6.65 0.00	86.64 5.74 0.00	80.96 3.93 0.00	77.57 3.76 0.00	66.26 3.34 0.00	60.52 3.05 0.00	57.13 2.82 0.00
TEALLAVE_115KV_TB7 355573	60.65 -0.80 0.00	49.99 -0.71 0.00	47.46 -0.72 0.00	48.29 -0.89 0.00	54.57 -1.17 0.00	54.25 -1.16 0.00	55.00 -1.12 0.00	57.91 -1.36 0.00	59.91 -1.41 0.00	59.80 -1.28 0.00	55.71 -1.02 0.00	55.24 -0.90 0.00	57.94 -0.88 0.00	61.86 -0.94 0.00	63.92 -1.04 0.00	68.42 -1.11 0.00	76.34 -0.85 0.00	85.63 -0.78 0.00	80.33 -0.57 0.00	76.34 -0.69 0.00	73.06 -0.74 0.00	61.98 -0.94 0.00	56.61 -0.86 0.00	53.44 -0.87 0.00
TELGRAPH_34_KV_EAST 80808	59.53 -3.01 -1.09	49.95 -2.38 -1.64	47.26 -2.36 -1.44	47.39 -2.85 -1.07	51.71 -4.29 -0.27	51.64 -4.16 -0.39	52.26 -4.32 -0.46	53.52 -5.75 0.00	55.43 -5.89 0.00	56.01 -5.07 0.00	52.99 -3.74 0.00	53.22 -2.92 0.00	56.41 -2.41 0.00	59.60 -3.20 0.00	61.58 -3.38 0.00	65.85 -3.69 0.00	74.57 -2.62 0.00	83.64 -2.76 0.00	78.63 -2.27 0.00	74.95 -2.08 0.00	71.37 -2.44 0.00	59.28 -3.65 0.00	54.65 -2.82 0.00	51.86 -2.44 0.00
TEMPLE___115KV_TB 2 55572	60.65 -0.80 0.00	50.04 -0.66 0.00	47.51 -0.67 0.00	48.34 -0.84 0.00	54.57 -1.17 0.00	54.25 -1.16 0.00	55.06 -1.07 0.00	57.91 -1.36 0.00	59.91 -1.41 0.00	59.86 -1.22 0.00	55.77 -0.96 0.00	55.29 -0.84 0.00	58.00 -0.82 0.00	61.86 -0.94 0.00	63.98 -0.97 0.00	68.49 -1.04 0.00	76.42 -0.77 0.00	85.71 -0.69 0.00	80.41 -0.49 0.00	76.41 -0.62 0.00	73.14 -0.66 0.00	62.05 -0.88 0.00	56.67 -0.80 0.00	53.44 -0.87 0.00
TIANA____69_KV_BK 1 55817	104.14 6.88 -35.81	80.14 5.53 -23.91	68.80 5.11 -15.51	61.07 4.82 -7.08	62.41 4.90 -1.77	62.91 4.93 -2.57	64.25 5.11 -3.02	64.55 5.28 0.00	67.45 6.13 0.00	67.44 6.35 0.00	62.63 5.90 0.00	64.90 6.23 -2.53	76.60 6.59 -11.19	78.55 7.47 -8.27	79.94 7.99 -6.99	81.96 8.55 -3.88	89.35 8.88 -3.28	111.20 10.89 -13.91	118.52 10.35 -27.27	92.86 7.93 -7.90	81.73 7.90 -0.03	79.22 6.80 -9.50	63.68 6.21 0.00	59.36 5.05 0.00

TILDEN___115KV_TB1 80814	60.84 -0.61 0.00	50.14 -0.56 0.00	47.60 -0.58 0.00	48.43 -0.74 0.00	54.68 -1.06 0.00	54.41 -1.00 0.00	55.17 -0.95 0.00	58.09 -1.19 0.00	60.09 -1.23 0.00	59.99 -1.10 0.00	55.88 -0.85 0.00	55.41 -0.73 0.00	58.11 -0.71 0.00	61.99 -0.82 0.00	64.11 -0.84 0.00	68.63 -0.90 0.00	76.57 -0.62 0.00	85.89 -0.52 0.00	80.66 -0.24 0.00	76.64 -0.39 0.00	73.36 -0.44 0.00	62.24 -0.69 0.00	56.90 -0.57 0.00	53.65 -0.65 0.00
TRIGEN___CC 323695	102.48 5.22 -35.81	78.77 4.16 -23.91	67.65 3.95 -15.51	60.18 3.93 -7.08	61.57 4.07 -1.77	61.91 3.93 -2.57	63.36 4.21 -3.02	63.48 4.21 0.00	65.98 4.66 0.00	65.91 4.83 0.00	61.44 4.71 0.00	63.49 4.83 -2.53	75.07 5.06 -11.19	76.66 5.59 -8.27	77.86 5.91 -6.99	79.59 6.19 -3.87	83.91 6.72 0.00	122.26 8.29 -27.57	106.14 7.28 -17.96	110.22 5.32 -27.88	78.91 5.09 -0.02	77.08 4.66 -9.50	62.01 4.54 0.00	58.27 3.96 0.00
