

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								07/09/2025		
Generator Data																												
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	55.16	50.17	47.62	45.78	46.27	49.51	52.53	54.12	56.21	57.13	55.91	60.57	60.99	65.73	68.27	70.34	78.03	92.49	87.49	84.94	76.54	67.09	59.44	55.05			
		3.90	3.80	3.40	3.15	3.11	3.45	3.71	3.82	3.87	3.94	4.24	4.32	4.41	4.74	5.06	5.69	6.31	7.71	7.08	5.33	4.54	3.56	3.36	3.60			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	0.00	-0.18	-0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1	24260	55.16	50.22	47.67	45.83	46.31	49.51	52.53	54.07	56.11	57.02	55.85	60.46	60.83	65.61	68.14	70.22	77.88	92.32	87.41	84.94	76.61	67.16	59.50	55.11			
		3.90	3.85	3.45	3.20	3.15	3.45	3.71	3.77	3.77	3.83	4.19	4.21	4.24	4.62	4.94	5.56	6.17	7.55	7.00	5.33	4.61	3.62	3.42	3.65			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	0.00	-0.18	-0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2	24261	55.16	50.22	47.67	45.83	46.31	49.51	52.53	54.07	56.11	57.02	55.85	60.46	60.83	65.61	68.14	70.22	77.88	92.32	87.41	84.94	76.61	67.16	59.50	55.11			
		3.90	3.85	3.45	3.20	3.15	3.45	3.71	3.77	3.77	3.83	4.19	4.21	4.24	4.62	4.94	5.56	6.17	7.55	7.00	5.33	4.61	3.62	3.42	3.65			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	0.00	-0.18	-0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS	24011	55.05	49.66	47.27	45.57	46.18	49.42	52.33	53.76	55.90	56.54	54.30	58.94	59.35	63.26	64.56	68.15	75.80	90.46	87.01	85.49	77.55	68.56	59.89	55.11			
		3.79	3.29	3.05	2.94	3.02	3.36	3.51	3.47	3.56	3.35	2.64	2.92	2.77	2.61	2.75	3.49	4.09	5.68	6.59	5.89	5.54	5.02	3.81	3.65			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.16	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY	23798	55.11	49.71	47.31	45.57	46.23	49.47	52.38	53.87	55.95	56.60	54.30	58.94	59.35	63.26	64.51	68.34	75.95	90.71	87.17	85.73	77.76	68.81	60.06	55.11			
		3.85	3.34	3.09	2.94	3.06	3.41	3.56	3.57	3.61	3.41	2.63	2.92	2.77	2.61	2.68	3.68	4.23	5.93	6.76	6.13	5.76	5.27	3.98	3.65			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.16	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS	24028	55.05	49.66	47.27	45.57	46.18	49.42	52.33	53.76	55.90	56.54	54.30	58.94	59.35	63.26	64.56	68.15	75.80	90.46	87.01	85.49	77.55	68.56	59.89	55.11			
		3.79	3.29	3.05	2.94	3.02	3.36	3.51	3.47	3.56	3.35	2.64	2.92	2.77	2.61	2.75	3.49	4.09	5.68	6.59	5.89	5.54	5.02	3.81	3.65			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.16	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM	23527	53.77	48.73	46.43	44.72	45.28	48.40	51.21	52.61	54.64	55.37	53.68	57.79	58.56	62.51	63.19	67.63	74.95	89.44	85.24	83.02	75.31	65.95	57.82	53.41			
		2.51	2.36	2.21	2.09	2.11	2.35	2.39	2.31	2.30	2.18	2.01	1.91	1.98	2.07	2.19	2.98	3.23	4.66	4.82	3.42	3.31	2.41	1.74	1.95			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.37	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP	24190	52.03	47.11	44.97	43.40	43.90	46.89	49.55	50.85	52.86	53.62	52.08	56.37	56.69	60.61	61.93	65.04	72.22	85.71	81.54	79.92	72.29	63.60	55.91	51.61			
		0.77	0.74	0.75	0.77	0.73	0.83	0.73	0.55	0.52	0.43	0.41	0.34	0.11	-0.06	0.00	0.39	0.50	0.93	1.13	0.32	0.29	0.06	-0.17	0.15			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.14	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK	355683	50.70	46.09	44.00	42.42	42.95	45.78	48.52	50.19	52.34	53.14	51.67	55.90	56.47	60.62	62.16	63.88	70.64	83.00	78.33	78.41	71.21	62.96	56.02	51.20			
		-0.56	-0.28	-0.22	-0.21	-0.22	-0.28	-0.29	-0.10	0.00	-0.05	0.00	-0.22	-0.11	-0.18	-0.31	-0.78	-1.08	-1.78	-2.09	-1.19	-0.79	-0.57	-0.06	-0.26			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	53.10	48.09	45.86	44.25	44.80	47.81	50.38	51.65	53.60	54.25	52.60	57.08	57.09	54.04	55.10	57.33	62.38	85.44	81.29	79.84	72.29	63.86	56.13	51.66			
		1.84	1.72	1.64	1.62	1.64	1.75	1.56	1.36	1.25	1.06	0.93	1.01	0.51	-0.49	-0.43	0.13	0.07	0.68	0.89	0.24	0.29	0.32	0.06	0.21			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	6.27	6.93	7.45	9.41	0.02	0.02	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR	323834	53.10	48.04	45.86	44.25	44.80	47.81	50.38	51.65	53.55	54.25	52.60	57.08	57.09	54.05	55.11	57.34	62.39	85.44	81.20	79.76	72.29	63.79	56.08	51.66			
		1.84	1.67	1.64	1.62	1.64	1.75	1.56	1.36	1.20	1.06	0.93	1.01	0.51	-0.49	-0.43	0.13	0.07	0.68	0.80	0.16	0.29	0.26	0.00	0.21			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	6.27	6.93	7.45	9.40	0.02	0.02	0.00	0.00	0.00	0.00	0.00			
ALBANY___1	23571	52.03	47.11	44.97	43.40	43.90	46.89	49.55	50.85	52.86	53.62	52.08	56.37	56.69	60.61	61.93	65.04	72.22	85.71	81.54	79.92	72.29	63.60	55.91	51.61			
		0.77	0.74	0.75	0.77	0.73	0.83	0.73	0.55	0.52	0.43	0.41	0.34	0.11	-0.06	0.00	0.39	0.50	0.93	1.13	0.32	0.29	0.06	-0.17	0.15			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.14	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	52.03 0.77 0.00	47.11 0.74 0.00	44.97 0.75 0.00	43.40 0.77 0.00	43.90 0.73 0.00	46.89 0.83 0.00	49.55 0.73 0.00	50.85 0.55 0.00	52.86 0.52 0.00	53.62 0.43 0.00	52.08 0.41 0.00	56.37 0.34 0.09	56.69 0.11 0.00	60.61 -0.06 0.14	61.93 0.00 0.54	65.04 0.39 0.00	72.22 0.50 0.00	85.71 0.93 0.00	81.54 1.13 0.00	79.92 0.32 0.00	72.29 0.29 0.00	63.60 0.06 0.00	55.91 -0.17 0.00	51.61 0.15 0.00
ALBANY___3 23573	52.03 0.77 0.00	47.11 0.74 0.00	44.97 0.75 0.00	43.40 0.77 0.00	43.90 0.73 0.00	46.89 0.83 0.00	49.55 0.73 0.00	50.85 0.55 0.00	52.86 0.52 0.00	53.62 0.43 0.00	52.08 0.41 0.00	56.37 0.34 0.09	56.69 0.11 0.00	60.61 -0.06 0.14	61.93 0.00 0.54	65.04 0.39 0.00	72.22 0.50 0.00	85.71 0.93 0.00	81.54 1.13 0.00	79.92 0.32 0.00	72.29 0.29 0.00	63.60 0.06 0.00	55.91 -0.17 0.00	51.61 0.15 0.00
ALBANY___4 23574	52.03 0.77 0.00	47.11 0.74 0.00	44.97 0.75 0.00	43.40 0.77 0.00	43.90 0.73 0.00	46.89 0.83 0.00	49.55 0.73 0.00	50.85 0.55 0.00	52.86 0.52 0.00	53.62 0.43 0.00	52.08 0.41 0.00	56.37 0.34 0.09	56.69 0.11 0.00	60.61 -0.06 0.14	61.93 0.00 0.54	65.04 0.39 0.00	72.22 0.50 0.00	85.71 0.93 0.00	81.54 1.13 0.00	79.92 0.32 0.00	72.29 0.29 0.00	63.60 0.06 0.00	55.91 -0.17 0.00	51.61 0.15 0.00
ALBANY___LFGE 323615	52.65 1.38 0.00	47.67 1.30 0.00	45.41 1.19 0.00	43.82 1.19 0.00	44.37 1.21 0.00	47.39 1.34 0.00	50.04 1.22 0.00	51.45 1.16 0.00	53.49 1.15 0.00	54.25 1.06 0.00	52.70 1.03 0.00	57.04 1.01 0.10	57.37 0.79 0.00	61.33 0.67 0.15	62.63 0.75 0.59	66.08 1.42 0.00	73.22 1.51 0.00	87.07 2.29 0.00	82.67 2.25 0.00	80.95 1.35 0.00	73.22 1.22 0.00	64.55 1.01 0.00	56.70 0.62 0.00	52.17 0.72 0.00
ALCOA_PA_115KV_PL-6C 55860	50.90 -0.36 0.00	46.28 -0.09 0.00	44.22 0.00 0.00	42.59 -0.04 0.00	43.16 0.00 0.00	46.01 -0.05 0.00	48.77 -0.05 0.00	50.55 0.25 0.00	52.66 0.31 0.00	53.40 0.21 0.00	51.93 0.26 0.00	56.07 -0.06 0.00	56.69 0.11 0.00	60.87 0.06 0.00	62.28 -0.19 0.00	63.94 -0.71 0.00	70.71 -1.00 0.00	83.17 -1.61 0.00	78.49 -1.93 0.00	78.65 -0.96 0.00	71.50 -0.50 0.00	63.22 -0.32 0.00	56.36 0.28 0.00	51.50 0.05 0.00
ALCOA_RYNLDS___DRP 24188	50.90 -0.36 0.00	46.28 -0.09 0.00	44.22 0.00 0.00	42.59 -0.04 0.00	43.16 0.00 0.00	46.01 -0.05 0.00	48.77 -0.05 0.00	50.55 0.25 0.00	52.66 0.31 0.00	53.40 0.21 0.00	51.93 0.26 0.00	56.07 -0.06 0.00	56.69 0.11 0.00	60.87 0.06 0.00	62.28 -0.19 0.00	63.94 -0.71 0.00	70.71 -1.00 0.00	83.17 -1.61 0.00	78.49 -1.93 0.00	78.65 -0.96 0.00	71.50 -0.50 0.00	63.22 -0.32 0.00	56.36 0.28 0.00	51.50 0.05 0.00
ALCOA___DSASP 323711	51.01 -0.26 0.00	46.28 -0.09 0.00	44.22 0.00 0.00	42.59 -0.04 0.00	43.16 0.00 0.00	46.01 -0.05 0.00	48.77 -0.05 0.00	50.55 0.25 0.00	52.66 0.32 0.00	53.40 0.21 0.00	51.88 0.21 0.00	56.07 -0.06 0.00	56.64 0.06 0.00	60.87 0.06 0.00	62.28 -0.19 0.00	63.75 -0.91 0.00	70.71 -1.00 0.00	82.15 -2.63 0.00	78.49 -1.93 0.00	78.73 -0.87 0.00	71.50 -0.50 0.00	63.22 -0.32 0.00	56.36 0.28 0.00	51.56 0.10 0.00
ALLEGHENY___COGEN 23514	54.13 2.87 0.00	47.81 1.44 0.00	45.33 1.11 0.00	43.40 0.77 0.00	44.03 0.86 0.00	47.03 0.97 0.00	50.28 1.46 0.00	50.60 0.30 0.00	52.13 -0.21 0.00	52.61 -0.58 0.00	51.00 -0.67 0.00	56.41 0.28 0.00	57.60 1.02 0.00	62.14 1.34 0.00	64.03 1.56 0.00	66.79 2.13 0.00	74.73 3.01 0.00	90.96 6.19 0.00	87.66 7.24 0.00	87.48 7.88 0.00	78.70 6.70 0.00	69.51 5.97 0.00	60.12 4.04 0.00	55.16 3.71 0.00
ALTAMONT_115KV_TB 2 55880	52.64 1.38 0.00	47.67 1.30 0.00	45.46 1.24 0.00	43.91 1.28 0.00	44.41 1.25 0.00	47.39 1.34 0.00	50.08 1.27 0.00	51.45 1.16 0.00	53.44 1.10 0.00	54.25 1.06 0.00	52.65 0.98 0.00	57.08 1.01 0.06	57.43 0.85 0.00	61.86 0.79 -0.27	63.31 0.81 -0.03	66.31 1.23 -0.43	73.69 1.43 -0.54	86.90 2.12 0.00	82.67 2.25 0.00	81.03 1.43 0.00	73.37 1.37 0.00	64.55 1.02 0.00	56.75 0.67 0.00	52.38 0.93 0.00
ALTONA_WT_PWR 323606	50.75 -0.51 0.00	46.05 -0.32 0.00	43.96 -0.26 0.00	42.33 -0.30 0.00	42.91 -0.26 0.00	45.74 -0.32 0.00	48.52 -0.29 0.00	49.79 -0.50 0.00	51.61 -0.73 0.00	52.39 -0.80 0.00	51.10 -0.57 0.00	55.12 -1.01 0.00	55.62 -0.96 0.00	59.47 -1.34 0.00	60.97 -1.50 0.00	62.46 -2.20 0.00	69.35 -2.36 0.00	81.14 -3.64 0.00	76.96 -3.46 0.00	77.05 -2.55 0.00	69.99 -2.02 0.00	61.69 -1.84 0.00	55.12 -0.95 0.00	50.94 -0.51 0.00
AMERICAN_REF_FUEL 24010	50.34 -0.92 0.00	44.15 -2.22 0.00	41.87 -2.34 0.00	39.69 -2.94 0.00	40.27 -2.89 0.00	43.29 -2.76 0.00	46.08 -2.73 0.00	46.17 -4.12 0.00	48.26 -4.08 0.00	49.25 -3.94 0.00	48.36 -3.31 0.00	53.43 -2.69 0.00	54.94 -1.64 0.00	59.29 -1.52 0.00	61.15 -1.31 0.00	63.29 -1.36 0.00	70.50 -1.22 0.00	84.53 -0.25 0.00	80.42 0.00 0.00	78.96 -0.64 0.00	70.63 -1.37 0.00	62.33 -1.21 0.00	54.34 -1.74 0.00	50.68 -0.77 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	51.93 0.66 0.00	45.49 -0.88 0.00	43.12 -1.10 0.00	41.18 -1.45 0.00	41.91 -1.25 0.00	44.77 -1.29 0.00	47.99 -0.83 0.00	48.53 -1.76 0.00	51.14 -1.20 0.00	52.13 -1.06 0.00	51.15 -0.52 0.00	56.63 0.50 0.00	57.88 1.30 0.00	62.63 1.82 0.00	64.97 2.50 0.00	67.24 2.59 0.00	75.02 3.30 0.00	89.95 5.17 0.00	85.64 5.22 0.00	83.98 4.38 0.00	75.09 3.09 0.00	66.08 2.54 0.00	56.97 0.89 0.00	52.95 1.49 0.00
ARTHUR KILL_GT_1 23520	54.64 3.38 0.00	50.50 4.13 0.00	47.85 3.63 0.00	46.04 3.41 0.00	46.40 3.24 0.00	49.65 3.59 0.00	52.23 3.42 0.00	53.31 3.02 0.00	54.25 2.56 0.65	54.35 2.71 1.55	55.08 3.41 0.00	55.61 3.03 3.55	56.33 3.06 3.30	58.32 3.34 5.83	63.76 3.75 2.46	66.39 4.40 2.66	72.20 4.88 4.39	84.46 6.02 6.34	76.46 5.63 9.59	65.43 4.06 18.23	61.44 3.46 14.02	56.81 2.67 9.40	58.94 2.86 0.00	54.90 3.45 0.00
ARTHUR_KILL_2 23512	54.23 2.97 0.00	50.27 3.90 -0.01	47.68 3.45 -0.01	45.88 3.24 -0.01	46.23 3.06 0.00	49.47 3.41 0.00	52.09 3.27 0.00	53.21 2.92 0.00	54.04 2.36 0.65	54.14 2.50 1.55	54.87 3.20 0.00	55.27 2.69 3.55	56.05 2.77 3.30	58.07 3.10 5.84	63.43 3.43 2.47	66.39 4.40 2.66	71.77 4.45 4.39	84.21 5.77 6.34	76.05 5.22 9.59	64.95 3.59 18.23	61.08 3.09 14.02	56.81 2.67 9.40	58.99 2.91 0.00	54.54 3.09 0.00
ARTHUR_KILL_3 23513	54.38 3.13 0.01	49.62 3.24 0.00	47.09 2.87 0.00	45.27 2.64 0.00	45.70 2.55 0.01	48.91 2.86 0.01	51.89 3.08 0.00	53.41 3.12 0.00	54.73 3.03 0.65	54.73 3.08 1.54	55.07 3.41 0.01	55.77 3.20 3.55	56.55 3.28 3.31	58.54 3.59 5.85	63.80 3.81 2.48	66.77 4.78 2.67	72.20 4.88 4.40	84.70 6.27 6.35	76.45 5.63 9.60	65.26 3.90 18.24	61.29 3.31 14.02	56.80 2.67 9.40	58.76 2.69 0.01	54.28 2.83 0.00

ARTHUR_KILL_COGEN 323718	54.44 3.18 0.00	50.46 4.08 -0.01	47.85 3.63 -0.01	46.05 3.41 -0.01	46.40 3.24 0.00	49.65 3.59 0.00	52.28 3.47 0.00	53.41 3.12 0.00	54.25 2.56 0.65	54.35 2.71 1.55	55.08 3.41 0.00	55.50 2.92 3.55	56.27 3.00 3.30	58.31 3.34 5.84	63.75 3.75 2.47	66.71 4.72 2.66	72.13 4.81 4.39	84.62 6.19 6.34	76.46 5.63 9.59	65.35 3.98 18.23	61.44 3.46 14.02	57.13 2.99 9.40	59.27 3.19 0.00	54.75 3.30 0.00
ASHOKAN____ 23654	54.03 2.77 0.00	48.92 2.55 0.00	46.56 2.34 0.00	44.76 2.13 0.00	45.28 2.11 0.00	48.36 2.30 0.00	50.91 2.10 0.00	52.25 1.96 0.00	53.97 1.62 0.00	54.57 1.38 0.00	53.01 1.34 0.00	59.27 3.14 0.00	57.54 0.96 0.00	58.50 3.46 5.77	59.89 3.56 6.13	62.36 4.66 6.95	68.25 5.31 8.77	91.72 6.95 0.02	85.06 4.66 0.02	83.19 3.59 0.00	74.95 2.95 0.00	66.27 2.73 0.00	58.49 2.41 0.00	53.92 2.47 0.00
ASTORIA_EAST_ENERGY_CC1 323581	54.65 3.38 -0.01	50.18 3.80 -0.01	47.63 3.41 -0.01	45.84 3.20 -0.01	46.24 3.06 -0.01	49.56 3.50 -0.01	52.44 3.61 -0.01	53.66 3.37 0.00	55.43 3.09 0.00	56.49 3.30 0.00	55.59 3.92 0.00	59.39 3.14 -0.12	59.80 3.22 0.00	64.63 3.65 -0.18	67.14 3.94 -0.73	69.43 4.78 0.01	76.65 4.94 0.01	91.13 6.36 0.01	86.12 5.71 0.01	83.65 4.06 0.01	75.45 3.46 0.01	66.39 2.86 0.01	59.11 3.03 -0.01	54.76 3.30 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	54.65 3.38 -0.01	50.18 3.80 -0.01	47.63 3.41 -0.01	45.84 3.20 -0.01	46.24 3.06 -0.01	49.56 3.50 -0.01	52.44 3.61 -0.01	53.66 3.37 0.00	55.43 3.09 0.00	56.49 3.30 0.00	55.59 3.92 0.00	59.39 3.14 -0.12	59.80 3.22 0.00	64.63 3.65 -0.18	67.14 3.94 -0.73	69.43 4.78 0.01	76.65 4.94 0.01	91.13 6.36 0.01	86.12 5.71 0.01	83.65 4.06 0.01	75.45 3.46 0.01	66.39 2.86 0.01	59.11 3.03 -0.01	54.76 3.30 -0.01
ASTORIA_GT2_1 24094	54.81 3.54 -0.01	50.17 3.80 0.00	47.62 3.40 0.00	45.83 3.20 0.00	46.28 3.11 -0.01	49.61 3.55 -0.01	52.39 3.56 -0.01	53.66 3.37 0.00	55.48 3.14 0.00	56.43 3.24 0.00	55.60 3.93 0.00	59.56 3.31 -0.12	59.92 3.34 0.00	64.64 3.65 -0.18	67.20 4.00 -0.74	69.11 4.46 0.01	76.73 5.02 0.01	91.04 6.27 0.01	86.12 5.71 0.01	83.73 4.14 0.01	75.52 3.53 0.01	66.32 2.80 0.01	59.00 2.92 -0.01	54.91 3.45 -0.01
ASTORIA_GT2_2 24095	54.81 3.54 -0.01	50.17 3.80 0.00	47.62 3.40 0.00	45.83 3.20 0.00	46.28 3.11 -0.01	49.61 3.55 -0.01	52.39 3.56 -0.01	53.66 3.37 0.00	55.48 3.14 0.00	56.43 3.24 0.00	55.60 3.93 0.00	59.56 3.31 -0.12	59.92 3.34 0.00	64.64 3.65 -0.18	67.20 4.00 -0.74	69.11 4.46 0.01	76.73 5.02 0.01	91.04 6.27 0.01	86.12 5.71 0.01	83.73 4.14 0.01	75.52 3.53 0.01	66.32 2.80 0.01	59.00 2.92 -0.01	54.91 3.45 -0.01
ASTORIA_GT2_3 24096	54.81 3.54 -0.01	50.17 3.80 0.00	47.62 3.40 0.00	45.83 3.20 0.00	46.28 3.11 -0.01	49.61 3.55 -0.01	52.39 3.56 -0.01	53.66 3.37 0.00	55.48 3.14 0.00	56.43 3.24 0.00	55.60 3.93 0.00	59.56 3.31 -0.12	59.92 3.34 0.00	64.64 3.65 -0.18	67.20 4.00 -0.74	69.11 4.46 0.01	76.73 5.02 0.01	91.04 6.27 0.01	86.12 5.71 0.01	83.73 4.14 0.01	75.52 3.53 0.01	66.32 2.80 0.01	59.00 2.92 -0.01	54.91 3.45 -0.01
ASTORIA_GT2_4 24097	54.81 3.54 -0.01	50.17 3.80 0.00	47.62 3.40 0.00	45.83 3.20 0.00	46.28 3.11 -0.01	49.61 3.55 -0.01	52.39 3.56 -0.01	53.66 3.37 0.00	55.48 3.14 0.00	56.43 3.24 0.00	55.60 3.93 0.00	59.56 3.31 -0.12	59.92 3.34 0.00	64.64 3.65 -0.18	67.20 4.00 -0.74	69.11 4.46 0.01	76.73 5.02 0.01	91.04 6.27 0.01	86.12 5.71 0.01	83.73 4.14 0.01	75.52 3.53 0.01	66.32 2.80 0.01	59.00 2.92 -0.01	54.91 3.45 -0.01
ASTORIA_GT3_1 24098	54.81 3.54 -0.01	50.17 3.80 0.00	47.62 3.40 0.00	45.83 3.20 0.00	46.28 3.11 -0.01	49.61 3.55 -0.01	52.39 3.56 -0.01	53.66 3.37 0.00	55.48 3.14 0.00	56.43 3.24 0.00	55.60 3.93 0.00	59.56 3.31 -0.12	59.92 3.34 0.00	64.64 3.65 -0.18	67.20 4.00 -0.74	69.11 4.46 0.01	76.73 5.02 0.01	91.04 6.27 0.01	86.12 5.71 0.01	83.73 4.14 0.01	75.52 3.53 0.01	66.32 2.80 0.01	59.00 2.92 -0.01	54.91 3.45 -0.01
ASTORIA_GT3_2 24099	54.81 3.54 -0.01	50.17 3.80 0.00	47.62 3.40 0.00	45.83 3.20 0.00	46.28 3.11 -0.01	49.61 3.55 -0.01	52.39 3.56 -0.01	53.66 3.37 0.00	55.48 3.14 0.00	56.43 3.24 0.00	55.60 3.93 0.00	59.56 3.31 -0.12	59.92 3.34 0.00	64.64 3.65 -0.18	67.20 4.00 -0.74	69.11 4.46 0.01	76.73 5.02 0.01	91.04 6.27 0.01	86.12 5.71 0.01	83.73 4.14 0.01	75.52 3.53 0.01	66.32 2.80 0.01	59.00 2.92 -0.01	54.91 3.45 -0.01
ASTORIA_GT3_3 24100	54.81 3.54 -0.01	50.17 3.80 0.00	47.62 3.40 0.00	45.83 3.20 0.00	46.28 3.11 -0.01	49.61 3.55 -0.01	52.39 3.56 -0.01	53.66 3.37 0.00	55.48 3.14 0.00	56.43 3.24 0.00	55.60 3.93 0.00	59.56 3.31 -0.12	59.92 3.34 0.00	64.64 3.65 -0.18	67.20 4.00 -0.74	69.11 4.46 0.01	76.73 5.02 0.01	91.04 6.27 0.01	86.12 5.71 0.01	83.73 4.14 0.01	75.52 3.53 0.01	66.32 2.80 0.01	59.00 2.92 -0.01	54.91 3.45 -0.01
ASTORIA_GT3_4 24101	54.81 3.54 -0.01	50.17 3.80 0.00	47.62 3.40 0.00	45.83 3.20 0.00	46.28 3.11 -0.01	49.61 3.55 -0.01	52.39 3.56 -0.01	53.66 3.37 0.00	55.48 3.14 0.00	56.43 3.24 0.00	55.60 3.93 0.00	59.56 3.31 -0.12	59.92 3.34 0.00	64.64 3.65 -0.18	67.20 4.00 -0.74	69.11 4.46 0.01	76.73 5.02 0.01	91.04 6.27 0.01	86.12 5.71 0.01	83.73 4.14 0.01	75.52 3.53 0.01	66.32 2.80 0.01	59.00 2.92 -0.01	54.91 3.45 -0.01
ASTORIA_GT4_1 24102	54.81 3.54 -0.01	50.17 3.80 0.00	47.62 3.40 0.00	45.83 3.20 0.00	46.28 3.11 -0.01	49.61 3.55 -0.01	52.39 3.56 -0.01	53.66 3.37 0.00	55.48 3.14 0.00	56.43 3.24 0.00	55.60 3.93 0.00	59.56 3.31 -0.12	59.92 3.34 0.00	64.64 3.65 -0.18	67.20 4.00 -0.74	69.11 4.46 0.01	76.73 5.02 0.01	91.04 6.27 0.01	86.12 5.71 0.01	83.73 4.14 0.01	75.52 3.53 0.01	66.32 2.80 0.01	59.00 2.92 -0.01	54.91 3.45 -0.01
ASTORIA_GT4_2 24103	54.81 3.54 -0.01	50.17 3.80 0.00	47.62 3.40 0.00	45.83 3.20 0.00	46.28 3.11 -0.01	49.61 3.55 -0.01	52.39 3.56 -0.01	53.66 3.37 0.00	55.48 3.14 0.00	56.43 3.24 0.00	55.60 3.93 0.00	59.56 3.31 -0.12	59.92 3.34 0.00	64.64 3.65 -0.18	67.20 4.00 -0.74	69.11 4.46 0.01	76.73 5.02 0.01	91.04 6.27 0.01	86.12 5.71 0.01	83.73 4.14 0.01	75.52 3.53 0.01	66.32 2.80 0.01	59.00 2.92 -0.01	54.91 3.45 -0.01
ASTORIA_GT4_3 24104	54.81 3.54 -0.01	50.17 3.80 0.00	47.62 3.40 0.00	45.83 3.20 0.00	46.28 3.11 -0.01	49.61 3.55 -0.01	52.39 3.56 -0.01	53.66 3.37 0.00	55.48 3.14 0.00	56.43 3.24 0.00	55.60 3.93 0.00	59.56 3.31 -0.12	59.92 3.34 0.00	64.64 3.65 -0.18	67.20 4.00 -0.74	69.11 4.46 0.01	76.73 5.02 0.01	91.04 6.27 0.01	86.12 5.71 0.01	83.73 4.14 0.01	75.52 3.53 0.01	66.32 2.80 0.01	59.00 2.92 -0.01	54.91 3.45 -0.01

ASTORIA_GT4_4 24105	54.81 3.54 -0.01	50.17 3.80 0.00	47.62 3.40 0.00	45.83 3.20 0.00	46.28 3.11 -0.01	49.61 3.55 -0.01	52.39 3.56 -0.01	53.66 3.37 0.00	55.48 3.14 0.00	56.43 3.24 0.00	55.60 3.93 0.00	59.56 3.31 -0.12	59.92 3.34 0.00	64.64 3.65 -0.18	67.20 4.00 -0.74	69.11 4.46 0.01	76.73 5.02 0.01	91.04 6.27 0.01	86.12 5.71 0.01	83.73 4.14 0.01	75.52 3.53 0.01	66.32 2.80 0.01	59.00 2.92 -0.01	54.91 3.45 -0.01
ASTORIA_GT_1 23523	54.91 3.64 -0.01	50.27 3.90 0.00	47.76 3.54 0.00	45.91 3.28 0.00	46.36 3.19 -0.01	49.70 3.64 -0.01	52.53 3.71 -0.01	53.81 3.52 0.00	55.59 3.25 0.00	56.59 3.40 0.00	55.75 4.08 0.00	59.78 3.54 -0.12	60.09 3.51 0.00	64.88 3.89 -0.18	67.39 4.19 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.44 6.03 0.01	83.97 4.38 0.01	75.74 3.74 0.01	66.51 2.99 0.01	59.17 3.08 -0.01	55.06 3.60 -0.01
ASTORIA_GT_10 24110	54.54 3.28 0.00	50.08 3.71 0.00	47.49 3.27 0.00	45.70 3.07 0.00	46.14 2.98 0.00	49.37 3.32 0.00	52.09 3.27 0.00	53.41 3.12 0.00	55.27 2.93 0.00	56.22 3.03 0.00	55.34 3.67 0.00	59.50 3.26 -0.12	59.81 3.23 0.00	64.40 3.41 -0.18	66.89 3.69 -0.74	68.83 4.27 0.09	73.11 4.73 3.34	85.01 5.85 5.62	70.74 5.47 15.14	66.91 3.82 16.52	65.97 3.24 9.27	61.85 2.48 4.16	58.71 2.64 0.00	54.64 3.19 0.00
ASTORIA_GT_11 24225	54.54 3.28 0.00	50.08 3.71 0.00	47.49 3.27 0.00	45.70 3.07 0.00	46.14 2.98 0.00	49.37 3.32 0.00	52.09 3.27 0.00	53.41 3.12 0.00	55.27 2.93 0.00	56.22 3.03 0.00	55.34 3.67 0.00	59.50 3.26 -0.12	59.81 3.23 0.00	64.40 3.41 -0.18	66.89 3.69 -0.74	68.83 4.27 0.09	73.11 4.73 3.34	85.01 5.85 5.62	70.74 5.47 15.14	66.91 3.82 16.52	65.97 3.24 9.27	61.85 2.48 4.16	58.71 2.64 0.00	54.64 3.19 0.00
ASTORIA_GT_12 24226	54.54 3.28 0.00	50.08 3.71 0.00	47.49 3.27 0.00	45.70 3.07 0.00	46.14 2.98 0.00	49.37 3.32 0.00	52.09 3.27 0.00	53.41 3.12 0.00	55.27 2.93 0.00	56.22 3.03 0.00	55.34 3.67 0.00	59.50 3.26 -0.12	59.81 3.23 0.00	64.40 3.41 -0.18	66.89 3.69 -0.74	68.83 4.27 0.09	73.11 4.73 3.34	85.01 5.85 5.62	70.74 5.47 15.14	66.91 3.82 16.52	65.97 3.24 9.27	61.85 2.48 4.16	58.71 2.64 0.00	54.64 3.19 0.00
ASTORIA_GT_13 24227	54.54 3.28 0.00	50.08 3.71 0.00	47.49 3.27 0.00	45.70 3.07 0.00	46.14 2.98 0.00	49.37 3.32 0.00	52.09 3.27 0.00	53.41 3.12 0.00	55.27 2.93 0.00	56.22 3.03 0.00	55.34 3.67 0.00	59.50 3.26 -0.12	59.81 3.23 0.00	64.40 3.41 -0.18	66.89 3.69 -0.74	68.83 4.27 0.09	73.11 4.73 3.34	85.01 5.85 5.62	70.74 5.47 15.14	66.91 3.82 16.52	65.97 3.24 9.27	61.85 2.48 4.16	58.71 2.64 0.00	54.64 3.19 0.00
ASTORIA_GT_5 24106	54.91 3.64 -0.01	50.27 3.90 0.00	47.76 3.54 0.00	45.91 3.28 0.00	46.36 3.19 -0.01	49.70 3.64 -0.01	52.53 3.71 -0.01	53.81 3.52 0.00	55.59 3.25 0.00	56.59 3.40 0.00	55.75 4.08 0.00	59.78 3.54 -0.12	60.09 3.51 0.00	64.88 3.89 -0.18	67.39 4.19 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.44 6.03 0.01	83.97 4.38 0.01	75.74 3.74 0.01	66.51 2.99 0.01	59.17 3.08 -0.01	55.06 3.60 -0.01
ASTORIA_GT_7 24107	54.91 3.64 -0.01	50.27 3.90 0.00	47.76 3.54 0.00	45.91 3.28 0.00	46.36 3.19 -0.01	49.70 3.64 -0.01	52.53 3.71 -0.01	53.81 3.52 0.00	55.59 3.25 0.00	56.59 3.40 0.00	55.75 4.08 0.00	59.78 3.54 -0.12	60.09 3.51 0.00	64.88 3.89 -0.18	67.39 4.19 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.44 6.03 0.01	83.97 4.38 0.01	75.74 3.74 0.01	66.51 2.99 0.01	59.17 3.08 -0.01	55.06 3.60 -0.01
ASTORIA_GT_8 24108	54.91 3.64 -0.01	50.27 3.90 0.00	47.76 3.54 0.00	45.91 3.28 0.00	46.36 3.19 -0.01	49.70 3.64 -0.01	52.53 3.71 -0.01	53.81 3.52 0.00	55.59 3.25 0.00	56.59 3.40 0.00	55.75 4.08 0.00	59.78 3.54 -0.12	60.09 3.51 0.00	64.88 3.89 -0.18	67.39 4.19 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.44 6.03 0.01	83.97 4.38 0.01	75.74 3.74 0.01	66.51 2.99 0.01	59.17 3.08 -0.01	55.06 3.60 -0.01
ASTORIA___2 24149	54.70 3.43 -0.01	50.18 3.80 -0.01	47.63 3.41 -0.01	45.84 3.20 -0.01	46.28 3.11 -0.01	49.61 3.55 -0.01	52.49 3.66 -0.01	53.72 3.42 0.00	55.43 3.09 0.00	56.49 3.30 0.00	55.59 3.92 0.00	59.44 3.20 -0.12	59.86 3.28 0.00	64.63 3.65 -0.18	67.20 4.00 -0.73	69.50 4.85 0.01	76.65 4.94 0.01	91.21 6.44 0.01	86.12 5.71 0.01	83.65 4.06 0.01	75.52 3.53 0.01	66.39 2.86 0.01	59.17 3.08 -0.01	54.80 3.34 -0.01
ASTORIA___3 23516	54.44 3.18 0.00	50.09 3.71 -0.01	47.50 3.27 -0.01	45.71 3.07 -0.01	46.14 2.98 0.00	49.38 3.32 0.00	52.14 3.32 0.00	53.46 3.17 0.00	55.27 2.93 0.00	56.27 3.08 0.00	55.34 3.67 0.00	59.33 3.08 -0.12	59.75 3.17 0.00	64.39 3.40 -0.18	66.88 3.68 -0.73	69.15 4.59 0.09	73.04 4.66 3.34	85.18 6.02 5.62	70.66 5.39 15.14	66.83 3.74 16.52	65.90 3.16 9.27	61.92 2.54 4.16	58.88 2.80 0.00	54.54 3.09 0.00
ASTORIA___4 23517	54.54 3.28 0.00	50.08 3.71 0.00	47.49 3.27 0.00	45.70 3.07 0.00	46.14 2.98 0.00	49.37 3.32 0.00	52.09 3.27 0.00	53.41 3.12 0.00	55.27 2.93 0.00	56.22 3.03 0.00	55.34 3.67 0.00	59.50 3.26 -0.12	59.81 3.23 0.00	64.40 3.41 -0.18	66.89 3.69 -0.74	68.83 4.27 0.09	73.11 4.73 3.34	85.01 5.85 5.62	70.74 5.47 15.14	66.91 3.82 16.52	65.97 3.24 9.27	61.85 2.48 4.16	58.71 2.64 0.00	54.64 3.19 0.00
ASTORIA___5 23518	54.44 3.18 0.00	50.09 3.71 -0.01	47.50 3.27 -0.01	45.71 3.07 -0.01	46.14 2.98 0.00	49.38 3.32 0.00	52.14 3.32 0.00	53.46 3.17 0.00	55.27 2.93 0.00	56.27 3.08 0.00	55.34 3.67 0.00	59.33 3.08 -0.12	59.75 3.17 0.00	64.39 3.40 -0.18	66.88 3.68 -0.73	69.15 4.59 0.09	73.04 4.66 3.34	85.18 6.02 5.62	70.66 5.39 15.14	66.83 3.74 16.52	65.90 3.16 9.27	61.92 2.54 4.16	58.88 2.80 0.00	54.54 3.09 0.00
AST_ENERGY_2_CC3 323677	39.58 3.38 15.06	39.58 3.43 10.22	39.58 3.05 7.69	39.58 2.81 5.86	39.58 2.76 6.35	39.58 3.04 9.52	39.58 3.27 12.51	39.58 3.27 13.98	39.58 3.25 16.01	39.58 3.30 16.91	39.81 3.62 15.47	39.81 3.48 19.80	39.81 3.57 20.34	40.76 3.89 23.94	43.81 4.19 22.84	46.78 5.11 22.98	52.21 5.23 24.74	64.71 6.78 26.85	56.46 6.11 30.07	46.33 4.38 37.65	43.77 3.74 31.97	39.81 2.99 26.71	39.81 2.91 19.18	39.81 3.03 14.68
AST_ENERGY_2_CC4 323678	39.58 3.38 15.06	39.58 3.43 10.22	39.58 3.05 7.69	39.58 2.81 5.86	39.58 2.76 6.35	39.58 3.04 9.52	39.58 3.27 12.51	39.58 3.27 13.98	39.58 3.25 16.01	39.58 3.30 16.91	39.81 3.62 15.47	39.81 3.48 19.80	39.81 3.57 20.34	40.76 3.89 23.94	43.81 4.19 22.84	46.78 5.11 22.98	52.21 5.23 24.74	64.71 6.78 26.85	56.46 6.11 30.07	46.33 4.38 37.65	43.77 3.74 31.97	39.81 2.99 26.71	39.81 2.91 19.18	39.81 3.03 14.68

ATHENS_STG_1 23668	52.85 1.59 0.00	47.95 1.58 0.00	45.77 1.55 0.00	44.21 1.58 0.00	44.71 1.55 0.00	47.71 1.66 0.00	50.42 1.61 0.00	51.75 1.46 0.00	53.80 1.46 0.00	54.57 1.38 0.00	53.17 1.50 0.00	57.58 1.40 -0.05	58.00 1.42 0.00	62.34 1.46 -0.08	64.39 1.62 -0.30	66.85 2.20 0.00	74.01 2.29 0.00	88.08 3.30 0.00	83.55 3.13 0.00	81.67 2.07 0.00	73.80 1.80 0.00	64.87 1.34 0.00	57.14 1.06 0.00	52.69 1.23 0.00
ATHENS_STG_2 23670	52.85 1.59 0.00	47.95 1.58 0.00	45.77 1.55 0.00	44.21 1.58 0.00	44.71 1.55 0.00	47.71 1.66 0.00	50.42 1.61 0.00	51.75 1.46 0.00	53.80 1.46 0.00	54.57 1.38 0.00	53.17 1.50 0.00	57.58 1.40 -0.05	58.00 1.42 0.00	62.34 1.46 -0.08	64.39 1.62 -0.30	66.85 2.20 0.00	74.01 2.29 0.00	88.08 3.30 0.00	83.55 3.13 0.00	81.67 2.07 0.00	73.80 1.80 0.00	64.87 1.34 0.00	57.14 1.06 0.00	52.69 1.23 0.00
ATHENS_STG_3 23677	52.85 1.59 0.00	47.95 1.58 0.00	45.77 1.55 0.00	44.21 1.58 0.00	44.71 1.55 0.00	47.71 1.66 0.00	50.42 1.61 0.00	51.75 1.46 0.00	53.80 1.46 0.00	54.57 1.38 0.00	53.17 1.50 0.00	57.58 1.40 -0.05	58.00 1.42 0.00	62.34 1.46 -0.08	64.39 1.62 -0.30	66.85 2.20 0.00	74.01 2.29 0.00	88.08 3.30 0.00	83.55 3.13 0.00	81.67 2.07 0.00	73.80 1.80 0.00	64.87 1.34 0.00	57.14 1.06 0.00	52.69 1.23 0.00
AUBURN____LFGE 323710	51.82 0.56 0.00	46.51 0.14 0.00	44.22 0.00 0.00	42.54 -0.09 0.00	43.08 -0.09 0.00	46.01 -0.05 0.00	48.96 0.15 0.00	50.19 -0.10 0.00	52.24 -0.10 0.00	53.19 0.00 0.00	51.57 -0.10 0.00	56.41 0.28 0.00	56.98 0.40 0.00	61.41 0.61 0.00	63.09 0.62 0.00	65.56 0.91 0.00	73.01 1.29 0.00	87.24 2.46 0.00	83.07 2.65 0.00	81.99 2.39 0.00	73.73 1.73 0.00	65.12 1.59 0.00	56.92 0.84 0.00	52.12 0.67 0.00
BABYLON_RES_REC 323704	59.03 4.62 -3.16	53.28 4.78 -2.13	52.04 4.38 -3.44	47.81 4.13 -1.04	48.49 4.10 -1.22	50.79 4.47 -0.26	53.56 4.73 -0.01	54.88 4.58 -0.01	56.89 4.40 -0.16	58.20 4.15 -0.86	56.75 4.34 -0.74	69.81 4.66 -9.02	80.87 4.69 -19.60	78.17 5.04 -12.32	83.66 5.37 -15.81	86.60 6.46 -15.48	99.23 6.89 -20.63	109.52 8.98 -15.76	103.22 8.28 -14.51	101.40 6.60 -15.19	91.12 5.76 -13.36	83.37 4.64 -15.20	62.25 4.21 -1.97	55.31 4.02 0.16
BALL_HILL_WT_PWR 323825	51.62 0.36 0.00	45.35 -1.02 0.00	42.98 -1.24 0.00	41.10 -1.53 0.00	41.74 -1.42 0.00	44.54 -1.52 0.00	47.64 -1.17 0.00	48.08 -2.21 0.00	50.51 -1.83 0.00	51.49 -1.70 0.00	50.53 -1.14 0.00	55.85 -0.28 0.00	57.15 0.57 0.00	61.78 0.97 0.00	63.78 1.31 0.00	66.14 1.49 0.00	73.72 2.01 0.00	88.34 3.56 0.00	84.04 3.62 0.00	82.46 2.86 0.00	73.80 1.80 0.00	65.00 1.46 0.00	56.25 0.17 0.00	52.33 0.87 0.00
BARON_WINDS____WT_PWR 323822	52.13 0.87 0.00	46.23 -0.14 0.00	43.91 -0.31 0.00	42.07 -0.56 0.00	42.69 -0.47 0.00	45.60 -0.46 0.00	48.57 -0.24 0.00	49.09 -1.21 0.00	51.08 -1.26 0.00	51.91 -1.28 0.00	50.64 -1.03 0.00	55.79 -0.33 0.00	56.92 0.34 0.00	61.54 0.73 0.00	63.34 0.87 0.00	65.82 1.17 0.00	73.51 1.79 0.00	88.17 3.39 0.00	83.95 3.53 0.00	82.79 3.19 0.00	74.30 2.30 0.00	65.51 1.97 0.00	56.81 0.73 0.00	52.48 1.03 0.00
BARRETT_IC_1 23704	87.64 4.00 -32.38	52.49 3.99 -2.13	51.29 3.63 -3.44	47.08 3.41 -1.04	47.76 3.37 -1.22	50.01 3.69 -0.26	52.68 3.86 -0.01	54.12 3.82 -0.01	56.00 3.66 0.00	56.70 3.51 0.00	55.39 3.72 0.00	60.13 3.87 -0.13	169.91 3.90 -109.42	65.19 4.19 -0.19	106.76 4.44 -39.86	106.50 5.30 -36.54	164.67 5.52 -87.43	108.32 7.12 -16.42	98.01 6.60 -11.00	94.15 5.02 -9.53	105.97 4.47 -29.50	80.07 3.68 -12.85	83.55 3.64 -23.83	55.19 3.65 -0.08
BARRETT_IC_10 23701	87.64 4.00 -32.38	52.49 3.99 -2.13	51.29 3.63 -3.44	47.08 3.41 -1.04	47.76 3.37 -1.22	50.01 3.69 -0.26	52.68 3.86 -0.01	54.12 3.82 -0.01	56.00 3.66 0.00	56.70 3.51 0.00	55.39 3.72 0.00	60.13 3.87 -0.13	93.92 3.90 -33.44	65.19 4.19 -0.19	79.60 4.44 -12.70	81.13 5.30 -11.17	103.96 5.52 -26.72	96.92 7.12 -5.02	90.38 6.60 -3.37	87.52 5.02 -2.90	85.49 4.47 -9.02	71.15 3.68 -3.93	83.55 3.64 -23.83	55.19 3.65 -0.08
BARRETT_IC_11 23702	87.64 4.00 -32.38	52.49 3.99 -2.13	51.29 3.63 -3.44	47.08 3.41 -1.04	47.76 3.37 -1.22	50.01 3.69 -0.26	52.68 3.86 -0.01	54.12 3.82 -0.01	56.00 3.66 0.00	56.70 3.51 0.00	55.39 3.72 0.00	60.13 3.87 -0.13	93.92 3.90 -33.44	65.19 4.19 -0.19	79.60 4.44 -12.70	81.13 5.30 -11.17	103.96 5.52 -26.72	96.92 7.12 -5.02	90.38 6.60 -3.37	87.52 5.02 -2.90	85.49 4.47 -9.02	71.15 3.68 -3.93	83.55 3.64 -23.83	55.19 3.65 -0.08
BARRETT_IC_12 23703	87.64 4.00 -32.38	52.49 3.99 -2.13	51.29 3.63 -3.44	47.08 3.41 -1.04	47.76 3.37 -1.22	50.01 3.69 -0.26	52.68 3.86 -0.01	54.12 3.82 -0.01	56.00 3.66 0.00	56.70 3.51 0.00	55.39 3.72 0.00	60.13 3.87 -0.13	93.92 3.90 -33.44	65.19 4.19 -0.19	79.60 4.44 -12.70	81.13 5.30 -11.17	103.96 5.52 -26.72	96.92 7.12 -5.02	90.38 6.60 -3.37	87.52 5.02 -2.90	85.49 4.47 -9.02	71.15 3.68 -3.93	83.55 3.64 -23.83	55.19 3.65 -0.08
BARRETT_IC_2 23705	87.64 4.00 -32.38	52.49 3.99 -2.13	51.29 3.63 -3.44	47.08 3.41 -1.04	47.76 3.37 -1.22	50.01 3.69 -0.26	52.68 3.86 -0.01	54.12 3.82 -0.01	56.00 3.66 0.00	56.70 3.51 0.00	55.39 3.72 0.00	60.13 3.87 -0.13	169.91 3.90 -109.42	65.19 4.19 -0.19	106.76 4.44 -39.86	106.50 5.30 -36.54	164.67 5.52 -87.43	108.32 7.12 -16.42	98.01 6.60 -11.00	94.15 5.02 -9.53	105.97 4.47 -29.50	80.07 3.68 -12.85	83.55 3.64 -23.83	55.19 3.65 -0.08
BARRETT_IC_3 23706	87.64 4.00 -32.38	52.49 3.99 -2.13	51.29 3.63 -3.44	47.08 3.41 -1.04	47.76 3.37 -1.22	50.01 3.69 -0.26	52.68 3.86 -0.01	54.12 3.82 -0.01	56.00 3.66 0.00	56.70 3.51 0.00	55.39 3.72 0.00	60.13 3.87 -0.13	169.91 3.90 -109.42	65.19 4.19 -0.19	106.76 4.44 -39.86	106.50 5.30 -36.54	164.67 5.52 -87.43	108.32 7.12 -16.42	98.01 6.60 -11.00	94.15 5.02 -9.53	105.97 4.47 -29.50	80.07 3.68 -12.85	83.55 3.64 -23.83	55.19 3.65 -0.08
BARRETT_IC_4 23707	87.64 4.00 -32.38	52.49 3.99 -2.13	51.29 3.63 -3.44	47.08 3.41 -1.04	47.76 3.37 -1.22	50.01 3.69 -0.26	52.68 3.86 -0.01	54.12 3.82 -0.01	56.00 3.66 0.00	56.70 3.51 0.00	55.39 3.72 0.00	60.13 3.87 -0.13	169.91 3.90 -109.42	65.19 4.19 -0.19	106.76 4.44 -39.86	106.50 5.30 -36.54	164.67 5.52 -87.43	108.32 7.12 -16.42	98.01 6.60 -11.00	94.15 5.02 -9.53	105.97 4.47 -29.50	80.07 3.68 -12.85	83.55 3.64 -23.83	55.19 3.65 -0.08
BARRETT_IC_5 23708	87.64 4.00 -32.38	52.49 3.99 -2.13	51.29 3.63 -3.44	47.08 3.41 -1.04	47.76 3.37 -1.22	50.01 3.69 -0.26	52.68 3.86 -0.01	54.12 3.82 -0.01	56.00 3.66 0.00	56.70 3.51 0.00	55.39 3.72 0.00	60.13 3.87 -0.13	169.91 3.90 -109.42	65.19 4.19 -0.19	106.76 4.44 -39.86	106.50 5.30 -36.54	164.67 5.52 -87.43	108.32 7.12 -16.42	98.01 6.60 -11.00	94.15 5.02 -9.53	105.97 4.47 -29.50	80.07 3.68 -12.85	83.55 3.64 -23.83	55.19 3.65 -0.08