TRINITY___115KV___4 BK 55933	83.12 2.40 -19.27	81.65 2.13 -28.82	75.65 2.07 -25.39	70.19 2.11 -18.90	62.80 2.34 -4.72	64.59 2.33 -6.85	66.50 2.30 -8.08	61.35 2.07 0.00	63.22 1.90 0.00	62.86 1.77 0.00	57.92 1.19 0.00	57.20 1.07 0.00	59.88 1.06 0.00	63.81 1.00 0.00	66.06 1.10 0.00	70.85 1.32 0.00	78.35 1.16 0.00	87.96 1.56 0.00	82.19 1.29 0.00	77.80 0.77 0.00	74.76 0.96 0.00	64.12 1.20 0.00	58.39 0.92 0.00	55.50 1.19 0.00
UNION___PROCESSING_DRP 323587	59.85 -1.60 0.00	49.43 -1.27 0.00	46.88 -1.30 0.00	47.55 -1.62 0.00	53.17 -2.56 0.00	52.92 -2.49 0.00	53.60 -2.53 0.00	55.90 -3.38 0.00	57.88 -3.43 0.00	58.21 -2.87 0.00	54.63 -2.10 0.00	54.56 -1.57 0.00	57.58 -1.24 0.00	61.04 -1.76 0.00	63.14 -1.82 0.00	67.52 -2.02 0.00	76.11 -1.08 0.00	85.37 -1.04 0.00	80.09 -0.81 0.00	76.34 -0.69 0.00	72.84 -0.96 0.00	61.04 -1.89 0.00	55.98 -1.49 0.00	52.95 -1.36 0.00
UPPER HUDSON___HYD 24058	95.22 3.62 -30.15	98.67 2.89 -45.09	90.60 2.70 -39.72	81.40 2.65 -29.57	66.07 2.95 -7.38	69.07 2.93 -10.72	71.73 2.97 -12.64	62.00 2.73 0.00	64.08 2.76 0.00	63.46 2.38 0.00	58.09 1.36 0.00	57.32 1.18 0.00	59.88 1.06 0.00	63.93 1.13 0.00	66.13 1.17 0.00	71.20 1.67 0.00	79.12 1.93 0.00	89.34 2.94 0.00	84.45 3.56 0.00	80.34 3.31 0.00	77.42 3.62 0.00	65.89 2.96 0.00	59.94 2.47 0.00	56.42 2.12 0.00
UPPER RAQUET___HYD 24056	60.96 -0.49 0.00	50.29 -0.41 0.00	47.70 -0.48 0.00	48.78 -0.40 0.00	55.90 0.17 0.00	55.63 0.22 0.00	56.52 0.40 0.00	60.28 1.01 0.00	62.18 0.86 0.00	61.76 0.67 0.00	57.24 0.51 0.00	56.58 0.45 0.00	58.94 0.12 0.00	62.43 -0.37 0.00	64.11 -0.85 0.00	67.94 -1.60 0.00	75.34 -1.85 0.00	84.16 -2.25 0.00	78.79 -2.10 0.00	76.11 -0.92 0.00	73.58 -0.22 0.00	63.31 0.38 0.00	58.27 0.80 0.00	55.12 0.82 0.00
VALLEY44_115KV_TB2 355964	59.56 -3.32 -1.43	50.15 -2.69 -2.14	47.42 -2.65 -1.88	47.57 -3.00 -1.40	51.79 -4.29 -0.35	51.82 -4.10 -0.51	52.68 -4.04 -0.60	54.00 -5.28 0.00	55.92 -5.40 0.00	56.44 -4.64 0.00	53.72 -3.01 0.00	53.72 -2.41 0.00	56.94 -1.88 0.00	60.73 -2.07 0.00	62.94 -2.01 0.00	67.52 -2.02 0.00	76.42 -0.77 0.00	85.37 -1.04 0.00	80.41 -0.49 0.00	76.34 -0.69 0.00	72.40 -1.40 0.00	59.97 -2.96 0.00	55.00 -2.47 0.00	52.03 -2.28 0.00