BARRETT_IC_6 23709	87.64 4.00 -32.38	52.49 3.99 -2.13	51.29 3.63 -3.44	47.08 3.41 -1.04	47.76 3.37 -1.22	50.01 3.69 -0.26	52.68 3.86 -0.01	54.12 3.82 -0.01	56.00 3.66 0.00	56.70 3.51 0.00	55.39 3.72 0.00	60.13 3.87 -0.13	169.91 3.90 -109.42	65.19 4.19 -0.19	106.76 4.44 -39.86	106.50 5.30 -36.54	164.67 5.52 -87.43	108.32 7.12 -16.42	98.01 6.60 -11.00	94.15 5.02 -9.53	105.97 4.47 -29.50	80.07 3.68 -12.85	83.55 3.64 -23.83	55.19 3.65 -0.08
BARRETT_IC_7 23710	87.69 4.05 -32.38	52.49 3.99 -2.13	51.29 3.63 -3.44	47.08 3.41 -1.04	47.75 3.37 -1.22	50.01 3.68 -0.26	52.62 3.81 0.00	54.12 3.82 0.00	55.90 3.56 0.00	56.81 3.62 0.00	55.39 3.72 0.00	60.12 3.87 -0.12	169.96 3.96 -109.42	65.19 4.20 -0.18	106.76 4.44 -39.86	106.18 4.98 -36.54	164.74 5.59 -87.43	108.15 6.95 -16.42	98.01 6.59 -11.00	94.23 5.09 -9.53	106.04 4.54 -29.50	80.08 3.69 -12.85	83.33 3.42 -23.83	55.29 3.76 -0.08
BARRETT_IC_8 23711	87.64 4.00 -32.38	52.49 3.99 -2.13	51.29 3.63 -3.44	47.08 3.41 -1.04	47.76 3.37 -1.22	50.01 3.69 -0.26	52.68 3.86 -0.01	54.12 3.82 -0.01	56.00 3.66 0.00	56.70 3.51 0.00	55.39 3.72 0.00	60.13 3.87 -0.13	169.91 3.90 -109.42	65.19 4.19 -0.19	106.76 4.44 -39.86	106.50 5.30 -36.54	164.67 5.52 -87.43	108.32 7.12 -16.42	98.01 6.60 -11.00	94.15 5.02 -9.53	105.97 4.47 -29.50	80.07 3.68 -12.85	83.55 3.64 -23.83	55.19 3.65 -0.08
BARRETT_IC_9 23700	87.64 4.00 -32.38	52.49 3.99 -2.13	51.29 3.63 -3.44	47.08 3.41 -1.04	47.76 3.37 -1.22	50.01 3.69 -0.26	52.68 3.86 -0.01	54.12 3.82 -0.01	56.00 3.66 0.00	56.70 3.51 0.00	55.39 3.72 0.00	60.13 3.87 -0.13	93.92 3.90 -33.44	65.19 4.19 -0.19	79.60 4.44 -12.70	81.13 5.30 -11.17	103.96 5.52 -26.72	96.92 7.12 -5.02	90.38 6.60 -3.37	87.52 5.02 -2.90	85.49 4.47 -9.02	71.15 3.68 -3.93	83.55 3.64 -23.83	55.19 3.65 -0.08
BARRETT___1 23545	87.64 4.00 -32.38	52.49 3.99 -2.13	51.29 3.63 -3.44	47.08 3.41 -1.04	47.76 3.37 -1.22	50.01 3.69 -0.26	52.68 3.86 -0.01	54.12 3.82 -0.01	56.00 3.66 0.00	56.70 3.51 0.00	55.39 3.72 0.00	60.13 3.87 -0.13	169.91 3.90 -109.42	65.19 4.19 -0.19	106.76 4.44 -39.86	106.50 5.30 -36.54	164.67 5.52 -87.43	108.32 7.12 -16.42	98.01 6.60 -11.00	94.15 5.02 -9.53	105.97 4.47 -29.50	80.07 3.68 -12.85	83.55 3.64 -23.83	55.19 3.65 -0.08
BARRETT___2 23546	87.64 4.00 -32.38	52.49 3.99 -2.13	51.29 3.63 -3.44	47.08 3.41 -1.04	47.76 3.37 -1.22	50.01 3.69 -0.26	52.68 3.86 -0.01	54.12 3.82 -0.01	56.00 3.66 0.00	56.70 3.51 0.00	55.39 3.72 0.00	60.13 3.87 -0.13	93.92 3.90 -33.44	65.19 4.19 -0.19	79.60 4.44 -12.70	81.13 5.30 -11.17	103.96 5.52 -26.72	96.92 7.12 -5.02	90.38 6.60 -3.37	87.52 5.02 -2.90	85.49 4.47 -9.02	71.15 3.68 -3.93	83.55 3.64 -23.83	55.19 3.65 -0.08
BATAVIA___115KV_TB1 55881	52.13 0.87 0.00	45.81 -0.56 0.00	43.38 -0.84 0.00	41.18 -1.45 0.00	41.91 -1.25 0.00	44.68 -1.38 0.00	48.03 -0.78 0.00	48.53 -1.76 0.00	50.82 -1.52 0.00	51.81 -1.38 0.00	50.64 -1.03 0.00	55.85 -0.28 0.00	57.15 0.57 0.00	61.90 1.09 0.00	63.84 1.37 0.00	66.27 1.62 0.00	73.80 2.08 0.00	88.76 3.98 0.00	84.76 4.34 0.00	83.34 3.74 0.00	74.45 2.45 0.00	65.76 2.22 0.00	57.20 1.12 0.00	52.43 0.98 0.00
BAYONEEC___CTG1 323682	54.70 3.43 0.00	49.85 3.48 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.97 2.80 0.00	49.14 3.09 0.00	52.14 3.32 0.00	53.66 3.37 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.79 3.54 -0.12	60.21 3.62 0.00	64.89 3.89 -0.18	67.39 4.19 -0.74	69.83 5.17 0.00	77.02 5.31 0.00	91.56 6.78 0.00	86.53 6.11 0.00	83.98 4.38 0.00	75.74 3.74 0.00	62.37 2.99 4.15	58.99 2.91 0.00	54.49 3.03 0.00
BAYONEEC___CTG10 323750	54.70 3.43 0.00	49.85 3.48 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.97 2.80 0.00	49.14 3.09 0.00	52.14 3.32 0.00	53.66 3.37 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.79 3.54 -0.12	60.21 3.62 0.00	64.89 3.89 -0.18	67.39 4.19 -0.74	69.83 5.17 0.00	77.02 5.31 0.00	91.56 6.78 0.00	86.53 6.11 0.00	83.98 4.38 0.00	75.74 3.74 0.00	62.37 2.99 4.15	58.99 2.91 0.00	54.49 3.03 0.00
BAYONEEC___CTG2 323683	54.70 3.43 0.00	49.85 3.48 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.97 2.80 0.00	49.14 3.09 0.00	52.14 3.32 0.00	53.66 3.37 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.79 3.54 -0.12	60.21 3.62 0.00	64.89 3.89 -0.18	67.39 4.19 -0.74	69.83 5.17 0.00	77.02 5.31 0.00	91.56 6.78 0.00	86.53 6.11 0.00	83.98 4.38 0.00	75.74 3.74 0.00	62.37 2.99 4.15	58.99 2.91 0.00	54.49 3.03 0.00
BAYONEEC___CTG3 323684	54.70 3.43 0.00	49.85 3.48 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.97 2.80 0.00	49.14 3.09 0.00	52.14 3.32 0.00	53.66 3.37 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.79 3.54 -0.12	60.21 3.62 0.00	64.89 3.89 -0.18	67.39 4.19 -0.74	69.83 5.17 0.00	77.02 5.31 0.00	91.56 6.78 0.00	86.53 6.11 0.00	83.98 4.38 0.00	75.74 3.74 0.00	62.37 2.99 4.15	58.99 2.91 0.00	54.49 3.03 0.00
BAYONEEC___CTG4 323685	54.70 3.43 0.00	49.85 3.48 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.97 2.80 0.00	49.14 3.09 0.00	52.14 3.32 0.00	53.66 3.37 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.79 3.54 -0.12	60.21 3.62 0.00	64.89 3.89 -0.18	67.39 4.19 -0.74	69.83 5.17 0.00	77.02 5.31 0.00	91.56 6.78 0.00	86.53 6.11 0.00	83.98 4.38 0.00	75.74 3.74 0.00	62.37 2.99 4.15	58.99 2.91 0.00	54.49 3.03 0.00
BAYONEEC___CTG5 323686	54.70 3.43 0.00	49.85 3.48 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.97 2.80 0.00	49.14 3.09 0.00	52.14 3.32 0.00	53.66 3.37 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.79 3.54 -0.12	60.21 3.62 0.00	64.89 3.89 -0.18	67.39 4.19 -0.74	69.83 5.17 0.00	77.02 5.31 0.00	91.56 6.78 0.00	86.53 6.11 0.00	83.98 4.38 0.00	75.74 3.74 0.00	62.37 2.99 4.15	58.99 2.91 0.00	54.49 3.03 0.00
BAYONEEC___CTG6 323687	54.70 3.43 0.00	49.85 3.48 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.97 2.80 0.00	49.14 3.09 0.00	52.14 3.32 0.00	53.66 3.37 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.79 3.54 -0.12	60.21 3.62 0.00	64.89 3.89 -0.18	67.39 4.19 -0.74	69.83 5.17 0.00	77.02 5.31 0.00	91.56 6.78 0.00	86.53 6.11 0.00	83.98 4.38 0.00	75.74 3.74 0.00	62.37 2.99 4.15	58.99 2.91 0.00	54.49 3.03 0.00
BAYONEEC___CTG7 323688	54.70 3.43 0.00	49.85 3.48 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.97 2.80 0.00	49.14 3.09 0.00	52.14 3.32 0.00	53.66 3.37 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.79 3.54 -0.12	60.21 3.62 0.00	64.89 3.89 -0.18	67.39 4.19 -0.74	69.83 5.17 0.00	77.02 5.31 0.00	91.56 6.78 0.00	86.53 6.11 0.00	83.98 4.38 0.00	75.74 3.74 0.00	62.37 2.99 4.15	58.99 2.91 0.00	54.49 3.03 0.00

BAYONEEC___CTG8 323689	54.70 3.43 0.00	49.85 3.48 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.97 2.80 0.00	49.14 3.09 0.00	52.14 3.32 0.00	53.66 3.37 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.79 3.54 -0.12	60.21 3.62 0.00	64.89 3.89 -0.18	67.39 4.19 -0.74	69.83 5.17 0.00	77.02 5.31 0.00	91.56 6.78 0.00	86.53 6.11 0.00	83.98 4.38 0.00	75.74 3.74 0.00	62.37 2.99 4.15	58.99 2.91 0.00	54.49 3.03 0.00
BAYONEEC___CTG9 323749	54.70 3.43 0.00	49.85 3.48 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.97 2.80 0.00	49.14 3.09 0.00	52.14 3.32 0.00	53.66 3.37 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.79 3.54 -0.12	60.21 3.62 0.00	64.89 3.89 -0.18	67.39 4.19 -0.74	69.83 5.17 0.00	77.02 5.31 0.00	91.56 6.78 0.00	86.53 6.11 0.00	83.98 4.38 0.00	75.74 3.74 0.00	62.37 2.99 4.15	58.99 2.91 0.00	54.49 3.03 0.00
BEACON___LESR 323632	52.90 1.64 0.00	47.90 1.53 0.00	45.63 1.41 0.00	43.99 1.36 0.00	44.54 1.38 0.00	47.62 1.57 0.00	50.28 1.46 0.00	51.75 1.46 0.00	53.80 1.46 0.00	54.52 1.33 0.00	52.91 1.24 0.00	57.32 1.29 0.09	57.60 1.02 0.00	61.51 0.85 0.14	62.83 0.94 0.57	66.27 1.62 0.00	73.43 1.72 0.00	87.49 2.71 0.00	83.15 2.74 0.00	81.35 1.75 0.00	73.58 1.58 0.00	64.87 1.34 0.00	56.92 0.84 0.00	52.38 0.93 0.00
BEAVER RIVER___HYD 24048	52.90 1.64 0.00	47.72 1.35 0.00	45.46 1.24 0.00	43.74 1.11 0.00	44.42 1.25 0.00	47.44 1.38 0.00	50.62 1.81 0.00	52.16 1.86 0.00	54.02 1.67 0.00	54.68 1.49 0.00	51.88 0.21 0.00	56.46 0.34 0.00	56.69 0.11 0.00	60.99 0.18 0.00	62.22 -0.25 0.00	64.21 -0.45 0.00	71.50 -0.21 0.00	85.20 0.43 0.00	81.63 1.21 0.00	81.51 1.91 0.00	75.17 3.16 0.00	66.65 3.11 0.00	58.43 2.35 0.00	53.41 1.95 0.00
BEEBEE_GT_13 23619	51.47 0.21 0.00	45.63 -0.74 0.00	43.29 -0.93 0.00	41.48 -1.15 0.00	42.13 -1.04 0.00	44.91 -1.15 0.00	48.03 -0.78 0.00	48.99 -1.31 0.00	51.35 -0.99 0.00	52.39 -0.80 0.00	51.10 -0.57 0.00	56.13 0.00 0.00	57.03 0.45 0.00	61.66 0.85 0.00	63.47 1.00 0.00	66.01 1.36 0.00	73.44 1.72 0.00	87.92 3.14 0.00	83.55 3.14 0.00	82.23 2.63 0.00	73.73 1.73 0.00	65.12 1.59 0.00	56.81 0.73 0.00	52.02 0.57 0.00
BENSHRST_27_KV_BENSHRST_1 355998	55.16 3.90 0.00	50.64 4.27 0.00	47.98 3.76 0.00	46.13 3.50 0.00	46.53 3.37 0.00	49.79 3.73 0.00	52.48 3.66 0.00	53.76 3.47 0.00	55.58 3.25 0.00	56.59 3.40 0.00	55.80 4.13 0.00	60.06 3.82 -0.12	60.43 3.85 0.00	65.19 4.20 -0.18	67.83 4.62 -0.74	69.88 5.24 0.01	77.52 5.81 0.01	91.98 7.21 0.01	87.16 6.76 0.01	84.69 5.09 0.01	76.39 4.39 0.01	62.87 3.49 4.16	59.50 3.42 0.00	55.31 3.86 0.00
BETHLEHEM___GRP 23843	52.03 0.77 0.00	47.11 0.74 0.00	44.97 0.75 0.00	43.40 0.77 0.00	43.90 0.73 0.00	46.89 0.83 0.00	49.55 0.73 0.00	50.85 0.55 0.00	52.86 0.52 0.00	53.62 0.43 0.00	52.08 0.41 0.00	56.37 0.34 0.09	56.69 0.11 0.00	60.61 -0.06 0.14	61.93 0.00 0.54	65.04 0.39 0.00	72.22 0.50 0.00	85.71 0.93 0.00	81.54 1.13 0.00	79.92 0.32 0.00	72.29 0.29 0.00	63.60 0.06 0.00	55.91 -0.17 0.00	51.61 0.15 0.00
BETHLEHEM___GS1 323560	52.03 0.77 0.00	47.11 0.74 0.00	44.97 0.75 0.00	43.35 0.72 0.00	43.90 0.73 0.00	46.89 0.83 0.00	49.45 0.63 0.00	50.85 0.55 0.00	52.86 0.52 0.00	53.61 0.42 0.00	52.08 0.41 0.00	56.38 0.34 0.09	56.69 0.11 0.00	60.61 -0.06 0.14	61.93 0.00 0.54	65.17 0.51 0.00	72.22 0.51 0.00	85.88 1.10 0.00	81.54 1.13 0.00	79.84 0.24 0.00	72.29 0.29 0.00	63.66 0.13 0.00	55.91 -0.17 0.00	51.50 0.05 0.00
BETHLEHEM___GS2 323561	52.03 0.77 0.00	47.11 0.74 0.00	44.97 0.75 0.00	43.35 0.72 0.00	43.90 0.73 0.00	46.89 0.83 0.00	49.45 0.63 0.00	50.85 0.55 0.00	52.86 0.52 0.00	53.61 0.42 0.00	52.08 0.41 0.00	56.38 0.34 0.09	56.69 0.11 0.00	60.61 -0.06 0.14	61.93 0.00 0.54	65.17 0.51 0.00	72.22 0.51 0.00	85.88 1.10 0.00	81.54 1.13 0.00	79.84 0.24 0.00	72.29 0.29 0.00	63.66 0.13 0.00	55.91 -0.17 0.00	51.50 0.05 0.00
BETHLEHEM___GS3 323562	52.03 0.77 0.00	47.11 0.74 0.00	44.97 0.75 0.00	43.35 0.72 0.00	43.90 0.73 0.00	46.89 0.83 0.00	49.45 0.63 0.00	50.85 0.55 0.00	52.86 0.52 0.00	53.61 0.42 0.00	52.08 0.41 0.00	56.38 0.34 0.09	56.69 0.11 0.00	60.61 -0.06 0.14	61.93 0.00 0.54	65.17 0.51 0.00	72.22 0.51 0.00	85.88 1.10 0.00	81.54 1.13 0.00	79.84 0.24 0.00	72.29 0.29 0.00	63.66 0.13 0.00	55.91 -0.17 0.00	51.50 0.05 0.00
BETHLEHEM___STEEL 23779	51.47 0.21 0.00	45.17 -1.21 0.00	42.85 -1.37 0.00	40.84 -1.79 0.00	41.61 -1.55 0.00	44.26 -1.80 0.00	47.40 -1.42 0.00	47.73 -2.56 0.00	50.20 -2.15 0.00	51.12 -2.07 0.00	50.17 -1.50 0.00	55.34 -0.79 0.00	56.69 0.11 0.00	61.47 0.67 0.00	63.41 0.94 0.00	65.69 1.03 0.00	73.22 1.51 0.00	87.58 2.80 0.00	83.55 3.14 0.00	81.91 2.31 0.00	73.23 1.22 0.00	64.62 1.08 0.00	56.19 0.11 0.00	51.71 0.26 0.00
BETHLHEM_115KV_TB1 79974	52.18 0.92 0.00	47.25 0.88 0.00	45.06 0.84 0.00	43.48 0.85 0.00	44.03 0.86 0.00	46.98 0.92 0.00	49.65 0.83 0.00	51.00 0.70 0.00	52.97 0.63 0.00	53.72 0.53 0.00	52.19 0.52 0.00	56.55 0.51 0.08	56.81 0.23 0.00	60.80 0.12 0.13	62.15 0.19 0.51	65.24 0.58 0.00	72.36 0.65 0.00	85.97 1.19 0.00	81.78 1.37 0.00	80.08 0.48 0.00	72.43 0.43 0.00	63.79 0.25 0.00	56.08 0.00 0.00	51.76 0.31 0.00
BETHPAGE_CC_5 323564	59.21 4.10 -3.85	52.76 4.26 -2.13	51.60 3.93 -3.44	47.42 3.75 -1.04	48.10 3.71 -1.22	50.38 4.05 -0.26	53.02 4.20 -0.01	54.37 4.07 -0.01	56.39 3.98 -0.07	57.32 3.72 -0.41	55.90 4.03 -0.20	62.85 4.21 -2.51	74.89 4.30 -14.01	68.87 4.62 -3.44	75.31 4.93 -7.91	77.67 5.94 -7.08	90.48 6.24 -12.52	98.46 8.14 -5.54	92.67 7.48 -4.77	90.17 5.73 -4.84	82.91 4.96 -5.94	72.64 4.01 -5.10	62.22 3.64 -2.50	54.88 3.55 0.12
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	51.57 0.31 0.00	45.26 -1.11 0.00	42.94 -1.28 0.00	40.92 -1.71 0.00	41.65 -1.51 0.00	44.40 -1.66 0.00	47.50 -1.32 0.00	47.88 -2.41 0.00	50.30 -2.04 0.00	51.28 -1.91 0.00	50.27 -1.40 0.00	55.51 -0.62 0.00	56.81 0.23 0.00	61.72 0.91 0.00	63.66 1.19 0.00	65.95 1.29 0.00	73.51 1.79 0.00	87.92 3.14 0.00	83.88 3.46 0.00	82.23 2.63 0.00	73.44 1.44 0.00	64.74 1.21 0.00	56.25 0.17 0.00	51.81 0.36 0.00
BINGHAMTON___COGEN 23790	52.23 0.97 0.00	46.79 0.42 0.00	44.57 0.35 0.00	42.84 0.21 0.00	43.46 0.30 0.00	46.38 0.32 0.00	49.25 0.44 0.00	50.39 0.10 0.00	52.50 0.16 0.00	53.56 0.37 0.00	52.03 0.36 0.00	56.86 0.73 0.00	57.49 0.91 0.00	62.02 1.22 0.00	63.72 1.25 0.00	66.14 1.49 0.00	73.65 1.94 0.00	87.75 2.97 0.00	83.47 3.06 0.00	82.15 2.55 0.00	73.95 1.94 0.00	65.19 1.65 0.00	56.92 0.84 0.00	52.28 0.82 0.00

BIXINCNT_115KV_LOAD 355685	51.93 0.67 0.00	45.63 -0.74 0.00	43.25 -0.97 0.00	41.22 -1.41 0.00	42.00 -1.17 0.00	44.77 -1.29 0.00	47.99 -0.83 0.00	48.28 -2.01 0.00	50.72 -1.62 0.00	51.65 -1.54 0.00	50.64 -1.03 0.00	55.85 -0.28 0.00	57.15 0.57 0.00	62.08 1.28 0.00	64.09 1.62 0.00	66.34 1.68 0.00	74.08 2.37 0.00	88.51 3.73 0.00	84.44 4.02 0.00	82.79 3.18 0.00	74.02 2.02 0.00	65.12 1.59 0.00	56.41 0.34 0.00	52.12 0.67 0.00
BLACK RIVER___HYD 24047	53.51 2.25 0.00	48.23 1.86 0.00	45.86 1.64 0.00	44.12 1.49 0.00	44.80 1.64 0.00	47.90 1.84 0.00	51.21 2.39 0.00	52.66 2.36 0.00	54.44 2.10 0.00	55.10 1.91 0.00	52.08 0.41 0.00	56.74 0.62 0.00	56.98 0.40 0.00	61.29 0.48 0.00	62.47 0.00 0.00	64.66 0.00 0.00	72.15 0.43 0.00	86.47 1.69 0.00	82.99 2.57 0.00	83.10 3.50 0.00	76.68 4.68 0.00	67.92 4.38 0.00	59.22 3.14 0.00	54.02 2.57 0.00
BLACKRVR_115KV_TB2 79977	53.52 2.26 0.00	48.23 1.85 0.00	45.86 1.64 0.00	44.08 1.45 0.00	44.80 1.64 0.00	47.90 1.84 0.00	51.21 2.39 0.00	52.66 2.36 0.00	54.43 2.09 0.00	55.10 1.91 0.00	52.08 0.41 0.00	56.74 0.62 0.00	56.98 0.40 0.00	61.29 0.49 0.00	62.47 0.00 0.00	64.66 0.00 0.00	72.15 0.43 0.00	86.56 1.78 0.00	82.99 2.57 0.00	83.10 3.50 0.00	76.68 4.68 0.00	67.92 4.38 0.00	59.22 3.14 0.00	53.97 2.52 0.00
BLDWN_LI_69_KV_BK4 356085	67.13 4.66 -11.20	53.00 4.50 -2.13	51.73 4.07 -3.44	47.51 3.84 -1.04	48.19 3.80 -1.22	50.47 4.15 -0.26	53.16 4.34 0.00	54.62 4.33 0.00	56.42 4.08 0.00	57.39 4.20 0.00	56.06 4.39 0.00	60.96 4.71 -0.12	97.02 4.81 -35.63	65.98 4.99 -0.18	81.26 5.31 -13.48	82.57 6.01 -11.90	106.71 6.53 -28.47	98.35 8.22 -5.35	91.80 7.80 -3.59	88.92 6.21 -3.11	87.01 5.40 -9.61	72.43 4.70 -4.19	68.41 4.09 -8.24	55.75 4.27 -0.02
BLISS_WT_PWR 323608	51.88 0.62 0.00	45.58 -0.79 0.00	43.25 -0.97 0.00	41.26 -1.37 0.00	42.00 -1.16 0.00	44.82 -1.24 0.00	47.99 -0.83 0.00	48.28 -2.01 0.00	50.72 -1.62 0.00	51.65 -1.54 0.00	50.74 -0.93 0.00	56.01 -0.11 0.00	57.32 0.73 0.00	62.14 1.34 0.00	64.09 1.62 0.00	66.46 1.81 0.00	74.16 2.44 0.00	88.85 4.07 0.00	84.44 4.02 0.00	82.79 3.19 0.00	74.01 2.01 0.00	65.13 1.59 0.00	56.30 0.23 0.00	52.54 1.08 0.00
BLUESTONE___WT_PWR 323821	54.64 3.38 0.00	49.06 2.69 0.00	46.69 2.47 0.00	44.93 2.30 0.00	45.58 2.42 0.00	48.73 2.67 0.00	52.04 3.22 0.00	53.36 3.07 0.00	55.32 2.98 0.00	56.27 3.08 0.00	54.61 2.94 0.00	59.66 3.54 0.00	60.15 3.57 0.00	64.88 4.07 0.00	66.41 3.94 0.00	69.18 4.52 0.00	77.10 5.38 0.00	92.75 7.97 0.00	88.38 7.96 0.00	87.17 7.57 0.00	78.41 6.41 0.00	69.19 5.65 0.00	59.94 3.87 0.00	54.90 3.45 0.00
BLUE_CIRC_CHEM_DRP 24182	52.75 1.49 0.00	47.72 1.34 0.00	45.55 1.33 0.00	43.99 1.36 0.00	44.54 1.38 0.00	47.48 1.43 0.00	50.13 1.32 0.00	51.40 1.11 0.00	53.39 1.05 0.00	54.09 0.90 0.00	52.50 0.83 0.00	56.91 0.84 0.06	56.98 0.40 0.00	53.82 -0.79 6.19	54.87 -0.75 6.85	56.85 -0.45 7.35	62.00 -0.43 9.28	84.59 -0.17 0.02	80.56 0.16 0.02	79.04 -0.56 0.00	71.64 -0.36 0.00	63.09 -0.44 0.00	55.52 -0.56 0.00	51.25 -0.21 0.00
BOC_GAS_DRP 24189	52.39 1.13 0.00	47.44 1.07 0.00	45.28 1.06 0.00	43.74 1.11 0.00	44.24 1.08 0.00	47.21 1.15 0.00	49.89 1.07 0.00	51.25 0.96 0.00	53.23 0.89 0.00	54.04 0.85 0.00	52.50 0.83 0.00	56.91 0.84 0.06	57.20 0.62 0.00	61.66 0.55 -0.30	63.17 0.62 -0.08	66.09 0.97 -0.47	73.45 1.15 -0.59	86.39 1.61 0.00	82.11 1.69 0.00	80.48 0.88 0.00	72.87 0.86 0.00	64.04 0.51 0.00	56.36 0.28 0.00	52.07 0.62 0.00
BOONVILLE_115KV_TB1 79983	53.00 1.74 0.00	47.85 1.48 0.00	45.55 1.33 0.00	43.82 1.19 0.00	44.46 1.29 0.00	47.53 1.47 0.00	50.62 1.81 0.00	52.10 1.81 0.00	54.07 1.73 0.00	54.89 1.70 0.00	52.86 1.19 0.00	57.53 1.40 0.00	57.88 1.30 0.00	62.26 1.46 0.00	63.72 1.25 0.00	66.01 1.36 0.00	73.58 1.86 0.00	87.75 2.97 0.00	83.63 3.22 0.00	82.95 3.34 0.00	75.39 3.38 0.00	66.65 3.11 0.00	58.32 2.24 0.00	53.31 1.85 0.00
BORALEX_4TH_BRANCH 23824	53.77 2.51 0.00	48.74 2.36 0.00	46.43 2.21 0.00	44.76 2.13 0.00	45.28 2.11 0.00	48.41 2.35 0.00	51.21 2.39 0.00	52.61 2.31 0.00	54.64 2.30 0.00	55.37 2.18 0.00	53.68 2.02 0.00	57.85 1.96 0.24	58.62 2.04 0.00	62.51 2.07 0.37	63.19 2.19 1.46	67.44 2.78 0.00	74.94 3.23 0.00	89.19 4.41 0.00	85.24 4.83 0.00	83.10 3.50 0.00	75.31 3.31 0.00	65.95 2.41 0.00	57.82 1.74 0.00	53.61 2.16 0.00
BOWLINE___1 23526	53.98 2.71 0.00	49.11 2.74 0.00	46.65 2.43 0.00	44.89 2.26 0.00	45.36 2.20 0.00	48.54 2.49 0.00	51.40 2.59 0.00	52.86 2.56 0.00	54.91 2.56 0.00	55.80 2.61 0.00	54.51 2.84 0.00	59.05 2.81 -0.11	59.47 2.88 0.00	64.14 3.16 -0.17	66.53 3.37 -0.69	68.86 4.20 0.00	76.16 4.45 0.00	90.71 5.93 0.00	85.81 5.39 0.00	83.50 3.90 0.00	75.31 3.31 0.00	66.08 2.54 0.00	58.21 2.13 0.00	53.71 2.26 0.00
BOWLINE___2 23595	53.87 2.61 0.00	49.01 2.64 0.00	46.61 2.39 0.00	44.84 2.22 0.00	45.32 2.16 0.00	48.45 2.39 0.00	51.35 2.54 0.00	52.81 2.51 0.00	54.85 2.51 0.00	55.69 2.50 0.00	54.41 2.74 0.00	58.93 2.69 -0.11	59.35 2.77 0.00	64.02 3.04 -0.17	66.41 3.25 -0.69	68.80 4.14 0.00	76.02 4.30 0.00	90.55 5.77 0.00	85.64 5.22 0.00	83.34 3.74 0.00	75.17 3.16 0.00	65.95 2.41 0.00	58.15 2.08 0.00	53.66 2.21 0.00
BRADY___115KV_TB2 356060	51.47 0.21 0.00	46.79 0.42 0.00	44.66 0.44 0.00	43.01 0.38 0.00	43.64 0.47 0.00	46.52 0.46 0.00	49.40 0.59 0.00	51.05 0.75 0.00	53.07 0.73 0.00	53.78 0.59 0.00	52.13 0.47 0.00	56.29 0.17 0.00	56.86 0.28 0.00	61.05 0.24 0.00	62.47 0.00 0.00	63.94 -0.71 0.00	70.71 -1.00 0.00	83.34 -1.44 0.00	78.97 -1.45 0.00	79.52 -0.08 0.00	72.43 0.43 0.00	64.11 0.57 0.00	57.09 1.01 0.00	52.17 0.72 0.00
BRANSCOMB___SOLAR 323811	54.28 3.02 0.00	49.06 2.69 0.00	46.74 2.52 0.00	45.06 2.43 0.00	45.67 2.50 0.00	48.77 2.72 0.00	51.65 2.83 0.00	53.06 2.76 0.00	55.11 2.77 0.00	55.74 2.55 0.00	53.84 2.17 0.00	58.31 2.30 0.12	58.79 2.20 0.00	62.75 2.13 0.18	63.98 2.25 0.73	67.76 3.10 0.00	75.23 3.51 0.00	89.69 4.92 0.00	85.81 5.39 0.00	84.14 4.53 0.00	76.25 4.25 0.00	67.28 3.75 0.00	58.88 2.80 0.00	54.18 2.73 0.00
BRDGHMPT_69_KV_BK1 55812	60.38 6.20 -2.92	54.72 6.21 -2.14	53.32 5.66 -3.44	49.09 5.41 -1.04	49.78 5.40 -1.22	52.26 5.94 -0.26	54.97 6.15 0.00	56.64 6.34 -0.01	59.38 6.23 -0.81	64.07 6.54 -4.34	69.81 6.72 -11.42	200.47 7.46 -136.88	229.84 7.41 -165.85	254.93 7.42 -186.71	254.40 7.87 -184.06	266.24 8.79 -192.79	290.27 9.54 -209.01	318.85 12.12 -221.94	300.98 11.10 -209.46	310.77 9.47 -221.69	249.06 8.21 -168.85	287.79 6.61 -217.65	67.10 6.11 -4.91	57.01 5.97 0.41

BRENTWOD_69_KV_W. BRTWOOD 56703	59.64 4.87 -3.51	53.69 5.19 -2.13	52.44 4.78 -3.44	48.19 4.52 -1.04	48.88 4.49 -1.22	51.20 4.88 -0.26	53.84 5.03 0.00	55.33 5.03 0.00	57.64 4.34 -0.95	63.06 4.52 -5.35	58.39 4.34 -2.38	89.54 4.77 -28.64	99.59 4.53 -38.48	104.57 4.68 -39.08	107.83 5.00 -40.36	111.92 5.75 -41.51	124.87 6.45 -46.70	139.88 8.22 -46.88	132.22 7.72 -44.08	132.31 6.13 -46.58	113.45 5.18 -36.27	113.58 4.19 -45.85	61.04 3.93 -1.03	55.68 4.22 -0.01
BRISTLHL_115KV_TB1 79998	50.65 -0.62 0.00	45.54 -0.83 0.00	43.38 -0.84 0.00	41.78 -0.85 0.00	42.30 -0.86 0.00	45.14 -0.92 0.00	47.99 -0.83 0.00	49.29 -1.01 0.00	51.19 -1.15 0.00	52.13 -1.06 0.00	50.48 -1.19 0.00	55.06 -1.07 0.00	55.45 -1.13 0.00	59.71 -1.09 0.00	61.34 -1.12 0.00	63.69 -0.97 0.00	70.85 -0.86 0.00	84.35 -0.42 0.00	80.10 -0.32 0.00	79.20 -0.40 0.00	71.42 -0.58 0.00	63.15 -0.38 0.00	55.41 -0.67 0.00	50.78 -0.67 0.00
BROOKHAVEN___DRP 24191	58.98 4.82 -2.91	53.61 5.10 -2.14	52.31 4.64 -3.44	48.06 4.39 -1.04	48.75 4.36 -1.22	51.11 4.79 -0.26	53.75 4.93 0.00	55.23 4.93 -0.01	57.55 4.40 -0.81	62.03 4.52 -4.32	67.52 4.50 -11.36	197.14 4.94 -136.08	226.28 4.81 -164.89	251.41 4.99 -185.62	250.83 5.37 -182.99	262.40 6.08 -191.67	286.33 6.81 -207.80	314.08 8.65 -220.65	296.78 8.12 -208.24	306.69 6.69 -220.40	245.63 5.76 -167.87	284.62 4.70 -216.38	65.07 4.09 -4.89	55.22 4.17 0.40
BROOKLYN_NAVY_YARD 23515	54.70 3.43 0.00	49.89 3.52 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.93 2.76 0.00	49.14 3.09 0.00	52.18 3.37 0.00	53.66 3.37 0.00	55.74 3.40 0.00	56.60 3.41 0.00	55.39 3.72 0.00	59.84 3.60 -0.12	60.26 3.68 0.00	64.94 3.95 -0.18	67.46 4.25 -0.74	69.96 5.30 0.00	77.16 5.45 0.00	91.73 6.95 0.00	86.69 6.28 0.00	84.14 4.53 0.00	75.89 3.89 0.00	66.65 3.11 0.00	59.16 3.08 0.00	54.59 3.14 0.00
BROOKLYN___ARMY_DRP 323595	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.27 2.93 0.00	56.28 3.09 0.00	55.44 3.77 0.00	59.67 3.42 -0.12	60.04 3.45 0.00	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
BROOME_2_LFGE 323671	52.18 0.92 0.00	46.79 0.42 0.00	44.57 0.35 0.00	42.89 0.26 0.00	43.47 0.30 0.00	46.38 0.32 0.00	49.25 0.44 0.00	50.39 0.10 0.00	52.50 0.16 0.00	53.56 0.37 0.00	52.03 0.36 0.00	56.85 0.73 0.00	57.54 0.96 0.00	62.02 1.22 0.00	63.72 1.25 0.00	66.27 1.62 0.00	73.65 1.94 0.00	87.92 3.14 0.00	83.47 3.06 0.00	82.15 2.55 0.00	73.95 1.94 0.00	65.19 1.65 0.00	56.86 0.78 0.00	52.38 0.93 0.00
BROOME___LFGE 323600	52.18 0.92 0.00	46.79 0.42 0.00	44.57 0.35 0.00	42.89 0.26 0.00	43.47 0.30 0.00	46.38 0.32 0.00	49.25 0.44 0.00	50.39 0.10 0.00	52.50 0.16 0.00	53.56 0.37 0.00	52.03 0.36 0.00	56.85 0.73 0.00	57.54 0.96 0.00	62.02 1.22 0.00	63.72 1.25 0.00	66.27 1.62 0.00	73.65 1.94 0.00	87.92 3.14 0.00	83.47 3.06 0.00	82.15 2.55 0.00	73.95 1.94 0.00	65.19 1.65 0.00	56.86 0.78 0.00	52.38 0.93 0.00
BROWNFLS_115KV_TB_3_5 80003	52.03 0.77 0.00	47.07 0.70 0.00	44.88 0.66 0.00	43.18 0.55 0.00	43.90 0.73 0.00	46.84 0.78 0.00	49.94 1.12 0.00	51.55 1.26 0.00	53.55 1.20 0.00	54.20 1.01 0.00	51.93 0.26 0.00	56.29 0.17 0.00	56.69 0.11 0.00	60.93 0.12 0.00	62.09 -0.37 0.00	63.69 -0.97 0.00	70.64 -1.08 0.00	83.85 -0.93 0.00	79.69 -0.72 0.00	79.84 0.24 0.00	73.30 1.30 0.00	65.00 1.46 0.00	57.59 1.51 0.00	52.64 1.18 0.00
BROWNSV1_27_KV_LOAD 356125	55.36 4.10 0.00	50.41 4.03 0.00	47.80 3.58 0.00	45.95 3.33 0.00	46.40 3.24 0.00	49.65 3.59 0.00	52.62 3.81 0.00	54.22 3.92 0.00	56.27 3.93 0.00	57.18 3.99 0.00	56.01 4.34 0.00	60.63 4.38 -0.12	61.05 4.47 0.00	65.79 4.80 -0.18	68.33 5.12 -0.74	70.47 5.82 0.00	78.17 6.45 0.00	92.75 7.97 0.00	87.82 7.40 0.00	85.33 5.73 0.00	76.90 4.90 0.00	67.41 3.88 0.00	59.72 3.65 0.00	55.31 3.86 0.00
BURROWS___LYONSDAL 23803	53.00 1.74 0.00	47.81 1.44 0.00	45.50 1.28 0.00	43.82 1.19 0.00	44.46 1.29 0.00	47.48 1.43 0.00	50.62 1.81 0.00	52.10 1.81 0.00	54.07 1.73 0.00	54.84 1.65 0.00	52.65 0.98 0.00	57.30 1.18 0.00	57.60 1.02 0.00	61.96 1.16 0.00	63.41 0.94 0.00	65.63 0.97 0.00	73.15 1.43 0.00	87.32 2.54 0.00	83.23 2.81 0.00	82.63 3.02 0.00	75.31 3.31 0.00	66.65 3.11 0.00	58.32 2.24 0.00	53.31 1.85 0.00
CAITHNESS_CC_1 323624	58.82 4.66 -2.89	53.56 5.06 -2.14	52.26 4.60 -3.44	48.02 4.35 -1.04	48.70 4.32 -1.22	51.02 4.70 -0.26	53.80 4.98 -0.01	55.09 4.78 -0.02	57.65 4.50 -0.81	61.69 4.20 -4.30	67.35 4.39 -11.29	196.13 4.72 -135.29	225.15 4.64 -163.93	250.27 4.92 -184.54	249.57 5.18 -181.92	261.47 6.27 -190.55	284.89 6.59 -206.58	312.69 8.56 -219.35	295.32 7.89 -207.02	304.99 6.29 -219.10	244.43 5.54 -166.89	283.16 4.51 -215.11	65.10 4.15 -4.87	54.97 3.91 0.40
CALPINE BETH_PAGE_GT4 24209	60.28 4.15 -4.86	52.67 4.17 -2.13	51.60 3.94 -3.44	47.42 3.75 -1.04	48.06 3.67 -1.22	50.37 4.05 -0.26	52.82 4.00 0.00	54.32 4.02 0.00	56.16 3.77 -0.05	57.31 3.83 -0.30	55.80 3.98 -0.15	62.29 4.27 -1.90	77.26 4.30 -16.38	68.03 4.62 -2.61	75.61 4.94 -8.21	77.54 5.63 -7.26	92.03 6.24 -14.08	97.68 7.88 -5.02	91.97 7.40 -4.15	89.53 5.81 -4.12	83.00 4.97 -6.03	72.04 4.00 -4.50	63.04 3.42 -3.55	55.19 3.70 -0.04
CALPINE_BETH_PAGE_GT_4 323586	60.23 4.10 -4.86	52.67 4.18 -2.13	51.60 3.93 -3.44	47.38 3.71 -1.04	48.05 3.67 -1.22	50.38 4.05 -0.26	52.92 4.10 -0.01	54.33 4.03 -0.01	56.32 3.93 -0.05	57.21 3.72 -0.30	55.80 3.98 -0.15	62.24 4.21 -1.90	77.26 4.30 -16.38	68.04 4.62 -2.61	75.61 4.93 -8.21	77.86 5.94 -7.26	92.03 6.24 -14.08	97.94 8.14 -5.02	91.96 7.39 -4.15	89.46 5.73 -4.12	83.00 4.96 -6.03	72.04 4.01 -4.50	63.27 3.64 -3.55	55.04 3.55 -0.04
CALPINE_BP_GT1 23823	60.23 4.10 -4.86	52.67 4.18 -2.13	51.60 3.93 -3.44	47.38 3.71 -1.04	48.05 3.67 -1.22	50.38 4.05 -0.26	52.92 4.10 -0.01	54.33 4.03 -0.01	56.32 3.93 -0.05	57.21 3.72 -0.30	55.80 3.98 -0.15	62.24 4.21 -1.90	77.26 4.30 -16.38	68.04 4.62 -2.61	75.61 4.93 -8.21	77.86 5.94 -7.26	92.03 6.24 -14.08	97.94 8.14 -5.02	91.96 7.39 -4.15	89.46 5.73 -4.12	83.00 4.96 -6.03	72.04 4.01 -4.50	63.27 3.64 -3.55	55.04 3.55 -0.04
CALSPAN___DRP 24200	51.47 0.21 0.00	45.17 -1.21 0.00	42.85 -1.37 0.00	40.84 -1.79 0.00	41.61 -1.55 0.00	44.26 -1.80 0.00	47.40 -1.42 0.00	47.73 -2.56 0.00	50.20 -2.15 0.00	51.12 -2.07 0.00	50.17 -1.50 0.00	55.34 -0.79 0.00	56.69 0.11 0.00	61.47 0.67 0.00	63.41 0.94 0.00	65.69 1.03 0.00	73.22 1.51 0.00	87.58 2.80 0.00	83.55 3.14 0.00	81.91 2.31 0.00	73.23 1.22 0.00	64.62 1.08 0.00	56.19 0.11 0.00	51.71 0.26 0.00

CALVERTON___SOLAR 323806	59.09 4.92 -2.91	53.75 5.24 -2.14	52.40 4.73 -3.44	48.19 4.52 -1.04	48.88 4.49 -1.22	51.20 4.88 -0.26	54.00 5.17 -0.01	55.34 5.03 -0.02	57.97 4.81 -0.81	62.04 4.52 -4.33	67.81 4.75 -11.39	197.71 5.16 -136.42	226.91 5.03 -165.29	252.12 5.23 -186.09	251.53 5.62 -183.44	263.52 6.72 -192.14	287.12 7.10 -208.31	315.22 9.24 -221.20	297.78 8.61 -208.76	307.55 7.01 -220.94	246.40 6.12 -168.28	285.41 4.96 -216.92	65.52 4.54 -4.90	55.32 4.27 0.41
CANDIGU_WT_PWR 323617	52.13 0.87 0.00	46.23 -0.14 0.00	43.91 -0.31 0.00	42.07 -0.56 0.00	42.69 -0.47 0.00	45.60 -0.46 0.00	48.57 -0.24 0.00	49.09 -1.21 0.00	51.08 -1.26 0.00	51.91 -1.28 0.00	50.64 -1.03 0.00	55.79 -0.33 0.00	56.92 0.34 0.00	61.54 0.73 0.00	63.34 0.87 0.00	65.82 1.17 0.00	73.51 1.79 0.00	88.17 3.39 0.00	83.95 3.53 0.00	82.79 3.19 0.00	74.30 2.30 0.00	65.51 1.97 0.00	56.81 0.73 0.00	52.48 1.03 0.00
CARR STREET_E_SYR 24060	51.11 -0.15 0.00	45.91 -0.46 0.00	43.73 -0.49 0.00	42.12 -0.51 0.00	42.65 -0.52 0.00	45.51 -0.55 0.00	48.37 -0.44 0.00	49.74 -0.55 0.00	51.77 -0.57 0.00	52.71 -0.48 0.00	51.15 -0.52 0.00	55.67 -0.45 0.00	56.19 -0.39 0.00	60.44 -0.36 0.00	62.10 -0.37 0.00	64.53 -0.13 0.00	71.64 -0.07 0.00	85.45 0.68 0.00	81.06 0.64 0.00	80.00 0.40 0.00	72.07 0.07 0.00	63.66 0.13 0.00	55.80 -0.28 0.00	51.35 -0.10 0.00
CARTHAGE___PAPER 23857	53.10 1.84 0.00	47.90 1.53 0.00	45.59 1.37 0.00	43.87 1.24 0.00	44.59 1.42 0.00	47.67 1.61 0.00	50.87 2.05 0.00	52.41 2.11 0.00	54.17 1.83 0.00	54.78 1.59 0.00	51.15 -0.52 0.00	55.67 -0.45 0.00	55.90 -0.68 0.00	60.08 -0.73 0.00	61.35 -1.12 0.00	63.29 -1.36 0.00	70.57 -1.15 0.00	84.27 -0.51 0.00	80.82 0.40 0.00	80.95 1.35 0.00	75.81 3.81 0.00	67.16 3.62 0.00	58.77 2.69 0.00	53.66 2.21 0.00
CASSADAGA_WT_PWR 323784	51.88 0.62 0.00	45.35 -1.02 0.00	42.98 -1.24 0.00	41.01 -1.62 0.00	41.78 -1.38 0.00	44.68 -1.38 0.00	47.94 -0.88 0.00	48.53 -1.76 0.00	51.24 -1.10 0.00	52.23 -0.96 0.00	51.25 -0.42 0.00	56.69 0.56 0.00	58.00 1.42 0.00	62.75 1.95 0.00	65.28 2.81 0.00	67.63 2.98 0.00	75.44 3.73 0.00	90.55 5.77 0.00	86.21 5.79 0.00	84.54 4.94 0.00	75.60 3.60 0.00	66.46 2.92 0.00	57.26 1.18 0.00	53.25 1.80 0.00
CE_DUNWOOD___DRP 24194	54.44 3.18 0.00	49.52 3.15 0.00	47.05 2.83 0.00	45.27 2.64 0.00	45.71 2.55 0.00	48.91 2.86 0.00	51.79 2.98 0.00	53.31 3.02 0.00	55.32 2.98 0.00	56.22 3.03 0.00	54.92 3.26 0.00	59.50 3.26 -0.12	59.92 3.34 0.00	64.64 3.65 -0.18	67.14 3.94 -0.74	69.18 4.53 0.00	76.81 5.09 0.00	91.22 6.44 0.00	86.45 6.03 0.00	84.14 4.54 0.00	75.82 3.82 0.00	66.46 2.92 0.00	58.66 2.58 0.00	54.28 2.83 0.00
CE_MILLWOOD___DRP 24193	54.29 3.02 0.00	49.34 2.97 0.00	46.92 2.70 0.00	45.14 2.52 0.00	45.62 2.46 0.00	48.77 2.72 0.00	51.65 2.83 0.00	53.16 2.87 0.00	55.17 2.83 0.00	56.06 2.87 0.00	54.77 3.10 0.00	59.33 3.09 -0.12	59.75 3.17 0.00	64.45 3.47 -0.18	66.89 3.69 -0.73	68.92 4.27 0.00	76.52 4.80 0.00	90.97 6.19 0.00	86.21 5.79 0.00	83.90 4.30 0.00	75.67 3.67 0.00	66.33 2.80 0.00	58.49 2.41 0.00	54.13 2.68 0.00
CE_NYC2_DRP 24202	54.64 3.38 0.00	50.08 3.71 0.00	47.54 3.32 0.00	45.74 3.11 0.00	46.14 2.98 0.00	49.37 3.32 0.00	52.13 3.32 0.00	53.51 3.22 0.00	55.38 3.04 0.00	56.33 3.14 0.00	55.44 3.77 0.00	59.61 3.37 -0.12	59.92 3.34 0.00	64.52 3.53 -0.18	67.02 3.81 -0.74	68.89 4.33 0.09	73.18 4.80 3.34	85.18 6.02 5.62	70.82 5.55 15.14	66.99 3.90 16.52	66.04 3.31 9.27	61.98 2.60 4.16	58.83 2.75 0.00	54.69 3.24 0.00
CE_NYC_DRP 24195	54.90 3.64 0.00	49.94 3.57 0.00	47.40 3.18 0.00	45.57 2.94 0.00	46.05 2.89 0.00	49.23 3.18 0.00	52.23 3.42 0.00	53.76 3.47 0.00	55.80 3.45 0.00	56.70 3.51 0.00	55.49 3.82 0.00	60.06 3.82 -0.12	60.43 3.85 0.00	65.19 4.20 -0.18	67.64 4.44 -0.74	69.76 5.11 0.00	77.38 5.67 0.00	91.73 6.95 0.00	86.85 6.43 0.00	84.38 4.78 0.00	76.11 4.10 0.00	66.71 3.18 0.00	59.11 3.03 0.00	54.80 3.34 0.00
CHAFFEE___LFGE 323603	51.57 0.31 0.00	45.26 -1.11 0.00	42.94 -1.28 0.00	41.05 -1.58 0.00	41.70 -1.47 0.00	44.44 -1.61 0.00	47.50 -1.32 0.00	47.93 -2.36 0.00	50.30 -2.04 0.00	51.28 -1.91 0.00	50.38 -1.29 0.00	55.74 -0.39 0.00	57.03 0.45 0.00	61.78 0.97 0.00	63.72 1.25 0.00	66.08 1.42 0.00	73.65 1.94 0.00	88.26 3.48 0.00	84.04 3.62 0.00	82.39 2.78 0.00	73.66 1.66 0.00	64.81 1.27 0.00	56.19 0.11 0.00	52.33 0.87 0.00
CHATEAUG_35_KV_LOAD 355732	50.54 -0.72 0.00	46.05 -0.32 0.00	43.95 -0.27 0.00	42.37 -0.26 0.00	42.90 -0.26 0.00	45.73 -0.32 0.00	48.52 -0.29 0.00	49.94 -0.35 0.00	51.87 -0.47 0.00	52.60 -0.59 0.00	51.31 -0.36 0.00	55.40 -0.73 0.00	55.96 -0.62 0.00	59.89 -0.91 0.00	61.41 -1.06 0.00	63.10 -1.55 0.00	69.78 -1.94 0.00	82.07 -2.71 0.00	77.52 -2.90 0.00	77.69 -1.91 0.00	70.63 -1.37 0.00	62.33 -1.21 0.00	55.52 -0.56 0.00	50.78 -0.67 0.00
CHATEAUG_WT_PWR 323614	50.65 -0.61 0.00	45.95 -0.42 0.00	43.91 -0.31 0.00	42.29 -0.34 0.00	42.82 -0.35 0.00	45.69 -0.37 0.00	48.42 -0.39 0.00	49.84 -0.45 0.00	51.82 -0.52 0.00	52.55 -0.64 0.00	51.15 -0.52 0.00	55.29 -0.84 0.00	55.84 -0.74 0.00	59.77 -1.03 0.00	61.28 -1.19 0.00	62.78 -1.88 0.00	69.63 -2.08 0.00	81.47 -3.31 0.00	77.28 -3.14 0.00	77.37 -2.23 0.00	70.27 -1.73 0.00	62.01 -1.53 0.00	55.29 -0.79 0.00	50.89 -0.56 0.00
CHAT_HIGH_FALL_HYD 323578	50.54 -0.72 0.00	46.05 -0.32 0.00	43.95 -0.27 0.00	42.37 -0.26 0.00	42.90 -0.26 0.00	45.73 -0.32 0.00	48.52 -0.29 0.00	49.94 -0.35 0.00	51.87 -0.47 0.00	52.60 -0.59 0.00	51.31 -0.36 0.00	55.40 -0.73 0.00	55.96 -0.62 0.00	59.89 -0.91 0.00	61.41 -1.06 0.00	63.10 -1.55 0.00	69.78 -1.94 0.00	82.07 -2.71 0.00	77.52 -2.90 0.00	77.69 -1.91 0.00	70.63 -1.37 0.00	62.33 -1.21 0.00	55.52 -0.56 0.00	50.78 -0.67 0.00
CHAUTAUQUA___LFGE 323629	52.03 0.77 0.00	45.63 -0.74 0.00	43.29 -0.93 0.00	41.35 -1.28 0.00	42.04 -1.12 0.00	44.91 -1.15 0.00	48.03 -0.78 0.00	48.53 -1.76 0.00	51.08 -1.26 0.00	52.07 -1.12 0.00	51.10 -0.57 0.00	56.52 0.40 0.00	57.77 1.19 0.00	62.57 1.76 0.00	64.65 2.19 0.00	66.98 2.32 0.00	74.73 3.01 0.00	89.61 4.83 0.00	85.32 4.91 0.00	83.66 4.06 0.00	74.81 2.81 0.00	65.89 2.35 0.00	56.86 0.78 0.00	52.89 1.44 0.00
CHERRYST_13_KV_LD 356241	55.11 3.84 0.00	50.13 3.76 0.00	47.58 3.36 0.00	45.74 3.11 0.00	46.18 3.02 0.00	49.42 3.36 0.00	52.43 3.61 0.00	54.02 3.72 0.00	56.11 3.77 0.00	56.97 3.78 0.00	55.80 4.13 0.00	60.40 4.15 -0.12	60.83 4.24 0.00	65.55 4.56 -0.18	68.08 4.87 -0.74	70.15 5.50 0.00	77.81 6.10 0.00	92.24 7.46 0.00	87.33 6.92 0.00	84.78 5.17 0.00	76.47 4.46 0.00	67.03 3.49 0.00	59.39 3.31 0.00	55.00 3.55 0.00

CHESTROR_138KV_BK263 355645	53.67 2.41 0.00	48.74 2.36 0.00	46.34 2.12 0.00	44.63 2.00 0.00	45.11 1.94 0.00	48.22 2.16 0.00	51.06 2.25 0.00	52.51 2.21 0.00	54.54 2.20 0.00	55.42 2.23 0.00	54.05 2.38 0.00	58.59 2.36 -0.10	59.01 2.43 0.00	63.58 2.61 -0.16	65.91 2.81 -0.63	68.02 3.36 0.00	75.59 3.87 0.00	89.87 5.09 0.00	85.24 4.83 0.00	83.18 3.58 0.00	75.03 3.02 0.00	65.82 2.29 0.00	57.98 1.91 0.00	53.61 2.16 0.00
CH_MIDHUDSON___DRP 24192	54.08 2.82 0.00	49.11 2.74 0.00	46.70 2.48 0.00	44.97 2.34 0.00	45.45 2.29 0.00	48.64 2.58 0.00	51.45 2.64 0.00	52.96 2.67 0.00	54.96 2.62 0.00	55.85 2.66 0.00	54.36 2.69 0.00	58.91 2.69 -0.09	59.30 2.72 0.00	63.86 2.92 -0.13	66.00 3.00 -0.53	68.28 3.62 0.00	75.87 4.16 0.00	90.29 5.51 0.00	85.64 5.23 0.00	83.50 3.90 0.00	75.31 3.31 0.00	66.08 2.54 0.00	58.38 2.30 0.00	54.08 2.62 0.00
CH_MISC_IPPS 23765	54.39 3.13 0.00	49.38 3.01 0.00	46.96 2.74 0.00	45.19 2.56 0.00	45.67 2.50 0.00	48.87 2.81 0.00	51.79 2.98 0.00	53.26 2.97 0.00	55.32 2.98 0.00	56.17 2.98 0.00	54.56 2.89 0.00	59.08 2.86 -0.10	59.47 2.88 0.00	63.87 2.92 -0.14	65.86 2.81 -0.58	68.34 3.68 0.00	75.73 4.01 0.00	90.46 5.68 0.00	85.57 5.15 0.00	83.34 3.74 0.00	75.17 3.16 0.00	66.14 2.61 0.00	58.71 2.64 0.00	54.38 2.93 0.00
CH_RES_BVR_FALLS 23983	51.01 -0.26 0.00	46.19 -0.18 0.00	44.09 -0.13 0.00	42.50 -0.13 0.00	43.03 -0.13 0.00	45.92 -0.14 0.00	48.67 -0.15 0.00	50.19 -0.10 0.00	52.24 -0.10 0.00	53.08 -0.11 0.00	51.57 -0.10 0.00	55.96 -0.17 0.00	56.41 -0.17 0.00	60.56 -0.24 0.00	62.22 -0.25 0.00	64.14 -0.52 0.00	71.14 -0.58 0.00	83.77 -1.01 0.00	79.53 -0.88 0.00	79.05 -0.55 0.00	71.57 -0.43 0.00	63.16 -0.38 0.00	55.91 -0.17 0.00	51.20 -0.26 0.00
CH_RES_NIAGARA 23895	49.52 -1.74 0.00	43.45 -2.92 0.00	41.26 -2.96 0.00	39.90 -2.73 0.00	40.57 -2.59 0.00	43.16 -2.90 0.00	45.64 -3.17 0.00	45.92 -4.38 0.00	48.31 -4.03 0.00	49.20 -3.99 0.00	48.31 -3.36 0.00	53.26 -2.86 0.00	54.54 -2.04 0.00	59.04 -1.76 0.00	60.84 -1.62 0.00	62.91 -1.75 0.00	69.92 -1.79 0.00	83.68 -1.10 0.00	79.77 -0.64 0.00	78.25 -1.35 0.00	70.06 -1.94 0.00	61.95 -1.59 0.00	54.17 -1.91 0.00	49.81 -1.65 0.00
CH_RES_SYRACUSE 23985	51.41 0.15 0.00	46.23 -0.14 0.00	44.00 -0.22 0.00	42.38 -0.25 0.00	42.91 -0.26 0.00	45.74 -0.32 0.00	48.62 -0.19 0.00	49.99 -0.30 0.00	51.98 -0.36 0.00	52.93 -0.26 0.00	51.25 -0.42 0.00	56.01 -0.11 0.00	56.47 -0.11 0.00	60.81 0.00 0.00	62.47 0.00 0.00	64.91 0.26 0.00	72.15 0.43 0.00	86.05 1.27 0.00	81.63 1.21 0.00	80.63 1.03 0.00	72.65 0.65 0.00	64.17 0.64 0.00	56.25 0.17 0.00	51.61 0.15 0.00
CLINTON_WT_PWR 323605	50.65 -0.61 0.00	45.95 -0.42 0.00	43.91 -0.31 0.00	42.29 -0.34 0.00	42.82 -0.35 0.00	45.69 -0.37 0.00	48.42 -0.39 0.00	49.84 -0.45 0.00	51.82 -0.52 0.00	52.55 -0.64 0.00	51.15 -0.52 0.00	55.29 -0.84 0.00	55.84 -0.74 0.00	59.77 -1.03 0.00	61.28 -1.19 0.00	62.78 -1.88 0.00	69.63 -2.08 0.00	81.47 -3.31 0.00	77.28 -3.14 0.00	77.37 -2.23 0.00	70.27 -1.73 0.00	62.01 -1.53 0.00	55.29 -0.79 0.00	50.89 -0.56 0.00
CLINTON___LFGE 323618	51.06 -0.20 0.00	46.32 -0.05 0.00	44.22 0.00 0.00	42.59 -0.04 0.00	43.16 0.00 0.00	46.01 -0.05 0.00	48.82 0.00 0.00	49.99 -0.30 0.00	51.82 -0.52 0.00	52.55 -0.64 0.00	51.31 -0.36 0.00	55.29 -0.84 0.00	55.84 -0.74 0.00	59.71 -1.09 0.00	61.15 -1.31 0.00	62.72 -1.94 0.00	69.63 -2.08 0.00	81.81 -2.97 0.00	77.44 -2.97 0.00	77.61 -1.99 0.00	70.56 -1.44 0.00	62.14 -1.40 0.00	55.52 -0.56 0.00	51.30 -0.15 0.00
COBBLENY_34_KV_TB1 80064	51.57 0.31 0.00	45.26 -1.11 0.00	42.94 -1.28 0.00	40.92 -1.71 0.00	41.70 -1.47 0.00	44.40 -1.66 0.00	47.55 -1.27 0.00	47.88 -2.41 0.00	50.30 -2.04 0.00	51.28 -1.91 0.00	50.33 -1.34 0.00	55.56 -0.56 0.00	56.86 0.28 0.00	61.78 0.97 0.00	63.72 1.25 0.00	66.01 1.36 0.00	73.58 1.86 0.00	88.00 3.22 0.00	84.04 3.62 0.00	82.31 2.71 0.00	73.59 1.58 0.00	64.87 1.33 0.00	56.30 0.22 0.00	51.86 0.41 0.00
COFFEEN___115KV_TB3 355620	53.87 2.61 0.00	48.50 2.13 0.00	46.12 1.90 0.00	44.33 1.71 0.00	45.06 1.90 0.00	48.18 2.12 0.00	51.55 2.73 0.00	53.01 2.72 0.00	54.75 2.41 0.00	55.37 2.18 0.00	52.34 0.67 0.00	57.08 0.95 0.00	57.26 0.68 0.00	61.60 0.79 0.00	62.78 0.31 0.00	64.98 0.32 0.00	72.58 0.86 0.00	87.24 2.46 0.00	83.79 3.38 0.00	83.98 4.38 0.00	77.40 5.40 0.00	68.56 5.02 0.00	59.67 3.59 0.00	54.33 2.88 0.00
COLDSPRG_115KV_BK1 355956	52.49 1.23 0.00	46.00 -0.37 0.00	43.60 -0.62 0.00	41.52 -1.11 0.00	42.39 -0.78 0.00	45.27 -0.78 0.00	48.57 -0.24 0.00	48.84 -1.46 0.00	51.45 -0.89 0.00	52.39 -0.80 0.00	51.41 -0.26 0.00	56.69 0.56 0.00	58.00 1.41 0.00	62.99 2.19 0.00	65.22 2.75 0.00	67.50 2.84 0.00	75.44 3.73 0.00	90.20 5.43 0.00	86.13 5.71 0.00	84.38 4.78 0.00	75.46 3.46 0.00	66.46 2.92 0.00	57.31 1.23 0.00	53.00 1.54 0.00
COLONIE_LFGE___ 323577	53.41 2.15 0.00	48.36 1.99 0.00	46.08 1.86 0.00	44.42 1.79 0.00	44.98 1.81 0.00	48.08 2.02 0.00	50.82 2.00 0.00	52.25 1.96 0.00	54.28 1.94 0.00	55.00 1.81 0.00	53.32 1.65 0.00	57.61 1.63 0.14	58.22 1.64 0.00	62.23 1.64 0.22	63.29 1.69 0.87	67.11 2.46 0.00	74.37 2.66 0.00	88.60 3.82 0.00	84.44 4.02 0.00	82.55 2.95 0.00	74.81 2.81 0.00	65.76 2.22 0.00	57.71 1.63 0.00	53.20 1.75 0.00
COOPERNY_115KV_TB1 80082	53.05 1.79 0.00	48.09 1.72 0.00	45.81 1.59 0.00	44.12 1.49 0.00	44.63 1.47 0.00	47.67 1.61 0.00	50.47 1.66 0.00	51.90 1.61 0.00	53.96 1.62 0.00	54.84 1.65 0.00	53.43 1.76 0.00	57.94 1.74 -0.07	58.39 1.81 0.00	62.92 2.01 -0.11	65.03 2.12 -0.43	67.24 2.59 0.00	74.66 2.94 0.00	88.68 3.90 0.00	84.20 3.78 0.00	82.39 2.79 0.00	74.38 2.38 0.00	65.38 1.84 0.00	57.48 1.40 0.00	53.05 1.60 0.00
COPENHAGEN_WT_PWR 323753	53.21 1.95 0.00	47.95 1.58 0.00	45.63 1.41 0.00	43.87 1.24 0.00	44.54 1.38 0.00	47.62 1.57 0.00	50.91 2.10 0.00	52.36 2.06 0.00	54.12 1.78 0.00	54.78 1.59 0.00	51.93 0.26 0.00	56.57 0.45 0.00	56.81 0.23 0.00	61.11 0.31 0.00	62.34 -0.12 0.00	64.59 -0.06 0.00	72.00 0.29 0.00	86.22 1.44 0.00	82.67 2.25 0.00	82.70 3.10 0.00	76.10 4.10 0.00	67.41 3.88 0.00	58.83 2.75 0.00	53.71 2.26 0.00
CORNELL_____ 23752	52.70 1.44 0.00	47.25 0.88 0.00	44.97 0.75 0.00	43.27 0.64 0.00	43.85 0.69 0.00	46.79 0.74 0.00	49.84 1.03 0.00	51.05 0.75 0.00	53.02 0.68 0.00	53.83 0.64 0.00	52.13 0.47 0.00	56.97 0.84 0.00	57.60 1.02 0.00	62.08 1.28 0.00	63.78 1.31 0.00	66.27 1.62 0.00	73.94 2.22 0.00	88.51 3.73 0.00	84.44 4.02 0.00	83.42 3.82 0.00	75.03 3.02 0.00	66.27 2.73 0.00	57.76 1.68 0.00	52.89 1.44 0.00

CORONA__69_KV_TB1 355595	76.27 4.56 -20.45	52.81 4.31 -2.13	51.56 3.89 -3.44	47.34 3.67 -1.04	48.06 3.67 -1.22	50.33 4.01 -0.26	53.06 4.25 0.00	54.57 4.27 0.00	56.42 4.08 0.00	57.34 4.15 0.00	56.06 4.39 0.00	60.91 4.66 -0.12	130.55 4.70 -69.27	66.04 5.05 -0.18	93.41 5.43 -25.50	93.87 6.08 -23.13	133.95 6.88 -55.35	103.74 8.56 -10.40	95.50 8.12 -6.96	92.16 6.53 -6.04	96.44 5.76 -18.68	76.31 4.64 -8.14	75.16 4.04 -15.05	55.77 4.27 -0.05
CORTLAND__115KV_TB3 80093	52.29 1.03 0.00	46.93 0.56 0.00	44.71 0.49 0.00	43.01 0.38 0.00	43.59 0.43 0.00	46.52 0.46 0.00	49.50 0.68 0.00	50.75 0.45 0.00	52.76 0.42 0.00	53.67 0.48 0.00	52.03 0.36 0.00	56.80 0.67 0.00	57.32 0.74 0.00	61.78 0.97 0.00	63.41 0.94 0.00	65.88 1.23 0.00	73.44 1.72 0.00	87.58 2.80 0.00	83.39 2.98 0.00	82.31 2.71 0.00	74.16 2.16 0.00	65.44 1.91 0.00	57.20 1.12 0.00	52.43 0.98 0.00
COXSACKIE__GT 23611	54.28 3.02 0.00	49.06 2.69 0.00	46.74 2.52 0.00	45.02 2.39 0.00	45.58 2.42 0.00	48.77 2.72 0.00	51.35 2.54 0.00	52.76 2.46 0.00	54.54 2.20 0.00	55.00 1.81 0.00	53.11 1.44 0.00	58.05 1.96 0.04	57.48 0.90 0.00	54.38 1.40 7.83	55.46 1.50 8.51	57.62 2.32 9.36	62.62 2.72 11.82	89.33 4.57 0.02	84.82 4.42 0.02	83.42 3.82 0.00	75.39 3.38 0.00	66.71 3.18 0.00	58.49 2.41 0.00	53.71 2.26 0.00
CPV_VALLEY__CC1 323721	53.21 1.95 0.00	48.32 1.95 0.00	45.99 1.77 0.00	44.29 1.66 0.00	44.76 1.60 0.00	47.85 1.79 0.00	50.67 1.85 0.00	52.10 1.81 0.00	54.17 1.83 0.00	55.00 1.81 0.00	53.63 1.96 0.00	58.13 1.91 -0.09	58.56 1.98 0.00	63.07 2.13 -0.14	65.34 2.31 -0.56	67.69 3.04 0.00	74.95 3.23 0.00	89.18 4.41 0.00	84.44 4.02 0.00	82.39 2.78 0.00	74.37 2.37 0.00	65.31 1.78 0.00	57.53 1.46 0.00	53.10 1.65 0.00
CPV_VALLEY__CC2 323722	53.21 1.95 0.00	48.32 1.95 0.00	45.99 1.77 0.00	44.29 1.66 0.00	44.76 1.60 0.00	47.85 1.79 0.00	50.67 1.85 0.00	52.10 1.81 0.00	54.17 1.83 0.00	55.00 1.81 0.00	53.63 1.96 0.00	58.13 1.91 -0.09	58.56 1.98 0.00	63.07 2.13 -0.14	65.34 2.31 -0.56	67.69 3.04 0.00	74.95 3.23 0.00	89.18 4.41 0.00	84.44 4.02 0.00	82.39 2.78 0.00	74.37 2.37 0.00	65.31 1.78 0.00	57.53 1.46 0.00	53.10 1.65 0.00
CRESCENT__HYD 24018	53.41 2.15 0.00	48.36 1.99 0.00	46.08 1.86 0.00	44.42 1.79 0.00	44.98 1.81 0.00	48.08 2.02 0.00	50.82 2.00 0.00	52.25 1.96 0.00	54.28 1.94 0.00	55.00 1.81 0.00	53.32 1.65 0.00	57.61 1.63 0.14	58.22 1.64 0.00	62.23 1.64 0.22	63.29 1.69 0.87	67.11 2.46 0.00	74.37 2.66 0.00	88.60 3.82 0.00	84.44 4.02 0.00	82.55 2.95 0.00	74.81 2.81 0.00	65.76 2.22 0.00	57.71 1.63 0.00	53.20 1.75 0.00
CRICKET__VALLEY_CC1 323756	53.31 2.05 0.00	48.51 2.13 0.00	46.12 1.90 0.00	44.42 1.79 0.00	44.93 1.77 0.00	48.04 1.98 0.00	50.82 2.00 0.00	52.25 1.96 0.00	54.28 1.94 0.00	55.05 1.86 0.00	53.63 1.96 0.00	56.32 1.74 1.55	58.39 1.81 0.00	60.40 1.95 2.35	55.21 2.13 9.38	67.57 2.91 0.00	74.73 3.01 0.00	89.10 4.32 0.00	84.52 4.10 0.00	82.22 2.62 0.00	74.30 2.30 0.00	65.13 1.59 0.00	57.37 1.29 0.00	53.05 1.60 0.00
CRICKET__VALLEY_CC2 323757	53.31 2.05 0.00	48.51 2.13 0.00	46.12 1.90 0.00	44.42 1.79 0.00	44.93 1.77 0.00	48.04 1.98 0.00	50.82 2.00 0.00	52.25 1.96 0.00	54.28 1.94 0.00	55.05 1.86 0.00	53.63 1.96 0.00	56.32 1.74 1.55	58.39 1.81 0.00	60.40 1.95 2.35	55.21 2.13 9.38	67.57 2.91 0.00	74.73 3.01 0.00	89.10 4.32 0.00	84.52 4.10 0.00	82.22 2.62 0.00	74.30 2.30 0.00	65.13 1.59 0.00	57.37 1.29 0.00	53.05 1.60 0.00
CRICKET__VALLEY_CC3 323758	53.31 2.05 0.00	48.51 2.13 0.00	46.12 1.90 0.00	44.42 1.79 0.00	44.93 1.77 0.00	48.04 1.98 0.00	50.82 2.00 0.00	52.25 1.96 0.00	54.28 1.94 0.00	55.05 1.86 0.00	53.63 1.96 0.00	56.32 1.74 1.55	58.39 1.81 0.00	60.40 1.95 2.35	55.21 2.13 9.38	67.57 2.91 0.00	74.73 3.01 0.00	89.10 4.32 0.00	84.52 4.10 0.00	82.22 2.62 0.00	74.30 2.30 0.00	65.13 1.59 0.00	57.37 1.29 0.00	53.05 1.60 0.00
CRUCIBLE__METL_DRP 24180	51.41 0.15 0.00	46.23 -0.14 0.00	44.00 -0.22 0.00	42.33 -0.30 0.00	42.90 -0.26 0.00	45.78 -0.28 0.00	48.67 -0.15 0.00	49.99 -0.30 0.00	51.97 -0.37 0.00	52.92 -0.27 0.00	51.26 -0.41 0.00	55.96 -0.17 0.00	56.47 -0.11 0.00	60.81 0.00 0.00	62.47 0.00 0.00	64.85 0.19 0.00	72.15 0.43 0.00	85.97 1.19 0.00	81.62 1.21 0.00	80.64 1.03 0.00	72.65 0.65 0.00	64.17 0.64 0.00	56.25 0.17 0.00	51.56 0.10 0.00
DAHOWA__HYDRO 323763	54.59 3.33 0.00	49.29 2.92 0.00	46.96 2.74 0.00	45.27 2.64 0.00	45.88 2.72 0.00	49.05 2.99 0.00	51.89 3.08 0.00	53.31 3.02 0.00	55.38 3.03 0.00	56.06 2.87 0.00	54.05 2.38 0.00	58.54 2.53 0.12	59.01 2.43 0.00	63.00 2.37 0.18	64.20 2.43 0.70	67.95 3.30 0.00	75.51 3.80 0.00	90.12 5.34 0.00	86.28 5.87 0.00	84.62 5.02 0.00	76.75 4.75 0.00	67.73 4.19 0.00	59.27 3.19 0.00	54.49 3.03 0.00
DANC__LFGE 323619	52.18 0.92 0.00	47.02 0.65 0.00	44.75 0.53 0.00	43.06 0.43 0.00	43.68 0.52 0.00	46.65 0.60 0.00	49.79 0.98 0.00	51.15 0.85 0.00	53.02 0.68 0.00	53.78 0.59 0.00	51.31 -0.36 0.00	55.96 -0.17 0.00	56.24 -0.34 0.00	60.50 -0.30 0.00	61.91 -0.56 0.00	64.21 -0.45 0.00	71.43 -0.29 0.00	85.38 0.60 0.00	81.54 1.13 0.00	81.28 1.67 0.00	74.24 2.23 0.00	65.70 2.16 0.00	57.48 1.40 0.00	52.58 1.13 0.00
DANSKAMMER__1 23586	54.39 3.13 0.00	49.38 3.01 0.00	46.96 2.74 0.00	45.19 2.56 0.00	45.67 2.50 0.00	48.87 2.81 0.00	51.79 2.98 0.00	53.26 2.97 0.00	55.32 2.98 0.00	56.17 2.98 0.00	54.56 2.89 0.00	59.08 2.86 -0.10	59.47 2.88 0.00	63.87 2.92 -0.14	65.86 2.81 -0.58	68.34 3.68 0.00	75.73 4.01 0.00	90.46 5.68 0.00	85.57 5.15 0.00	83.34 3.74 0.00	75.17 3.16 0.00	66.14 2.61 0.00	58.71 2.64 0.00	54.38 2.93 0.00
DANSKAMMER__2 23589	54.39 3.13 0.00	49.38 3.01 0.00	46.96 2.74 0.00	45.19 2.56 0.00	45.67 2.50 0.00	48.87 2.81 0.00	51.79 2.98 0.00	53.26 2.97 0.00	55.32 2.98 0.00	56.17 2.98 0.00	54.56 2.89 0.00	59.08 2.86 -0.10	59.47 2.88 0.00	63.87 2.92 -0.14	65.86 2.81 -0.58	68.34 3.68 0.00	75.73 4.01 0.00	90.46 5.68 0.00	85.57 5.15 0.00	83.34 3.74 0.00	75.17 3.16 0.00	66.14 2.61 0.00	58.71 2.64 0.00	54.38 2.93 0.00
DANSKAMMER__3 23590	54.39 3.13 0.00	49.38 3.01 0.00	46.96 2.74 0.00	45.19 2.56 0.00	45.67 2.50 0.00	48.87 2.81 0.00	51.79 2.98 0.00	53.26 2.97 0.00	55.32 2.98 0.00	56.17 2.98 0.00	54.56 2.89 0.00	59.08 2.86 -0.10	59.47 2.88 0.00	63.87 2.92 -0.14	65.86 2.81 -0.58	68.34 3.68 0.00	75.73 4.01 0.00	90.46 5.68 0.00	85.57 5.15 0.00	83.34 3.74 0.00	75.17 3.16 0.00	66.14 2.61 0.00	58.71 2.64 0.00	54.38 2.93 0.00

DANSKAMMER___4 23591	54.39 3.13 0.00	49.38 3.01 0.00	46.96 2.74 0.00	45.19 2.56 0.00	45.67 2.50 0.00	48.87 2.81 0.00	51.79 2.98 0.00	53.26 2.97 0.00	55.32 2.98 0.00	56.17 2.98 0.00	54.56 2.89 0.00	59.08 2.86 -0.10	59.47 2.88 0.00	63.87 2.92 -0.14	65.86 2.81 -0.58	68.34 3.68 0.00	75.73 4.01 0.00	90.46 5.68 0.00	85.57 5.15 0.00	83.34 3.74 0.00	75.17 3.16 0.00	66.14 2.61 0.00	58.71 2.64 0.00	54.38 2.93 0.00
DANSKAMMER___DIESEL 23592	54.44 3.18 0.00	49.39 3.01 0.00	46.96 2.74 0.00	45.19 2.56 0.00	45.67 2.50 0.00	48.87 2.81 0.00	51.74 2.93 0.00	53.26 2.97 0.00	55.32 2.98 0.00	56.17 2.98 0.00	54.56 2.89 0.00	59.08 2.86 -0.10	59.52 2.94 0.00	63.87 2.92 -0.14	65.86 2.81 -0.58	68.08 3.43 0.00	75.73 4.02 0.00	90.20 5.43 0.00	85.64 5.23 0.00	83.42 3.82 0.00	75.17 3.17 0.00	66.08 2.54 0.00	58.71 2.64 0.00	54.54 3.09 0.00
DARBY___SOLAR 323810	54.34 3.08 0.00	49.06 2.69 0.00	46.74 2.52 0.00	45.06 2.43 0.00	45.67 2.50 0.00	48.82 2.76 0.00	51.65 2.83 0.00	53.06 2.76 0.00	55.11 2.77 0.00	55.74 2.55 0.00	53.79 2.12 0.00	58.19 2.19 0.12	58.68 2.09 0.00	62.69 2.07 0.18	63.92 2.19 0.73	67.63 2.98 0.00	75.16 3.44 0.00	89.69 4.92 0.00	85.81 5.39 0.00	84.22 4.62 0.00	76.32 4.32 0.00	67.35 3.81 0.00	58.94 2.86 0.00	54.23 2.78 0.00
DASHVILLE___HYD 23610	53.82 2.56 0.00	48.83 2.46 0.00	46.48 2.26 0.00	44.76 2.13 0.00	45.23 2.07 0.00	48.31 2.26 0.00	51.06 2.25 0.00	52.51 2.21 0.00	54.49 2.15 0.00	55.32 2.13 0.00	53.84 2.17 0.00	58.82 2.64 -0.06	58.73 2.15 0.00	62.05 3.04 1.79	64.00 3.19 1.65	66.20 3.81 2.27	73.23 4.37 2.86	90.45 5.68 0.01	85.24 4.83 0.01	83.10 3.50 0.00	74.95 2.95 0.00	65.89 2.35 0.00	58.21 2.13 0.00	53.97 2.52 0.00
DELAWARE___LFGE 323621	53.05 1.79 0.00	47.90 1.53 0.00	45.72 1.50 0.00	44.16 1.53 0.00	44.72 1.55 0.00	47.72 1.66 0.00	50.52 1.71 0.00	51.85 1.56 0.00	53.86 1.52 0.00	54.79 1.60 0.00	53.27 1.60 0.00	57.92 1.80 0.00	58.39 1.81 0.00	62.81 2.01 0.00	64.53 2.06 0.00	67.05 2.39 0.00	74.51 2.80 0.00	88.68 3.90 0.00	84.28 3.86 0.00	82.79 3.18 0.00	74.81 2.81 0.00	65.82 2.29 0.00	57.70 1.63 0.00	53.10 1.65 0.00
DERFIELD_115KV_TB7 355931	51.67 0.41 0.00	46.70 0.32 0.00	44.53 0.31 0.00	42.97 0.34 0.00	43.51 0.35 0.00	46.43 0.37 0.00	49.16 0.34 0.00	50.60 0.30 0.00	52.60 0.26 0.00	53.46 0.27 0.00	51.93 0.26 0.00	56.41 0.28 0.00	56.86 0.28 0.00	61.11 0.31 0.00	62.78 0.31 0.00	65.11 0.45 0.00	72.29 0.57 0.00	85.63 0.85 0.00	81.30 0.88 0.00	80.24 0.64 0.00	72.58 0.58 0.00	63.98 0.44 0.00	56.30 0.22 0.00	51.76 0.31 0.00
DOGLEVILLE___HYD 23807	52.29 1.03 0.00	47.25 0.88 0.00	45.02 0.80 0.00	43.40 0.77 0.00	43.94 0.78 0.00	46.93 0.88 0.00	49.84 1.03 0.00	51.30 1.01 0.00	53.34 0.99 0.00	54.20 1.01 0.00	52.65 0.98 0.00	57.19 1.07 0.00	57.60 1.02 0.00	61.96 1.16 0.00	63.59 1.12 0.00	65.95 1.29 0.00	73.08 1.36 0.00	86.81 2.03 0.00	82.51 2.09 0.00	81.51 1.91 0.00	73.66 1.66 0.00	64.93 1.40 0.00	57.20 1.12 0.00	52.48 1.03 0.00
DUNKIRK___115KV_TB_200 55889	52.03 0.77 0.00	45.63 -0.74 0.00	43.25 -0.97 0.00	41.22 -1.41 0.00	42.00 -1.17 0.00	44.81 -1.24 0.00	48.03 -0.78 0.00	48.48 -1.81 0.00	51.03 -1.31 0.00	51.97 -1.22 0.00	50.95 -0.72 0.00	56.24 0.11 0.00	57.54 0.96 0.00	62.45 1.64 0.00	64.53 2.06 0.00	66.79 2.13 0.00	74.51 2.80 0.00	89.10 4.32 0.00	85.08 4.66 0.00	83.50 3.90 0.00	74.67 2.66 0.00	65.76 2.22 0.00	56.92 0.84 0.00	52.38 0.93 0.00
DUNKIRK___1 23563	52.03 0.77 0.00	45.63 -0.74 0.00	43.25 -0.97 0.00	41.22 -1.41 0.00	42.00 -1.17 0.00	44.81 -1.24 0.00	48.03 -0.78 0.00	48.48 -1.81 0.00	51.03 -1.31 0.00	51.97 -1.22 0.00	50.95 -0.72 0.00	56.24 0.11 0.00	57.54 0.96 0.00	62.45 1.64 0.00	64.53 2.06 0.00	66.79 2.13 0.00	74.51 2.80 0.00	89.10 4.32 0.00	85.08 4.66 0.00	83.50 3.90 0.00	74.67 2.66 0.00	65.76 2.22 0.00	56.92 0.84 0.00	52.38 0.93 0.00
DUNKIRK___2 23564	52.03 0.77 0.00	45.63 -0.74 0.00	43.25 -0.97 0.00	41.22 -1.41 0.00	42.00 -1.17 0.00	44.81 -1.24 0.00	48.03 -0.78 0.00	48.48 -1.81 0.00	51.03 -1.31 0.00	51.97 -1.22 0.00	50.95 -0.72 0.00	56.24 0.11 0.00	57.54 0.96 0.00	62.45 1.64 0.00	64.53 2.06 0.00	66.79 2.13 0.00	74.51 2.80 0.00	89.10 4.32 0.00	85.08 4.66 0.00	83.50 3.90 0.00	74.67 2.66 0.00	65.76 2.22 0.00	56.92 0.84 0.00	52.38 0.93 0.00
DUNKIRK___3 23565	51.77 0.51 0.00	45.44 -0.93 0.00	43.11 -1.11 0.00	41.09 -1.53 0.00	41.87 -1.29 0.00	44.63 -1.43 0.00	47.79 -1.03 0.00	48.18 -2.11 0.00	50.67 -1.67 0.00	51.65 -1.54 0.00	50.64 -1.03 0.00	55.85 -0.28 0.00	57.15 0.57 0.00	62.02 1.22 0.00	64.03 1.56 0.00	66.27 1.62 0.00	73.94 2.22 0.00	88.42 3.65 0.00	84.44 4.02 0.00	82.79 3.18 0.00	74.02 2.02 0.00	65.25 1.72 0.00	56.53 0.45 0.00	52.02 0.57 0.00
DUNKIRK___4 23566	51.77 0.51 0.00	45.44 -0.93 0.00	43.11 -1.11 0.00	41.09 -1.53 0.00	41.87 -1.29 0.00	44.63 -1.43 0.00	47.79 -1.03 0.00	48.18 -2.11 0.00	50.67 -1.67 0.00	51.65 -1.54 0.00	50.64 -1.03 0.00	55.85 -0.28 0.00	57.15 0.57 0.00	62.02 1.22 0.00	64.03 1.56 0.00	66.27 1.62 0.00	73.94 2.22 0.00	88.42 3.65 0.00	84.44 4.02 0.00	82.79 3.18 0.00	74.02 2.02 0.00	65.25 1.72 0.00	56.53 0.45 0.00	52.02 0.57 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	54.59 3.33 0.00	49.66 3.29 0.00	47.18 2.96 0.00	45.40 2.77 0.00	45.84 2.68 0.00	49.05 2.99 0.00	51.94 3.12 0.00	53.46 3.17 0.00	55.48 3.14 0.00	56.38 3.19 0.00	55.13 3.46 0.00	59.73 3.48 -0.12	60.15 3.56 0.00	64.82 3.83 -0.18	67.33 4.12 -0.74	69.38 4.72 0.00	77.02 5.31 0.00	91.48 6.70 0.00	86.69 6.27 0.00	84.30 4.70 0.00	76.03 4.03 0.00	66.65 3.11 0.00	58.83 2.75 0.00	54.44 2.98 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	54.08 2.82 0.00	49.11 2.74 0.00	46.70 2.48 0.00	44.93 2.30 0.00	45.41 2.24 0.00	48.59 2.53 0.00	51.45 2.64 0.00	52.96 2.67 0.00	55.01 2.67 0.00	55.85 2.66 0.00	54.36 2.69 0.00	58.91 2.69 -0.09	59.30 2.72 0.00	63.81 2.86 -0.14	65.98 2.94 -0.57	68.21 3.56 0.00	75.80 4.09 0.00	90.29 5.51 0.00	85.64 5.23 0.00	83.50 3.90 0.00	75.24 3.24 0.00	66.14 2.60 0.00	58.43 2.36 0.00	54.13 2.68 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	54.75 3.49 -0.01	50.22 3.85 0.00	47.67 3.45 0.00	45.87 3.24 0.00	46.28 3.11 -0.01	49.52 3.45 -0.01	52.29 3.47 -0.01	53.56 3.27 0.00	55.32 2.98 0.00	56.27 3.09 0.00	55.44 3.77 0.00	59.50 3.26 -0.12	59.86 3.28 0.00	64.58 3.59 -0.18	67.08 3.87 -0.74	69.04 4.40 0.01	76.58 4.88 0.01	90.87 6.10 0.01	86.04 5.63 0.01	83.57 3.98 0.01	75.45 3.46 0.01	66.26 2.73 0.01	58.95 2.86 -0.01	54.86 3.40 -0.01