VALLEY___115KV_TB 1-4 80826	61.94 0.49 0.00	51.10 0.41 0.00	48.57 0.39 0.00	49.61 0.44 0.00	56.29 0.56 0.00	56.07 0.66 0.00	56.96 0.84 0.00	60.10 0.83 0.00	62.30 0.98 0.00	62.06 0.98 0.00	57.70 0.96 0.00	57.09 0.95 0.00	59.76 0.94 0.00	63.81 1.00 0.00	66.00 1.04 0.00	70.51 0.97 0.00	78.43 1.24 0.00	87.87 1.47 0.00	82.19 1.29 0.00	78.18 1.16 0.00	74.98 1.18 0.00	64.06 1.13 0.00	58.45 0.98 0.00	55.28 0.98 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	70.53 2.95 -6.13	62.20 2.33 -9.17	58.43 2.17 -8.08	57.45 2.26 -6.02	59.69 2.45 -1.50	60.08 2.49 -2.18	61.22 2.53 -2.57	61.47 2.19 0.00	63.65 2.33 0.00	63.47 2.38 0.00	59.00 2.27 0.00	58.38 2.25 0.00	61.06 2.24 0.00	65.13 2.32 0.00	67.36 2.40 0.00	72.25 2.71 0.00	80.59 3.40 0.00	90.72 4.32 0.00	84.86 3.96 0.00	80.50 3.47 0.00	77.20 3.39 0.00	65.70 2.77 0.00	59.83 2.36 0.00	56.48 2.17 0.00
VISCHER___FERRY HYD 24020	90.39 3.19 -25.75	91.84 2.63 -38.51	84.66 2.55 -33.93	77.03 2.60 -25.26	64.94 2.90 -6.31	67.39 2.82 -9.16	69.83 2.92 -10.79	62.00 2.73 0.00	64.01 2.69 0.00	63.59 2.51 0.00	58.55 1.81 0.00	57.82 1.68 0.00	60.53 1.71 0.00	64.75 1.95 0.00	67.10 2.14 0.00	72.03 2.50 0.00	79.96 2.77 0.00	89.95 3.54 0.00	84.30 3.40 0.00	79.72 2.69 0.00	76.45 2.65 0.00	65.32 2.39 0.00	59.48 2.01 0.00	56.15 1.85 0.00
V_A_10_SYNC_DSASP 323832	59.34 -3.13 -1.02	49.79 -2.43 -1.53	47.12 -2.41 -1.35	47.37 -2.80 -1.00	51.81 -4.18 -0.25	51.73 -4.04 -0.36	52.34 -4.21 -0.43	53.76 -5.51 0.00	55.68 -5.64 0.00	56.20 -4.89 0.00	53.04 -3.69 0.00	53.22 -2.92 0.00	56.29 -2.53 0.00	59.54 -3.27 0.00	61.58 -3.38 0.00	65.85 -3.69 0.00	74.41 -2.78 0.00	83.38 -3.02 0.00	78.31 -2.59 0.00	74.49 -2.54 0.00	71.00 -2.80 0.00	59.09 -3.84 0.00	54.48 -2.99 0.00	51.64 -2.66 0.00
V_CMM_10_SYNC_DSASP 323787	60.78 -0.67 0.00	50.19 -0.51 0.00	47.65 -0.53 0.00	48.73 -0.44 0.00	55.51 -0.22 0.00	55.19 -0.22 0.00	55.95 -0.17 0.00	59.57 0.30 0.00	61.56 0.25 0.00	61.15 0.06 0.00	56.73 0.00 0.00	56.14 0.00 0.00	58.82 0.00 0.00	62.68 -0.13 0.00	64.70 -0.26 0.00	69.12 -0.41 0.00	76.49 -0.70 0.00	85.28 -1.13 0.00	79.77 -1.13 0.00	76.65 -0.38 0.00	73.58 -0.22 0.00	62.93 0.00 0.00	57.58 0.12 0.00	54.47 0.16 0.00
V_CMP_10_SYNC_DSASP 323788	60.41 -1.05 0.00	49.89 -0.81 0.00	47.46 -0.72 0.00	48.63 -0.54 0.00	55.63 -0.11 0.00	55.41 0.00 0.00	56.46 0.34 0.00	60.28 1.01 0.00	62.36 1.04 0.00	61.39 0.31 0.00	56.79 0.06 0.00	56.19 0.06 0.00	58.88 0.06 0.00	62.80 0.00 0.00	64.76 -0.19 0.00	69.12 -0.41 0.00	76.57 -0.62 0.00	85.46 -0.95 0.00	80.01 -0.89 0.00	76.95 -0.08 0.00	73.88 0.07 0.00	63.49 0.57 0.00	58.51 1.04 0.00	55.34 1.03 0.00
V_D_10_SYNC_DSASP 323841	61.08 -0.37 0.00	50.45 -0.25 0.00	47.90 -0.29 0.00	48.98 -0.20 0.00	55.79 0.06 0.00	55.47 0.06 0.00	56.29 0.17 0.00	59.99 0.71 0.00	61.93 0.61 0.00	61.52 0.43 0.00	57.07 0.34 0.00	56.47 0.34 0.00	59.12 0.30 0.00	62.99 0.19 0.00	64.96 0.00 0.00	69.19 -0.35 0.00	76.65 -0.54 0.00	85.46 -0.95 0.00	79.93 -0.97 0.00	76.88 -0.15 0.00	73.95 0.15 0.00	63.31 0.38 0.00	57.99 0.52 0.00	54.79 0.49 0.00