E179THST_13_KV_LOAD 356214	55.11 3.84 -0.01	50.54 4.17 0.00	47.93 3.71 0.00	46.13 3.50 0.00	46.54 3.37 -0.01	49.80 3.73 -0.01	52.58 3.76 -0.01	53.86 3.57 0.00	55.64 3.30 0.00	56.65 3.46 0.00	55.80 4.13 0.00	59.90 3.65 -0.12	60.26 3.68 0.00	65.06 4.07 -0.18	67.58 4.37 -0.74	69.56 4.91 0.01	77.23 5.52 0.01	91.64 6.87 0.01	86.76 6.35 0.01	84.29 4.70 0.01	76.02 4.03 0.01	66.77 3.24 0.01	59.34 3.25 -0.01	55.22 3.76 -0.01
EAST HAMPTON___GT 23717	60.74 6.56 -2.92	55.05 6.54 -2.14	53.63 5.97 -3.44	49.43 5.75 -1.04	50.17 5.79 -1.22	52.72 6.40 -0.26	55.56 6.74 -0.01	57.15 6.84 -0.02	60.38 7.23 -0.81	64.87 7.34 -4.34	70.80 7.70 -11.43	201.62 8.59 -136.91	231.01 8.54 -165.88	255.71 8.15 -186.75	255.18 8.62 -184.09	267.25 9.76 -192.83	290.73 9.97 -209.05	319.64 12.88 -221.98	302.30 12.38 -209.50	311.61 10.27 -221.73	249.45 8.56 -168.88	288.09 6.86 -217.69	68.06 7.07 -4.91	57.73 6.69 0.41
EAST RIVER___6 23660	54.75 3.49 0.00	49.89 3.52 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.97 2.80 0.00	49.10 3.04 0.00	52.14 3.32 0.00	53.66 3.37 0.00	55.69 3.35 0.00	56.60 3.41 0.00	55.39 3.72 0.00	59.89 3.65 -0.12	60.31 3.73 0.00	65.00 4.01 -0.18	67.51 4.31 -0.74	69.96 5.30 0.00	77.16 5.45 0.00	91.64 6.86 0.00	86.61 6.19 0.00	84.14 4.53 0.00	75.96 3.96 0.00	66.65 3.11 0.00	59.10 3.03 0.00	54.54 3.09 0.00
EAST RIVER___7 23524	54.75 3.49 0.00	49.89 3.52 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.97 2.80 0.00	49.10 3.04 0.00	52.14 3.32 0.00	53.66 3.37 0.00	55.69 3.35 0.00	56.60 3.41 0.00	55.39 3.72 0.00	59.89 3.65 -0.12	60.31 3.73 0.00	65.00 4.01 -0.18	67.51 4.31 -0.74	69.96 5.30 0.00	77.16 5.45 0.00	91.64 6.86 0.00	86.61 6.19 0.00	84.14 4.53 0.00	75.96 3.96 0.00	66.65 3.11 0.00	59.10 3.03 0.00	54.54 3.09 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	54.44 3.18 0.00	49.52 3.15 0.00	47.05 2.83 0.00	45.27 2.64 0.00	45.71 2.55 0.00	48.91 2.86 0.00	51.79 2.98 0.00	53.31 3.02 0.00	55.32 2.98 0.00	56.22 3.03 0.00	54.92 3.26 0.00	59.50 3.26 -0.12	59.92 3.34 0.00	64.64 3.65 -0.18	67.14 3.94 -0.74	69.18 4.53 0.00	76.81 5.09 0.00	91.22 6.44 0.00	86.45 6.03 0.00	84.14 4.54 0.00	75.82 3.82 0.00	66.46 2.92 0.00	58.66 2.58 0.00	54.28 2.83 0.00
EAST_HAMPTON___DIESEL 23722	60.64 6.46 -2.92	55.00 6.49 -2.14	53.59 5.93 -3.44	49.39 5.71 -1.04	50.13 5.74 -1.22	52.72 6.40 -0.26	55.51 6.69 -0.01	57.15 6.84 -0.02	60.38 7.23 -0.81	64.87 7.34 -4.34	70.80 7.70 -11.43	201.56 8.53 -136.91	231.01 8.54 -165.88	255.71 8.15 -186.75	255.18 8.62 -184.09	267.31 9.82 -192.83	290.73 9.97 -209.05	319.73 12.97 -221.98	302.30 12.38 -209.50	311.60 10.27 -221.73	249.38 8.49 -168.88	288.09 6.86 -217.69	68.00 7.01 -4.91	57.68 6.64 0.41
EAST_POINT___SOLAR 323840	55.46 4.20 0.00	49.94 3.57 0.00	47.58 3.36 0.00	45.87 3.24 0.00	46.57 3.41 0.00	49.83 3.78 0.00	52.38 3.56 0.00	52.91 2.61 0.00	54.33 1.99 0.00	54.94 1.75 0.00	53.06 1.40 0.00	57.12 1.06 0.07	57.48 0.90 0.00	61.43 0.73 0.10	62.99 0.94 0.42	66.46 1.81 0.00	73.80 2.08 0.00	88.42 3.64 0.00	85.16 4.74 0.00	85.65 6.05 0.00	78.41 6.41 0.00	69.45 5.91 0.00	60.73 4.65 0.00	55.67 4.22 0.00
EAST_PULASKI___ESR 323781	51.16 -0.10 0.00	46.05 -0.32 0.00	43.86 -0.36 0.00	42.25 -0.38 0.00	42.82 -0.35 0.00	45.69 -0.37 0.00	48.62 -0.19 0.00	49.99 -0.30 0.00	51.82 -0.52 0.00	52.71 -0.48 0.00	50.69 -0.98 0.00	55.29 -0.84 0.00	55.62 -0.96 0.00	59.90 -0.91 0.00	61.41 -1.06 0.00	63.75 -0.91 0.00	70.86 -0.86 0.00	84.53 -0.25 0.00	80.42 0.00 0.00	79.84 0.24 0.00	72.36 0.36 0.00	63.98 0.45 0.00	56.13 0.06 0.00	51.45 0.00 0.00
EAST_RIVER___1 323558	54.79 3.53 0.00	49.94 3.57 0.00	47.41 3.19 0.00	45.57 2.94 0.00	46.06 2.89 0.00	49.23 3.18 0.00	52.23 3.42 0.00	53.76 3.47 0.00	55.80 3.45 0.00	56.70 3.51 0.00	55.49 3.82 0.00	60.01 3.76 -0.12	60.43 3.85 0.00	65.18 4.19 -0.18	67.64 4.44 -0.74	70.09 5.43 0.00	77.31 5.60 0.00	91.98 7.20 0.00	86.85 6.44 0.00	84.30 4.70 0.00	76.03 4.03 0.00	66.77 3.24 0.00	59.22 3.14 0.00	54.64 3.19 0.00
EAST_RIVER___2 323559	54.75 3.49 0.00	49.89 3.52 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.97 2.80 0.00	49.10 3.04 0.00	52.14 3.32 0.00	53.66 3.37 0.00	55.69 3.35 0.00	56.60 3.41 0.00	55.39 3.72 0.00	59.89 3.65 -0.12	60.31 3.73 0.00	65.00 4.01 -0.18	67.51 4.31 -0.74	69.96 5.30 0.00	77.16 5.45 0.00	91.64 6.86 0.00	86.61 6.19 0.00	84.14 4.53 0.00	75.96 3.96 0.00	66.65 3.11 0.00	59.10 3.03 0.00	54.54 3.09 0.00
EAST___DELAWARE_HYD 23607	53.62 2.36 0.00	48.69 2.32 0.00	46.30 2.08 0.00	44.50 1.87 0.00	45.02 1.85 0.00	48.18 2.12 0.00	51.06 2.25 0.00	52.56 2.27 0.00	54.54 2.20 0.00	55.37 2.18 0.00	53.89 2.22 0.00	58.39 2.19 -0.08	58.85 2.27 0.00	62.86 2.55 0.50	64.96 2.68 0.19	67.47 3.55 0.74	74.65 3.87 0.93	90.46 5.68 0.00	85.72 5.31 0.00	83.74 4.14 0.00	75.46 3.46 0.00	66.33 2.79 0.00	58.43 2.35 0.00	53.82 2.37 0.00
EIGHT_POINT___WT_PWR 323820	52.90 1.64 0.00	46.79 0.42 0.00	44.44 0.22 0.00	42.59 -0.04 0.00	43.21 0.04 0.00	46.15 0.09 0.00	49.30 0.49 0.00	49.69 -0.60 0.00	51.61 -0.73 0.00	52.39 -0.80 0.00	51.05 -0.62 0.00	56.41 0.28 0.00	57.60 1.02 0.00	62.33 1.52 0.00	64.16 1.69 0.00	66.66 2.01 0.00	74.51 2.79 0.00	89.69 4.92 0.00	85.49 5.07 0.00	84.46 4.86 0.00	75.74 3.74 0.00	66.77 3.24 0.00	57.76 1.68 0.00	53.30 1.85 0.00
ELBRIDGE_115KV_TB2 80188	51.16 -0.10 0.00	45.95 -0.42 0.00	43.78 -0.44 0.00	42.12 -0.51 0.00	42.69 -0.47 0.00	45.55 -0.51 0.00	48.38 -0.44 0.00	49.69 -0.60 0.00	51.66 -0.68 0.00	52.60 -0.59 0.00	51.00 -0.67 0.00	55.68 -0.45 0.00	56.13 -0.45 0.00	60.44 -0.36 0.00	62.09 -0.37 0.00	64.53 -0.13 0.00	71.79 0.07 0.00	85.46 0.68 0.00	81.30 0.88 0.00	80.24 0.64 0.00	72.29 0.29 0.00	63.92 0.38 0.00	55.97 -0.11 0.00	51.35 -0.10 0.00
ELEC_TRO_TEK 24086	64.96 4.05 -9.65	52.44 3.94 -2.13	51.25 3.58 -3.44	47.04 3.37 -1.04	47.71 3.32 -1.22	49.96 3.64 -0.26	52.67 3.86 0.00	54.17 3.87 0.00	56.01 3.66 0.00	56.91 3.72 0.00	55.60 3.93 0.00	60.35 4.10 -0.12	92.33 4.19 -31.56	65.49 4.50 -0.18	79.24 4.75 -12.02	80.56 5.37 -10.54	102.96 6.02 -25.22	97.06 7.55 -4.74	90.67 7.08 -3.18	87.93 5.57 -2.75	85.34 4.82 -8.51	71.12 3.88 -3.71	66.59 3.42 -7.09	55.18 3.70 -0.02
ELLENBURG_WT_PWR 323604	50.65 -0.61 0.00	45.95 -0.42 0.00	43.91 -0.31 0.00	42.29 -0.34 0.00	42.82 -0.35 0.00	45.69 -0.37 0.00	48.42 -0.39 0.00	49.84 -0.45 0.00	51.82 -0.52 0.00	52.55 -0.64 0.00	51.15 -0.52 0.00	55.29 -0.84 0.00	55.84 -0.74 0.00	59.77 -1.03 0.00	61.28 -1.19 0.00	62.78 -1.88 0.00	69.63 -2.08 0.00	81.47 -3.31 0.00	77.28 -3.14 0.00	77.37 -2.23 0.00	70.27 -1.73 0.00	62.01 -1.53 0.00	55.29 -0.79 0.00	50.89 -0.56 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	51.16 -0.10 0.00	44.89 -1.48 0.00	42.58 -1.64 0.00	40.63 -2.00 0.00	41.39 -1.77 0.00	44.03 -2.03 0.00	47.16 -1.66 0.00	47.53 -2.77 0.00	49.93 -2.41 0.00	50.90 -2.29 0.00	49.91 -1.76 0.00	55.06 -1.07 0.00	56.36 -0.23 0.00	61.11 0.30 0.00	63.03 0.56 0.00	65.24 0.58 0.00	72.72 1.00 0.00	86.98 2.20 0.00	82.91 2.49 0.00	81.35 1.75 0.00	72.72 0.72 0.00	64.17 0.64 0.00	55.85 -0.22 0.00	51.40 -0.05 0.00
EMPIRE_CC_1 323656	52.75 1.49 0.00	47.81 1.44 0.00	45.59 1.37 0.00	43.95 1.32 0.00	44.50 1.34 0.00	47.53 1.47 0.00	50.18 1.36 0.00	51.60 1.31 0.00	53.60 1.25 0.00	54.36 1.17 0.00	52.76 1.09 0.00	56.89 0.95 0.18	57.48 0.90 0.00	61.38 0.85 0.28	62.29 0.94 1.11	66.20 1.55 0.00	73.37 1.65 0.00	87.41 2.63 0.00	83.07 2.65 0.00	81.19 1.59 0.00	73.52 1.51 0.00	64.55 1.01 0.00	56.75 0.68 0.00	52.33 0.87 0.00
EMPIRE_CC_2 323658	52.75 1.49 0.00	47.81 1.44 0.00	45.59 1.37 0.00	43.95 1.32 0.00	44.50 1.34 0.00	47.53 1.47 0.00	50.18 1.36 0.00	51.60 1.31 0.00	53.60 1.25 0.00	54.36 1.17 0.00	52.76 1.09 0.00	56.89 0.95 0.18	57.48 0.90 0.00	61.38 0.85 0.28	62.29 0.94 1.11	66.20 1.55 0.00	73.37 1.65 0.00	87.41 2.63 0.00	83.07 2.65 0.00	81.19 1.59 0.00	73.52 1.51 0.00	64.55 1.01 0.00	56.75 0.68 0.00	52.33 0.87 0.00
ENORWICH_115KV_TB1 80156	55.62 4.36 0.00	49.85 3.48 0.00	47.40 3.18 0.00	45.53 2.90 0.00	46.27 3.11 0.00	49.47 3.41 0.00	52.96 4.15 0.00	54.27 3.97 0.00	56.01 3.66 0.00	56.86 3.67 0.00	55.03 3.36 0.00	60.22 4.10 0.00	60.66 4.07 0.00	65.43 4.62 0.00	66.90 4.44 0.00	69.63 4.98 0.00	78.03 6.31 0.00	94.19 9.41 0.00	90.23 9.81 0.00	89.31 9.71 0.00	80.28 8.28 0.00	70.84 7.31 0.00	61.18 5.10 0.00	55.83 4.37 0.00
ERIE_ST__34_KV_TB1-2 80199	51.57 0.31 0.00	45.26 -1.11 0.00	42.89 -1.33 0.00	40.84 -1.79 0.00	41.61 -1.55 0.00	44.35 -1.70 0.00	47.55 -1.42 0.00	47.78 -2.51 0.00	50.30 -2.04 0.00	51.28 -1.91 0.00	50.27 -1.40 0.00	55.51 -0.62 0.00	56.86 0.28 0.00	61.84 1.03 0.00	63.84 1.37 0.00	66.21 1.55 0.00	73.94 2.22 0.00	88.42 3.65 0.00	84.36 3.94 0.00	82.63 3.02 0.00	73.73 1.73 0.00	64.93 1.40 0.00	56.30 0.22 0.00	51.86 0.41 0.00
ERIE_WT_PWR 323693	51.47 0.21 0.00	45.21 -1.16 0.00	42.89 -1.33 0.00	40.97 -1.66 0.00	41.61 -1.55 0.00	44.35 -1.70 0.00	47.40 -1.42 0.00	47.83 -2.46 0.00	50.19 -2.15 0.00	51.17 -2.02 0.00	50.28 -1.39 0.00	55.56 -0.56 0.00	56.87 0.28 0.00	61.54 0.73 0.00	63.47 1.00 0.00	65.75 1.10 0.00	73.29 1.58 0.00	87.92 3.14 0.00	83.64 3.22 0.00	81.99 2.39 0.00	73.37 1.36 0.00	64.62 1.08 0.00	56.08 0.00 0.00	52.23 0.77 0.00
ESPRGFLD_115KV_TB1 80157	54.29 3.02 0.00	48.92 2.55 0.00	46.61 2.39 0.00	44.97 2.34 0.00	45.62 2.46 0.00	48.77 2.72 0.00	51.70 2.88 0.00	52.91 2.62 0.00	54.80 2.46 0.00	55.64 2.45 0.00	53.99 2.33 0.00	58.61 2.53 0.04	59.13 2.55 0.00	63.48 2.74 0.06	64.96 2.75 0.25	67.89 3.23 0.00	75.52 3.80 0.00	90.29 5.51 0.00	86.21 5.79 0.00	85.33 5.73 0.00	77.11 5.11 0.00	68.11 4.57 0.00	59.56 3.48 0.00	54.54 3.09 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	52.64 1.38 0.00	47.21 0.83 0.00	44.93 0.71 0.00	43.23 0.60 0.00	43.81 0.65 0.00	46.75 0.69 0.00	49.79 0.98 0.00	51.00 0.70 0.00	52.97 0.63 0.00	53.78 0.59 0.00	52.13 0.47 0.00	56.91 0.79 0.00	57.54 0.96 0.00	61.96 1.16 0.00	63.66 1.19 0.00	66.14 1.49 0.00	73.87 2.15 0.00	88.34 3.56 0.00	84.20 3.78 0.00	83.18 3.58 0.00	74.88 2.88 0.00	66.08 2.54 0.00	57.70 1.63 0.00	52.79 1.34 0.00
ETNA____115KV_TB2 80207	52.64 1.38 0.00	47.21 0.83 0.00	44.93 0.71 0.00	43.23 0.60 0.00	43.81 0.65 0.00	46.75 0.69 0.00	49.79 0.98 0.00	51.00 0.70 0.00	52.97 0.63 0.00	53.78 0.59 0.00	52.13 0.47 0.00	56.91 0.79 0.00	57.54 0.96 0.00	61.96 1.16 0.00	63.66 1.19 0.00	66.14 1.49 0.00	73.87 2.15 0.00	88.34 3.56 0.00	84.20 3.78 0.00	83.18 3.58 0.00	74.88 2.88 0.00	66.08 2.54 0.00	57.70 1.63 0.00	52.79 1.34 0.00
EUCLID___115KV_TB2 356179	50.80 -0.46 0.00	45.68 -0.70 0.00	43.51 -0.71 0.00	41.90 -0.72 0.00	42.43 -0.73 0.00	45.27 -0.78 0.00	48.13 -0.68 0.00	49.29 -1.01 0.00	51.29 -1.05 0.00	52.23 -0.96 0.00	50.79 -0.88 0.00	55.40 -0.73 0.00	55.85 -0.74 0.00	60.14 -0.67 0.00	61.78 -0.69 0.00	64.14 -0.52 0.00	71.36 -0.36 0.00	84.86 0.08 0.00	80.58 0.16 0.00	79.60 0.00 0.00	71.78 -0.22 0.00	63.35 -0.19 0.00	55.57 -0.50 0.00	50.99 -0.46 0.00
E_CANADA_CAP_HY 24051	54.95 3.69 0.00	49.53 3.15 0.00	47.18 2.96 0.00	45.49 2.86 0.00	46.18 3.02 0.00	49.38 3.32 0.00	52.23 3.42 0.00	53.21 2.92 0.00	54.96 2.62 0.00	55.59 2.40 0.00	53.79 2.12 0.00	58.20 2.13 0.06	58.62 2.03 0.00	62.71 2.00 0.09	64.22 2.13 0.38	67.63 2.98 0.00	74.95 3.23 0.00	89.69 4.92 0.00	85.96 5.54 0.00	85.41 5.81 0.00	77.55 5.54 0.00	68.62 5.08 0.00	60.12 4.04 0.00	55.11 3.65 0.00
E_CANADA_MHWK_HY 24050	52.29 1.02 0.00	47.25 0.88 0.00	45.02 0.80 0.00	43.40 0.77 0.00	43.94 0.78 0.00	46.93 0.87 0.00	49.84 1.03 0.00	51.30 1.01 0.00	53.33 0.99 0.00	54.20 1.01 0.00	52.65 0.98 0.00	57.19 1.06 0.00	57.60 1.02 0.00	61.96 1.15 0.00	63.59 1.13 0.00	65.95 1.29 0.00	73.07 1.36 0.00	86.90 2.12 0.00	82.50 2.09 0.00	81.43 1.83 0.00	73.66 1.66 0.00	64.93 1.40 0.00	57.20 1.12 0.00	52.43 0.98 0.00
E_FISHKILL___LBMP 23776	53.87 2.61 0.00	48.92 2.55 0.00	46.56 2.34 0.00	44.85 2.22 0.00	45.32 2.16 0.00	48.45 2.39 0.00	51.26 2.44 0.00	52.71 2.41 0.00	54.75 2.41 0.00	55.58 2.39 0.00	54.25 2.58 0.00	58.78 2.53 -0.13	59.13 2.55 0.00	63.73 2.74 -0.19	66.16 2.94 -0.76	68.21 3.56 0.00	75.73 4.02 0.00	89.95 5.17 0.00	85.32 4.91 0.00	83.10 3.50 0.00	75.03 3.02 0.00	65.82 2.29 0.00	58.04 1.96 0.00	53.77 2.32 0.00
FALCON___SEABRD_CC1 323796	50.59 -0.67 0.00	45.91 -0.46 0.00	43.86 -0.36 0.00	42.25 -0.38 0.00	42.77 -0.39 0.00	45.60 -0.46 0.00	48.37 -0.44 0.00	49.49 -0.81 0.00	51.19 -1.15 0.00	51.91 -1.28 0.00	50.79 -0.88 0.00	54.61 -1.51 0.00	55.11 -1.47 0.00	58.80 -2.01 0.00	60.22 -2.25 0.00	61.75 -2.91 0.00	68.49 -3.23 0.00	80.28 -4.50 0.00	75.99 -4.42 0.00	76.18 -3.42 0.00	69.19 -2.81 0.00	60.99 -2.54 0.00	54.73 -1.35 0.00	50.89 -0.56 0.00
FALCON___SEABRD_CC2 323797	50.59 -0.67 0.00	45.91 -0.46 0.00	43.86 -0.36 0.00	42.25 -0.38 0.00	42.77 -0.39 0.00	45.60 -0.46 0.00	48.37 -0.44 0.00	49.49 -0.81 0.00	51.19 -1.15 0.00	51.91 -1.28 0.00	50.79 -0.88 0.00	54.61 -1.51 0.00	55.11 -1.47 0.00	58.80 -2.01 0.00	60.22 -2.25 0.00	61.75 -2.91 0.00	68.49 -3.23 0.00	80.28 -4.50 0.00	75.99 -4.42 0.00	76.18 -3.42 0.00	69.19 -2.81 0.00	60.99 -2.54 0.00	54.73 -1.35 0.00	50.89 -0.56 0.00

FAR ROCKAWAY___4 23548	78.23 5.28 -21.69	53.41 4.92 -2.13	52.09 4.42 -3.44	47.85 4.18 -1.04	48.53 4.14 -1.22	50.83 4.51 -0.26	53.60 4.78 0.00	55.12 4.83 0.00	57.05 4.71 0.00	58.03 4.84 0.00	56.78 5.12 0.00	61.69 5.44 -0.12	135.72 5.60 -73.54	67.07 6.08 -0.18	95.93 6.43 -27.03	96.33 7.11 -24.56	138.51 8.03 -58.76	105.82 10.00 -11.04	97.30 9.49 -7.39	93.89 7.88 -6.41	98.67 6.84 -19.83	77.77 5.59 -8.64	76.86 4.82 -15.96	56.45 4.94 -0.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	54.90 3.64 0.00	49.99 3.62 0.00	47.40 3.18 0.00	45.61 2.98 0.00	46.05 2.89 0.00	49.23 3.18 0.00	52.23 3.42 0.00	53.76 3.47 0.00	55.85 3.51 0.00	56.70 3.51 0.00	55.49 3.82 0.00	60.06 3.82 -0.12	60.49 3.90 0.00	65.19 4.20 -0.18	67.64 4.44 -0.74	69.76 5.11 0.00	77.38 5.67 0.00	91.73 6.95 0.00	86.93 6.51 0.00	84.38 4.78 0.00	76.11 4.10 0.00	66.71 3.18 0.00	59.16 3.08 0.00	54.80 3.34 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	54.90 3.64 0.00	49.99 3.62 0.00	47.40 3.18 0.00	45.61 2.98 0.00	46.05 2.89 0.00	49.28 3.22 0.00	52.23 3.42 0.00	53.76 3.47 0.00	55.85 3.51 0.00	56.70 3.51 0.00	55.49 3.82 0.00	60.06 3.82 -0.12	60.43 3.85 0.00	65.13 4.13 -0.18	67.64 4.44 -0.74	69.76 5.11 0.00	77.38 5.67 0.00	91.73 6.95 0.00	86.85 6.43 0.00	84.38 4.78 0.00	76.11 4.10 0.00	66.78 3.24 0.00	59.16 3.08 0.00	54.85 3.40 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	54.85 3.59 0.00	49.94 3.57 0.00	47.36 3.14 0.00	45.57 2.94 0.00	46.01 2.85 0.00	49.23 3.18 0.00	52.18 3.37 0.00	53.76 3.47 0.00	55.80 3.45 0.00	56.65 3.46 0.00	55.44 3.77 0.00	60.01 3.76 -0.12	60.43 3.85 0.00	65.13 4.13 -0.18	67.58 4.37 -0.74	69.70 5.04 0.00	77.31 5.59 0.00	91.65 6.87 0.00	86.77 6.35 0.00	84.30 4.70 0.00	75.96 3.96 0.00	66.65 3.11 0.00	59.05 2.97 0.00	54.75 3.29 0.00
FARRAGUT___LBMP 323566	54.80 3.54 0.00	49.90 3.52 0.00	47.36 3.14 0.00	45.53 2.90 0.00	45.97 2.81 0.00	49.19 3.13 0.00	52.13 3.32 0.00	53.66 3.37 0.00	55.74 3.40 0.00	56.59 3.40 0.00	55.39 3.72 0.00	59.90 3.65 -0.12	60.32 3.73 0.00	65.00 4.01 -0.18	67.52 4.31 -0.74	69.57 4.91 0.00	77.17 5.45 0.00	91.56 6.78 0.00	86.69 6.27 0.00	84.22 4.62 0.00	75.89 3.89 0.00	66.59 3.05 0.00	58.99 2.92 0.00	54.69 3.24 0.00
FENNER___WINDPWR 24204	52.65 1.38 0.00	47.44 1.07 0.00	45.15 0.93 0.00	43.48 0.85 0.00	44.07 0.91 0.00	47.03 0.97 0.00	50.04 1.22 0.00	51.45 1.16 0.00	53.44 1.10 0.00	54.36 1.17 0.00	52.65 0.98 0.00	57.42 1.29 0.00	57.88 1.30 0.00	62.26 1.46 0.00	63.91 1.44 0.00	66.33 1.68 0.00	73.86 2.15 0.00	88.17 3.39 0.00	83.79 3.38 0.00	82.87 3.26 0.00	74.81 2.81 0.00	66.08 2.54 0.00	57.76 1.68 0.00	52.95 1.49 0.00
FIBERTEK___ENERGY 23856	51.41 0.15 0.00	46.23 -0.14 0.00	44.00 -0.22 0.00	42.33 -0.30 0.00	42.90 -0.26 0.00	45.78 -0.28 0.00	48.67 -0.15 0.00	49.99 -0.30 0.00	51.97 -0.37 0.00	52.92 -0.27 0.00	51.26 -0.41 0.00	55.96 -0.17 0.00	56.47 -0.11 0.00	60.81 0.00 0.00	62.47 0.00 0.00	64.85 0.19 0.00	72.15 0.43 0.00	85.97 1.19 0.00	81.62 1.21 0.00	80.64 1.03 0.00	72.65 0.65 0.00	64.17 0.64 0.00	56.25 0.17 0.00	51.56 0.10 0.00
FITZPATRICK___ 23598	49.93 -1.33 0.00	44.98 -1.39 0.00	42.85 -1.37 0.00	41.26 -1.37 0.00	41.82 -1.34 0.00	44.58 -1.48 0.00	47.35 -1.46 0.00	48.68 -1.61 0.00	50.62 -1.73 0.00	51.54 -1.65 0.00	50.01 -1.66 0.00	54.44 -1.68 0.00	54.89 -1.70 0.00	59.04 -1.77 0.00	60.66 -1.81 0.00	62.97 -1.68 0.00	69.93 -1.79 0.00	83.17 -1.61 0.00	78.89 -1.53 0.00	78.01 -1.59 0.00	70.42 -1.58 0.00	62.20 -1.34 0.00	54.62 -1.46 0.00	50.17 -1.28 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	54.54 3.28 0.00	49.48 3.11 0.00	47.05 2.83 0.00	45.27 2.64 0.00	45.75 2.59 0.00	48.96 2.90 0.00	51.84 3.03 0.00	53.36 3.07 0.00	55.43 3.09 0.00	56.33 3.14 0.00	54.72 3.05 0.00	59.31 3.09 -0.10	59.69 3.11 0.00	64.18 3.22 -0.15	66.25 3.19 -0.59	68.47 3.81 0.00	76.09 4.37 0.00	90.71 5.93 0.00	86.05 5.63 0.00	83.82 4.22 0.00	75.53 3.53 0.00	66.40 2.86 0.00	58.88 2.80 0.00	54.64 3.19 0.00
FORT ORANGE___ 23900	52.59 1.33 0.00	47.62 1.25 0.00	45.41 1.19 0.00	43.82 1.19 0.00	44.37 1.21 0.00	47.39 1.34 0.00	49.69 0.88 0.00	51.10 0.80 0.00	53.02 0.68 0.00	53.72 0.53 0.00	52.13 0.46 0.00	56.48 0.45 0.09	56.69 0.11 0.00	59.42 0.00 1.38	60.66 0.06 1.87	63.80 0.65 1.51	70.32 0.51 1.90	86.05 1.27 0.00	81.78 1.37 0.00	80.08 0.48 0.00	72.51 0.51 0.00	63.98 0.45 0.00	56.19 0.11 0.00	51.71 0.26 0.00
FORT_DRUM_COGEN 23780	53.46 2.20 0.00	48.18 1.81 0.00	45.81 1.59 0.00	44.04 1.41 0.00	44.76 1.60 0.00	47.85 1.80 0.00	51.16 2.34 0.00	52.61 2.31 0.00	54.43 2.09 0.00	55.05 1.86 0.00	52.03 0.36 0.00	56.69 0.56 0.00	56.92 0.34 0.00	61.23 0.43 0.00	62.47 0.00 0.00	64.59 -0.06 0.00	72.07 0.36 0.00	86.47 1.70 0.00	82.83 2.41 0.00	82.95 3.34 0.00	76.47 4.46 0.00	67.79 4.26 0.00	59.11 3.03 0.00	53.92 2.47 0.00
FOX_HILLS___ESR 323835	54.64 3.38 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.27 3.11 0.00	49.51 3.45 0.00	52.13 3.32 0.00	53.31 3.02 0.00	54.36 2.67 0.65	54.47 2.82 1.54	55.18 3.51 0.00	55.72 3.14 3.55	56.45 3.17 3.30	58.44 3.47 5.83	63.82 3.81 2.46	66.39 4.40 2.66	72.20 4.88 4.39	84.46 6.02 6.34	76.46 5.63 9.59	65.43 4.06 18.23	61.44 3.46 14.02	62.04 2.67 4.16	58.94 2.86 0.00	54.85 3.40 0.00
FPL_FAR_ROCK_GT1 24212	78.18 5.23 -21.69	53.41 4.91 -2.13	52.09 4.42 -3.44	47.85 4.18 -1.04	48.53 4.14 -1.22	50.84 4.52 -0.26	53.66 4.83 -0.01	55.13 4.83 -0.01	57.15 4.81 0.00	57.92 4.73 0.00	56.79 5.12 0.00	61.70 5.44 -0.13	135.72 5.60 -73.54	67.08 6.08 -0.19	95.93 6.44 -27.03	96.65 7.43 -24.56	138.51 8.03 -58.76	106.07 10.25 -11.04	97.30 9.48 -7.39	93.81 7.81 -6.41	98.67 6.84 -19.83	77.77 5.59 -8.64	77.08 5.05 -15.96	56.34 4.84 -0.05
FPL_FAR_ROCK_GT2 23815	78.18 5.23 -21.69	53.41 4.91 -2.13	52.09 4.42 -3.44	47.85 4.18 -1.04	48.53 4.14 -1.22	50.84 4.52 -0.26	53.66 4.83 -0.01	55.13 4.83 -0.01	57.15 4.81 0.00	57.92 4.73 0.00	56.79 5.12 0.00	61.70 5.44 -0.13	135.72 5.60 -73.54	67.08 6.08 -0.19	95.93 6.44 -27.03	96.65 7.43 -24.56	138.51 8.03 -58.76	106.07 10.25 -11.04	97.30 9.48 -7.39	93.81 7.81 -6.41	98.67 6.84 -19.83	77.77 5.59 -8.64	77.08 5.05 -15.96	56.34 4.84 -0.05
FRANKLIN_FALL_HYD 24054	51.16 -0.10 0.00	46.56 0.19 0.00	44.49 0.27 0.00	42.84 0.21 0.00	43.42 0.26 0.00	46.29 0.23 0.00	49.16 0.34 0.00	50.75 0.45 0.00	52.81 0.47 0.00	53.56 0.37 0.00	52.13 0.47 0.00	56.24 0.11 0.00	56.92 0.34 0.00	60.99 0.18 0.00	62.41 -0.06 0.00	64.01 -0.65 0.00	70.78 -0.93 0.00	83.51 -1.27 0.00	78.73 -1.69 0.00	79.04 -0.56 0.00	71.93 -0.07 0.00	63.47 -0.06 0.00	56.53 0.45 0.00	51.66 0.21 0.00

FREEPORT_EQUS_GT1 23764	64.41 4.56 -8.59	53.00 4.50 -2.13	51.73 4.07 -3.44	47.51 3.84 -1.04	48.19 3.80 -1.22	50.47 4.15 -0.26	53.22 4.40 -0.01	54.63 4.33 -0.01	56.63 4.29 0.00	57.29 4.10 0.00	56.11 4.44 0.00	60.91 4.66 -0.13	87.90 4.81 -26.52	65.99 4.99 -0.19	78.00 5.31 -10.22	79.85 6.34 -8.86	99.36 6.46 -21.19	97.16 8.39 -3.98	90.81 7.72 -2.67	87.96 6.05 -2.31	84.41 5.25 -7.15	71.36 4.70 -3.12	66.65 4.26 -6.31	55.53 4.06 -0.02
FREEPORT___CT2 23818	64.41 4.56 -8.59	53.00 4.50 -2.13	51.73 4.07 -3.44	47.51 3.84 -1.04	48.19 3.80 -1.22	50.47 4.15 -0.26	53.22 4.40 -0.01	54.63 4.33 -0.01	56.63 4.29 0.00	57.29 4.10 0.00	56.11 4.44 0.00	60.91 4.66 -0.13	87.90 4.81 -26.52	65.99 4.99 -0.19	78.00 5.31 -10.22	79.85 6.34 -8.86	99.36 6.46 -21.19	97.16 8.39 -3.98	90.81 7.72 -2.67	87.96 6.05 -2.31	84.41 5.25 -7.15	71.36 4.70 -3.12	66.65 4.26 -6.31	55.53 4.06 -0.02
FRESHKLS_33_KV_LOAD 356253	54.64 3.38 0.00	50.50 4.13 0.00	47.85 3.63 0.00	46.04 3.41 0.00	46.40 3.24 0.00	49.65 3.59 0.00	52.23 3.42 0.00	53.31 3.02 0.00	54.25 2.56 0.65	54.35 2.71 1.55	55.08 3.41 0.00	55.61 3.03 3.55	56.33 3.06 3.30	58.32 3.34 5.83	63.76 3.75 2.46	66.39 4.40 2.66	72.20 4.88 4.39	84.46 6.02 6.34	76.46 5.63 9.59	65.43 4.06 18.23	61.44 3.46 14.02	56.81 2.67 9.40	58.94 2.86 0.00	54.90 3.45 0.00
FULTON COGEN____ 23766	50.65 -0.62 0.00	45.54 -0.83 0.00	43.38 -0.84 0.00	41.78 -0.85 0.00	42.30 -0.86 0.00	45.14 -0.92 0.00	47.99 -0.83 0.00	49.29 -1.01 0.00	51.19 -1.15 0.00	52.13 -1.06 0.00	50.48 -1.19 0.00	55.06 -1.07 0.00	55.45 -1.13 0.00	59.71 -1.09 0.00	61.34 -1.12 0.00	63.69 -0.97 0.00	70.85 -0.86 0.00	84.35 -0.42 0.00	80.10 -0.32 0.00	79.20 -0.40 0.00	71.42 -0.58 0.00	63.15 -0.38 0.00	55.41 -0.67 0.00	50.78 -0.67 0.00
FULTON___LFGE 323630	55.11 3.85 0.00	49.66 3.29 0.00	47.31 3.09 0.00	45.61 2.98 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.43 3.61 0.00	53.52 3.22 0.00	55.32 2.98 0.00	55.90 2.71 0.00	54.05 2.38 0.00	58.47 2.41 0.07	58.90 2.32 0.00	62.95 2.25 0.11	64.41 2.37 0.43	67.89 3.23 0.00	75.44 3.73 0.00	90.29 5.51 0.00	86.45 6.03 0.00	85.65 6.05 0.00	77.76 5.76 0.00	68.81 5.27 0.00	60.23 4.15 0.00	55.21 3.75 0.00
G.F.CEMENT___DRP 24184	55.05 3.79 0.00	49.66 3.29 0.00	47.27 3.05 0.00	45.57 2.94 0.00	46.18 3.02 0.00	49.42 3.36 0.00	52.33 3.51 0.00	53.76 3.47 0.00	55.90 3.56 0.00	56.54 3.35 0.00	54.30 2.64 0.00	58.94 2.92 0.11	59.35 2.77 0.00	63.26 2.61 0.16	64.56 2.75 0.66	68.15 3.49 0.00	75.80 4.09 0.00	90.46 5.68 0.00	87.01 6.59 0.00	85.49 5.89 0.00	77.55 5.54 0.00	68.56 5.02 0.00	59.89 3.81 0.00	55.11 3.65 0.00
GARDENVILLE___LBMP 24039	51.36 0.10 0.00	45.12 -1.25 0.00	42.80 -1.42 0.00	40.80 -1.83 0.00	41.52 -1.64 0.00	44.21 -1.84 0.00	47.35 -1.46 0.00	47.63 -2.67 0.00	49.99 -2.36 0.00	50.90 -2.29 0.00	49.91 -1.76 0.00	55.12 -1.01 0.00	56.41 -0.17 0.00	61.23 0.43 0.00	63.09 0.62 0.00	65.50 0.84 0.00	73.01 1.29 0.00	87.32 2.54 0.00	83.31 2.90 0.00	81.67 2.07 0.00	73.01 1.01 0.00	64.43 0.89 0.00	56.02 -0.06 0.00	51.56 0.10 0.00
GARDNVLA_35_KV_LD 355827	51.57 0.31 0.00	45.26 -1.11 0.00	42.94 -1.28 0.00	40.92 -1.71 0.00	41.70 -1.47 0.00	44.35 -1.70 0.00	47.50 -1.32 0.00	47.88 -2.41 0.00	50.30 -2.04 0.00	51.28 -1.91 0.00	50.33 -1.34 0.00	55.51 -0.62 0.00	56.86 0.28 0.00	61.72 0.91 0.00	63.66 1.19 0.00	65.95 1.29 0.00	73.51 1.79 0.00	87.83 3.05 0.00	83.79 3.38 0.00	82.15 2.55 0.00	73.44 1.44 0.00	64.74 1.21 0.00	56.30 0.22 0.00	51.81 0.36 0.00
GELCKHM___115KV_LOAD 80723	51.00 -0.26 0.00	45.86 -0.51 0.00	43.69 -0.53 0.00	42.03 -0.60 0.00	42.60 -0.56 0.00	45.46 -0.60 0.00	48.33 -0.49 0.00	49.64 -0.65 0.00	51.61 -0.73 0.00	52.55 -0.64 0.00	50.95 -0.72 0.00	55.56 -0.56 0.00	56.07 -0.51 0.00	60.38 -0.43 0.00	62.03 -0.44 0.00	64.40 -0.26 0.00	71.64 -0.07 0.00	85.29 0.51 0.00	80.98 0.56 0.00	80.00 0.40 0.00	72.07 0.07 0.00	63.66 0.13 0.00	55.80 -0.28 0.00	51.20 -0.26 0.00
GENERAL___MILLS 23808	51.47 0.21 0.00	45.17 -1.21 0.00	42.85 -1.37 0.00	40.84 -1.79 0.00	41.61 -1.55 0.00	44.26 -1.80 0.00	47.40 -1.42 0.00	47.73 -2.56 0.00	50.20 -2.15 0.00	51.12 -2.07 0.00	50.17 -1.50 0.00	55.34 -0.79 0.00	56.69 0.11 0.00	61.47 0.67 0.00	63.41 0.94 0.00	65.69 1.03 0.00	73.22 1.51 0.00	87.58 2.80 0.00	83.55 3.14 0.00	81.91 2.31 0.00	73.23 1.22 0.00	64.62 1.08 0.00	56.19 0.11 0.00	51.71 0.26 0.00
GE_PLASTICS___DRP 24183	52.44 1.18 0.00	47.48 1.11 0.00	45.33 1.11 0.00	43.74 1.11 0.00	44.29 1.12 0.00	47.25 1.20 0.00	49.94 1.12 0.00	51.25 0.96 0.00	53.23 0.89 0.00	54.04 0.85 0.00	52.44 0.78 0.00	56.84 0.79 0.07	56.75 0.17 0.00	38.55 -0.06 22.19	38.55 0.00 23.92	38.42 0.39 26.62	38.55 0.43 33.60	85.56 0.85 0.06	81.40 1.05 0.06	79.76 0.16 0.00	72.22 0.22 0.00	63.54 0.00 0.00	55.91 -0.17 0.00	51.61 0.15 0.00
GILBOA___1 23756	52.65 1.38 0.00	47.67 1.30 0.00	45.77 1.55 0.00	44.42 1.79 0.00	44.93 1.77 0.00	47.81 1.75 0.00	50.28 1.46 0.00	51.50 1.21 0.00	53.49 1.15 0.00	54.36 1.17 0.00	52.86 1.19 0.00	57.33 1.18 -0.02	57.77 1.19 0.00	62.05 1.22 -0.03	63.90 1.31 -0.12	66.53 1.88 0.00	73.72 2.01 0.00	87.49 2.71 0.00	82.99 2.57 0.00	81.35 1.75 0.00	73.66 1.66 0.00	64.81 1.27 0.00	57.03 0.95 0.00	52.54 1.08 0.00
GILBOA___2 23757	52.65 1.38 0.00	47.67 1.30 0.00	45.77 1.55 0.00	44.42 1.79 0.00	44.93 1.77 0.00	47.81 1.75 0.00	50.28 1.46 0.00	51.50 1.21 0.00	53.49 1.15 0.00	54.36 1.17 0.00	52.86 1.19 0.00	57.33 1.18 -0.02	57.77 1.19 0.00	62.05 1.22 -0.03	63.90 1.31 -0.12	66.53 1.88 0.00	73.72 2.01 0.00	87.49 2.71 0.00	82.99 2.57 0.00	81.35 1.75 0.00	73.66 1.66 0.00	64.81 1.27 0.00	57.03 0.95 0.00	52.54 1.08 0.00
GILBOA___3 23758	52.65 1.38 0.00	47.67 1.30 0.00	45.77 1.55 0.00	44.42 1.79 0.00	44.93 1.77 0.00	47.81 1.75 0.00	50.28 1.46 0.00	51.50 1.21 0.00	53.49 1.15 0.00	54.36 1.17 0.00	52.86 1.19 0.00	57.33 1.18 -0.02	57.77 1.19 0.00	62.05 1.22 -0.03	63.90 1.31 -0.12	66.53 1.88 0.00	73.72 2.01 0.00	87.49 2.71 0.00	82.99 2.57 0.00	81.35 1.75 0.00	73.66 1.66 0.00	64.81 1.27 0.00	57.03 0.95 0.00	52.54 1.08 0.00
GILBOA___4 23759	52.65 1.38 0.00	47.67 1.30 0.00	45.77 1.55 0.00	44.42 1.79 0.00	44.93 1.77 0.00	47.81 1.75 0.00	50.28 1.46 0.00	51.50 1.21 0.00	53.49 1.15 0.00	54.36 1.17 0.00	52.86 1.19 0.00	57.33 1.18 -0.02	57.77 1.19 0.00	62.05 1.22 -0.03	63.90 1.31 -0.12	66.53 1.88 0.00	73.72 2.01 0.00	87.49 2.71 0.00	82.99 2.57 0.00	81.35 1.75 0.00	73.66 1.66 0.00	64.81 1.27 0.00	57.03 0.95 0.00	52.54 1.08 0.00

GILBOA____ 23599	52.70 1.44 0.00	47.67 1.30 0.00	45.77 1.55 0.00	44.42 1.79 0.00	44.93 1.77 0.00	47.81 1.75 0.00	50.28 1.46 0.00	51.50 1.21 0.00	53.49 1.15 0.00	54.36 1.17 0.00	52.86 1.19 0.00	57.32 1.18 -0.02	57.77 1.19 0.00	62.05 1.22 -0.03	63.90 1.31 -0.12	66.40 1.75 0.00	73.72 2.01 0.00	87.32 2.54 0.00	82.99 2.57 0.00	81.35 1.75 0.00	73.66 1.66 0.00	64.81 1.27 0.00	56.98 0.90 0.00	52.58 1.13 0.00
GINNA____ 23603	49.16 -2.10 0.00	43.73 -2.64 0.00	41.52 -2.70 0.00	39.86 -2.77 0.00	40.36 -2.80 0.00	43.06 -2.99 0.00	46.03 -2.78 0.00	47.18 -3.12 0.00	49.36 -2.98 0.00	50.37 -2.82 0.00	49.09 -2.58 0.00	53.88 -2.25 0.00	54.66 -1.92 0.00	58.98 -1.82 0.00	60.66 -1.81 0.00	63.17 -1.48 0.00	70.21 -1.51 0.00	84.27 -0.51 0.00	79.94 -0.48 0.00	78.73 -0.87 0.00	70.56 -1.44 0.00	62.27 -1.27 0.00	54.28 -1.80 0.00	49.96 -1.49 0.00
GLEN PARK____ 23778	53.77 2.51 0.00	48.41 2.04 0.00	46.03 1.81 0.00	44.25 1.62 0.00	44.98 1.81 0.00	48.08 2.02 0.00	51.45 2.63 0.00	52.91 2.61 0.00	54.64 2.30 0.00	55.26 2.07 0.00	52.24 0.57 0.00	56.97 0.84 0.00	57.20 0.62 0.00	61.48 0.67 0.00	62.66 0.19 0.00	64.85 0.19 0.00	72.43 0.72 0.00	86.90 2.12 0.00	83.55 3.13 0.00	83.74 4.14 0.00	77.19 5.19 0.00	68.36 4.83 0.00	59.50 3.42 0.00	54.28 2.83 0.00
GLENDALE_27_KV_LOAD 356172	54.95 3.69 0.00	50.36 3.99 0.00	47.76 3.54 0.00	45.95 3.33 0.00	46.36 3.19 0.00	49.65 3.59 0.00	52.43 3.61 0.00	53.81 3.52 0.00	55.74 3.40 0.00	56.65 3.46 0.00	55.80 4.13 0.00	60.01 3.76 -0.12	60.37 3.79 0.00	65.00 4.01 -0.18	67.52 4.31 -0.74	69.48 4.91 0.09	73.83 5.45 3.33	85.87 6.70 5.61	71.56 6.27 15.13	67.72 4.62 16.50	66.70 3.96 9.26	62.49 3.11 4.16	59.22 3.14 0.00	55.05 3.60 0.00
GLENWOOD_IC_1_G5 23712	61.16 4.10 -5.80	52.44 3.94 -2.13	51.25 3.58 -3.44	47.04 3.37 -1.04	47.71 3.32 -1.22	49.96 3.64 -0.26	52.67 3.86 0.00	54.17 3.87 0.00	56.16 3.82 0.00	57.07 3.88 0.00	55.85 4.19 0.00	60.29 4.04 -0.12	78.65 4.13 -17.94	65.49 4.50 -0.18	74.43 4.81 -7.15	76.08 5.43 -5.99	92.14 6.10 -14.33	95.11 7.63 -2.70	89.38 7.16 -1.81	86.66 5.49 -1.57	81.52 4.68 -4.84	69.33 3.69 -2.11	63.47 3.14 -4.25	55.22 3.76 -0.01
GLENWOOD_IC_2_G1 23688	57.73 3.64 -2.83	52.12 3.62 -2.13	50.94 3.27 -3.44	46.70 3.03 -1.04	47.36 2.98 -1.22	49.64 3.32 -0.26	52.34 3.52 -0.01	53.82 3.52 -0.01	55.85 3.51 0.00	56.65 3.46 0.00	55.44 3.77 0.00	60.07 3.82 -0.13	69.55 3.90 -9.07	65.25 4.25 -0.19	70.95 4.50 -3.98	73.12 5.43 -3.03	84.70 5.74 -7.25	93.61 7.46 -1.37	88.09 6.76 -0.92	85.57 5.17 -0.80	78.92 4.47 -2.45	68.16 3.56 -1.07	61.29 3.14 -2.07	54.70 3.24 0.00
GLENWOOD_IC_3_G1 23689	57.73 3.64 -2.83	52.12 3.62 -2.13	50.94 3.27 -3.44	46.70 3.03 -1.04	47.36 2.98 -1.22	49.64 3.32 -0.26	52.34 3.52 -0.01	53.82 3.52 -0.01	55.85 3.51 0.00	56.65 3.46 0.00	55.44 3.77 0.00	60.07 3.82 -0.13	69.55 3.90 -9.07	65.25 4.25 -0.19	70.95 4.50 -3.98	73.12 5.43 -3.03	84.70 5.74 -7.25	93.61 7.46 -1.37	88.09 6.76 -0.92	85.57 5.17 -0.80	78.92 4.47 -2.45	68.16 3.56 -1.07	61.29 3.14 -2.07	54.70 3.24 0.00
GLENWOOD____4 23550	61.16 4.10 -5.80	52.44 3.94 -2.13	51.25 3.58 -3.44	47.04 3.37 -1.04	47.71 3.32 -1.22	49.96 3.64 -0.26	52.67 3.86 0.00	54.17 3.87 0.00	56.16 3.82 0.00	57.07 3.88 0.00	55.85 4.19 0.00	60.40 4.15 -0.12	78.76 4.24 -17.94	65.61 4.62 -0.18	74.56 4.94 -7.15	76.27 5.63 -5.99	92.29 6.24 -14.33	95.36 7.88 -2.70	89.54 7.32 -1.81	86.90 5.73 -1.57	81.74 4.90 -4.84	69.53 3.88 -2.11	63.59 3.25 -4.25	55.22 3.76 -0.01
GLENWOOD____5 23614	61.16 4.10 -5.80	52.44 3.94 -2.13	51.25 3.58 -3.44	47.04 3.37 -1.04	47.71 3.32 -1.22	49.96 3.64 -0.26	52.67 3.86 0.00	54.17 3.87 0.00	56.16 3.82 0.00	57.07 3.88 0.00	55.85 4.19 0.00	60.40 4.15 -0.12	78.76 4.24 -17.94	65.61 4.62 -0.18	74.56 4.94 -7.15	76.27 5.63 -5.99	92.29 6.24 -14.33	95.36 7.88 -2.70	89.54 7.32 -1.81	86.90 5.73 -1.57	81.74 4.90 -4.84	69.53 3.88 -2.11	63.59 3.25 -4.25	55.22 3.76 -0.01
GLOBAL GREEN_PORT_GT1 23814	60.84 6.66 -2.92	55.14 6.63 -2.14	53.72 6.06 -3.44	49.47 5.80 -1.04	50.21 5.82 -1.22	52.72 6.40 -0.26	55.61 6.78 -0.01	57.15 6.84 -0.02	60.27 7.12 -0.81	64.71 7.18 -4.34	70.64 7.54 -11.43	201.44 8.36 -136.95	230.88 8.37 -165.93	254.90 7.29 -186.81	254.42 7.81 -184.14	266.52 8.98 -192.89	290.08 9.25 -209.11	318.86 12.03 -222.05	301.39 11.41 -209.56	310.79 9.39 -221.80	248.78 7.85 -168.93	287.52 6.23 -217.75	68.00 7.01 -4.92	57.63 6.59 0.41
GLOBE____DSASP 323697	49.42 -1.85 0.00	43.36 -3.01 0.00	41.12 -3.10 0.00	39.82 -2.81 0.00	40.53 -2.63 0.00	43.11 -2.95 0.00	45.54 -3.27 0.00	45.82 -4.48 0.00	48.15 -4.19 0.00	49.04 -4.15 0.00	48.16 -3.51 0.00	53.10 -3.03 0.00	54.37 -2.21 0.00	58.86 -1.95 0.00	60.66 -1.81 0.00	62.78 -1.88 0.00	69.78 -1.94 0.00	83.42 -1.36 0.00	79.53 -0.88 0.00	78.09 -1.51 0.00	69.84 -2.16 0.00	61.82 -1.72 0.00	54.00 -2.07 0.00	49.65 -1.80 0.00
GOETHSLN____LBMP 323567	54.48 3.23 0.01	49.62 3.25 0.00	47.09 2.87 0.00	45.27 2.64 0.00	45.70 2.55 0.01	48.90 2.86 0.01	51.84 3.03 0.00	53.41 3.12 0.00	54.78 3.09 0.65	54.73 3.09 1.54	55.07 3.41 0.01	55.83 3.26 3.55	56.61 3.34 3.31	58.55 3.59 5.85	63.87 3.87 2.48	66.45 4.46 2.67	72.27 4.95 4.40	84.53 6.10 6.35	76.45 5.63 9.60	65.34 3.98 18.24	61.36 3.38 14.02	56.74 2.60 9.40	58.65 2.58 0.01	54.44 2.98 0.00
GOLAH____69_KV_TB 1_2 80279	51.77 0.51 0.00	45.86 -0.51 0.00	43.42 -0.80 0.00	41.48 -1.15 0.00	42.13 -1.04 0.00	44.95 -1.11 0.00	48.13 -0.68 0.00	48.99 -1.31 0.00	51.19 -1.15 0.00	52.23 -0.96 0.00	51.00 -0.67 0.00	56.07 -0.06 0.00	57.09 0.51 0.00	61.72 0.91 0.00	63.53 1.06 0.00	66.01 1.36 0.00	73.36 1.65 0.00	88.00 3.22 0.00	83.96 3.54 0.00	82.79 3.18 0.00	74.09 2.09 0.00	65.51 1.97 0.00	57.20 1.12 0.00	52.48 1.03 0.00
GOODYEAR_LAKE_HYD 323669	53.62 2.36 0.00	48.36 1.99 0.00	46.12 1.90 0.00	44.51 1.88 0.00	45.11 1.94 0.00	48.18 2.12 0.00	51.06 2.25 0.00	52.41 2.11 0.00	54.43 2.09 0.00	55.37 2.18 0.00	53.84 2.17 0.00	58.54 2.41 0.00	59.01 2.43 0.00	63.48 2.68 0.00	65.16 2.69 0.00	67.76 3.10 0.00	75.37 3.66 0.00	89.78 5.00 0.00	85.48 5.07 0.00	84.14 4.54 0.00	75.96 3.96 0.00	66.97 3.43 0.00	58.55 2.47 0.00	53.77 2.32 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	52.23 0.97 0.00	46.79 0.42 0.00	44.57 0.35 0.00	42.89 0.26 0.00	43.46 0.30 0.00	46.38 0.32 0.00	49.30 0.49 0.00	50.39 0.10 0.00	52.50 0.16 0.00	53.62 0.43 0.00	52.08 0.41 0.00	56.91 0.79 0.00	57.54 0.96 0.00	62.08 1.28 0.00	63.78 1.31 0.00	66.21 1.55 0.00	73.65 1.94 0.00	87.75 2.97 0.00	83.47 3.06 0.00	82.23 2.63 0.00	73.95 1.94 0.00	65.25 1.72 0.00	56.98 0.90 0.00	52.33 0.87 0.00

GOUDEY___7 23579	52.23 0.97 0.00	46.79 0.42 0.00	44.57 0.35 0.00	42.89 0.26 0.00	43.46 0.30 0.00	46.38 0.32 0.00	49.30 0.49 0.00	50.39 0.10 0.00	52.50 0.16 0.00	53.62 0.43 0.00	52.08 0.41 0.00	56.91 0.79 0.00	57.54 0.96 0.00	62.08 1.28 0.00	63.78 1.31 0.00	66.21 1.55 0.00	73.65 1.94 0.00	87.75 2.97 0.00	83.47 3.06 0.00	82.23 2.63 0.00	73.95 1.94 0.00	65.25 1.72 0.00	56.98 0.90 0.00	52.33 0.87 0.00
GOUDEY___8 23580	52.23 0.97 0.00	46.79 0.42 0.00	44.57 0.35 0.00	42.89 0.26 0.00	43.46 0.30 0.00	46.38 0.32 0.00	49.30 0.49 0.00	50.39 0.10 0.00	52.50 0.16 0.00	53.62 0.43 0.00	52.08 0.41 0.00	56.91 0.79 0.00	57.54 0.96 0.00	62.08 1.28 0.00	63.78 1.31 0.00	66.21 1.55 0.00	73.65 1.94 0.00	87.75 2.97 0.00	83.47 3.06 0.00	82.23 2.63 0.00	73.95 1.94 0.00	65.25 1.72 0.00	56.98 0.90 0.00	52.33 0.87 0.00
GOWANUS_GT1_1 24077	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.27 2.93 0.00	56.28 3.09 0.00	55.44 3.77 0.00	59.67 3.42 -0.12	60.04 3.45 0.00	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GOWANUS_GT1_2 24078	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.27 2.93 0.00	56.28 3.09 0.00	55.44 3.77 0.00	59.67 3.42 -0.12	60.04 3.45 0.00	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GOWANUS_GT1_3 24079	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.27 2.93 0.00	56.28 3.09 0.00	55.44 3.77 0.00	59.67 3.42 -0.12	60.04 3.45 0.00	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GOWANUS_GT1_4 24080	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.27 2.93 0.00	56.28 3.09 0.00	55.44 3.77 0.00	59.67 3.42 -0.12	60.04 3.45 0.00	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GOWANUS_GT1_5 24084	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.27 2.93 0.00	56.28 3.09 0.00	55.44 3.77 0.00	59.67 3.42 -0.12	60.04 3.45 0.00	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GOWANUS_GT1_6 24111	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.27 2.93 0.00	56.28 3.09 0.00	55.44 3.77 0.00	59.67 3.42 -0.12	60.04 3.45 0.00	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GOWANUS_GT1_7 24112	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.27 2.93 0.00	56.28 3.09 0.00	55.44 3.77 0.00	59.67 3.42 -0.12	60.04 3.45 0.00	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GOWANUS_GT1_8 24113	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.27 2.93 0.00	56.28 3.09 0.00	55.44 3.77 0.00	59.67 3.42 -0.12	60.04 3.45 0.00	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GOWANUS_GT2_1 24114	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
GOWANUS_GT2_2 24115	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
GOWANUS_GT2_3 24116	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
GOWANUS_GT2_4 24117	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
GOWANUS_GT2_5 24118	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00

GOWANUS_GT2_6 24119	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
GOWANUS_GT2_7 24120	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
GOWANUS_GT2_8 24121	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
GOWANUS_GT3_1 24122	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
GOWANUS_GT3_2 24123	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
GOWANUS_GT3_3 24124	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
GOWANUS_GT3_4 24125	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
GOWANUS_GT3_5 24126	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
GOWANUS_GT3_6 24127	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
GOWANUS_GT3_7 24128	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
GOWANUS_GT3_8 24129	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
GOWANUS_GT4_1 24130	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.26 2.93 0.01	56.27 3.09 0.01	55.44 3.77 0.00	59.66 3.42 -0.11	60.02 3.45 0.01	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GOWANUS_GT4_2 24131	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.26 2.93 0.01	56.27 3.09 0.01	55.44 3.77 0.00	59.66 3.42 -0.11	60.02 3.45 0.01	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GOWANUS_GT4_3 24132	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.26 2.93 0.01	56.27 3.09 0.01	55.44 3.77 0.00	59.66 3.42 -0.11	60.02 3.45 0.01	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GOWANUS_GT4_4 24133	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.26 2.93 0.01	56.27 3.09 0.01	55.44 3.77 0.00	59.66 3.42 -0.11	60.02 3.45 0.01	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00

GOWANUS_GT4_5 24134	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.26 2.93 0.01	56.27 3.09 0.01	55.44 3.77 0.00	59.66 3.42 -0.11	60.02 3.45 0.01	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GOWANUS_GT4_6 24135	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.26 2.93 0.01	56.27 3.09 0.01	55.44 3.77 0.00	59.66 3.42 -0.11	60.02 3.45 0.01	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GOWANUS_GT4_7 24136	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.26 2.93 0.01	56.27 3.09 0.01	55.44 3.77 0.00	59.66 3.42 -0.11	60.02 3.45 0.01	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GOWANUS_GT4_8 24137	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.26 2.93 0.01	56.27 3.09 0.01	55.44 3.77 0.00	59.66 3.42 -0.11	60.02 3.45 0.01	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GREATVR_69_KV_BK1 356245	60.16 5.64 -3.26	54.26 5.75 -2.13	52.93 5.26 -3.44	48.66 4.99 -1.04	49.35 4.96 -1.22	51.71 5.39 -0.26	54.43 5.61 0.00	55.93 5.63 -0.01	58.23 5.13 -0.76	62.67 5.32 -4.16	63.84 5.32 -6.85	144.03 5.84 -82.07	164.66 5.83 -102.26	178.97 6.20 -111.96	180.65 6.56 -111.62	188.52 7.37 -116.49	207.51 8.25 -127.54	228.64 10.43 -133.43	216.04 9.81 -125.81	220.82 8.12 -133.10	180.95 6.98 -101.96	200.08 5.78 -130.76	64.30 4.99 -3.23	56.19 4.99 0.26
GREENBSH_115KV_TB3 55895	52.34 1.08 0.00	47.39 1.02 0.00	45.19 0.97 0.00	43.61 0.98 0.00	44.11 0.95 0.00	47.12 1.06 0.00	49.79 0.98 0.00	51.10 0.80 0.00	53.07 0.73 0.00	53.83 0.64 0.00	52.29 0.62 0.00	56.59 0.56 0.09	56.86 0.28 0.00	60.84 0.18 0.14	62.08 0.19 0.57	65.30 0.65 0.00	72.43 0.72 0.00	86.05 1.27 0.00	81.86 1.45 0.00	80.16 0.56 0.00	72.58 0.58 0.00	63.85 0.32 0.00	56.13 0.06 0.00	51.81 0.36 0.00
GREENDGE_115KV_TB5 80291	52.13 0.87 0.00	46.74 0.37 0.00	44.44 0.22 0.00	42.63 0.00 0.00	43.25 0.09 0.00	46.20 0.14 0.00	49.35 0.54 0.00	49.94 -0.35 0.00	51.97 -0.37 0.00	52.82 -0.37 0.00	51.26 -0.41 0.00	56.35 0.22 0.00	57.26 0.68 0.00	61.90 1.09 0.00	63.66 1.19 0.00	66.08 1.42 0.00	73.94 2.22 0.00	88.00 3.22 0.00	84.60 4.18 0.00	83.42 3.82 0.00	74.81 2.81 0.00	65.95 2.41 0.00	57.31 1.23 0.00	52.43 0.98 0.00
GREENIDGE___3 23582	52.13 0.87 0.00	46.74 0.37 0.00	44.44 0.22 0.00	42.63 0.00 0.00	43.25 0.09 0.00	46.20 0.14 0.00	49.35 0.54 0.00	49.94 -0.35 0.00	51.97 -0.37 0.00	52.82 -0.37 0.00	51.26 -0.41 0.00	56.35 0.22 0.00	57.26 0.68 0.00	61.90 1.09 0.00	63.66 1.19 0.00	66.08 1.42 0.00	73.94 2.22 0.00	88.00 3.22 0.00	84.60 4.18 0.00	83.42 3.82 0.00	74.81 2.81 0.00	65.95 2.41 0.00	57.31 1.23 0.00	52.43 0.98 0.00
GREENIDGE___4 23583	52.13 0.87 0.00	46.74 0.37 0.00	44.44 0.22 0.00	42.67 0.04 0.00	43.25 0.09 0.00	46.20 0.14 0.00	49.30 0.49 0.00	50.14 -0.15 0.00	51.98 -0.36 0.00	52.82 -0.37 0.00	51.31 -0.36 0.00	56.41 0.28 0.00	57.32 0.73 0.00	61.90 1.10 0.00	63.65 1.18 0.00	66.20 1.55 0.00	73.94 2.23 0.00	88.42 3.64 0.00	84.60 4.18 0.00	83.42 3.82 0.00	74.81 2.81 0.00	65.95 2.41 0.00	57.26 1.18 0.00	52.58 1.13 0.00
GREENLWN_69_KV_BK 3 55738	56.04 3.59 -1.19	52.30 3.80 -2.12	51.20 3.54 -3.44	47.00 3.33 -1.04	47.67 3.28 -1.22	49.91 3.59 -0.26	52.43 3.61 0.00	53.76 3.47 0.00	55.48 3.30 0.16	55.56 3.19 0.82	52.37 3.15 2.45	29.48 3.54 30.18	28.90 3.45 31.13	23.44 3.77 41.14	28.72 4.06 37.81	28.60 4.78 40.84	35.26 5.38 41.84	43.32 6.87 48.33	40.93 6.35 45.84	35.67 4.70 48.63	40.07 3.96 35.89	19.09 3.11 47.56	56.26 2.52 2.34	52.93 2.83 1.35
GREENWD_138_KV_38B11_REV_LBMP_J 345004	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.27 2.93 0.00	56.28 3.09 0.00	55.44 3.77 0.00	59.67 3.42 -0.12	60.04 3.45 0.00	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00
GRISSOM___SOLAR 323813	54.90 3.64 0.00	49.53 3.15 0.00	47.18 2.96 0.00	45.49 2.86 0.00	46.14 2.98 0.00	49.38 3.32 0.00	52.23 3.42 0.00	53.41 3.12 0.00	55.22 2.88 0.00	55.85 2.66 0.00	54.00 2.33 0.00	58.41 2.36 0.07	58.90 2.32 0.00	62.95 2.25 0.11	64.40 2.37 0.44	67.89 3.23 0.00	75.37 3.66 0.00	90.12 5.34 0.00	86.21 5.79 0.00	85.34 5.73 0.00	77.40 5.40 0.00	68.50 4.96 0.00	59.94 3.87 0.00	55.00 3.55 0.00
GROVEVILLE___HYD 323602	54.54 3.28 0.00	49.48 3.11 0.00	47.05 2.83 0.00	45.27 2.64 0.00	45.75 2.59 0.00	48.96 2.90 0.00	51.84 3.03 0.00	53.36 3.07 0.00	55.43 3.09 0.00	56.33 3.14 0.00	54.72 3.05 0.00	59.31 3.09 -0.10	59.69 3.11 0.00	64.18 3.22 -0.15	66.25 3.19 -0.59	68.47 3.81 0.00	76.09 4.37 0.00	90.71 5.93 0.00	86.05 5.63 0.00	83.82 4.22 0.00	75.53 3.53 0.00	66.40 2.86 0.00	58.88 2.80 0.00	54.64 3.19 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	51.41 0.15 0.00	46.23 -0.14 0.00	44.00 -0.22 0.00	42.33 -0.30 0.00	42.90 -0.26 0.00	45.78 -0.28 0.00	48.67 -0.15 0.00	49.99 -0.30 0.00	51.97 -0.37 0.00	52.92 -0.27 0.00	51.26 -0.41 0.00	55.96 -0.17 0.00	56.47 -0.11 0.00	60.81 0.00 0.00	62.47 0.00 0.00	64.85 0.19 0.00	72.15 0.43 0.00	85.97 1.19 0.00	81.62 1.21 0.00	80.64 1.03 0.00	72.65 0.65 0.00	64.17 0.64 0.00	56.25 0.17 0.00	51.56 0.10 0.00
HAMLTNNY_34_KV_TB 80303	51.57 0.31 0.00	46.28 -0.09 0.00	44.04 -0.18 0.00	42.37 -0.26 0.00	42.90 -0.26 0.00	45.78 -0.28 0.00	48.72 -0.10 0.00	49.99 -0.30 0.00	52.03 -0.31 0.00	52.98 -0.21 0.00	51.36 -0.31 0.00	56.18 0.06 0.00	56.69 0.11 0.00	61.11 0.30 0.00	62.78 0.31 0.00	65.24 0.58 0.00	72.58 0.86 0.00	86.56 1.78 0.00	82.27 1.85 0.00	81.27 1.67 0.00	73.08 1.08 0.00	64.62 1.08 0.00	56.53 0.45 0.00	51.81 0.36 0.00

HAMPSHIRE___PAPER_HYD 323593	52.03 0.77 0.00	47.07 0.70 0.00	44.88 0.66 0.00	43.18 0.55 0.00	43.90 0.73 0.00	46.84 0.78 0.00	49.94 1.12 0.00	51.55 1.26 0.00	53.55 1.20 0.00	54.20 1.01 0.00	51.93 0.26 0.00	56.29 0.17 0.00	56.69 0.11 0.00	60.93 0.12 0.00	62.10 -0.37 0.00	63.56 -1.10 0.00	70.64 -1.07 0.00	83.17 -1.61 0.00	79.69 -0.73 0.00	79.84 0.24 0.00	73.30 1.30 0.00	65.00 1.46 0.00	57.59 1.51 0.00	52.69 1.23 0.00
HARDSCRABBLE_WT_PWR 323673	52.18 0.92 0.00	47.16 0.79 0.00	44.97 0.75 0.00	43.35 0.72 0.00	43.90 0.73 0.00	46.89 0.83 0.00	49.74 0.93 0.00	51.20 0.91 0.00	53.28 0.94 0.00	54.15 0.96 0.00	52.60 0.93 0.00	57.14 1.01 0.00	57.54 0.96 0.00	61.90 1.10 0.00	63.53 1.06 0.00	65.95 1.29 0.00	73.07 1.36 0.00	86.81 2.03 0.00	82.43 2.01 0.00	81.35 1.75 0.00	73.52 1.51 0.00	64.87 1.34 0.00	57.09 1.01 0.00	52.33 0.87 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	54.18 2.92 0.00	49.20 2.83 0.00	46.74 2.52 0.00	44.97 2.34 0.00	45.45 2.29 0.00	48.64 2.58 0.00	51.50 2.68 0.00	53.06 2.77 0.00	55.12 2.77 0.00	56.01 2.82 0.00	54.67 3.00 0.00	59.26 3.03 -0.11	59.69 3.11 0.00	64.37 3.41 -0.16	66.74 3.62 -0.65	68.92 4.27 0.00	76.59 4.88 0.00	91.22 6.44 0.00	86.45 6.03 0.00	84.22 4.62 0.00	75.89 3.89 0.00	66.59 3.05 0.00	58.60 2.52 0.00	54.18 2.73 0.00
HARSNRAD_115KV_TB1 81005	50.59 -0.67 0.00	44.38 -1.99 0.00	42.10 -2.12 0.00	39.94 -2.69 0.00	40.66 -2.50 0.00	43.25 -2.81 0.00	46.47 -2.34 0.00	46.67 -3.62 0.00	48.89 -3.45 0.00	49.84 -3.35 0.00	48.88 -2.79 0.00	53.94 -2.19 0.00	55.34 -1.24 0.00	59.95 -0.85 0.00	61.84 -0.62 0.00	64.01 -0.65 0.00	71.21 -0.50 0.00	85.29 0.51 0.00	81.38 0.97 0.00	79.84 0.24 0.00	71.42 -0.58 0.00	63.15 -0.38 0.00	55.07 -1.01 0.00	50.63 -0.82 0.00
HARZA MOOSE___RIVER 24016	53.00 1.74 0.00	47.81 1.44 0.00	45.50 1.28 0.00	43.82 1.19 0.00	44.46 1.29 0.00	47.48 1.43 0.00	50.62 1.81 0.00	52.10 1.81 0.00	54.07 1.73 0.00	54.84 1.65 0.00	52.65 0.98 0.00	57.30 1.18 0.00	57.60 1.02 0.00	61.96 1.16 0.00	63.41 0.94 0.00	65.63 0.97 0.00	73.15 1.43 0.00	87.32 2.54 0.00	83.23 2.81 0.00	82.63 3.02 0.00	75.31 3.31 0.00	66.65 3.11 0.00	58.32 2.24 0.00	53.31 1.85 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	51.06 -0.21 0.00	45.91 -0.46 0.00	43.69 -0.53 0.00	42.08 -0.55 0.00	42.60 -0.56 0.00	45.46 -0.60 0.00	48.33 -0.49 0.00	49.69 -0.60 0.00	51.71 -0.63 0.00	52.66 -0.53 0.00	51.05 -0.62 0.00	55.68 -0.45 0.00	56.19 -0.40 0.00	60.50 -0.30 0.00	62.16 -0.31 0.00	64.53 -0.13 0.00	71.72 0.00 0.00	85.37 0.59 0.00	81.14 0.72 0.00	80.08 0.48 0.00	72.14 0.14 0.00	63.73 0.19 0.00	55.85 -0.22 0.00	51.25 -0.21 0.00
HELLGATE_13_KV_LD 55870	54.95 3.69 0.00	50.41 4.03 0.00	47.80 3.58 0.00	46.00 3.37 0.00	46.40 3.24 0.00	49.65 3.59 0.00	52.43 3.61 0.00	53.76 3.47 0.00	55.64 3.30 0.00	56.59 3.40 0.00	55.75 4.08 0.00	59.95 3.70 -0.12	60.32 3.73 0.00	64.94 3.95 -0.18	67.45 4.25 -0.74	69.44 4.85 0.06	75.00 5.38 2.09	87.88 6.61 3.51	77.14 6.19 9.47	73.81 4.54 10.33	70.09 3.89 5.80	63.98 3.05 2.60	59.17 3.08 0.00	55.01 3.55 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	54.95 3.69 0.00	50.41 4.03 0.00	47.80 3.58 0.00	46.00 3.37 0.00	46.40 3.24 0.00	49.65 3.59 0.00	52.43 3.61 0.00	53.76 3.47 0.00	55.64 3.30 0.00	56.59 3.40 0.00	55.75 4.08 0.00	59.95 3.70 -0.12	60.32 3.73 0.00	64.94 3.95 -0.18	67.45 4.25 -0.74	69.44 4.85 0.06	75.00 5.38 2.09	87.88 6.61 3.51	77.14 6.19 9.47	73.81 4.54 10.33	70.09 3.89 5.80	63.98 3.05 2.60	59.17 3.08 0.00	55.01 3.55 0.00
HEMPSTEAD____ 23647	61.99 4.00 -6.73	52.49 3.99 -2.13	51.29 3.63 -3.44	47.08 3.41 -1.04	47.76 3.37 -1.22	50.01 3.69 -0.26	52.73 3.91 -0.01	54.18 3.87 -0.01	56.16 3.82 0.00	56.86 3.67 0.00	55.65 3.98 0.00	60.35 4.10 -0.13	80.83 4.19 -20.06	65.50 4.50 -0.19	75.19 4.81 -7.91	77.11 5.75 -6.70	93.77 6.02 -16.03	95.68 7.89 -3.02	89.59 7.15 -2.02	86.84 5.49 -1.75	82.17 4.75 -5.41	69.78 3.88 -2.36	64.56 3.54 -4.94	54.96 3.50 -0.01
HICKLING___1 23621	52.59 1.33 0.00	46.70 0.32 0.00	44.40 0.18 0.00	42.54 -0.09 0.00	43.16 0.00 0.00	46.10 0.05 0.00	49.21 0.39 0.00	49.94 -0.35 0.00	52.08 -0.26 0.00	52.92 -0.27 0.00	51.51 -0.16 0.00	56.69 0.56 0.00	57.66 1.08 0.00	62.39 1.58 0.00	64.22 1.75 0.00	66.59 1.94 0.00	74.51 2.80 0.00	89.10 4.32 0.00	84.92 4.50 0.00	83.66 4.06 0.00	75.03 3.02 0.00	66.14 2.60 0.00	57.37 1.29 0.00	52.58 1.13 0.00
HICKLING___2 23622	52.59 1.33 0.00	46.70 0.32 0.00	44.40 0.18 0.00	42.54 -0.09 0.00	43.16 0.00 0.00	46.10 0.05 0.00	49.21 0.39 0.00	49.94 -0.35 0.00	52.08 -0.26 0.00	52.92 -0.27 0.00	51.51 -0.16 0.00	56.69 0.56 0.00	57.66 1.08 0.00	62.39 1.58 0.00	64.22 1.75 0.00	66.59 1.94 0.00	74.51 2.80 0.00	89.10 4.32 0.00	84.92 4.50 0.00	83.66 4.06 0.00	75.03 3.02 0.00	66.14 2.60 0.00	57.37 1.29 0.00	52.58 1.13 0.00
HIGH FALLS___HY 23754	54.39 3.13 0.00	49.39 3.01 0.00	46.92 2.70 0.00	45.14 2.52 0.00	45.62 2.46 0.00	48.82 2.76 0.00	51.70 2.88 0.00	53.26 2.97 0.00	55.32 2.98 0.00	56.17 2.98 0.00	54.72 3.05 0.00	59.17 2.97 -0.07	59.75 3.17 0.00	63.08 3.59 1.32	65.11 3.75 1.11	67.41 4.46 1.71	74.72 5.16 2.16	91.81 7.04 0.00	87.17 6.76 0.00	85.01 5.41 0.00	76.54 4.54 0.00	67.22 3.69 0.00	59.27 3.20 0.00	54.85 3.40 0.00
HIGH_RIVER___SOLAR 323847	53.77 2.51 0.00	48.60 2.23 0.00	46.30 2.08 0.00	44.68 2.05 0.00	45.28 2.11 0.00	48.36 2.30 0.00	51.11 2.29 0.00	52.25 1.96 0.00	54.07 1.72 0.00	54.73 1.54 0.00	53.01 1.34 0.00	57.17 1.12 0.08	57.60 1.02 0.00	61.60 0.91 0.12	62.94 0.94 0.47	66.27 1.62 0.00	73.65 1.94 0.00	88.08 3.30 0.00	84.36 3.94 0.00	83.34 3.74 0.00	75.60 3.60 0.00	66.77 3.24 0.00	58.54 2.46 0.00	53.82 2.37 0.00
HILLBURN___GT 23639	54.13 2.87 0.00	49.25 2.88 0.00	46.78 2.56 0.00	45.02 2.39 0.00	45.49 2.33 0.00	48.63 2.58 0.00	51.55 2.73 0.00	53.06 2.76 0.00	55.11 2.77 0.00	56.01 2.82 0.00	54.72 3.05 0.00	59.26 3.03 -0.11	59.69 3.11 0.00	64.38 3.40 -0.17	66.82 3.68 -0.67	69.25 4.59 0.00	76.52 4.81 0.00	91.22 6.44 0.00	86.21 5.79 0.00	83.90 4.30 0.00	75.67 3.67 0.00	66.40 2.86 0.00	58.43 2.35 0.00	53.92 2.47 0.00
HILLSIDE_115KV_TB1 80332	51.88 0.62 0.00	46.14 -0.23 0.00	43.91 -0.31 0.00	42.08 -0.55 0.00	42.69 -0.47 0.00	45.60 -0.46 0.00	48.57 -0.24 0.00	49.39 -0.91 0.00	51.50 -0.84 0.00	52.34 -0.85 0.00	51.00 -0.67 0.00	56.01 -0.11 0.00	56.92 0.34 0.00	61.54 0.73 0.00	63.34 0.87 0.00	65.69 1.03 0.00	73.36 1.65 0.00	87.58 2.80 0.00	83.47 3.06 0.00	82.15 2.55 0.00	73.73 1.73 0.00	65.00 1.46 0.00	56.47 0.39 0.00	51.81 0.36 0.00

HISHELDN_WT_PWR 323625	51.47 0.21 0.00	45.31 -1.06 0.00	42.98 -1.24 0.00	41.14 -1.49 0.00	41.74 -1.42 0.00	44.54 -1.52 0.00	47.50 -1.32 0.00	47.83 -2.46 0.00	50.04 -2.30 0.00	50.90 -2.29 0.00	49.86 -1.81 0.00	55.12 -1.01 0.00	56.41 -0.17 0.00	60.99 0.18 0.00	62.85 0.38 0.00	65.24 0.58 0.00	72.72 1.00 0.00	87.24 2.46 0.00	82.99 2.57 0.00	81.75 2.15 0.00	73.22 1.22 0.00	64.55 1.01 0.00	56.02 -0.06 0.00	52.02 0.57 0.00
HOLTSVILLE_IC_1 23690	58.64 4.51 -2.87	53.42 4.91 -2.14	52.18 4.51 -3.44	47.94 4.26 -1.04	48.62 4.23 -1.22	50.93 4.61 -0.26	53.70 4.88 -0.01	54.99 4.68 -0.02	57.48 4.34 -0.80	61.50 4.04 -4.27	67.05 4.18 -11.20	194.77 4.49 -134.15	223.54 4.42 -162.54	248.47 4.68 -182.98	247.86 5.00 -180.39	259.61 6.01 -188.94	282.87 6.31 -204.84	310.42 8.14 -217.50	293.17 7.48 -205.27	302.66 5.81 -217.25	242.59 5.11 -165.48	281.09 4.26 -213.29	64.85 3.92 -4.84	54.82 3.75 0.39
HOLTSVILLE_IC_10 23699	59.26 4.92 -3.08	53.80 5.28 -2.14	52.48 4.82 -3.44	48.19 4.52 -1.04	48.92 4.53 -1.22	51.25 4.93 -0.26	54.05 5.23 -0.01	55.34 5.03 -0.02	57.96 4.76 -0.86	62.21 4.47 -4.55	68.34 4.60 -12.08	205.78 4.99 -144.66	236.86 4.98 -175.29	263.42 5.29 -197.32	262.51 5.56 -194.48	274.88 6.46 -203.76	299.36 6.74 -220.91	328.08 8.73 -234.56	309.75 7.96 -221.37	320.19 6.29 -234.30	256.08 5.62 -178.46	298.39 4.83 -230.03	65.57 4.38 -5.11	55.08 4.12 0.49
HOLTSVILLE_IC_2 23691	58.64 4.51 -2.87	53.42 4.91 -2.14	52.18 4.51 -3.44	47.94 4.26 -1.04	48.62 4.23 -1.22	50.93 4.61 -0.26	53.70 4.88 -0.01	54.99 4.68 -0.02	57.48 4.34 -0.80	61.50 4.04 -4.27	67.05 4.18 -11.20	194.77 4.49 -134.15	223.54 4.42 -162.54	248.47 4.68 -182.98	247.86 5.00 -180.39	259.61 6.01 -188.94	282.87 6.31 -204.84	310.42 8.14 -217.50	293.17 7.48 -205.27	302.66 5.81 -217.25	242.59 5.11 -165.48	281.09 4.26 -213.29	64.85 3.92 -4.84	54.82 3.75 0.39
HOLTSVILLE_IC_3 23692	58.64 4.51 -2.87	53.42 4.91 -2.14	52.18 4.51 -3.44	47.94 4.26 -1.04	48.62 4.23 -1.22	50.93 4.61 -0.26	53.70 4.88 -0.01	54.99 4.68 -0.02	57.48 4.34 -0.80	61.50 4.04 -4.27	67.05 4.18 -11.20	194.77 4.49 -134.15	223.54 4.42 -162.54	248.47 4.68 -182.98	247.86 5.00 -180.39	259.61 6.01 -188.94	282.87 6.31 -204.84	310.42 8.14 -217.50	293.17 7.48 -205.27	302.66 5.81 -217.25	242.59 5.11 -165.48	281.09 4.26 -213.29	64.85 3.92 -4.84	54.82 3.75 0.39
HOLTSVILLE_IC_4 23693	58.64 4.51 -2.87	53.42 4.91 -2.14	52.18 4.51 -3.44	47.94 4.26 -1.04	48.62 4.23 -1.22	50.93 4.61 -0.26	53.70 4.88 -0.01	54.99 4.68 -0.02	57.48 4.34 -0.80	61.50 4.04 -4.27	67.05 4.18 -11.20	194.77 4.49 -134.15	223.54 4.42 -162.54	248.47 4.68 -182.98	247.86 5.00 -180.39	259.61 6.01 -188.94	282.87 6.31 -204.84	310.42 8.14 -217.50	293.17 7.48 -205.27	302.66 5.81 -217.25	242.59 5.11 -165.48	281.09 4.26 -213.29	64.85 3.92 -4.84	54.82 3.75 0.39
HOLTSVILLE_IC_5 23694	58.64 4.51 -2.87	53.42 4.91 -2.14	52.18 4.51 -3.44	47.94 4.26 -1.04	48.62 4.23 -1.22	50.93 4.61 -0.26	53.70 4.88 -0.01	54.99 4.68 -0.02	57.48 4.34 -0.80	61.50 4.04 -4.27	67.05 4.18 -11.20	194.77 4.49 -134.15	223.54 4.42 -162.54	248.47 4.68 -182.98	247.86 5.00 -180.39	259.61 6.01 -188.94	282.87 6.31 -204.84	310.42 8.14 -217.50	293.17 7.48 -205.27	302.66 5.81 -217.25	242.59 5.11 -165.48	281.09 4.26 -213.29	64.85 3.92 -4.84	54.82 3.75 0.39
HOLTSVILLE_IC_6 23695	59.26 4.92 -3.08	53.80 5.28 -2.14	52.48 4.82 -3.44	48.19 4.52 -1.04	48.92 4.53 -1.22	51.25 4.93 -0.26	54.05 5.23 -0.01	55.34 5.03 -0.02	57.96 4.76 -0.86	62.21 4.47 -4.55	68.34 4.60 -12.08	205.78 4.99 -144.66	236.86 4.98 -175.29	263.42 5.29 -197.32	262.51 5.56 -194.48	274.88 6.46 -203.76	299.36 6.74 -220.91	328.08 8.73 -234.56	309.75 7.96 -221.37	320.19 6.29 -234.30	256.08 5.62 -178.46	298.39 4.83 -230.03	65.57 4.38 -5.11	55.08 4.12 0.49
HOLTSVILLE_IC_7 23696	59.26 4.92 -3.08	53.80 5.28 -2.14	52.48 4.82 -3.44	48.19 4.52 -1.04	48.92 4.53 -1.22	51.25 4.93 -0.26	54.05 5.23 -0.01	55.34 5.03 -0.02	57.96 4.76 -0.86	62.21 4.47 -4.55	68.34 4.60 -12.08	205.78 4.99 -144.66	236.86 4.98 -175.29	263.42 5.29 -197.32	262.51 5.56 -194.48	274.88 6.46 -203.76	299.36 6.74 -220.91	328.08 8.73 -234.56	309.75 7.96 -221.37	320.19 6.29 -234.30	256.08 5.62 -178.46	298.39 4.83 -230.03	65.57 4.38 -5.11	55.08 4.12 0.49
HOLTSVILLE_IC_8 23697	59.26 4.92 -3.08	53.80 5.28 -2.14	52.48 4.82 -3.44	48.19 4.52 -1.04	48.92 4.53 -1.22	51.25 4.93 -0.26	54.05 5.23 -0.01	55.34 5.03 -0.02	57.96 4.76 -0.86	62.21 4.47 -4.55	68.34 4.60 -12.08	205.78 4.99 -144.66	236.86 4.98 -175.29	263.42 5.29 -197.32	262.51 5.56 -194.48	274.88 6.46 -203.76	299.36 6.74 -220.91	328.08 8.73 -234.56	309.75 7.96 -221.37	320.19 6.29 -234.30	256.08 5.62 -178.46	298.39 4.83 -230.03	65.57 4.38 -5.11	55.08 4.12 0.49
HOLTSVILLE_IC_9 23698	59.26 4.92 -3.08	53.80 5.28 -2.14	52.48 4.82 -3.44	48.19 4.52 -1.04	48.92 4.53 -1.22	51.25 4.93 -0.26	54.05 5.23 -0.01	55.34 5.03 -0.02	57.96 4.76 -0.86	62.21 4.47 -4.55	68.34 4.60 -12.08	205.78 4.99 -144.66	236.86 4.98 -175.29	263.42 5.29 -197.32	262.51 5.56 -194.48	274.88 6.46 -203.76	299.36 6.74 -220.91	328.08 8.73 -234.56	309.75 7.96 -221.37	320.19 6.29 -234.30	256.08 5.62 -178.46	298.39 4.83 -230.03	65.57 4.38 -5.11	55.08 4.12 0.49
HOMER_HL_115KV_TB2 355744	51.67 0.41 0.00	45.40 -0.97 0.00	43.07 -1.15 0.00	41.05 -1.58 0.00	41.78 -1.38 0.00	44.63 -1.43 0.00	47.79 -1.03 0.00	47.63 -2.67 0.00	50.04 -2.30 0.00	50.85 -2.34 0.00	49.81 -1.86 0.00	54.95 -1.18 0.00	56.19 -0.40 0.00	60.99 0.18 0.00	62.91 0.44 0.00	65.17 0.52 0.00	72.93 1.22 0.00	87.15 2.37 0.00	83.15 2.73 0.00	81.59 1.99 0.00	72.94 0.94 0.00	64.24 0.70 0.00	55.41 -0.67 0.00	51.61 0.15 0.00
HOWARD_WT_PWR 323690	52.95 1.69 0.00	46.83 0.46 0.00	44.49 0.27 0.00	42.59 -0.04 0.00	43.25 0.09 0.00	46.15 0.09 0.00	49.30 0.49 0.00	49.74 -0.55 0.00	51.66 -0.68 0.00	52.45 -0.74 0.00	51.10 -0.57 0.00	56.46 0.34 0.00	57.65 1.07 0.00	62.38 1.58 0.00	64.22 1.75 0.00	66.79 2.13 0.00	74.66 2.94 0.00	89.78 5.00 0.00	85.64 5.22 0.00	84.54 4.94 0.00	75.81 3.81 0.00	66.84 3.30 0.00	57.82 1.74 0.00	53.36 1.90 0.00
HQ_GEN_CEDARS 23644	50.90 -0.36 0.00	46.28 -0.09 0.00	44.22 0.00 0.00	42.59 -0.04 0.00	43.16 0.00 0.00	46.01 -0.05 0.00	48.82 0.00 0.00	50.60 0.30 0.00	52.71 0.37 0.00	53.51 0.32 0.00	51.98 0.31 0.00	56.07 -0.06 0.00	56.64 0.06 0.00	60.87 0.06 0.00	62.28 -0.19 0.00	63.88 -0.78 0.00	70.57 -1.15 0.00	83.00 -1.78 0.00	78.33 -2.09 0.00	78.57 -1.03 0.00	71.42 -0.58 0.00	63.22 -0.32 0.00	56.41 0.34 0.00	51.56 0.10 0.00
HQ_GEN_CEDARS_PROXY 323590	51.01 -0.26 0.00	46.28 -0.09 0.00	44.22 0.00 0.00	42.59 -0.04 0.00	43.16 0.00 0.00	46.01 -0.05 0.00	48.10 0.00 0.71	51.31 0.30 -0.71	52.71 0.37 0.00	53.51 0.32 0.00	51.93 0.26 0.00	56.07 -0.06 0.00	56.64 0.06 0.00	60.87 0.06 0.00	62.28 -0.19 0.00	63.69 -0.97 0.00	72.23 -1.15 -1.66	79.98 -3.14 1.66	78.33 -2.09 0.00	78.56 -1.04 0.00	71.42 -0.58 0.00	64.13 -0.32 -0.91	58.78 0.34 -2.37	48.33 0.15 3.28

HQ_GEN_IMPORT 323601	50.59 -0.67 0.00	45.91 -0.46 0.00	43.78 -0.44 0.00	42.20 -0.43 0.00	42.73 -0.43 0.00	45.60 -0.46 0.00	47.66 -0.44 0.71	50.76 -0.25 -0.71	52.13 -0.21 0.00	52.98 -0.21 0.00	51.46 -0.21 0.00	55.85 -0.28 0.00	56.36 -0.23 0.00	60.50 -0.30 0.00	62.10 -0.37 0.00	63.75 -0.91 0.00	75.04 -1.00 -4.33	78.41 -2.04 4.33	78.41 -2.01 0.00	78.41 -1.19 0.00	71.06 0.00 0.00	63.75 -0.70 -0.91	58.22 -0.22 -2.37	47.76 -0.41 3.28
HQ_GEN_WHEEL 23651	50.59 -0.67 0.00	45.91 -0.46 0.00	43.78 -0.44 0.00	42.20 -0.43 0.00	42.73 -0.43 0.00	45.60 -0.46 0.00	47.66 -0.44 0.71	50.76 -0.25 -0.71	52.13 -0.21 0.00	52.98 -0.21 0.00	51.46 -0.21 0.00	55.85 -0.28 0.00	56.36 -0.23 0.00	60.50 -0.30 0.00	62.10 -0.37 0.00	63.75 -0.91 0.00	75.04 -1.00 -4.33	78.41 -2.04 4.33	78.41 -2.01 0.00	78.41 -1.19 0.00	71.06 -0.94 0.00	63.75 -0.70 -0.91	58.22 -0.22 -2.37	47.76 -0.41 3.28
HUDSON AVE_GT_3 23810	54.90 3.64 0.00	49.99 3.62 0.00	47.45 3.23 0.00	45.61 2.98 0.00	46.05 2.89 0.00	49.28 3.22 0.00	52.23 3.42 0.00	53.81 3.52 0.00	55.85 3.51 0.00	56.75 3.56 0.00	55.54 3.88 0.00	60.06 3.82 -0.12	60.49 3.90 0.00	65.19 4.20 -0.18	67.70 4.50 -0.74	69.83 5.17 0.00	77.38 5.67 0.00	91.82 7.04 0.00	86.93 6.51 0.00	84.46 4.86 0.00	76.11 4.10 0.00	66.78 3.24 0.00	59.16 3.08 0.00	54.85 3.40 0.00
HUDSON AVE_GT_4 23540	54.90 3.64 0.00	49.99 3.62 0.00	47.45 3.23 0.00	45.61 2.98 0.00	46.05 2.89 0.00	49.28 3.22 0.00	52.23 3.42 0.00	53.81 3.52 0.00	55.85 3.51 0.00	56.75 3.56 0.00	55.54 3.88 0.00	60.06 3.82 -0.12	60.49 3.90 0.00	65.19 4.20 -0.18	67.70 4.50 -0.74	69.83 5.17 0.00	77.38 5.67 0.00	91.82 7.04 0.00	86.93 6.51 0.00	84.46 4.86 0.00	76.11 4.10 0.00	66.78 3.24 0.00	59.16 3.08 0.00	54.85 3.40 0.00
HUDSON AVE_GT_5 23657	54.90 3.64 0.00	49.99 3.62 0.00	47.45 3.23 0.00	45.61 2.98 0.00	46.05 2.89 0.00	49.28 3.22 0.00	52.23 3.42 0.00	53.81 3.52 0.00	55.85 3.51 0.00	56.75 3.56 0.00	55.54 3.88 0.00	60.06 3.82 -0.12	60.49 3.90 0.00	65.19 4.20 -0.18	67.70 4.50 -0.74	69.83 5.17 0.00	77.38 5.67 0.00	91.82 7.04 0.00	86.93 6.51 0.00	84.46 4.86 0.00	76.11 4.10 0.00	66.78 3.24 0.00	59.16 3.08 0.00	54.85 3.40 0.00
HUDSON_AVE_10 24168	54.80 3.54 0.00	49.90 3.52 0.00	47.32 3.10 0.00	45.49 2.86 0.00	45.93 2.76 0.00	49.14 3.09 0.00	52.13 3.32 0.00	53.71 3.42 0.00	55.74 3.40 0.00	56.65 3.46 0.00	55.34 3.67 0.00	59.90 3.65 -0.12	60.32 3.73 0.00	64.94 3.95 -0.18	67.45 4.25 -0.74	69.57 4.91 0.00	77.17 5.45 0.00	91.56 6.78 0.00	86.69 6.27 0.00	84.22 4.62 0.00	75.89 3.89 0.00	66.59 3.05 0.00	59.05 2.97 0.00	54.69 3.24 0.00
HUDSON___115KV_TB 4 355613	53.36 2.10 0.00	48.27 1.90 0.00	46.03 1.81 0.00	44.38 1.75 0.00	44.93 1.77 0.00	47.99 1.93 0.00	50.72 1.90 0.00	51.80 1.51 0.00	53.70 1.36 0.00	54.36 1.17 0.00	52.65 0.98 0.00	57.30 1.23 0.06	57.15 0.57 0.00	56.10 0.73 5.44	57.15 0.75 6.07	59.51 1.29 6.43	65.17 1.58 8.12	87.31 2.54 0.02	83.06 2.65 0.02	81.59 1.99 0.00	73.80 1.80 0.00	65.19 1.65 0.00	57.14 1.07 0.00	52.69 1.23 0.00
HUNTER MOUNT___DRP 323613	53.52 2.26 0.00	48.36 1.99 0.00	46.12 1.90 0.00	44.46 1.83 0.00	45.02 1.86 0.00	48.08 2.03 0.00	50.77 1.95 0.00	51.95 1.66 0.00	53.81 1.47 0.00	54.41 1.22 0.00	52.65 0.98 0.00	57.54 1.46 0.04	57.03 0.45 0.00	53.83 0.85 7.83	54.83 0.87 8.51	56.78 1.49 9.36	61.69 1.79 11.82	87.64 2.88 0.02	83.21 2.81 0.02	81.75 2.15 0.00	73.95 1.94 0.00	65.38 1.84 0.00	57.31 1.23 0.00	52.79 1.34 0.00
HUNTINGTON_RES_REC 323705	59.57 4.15 -4.16	53.03 4.50 -2.17	51.82 4.16 -3.44	47.55 3.88 -1.04	48.23 3.84 -1.22	50.56 4.23 -0.26	53.22 4.40 -0.01	54.46 4.17 0.01	57.85 4.09 -1.42	64.16 3.67 -7.30	83.64 3.77 -28.20	400.03 4.15 -339.75	466.85 4.13 -406.14	528.70 4.50 -463.39	521.16 4.88 -453.82	547.41 5.88 -476.87	592.45 6.24 -514.50	643.30 8.22 -550.30	607.49 7.48 -519.59	635.29 5.65 -550.04	494.59 4.82 -417.77	607.24 3.88 -539.83	70.07 3.54 -10.45	53.06 3.34 1.74
HUNTLEY___63 23557	51.06 -0.21 0.00	44.75 -1.62 0.00	42.45 -1.77 0.00	40.63 -2.00 0.00	41.35 -1.81 0.00	43.98 -2.07 0.00	46.91 -1.90 0.00	47.23 -3.07 0.00	49.67 -2.67 0.00	50.64 -2.55 0.00	49.65 -2.02 0.00	54.84 -1.29 0.00	56.13 -0.45 0.00	60.93 0.12 0.00	62.84 0.37 0.00	64.85 0.19 0.00	72.00 0.29 0.00	86.14 1.36 0.00	82.19 1.77 0.00	80.56 0.96 0.00	72.00 0.00 0.00	63.73 0.19 0.00	55.74 -0.34 0.00	51.25 -0.21 0.00
HUNTLEY___64 23558	51.06 -0.21 0.00	44.75 -1.62 0.00	42.45 -1.77 0.00	40.63 -2.00 0.00	41.35 -1.81 0.00	43.98 -2.07 0.00	46.91 -1.90 0.00	47.23 -3.07 0.00	49.67 -2.67 0.00	50.64 -2.55 0.00	49.65 -2.02 0.00	54.84 -1.29 0.00	56.13 -0.45 0.00	60.93 0.12 0.00	62.84 0.37 0.00	64.85 0.19 0.00	72.00 0.29 0.00	86.14 1.36 0.00	82.19 1.77 0.00	80.56 0.96 0.00	72.00 0.00 0.00	63.73 0.19 0.00	55.74 -0.34 0.00	51.25 -0.21 0.00
HUNTLEY___65 23559	51.06 -0.21 0.00	44.75 -1.62 0.00	42.45 -1.77 0.00	40.63 -2.00 0.00	41.35 -1.81 0.00	43.98 -2.07 0.00	46.91 -1.90 0.00	47.23 -3.07 0.00	49.67 -2.67 0.00	50.64 -2.55 0.00	49.65 -2.02 0.00	54.84 -1.29 0.00	56.13 -0.45 0.00	60.93 0.12 0.00	62.84 0.37 0.00	64.85 0.19 0.00	72.00 0.29 0.00	86.14 1.36 0.00	82.19 1.77 0.00	80.56 0.96 0.00	72.00 0.00 0.00	63.73 0.19 0.00	55.74 -0.34 0.00	51.25 -0.21 0.00
HUNTLEY___66 23560	51.06 -0.21 0.00	44.75 -1.62 0.00	42.45 -1.77 0.00	40.63 -2.00 0.00	41.35 -1.81 0.00	43.98 -2.07 0.00	46.91 -1.90 0.00	47.23 -3.07 0.00	49.67 -2.67 0.00	50.64 -2.55 0.00	49.65 -2.02 0.00	54.84 -1.29 0.00	56.13 -0.45 0.00	60.93 0.12 0.00	62.84 0.37 0.00	64.85 0.19 0.00	72.00 0.29 0.00	86.14 1.36 0.00	82.19 1.77 0.00	80.56 0.96 0.00	72.00 0.00 0.00	63.73 0.19 0.00	55.74 -0.34 0.00	51.25 -0.21 0.00
HUNTLEY___67 23561	50.75 -0.51 0.00	44.56 -1.81 0.00	42.27 -1.95 0.00	40.37 -2.26 0.00	41.09 -2.07 0.00	43.71 -2.35 0.00	46.81 -2.00 0.00	47.13 -3.17 0.00	49.57 -2.77 0.00	50.48 -2.71 0.00	49.55 -2.12 0.00	54.61 -1.52 0.00	55.90 -0.68 0.00	60.56 -0.24 0.00	62.47 0.00 0.00	64.66 0.00 0.00	72.00 0.29 0.00	86.14 1.36 0.00	82.19 1.77 0.00	80.64 1.03 0.00	72.07 0.07 0.00	63.66 0.13 0.00	55.46 -0.62 0.00	50.99 -0.46 0.00
HUNTLEY___68 23562	50.75 -0.51 0.00	44.56 -1.81 0.00	42.27 -1.95 0.00	40.37 -2.26 0.00	41.09 -2.07 0.00	43.71 -2.35 0.00	46.81 -2.00 0.00	47.13 -3.17 0.00	49.57 -2.77 0.00	50.48 -2.71 0.00	49.55 -2.12 0.00	54.61 -1.52 0.00	55.90 -0.68 0.00	60.56 -0.24 0.00	62.47 0.00 0.00	64.66 0.00 0.00	72.00 0.29 0.00	86.14 1.36 0.00	82.19 1.77 0.00	80.64 1.03 0.00	72.07 0.07 0.00	63.66 0.13 0.00	55.46 -0.62 0.00	50.99 -0.46 0.00