V_E_10_SYNC_DSASP 323830	68.84 4.12 -3.27	59.03 3.45 -4.89	55.62 3.13 -4.30	55.38 3.00 -3.20	59.54 3.01 -0.80	59.90 3.32 -1.16	61.19 3.70 -1.37	62.71 3.44 0.00	64.63 3.31 0.00	64.14 3.05 0.00	59.68 2.95 0.00	58.94 2.81 0.00	61.53 2.71 0.00	65.38 2.58 0.00	67.56 2.60 0.00	72.59 3.06 0.00	82.20 5.01 0.00	92.71 6.30 0.00	87.37 6.47 0.00	84.04 7.01 0.00	80.52 6.72 0.00	68.22 5.29 0.00	61.84 4.37 0.00	58.43 4.13 0.00

V_F_30_NSYNC___DSASP 323816	94.99 3.94 -29.60	98.11 3.14 -44.27	90.18 2.99 -39.01	81.21 3.00 -29.04	66.33 3.34 -7.25	69.26 3.32 -10.53	71.84 3.31 -12.41	62.35 3.08 0.00	64.38 3.06 0.00	63.90 2.81 0.00	58.83 2.10 0.00	58.05 1.91 0.00	60.70 1.88 0.00	64.94 2.14 0.00	67.23 2.27 0.00	72.24 2.71 0.00	80.28 3.09 0.00	90.47 4.06 0.00	85.02 4.12 0.00	80.73 3.70 0.00	77.56 3.76 0.00	66.07 3.15 0.00	60.23 2.76 0.00	56.75 2.45 0.00
V_F_30_SYNC_DSASP 323786	86.00 2.70 -21.84	85.75 2.38 -32.67	79.23 2.26 -28.78	72.96 2.36 -21.43	63.70 2.62 -5.35	65.73 2.55 -7.77	67.80 2.53 -9.16	61.59 2.31 0.00	63.46 2.15 0.00	63.10 2.02 0.00	58.21 1.47 0.00	57.48 1.35 0.00	60.17 1.35 0.00	64.12 1.32 0.00	66.39 1.43 0.00	71.20 1.67 0.00	78.73 1.54 0.00	88.39 1.99 0.00	82.60 1.70 0.00	78.18 1.16 0.00	75.20 1.40 0.00	64.38 1.45 0.00	58.68 1.21 0.00	55.77 1.47 0.00
V_XM_10_SYNC_DSASP 323789	60.41 -1.05 0.00	49.89 -0.81 0.00	47.46 -0.72 0.00	48.63 -0.54 0.00	55.63 -0.11 0.00	55.41 0.00 0.00	56.46 0.34 0.00	60.28 1.01 0.00	62.36 1.04 0.00	61.39 0.31 0.00	56.79 0.06 0.00	56.19 0.06 0.00	58.88 0.06 0.00	62.80 0.00 0.00	64.76 -0.19 0.00	69.12 -0.41 0.00	76.57 -0.62 0.00	85.46 -0.95 0.00	80.01 -0.89 0.00	76.95 -0.08 0.00	73.88 0.07 0.00	63.49 0.57 0.00	58.51 1.04 0.00	55.34 1.03 0.00
W.BABYLN_69_KV_BK1 56697	104.39 7.13 -35.81	80.29 5.68 -23.91	69.00 5.30 -15.51	61.41 5.16 -7.08	62.85 5.35 -1.77	63.24 5.26 -2.57	64.70 5.56 -3.02	64.96 5.69 0.00	67.63 6.32 0.00	67.56 6.47 0.00	62.80 6.07 0.00	64.95 6.29 -2.53	76.60 6.59 -11.19	78.36 7.29 -8.27	79.68 7.73 -6.99	81.60 8.20 -3.87	89.56 8.57 -3.80	123.84 10.45 -26.98	122.28 9.71 -31.67	100.24 7.39 -15.81	81.20 7.38 -0.02	78.97 6.54 -9.50	63.62 6.15 0.00	59.52 5.21 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	72.32 3.87 -7.00	64.16 2.99 -10.47	60.30 2.89 -9.22	58.89 2.85 -6.87	60.35 2.90 -1.71	60.67 2.77 -2.49	62.09 3.03 -2.93	62.24 2.96 0.00	64.69 3.37 0.00	64.57 3.48 0.00	60.25 3.52 0.00	59.84 3.70 0.00	62.70 3.88 0.00	67.20 4.40 0.00	69.70 4.74 0.00	74.61 5.08 0.00	82.67 5.48 0.00	93.23 6.83 0.00	86.88 5.99 0.00	81.19 4.16 0.00	