HYLAND___LFGE 323620	54.39 3.13 0.00	48.04 1.67 0.00	45.50 1.28 0.00	43.57 0.94 0.00	44.20 1.03 0.00	47.25 1.20 0.00	50.48 1.66 0.00	50.75 0.45 0.00	52.08 -0.26 0.00	52.45 -0.74 0.00	50.79 -0.88 0.00	56.18 0.06 0.00	57.37 0.79 0.00	61.90 1.10 0.00	63.78 1.31 0.00	66.53 1.88 0.00	74.59 2.87 0.00	90.96 6.19 0.00	87.97 7.56 0.00	87.96 8.36 0.00	79.20 7.20 0.00	69.95 6.41 0.00	60.51 4.43 0.00	55.47 4.02 0.00
INDECK___CORINTH 23802	54.95 3.69 0.00	49.62 3.24 0.00	47.23 3.01 0.00	45.49 2.86 0.00	46.14 2.98 0.00	49.33 3.27 0.00	52.28 3.47 0.00	53.72 3.42 0.00	55.85 3.51 0.00	56.54 3.35 0.00	54.25 2.58 0.00	58.88 2.86 0.10	59.24 2.66 0.00	63.14 2.49 0.16	64.46 2.62 0.63	68.21 3.55 0.00	75.73 4.01 0.00	90.37 5.59 0.00	86.93 6.51 0.00	85.41 5.81 0.00	77.47 5.47 0.00	68.50 4.96 0.00	59.84 3.76 0.00	55.00 3.55 0.00
INDECK___ILION 23567	51.98 0.72 0.00	46.97 0.60 0.00	44.79 0.57 0.00	43.18 0.55 0.00	43.72 0.56 0.00	46.70 0.64 0.00	49.55 0.73 0.00	51.00 0.70 0.00	53.02 0.68 0.00	53.88 0.69 0.00	52.34 0.67 0.00	56.86 0.73 0.00	57.26 0.68 0.00	61.60 0.79 0.00	63.22 0.75 0.00	65.56 0.91 0.00	72.79 1.08 0.00	86.30 1.53 0.00	82.03 1.61 0.00	80.96 1.35 0.00	73.23 1.22 0.00	64.55 1.02 0.00	56.81 0.73 0.00	52.12 0.67 0.00
INDECK___OLEAN 23982	51.62 0.36 0.00	45.39 -0.98 0.00	43.07 -1.15 0.00	41.10 -1.53 0.00	41.78 -1.38 0.00	44.68 -1.38 0.00	47.79 -1.03 0.00	47.63 -2.67 0.00	50.04 -2.30 0.00	50.85 -2.34 0.00	49.86 -1.81 0.00	55.06 -1.07 0.00	56.30 -0.28 0.00	60.99 0.18 0.00	62.91 0.44 0.00	65.30 0.65 0.00	72.93 1.22 0.00	87.49 2.71 0.00	83.15 2.74 0.00	81.67 2.07 0.00	73.01 1.01 0.00	64.24 0.70 0.00	55.29 -0.79 0.00	51.97 0.51 0.00
INDECK___OSWEGO 23783	49.98 -1.28 0.00	45.07 -1.30 0.00	42.94 -1.28 0.00	41.35 -1.28 0.00	41.87 -1.29 0.00	44.68 -1.38 0.00	47.45 -1.37 0.00	48.79 -1.51 0.00	50.62 -1.73 0.00	51.54 -1.65 0.00	49.81 -1.86 0.00	54.28 -1.85 0.00	54.60 -1.98 0.00	58.74 -2.07 0.00	60.34 -2.12 0.00	62.65 -2.00 0.00	69.63 -2.08 0.00	82.91 -1.87 0.00	78.65 -1.77 0.00	77.93 -1.68 0.00	70.42 -1.58 0.00	62.27 -1.27 0.00	54.68 -1.40 0.00	50.17 -1.28 0.00
INDECK___YERKES 23781	51.11 -0.15 0.00	44.79 -1.58 0.00	42.49 -1.73 0.00	40.80 -1.83 0.00	41.39 -1.77 0.00	43.94 -2.12 0.00	46.91 -1.90 0.00	47.28 -3.02 0.00	49.73 -2.62 0.00	50.69 -2.50 0.00	49.81 -1.86 0.00	55.06 -1.07 0.00	56.41 -0.17 0.00	60.99 0.18 0.00	62.91 0.44 0.00	64.85 0.19 0.00	72.00 0.29 0.00	86.31 1.53 0.00	82.18 1.77 0.00	80.56 0.96 0.00	72.07 0.07 0.00	63.66 0.13 0.00	55.69 -0.39 0.00	51.86 0.41 0.00
INDIAN POINT_GT_1 24139	54.23 2.97 0.00	49.29 2.92 0.00	46.83 2.61 0.00	45.10 2.47 0.00	45.58 2.42 0.00	48.73 2.67 0.00	51.60 2.78 0.00	53.11 2.82 0.00	55.17 2.83 0.00	56.01 2.82 0.00	54.72 3.05 0.00	59.28 3.03 -0.12	59.69 3.11 0.00	64.39 3.41 -0.18	66.88 3.69 -0.72	68.92 4.27 0.00	76.52 4.80 0.00	90.88 6.10 0.00	86.21 5.79 0.00	83.90 4.30 0.00	75.60 3.60 0.00	66.33 2.80 0.00	58.43 2.36 0.00	54.13 2.68 0.00
INDIAN POINT_GT_2 23659	54.23 2.97 0.00	49.29 2.92 0.00	46.83 2.61 0.00	45.10 2.47 0.00	45.58 2.42 0.00	48.73 2.67 0.00	51.60 2.78 0.00	53.11 2.82 0.00	55.17 2.83 0.00	56.01 2.82 0.00	54.72 3.05 0.00	59.28 3.03 -0.12	59.69 3.11 0.00	64.39 3.41 -0.18	66.88 3.69 -0.72	68.92 4.27 0.00	76.52 4.80 0.00	90.88 6.10 0.00	86.21 5.79 0.00	83.90 4.30 0.00	75.60 3.60 0.00	66.33 2.80 0.00	58.43 2.36 0.00	54.13 2.68 0.00
INDIAN POINT_GT_3 24019	54.23 2.97 0.00	49.29 2.92 0.00	46.83 2.61 0.00	45.10 2.47 0.00	45.58 2.42 0.00	48.73 2.67 0.00	51.60 2.78 0.00	53.11 2.82 0.00	55.17 2.83 0.00	56.01 2.82 0.00	54.72 3.05 0.00	59.28 3.03 -0.12	59.69 3.11 0.00	64.39 3.41 -0.18	66.88 3.69 -0.72	68.92 4.27 0.00	76.52 4.80 0.00	90.88 6.10 0.00	86.21 5.79 0.00	83.90 4.30 0.00	75.60 3.60 0.00	66.33 2.80 0.00	58.43 2.36 0.00	54.13 2.68 0.00
INDIAN POINT___2 23530	54.13 2.87 0.00	49.25 2.88 0.00	46.78 2.56 0.00	45.02 2.39 0.00	45.49 2.33 0.00	48.68 2.62 0.00	51.60 2.78 0.00	53.01 2.71 0.00	55.06 2.72 0.00	55.95 2.76 0.00	54.66 3.00 0.00	59.21 2.97 -0.12	59.63 3.05 0.00	64.32 3.34 -0.18	66.73 3.56 -0.70	69.11 4.46 0.00	76.37 4.66 0.00	90.96 6.19 0.00	86.04 5.63 0.00	83.66 4.06 0.00	75.46 3.46 0.00	66.27 2.73 0.00	58.38 2.30 0.00	53.87 2.42 0.00
INDIAN POINT___3 23531	54.18 2.92 0.00	49.20 2.83 0.00	46.78 2.56 0.00	45.02 2.39 0.00	45.49 2.33 0.00	48.64 2.58 0.00	51.50 2.68 0.00	53.01 2.72 0.00	55.06 2.72 0.00	55.90 2.71 0.00	54.61 2.95 0.00	59.16 2.92 -0.12	59.58 3.00 0.00	64.27 3.28 -0.18	66.69 3.50 -0.73	68.73 4.07 0.00	76.31 4.59 0.00	90.71 5.93 0.00	85.97 5.55 0.00	83.66 4.06 0.00	75.46 3.46 0.00	66.14 2.60 0.00	58.32 2.24 0.00	53.97 2.52 0.00
INGHAM_C_115KV_TB7 356103	52.29 1.03 0.00	47.25 0.88 0.00	45.02 0.80 0.00	43.40 0.77 0.00	43.94 0.78 0.00	46.93 0.88 0.00	49.84 1.03 0.00	51.30 1.01 0.00	53.34 0.99 0.00	54.20 1.01 0.00	52.65 0.98 0.00	57.19 1.07 0.00	57.60 1.02 0.00	61.96 1.16 0.00	63.59 1.12 0.00	65.95 1.29 0.00	73.08 1.36 0.00	86.81 2.03 0.00	82.51 2.09 0.00	81.51 1.91 0.00	73.66 1.66 0.00	64.93 1.40 0.00	57.20 1.12 0.00	52.48 1.03 0.00
IP CORINTH___1 23988	55.00 3.74 0.00	49.62 3.25 0.00	47.23 3.01 0.00	45.53 2.90 0.00	46.14 2.98 0.00	49.33 3.27 0.00	52.28 3.47 0.00	53.71 3.42 0.00	55.85 3.51 0.00	56.54 3.35 0.00	54.25 2.58 0.00	58.88 2.86 0.10	59.24 2.66 0.00	63.14 2.49 0.16	64.46 2.62 0.63	68.08 3.43 0.00	75.66 3.94 0.00	90.29 5.51 0.00	86.93 6.51 0.00	85.41 5.81 0.00	77.47 5.47 0.00	68.49 4.96 0.00	59.84 3.76 0.00	55.05 3.60 0.00
IP___TICONDEROGA 23804	56.28 5.02 0.00	50.64 4.27 0.00	48.16 3.94 0.00	46.38 3.75 0.00	47.05 3.88 0.00	50.43 4.38 0.00	53.40 4.59 0.00	54.82 4.53 0.00	56.89 4.55 0.00	57.39 4.20 0.00	55.03 3.36 0.00	59.89 3.87 0.11	60.26 3.68 0.00	64.05 3.41 0.16	65.32 3.50 0.65	69.18 4.53 0.00	76.95 5.24 0.00	92.15 7.38 0.00	88.94 8.52 0.00	87.64 8.04 0.00	79.49 7.49 0.00	70.65 7.12 0.00	61.41 5.33 0.00	56.39 4.94 0.00
ISLIP_RES_REC 323679	59.71 5.33 -3.12	54.12 5.61 -2.14	52.75 5.08 -3.44	48.49 4.82 -1.04	49.18 4.79 -1.22	51.57 5.25 -0.26	54.39 5.56 -0.01	55.75 5.43 -0.02	58.36 5.18 -0.84	62.61 4.95 -4.47	67.78 5.12 -10.99	193.47 5.61 -131.73	222.33 5.55 -160.20	246.51 6.02 -179.68	246.07 6.25 -177.36	257.62 7.24 -185.72	280.93 7.60 -201.61	308.27 9.83 -213.66	291.04 9.00 -201.62	300.23 7.24 -213.38	241.05 6.41 -162.65	278.51 5.46 -209.51	65.68 4.88 -4.72	55.54 4.53 0.44

JAMAICA__27_KV_LOAD 355505	55.26 4.00 0.00	50.31 3.94 0.00	47.67 3.45 0.00	45.78 3.15 0.00	46.23 3.06 0.00	49.47 3.41 0.00	52.53 3.71 0.00	54.17 3.87 0.00	56.27 3.93 0.00	57.18 3.99 0.00	55.70 4.03 0.00	60.29 4.04 -0.12	60.71 4.13 0.00	65.37 4.38 -0.18	67.89 4.69 -0.74	70.15 5.50 0.00	77.88 6.17 0.00	92.41 7.63 0.00	87.57 7.16 0.00	85.02 5.41 0.00	76.68 4.68 0.00	67.09 3.56 0.00	59.78 3.70 0.00	55.26 3.81 0.00
JANIS__SOLAR 323808	54.08 2.82 0.00	48.46 2.09 0.00	46.12 1.90 0.00	44.34 1.71 0.00	44.98 1.81 0.00	48.04 1.98 0.00	51.25 2.44 0.00	52.46 2.16 0.00	54.17 1.83 0.00	54.84 1.65 0.00	53.01 1.34 0.00	57.92 1.80 0.00	58.45 1.86 0.00	62.99 2.19 0.00	64.59 2.13 0.00	67.31 2.65 0.00	75.37 3.66 0.00	90.96 6.19 0.00	87.09 6.67 0.00	86.29 6.69 0.00	77.69 5.69 0.00	68.55 5.02 0.00	59.44 3.36 0.00	54.44 2.98 0.00
JARVIS____ 23743	51.62 0.36 0.00	46.70 0.33 0.00	44.53 0.31 0.00	42.97 0.34 0.00	43.51 0.34 0.00	46.42 0.37 0.00	49.16 0.34 0.00	50.60 0.30 0.00	52.60 0.26 0.00	53.46 0.27 0.00	51.93 0.26 0.00	56.41 0.28 0.00	56.87 0.28 0.00	61.11 0.31 0.00	62.78 0.31 0.00	65.11 0.46 0.00	72.29 0.57 0.00	85.71 0.93 0.00	81.30 0.89 0.00	80.24 0.63 0.00	72.57 0.57 0.00	63.98 0.45 0.00	56.30 0.23 0.00	51.71 0.26 0.00
JENNISON____1 23625	54.44 3.18 0.00	48.83 2.46 0.00	46.48 2.26 0.00	44.72 2.09 0.00	45.36 2.20 0.00	48.50 2.44 0.00	51.74 2.93 0.00	53.01 2.72 0.00	54.96 2.62 0.00	55.90 2.71 0.00	54.25 2.58 0.00	59.27 3.14 0.00	59.75 3.17 0.00	64.45 3.65 0.00	66.03 3.56 0.00	68.60 3.94 0.00	76.66 4.95 0.00	91.98 7.21 0.00	87.82 7.40 0.00	86.61 7.00 0.00	77.91 5.90 0.00	68.75 5.21 0.00	59.67 3.59 0.00	54.59 3.14 0.00
JENNISON____2 23626	54.44 3.18 0.00	48.83 2.46 0.00	46.48 2.26 0.00	44.72 2.09 0.00	45.36 2.20 0.00	48.50 2.44 0.00	51.74 2.93 0.00	53.01 2.72 0.00	54.96 2.62 0.00	55.90 2.71 0.00	54.25 2.58 0.00	59.27 3.14 0.00	59.75 3.17 0.00	64.45 3.65 0.00	66.03 3.56 0.00	68.60 3.94 0.00	76.66 4.95 0.00	91.98 7.21 0.00	87.82 7.40 0.00	86.61 7.00 0.00	77.91 5.90 0.00	68.75 5.21 0.00	59.67 3.59 0.00	54.59 3.14 0.00
JERICOHO_RISE_WT_PWR 323719	50.59 -0.67 0.00	45.95 -0.42 0.00	43.86 -0.36 0.00	42.25 -0.38 0.00	42.82 -0.35 0.00	45.64 -0.42 0.00	48.42 -0.39 0.00	49.89 -0.40 0.00	51.87 -0.47 0.00	52.61 -0.58 0.00	51.25 -0.42 0.00	55.39 -0.73 0.00	55.90 -0.68 0.00	59.90 -0.91 0.00	61.41 -1.06 0.00	62.91 -1.74 0.00	69.78 -1.93 0.00	81.56 -3.22 0.00	77.28 -3.14 0.00	77.53 -2.07 0.00	70.35 -1.65 0.00	62.08 -1.46 0.00	55.35 -0.73 0.00	50.84 -0.62 0.00
KATONAH__115KV_46KV_TB4 355592	54.54 3.28 0.00	49.52 3.15 0.00	47.05 2.83 0.00	45.32 2.69 0.00	45.80 2.63 0.00	48.96 2.90 0.00	51.89 3.08 0.00	53.36 3.07 0.00	55.43 3.09 0.00	56.33 3.14 0.00	55.03 3.36 0.00	59.67 3.42 -0.12	60.09 3.51 0.00	64.82 3.83 -0.19	67.33 4.12 -0.74	69.38 4.72 0.00	77.02 5.31 0.00	91.65 6.87 0.00	86.85 6.43 0.00	84.62 5.01 0.00	76.25 4.25 0.00	66.84 3.30 0.00	58.88 2.80 0.00	54.49 3.04 0.00
KCE_NY_1 323755	54.39 3.13 0.00	49.15 2.78 0.00	46.83 2.61 0.00	45.10 2.47 0.00	45.71 2.55 0.00	48.87 2.81 0.00	51.69 2.88 0.00	53.11 2.81 0.00	55.17 2.82 0.00	55.85 2.66 0.00	54.00 2.33 0.00	58.48 2.47 0.11	59.01 2.43 0.00	63.01 2.37 0.17	64.30 2.50 0.67	67.95 3.30 0.00	75.44 3.73 0.00	89.95 5.17 0.00	85.89 5.47 0.00	84.30 4.70 0.00	76.39 4.39 0.00	67.41 3.88 0.00	59.05 2.97 0.00	54.33 2.88 0.00
KCE_NY_6_ESR 323823	51.47 0.21 0.00	45.21 -1.16 0.00	42.89 -1.33 0.00	40.97 -1.66 0.00	41.61 -1.55 0.00	44.35 -1.70 0.00	47.40 -1.42 0.00	47.83 -2.46 0.00	50.19 -2.15 0.00	51.17 -2.02 0.00	50.28 -1.39 0.00	55.56 -0.56 0.00	56.87 0.28 0.00	61.54 0.73 0.00	63.47 1.00 0.00	65.75 1.10 0.00	73.29 1.58 0.00	87.92 3.14 0.00	83.64 3.22 0.00	81.99 2.39 0.00	73.37 1.36 0.00	64.62 1.08 0.00	56.08 0.00 0.00	52.23 0.77 0.00
KEDC PORT_JEFF_GT2 24210	59.09 4.71 -3.11	53.61 5.10 -2.14	52.31 4.64 -3.44	48.06 4.39 -1.04	48.75 4.36 -1.22	51.11 4.79 -0.26	53.90 5.08 -0.01	55.19 4.88 -0.02	57.79 4.55 -0.89	62.13 4.20 -4.74	69.27 4.14 -13.47	221.75 4.32 -161.31	255.75 4.30 -194.87	285.45 4.62 -220.02	283.92 4.88 -216.58	297.56 5.88 -227.02	323.74 6.17 -245.86	354.40 8.14 -261.48	334.61 7.39 -246.80	346.56 5.73 -261.22	275.81 4.96 -198.84	324.05 4.07 -256.44	65.52 3.87 -5.58	54.68 3.81 0.58
KEDC PORT_JEFF_GT3 24211	59.09 4.71 -3.11	53.61 5.10 -2.14	52.31 4.64 -3.44	48.06 4.39 -1.04	48.75 4.36 -1.22	51.11 4.79 -0.26	53.90 5.08 -0.01	55.19 4.88 -0.02	57.79 4.55 -0.89	62.13 4.20 -4.74	69.27 4.14 -13.47	221.75 4.32 -161.31	255.75 4.30 -194.87	285.45 4.62 -220.02	283.92 4.88 -216.58	297.56 5.88 -227.02	323.74 6.17 -245.86	354.40 8.14 -261.48	334.61 7.39 -246.80	346.56 5.73 -261.22	275.81 4.96 -198.84	324.05 4.07 -256.44	65.52 3.87 -5.58	54.68 3.81 0.58
KEDC_GLWD_GT4 24219	61.11 4.05 -5.80	52.44 3.94 -2.13	51.24 3.58 -3.44	47.04 3.37 -1.04	47.71 3.32 -1.22	49.96 3.64 -0.26	52.73 3.91 -0.01	54.18 3.87 -0.01	56.21 3.87 0.00	57.02 3.83 0.00	55.85 4.18 0.00	60.24 3.99 -0.13	78.65 4.13 -17.94	65.50 4.50 -0.19	74.43 4.81 -7.15	76.40 5.75 -5.99	92.07 6.02 -14.33	95.27 7.79 -2.70	89.38 7.15 -1.81	86.59 5.42 -1.57	81.52 4.68 -4.84	69.33 3.68 -2.11	63.58 3.25 -4.25	55.06 3.60 -0.01
KEDC_GLWD_GT5 24220	61.11 4.05 -5.80	52.44 3.94 -2.13	51.24 3.58 -3.44	47.04 3.37 -1.04	47.71 3.32 -1.22	49.96 3.64 -0.26	52.73 3.91 -0.01	54.18 3.87 -0.01	56.21 3.87 0.00	57.02 3.83 0.00	55.85 4.18 0.00	60.24 3.99 -0.13	78.65 4.13 -17.94	65.50 4.50 -0.19	74.43 4.81 -7.15	76.40 5.75 -5.99	92.07 6.02 -14.33	95.27 7.79 -2.70	89.38 7.15 -1.81	86.59 5.42 -1.57	81.52 4.68 -4.84	69.33 3.68 -2.11	63.58 3.25 -4.25	55.06 3.60 -0.01
KENSICO____ 23655	54.44 3.18 0.00	49.52 3.15 0.00	47.05 2.83 0.00	45.27 2.64 0.00	45.71 2.55 0.00	48.91 2.86 0.00	51.79 2.98 0.00	53.31 3.02 0.00	55.32 2.98 0.00	56.22 3.03 0.00	54.92 3.26 0.00	59.50 3.26 -0.12	59.92 3.34 0.00	64.64 3.65 -0.18	67.14 3.94 -0.74	69.18 4.53 0.00	76.81 5.09 0.00	91.22 6.44 0.00	86.45 6.03 0.00	84.14 4.54 0.00	75.82 3.82 0.00	66.46 2.92 0.00	58.66 2.58 0.00	54.28 2.83 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	54.34 3.08 0.00	49.29 2.92 0.00	46.87 2.65 0.00	45.10 2.47 0.00	45.58 2.42 0.00	48.77 2.72 0.00	51.65 2.83 0.00	53.21 2.92 0.00	55.22 2.88 0.00	56.01 2.82 0.00	54.56 2.89 0.00	59.12 2.92 -0.07	59.58 3.00 0.00	63.33 3.34 0.82	65.42 3.50 0.55	67.73 4.20 1.12	75.17 4.88 1.42	91.47 6.70 0.00	86.85 6.43 0.00	84.78 5.17 0.00	76.39 4.39 0.00	67.09 3.56 0.00	59.16 3.08 0.00	54.69 3.24 0.00

KIAC_JFK_GT1 23816	54.85 3.59 0.00	49.94 3.57 0.00	47.32 3.10 0.00	45.49 2.86 0.00	45.93 2.76 0.00	49.14 3.09 0.00	52.18 3.37 0.00	53.81 3.52 0.00	55.90 3.56 0.00	56.81 3.62 0.00	55.34 3.67 0.00	59.84 3.59 -0.12	60.26 3.68 0.00	64.88 3.89 -0.18	67.39 4.19 -0.74	69.63 4.98 0.00	77.24 5.52 0.00	91.65 6.87 0.00	86.85 6.43 0.00	84.30 4.70 0.00	76.03 4.03 0.00	66.52 2.99 0.00	59.27 3.20 0.00	54.85 3.40 0.00
KIAC_JFK_GT2 23817	54.85 3.59 0.00	49.94 3.57 0.00	47.32 3.10 0.00	45.49 2.86 0.00	45.93 2.76 0.00	49.14 3.09 0.00	52.18 3.37 0.00	53.81 3.52 0.00	55.90 3.56 0.00	56.81 3.62 0.00	55.34 3.67 0.00	59.84 3.59 -0.12	60.26 3.68 0.00	64.88 3.89 -0.18	67.39 4.19 -0.74	69.63 4.98 0.00	77.24 5.52 0.00	91.65 6.87 0.00	86.85 6.43 0.00	84.30 4.70 0.00	76.03 4.03 0.00	66.52 2.99 0.00	59.27 3.20 0.00	54.85 3.40 0.00
KIAC_JFK____ 323774	54.79 3.53 0.00	49.94 3.57 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.93 2.76 0.00	49.14 3.09 0.00	52.23 3.42 0.00	53.81 3.52 0.00	55.90 3.56 0.00	56.81 3.62 0.00	55.34 3.67 0.00	59.79 3.54 -0.12	60.21 3.62 0.00	64.89 3.89 -0.18	67.39 4.19 -0.74	69.96 5.30 0.00	77.24 5.52 0.00	91.81 7.03 0.00	86.85 6.44 0.00	84.30 4.70 0.00	76.03 4.03 0.00	66.59 3.05 0.00	59.39 3.31 0.00	54.70 3.24 0.00
KINTIGH__24_KV_GSU 356498	50.54 -0.72 0.00	44.56 -1.81 0.00	42.32 -1.90 0.00	40.58 -2.05 0.00	41.13 -2.03 0.00	43.80 -2.26 0.00	46.81 -2.00 0.00	47.48 -2.82 0.00	49.78 -2.56 0.00	50.74 -2.45 0.00	49.71 -1.96 0.00	54.84 -1.29 0.00	55.90 -0.68 0.00	60.26 -0.55 0.00	62.10 -0.37 0.00	64.40 -0.26 0.00	71.64 -0.07 0.00	85.88 1.10 0.00	81.63 1.21 0.00	80.24 0.63 0.00	71.86 -0.14 0.00	63.47 -0.06 0.00	55.35 -0.73 0.00	51.25 -0.20 0.00
KINTIGH____ 23543	50.54 -0.72 0.00	44.56 -1.81 0.00	42.32 -1.90 0.00	40.46 -2.17 0.00	41.13 -2.03 0.00	43.80 -2.26 0.00	46.86 -1.95 0.00	47.43 -2.87 0.00	49.78 -2.56 0.00	50.74 -2.45 0.00	49.65 -2.02 0.00	54.67 -1.46 0.00	55.73 -0.85 0.00	60.26 -0.55 0.00	62.09 -0.37 0.00	64.40 -0.26 0.00	71.64 -0.07 0.00	85.71 0.93 0.00	81.62 1.21 0.00	80.24 0.64 0.00	71.86 -0.14 0.00	63.47 -0.06 0.00	55.41 -0.67 0.00	50.84 -0.62 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	50.70 -0.56 0.00	46.32 -0.05 0.00	44.22 0.00 0.00	42.59 -0.04 0.00	43.16 0.00 0.00	46.01 -0.05 0.00	48.82 0.00 0.00	49.99 -0.30 0.00	51.82 -0.52 0.00	52.55 -0.64 0.00	51.41 -0.26 0.00	55.28 -0.84 0.00	55.96 -0.62 0.00	59.71 -1.09 0.00	61.16 -1.31 0.00	62.91 -1.75 0.00	69.64 -2.08 0.00	82.15 -2.63 0.00	77.44 -2.98 0.00	77.61 -1.99 0.00	70.56 -1.44 0.00	62.14 -1.40 0.00	55.52 -0.56 0.00	50.94 -0.51 0.00
LACHUTE____HYDRO 323717	56.23 4.97 0.00	50.63 4.26 0.00	48.15 3.93 0.00	46.34 3.71 0.00	47.05 3.89 0.00	50.43 4.38 0.00	53.40 4.59 0.00	54.82 4.53 0.00	56.89 4.55 0.00	57.39 4.20 0.00	55.03 3.36 0.00	59.89 3.87 0.11	60.26 3.68 0.00	64.05 3.40 0.16	65.32 3.50 0.65	69.31 4.66 0.00	77.16 5.45 0.00	92.32 7.54 0.00	88.94 8.52 0.00	87.64 8.04 0.00	79.49 7.49 0.00	70.65 7.11 0.00	61.41 5.33 0.00	56.29 4.84 0.00
LAWRNCV_115KV_TB1 80681	51.00 -0.26 0.00	46.37 0.00 0.00	44.26 0.04 0.00	42.63 0.00 0.00	43.29 0.13 0.00	46.15 0.09 0.00	49.06 0.24 0.00	50.80 0.50 0.00	52.92 0.58 0.00	53.62 0.43 0.00	51.98 0.31 0.00	56.13 0.00 0.00	56.69 0.11 0.00	60.87 0.06 0.00	62.03 -0.44 0.00	63.36 -1.29 0.00	69.92 -1.79 0.00	82.15 -2.63 0.00	77.68 -2.73 0.00	78.09 -1.51 0.00	71.21 -0.79 0.00	63.15 -0.38 0.00	56.58 0.50 0.00	51.76 0.31 0.00
LEDERLE____ 23769	54.34 3.08 0.00	49.34 2.97 0.00	46.92 2.70 0.00	45.14 2.52 0.00	45.62 2.46 0.00	48.77 2.72 0.00	51.70 2.88 0.00	53.21 2.92 0.00	55.27 2.93 0.00	56.17 2.98 0.00	54.87 3.20 0.00	59.49 3.26 -0.11	59.92 3.34 0.00	64.63 3.65 -0.17	67.03 3.87 -0.69	69.18 4.53 0.00	76.81 5.09 0.00	91.31 6.53 0.00	86.53 6.11 0.00	84.22 4.62 0.00	75.89 3.89 0.00	66.59 3.05 0.00	58.60 2.52 0.00	54.23 2.78 0.00
LIGHTHSE_115KV_TB6 355974	51.47 0.21 0.00	46.32 -0.05 0.00	44.13 -0.09 0.00	42.46 -0.17 0.00	43.08 -0.09 0.00	45.96 -0.09 0.00	48.96 0.15 0.00	50.29 0.00 0.00	52.18 -0.16 0.00	52.98 -0.21 0.00	50.95 -0.72 0.00	55.51 -0.62 0.00	55.90 -0.68 0.00	60.14 -0.67 0.00	61.66 -0.81 0.00	63.94 -0.71 0.00	71.14 -0.57 0.00	84.78 0.00 0.00	80.82 0.40 0.00	80.24 0.64 0.00	72.87 0.86 0.00	64.43 0.89 0.00	56.53 0.45 0.00	51.76 0.31 0.00
LINDEN COGEN____ 23786	54.38 3.13 0.01	49.62 3.24 0.00	47.05 2.83 0.00	45.27 2.64 0.00	45.70 2.55 0.01	48.86 2.81 0.01	51.89 3.08 0.00	53.36 3.07 0.00	54.73 3.03 0.65	54.68 3.03 1.54	55.07 3.41 0.01	55.77 3.20 3.55	56.55 3.28 3.31	58.48 3.53 5.85	63.80 3.81 2.48	66.77 4.78 2.67	72.20 4.88 4.40	84.70 6.27 6.35	76.45 5.63 9.60	65.26 3.90 18.24	61.29 3.31 14.02	56.74 2.61 9.40	58.71 2.64 0.01	54.23 2.78 0.00
LINDHRST_69_KV_BK1 356055	59.57 5.07 -3.23	53.60 5.10 -2.13	52.31 4.64 -3.44	48.06 4.39 -1.04	48.75 4.36 -1.22	51.11 4.79 -0.26	53.79 4.98 0.00	55.27 4.98 0.00	57.09 4.55 -0.19	58.99 4.73 -1.06	57.47 4.81 -0.99	73.35 5.22 -12.00	84.91 5.21 -23.13	82.79 5.59 -16.39	88.19 5.93 -19.78	91.04 6.72 -19.66	104.44 7.60 -25.12	114.95 9.58 -20.59	108.50 9.01 -19.08	106.95 7.32 -20.02	95.36 6.34 -17.02	88.62 5.15 -19.94	62.60 4.43 -2.09	55.85 4.53 0.13
LIPA_MISC_IPP 23656	58.98 4.82 -2.91	53.61 5.10 -2.14	52.31 4.64 -3.44	48.06 4.39 -1.04	48.75 4.36 -1.22	51.11 4.79 -0.26	53.75 4.93 0.00	55.23 4.93 -0.01	57.55 4.40 -0.81	62.03 4.52 -4.32	67.52 4.50 -11.36	197.14 4.94 -136.08	226.28 4.81 -164.89	251.41 4.99 -185.62	250.83 5.37 -182.99	262.40 6.08 -191.67	286.33 6.81 -207.80	314.08 8.65 -220.65	296.78 8.12 -208.24	306.69 6.69 -220.40	245.63 5.76 -167.87	284.62 4.70 -216.38	65.07 4.09 -4.89	55.22 4.17 0.40
LISF__SOLAR 323691	59.13 4.92 -2.94	53.75 5.24 -2.14	52.44 4.78 -3.44	48.19 4.52 -1.04	48.88 4.49 -1.22	51.25 4.93 -0.26	54.05 5.23 -0.01	55.34 5.03 -0.02	57.92 4.76 -0.82	62.03 4.47 -4.37	67.84 4.65 -11.52	199.23 5.05 -138.05	228.77 4.92 -167.27	254.34 5.23 -188.30	253.64 5.56 -185.62	265.75 6.66 -194.44	289.54 7.03 -210.79	317.85 9.24 -223.83	300.18 8.52 -211.25	310.19 7.01 -223.58	248.41 6.12 -170.29	288.00 4.96 -219.50	65.51 4.49 -4.94	55.25 4.22 0.42
LITTLE FALLS__HYD 24013	52.29 1.03 0.00	47.25 0.88 0.00	45.02 0.80 0.00	43.40 0.77 0.00	43.94 0.78 0.00	46.93 0.88 0.00	49.84 1.03 0.00	51.30 1.01 0.00	53.34 0.99 0.00	54.20 1.01 0.00	52.65 0.98 0.00	57.19 1.07 0.00	57.60 1.02 0.00	61.96 1.16 0.00	63.59 1.12 0.00	65.95 1.29 0.00	73.08 1.36 0.00	86.81 2.03 0.00	82.51 2.09 0.00	81.51 1.91 0.00	73.66 1.66 0.00	64.93 1.40 0.00	57.20 1.12 0.00	52.48 1.03 0.00

LITTLRIV_115KV_TB1 356100	51.62 0.36 0.00	46.93 0.56 0.00	44.79 0.57 0.00	43.10 0.47 0.00	43.81 0.65 0.00	46.75 0.69 0.00	49.74 0.93 0.00	51.45 1.16 0.00	53.44 1.10 0.00	54.09 0.90 0.00	52.39 0.72 0.00	56.57 0.45 0.00	57.09 0.51 0.00	61.29 0.49 0.00	62.47 0.00 0.00	63.75 -0.91 0.00	70.42 -1.29 0.00	83.00 -1.78 0.00	78.65 -1.77 0.00	79.36 -0.24 0.00	72.43 0.43 0.00	64.24 0.70 0.00	57.42 1.35 0.00	52.48 1.03 0.00
LI_NEWBRDGE___DRP 323616	55.41 3.90 -0.25	52.35 3.85 -2.13	51.20 3.54 -3.44	47.00 3.33 -1.04	47.67 3.28 -1.22	49.91 3.59 -0.26	52.57 3.76 0.00	54.07 3.77 0.00	55.80 3.45 0.00	56.70 3.51 0.00	55.34 3.67 0.00	60.06 3.82 -0.12	61.39 3.85 -0.96	65.13 4.13 -0.18	67.99 4.44 -1.09	70.03 5.04 -0.33	78.08 5.59 -0.77	92.05 7.12 -0.15	87.20 6.67 -0.10	84.87 5.17 -0.09	76.73 4.46 -0.27	67.21 3.56 -0.12	59.39 3.14 -0.17	54.89 3.45 0.01
LOCKPORT_115KV_TB60_63_64 80432	50.80 -0.46 0.00	44.56 -1.81 0.00	42.23 -1.99 0.00	39.99 -2.64 0.00	40.70 -2.46 0.00	43.34 -2.72 0.00	46.57 -2.25 0.00	46.77 -3.52 0.00	48.99 -3.35 0.00	49.95 -3.24 0.00	48.98 -2.69 0.00	54.05 -2.08 0.00	55.45 -1.13 0.00	60.14 -0.67 0.00	61.97 -0.50 0.00	64.20 -0.45 0.00	71.43 -0.29 0.00	85.54 0.76 0.00	81.62 1.21 0.00	80.08 0.48 0.00	71.64 -0.36 0.00	63.28 -0.25 0.00	55.18 -0.90 0.00	50.73 -0.72 0.00
LOCKPORT___CC1 323769	50.59 -0.67 0.00	44.38 -1.99 0.00	42.10 -2.12 0.00	40.07 -2.56 0.00	40.66 -2.50 0.00	43.52 -2.53 0.00	46.42 -2.39 0.00	46.67 -3.62 0.00	48.89 -3.46 0.00	49.89 -3.30 0.00	48.98 -2.69 0.00	54.11 -2.02 0.00	55.50 -1.08 0.00	59.95 -0.85 0.00	61.84 -0.62 0.00	64.07 -0.58 0.00	71.29 -0.43 0.00	85.54 0.76 0.00	81.39 0.97 0.00	79.92 0.32 0.00	71.42 -0.58 0.00	63.09 -0.44 0.00	54.96 -1.12 0.00	51.35 -0.10 0.00
LOCKPORT___CC2 323770	50.59 -0.67 0.00	44.38 -1.99 0.00	42.10 -2.12 0.00	40.07 -2.56 0.00	40.66 -2.50 0.00	43.52 -2.53 0.00	46.42 -2.39 0.00	46.67 -3.62 0.00	48.89 -3.46 0.00	49.89 -3.30 0.00	48.98 -2.69 0.00	54.11 -2.02 0.00	55.50 -1.08 0.00	59.95 -0.85 0.00	61.84 -0.62 0.00	64.07 -0.58 0.00	71.29 -0.43 0.00	85.54 0.76 0.00	81.39 0.97 0.00	79.92 0.32 0.00	71.42 -0.58 0.00	63.09 -0.44 0.00	54.96 -1.12 0.00	51.35 -0.10 0.00
LOCKPORT___CC3 323771	50.59 -0.67 0.00	44.38 -1.99 0.00	42.10 -2.12 0.00	40.07 -2.56 0.00	40.66 -2.50 0.00	43.52 -2.53 0.00	46.42 -2.39 0.00	46.67 -3.62 0.00	48.89 -3.46 0.00	49.89 -3.30 0.00	48.98 -2.69 0.00	54.11 -2.02 0.00	55.50 -1.08 0.00	59.95 -0.85 0.00	61.84 -0.62 0.00	64.07 -0.58 0.00	71.29 -0.43 0.00	85.54 0.76 0.00	81.39 0.97 0.00	79.92 0.32 0.00	71.42 -0.58 0.00	63.09 -0.44 0.00	54.96 -1.12 0.00	51.35 -0.10 0.00
LOCUSVLY_69_KV_BK2 55797	60.39 4.36 -4.77	52.77 4.27 -2.13	51.56 3.89 -3.44	47.34 3.67 -1.04	47.97 3.58 -1.22	50.28 3.96 -0.26	52.92 4.10 0.00	54.42 4.12 0.00	56.37 4.03 0.00	57.29 4.10 0.00	56.01 4.34 0.00	60.79 4.55 -0.12	75.96 4.64 -14.74	66.10 5.11 -0.18	73.91 5.43 -6.01	75.72 6.14 -4.93	90.38 6.88 -11.78	95.56 8.56 -2.22	89.95 8.04 -1.49	87.26 6.37 -1.29	81.38 5.40 -3.98	69.59 4.32 -1.74	63.17 3.59 -3.50	55.37 3.91 -0.01
LONG_LAKE_PHOENIX 24014	50.65 -0.62 0.00	45.54 -0.83 0.00	43.38 -0.84 0.00	41.78 -0.85 0.00	42.30 -0.86 0.00	45.14 -0.92 0.00	47.99 -0.83 0.00	49.29 -1.01 0.00	51.19 -1.15 0.00	52.13 -1.06 0.00	50.48 -1.19 0.00	55.06 -1.07 0.00	55.45 -1.13 0.00	59.71 -1.09 0.00	61.34 -1.12 0.00	63.69 -0.97 0.00	70.85 -0.86 0.00	84.35 -0.42 0.00	80.10 -0.32 0.00	79.20 -0.40 0.00	71.42 -0.58 0.00	63.15 -0.38 0.00	55.41 -0.67 0.00	50.78 -0.67 0.00
LOVETT___3 23632	54.08 2.82 0.00	49.15 2.78 0.00	46.70 2.48 0.00	44.97 2.34 0.00	45.41 2.24 0.00	48.59 2.53 0.00	51.45 2.64 0.00	52.91 2.62 0.00	54.96 2.62 0.00	55.85 2.66 0.00	54.56 2.89 0.00	59.10 2.86 -0.12	59.52 2.94 0.00	64.14 3.16 -0.17	66.60 3.44 -0.70	68.66 4.01 0.00	76.23 4.52 0.00	90.54 5.76 0.00	85.89 5.47 0.00	83.58 3.98 0.00	75.31 3.31 0.00	66.08 2.54 0.00	58.21 2.13 0.00	53.87 2.42 0.00
LOVETT___4 23642	54.08 2.82 0.00	49.15 2.78 0.00	46.70 2.48 0.00	44.97 2.34 0.00	45.41 2.24 0.00	48.59 2.53 0.00	51.45 2.64 0.00	52.91 2.62 0.00	54.96 2.62 0.00	55.85 2.66 0.00	54.56 2.89 0.00	59.10 2.86 -0.12	59.52 2.94 0.00	64.14 3.16 -0.17	66.60 3.44 -0.70	68.66 4.01 0.00	76.23 4.52 0.00	90.54 5.76 0.00	85.89 5.47 0.00	83.58 3.98 0.00	75.31 3.31 0.00	66.08 2.54 0.00	58.21 2.13 0.00	53.87 2.42 0.00
LOVETT___5 23593	54.08 2.82 0.00	49.15 2.78 0.00	46.70 2.48 0.00	44.97 2.34 0.00	45.41 2.24 0.00	48.59 2.53 0.00	51.45 2.64 0.00	52.91 2.62 0.00	54.96 2.62 0.00	55.85 2.66 0.00	54.56 2.89 0.00	59.10 2.86 -0.12	59.52 2.94 0.00	64.14 3.16 -0.17	66.60 3.44 -0.70	68.66 4.01 0.00	76.23 4.52 0.00	90.54 5.76 0.00	85.89 5.47 0.00	83.58 3.98 0.00	75.31 3.31 0.00	66.08 2.54 0.00	58.21 2.13 0.00	53.87 2.42 0.00
LOWER RAQUET___HYD 24057	51.11 -0.15 0.00	46.37 0.00 0.00	44.26 0.04 0.00	42.63 0.00 0.00	43.34 0.17 0.00	46.20 0.14 0.00	49.16 0.34 0.00	50.90 0.61 0.00	52.97 0.63 0.00	53.67 0.48 0.00	51.93 0.26 0.00	56.13 0.00 0.00	56.64 0.06 0.00	60.87 0.06 0.00	61.97 -0.50 0.00	62.97 -1.68 0.00	69.71 -2.01 0.00	80.71 -4.07 0.00	77.44 -2.97 0.00	77.93 -1.68 0.00	71.14 -0.86 0.00	63.09 -0.44 0.00	56.64 0.56 0.00	51.92 0.46 0.00
LOWER___HUDSON 24059	53.41 2.15 0.00	48.36 1.99 0.00	46.08 1.86 0.00	44.42 1.79 0.00	44.98 1.81 0.00	48.08 2.02 0.00	50.82 2.00 0.00	52.25 1.96 0.00	54.28 1.94 0.00	55.00 1.81 0.00	53.32 1.65 0.00	57.61 1.63 0.14	58.22 1.64 0.00	62.23 1.64 0.22	63.29 1.69 0.87	67.11 2.46 0.00	74.37 2.66 0.00	88.60 3.82 0.00	84.44 4.02 0.00	82.55 2.95 0.00	74.81 2.81 0.00	65.76 2.22 0.00	57.71 1.63 0.00	53.20 1.75 0.00
LOWVILLE_115KV_TB2 356335	53.11 1.85 0.00	47.90 1.53 0.00	45.63 1.42 0.00	43.91 1.28 0.00	44.54 1.38 0.00	47.62 1.57 0.00	50.82 2.00 0.00	52.31 2.01 0.00	54.17 1.83 0.00	54.89 1.70 0.00	52.34 0.67 0.00	56.97 0.84 0.00	57.26 0.68 0.00	61.60 0.79 0.00	62.91 0.44 0.00	65.04 0.39 0.00	72.50 0.79 0.00	86.64 1.87 0.00	82.67 2.25 0.00	82.39 2.79 0.00	75.53 3.53 0.00	66.90 3.37 0.00	58.60 2.52 0.00	53.51 2.06 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	54.39 3.13 0.00	49.11 2.74 0.00	46.78 2.56 0.00	45.10 2.47 0.00	45.67 2.50 0.00	48.82 2.76 0.00	51.65 2.83 0.00	53.06 2.77 0.00	55.17 2.83 0.00	55.85 2.66 0.00	53.94 2.27 0.00	58.48 2.47 0.11	58.96 2.38 0.00	63.01 2.37 0.17	64.24 2.44 0.67	67.76 3.10 0.00	75.30 3.59 0.00	89.70 4.92 0.00	85.81 5.39 0.00	84.22 4.62 0.00	76.32 4.32 0.00	67.35 3.81 0.00	58.99 2.92 0.00	54.33 2.88 0.00

LUTHERNY_35_KV_BK2 355980	54.39 3.13 0.00	49.15 2.78 0.00	46.83 2.61 0.00	45.14 2.52 0.00	45.71 2.55 0.00	48.87 2.81 0.00	51.70 2.88 0.00	53.11 2.82 0.00	55.17 2.83 0.00	55.85 2.66 0.00	53.99 2.33 0.00	58.54 2.53 0.11	59.01 2.43 0.00	63.01 2.37 0.17	64.30 2.50 0.67	67.82 3.17 0.00	75.37 3.66 0.00	89.78 5.00 0.00	85.89 5.47 0.00	84.30 4.70 0.00	76.39 4.39 0.00	67.41 3.88 0.00	58.99 2.92 0.00	54.39 2.93 0.00
LWR___OSWEGATCHIE_HYD 23850	52.03 0.77 0.00	47.07 0.70 0.00	44.88 0.66 0.00	43.18 0.55 0.00	43.90 0.73 0.00	46.84 0.78 0.00	49.94 1.12 0.00	51.55 1.26 0.00	53.55 1.20 0.00	54.20 1.01 0.00	51.93 0.26 0.00	56.29 0.17 0.00	56.69 0.11 0.00	60.93 0.12 0.00	62.09 -0.37 0.00	63.69 -0.97 0.00	70.64 -1.08 0.00	83.85 -0.93 0.00	79.69 -0.72 0.00	79.84 0.24 0.00	73.30 1.30 0.00	65.00 1.46 0.00	57.59 1.51 0.00	52.64 1.18 0.00
LYONS_FALL_HYD 23570	53.00 1.74 0.00	47.81 1.44 0.00	45.50 1.28 0.00	43.82 1.19 0.00	44.46 1.29 0.00	47.49 1.43 0.00	50.62 1.81 0.00	52.10 1.81 0.00	54.07 1.72 0.00	54.84 1.65 0.00	52.65 0.98 0.00	57.31 1.18 0.00	57.60 1.02 0.00	61.96 1.15 0.00	63.41 0.94 0.00	65.69 1.03 0.00	73.15 1.43 0.00	87.24 2.46 0.00	83.23 2.81 0.00	82.63 3.02 0.00	75.31 3.31 0.00	66.65 3.11 0.00	58.32 2.25 0.00	53.36 1.90 0.00
MADISON___COUNTY_LFGE 323628	53.11 1.85 0.00	47.81 1.44 0.00	45.55 1.33 0.00	43.82 1.19 0.00	44.41 1.25 0.00	47.44 1.38 0.00	50.52 1.71 0.00	51.95 1.66 0.00	53.96 1.62 0.00	54.84 1.65 0.00	53.12 1.45 0.00	57.92 1.80 0.00	58.34 1.75 0.00	62.75 1.95 0.00	64.34 1.87 0.00	66.72 2.07 0.00	74.37 2.65 0.00	88.85 4.07 0.00	84.60 4.18 0.00	83.66 4.06 0.00	75.53 3.53 0.00	66.71 3.18 0.00	58.27 2.19 0.00	53.36 1.90 0.00
MALONE___115KV_TB1 356076	51.16 -0.10 0.00	46.56 0.19 0.00	44.49 0.27 0.00	42.84 0.21 0.00	43.42 0.26 0.00	46.29 0.23 0.00	49.16 0.34 0.00	50.75 0.45 0.00	52.81 0.47 0.00	53.56 0.37 0.00	52.13 0.47 0.00	56.24 0.11 0.00	56.92 0.34 0.00	60.99 0.18 0.00	62.41 -0.06 0.00	64.01 -0.65 0.00	70.78 -0.93 0.00	83.51 -1.27 0.00	78.73 -1.69 0.00	79.04 -0.56 0.00	71.93 -0.07 0.00	63.47 -0.06 0.00	56.53 0.45 0.00	51.66 0.21 0.00
MAPLEWOD_115KV_TB3 80458	53.05 1.79 0.00	48.04 1.67 0.00	45.77 1.55 0.00	44.16 1.53 0.00	44.72 1.55 0.00	47.76 1.70 0.00	50.47 1.66 0.00	51.85 1.56 0.00	53.91 1.57 0.00	54.63 1.44 0.00	53.01 1.34 0.00	57.42 1.40 0.11	57.88 1.30 0.00	61.86 1.22 0.16	63.14 1.31 0.64	66.47 1.81 0.00	73.80 2.08 0.00	87.75 2.97 0.00	83.55 3.14 0.00	81.83 2.23 0.00	74.02 2.02 0.00	65.19 1.65 0.00	57.20 1.12 0.00	52.79 1.34 0.00
MAPLE_RIDGE_WT_1 323574	51.16 -0.10 0.00	46.28 -0.09 0.00	44.18 -0.04 0.00	42.59 -0.04 0.00	43.12 -0.04 0.00	46.01 -0.05 0.00	48.77 -0.05 0.00	50.24 -0.05 0.00	52.29 -0.05 0.00	53.14 -0.05 0.00	51.62 -0.05 0.00	56.01 -0.11 0.00	56.47 -0.11 0.00	60.68 -0.12 0.00	62.28 -0.19 0.00	64.40 -0.26 0.00	71.36 -0.36 0.00	84.19 -0.59 0.00	79.94 -0.48 0.00	79.28 -0.32 0.00	71.79 -0.22 0.00	63.35 -0.19 0.00	55.97 -0.11 0.00	51.25 -0.20 0.00
MAPLE_RIDGE_WT_2 323611	51.16 -0.10 0.00	46.28 -0.09 0.00	44.18 -0.04 0.00	42.59 -0.04 0.00	43.12 -0.04 0.00	46.01 -0.05 0.00	48.77 -0.05 0.00	50.24 -0.05 0.00	52.29 -0.05 0.00	53.14 -0.05 0.00	51.62 -0.05 0.00	56.01 -0.11 0.00	56.47 -0.11 0.00	60.68 -0.12 0.00	62.28 -0.19 0.00	64.40 -0.26 0.00	71.36 -0.36 0.00	84.19 -0.59 0.00	79.94 -0.48 0.00	79.28 -0.32 0.00	71.79 -0.22 0.00	63.35 -0.19 0.00	55.97 -0.11 0.00	51.25 -0.20 0.00
MARBLE_RIVER_WT_PWR 323696	50.65 -0.61 0.00	45.95 -0.42 0.00	43.91 -0.31 0.00	42.29 -0.34 0.00	42.86 -0.30 0.00	45.69 -0.37 0.00	48.42 -0.39 0.00	49.84 -0.45 0.00	51.77 -0.57 0.00	52.55 -0.64 0.00	51.15 -0.52 0.00	55.29 -0.84 0.00	55.79 -0.79 0.00	59.77 -1.03 0.00	61.28 -1.19 0.00	62.78 -1.88 0.00	69.63 -2.08 0.00	81.47 -3.31 0.00	77.28 -3.14 0.00	77.37 -2.23 0.00	70.20 -1.80 0.00	61.95 -1.59 0.00	55.29 -0.79 0.00	50.89 -0.56 0.00
MARSHVLE_115KV_TB1 80742	55.11 3.84 0.00	49.62 3.25 0.00	47.27 3.05 0.00	45.57 2.94 0.00	46.27 3.11 0.00	49.51 3.45 0.00	52.33 3.51 0.00	53.31 3.02 0.00	55.01 2.67 0.00	55.64 2.45 0.00	53.79 2.12 0.00	58.19 2.13 0.06	58.62 2.04 0.00	62.71 2.01 0.10	64.20 2.12 0.39	67.50 2.84 0.00	74.87 3.16 0.00	89.70 4.92 0.00	86.05 5.63 0.00	85.65 6.05 0.00	77.83 5.83 0.00	68.81 5.27 0.00	60.28 4.21 0.00	55.26 3.81 0.00
MARSH_HILL_WT_PWR 323713	52.90 1.64 0.00	46.79 0.42 0.00	44.44 0.22 0.00	42.59 -0.04 0.00	43.21 0.04 0.00	46.15 0.09 0.00	49.25 0.44 0.00	49.69 -0.60 0.00	51.61 -0.73 0.00	52.39 -0.80 0.00	51.05 -0.62 0.00	56.41 0.28 0.00	57.60 1.02 0.00	62.33 1.52 0.00	64.16 1.69 0.00	66.66 2.01 0.00	74.51 2.79 0.00	89.69 4.92 0.00	85.49 5.07 0.00	84.46 4.86 0.00	75.74 3.74 0.00	66.77 3.24 0.00	57.76 1.68 0.00	53.30 1.85 0.00
MCINTYRE_115KV_TB2 80467	51.88 0.62 0.00	47.16 0.79 0.00	45.02 0.80 0.00	43.31 0.68 0.00	43.98 0.82 0.00	46.93 0.88 0.00	49.89 1.07 0.00	51.55 1.26 0.00	53.49 1.15 0.00	54.09 0.90 0.00	52.39 0.72 0.00	56.57 0.45 0.00	57.15 0.57 0.00	61.29 0.49 0.00	62.59 0.12 0.00	63.94 -0.71 0.00	70.71 -1.00 0.00	83.42 -1.36 0.00	79.21 -1.21 0.00	80.08 0.48 0.00	73.01 1.01 0.00	64.74 1.21 0.00	57.70 1.63 0.00	52.64 1.18 0.00
MECO_____69_KV_BK1 80468	55.87 4.61 0.00	50.31 3.94 0.00	47.89 3.67 0.00	46.17 3.54 0.00	46.87 3.71 0.00	50.16 4.10 0.00	53.11 4.30 0.00	54.27 3.97 0.00	56.06 3.72 0.00	56.59 3.40 0.00	54.67 3.00 0.00	59.20 3.14 0.07	59.64 3.06 0.00	63.68 2.98 0.11	65.16 3.12 0.43	68.66 4.01 0.00	76.38 4.66 0.00	91.56 6.78 0.00	87.82 7.40 0.00	86.93 7.32 0.00	78.84 6.84 0.00	69.83 6.29 0.00	61.01 4.93 0.00	55.98 4.53 0.00
MENANDS___115KV_TB5 355628	52.75 1.49 0.00	47.72 1.34 0.00	45.50 1.28 0.00	43.91 1.28 0.00	44.46 1.29 0.00	47.48 1.43 0.00	50.13 1.32 0.00	51.55 1.26 0.00	53.60 1.26 0.00	54.31 1.12 0.00	52.75 1.09 0.00	57.09 1.07 0.11	57.49 0.91 0.00	61.50 0.85 0.16	62.70 0.87 0.64	66.01 1.36 0.00	73.29 1.58 0.00	87.07 2.29 0.00	82.91 2.49 0.00	81.11 1.51 0.00	73.44 1.44 0.00	64.62 1.08 0.00	56.70 0.62 0.00	52.38 0.93 0.00
MG INDUSTRY___DRP 24185	52.75 1.49 0.00	47.72 1.34 0.00	45.55 1.33 0.00	43.99 1.36 0.00	44.54 1.38 0.00	47.48 1.43 0.00	50.13 1.32 0.00	51.40 1.11 0.00	53.39 1.05 0.00	54.09 0.90 0.00	52.50 0.83 0.00	56.91 0.84 0.06	56.98 0.40 0.00	53.82 -0.79 6.19	54.87 -0.75 6.85	56.85 -0.45 7.35	62.00 -0.43 9.28	84.59 -0.17 0.02	80.56 0.16 0.02	79.04 -0.56 0.00	71.64 -0.36 0.00	63.09 -0.44 0.00	55.52 -0.56 0.00	51.25 -0.21 0.00

MID___OSWEGATCHIE_HYD 23849	52.03 0.77 0.00	47.07 0.70 0.00	44.88 0.66 0.00	43.18 0.55 0.00	43.90 0.73 0.00	46.84 0.78 0.00	49.94 1.12 0.00	51.55 1.26 0.00	53.55 1.20 0.00	54.20 1.01 0.00	51.93 0.26 0.00	56.29 0.17 0.00	56.69 0.11 0.00	60.93 0.12 0.00	62.09 -0.37 0.00	63.69 -0.97 0.00	70.64 -1.08 0.00	83.85 -0.93 0.00	79.69 -0.72 0.00	79.84 0.24 0.00	73.30 1.30 0.00	65.00 1.46 0.00	57.59 1.51 0.00	52.64 1.18 0.00
MID___RAQUETTE_HYD 23851	51.00 -0.26 0.00	46.37 0.00 0.00	44.26 0.04 0.00	42.63 0.00 0.00	43.34 0.17 0.00	46.20 0.14 0.00	49.16 0.34 0.00	50.90 0.60 0.00	52.97 0.63 0.00	53.67 0.48 0.00	51.98 0.31 0.00	56.13 0.00 0.00	56.69 0.11 0.00	60.87 0.06 0.00	61.97 -0.50 0.00	63.17 -1.49 0.00	69.71 -2.01 0.00	81.90 -2.88 0.00	77.44 -2.98 0.00	77.93 -1.67 0.00	71.14 -0.86 0.00	63.15 -0.38 0.00	56.64 0.56 0.00	51.86 0.41 0.00
MILLIKEN___1 23584	52.64 1.38 0.00	47.21 0.83 0.00	44.93 0.71 0.00	43.23 0.60 0.00	43.81 0.65 0.00	46.75 0.69 0.00	49.74 0.93 0.00	51.00 0.70 0.00	52.97 0.63 0.00	53.83 0.64 0.00	52.13 0.47 0.00	56.97 0.84 0.00	57.54 0.96 0.00	62.02 1.22 0.00	63.66 1.19 0.00	66.21 1.55 0.00	73.87 2.15 0.00	88.34 3.56 0.00	84.20 3.78 0.00	83.18 3.58 0.00	74.88 2.88 0.00	66.08 2.54 0.00	57.70 1.63 0.00	52.84 1.39 0.00
MILLIKEN___2 23585	52.64 1.38 0.00	47.21 0.83 0.00	44.93 0.71 0.00	43.23 0.60 0.00	43.81 0.65 0.00	46.75 0.69 0.00	49.74 0.93 0.00	51.00 0.70 0.00	52.97 0.63 0.00	53.83 0.64 0.00	52.13 0.47 0.00	56.97 0.84 0.00	57.54 0.96 0.00	62.02 1.22 0.00	63.66 1.19 0.00	66.21 1.55 0.00	73.87 2.15 0.00	88.34 3.56 0.00	84.20 3.78 0.00	83.18 3.58 0.00	74.88 2.88 0.00	66.08 2.54 0.00	57.70 1.63 0.00	52.84 1.39 0.00
MILLIKEN___DIESEL 23629	52.64 1.38 0.00	47.21 0.83 0.00	44.93 0.71 0.00	43.23 0.60 0.00	43.81 0.65 0.00	46.75 0.69 0.00	49.74 0.93 0.00	51.00 0.70 0.00	52.97 0.63 0.00	53.83 0.64 0.00	52.13 0.47 0.00	56.97 0.84 0.00	57.54 0.96 0.00	62.02 1.22 0.00	63.66 1.19 0.00	66.21 1.55 0.00	73.87 2.15 0.00	88.34 3.56 0.00	84.20 3.78 0.00	83.18 3.58 0.00	74.88 2.88 0.00	66.08 2.54 0.00	57.70 1.63 0.00	52.84 1.39 0.00
MILLSEAT___LFGE 323607	51.77 0.51 0.00	45.44 -0.93 0.00	43.07 -1.15 0.00	40.97 -1.66 0.00	41.57 -1.60 0.00	44.58 -1.48 0.00	47.60 -1.22 0.00	48.03 -2.26 0.00	50.30 -2.04 0.00	51.33 -1.86 0.00	50.28 -1.39 0.00	55.51 -0.62 0.00	56.92 0.34 0.00	61.48 0.67 0.00	63.34 0.87 0.00	65.75 1.10 0.00	73.22 1.51 0.00	88.17 3.39 0.00	83.87 3.46 0.00	82.46 2.86 0.00	73.73 1.73 0.00	65.06 1.52 0.00	56.52 0.45 0.00	52.58 1.13 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	54.29 3.02 0.00	49.34 2.97 0.00	46.92 2.70 0.00	45.14 2.52 0.00	45.62 2.46 0.00	48.77 2.72 0.00	51.65 2.83 0.00	53.16 2.87 0.00	55.17 2.83 0.00	56.06 2.87 0.00	54.77 3.10 0.00	59.33 3.09 -0.12	59.75 3.17 0.00	64.45 3.47 -0.18	66.89 3.69 -0.73	68.92 4.27 0.00	76.52 4.80 0.00	90.97 6.19 0.00	86.21 5.79 0.00	83.90 4.30 0.00	75.67 3.67 0.00	66.33 2.80 0.00	58.49 2.41 0.00	54.13 2.68 0.00
MILLWOOD_13_KV_LOAD 356217	54.49 3.23 0.00	49.48 3.11 0.00	47.01 2.79 0.00	45.27 2.64 0.00	45.71 2.55 0.00	48.91 2.86 0.00	51.84 3.03 0.00	53.31 3.02 0.00	55.32 2.98 0.00	56.22 3.03 0.00	54.92 3.26 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.70 3.71 -0.18	67.20 4.00 -0.73	69.18 4.53 0.00	76.88 5.16 0.00	91.39 6.61 0.00	86.61 6.19 0.00	84.30 4.70 0.00	75.96 3.96 0.00	66.65 3.11 0.00	58.71 2.64 0.00	54.33 2.88 0.00
MODEL_CITY_ENERGY 24167	50.44 -0.82 0.00	44.24 -2.13 0.00	41.97 -2.25 0.00	39.77 -2.86 0.00	40.36 -2.80 0.00	43.38 -2.67 0.00	46.18 -2.64 0.00	46.32 -3.97 0.00	48.47 -3.87 0.00	49.41 -3.78 0.00	48.52 -3.15 0.00	53.66 -2.47 0.00	55.11 -1.47 0.00	59.53 -1.28 0.00	61.35 -1.12 0.00	63.56 -1.10 0.00	70.71 -1.00 0.00	84.78 0.00 0.00	80.74 0.32 0.00	79.21 -0.40 0.00	70.92 -1.08 0.00	62.58 -0.95 0.00	54.51 -1.57 0.00	50.89 -0.56 0.00
MODERN_LFGE___ 323580	50.44 -0.82 0.00	44.24 -2.13 0.00	41.97 -2.25 0.00	39.77 -2.86 0.00	40.36 -2.80 0.00	43.38 -2.67 0.00	46.18 -2.64 0.00	46.32 -3.97 0.00	48.47 -3.87 0.00	49.41 -3.78 0.00	48.52 -3.15 0.00	53.66 -2.47 0.00	55.11 -1.47 0.00	59.53 -1.28 0.00	61.35 -1.12 0.00	63.56 -1.10 0.00	70.71 -1.00 0.00	84.78 0.00 0.00	80.74 0.32 0.00	79.21 -0.40 0.00	70.92 -1.08 0.00	62.58 -0.95 0.00	54.51 -1.57 0.00	50.89 -0.56 0.00
MOHAWK_PAPER___DRP 24187	53.05 1.79 0.00	48.04 1.67 0.00	45.77 1.55 0.00	44.16 1.53 0.00	44.72 1.55 0.00	47.76 1.70 0.00	50.47 1.66 0.00	51.85 1.56 0.00	53.91 1.57 0.00	54.63 1.44 0.00	53.01 1.34 0.00	57.42 1.40 0.11	57.88 1.30 0.00	61.86 1.22 0.16	63.14 1.31 0.64	66.47 1.81 0.00	73.80 2.08 0.00	87.75 2.97 0.00	83.55 3.14 0.00	81.83 2.23 0.00	74.02 2.02 0.00	65.19 1.65 0.00	57.20 1.12 0.00	52.79 1.34 0.00
MOHICAN___35_KV_115KV_LD 80490	55.05 3.79 0.00	49.66 3.29 0.00	47.27 3.05 0.00	45.57 2.94 0.00	46.18 3.02 0.00	49.42 3.36 0.00	52.33 3.51 0.00	53.76 3.47 0.00	55.90 3.56 0.00	56.54 3.35 0.00	54.30 2.64 0.00	58.94 2.92 0.11	59.35 2.77 0.00	63.26 2.61 0.16	64.56 2.75 0.66	68.15 3.49 0.00	75.80 4.09 0.00	90.46 5.68 0.00	87.01 6.59 0.00	85.49 5.89 0.00	77.55 5.54 0.00	68.56 5.02 0.00	59.89 3.81 0.00	55.11 3.65 0.00
MONGAUP___HYD 23641	54.08 2.82 0.00	49.06 2.69 0.00	46.61 2.39 0.00	44.84 2.22 0.00	45.36 2.20 0.00	48.54 2.49 0.00	51.40 2.59 0.00	52.81 2.51 0.00	54.75 2.41 0.00	55.42 2.23 0.00	53.94 2.27 0.00	58.47 2.25 -0.10	58.85 2.27 0.00	63.51 2.55 -0.15	65.77 2.68 -0.61	67.63 2.98 0.00	75.02 3.30 0.00	89.95 5.17 0.00	85.40 4.99 0.00	83.58 3.98 0.00	76.10 4.10 0.00	66.96 3.43 0.00	58.88 2.80 0.00	54.23 2.78 0.00
MONTAUK___DIESEL 23721	60.79 6.61 -2.92	55.05 6.54 -2.14	53.63 5.97 -3.44	49.43 5.75 -1.04	50.17 5.78 -1.22	52.72 6.40 -0.26	55.45 6.64 0.00	57.19 6.89 -0.01	60.17 7.01 -0.81	65.03 7.50 -4.34	70.79 7.70 -11.43	201.62 8.59 -136.90	231.06 8.60 -165.88	255.70 8.15 -186.74	255.18 8.62 -184.09	266.92 9.44 -192.83	290.73 9.97 -209.05	319.48 12.72 -221.98	301.34 11.42 -209.50	311.05 9.71 -221.73	249.45 8.57 -168.88	288.15 6.93 -217.69	67.95 6.95 -4.91	57.83 6.79 0.41
MOONROAD_115KV_HARTFLD_TB1-2 355988	51.88 0.62 0.00	45.35 -1.02 0.00	42.98 -1.24 0.00	40.92 -1.71 0.00	41.78 -1.38 0.00	44.68 -1.38 0.00	47.99 -0.83 0.00	48.53 -1.76 0.00	51.24 -1.10 0.00	52.23 -0.96 0.00	51.20 -0.47 0.00	56.52 0.39 0.00	57.83 1.24 0.00	62.75 1.95 0.00	65.28 2.81 0.00	67.50 2.84 0.00	75.44 3.73 0.00	90.20 5.43 0.00	86.21 5.79 0.00	84.54 4.94 0.00	75.53 3.53 0.00	66.52 2.99 0.00	57.37 1.29 0.00	52.84 1.39 0.00

MORRIS_RIDGE___SOLAR 323848	51.98 0.72 0.00	45.91 -0.46 0.00	43.60 -0.62 0.00	41.78 -0.85 0.00	42.39 -0.78 0.00	45.23 -0.83 0.00	48.18 -0.64 0.00	48.53 -1.76 0.00	50.46 -1.88 0.00	51.28 -1.91 0.00	50.07 -1.60 0.00	55.23 -0.90 0.00	56.47 -0.11 0.00	61.11 0.31 0.00	62.97 0.50 0.00	65.43 0.78 0.00	73.01 1.29 0.00	87.66 2.88 0.00	83.47 3.06 0.00	82.46 2.86 0.00	74.09 2.09 0.00	65.31 1.78 0.00	56.58 0.50 0.00	52.43 0.98 0.00
MORTIMER_115KV_TB3 55949	51.36 0.10 0.00	45.54 -0.83 0.00	43.25 -0.97 0.00	41.39 -1.24 0.00	42.04 -1.12 0.00	44.81 -1.24 0.00	47.94 -0.88 0.00	48.89 -1.41 0.00	51.24 -1.10 0.00	52.23 -0.96 0.00	50.95 -0.72 0.00	55.96 -0.17 0.00	56.92 0.34 0.00	61.47 0.67 0.00	63.28 0.81 0.00	65.75 1.10 0.00	73.15 1.43 0.00	87.58 2.80 0.00	83.31 2.90 0.00	82.07 2.47 0.00	73.51 1.51 0.00	64.93 1.40 0.00	56.64 0.56 0.00	51.86 0.41 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	54.75 3.49 0.00	49.80 3.43 0.00	47.32 3.10 0.00	45.49 2.86 0.00	45.97 2.81 0.00	49.14 3.09 0.00	52.09 3.27 0.00	53.61 3.32 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.29 3.62 0.00	59.84 3.59 -0.12	60.26 3.68 0.00	64.94 3.95 -0.18	67.45 4.25 -0.74	69.50 4.85 0.00	77.09 5.38 0.00	91.48 6.70 0.00	86.61 6.19 0.00	84.22 4.62 0.00	75.89 3.89 0.00	66.65 3.11 0.00	58.94 2.86 0.00	54.64 3.19 0.00
MUNSVILLE_WIND_PWR 323609	55.92 4.66 0.00	50.13 3.75 0.00	47.67 3.45 0.00	45.83 3.20 0.00	46.53 3.37 0.00	49.79 3.73 0.00	53.36 4.54 0.00	54.67 4.37 0.00	56.43 4.09 0.00	57.29 4.10 0.00	55.49 3.82 0.00	60.73 4.60 0.00	61.16 4.58 0.00	65.91 5.11 0.00	67.40 4.93 0.00	70.28 5.62 0.00	78.60 6.89 0.00	95.12 10.34 0.00	91.03 10.61 0.00	90.03 10.43 0.00	80.93 8.93 0.00	71.41 7.88 0.00	61.58 5.50 0.00	56.29 4.84 0.00
N SALMON___HYD 24042	51.36 0.10 0.00	46.56 0.19 0.00	44.49 0.27 0.00	42.84 0.21 0.00	43.42 0.26 0.00	46.29 0.23 0.00	49.16 0.34 0.00	50.75 0.45 0.00	52.81 0.47 0.00	53.56 0.37 0.00	52.08 0.41 0.00	56.24 0.11 0.00	56.87 0.28 0.00	60.99 0.18 0.00	62.41 -0.06 0.00	63.81 -0.84 0.00	70.78 -0.93 0.00	82.91 -1.87 0.00	78.72 -1.69 0.00	79.05 -0.55 0.00	71.93 -0.07 0.00	63.47 -0.06 0.00	56.52 0.45 0.00	51.86 0.41 0.00
N.AKRON__115KV_KNAPP 355671	51.67 0.41 0.00	45.40 -0.97 0.00	42.98 -1.24 0.00	40.75 -1.88 0.00	41.48 -1.68 0.00	44.21 -1.84 0.00	47.55 -1.27 0.00	47.93 -2.36 0.00	50.20 -2.15 0.00	51.17 -2.02 0.00	50.07 -1.60 0.00	55.23 -0.90 0.00	56.58 0.00 0.00	61.35 0.55 0.00	63.22 0.75 0.00	65.63 0.97 0.00	73.01 1.29 0.00	87.66 2.88 0.00	83.71 3.30 0.00	82.23 2.63 0.00	73.51 1.51 0.00	64.93 1.40 0.00	56.53 0.45 0.00	51.86 0.41 0.00
N.E_GEN_SANDY PD 24062	53.31 2.05 0.00	48.36 1.99 0.00	46.08 1.86 0.00	44.42 1.79 0.00	44.93 1.77 0.00	47.99 1.93 0.00	50.06 1.95 0.71	52.87 1.86 -0.71	54.22 1.88 0.00	54.94 1.75 0.00	53.43 1.76 0.00	56.90 1.57 0.80	58.22 1.64 0.00	61.30 1.70 1.21	59.47 1.81 4.81	67.24 2.59 0.00	76.10 2.72 -1.66	87.10 3.99 1.66	84.36 3.94 0.00	82.15 2.55 0.00	74.37 2.37 0.00	66.10 1.65 -0.91	59.68 1.23 -2.37	49.67 1.49 3.28
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	54.18 2.92 0.00	49.25 2.87 0.00	46.78 2.56 0.00	45.02 2.39 0.00	45.49 2.33 0.00	48.64 2.58 0.00	51.50 2.68 0.00	53.01 2.72 0.00	55.12 2.77 0.00	55.96 2.77 0.00	54.67 3.00 0.00	59.27 3.03 -0.11	59.69 3.11 0.00	64.38 3.41 -0.17	66.78 3.62 -0.69	68.92 4.27 0.00	76.52 4.80 0.00	90.97 6.19 0.00	86.21 5.79 0.00	83.90 4.30 0.00	75.60 3.60 0.00	66.33 2.80 0.00	58.43 2.36 0.00	54.03 2.57 0.00
N.QUEENS_27_KV_LOAD 356247	54.91 3.64 -0.01	50.27 3.90 0.00	47.76 3.54 0.00	45.91 3.28 0.00	46.36 3.19 -0.01	49.70 3.64 -0.01	52.53 3.71 -0.01	53.81 3.52 0.00	55.59 3.25 0.00	56.59 3.40 0.00	55.75 4.08 0.00	59.78 3.54 -0.12	60.09 3.51 0.00	64.88 3.89 -0.18	67.39 4.19 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.44 6.03 0.01	83.97 4.38 0.01	75.74 3.74 0.01	66.51 2.99 0.01	59.17 3.08 -0.01	55.06 3.60 -0.01
N.TROY___115KV_TB1 355778	53.46 2.20 0.00	48.36 1.99 0.00	46.08 1.86 0.00	44.46 1.83 0.00	44.98 1.81 0.00	48.08 2.03 0.00	50.82 2.00 0.00	52.26 1.96 0.00	54.28 1.94 0.00	55.00 1.81 0.00	53.32 1.65 0.00	57.67 1.68 0.14	58.22 1.64 0.00	62.23 1.64 0.22	63.29 1.69 0.87	66.92 2.26 0.00	74.37 2.65 0.00	88.42 3.65 0.00	84.44 4.02 0.00	82.63 3.02 0.00	74.81 2.81 0.00	65.76 2.22 0.00	57.70 1.63 0.00	53.31 1.85 0.00
NARROWS_GT1_1 24228	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NARROWS_GT1_2 24229	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NARROWS_GT1_3 24230	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NARROWS_GT1_4 24231	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NARROWS_GT1_5 24232	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00

NARROWS_GT1_6 24233	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NARROWS_GT1_7 24234	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NARROWS_GT1_8 24235	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NARROWS_GT2_1 24236	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NARROWS_GT2_2 24237	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NARROWS_GT2_3 24238	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NARROWS_GT2_4 24239	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NARROWS_GT2_5 24240	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NARROWS_GT2_6 24241	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NARROWS_GT2_7 24242	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NARROWS_GT2_8 24243	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.27 2.93 0.00	56.33 3.14 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.94 5.23 0.01	91.47 6.70 0.01	86.52 6.11 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.49 3.11 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	53.52 2.26 0.00	48.36 1.99 0.00	46.12 1.90 0.00	44.46 1.83 0.00	45.02 1.86 0.00	48.08 2.03 0.00	50.77 1.95 0.00	51.95 1.66 0.00	53.81 1.47 0.00	54.41 1.22 0.00	52.65 0.98 0.00	57.54 1.46 0.04	57.03 0.45 0.00	53.83 0.85 7.83	54.83 0.87 8.51	56.78 1.49 9.36	61.69 1.79 11.82	87.64 2.88 0.02	83.21 2.81 0.02	81.75 2.15 0.00	73.95 1.94 0.00	65.38 1.84 0.00	57.31 1.23 0.00	52.79 1.34 0.00
NCHELSEA_115KV_TR2 355582	54.49 3.23 0.00	49.43 3.06 0.00	47.01 2.79 0.00	45.23 2.60 0.00	45.71 2.55 0.00	48.91 2.86 0.00	51.79 2.98 0.00	53.31 3.02 0.00	55.38 3.04 0.00	56.22 3.03 0.00	54.61 2.95 0.00	59.20 2.97 -0.10	59.58 3.00 0.00	63.99 3.04 -0.15	66.05 3.00 -0.58	68.28 3.62 0.00	75.87 4.16 0.00	90.37 5.60 0.00	85.72 5.31 0.00	83.58 3.98 0.00	75.31 3.31 0.00	66.20 2.67 0.00	58.77 2.69 0.00	54.54 3.09 0.00
NEG CAPITAL___MECHNVIL 23645	54.39 3.13 0.00	49.15 2.78 0.00	46.83 2.61 0.00	45.14 2.51 0.00	45.71 2.55 0.00	48.87 2.81 0.00	51.69 2.88 0.00	53.11 2.81 0.00	55.22 2.88 0.00	55.90 2.71 0.00	54.10 2.43 0.00	58.59 2.58 0.12	59.13 2.55 0.00	63.17 2.55 0.19	64.35 2.62 0.74	68.14 3.49 0.00	75.66 3.94 0.00	90.21 5.43 0.00	86.04 5.63 0.00	84.38 4.78 0.00	76.47 4.47 0.00	67.41 3.88 0.00	59.05 2.97 0.00	54.33 2.88 0.00
NEG CENTRAL_HIGH_ACRES 23767	50.54 -0.72 0.00	44.93 -1.44 0.00	42.67 -1.55 0.00	40.97 -1.66 0.00	41.52 -1.64 0.00	44.26 -1.80 0.00	47.30 -1.51 0.00	48.43 -1.86 0.00	50.66 -1.68 0.00	51.70 -1.49 0.00	50.33 -1.34 0.00	55.29 -0.84 0.00	56.13 -0.45 0.00	60.56 -0.24 0.00	62.28 -0.19 0.00	64.72 0.06 0.00	72.00 0.29 0.00	86.39 1.61 0.00	81.94 1.52 0.00	80.72 1.11 0.00	72.36 0.36 0.00	63.86 0.32 0.00	55.69 -0.39 0.00	51.25 -0.20 0.00

NEG CENTRAL___DRP 24199	51.93 0.67 0.00	46.51 0.14 0.00	44.22 0.00 0.00	42.46 -0.17 0.00	43.08 -0.09 0.00	45.96 -0.09 0.00	49.06 0.24 0.00	50.04 -0.25 0.00	52.13 -0.21 0.00	53.03 -0.16 0.00	51.46 -0.21 0.00	56.41 0.28 0.00	57.09 0.51 0.00	61.60 0.79 0.00	63.34 0.87 0.00	65.82 1.16 0.00	73.44 1.72 0.00	87.58 2.80 0.00	83.63 3.22 0.00	82.55 2.95 0.00	74.09 2.09 0.00	65.38 1.84 0.00	57.03 0.95 0.00	52.17 0.92 0.00
NEG CENTRAL___INDECK 23768	53.62 2.36 0.00	47.39 1.02 0.00	44.93 0.71 0.00	43.01 0.38 0.00	43.64 0.48 0.00	46.61 0.55 0.00	49.84 1.03 0.00	50.39 0.10 0.00	52.18 -0.16 0.00	52.87 -0.32 0.00	51.41 -0.26 0.00	56.85 0.73 0.00	58.00 1.42 0.00	62.63 1.82 0.00	64.47 2.00 0.00	67.11 2.46 0.00	75.02 3.30 0.00	90.89 6.11 0.00	87.09 6.67 0.00	86.52 6.92 0.00	77.62 5.62 0.00	68.55 5.02 0.00	59.33 3.25 0.00	54.54 3.09 0.00
NEG CENTRAL___SENECA 23627	52.18 0.92 0.00	46.70 0.32 0.00	44.35 0.13 0.00	42.54 -0.09 0.00	43.21 0.04 0.00	46.10 0.05 0.00	49.25 0.44 0.00	50.09 -0.20 0.00	52.18 -0.16 0.00	53.08 -0.11 0.00	51.51 -0.16 0.00	56.57 0.45 0.00	57.43 0.85 0.00	62.08 1.28 0.00	63.84 1.37 0.00	66.34 1.68 0.00	74.08 2.37 0.00	88.42 3.65 0.00	84.68 4.26 0.00	83.42 3.82 0.00	74.81 2.81 0.00	66.01 2.48 0.00	57.37 1.29 0.00	52.48 1.03 0.00
NEG CENTRAL___STATE_STREET 24147	51.82 0.56 0.00	46.51 0.14 0.00	44.22 0.00 0.00	42.54 -0.09 0.00	43.08 -0.09 0.00	46.01 -0.05 0.00	48.96 0.15 0.00	50.19 -0.10 0.00	52.24 -0.10 0.00	53.19 0.00 0.00	51.57 -0.10 0.00	56.41 0.28 0.00	56.98 0.40 0.00	61.41 0.61 0.00	63.09 0.62 0.00	65.56 0.91 0.00	73.01 1.29 0.00	87.24 2.46 0.00	83.07 2.65 0.00	81.99 2.39 0.00	73.73 1.73 0.00	65.12 1.59 0.00	56.92 0.84 0.00	52.12 0.67 0.00
NEG MILLWOOD___DRP 24198	54.75 3.49 0.00	49.66 3.29 0.00	47.18 2.96 0.00	45.40 2.77 0.00	45.88 2.72 0.00	49.10 3.04 0.00	52.09 3.27 0.00	53.56 3.27 0.00	55.59 3.25 0.00	56.49 3.30 0.00	55.13 3.46 0.00	59.77 3.54 -0.11	60.15 3.56 0.00	64.86 3.89 -0.16	67.24 4.12 -0.65	69.31 4.66 0.00	77.02 5.31 0.00	91.82 7.04 0.00	87.01 6.59 0.00	84.86 5.25 0.00	76.47 4.46 0.00	67.03 3.49 0.00	59.16 3.08 0.00	54.75 3.29 0.00
NEG NORTH_FLCN_SEA 23793	50.08 -1.18 0.00	45.91 -0.46 0.00	43.87 -0.35 0.00	42.25 -0.38 0.00	42.77 -0.39 0.00	45.60 -0.46 0.00	48.38 -0.44 0.00	49.49 -0.80 0.00	51.19 -1.15 0.00	51.91 -1.28 0.00	50.95 -0.72 0.00	54.61 -1.52 0.00	55.22 -1.36 0.00	58.80 -2.01 0.00	60.22 -2.25 0.00	61.94 -2.72 0.00	68.49 -3.23 0.00	80.62 -4.15 0.00	75.99 -4.42 0.00	76.18 -3.42 0.00	69.19 -2.81 0.00	60.99 -2.54 0.00	54.68 -1.40 0.00	50.42 -1.03 0.00
NEG NORTH_KES_CHATEGAY 23792	50.54 -0.72 0.00	46.05 -0.32 0.00	43.95 -0.27 0.00	42.37 -0.26 0.00	42.90 -0.26 0.00	45.73 -0.32 0.00	48.52 -0.29 0.00	49.94 -0.35 0.00	51.87 -0.47 0.00	52.60 -0.59 0.00	51.31 -0.36 0.00	55.40 -0.73 0.00	55.96 -0.62 0.00	59.89 -0.91 0.00	61.41 -1.06 0.00	63.10 -1.55 0.00	69.78 -1.94 0.00	82.07 -2.71 0.00	77.52 -2.90 0.00	77.69 -1.91 0.00	70.63 -1.37 0.00	62.33 -1.21 0.00	55.52 -0.56 0.00	50.78 -0.67 0.00
NEG NORTH___ALICE_FALLS 23915	50.70 -0.56 0.00	46.32 -0.05 0.00	44.22 0.00 0.00	42.59 -0.04 0.00	43.16 0.00 0.00	46.01 -0.05 0.00	48.82 0.00 0.00	49.99 -0.30 0.00	51.82 -0.52 0.00	52.55 -0.64 0.00	51.41 -0.26 0.00	55.28 -0.84 0.00	55.96 -0.62 0.00	59.71 -1.09 0.00	61.16 -1.31 0.00	62.91 -1.75 0.00	69.64 -2.08 0.00	82.15 -2.63 0.00	77.44 -2.98 0.00	77.61 -1.99 0.00	70.56 -1.44 0.00	62.14 -1.40 0.00	55.52 -0.56 0.00	50.94 -0.51 0.00
NEG NORTH___LWR_SARANAC 23913	50.70 -0.56 0.00	46.32 -0.05 0.00	44.22 0.00 0.00	42.59 -0.04 0.00	43.16 0.00 0.00	46.01 -0.05 0.00	48.82 0.00 0.00	49.99 -0.30 0.00	51.82 -0.52 0.00	52.55 -0.64 0.00	51.41 -0.26 0.00	55.28 -0.84 0.00	55.96 -0.62 0.00	59.71 -1.09 0.00	61.16 -1.31 0.00	62.91 -1.75 0.00	69.64 -2.08 0.00	82.15 -2.63 0.00	77.44 -2.98 0.00	77.61 -1.99 0.00	70.56 -1.44 0.00	62.14 -1.40 0.00	55.52 -0.56 0.00	50.94 -0.51 0.00
NEG NORTH___PLATTSBURG 23628	51.06 -0.20 0.00	46.32 -0.05 0.00	44.22 0.00 0.00	42.59 -0.04 0.00	43.16 0.00 0.00	46.01 -0.05 0.00	48.82 0.00 0.00	49.99 -0.30 0.00	51.82 -0.52 0.00	52.55 -0.64 0.00	51.31 -0.36 0.00	55.29 -0.84 0.00	55.84 -0.74 0.00	59.71 -1.09 0.00	61.15 -1.31 0.00	62.72 -1.94 0.00	69.63 -2.08 0.00	81.81 -2.97 0.00	77.44 -2.97 0.00	77.61 -1.99 0.00	70.56 -1.44 0.00	62.14 -1.40 0.00	55.52 -0.56 0.00	51.30 -0.15 0.00
NEG WEST_LEA_LOCKPORT 23791	50.59 -0.67 0.00	44.38 -1.99 0.00	42.10 -2.12 0.00	39.94 -2.69 0.00	40.66 -2.50 0.00	43.25 -2.81 0.00	46.47 -2.34 0.00	46.67 -3.62 0.00	48.89 -3.45 0.00	49.84 -3.35 0.00	48.88 -2.79 0.00	53.94 -2.19 0.00	55.34 -1.24 0.00	59.95 -0.85 0.00	61.84 -0.62 0.00	64.01 -0.65 0.00	71.21 -0.50 0.00	85.29 0.51 0.00	81.38 0.97 0.00	79.84 0.24 0.00	71.42 -0.58 0.00	63.15 -0.38 0.00	55.07 -1.01 0.00	50.63 -0.82 0.00
NEG WEST___LANCASTR 23811	51.16 -0.10 0.00	44.93 -1.44 0.00	42.63 -1.59 0.00	40.63 -2.00 0.00	41.35 -1.81 0.00	44.12 -1.93 0.00	47.20 -1.61 0.00	47.43 -2.87 0.00	49.83 -2.51 0.00	50.69 -2.50 0.00	49.71 -1.96 0.00	54.84 -1.29 0.00	56.13 -0.45 0.00	60.93 0.12 0.00	62.84 0.37 0.00	65.11 0.45 0.00	72.72 1.00 0.00	86.90 2.12 0.00	82.91 2.49 0.00	81.35 1.75 0.00	72.65 0.65 0.00	64.04 0.51 0.00	55.46 -0.62 0.00	51.25 -0.21 0.00
NEG_PENN_ALLEGHNY 23528	52.34 1.08 0.00	46.93 0.56 0.00	44.71 0.49 0.00	42.97 0.34 0.00	43.55 0.39 0.00	46.47 0.41 0.00	49.40 0.59 0.00	50.55 0.25 0.00	52.66 0.32 0.00	53.78 0.59 0.00	52.24 0.57 0.00	57.08 0.95 0.00	57.77 1.19 0.00	62.26 1.46 0.00	63.97 1.50 0.00	66.53 1.88 0.00	73.94 2.23 0.00	88.34 3.56 0.00	83.79 3.38 0.00	82.46 2.86 0.00	74.24 2.23 0.00	65.44 1.90 0.00	57.09 1.01 0.00	52.54 1.08 0.00
NEG___GEN_MONROE 24207	51.77 0.51 0.00	45.86 -0.51 0.00	43.42 -0.80 0.00	41.48 -1.15 0.00	42.13 -1.04 0.00	44.95 -1.11 0.00	48.13 -0.68 0.00	48.99 -1.31 0.00	51.19 -1.15 0.00	52.23 -0.96 0.00	51.00 -0.67 0.00	56.07 -0.06 0.00	57.09 0.51 0.00	61.72 0.91 0.00	63.53 1.06 0.00	66.01 1.36 0.00	73.36 1.65 0.00	88.00 3.22 0.00	83.96 3.54 0.00	82.79 3.18 0.00	74.09 2.09 0.00	65.51 1.97 0.00	57.20 1.12 0.00	52.48 1.03 0.00
NEPA___ENERGY 23901	51.88 0.62 0.00	45.63 -0.74 0.00	43.25 -0.97 0.00	41.27 -1.36 0.00	42.00 -1.17 0.00	44.81 -1.24 0.00	47.99 -0.83 0.00	48.38 -1.91 0.00	50.88 -1.47 0.00	51.75 -1.44 0.00	50.74 -0.93 0.00	55.96 -0.17 0.00	57.20 0.62 0.00	62.02 1.22 0.00	64.03 1.56 0.00	66.34 1.68 0.00	74.08 2.37 0.00	88.51 3.73 0.00	84.44 4.02 0.00	82.87 3.26 0.00	74.09 2.09 0.00	65.32 1.78 0.00	56.47 0.39 0.00	51.97 0.51 0.00