77.79 3.99 0.00	66.45 3.52 0.00	60.69 3.22 0.00	57.24 2.93 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	73.09 4.42 -7.22	64.99 3.50 -10.79	61.06 3.37 -9.51	59.54 3.29 -7.08	60.85 3.34 -1.77	61.13 3.16 -2.57	62.68 3.54 -3.02	62.89 3.62 0.00	65.43 4.11 0.00	65.42 4.34 0.00	61.10 4.37 0.00	60.80 4.66 0.00	63.70 4.88 0.00	68.14 5.34 0.00	70.61 5.65 0.00	75.37 5.84 0.00	83.44 6.25 0.00	94.27 7.86 0.00	87.61 6.71 0.00	81.57 4.54 0.00	78.08 4.28 0.00	66.96 4.03 0.00	61.32 3.85 0.00	57.89 3.58 0.00
W50THST__13_KV_LOAD 356117	73.40 4.73 -7.22	65.34 3.85 -10.79	61.40 3.71 -9.51	59.89 3.64 -7.08	61.24 3.73 -1.77	61.52 3.55 -2.57	63.07 3.93 -3.02	63.36 4.09 0.00	65.92 4.60 0.00	65.91 4.83 0.00	61.61 4.88 0.00	61.30 5.16 0.00	64.23 5.41 0.00	68.77 5.97 0.00	71.19 6.24 0.00	75.93 6.40 0.00	83.98 6.79 0.00	94.87 8.47 0.00	88.10 7.20 0.00	82.04 5.01 0.00	78.52 4.72 0.00	67.33 4.41 0.00	61.72 4.25 0.00	58.27 3.96 0.00
WADING RIVER_IC_1 23522	103.16 5.90 -35.81	79.38 4.76 -23.91	68.13 4.43 -15.51	60.39 4.13 -7.09	61.69 4.18 -1.78	62.14 4.16 -2.57	63.53 4.38 -3.03	63.78 4.50 -0.01	66.48 5.15 -0.01	66.47 5.38 -0.01	61.44 4.71 -0.01	63.77 5.11 -2.53	75.48 5.47 -11.19	77.16 6.09 -8.27	78.51 6.56 -6.99	80.51 7.10 -3.88	87.50 7.10 -3.21	109.03 8.99 -13.64	115.62 8.09 -26.63	90.96 6.16 -7.77	80.18 6.35 -0.03	77.84 5.41 -9.50	62.54 5.06 -0.01	58.38 4.07 0.00
WADING RIVER_IC_2 23547	103.16 5.90 -35.81	79.38 4.76 -23.91	68.13 4.43 -15.51	60.39 4.13 -7.09	61.69 4.18 -1.78	62.14 4.16 -2.57	63.53 4.38 -3.03	63.78 4.50 -0.01	66.48 5.15 -0.01	66.47 5.38 -0.01	61.44 4.71 -0.01	63.77 5.11 -2.53	75.48 5.47 -11.19	77.16 6.09 -8.27	78.51 6.56 -6.99	80.51 7.10 -3.88	87.50 7.10 -3.21	109.03 8.99 -13.64	115.62 8.09 -26.63	90.96 6.16 -7.77	80.18 6.35 -0.03	77.84 5.41 -9.50	62.54 5.06 -0.01	58.38 4.07 0.00
WADING RIVER_IC_3 23601	103.16 5.90 -35.81	79.38 4.76 -23.91	68.13 4.43 -15.51	60.39 4.13 -7.09	61.69 4.18 -1.78	62.14 4.16 -2.57	63.53 4.38 -3.03	63.78 4.50 -0.01	66.48 5.15 -0.01	66.47 5.38 -0.01	61.44 4.71 -0.01	63.77 5.11 -2.53	75.48 5.47 -11.19	77.16 6.09 -8.27	78.51 6.56 -6.99	80.51 7.10 -3.88	87.50 7.10 -3.21	109.03 8.99 -13.64	115.62 8.09 -26.63	90.96 6.16 -7.77	80.18 6.35 -0.03	77.84 5.41 -9.50	62.54 5.06 -0.01	58.38 4.07 0.00
WALDENNY_12_KV_BK2 80841	59.88 -2.83 -1.26	50.30 -2.28 -1.88	47.57 -2.26 -1.66	47.75 -2.66 -1.23	51.92 -4.12 -0.31	51.92 -3.93 -0.45	52.61 -4.04 -0.53	53.76 -5.51 0.00	55.74 -5.58 0.00	56.38 -4.70 0.00	53.55 -3.18 0.00	53.78 -2.36 0.00	57.06 -1.76 0.00	60.35 -2.45 0.00	62.43 -2.53 0.00	66.82 -2.71 0.00	75.72 -1.47 0.00	84.68 -1.73 0.00	79.77 -1.13 0.00	75.72 -1.31 0.00	71.96 -1.85 0.00	59.72 -3.21 0.00	55.00 -2.47 0.00	52.19 -2.12 0.00
WALDEN___HYDRO 24148	72.67 4.06 -7.16	64.55 3.14 -10.71	60.66 3.04 -9.44	59.15 2.95 -7.03	60.56 3.07 -1.75	60.89 2.94 -2.55	62.27 3.14 -3.00	62.30 3.02 0.00	64.69 3.37 0.00	64.51 3.42 0.00	60.02 3.29 0.00	59.50 3.37 0.00	62.35 3.53 0.00	66.82 4.02 0.00	69.38 4.42 0.00	74.33 4.80 0.00	82.36 5.17 0.00	92.97 6.57 0.00	86.72 5.82 0.00	81.27 4.24 0.00	77.93 4.13 0.00	66.52 3.59 0.00	60.69 3.22 0.00	57.18 2.88 0.00
WARRENSBURG____ 23737	95.22 3.63 -30.15	98.67 2.89 -45.09	90.61 2.70 -39.72	81.40 2.66 -29.57	66.07 2.95 -7.38	69.07 2.94 -10.72	71.73 2.97 -12.64	62.00 2.73 0.00	64.08 2.76 0.00	63.47 2.38 0.00	58.15 1.42 0.00	57.31 1.18 0.00	59.88 1.06 0.00	63.93 1.13 0.00	66.13 1.17 0.00	71.20 1.67 0.00	79.12 1.93 0.00	89.34 2.94 0.00	84.46 3.56 0.00	80.34 3.31 0.00	77.42 3.62 0.00	65.95 3.02 0.00	60.00 2.53 0.00	56.48 2.17 0.00
WATERSIDE____6 8 9 23538	70.57 3.87 -5.25	64.48 2.99 -10.79	60.82 3.13 -9.51	59.40 3.15 -7.08	60.46 2.95 -1.77	60.58 2.60 -2.57	62.12 2.97 -3.02	62.30 3.02 0.00	64.69 3.37 0.00	64.69 3.60 0.00	61.10 4.37 0.00	60.85 4.72 0.00	63.52 4.71 0.00	67.51 4.71 0.00	69.89 4.94 0.00	72.89 5.08 1.72	80.36 5.33 2.16	91.04 6.83 2.19	83.98 5.74 2.67	66.84 3.70 13.89	66.32 3.54 11.02	66.39 3.46 0.00	61.14 3.68 0.00	58.11 3.80 0.00
WATKINRD_115KV_LN8_ILLION 55919	61.94 0.49 0.00	51.10 0.41 0.00	48.57 0.39 0.00	49.61 0.44 0.00	56.24 0.50 0.00	56.02 0.61 0.00	56.85 0.73 0.00	59.93 0.65 0.00	62.05 0.74 0.00	61.82 0.73 0.00	57.41 0.68 0.00	56.81 0.67 0.00	59.47 0.65 0.00	63.49 0.69 0.00	65.67 0.71 0.00	70.30 0.76 0.00	78.12 0.93 0.00	87.61 1.21 0.00	81.95 1.05 0.00	77.88 0.85 0.00	74.69 0.89 0.00	63.75 0.82 0.00	58.22 0.75 0.00	55.01 0.71 0.00

WDELAWARE___HYD 323627	72.76 4.30 -7.01	64.47 3.29 -10.48	60.50 3.09 -9.23	59.10 3.05 -6.87	60.63 3.18 -1.72	60.95 3.05 -2.49	62.31 3.25 -2.94	62.41 3.14 0.00	64.75 3.43 0.00	64.56 3.48 0.00	60.02 3.29 0.00	59.56 3.42 0.00	62.41 3.59 0.00	66.83 4.02 0.00	69.03 4.48 0.41	73.93 4.94 0.54	82.07 5.63 0.75	93.57 7.17 0.00	87.37 6.47 0.00	82.19 5.16 0.00	78.60 4.79 0.00	66.90 3.97 0.00	61.03 3.56 0.00	57.40 3.09 0.00
WEST BABYLON___IC 23714	104.39 7.13 -35.81	80.29 5.68 -23.91	69.00 5.30 -15.51	61.41 5.16 -7.08	62.85 5.35 -1.77	63.24 5.26 -2.57	64.70 5.56 -3.02	64.96 5.69 0.00	67.63 6.32 0.00	67.56 6.47 0.00	62.80 6.07 0.00	64.95 6.29 -2.53	76.60 6.59 -11.19	78.36 7.29 -8.27	79.68 7.73 -6.99	81.60 8.20 -3.87	89.56 8.57 -3.80	123.84 10.45 -26.98	122.28 9.71 -31.67	100.24 7.39 -15.81	81.20 7.38 -0.02	78.97 6.54 -9.50	63.62 6.15 0.00	59.52 5.21 0.00
WEST CANADA___HYD 24049	61.94 0.49 0.00	51.10 0.40 0.00	48.57 0.38 0.00	49.56 0.39 0.00	56.13 0.39 0.00	55.85 0.44 0.00	56.57 0.45 0.00	59.57 0.30 0.00	61.69 0.37 0.00	61.45 0.37 0.00	57.02 0.29 0.00	56.42 0.28 0.00	59.06 0.24 0.00	63.05 0.25 0.00	65.22 0.26 0.00	69.88 0.35 0.00	77.58 0.39 0.00	87.01 0.61 0.00	81.47 0.57 0.00	77.42 0.39 0.00	74.17 0.37 0.00	63.25 0.32 0.00	57.76 0.29 0.00	54.52 0.22 0.00
WESTERN_NY_WIND 24143	60.62 -1.90 -1.07	50.78 -1.52 -1.60	48.00 -1.59 -1.41	48.21 -2.02 -1.05	52.65 -3.34 -0.26	52.63 -3.16 -0.38	53.32 -3.26 -0.45	54.71 -4.56 0.00	56.60 -4.72 0.00	57.11 -3.97 0.00	53.89 -2.84 0.00	54.06 -2.08 0.00	57.23 -1.59 0.00	60.48 -2.32 0.00	62.56 -2.40 0.00	66.89 -2.64 0.00	75.72 -1.47 0.00	85.11 -1.30 0.00	80.01 -0.89 0.00	76.41 -0.62 0.00	72.77 -1.03 0.00	60.54 -2.39 0.00	55.75 -1.72 0.00	52.73 -1.57 0.00
WESTOVER___LESR 323668	64.11 0.00 -2.66	54.67 0.00 -3.97	51.64 -0.05 -3.50	51.63 -0.15 -2.61	55.89 -0.50 -0.65	55.91 -0.44 -0.95	56.84 -0.39 -1.11	58.33 -0.95 0.00	60.34 -0.98 0.00	60.35 -0.73 0.00	56.45 -2.72 0.00	56.02 -0.11 0.00	58.88 0.06 0.00	62.87 0.06 0.00	65.09 0.13 0.00	69.67 0.14 0.00	77.96 0.77 0.00	87.53 1.12 0.00	82.11 1.21 0.00	77.95 0.92 0.00	74.54 0.74 0.00	62.93 0.00 0.00	57.47 0.00 0.00	54.25 -0.05 0.00
WETHRSFD_WT_PWR 323626	59.94 -2.95 -1.44	50.56 -2.28 -2.15	47.86 -2.22 -1.89	48.12 -2.46 -1.41	52.41 -3.68 -0.35	52.43 -3.49 -0.51	53.19 -3.53 -0.60	54.41 -4.86 0.00	56.29 -5.03 0.00	56.63 -4.46 0.00	54.01 -2.72 0.00	53.44 -2.69 0.00	56.58 -2.24 0.00	60.17 -2.64 0.00	62.10 -2.86 0.00	66.48 -3.06 0.00	75.34 -1.85 0.00	84.25 -2.16 0.00	79.52 -1.38 0.00	76.33 -0.69 0.00	72.40 -1.40 0.00	60.85 -2.08 0.00	55.63 -1.84 0.00	53.11 -1.19 0.00
WHAVSTOR_138KV_BK127 55557	72.09 3.63 -7.01	63.97 2.79 -10.49	60.12 2.70 -9.24	58.71 2.66 -6.88	60.13 2.68 -1.72	60.45 2.55 -2.49	61.87 2.81 -2.94	62.00 2.73 0.00	64.38 3.07 0.00	64.32 3.24 0.00	60.02 3.29 0.00	59.56 3.42 0.00	62.41 3.59 0.00	66.95 4.14 0.00	69.38 4.42 0.00	74.26 4.73 0.00	82.21 5.02 0.00	92.80 6.39 0.00	86.40 5.50 0.00	80.80 3.77 0.00	77.42 3.62 0.00	66.14 3.21 0.00	60.46 2.99 0.00	57.18 2.88 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	72.09 3.63 -7.01	63.97 2.79 -10.49	60.12 2.70 -9.24	58.71 2.66 -6.88	60.13 2.68 -1.72	60.45 2.55 -2.49	61.87 2.81 -2.94	62.00 2.73 0.00	64.38 3.07 0.00	64.32 3.24 0.00	60.02 3.29 0.00	59.56 3.42 0.00	62.41 3.59 0.00	66.95 4.14 0.00	69.38 4.42 0.00	74.26 4.73 0.00	82.21 5.02 0.00	92.80 6.39 0.00	86.40 5.50 0.00	80.80 3.77 0.00	77.42 3.62 0.00	66.14 3.21 0.00	60.46 2.99 0.00	57.18 2.88 0.00
WHITEHAL_115KV_TB1 80871	95.43 4.06 -29.92	98.59 3.14 -44.75	90.50 2.89 -39.43	81.37 2.85 -29.35	66.24 3.18 -7.33	69.26 3.21 -10.64	71.86 3.20 -12.54	62.18 2.90 0.00	64.20 2.88 0.00	63.41 2.32 0.00	58.09 1.36 0.00	57.31 1.18 0.00	59.82 1.00 0.00	63.93 1.13 0.00	66.06 1.10 0.00	71.20 1.67 0.00	79.20 2.01 0.00	89.60 3.20 0.00	84.62 3.72 0.00	80.73 3.70 0.00	77.86 4.06 0.00	66.20 3.27 0.00	60.23 2.76 0.00	56.59 2.28 0.00
WHITEPLN_13_KV_LOAD 356215	73.70 5.04 -7.21	65.48 4.01 -10.78	61.48 3.81 -9.50	59.98 3.74 -7.07	61.35 3.85 -1.76	61.68 3.71 -2.56	63.18 4.04 -3.02	63.36 4.09 0.00	65.86 4.54 0.00	65.73 4.64 0.00	61.27 4.54 0.00	60.80 4.66 0.00	63.76 4.94 0.00	68.27 5.46 0.00	70.87 5.91 0.00	75.79 6.26 0.00	83.98 6.79 0.00	94.87 8.47 0.00	88.26 7.36 0.00	82.34 5.32 0.00	78.89 5.09 0.00	67.46 4.53 0.00	61.66 4.20 0.00	58.16 3.86 0.00
WM_FLOYD_69_KV_BK2 356380	103.77 6.51 -35.81	79.89 5.27 -23.91	68.61 4.91 -15.51	60.87 4.62 -7.08	62.24 4.74 -1.77	62.69 4.71 -2.57	64.09 4.94 -3.02	64.37 5.10 0.00	67.08 5.76 0.00	67.01 5.93 0.00	62.06 5.33 0.00	64.28 5.61 -2.53	75.89 5.88 -11.19	77.67 6.59 -8.27	79.03 7.08 -6.99	80.99 7.58 -3.88	88.49 7.64 -3.66	110.90 9.42 -15.08	120.03 8.90 -30.23	92.09 6.62 -8.44	80.77 6.94 -0.03	78.47 6.04 -9.50	63.10 5.63 0.00	58.87 4.56 0.00
WOODARD__115KV_TB2 355635	60.59 -0.86 0.00	49.99 -0.71 0.00	47.46 -0.72 0.00	48.29 -0.89 0.00	54.51 -1.23 0.00	54.25 -1.16 0.00	55.00 -1.12 0.00	57.91 -1.36 0.00	59.91 -1.41 0.00	59.80 -1.28 0.00	55.71 -1.02 0.00	55.18 -0.95 0.00	57.88 -0.94 0.00	61.80 -1.00 0.00	63.85 -1.10 0.00	68.35 -1.18 0.00	76.26 -0.93 0.00	85.54 -0.86 0.00	80.25 -0.65 0.00	76.26 -0.77 0.00	72.99 -0.81 0.00	61.98 -0.94 0.00	56.61 -0.86 0.00	53.44 -0.87 0.00
WOODMERE_69_KV_BK1 55827	103.71 6.45 -35.81	79.68 5.07 -23.91	68.47 4.77 -15.51	61.02 4.77 -7.08	62.52 5.02 -1.77	62.80 4.82 -2.57	64.20 5.05 -3.02	64.43 5.16 0.00	66.90 5.58 0.00	66.89 5.80 0.00	62.46 5.73 0.00	64.56 5.89 -2.53	76.24 6.23 -11.19	77.92 6.85 -8.27	79.22 7.28 -6.99	81.05 7.65 -3.87	85.69 8.49 0.00	164.43 10.37 -67.65	134.50 9.22 -44.38	151.68 7.16 -67.48	80.53 6.72 -0.02	78.40 5.98 -9.50	63.10 5.63 0.00	59.25 4.94 0.00
YORK___WARBASSE 23770	72.98 4.30 -7.22	64.79 3.30 -10.80	61.02 3.32 -9.51	59.54 3.29 -7.08	60.62 3.12 -1.77	60.69 2.72 -2.57	62.18 3.03 -3.02	62.36 3.08 0.00	64.81 3.50 0.00	64.81 3.73 0.00	61.27 4.54 0.00	61.19 5.05 0.00	63.95 5.12 -0.01	67.96 5.15 -0.01	70.36 5.39 -0.01	75.10 5.56 -0.01	83.06 5.87 -0.01	93.93 7.52 -0.01	87.30 6.39 -0.01	81.34 4.31 0.01	77.85 4.06 0.01	66.84 3.90 -0.01	61.56 4.08 -0.01	58.49 4.18 0.00