NEVERSINK___HYD 23608	53.77 2.51 0.00	48.78 2.41 0.00	46.39 2.17 0.00	44.63 2.00 0.00	45.11 1.94 0.00	48.27 2.21 0.00	51.16 2.34 0.00	52.66 2.36 0.00	54.64 2.30 0.00	55.48 2.29 0.00	54.00 2.33 0.00	58.50 2.30 -0.08	58.96 2.38 0.00	63.06 2.74 0.48	65.11 2.81 0.18	67.62 3.68 0.72	74.89 4.09 0.91	90.71 5.93 0.00	85.96 5.54 0.00	83.98 4.38 0.00	75.67 3.67 0.00	66.52 2.99 0.00	58.54 2.46 0.00	53.97 2.52 0.00
NEWKRMKL_115KV_TB1 55635	52.49 1.23 0.00	47.48 1.11 0.00	45.28 1.06 0.00	43.70 1.07 0.00	44.24 1.08 0.00	47.25 1.20 0.00	49.94 1.12 0.00	51.30 1.01 0.00	53.34 0.99 0.00	54.09 0.90 0.00	52.50 0.83 0.00	56.87 0.84 0.09	57.20 0.62 0.00	61.15 0.49 0.14	62.46 0.56 0.57	65.63 0.97 0.00	72.86 1.15 0.00	86.56 1.78 0.00	82.35 1.93 0.00	80.64 1.03 0.00	72.94 0.94 0.00	64.24 0.70 0.00	56.41 0.34 0.00	52.12 0.67 0.00
NEWTON___FALLS_HYD 23847	52.03 0.77 0.00	47.07 0.70 0.00	44.88 0.66 0.00	43.18 0.55 0.00	43.90 0.73 0.00	46.84 0.78 0.00	49.94 1.12 0.00	51.55 1.26 0.00	53.55 1.20 0.00	54.20 1.01 0.00	51.93 0.26 0.00	56.29 0.17 0.00	56.69 0.11 0.00	60.93 0.12 0.00	62.09 -0.37 0.00	63.69 -0.97 0.00	70.64 -1.08 0.00	83.85 -0.93 0.00	79.69 -0.72 0.00	79.84 0.24 0.00	73.30 1.30 0.00	65.00 1.46 0.00	57.59 1.51 0.00	52.64 1.18 0.00
NGRID_A1_DSASP 323792	49.52 -1.74 0.00	43.45 -2.92 0.00	41.26 -2.96 0.00	40.07 -2.56 0.00	40.57 -2.59 0.00	42.60 -3.46 0.00	45.59 -3.22 0.00	45.97 -4.33 0.00	48.31 -4.03 0.00	49.25 -3.94 0.00	48.36 -3.31 0.00	53.43 -2.69 0.00	54.72 -1.87 0.00	59.04 -1.77 0.00	60.84 -1.62 0.00	62.91 -1.74 0.00	69.99 -1.72 0.00	83.85 -0.93 0.00	79.77 -0.65 0.00	78.33 -1.28 0.00	70.06 -1.94 0.00	61.95 -1.59 0.00	54.06 -2.02 0.00	50.32 -1.13 0.00
NGRID_A2_DSASP 323793	49.52 -1.74 0.00	43.45 -2.92 0.00	41.26 -2.96 0.00	40.07 -2.56 0.00	40.57 -2.59 0.00	42.60 -3.46 0.00	45.59 -3.22 0.00	45.97 -4.33 0.00	48.31 -4.03 0.00	49.25 -3.94 0.00	48.36 -3.31 0.00	53.43 -2.69 0.00	54.72 -1.87 0.00	59.04 -1.77 0.00	60.84 -1.62 0.00	62.91 -1.74 0.00	69.99 -1.72 0.00	83.85 -0.93 0.00	79.77 -0.65 0.00	78.33 -1.28 0.00	70.06 -1.94 0.00	61.95 -1.59 0.00	54.06 -2.02 0.00	50.32 -1.13 0.00
NGRID_A4_DSASP 323807	49.52 -1.74 0.00	43.45 -2.92 0.00	41.26 -2.96 0.00	40.07 -2.56 0.00	40.57 -2.59 0.00	42.60 -3.46 0.00	45.59 -3.22 0.00	45.97 -4.33 0.00	48.31 -4.03 0.00	49.25 -3.94 0.00	48.36 -3.31 0.00	53.43 -2.69 0.00	54.72 -1.87 0.00	59.04 -1.77 0.00	60.84 -1.62 0.00	62.91 -1.74 0.00	69.99 -1.72 0.00	83.85 -0.93 0.00	79.77 -0.65 0.00	78.33 -1.28 0.00	70.06 -1.94 0.00	61.95 -1.59 0.00	54.06 -2.02 0.00	50.32 -1.13 0.00
NIAGARA_115E_LBMP 323715	50.29 -0.98 0.00	44.10 -2.27 0.00	41.83 -2.39 0.00	39.60 -3.03 0.00	40.14 -3.02 0.00	43.25 -2.81 0.00	45.98 -2.83 0.00	46.07 -4.22 0.00	48.21 -4.14 0.00	49.15 -4.04 0.00	48.26 -3.41 0.00	53.38 -2.75 0.00	54.83 -1.75 0.00	59.17 -1.64 0.00	60.97 -1.50 0.00	63.17 -1.48 0.00	70.35 -1.36 0.00	84.27 -0.51 0.00	80.26 -0.16 0.00	78.73 -0.87 0.00	70.49 -1.52 0.00	62.20 -1.34 0.00	54.23 -1.85 0.00	50.58 -0.88 0.00
NIAGARA_115W_LBMP 323714	49.42 -1.84 0.00	43.36 -3.01 0.00	41.12 -3.10 0.00	40.03 -2.60 0.00	40.53 -2.63 0.00	42.51 -3.55 0.00	45.49 -3.32 0.00	45.82 -4.48 0.00	48.15 -4.19 0.00	49.10 -4.09 0.00	48.21 -3.46 0.00	53.27 -2.86 0.00	54.55 -2.03 0.00	58.86 -1.95 0.00	60.66 -1.81 0.00	62.72 -1.94 0.00	69.78 -1.93 0.00	83.59 -1.19 0.00	79.53 -0.88 0.00	78.09 -1.51 0.00	69.91 -2.09 0.00	61.76 -1.78 0.00	53.89 -2.19 0.00	50.17 -1.28 0.00
NIAGARA_230_LBMP 323716	50.13 -1.13 0.00	44.05 -2.32 0.00	41.79 -2.43 0.00	40.07 -2.56 0.00	40.62 -2.55 0.00	43.20 -2.86 0.00	46.23 -2.59 0.00	46.57 -3.72 0.00	48.94 -3.40 0.00	49.89 -3.30 0.00	48.93 -2.74 0.00	54.11 -2.02 0.00	55.34 -1.25 0.00	59.65 -1.16 0.00	61.47 -1.00 0.00	63.69 -0.97 0.00	70.86 -0.86 0.00	84.95 0.17 0.00	80.74 0.32 0.00	79.36 -0.24 0.00	70.99 -1.01 0.00	62.71 -0.83 0.00	54.68 -1.40 0.00	50.89 -0.56 0.00
NIAGARA___115KV_198_GIBSON 55903	49.42 -1.85 0.00	43.36 -3.01 0.00	41.12 -3.10 0.00	39.82 -2.81 0.00	40.53 -2.63 0.00	43.11 -2.95 0.00	45.54 -3.27 0.00	45.82 -4.48 0.00	48.15 -4.19 0.00	49.04 -4.15 0.00	48.16 -3.51 0.00	53.10 -3.03 0.00	54.37 -2.21 0.00	58.86 -1.95 0.00	60.66 -1.81 0.00	62.78 -1.88 0.00	69.78 -1.94 0.00	83.42 -1.36 0.00	79.53 -0.88 0.00	78.09 -1.51 0.00	69.84 -2.16 0.00	61.82 -1.72 0.00	54.00 -2.07 0.00	49.65 -1.80 0.00
NIAGARA____ 23760	50.13 -1.13 0.00	44.05 -2.32 0.00	41.79 -2.43 0.00	40.07 -2.56 0.00	40.62 -2.55 0.00	43.20 -2.86 0.00	46.23 -2.59 0.00	46.57 -3.72 0.00	48.94 -3.40 0.00	49.89 -3.30 0.00	48.93 -2.74 0.00	54.11 -2.02 0.00	55.34 -1.25 0.00	59.65 -1.16 0.00	61.47 -1.00 0.00	63.69 -0.97 0.00	70.86 -0.86 0.00	84.95 0.17 0.00	80.74 0.32 0.00	79.36 -0.24 0.00	70.99 -1.01 0.00	62.71 -0.83 0.00	54.68 -1.40 0.00	50.89 -0.56 0.00
NINE_MILE_1 23575	49.93 -1.33 0.00	44.98 -1.39 0.00	42.85 -1.37 0.00	41.26 -1.37 0.00	41.82 -1.34 0.00	44.58 -1.48 0.00	47.35 -1.46 0.00	48.68 -1.61 0.00	50.62 -1.73 0.00	51.54 -1.65 0.00	50.01 -1.66 0.00	54.44 -1.68 0.00	54.89 -1.70 0.00	59.04 -1.77 0.00	60.66 -1.81 0.00	62.97 -1.68 0.00	69.93 -1.79 0.00	83.17 -1.61 0.00	78.89 -1.53 0.00	78.01 -1.59 0.00	70.42 -1.58 0.00	62.20 -1.34 0.00	54.62 -1.46 0.00	50.17 -1.28 0.00
NINE_MILE_2 23744	49.93 -1.33 0.00	44.98 -1.39 0.00	42.85 -1.37 0.00	41.26 -1.37 0.00	41.82 -1.34 0.00	44.58 -1.48 0.00	47.35 -1.46 0.00	48.68 -1.61 0.00	50.62 -1.73 0.00	51.54 -1.65 0.00	50.01 -1.66 0.00	54.44 -1.68 0.00	54.89 -1.70 0.00	59.04 -1.77 0.00	60.66 -1.81 0.00	62.97 -1.68 0.00	69.93 -1.79 0.00	83.17 -1.61 0.00	78.89 -1.53 0.00	78.01 -1.59 0.00	70.42 -1.58 0.00	62.20 -1.34 0.00	54.62 -1.46 0.00	50.17 -1.28 0.00
NM_CAPITAL___DRP 24208	52.59 1.33 0.00	47.62 1.25 0.00	45.41 1.19 0.00	43.82 1.19 0.00	44.33 1.17 0.00	47.35 1.29 0.00	50.04 1.22 0.00	51.40 1.11 0.00	53.44 1.10 0.00	54.20 1.01 0.00	52.60 0.93 0.00	56.97 0.95 0.11	57.32 0.74 0.00	61.31 0.67 0.16	62.52 0.69 0.64	65.82 1.16 0.00	73.08 1.36 0.00	86.81 2.03 0.00	82.67 2.25 0.00	80.88 1.27 0.00	73.15 1.15 0.00	64.36 0.83 0.00	56.53 0.45 0.00	52.22 0.77 0.00
NM_CENTRAL___DRP 24181	51.16 -0.10 0.00	45.95 -0.42 0.00	43.78 -0.44 0.00	42.12 -0.51 0.00	42.69 -0.47 0.00	45.55 -0.51 0.00	48.42 -0.39 0.00	49.79 -0.50 0.00	51.82 -0.52 0.00	52.82 -0.37 0.00	51.20 -0.47 0.00	55.85 -0.28 0.00	56.36 -0.23 0.00	60.62 -0.18 0.00	62.28 -0.19 0.00	64.66 0.00 0.00	71.86 0.14 0.00	85.54 0.76 0.00	81.22 0.80 0.00	80.24 0.64 0.00	72.29 0.29 0.00	63.85 0.32 0.00	55.91 -0.17 0.00	51.35 -0.10 0.00

NM_FRONTIER___DRP 24179	49.42 -1.85 0.00	43.36 -3.01 0.00	41.12 -3.10 0.00	39.82 -2.81 0.00	40.53 -2.63 0.00	43.11 -2.95 0.00	45.54 -3.27 0.00	45.82 -4.48 0.00	48.15 -4.19 0.00	49.04 -4.15 0.00	48.16 -3.51 0.00	53.10 -3.03 0.00	54.37 -2.21 0.00	58.86 -1.95 0.00	60.66 -1.81 0.00	62.78 -1.88 0.00	69.78 -1.94 0.00	83.42 -1.36 0.00	79.53 -0.88 0.00	78.09 -1.51 0.00	69.84 -2.16 0.00	61.82 -1.72 0.00	54.00 -2.07 0.00	49.65 -1.80 0.00
NM_ST_REGIS___HYD 24053	51.06 -0.21 0.00	46.42 0.05 0.00	44.35 0.13 0.00	42.71 0.09 0.00	43.38 0.22 0.00	46.24 0.18 0.00	49.16 0.34 0.00	50.85 0.55 0.00	52.92 0.58 0.00	53.67 0.48 0.00	52.03 0.36 0.00	56.18 0.06 0.00	56.75 0.17 0.00	60.93 0.12 0.00	62.09 -0.37 0.00	63.36 -1.29 0.00	69.99 -1.72 0.00	82.32 -2.46 0.00	77.76 -2.65 0.00	78.17 -1.43 0.00	71.35 -0.65 0.00	63.22 -0.32 0.00	56.64 0.56 0.00	51.81 0.36 0.00
NORTHPORT___1 23551	55.69 3.49 -0.94	52.86 4.36 -2.13	51.69 4.02 -3.44	47.47 3.79 -1.04	48.19 3.80 -1.22	50.47 4.15 -0.26	53.12 4.30 -0.01	54.28 3.97 -0.01	55.53 3.25 0.06	55.89 3.03 0.33	47.67 3.15 7.16	47.45 3.31 11.99	47.62 3.28 12.24	47.60 3.53 16.73	47.87 3.81 18.41	53.54 4.72 15.83	61.13 4.94 15.53	72.21 6.53 19.10	68.19 5.95 18.18	64.58 4.30 19.31	61.10 3.67 14.57	47.62 2.92 18.84	47.70 2.80 11.18	47.67 2.78 6.56
NORTHPORT___2 23552	55.69 3.49 -0.94	52.86 4.36 -2.13	51.69 4.02 -3.44	47.47 3.79 -1.04	48.19 3.80 -1.22	50.47 4.15 -0.26	53.12 4.30 -0.01	54.28 3.97 -0.01	55.53 3.25 0.06	55.89 3.03 0.33	47.67 3.15 7.16	47.45 3.31 11.99	47.62 3.28 12.24	47.60 3.53 16.73	47.87 3.81 18.41	53.54 4.72 15.83	61.13 4.94 15.53	72.21 6.53 19.10	68.19 5.95 18.18	64.58 4.30 19.31	61.10 3.67 14.57	47.62 2.92 18.84	47.70 2.80 11.18	47.67 2.78 6.56
NORTHPORT___3 23553	55.39 3.18 -0.95	52.02 3.52 -2.13	51.02 3.36 -3.44	46.83 3.15 -1.04	47.50 3.11 -1.22	49.73 3.41 -0.26	52.24 3.42 -0.01	53.42 3.12 -0.01	55.55 3.25 0.04	55.58 2.61 0.21	47.16 2.69 7.19	47.16 3.03 11.99	47.04 2.83 12.37	47.16 3.10 16.75	47.36 3.37 18.48	53.18 4.40 15.87	60.61 4.52 15.62	71.76 6.11 19.12	67.69 5.47 18.20	64.01 3.74 19.33	60.56 3.16 14.61	47.09 2.41 18.86	47.16 2.30 11.22	47.16 2.26 6.55
NORTHPORT___4 23650	55.39 3.18 -0.95	52.02 3.52 -2.13	51.02 3.36 -3.44	46.83 3.15 -1.04	47.50 3.11 -1.22	49.73 3.41 -0.26	52.24 3.42 -0.01	53.42 3.12 -0.01	55.55 3.25 0.04	55.58 2.61 0.21	47.16 2.69 7.19	47.16 3.03 11.99	47.04 2.83 12.37	47.16 3.10 16.75	47.36 3.37 18.48	53.18 4.40 15.87	60.61 4.52 15.62	71.76 6.11 19.12	67.69 5.47 18.20	64.01 3.74 19.33	60.56 3.16 14.61	47.09 2.41 18.86	47.16 2.30 11.22	47.16 2.26 6.55
NORTHPORT___IC 23718	55.74 3.54 -0.94	52.86 4.36 -2.13	51.69 4.02 -3.44	47.47 3.79 -1.04	48.19 3.80 -1.22	50.42 4.10 -0.26	52.96 4.15 0.00	54.32 4.02 0.00	55.37 3.09 0.06	56.05 3.19 0.33	47.67 3.15 7.16	47.50 3.37 11.99	47.68 3.34 12.24	47.59 3.53 16.74	47.87 3.81 18.41	53.29 4.46 15.83	61.14 4.95 15.53	72.04 6.36 19.10	68.19 5.95 18.18	64.67 4.38 19.31	61.18 3.74 14.57	47.62 2.92 18.84	47.42 2.52 11.18	47.77 2.88 6.56
NORTH___COUNTRY_ESR 323785	50.59 -0.67 0.00	45.95 -0.42 0.00	43.86 -0.36 0.00	42.25 -0.38 0.00	42.82 -0.35 0.00	45.64 -0.42 0.00	48.42 -0.39 0.00	49.89 -0.40 0.00	51.87 -0.47 0.00	52.61 -0.58 0.00	51.25 -0.42 0.00	55.39 -0.73 0.00	55.90 -0.68 0.00	59.90 -0.91 0.00	61.41 -1.06 0.00	62.91 -1.74 0.00	69.78 -1.93 0.00	81.56 -3.22 0.00	77.28 -3.14 0.00	77.53 -2.07 0.00	70.35 -1.65 0.00	62.08 -1.46 0.00	55.35 -0.73 0.00	50.84 -0.62 0.00
NPX_GEN_1385_PROXY 323591	55.28 3.08 -0.94	52.35 3.85 -2.13	51.02 3.36 -3.44	47.00 3.33 -1.04	47.76 3.37 -1.22	49.82 3.50 -0.26	52.06 3.95 0.71	54.44 3.42 -0.72	55.27 2.98 0.06	55.73 2.87 0.33	47.67 3.15 7.16	47.45 3.31 11.99	47.45 3.11 12.24	47.41 3.34 16.73	48.00 3.94 18.41	53.61 4.78 15.83	62.87 5.02 13.86	70.63 6.62 20.76	68.19 5.95 18.18	64.43 4.14 19.31	60.96 3.53 14.57	48.53 2.92 17.93	49.84 2.58 8.82	44.18 2.57 9.84
NPX_GEN_CSC 323557	58.79 4.62 -2.91	53.47 4.96 -2.14	52.13 4.46 -3.44	47.89 4.22 -1.04	48.57 4.19 -1.22	50.93 4.61 -0.26	52.99 4.88 0.71	55.75 4.73 -0.73	57.66 4.50 -0.81	61.72 4.20 -4.33	67.51 4.44 -11.40	197.55 4.83 -136.60	226.66 4.58 -165.49	251.93 4.80 -186.32	251.26 5.12 -183.66	263.25 6.21 -192.38	288.47 6.53 -210.23	313.24 8.65 -219.81	297.40 7.96 -209.02	307.35 6.53 -221.22	246.18 5.69 -168.49	286.21 4.58 -218.10	67.56 4.21 -7.27	51.73 3.96 3.69
NSINS_S_GLNS_FALLS 23858	55.11 3.84 0.00	49.71 3.34 0.00	47.32 3.10 0.00	45.61 2.98 0.00	46.23 3.06 0.00	49.47 3.41 0.00	52.38 3.56 0.00	53.86 3.57 0.00	55.95 3.61 0.00	56.59 3.40 0.00	54.36 2.69 0.00	58.99 2.97 0.11	59.41 2.83 0.00	63.32 2.68 0.16	64.63 2.81 0.65	68.21 3.56 0.00	75.87 4.16 0.00	90.54 5.76 0.00	87.09 6.67 0.00	85.57 5.97 0.00	77.62 5.62 0.00	68.68 5.15 0.00	59.95 3.87 0.00	55.16 3.70 0.00
NUCOR_STEEL___DRP 24197	51.88 0.62 0.00	46.56 0.19 0.00	44.31 0.09 0.00	42.63 0.00 0.00	43.16 0.00 0.00	46.06 0.00 0.00	48.96 0.15 0.00	50.24 -0.05 0.00	52.24 -0.10 0.00	53.19 0.00 0.00	51.51 -0.16 0.00	56.29 0.17 0.00	56.86 0.28 0.00	61.23 0.43 0.00	62.97 0.50 0.00	65.37 0.71 0.00	72.79 1.08 0.00	86.98 2.20 0.00	82.75 2.33 0.00	81.75 2.15 0.00	73.51 1.51 0.00	65.00 1.46 0.00	56.86 0.79 0.00	52.07 0.62 0.00
NUMBER_THREE_WT_PWR 323818	53.05 1.79 0.00	47.90 1.53 0.00	45.59 1.37 0.00	43.87 1.24 0.00	44.54 1.38 0.00	47.57 1.52 0.00	50.77 1.95 0.00	52.25 1.96 0.00	54.17 1.83 0.00	54.84 1.65 0.00	52.29 0.62 0.00	56.91 0.79 0.00	57.20 0.62 0.00	61.54 0.73 0.00	62.85 0.38 0.00	64.91 0.26 0.00	72.36 0.64 0.00	86.31 1.53 0.00	82.50 2.09 0.00	82.31 2.71 0.00	75.46 3.46 0.00	66.84 3.30 0.00	58.54 2.46 0.00	53.51 2.06 0.00
NYISO_LBMP_REFERENCE 24008	51.26 0.00 0.00	46.37 0.00 0.00	44.22 0.00 0.00	42.63 0.00 0.00	43.16 0.00 0.00	46.06 0.00 0.00	48.82 0.00 0.00	50.29 0.00 0.00	52.34 0.00 0.00	53.19 0.00 0.00	51.67 0.00 0.00	56.13 0.00 0.00	56.58 0.00 0.00	60.81 0.00 0.00	62.47 0.00 0.00	64.66 0.00 0.00	71.72 0.00 0.00	84.78 0.00 0.00	80.42 0.00 0.00	79.60 0.00 0.00	72.00 0.00 0.00	63.54 0.00 0.00	56.08 0.00 0.00	51.45 0.00 0.00
NYPA_BRENTWD____GT 24164	59.54 4.77 -3.51	53.69 5.19 -2.13	52.44 4.78 -3.44	48.15 4.47 -1.04	48.88 4.49 -1.22	51.20 4.88 -0.26	54.00 5.17 -0.01	55.28 4.98 -0.01	57.85 4.55 -0.95	62.90 4.36 -5.35	58.39 4.34 -2.38	89.49 4.72 -28.65	99.59 4.53 -38.48	104.58 4.68 -39.09	107.83 5.00 -40.36	112.24 6.08 -41.51	124.87 6.46 -46.70	140.05 8.39 -46.88	132.22 7.72 -44.08	132.15 5.97 -46.58	113.46 5.19 -36.27	113.52 4.13 -45.85	61.26 4.15 -1.03	55.58 4.12 -0.01

NYPA_GOWANUS____GT5 24156	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.87 5.17 0.01	91.47 6.70 0.01	86.44 6.03 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.43 3.05 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NYPA_GOWANUS____GT6 24157	54.64 3.38 0.00	50.37 3.99 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.31 3.15 0.00	49.56 3.50 0.00	52.28 3.47 0.00	53.52 3.22 0.00	55.26 2.93 0.01	56.32 3.14 0.01	55.49 3.82 0.00	59.55 3.31 -0.11	59.97 3.39 0.01	64.75 3.77 -0.18	67.32 4.12 -0.73	69.69 5.05 0.01	76.87 5.17 0.01	91.47 6.70 0.01	86.44 6.03 0.01	83.97 4.38 0.01	75.81 3.81 0.01	62.43 3.05 4.16	59.33 3.25 0.00	54.85 3.40 0.00
NYPA_HARLEM__RVR__GT1 24160	54.65 3.38 -0.01	50.18 3.80 -0.01	47.68 3.45 -0.01	45.84 3.20 -0.01	46.28 3.11 -0.01	49.56 3.50 -0.01	52.44 3.61 -0.01	53.66 3.37 0.00	55.43 3.09 0.00	56.43 3.25 0.00	55.55 3.88 0.00	59.39 3.14 -0.12	59.80 3.22 0.00	64.57 3.59 -0.18	67.14 3.94 -0.73	69.43 4.78 0.01	76.59 4.88 0.01	91.13 6.36 0.01	86.04 5.63 0.01	83.57 3.98 0.01	75.45 3.46 0.01	66.32 2.79 0.01	59.11 3.03 -0.01	54.76 3.30 -0.01
NYPA_HARLEM__RVR__GT2 24161	54.65 3.38 -0.01	50.18 3.80 -0.01	47.68 3.45 -0.01	45.84 3.20 -0.01	46.28 3.11 -0.01	49.56 3.50 -0.01	52.44 3.61 -0.01	53.66 3.37 0.00	55.43 3.09 0.00	56.43 3.25 0.00	55.55 3.88 0.00	59.39 3.14 -0.12	59.80 3.22 0.00	64.57 3.59 -0.18	67.14 3.94 -0.73	69.43 4.78 0.01	76.59 4.88 0.01	91.13 6.36 0.01	86.04 5.63 0.01	83.57 3.98 0.01	75.45 3.46 0.01	66.32 2.79 0.01	59.11 3.03 -0.01	54.76 3.30 -0.01
NYPA_KENT____GT 24152	54.64 3.38 0.00	50.23 3.85 -0.01	47.63 3.41 -0.01	45.84 3.20 -0.01	46.23 3.06 0.00	49.47 3.41 0.00	52.28 3.47 0.00	53.56 3.27 0.00	55.38 3.03 0.00	56.38 3.19 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.63 3.65 -0.18	67.20 4.00 -0.73	69.52 4.91 0.04	75.34 5.02 1.39	88.88 6.44 2.34	79.97 5.87 6.31	76.86 4.14 6.88	71.73 3.60 3.86	62.30 2.92 4.16	59.16 3.08 0.00	54.75 3.30 0.00
NYPA_POUCH1____GT 24155	54.49 3.23 0.00	50.32 3.94 -0.01	47.72 3.49 -0.01	45.92 3.28 -0.01	46.27 3.11 0.00	49.51 3.46 0.00	52.18 3.37 0.00	53.36 3.07 0.00	54.36 2.67 0.65	54.47 2.82 1.54	55.18 3.52 0.00	55.61 3.03 3.55	56.33 3.05 3.30	58.43 3.46 5.84	63.81 3.81 2.47	66.71 4.72 2.66	72.13 4.81 4.39	84.71 6.27 6.34	76.46 5.63 9.59	65.35 3.98 18.23	61.44 3.46 14.02	62.30 2.92 4.16	59.22 3.14 0.00	54.70 3.24 0.00
NYPA_VERNON____GT2 24162	54.59 3.33 0.00	50.13 3.75 -0.01	47.55 3.32 -0.01	45.75 3.11 -0.01	46.18 3.02 0.00	49.42 3.36 0.00	52.23 3.42 0.00	53.56 3.27 0.00	55.43 3.09 0.00	56.44 3.25 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.63 3.65 -0.18	67.14 3.94 -0.73	69.36 4.78 0.08	73.81 4.88 2.78	86.46 6.36 4.68	73.51 5.71 12.61	69.82 3.98 13.76	67.74 3.46 7.72	62.17 2.79 4.16	58.99 2.91 0.00	54.64 3.19 0.00
NYPA_VERNON____GT3 24163	54.59 3.33 0.00	50.13 3.75 -0.01	47.55 3.32 -0.01	45.75 3.11 -0.01	46.18 3.02 0.00	49.42 3.36 0.00	52.23 3.42 0.00	53.56 3.27 0.00	55.43 3.09 0.00	56.44 3.25 0.00	55.49 3.82 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.63 3.65 -0.18	67.14 3.94 -0.73	69.36 4.78 0.08	73.81 4.88 2.78	86.46 6.36 4.68	73.51 5.71 12.61	69.82 3.98 13.76	67.74 3.46 7.72	62.17 2.79 4.16	58.99 2.91 0.00	54.64 3.19 0.00
NYPA____ASTORIA_CC1 323568	54.44 3.18 0.00	50.09 3.71 -0.01	47.50 3.27 -0.01	45.71 3.07 -0.01	46.14 2.98 0.00	49.38 3.32 0.00	52.14 3.32 0.00	53.46 3.17 0.00	55.27 2.93 0.00	56.27 3.08 0.00	55.34 3.67 0.00	59.33 3.08 -0.12	59.75 3.17 0.00	64.39 3.40 -0.18	66.88 3.68 -0.73	69.15 4.59 0.09	73.04 4.66 3.34	85.18 6.02 5.62	70.74 5.47 15.14	66.83 3.74 16.52	65.90 3.16 9.27	61.92 2.54 4.16	58.88 2.80 0.00	54.54 3.09 0.00
NYPA____ASTORIA_CC2 323569	54.44 3.18 0.00	50.09 3.71 -0.01	47.50 3.27 -0.01	45.71 3.07 -0.01	46.14 2.98 0.00	49.38 3.32 0.00	52.14 3.32 0.00	53.46 3.17 0.00	55.27 2.93 0.00	56.27 3.08 0.00	55.34 3.67 0.00	59.33 3.08 -0.12	59.75 3.17 0.00	64.39 3.40 -0.18	66.88 3.68 -0.73	69.15 4.59 0.09	73.04 4.66 3.34	85.18 6.02 5.62	70.74 5.47 15.14	66.83 3.74 16.52	65.90 3.16 9.27	61.92 2.54 4.16	58.88 2.80 0.00	54.54 3.09 0.00
NYPA____HOLTSVILL 23794	58.59 4.46 -2.87	53.42 4.91 -2.14	52.13 4.46 -3.44	47.89 4.22 -1.04	48.62 4.23 -1.22	50.93 4.61 -0.26	53.70 4.88 -0.01	54.99 4.68 -0.02	57.48 4.34 -0.80	61.50 4.04 -4.27	67.05 4.18 -11.20	194.77 4.49 -134.15	223.54 4.42 -162.54	248.47 4.68 -182.98	247.86 5.00 -180.39	259.61 6.01 -188.94	282.87 6.31 -204.84	310.42 8.14 -217.50	293.17 7.48 -205.27	302.66 5.81 -217.25	242.59 5.11 -165.48	281.02 4.19 -213.29	64.79 3.87 -4.84	54.77 3.71 0.39
NYPA____HELLGATE_GT1 24158	54.65 3.38 -0.01	50.18 3.80 -0.01	47.68 3.45 -0.01	45.84 3.20 -0.01	46.28 3.11 -0.01	49.56 3.50 -0.01	52.44 3.61 -0.01	53.66 3.37 0.00	55.43 3.09 0.00	56.43 3.25 0.00	55.55 3.88 0.00	59.39 3.14 -0.12	59.80 3.22 0.00	64.57 3.59 -0.18	67.14 3.94 -0.73	69.43 4.78 0.01	76.59 4.88 0.01	91.13 6.36 0.01	86.04 5.63 0.01	83.57 3.98 0.01	75.45 3.46 0.01	66.32 2.79 0.01	59.11 3.03 -0.01	54.76 3.30 -0.01
NYPA____HELLGATE_GT2 24159	54.65 3.38 -0.01	50.18 3.80 -0.01	47.68 3.45 -0.01	45.84 3.20 -0.01	46.28 3.11 -0.01	49.56 3.50 -0.01	52.44 3.61 -0.01	53.66 3.37 0.00	55.43 3.09 0.00	56.43 3.25 0.00	55.55 3.88 0.00	59.39 3.14 -0.12	59.80 3.22 0.00	64.57 3.59 -0.18	67.14 3.94 -0.73	69.43 4.78 0.01	76.59 4.88 0.01	91.13 6.36 0.01	86.04 5.63 0.01	83.57 3.98 0.01	75.45 3.46 0.01	66.32 2.79 0.01	59.11 3.03 -0.01	54.76 3.30 -0.01
NYS_BARGE____HYD 23848	50.75 -0.51 0.00	44.51 -1.86 0.00	42.23 -1.99 0.00	40.11 -2.52 0.00	40.75 -2.42 0.00	43.66 -2.40 0.00	46.52 -2.29 0.00	46.77 -3.52 0.00	48.99 -3.35 0.00	49.94 -3.25 0.00	49.04 -2.63 0.00	54.22 -1.91 0.00	55.67 -0.91 0.00	60.14 -0.67 0.00	61.97 -0.50 0.00	64.21 -0.45 0.00	71.43 -0.29 0.00	85.71 0.93 0.00	81.63 1.21 0.00	80.08 0.48 0.00	71.64 -0.36 0.00	63.28 -0.25 0.00	55.07 -1.01 0.00	51.40 -0.05 0.00
OAK ORCHARD____HYD 24046	51.36 0.10 0.00	45.54 -0.83 0.00	43.25 -0.97 0.00	41.48 -1.15 0.00	42.04 -1.12 0.00	44.82 -1.24 0.00	47.89 -0.93 0.00	48.94 -1.36 0.00	51.24 -1.10 0.00	52.29 -0.90 0.00	51.00 -0.67 0.00	56.07 -0.06 0.00	57.03 0.45 0.00	61.48 0.67 0.00	63.28 0.81 0.00	65.82 1.17 0.00	73.22 1.51 0.00	87.74 2.97 0.00	83.31 2.89 0.00	82.07 2.47 0.00	73.52 1.51 0.00	64.87 1.34 0.00	56.58 0.50 0.00	52.17 0.72 0.00

OAKDALE___35_KV_LOAD 356122	52.13 0.87 0.00	46.70 0.32 0.00	44.49 0.27 0.00	42.80 0.17 0.00	43.38 0.22 0.00	46.29 0.23 0.00	49.21 0.39 0.00	50.29 0.00 0.00	52.39 0.05 0.00	53.46 0.27 0.00	51.98 0.31 0.00	56.74 0.62 0.00	57.37 0.79 0.00	61.90 1.09 0.00	63.59 1.12 0.00	66.01 1.36 0.00	73.44 1.72 0.00	87.49 2.71 0.00	83.23 2.81 0.00	81.91 2.31 0.00	73.73 1.73 0.00	65.00 1.46 0.00	56.81 0.73 0.00	52.17 0.72 0.00
OCC_CHEM___DRP 24175	49.52 -1.74 0.00	43.45 -2.92 0.00	41.26 -2.96 0.00	39.90 -2.73 0.00	40.57 -2.59 0.00	43.16 -2.90 0.00	45.64 -3.17 0.00	45.92 -4.38 0.00	48.31 -4.03 0.00	49.20 -3.99 0.00	48.31 -3.36 0.00	53.26 -2.86 0.00	54.54 -2.04 0.00	59.04 -1.76 0.00	60.84 -1.62 0.00	62.91 -1.75 0.00	69.92 -1.79 0.00	83.68 -1.10 0.00	79.77 -0.64 0.00	78.25 -1.35 0.00	70.06 -1.94 0.00	61.95 -1.59 0.00	54.17 -1.91 0.00	49.81 -1.65 0.00
OH_GEN_PROXY 24063	50.13 -1.13 0.00	44.05 -2.32 0.00	41.83 -2.39 0.00	40.11 -2.52 0.00	40.66 -2.50 0.00	43.25 -2.81 0.00	45.56 -2.54 0.71	47.39 -3.62 -0.71	49.05 -3.30 0.00	50.00 -3.19 0.00	49.04 -2.63 0.00	54.22 -1.91 0.00	55.39 -1.19 0.00	59.77 -1.03 0.00	61.59 -0.87 0.00	63.81 -0.84 0.00	72.73 -0.65 -1.66	83.46 0.34 1.66	80.98 0.57 0.00	79.52 -0.08 0.00	71.21 -0.79 0.00	63.75 -0.70 -0.91	57.10 -1.35 -2.37	47.61 -0.56 3.28
OLIN_CORP_DRP 24177	50.34 -0.92 0.00	44.15 -2.23 0.00	41.88 -2.34 0.00	39.56 -3.07 0.00	40.27 -2.89 0.00	42.83 -3.22 0.00	46.13 -2.68 0.00	46.17 -4.12 0.00	48.26 -4.08 0.00	49.20 -3.99 0.00	48.26 -3.41 0.00	53.26 -2.86 0.00	54.77 -1.81 0.00	59.29 -1.52 0.00	61.16 -1.31 0.00	63.30 -1.36 0.00	70.50 -1.22 0.00	84.27 -0.51 0.00	80.42 0.00 0.00	78.96 -0.64 0.00	70.63 -1.37 0.00	62.39 -1.14 0.00	54.45 -1.63 0.00	50.06 -1.39 0.00
OLIN_CORP_DSASP 323712	49.52 -1.74 0.00	43.45 -2.92 0.00	41.26 -2.96 0.00	40.07 -2.56 0.00	40.57 -2.59 0.00	42.60 -3.46 0.00	45.59 -3.22 0.00	45.97 -4.33 0.00	48.31 -4.03 0.00	49.25 -3.94 0.00	48.36 -3.31 0.00	53.43 -2.69 0.00	54.72 -1.87 0.00	59.04 -1.77 0.00	60.84 -1.62 0.00	62.91 -1.74 0.00	69.99 -1.72 0.00	83.85 -0.93 0.00	79.77 -0.65 0.00	78.33 -1.28 0.00	70.06 -1.94 0.00	61.95 -1.59 0.00	54.06 -2.02 0.00	50.32 -1.13 0.00
ONEIDA_HERK_LFGE 323681	52.95 1.69 0.00	47.76 1.39 0.00	45.50 1.28 0.00	43.78 1.15 0.00	44.42 1.25 0.00	47.44 1.38 0.00	50.52 1.71 0.00	52.05 1.76 0.00	54.02 1.67 0.00	54.78 1.59 0.00	52.80 1.14 0.00	57.47 1.34 0.00	57.82 1.24 0.00	62.21 1.40 0.00	63.72 1.25 0.00	66.02 1.36 0.00	73.51 1.79 0.00	87.66 2.88 0.00	83.47 3.06 0.00	82.79 3.19 0.00	75.24 3.24 0.00	66.46 2.92 0.00	58.21 2.13 0.00	53.25 1.80 0.00
ONEIDA___115KV_TB4 55905	53.11 1.85 0.00	47.81 1.44 0.00	45.55 1.33 0.00	43.82 1.19 0.00	44.41 1.25 0.00	47.44 1.38 0.00	50.52 1.71 0.00	51.95 1.66 0.00	53.96 1.62 0.00	54.84 1.65 0.00	53.12 1.45 0.00	57.92 1.80 0.00	58.34 1.75 0.00	62.75 1.95 0.00	64.34 1.87 0.00	66.72 2.07 0.00	74.37 2.65 0.00	88.85 4.07 0.00	84.60 4.18 0.00	83.66 4.06 0.00	75.53 3.53 0.00	66.71 3.18 0.00	58.27 2.19 0.00	53.36 1.90 0.00
ONONDAGA_REF_OCCRA 23987	51.36 0.10 0.00	46.19 -0.19 0.00	43.95 -0.27 0.00	42.33 -0.30 0.00	42.86 -0.30 0.00	45.73 -0.32 0.00	48.62 -0.20 0.00	49.99 -0.30 0.00	51.97 -0.37 0.00	52.92 -0.27 0.00	51.31 -0.36 0.00	56.01 -0.11 0.00	56.52 -0.06 0.00	60.87 0.06 0.00	62.53 0.06 0.00	64.91 0.26 0.00	72.22 0.50 0.00	86.05 1.27 0.00	81.70 1.29 0.00	80.72 1.11 0.00	72.72 0.72 0.00	64.17 0.64 0.00	56.25 0.17 0.00	51.56 0.10 0.00
ONONDAGA___COGEN 23986	51.41 0.15 0.00	46.23 -0.14 0.00	44.00 -0.22 0.00	42.33 -0.30 0.00	42.90 -0.26 0.00	45.78 -0.28 0.00	48.67 -0.15 0.00	49.99 -0.30 0.00	51.97 -0.37 0.00	52.92 -0.27 0.00	51.26 -0.41 0.00	55.96 -0.17 0.00	56.47 -0.11 0.00	60.81 0.00 0.00	62.47 0.00 0.00	64.85 0.19 0.00	72.15 0.43 0.00	85.97 1.19 0.00	81.62 1.21 0.00	80.64 1.03 0.00	72.65 0.65 0.00	64.17 0.64 0.00	56.25 0.17 0.00	51.56 0.10 0.00
ONTARIO___LFGE 23819	52.18 0.92 0.00	46.65 0.28 0.00	44.35 0.13 0.00	42.59 -0.04 0.00	43.21 0.04 0.00	46.10 0.05 0.00	49.25 0.44 0.00	50.19 -0.10 0.00	52.18 -0.16 0.00	53.08 -0.11 0.00	51.51 -0.15 0.00	56.63 0.50 0.00	57.48 0.90 0.00	62.08 1.28 0.00	63.84 1.37 0.00	66.40 1.75 0.00	74.08 2.36 0.00	88.76 3.99 0.00	84.68 4.26 0.00	83.42 3.82 0.00	74.81 2.81 0.00	66.01 2.48 0.00	57.31 1.23 0.00	52.69 1.23 0.00
ORANGEVILLE_WT_PWR 323706	51.62 0.36 0.00	45.49 -0.88 0.00	43.16 -1.06 0.00	41.31 -1.32 0.00	41.91 -1.25 0.00	44.72 -1.34 0.00	47.69 -1.12 0.00	48.03 -2.26 0.00	50.14 -2.20 0.00	51.01 -2.18 0.00	49.91 -1.76 0.00	55.12 -1.01 0.00	56.41 -0.17 0.00	61.05 0.24 0.00	62.91 0.44 0.00	65.30 0.65 0.00	72.79 1.08 0.00	87.41 2.63 0.00	83.07 2.65 0.00	81.99 2.39 0.00	73.44 1.44 0.00	64.74 1.20 0.00	56.19 0.11 0.00	52.12 0.67 0.00
ORANGEVILLE___ESR 323794	51.62 0.36 0.00	45.49 -0.88 0.00	43.16 -1.06 0.00	41.31 -1.32 0.00	41.91 -1.25 0.00	44.72 -1.34 0.00	47.69 -1.12 0.00	48.03 -2.26 0.00	50.14 -2.20 0.00	51.01 -2.18 0.00	49.91 -1.76 0.00	55.12 -1.01 0.00	56.41 -0.17 0.00	61.05 0.24 0.00	62.91 0.44 0.00	65.30 0.65 0.00	72.79 1.08 0.00	87.41 2.63 0.00	83.07 2.65 0.00	81.99 2.39 0.00	73.44 1.44 0.00	64.74 1.20 0.00	56.19 0.11 0.00	52.12 0.67 0.00
OSWEGATCHIE___HYD 24044	52.03 0.77 0.00	47.07 0.70 0.00	44.88 0.66 0.00	43.18 0.55 0.00	43.90 0.73 0.00	46.84 0.78 0.00	49.94 1.12 0.00	51.55 1.26 0.00	53.55 1.20 0.00	54.20 1.01 0.00	51.93 0.26 0.00	56.29 0.17 0.00	56.69 0.11 0.00	60.93 0.12 0.00	62.10 -0.37 0.00	63.56 -1.10 0.00	70.64 -1.07 0.00	83.17 -1.61 0.00	79.69 -0.73 0.00	79.84 0.24 0.00	73.30 1.30 0.00	65.00 1.46 0.00	57.59 1.51 0.00	52.69 1.23 0.00
OSWEGO___5 23606	50.34 -0.92 0.00	45.35 -1.02 0.00	43.20 -1.02 0.00	41.61 -1.02 0.00	42.13 -1.04 0.00	44.95 -1.11 0.00	47.74 -1.07 0.00	49.04 -1.26 0.00	50.98 -1.36 0.00	51.91 -1.28 0.00	50.28 -1.39 0.00	54.78 -1.35 0.00	55.17 -1.41 0.00	59.35 -1.46 0.00	61.03 -1.43 0.00	63.29 -1.36 0.00	70.35 -1.36 0.00	83.67 -1.10 0.00	79.37 -1.05 0.00	78.56 -1.04 0.00	70.85 -1.15 0.00	62.65 -0.89 0.00	55.01 -1.07 0.00	50.53 -0.92 0.00
OSWEGO___6 23613	50.34 -0.92 0.00	45.35 -1.02 0.00	43.20 -1.02 0.00	41.61 -1.02 0.00	42.13 -1.04 0.00	44.95 -1.11 0.00	47.74 -1.07 0.00	49.04 -1.26 0.00	50.98 -1.36 0.00	51.91 -1.28 0.00	50.28 -1.39 0.00	54.78 -1.35 0.00	55.17 -1.41 0.00	59.35 -1.46 0.00	61.03 -1.43 0.00	63.29 -1.36 0.00	70.35 -1.36 0.00	83.67 -1.10 0.00	79.37 -1.05 0.00	78.56 -1.04 0.00	70.85 -1.15 0.00	62.65 -0.89 0.00	55.01 -1.07 0.00	50.53 -0.92 0.00

OUTOKUMPU-AB___DRP 24206	51.06 -0.21 0.00	44.75 -1.62 0.00	42.45 -1.77 0.00	40.63 -2.00 0.00	41.35 -1.81 0.00	43.98 -2.07 0.00	46.91 -1.90 0.00	47.23 -3.07 0.00	49.67 -2.67 0.00	50.64 -2.55 0.00	49.65 -2.02 0.00	54.84 -1.29 0.00	56.13 -0.45 0.00	60.93 0.12 0.00	62.84 0.37 0.00	64.85 0.19 0.00	72.00 0.29 0.00	86.14 1.36 0.00	82.19 1.77 0.00	80.56 0.96 0.00	72.00 0.00 0.00	63.73 0.19 0.00	55.74 -0.34 0.00	51.25 -0.21 0.00
OXBOW___BTM 323836	50.39 -0.87 0.00	44.19 -2.18 0.00	41.92 -2.30 0.00	40.50 -2.13 0.00	41.05 -2.11 0.00	43.34 -2.72 0.00	46.33 -2.49 0.00	46.72 -3.57 0.00	49.10 -3.25 0.00	50.05 -3.14 0.00	49.14 -2.53 0.00	54.39 -1.74 0.00	55.67 -0.91 0.00	60.14 -0.67 0.00	62.03 -0.43 0.00	64.07 -0.58 0.00	70.86 -0.86 0.00	84.86 0.08 0.00	80.74 0.32 0.00	79.28 -0.32 0.00	70.85 -1.15 0.00	62.96 -0.57 0.00	54.96 -1.12 0.00	51.20 -0.26 0.00
OXBOW___ 24026	50.39 -0.87 0.00	44.19 -2.18 0.00	41.92 -2.30 0.00	40.33 -2.30 0.00	41.05 -2.11 0.00	43.66 -2.39 0.00	46.37 -2.44 0.00	46.67 -3.62 0.00	49.10 -3.25 0.00	50.05 -3.14 0.00	49.09 -2.58 0.00	54.16 -1.96 0.00	55.51 -1.08 0.00	60.14 -0.67 0.00	62.03 -0.44 0.00	64.07 -0.58 0.00	70.78 -0.93 0.00	84.69 -0.08 0.00	80.74 0.32 0.00	79.20 -0.40 0.00	70.85 -1.15 0.00	63.03 -0.51 0.00	55.07 -1.01 0.00	50.63 -0.82 0.00
OXY_CHEM_DSASP 323612	49.52 -1.74 0.00	43.45 -2.92 0.00	41.26 -2.96 0.00	39.90 -2.73 0.00	40.57 -2.59 0.00	43.16 -2.90 0.00	45.64 -3.17 0.00	45.92 -4.38 0.00	48.31 -4.03 0.00	49.20 -3.99 0.00	48.31 -3.36 0.00	53.26 -2.86 0.00	54.54 -2.04 0.00	59.04 -1.76 0.00	60.84 -1.62 0.00	62.91 -1.75 0.00	69.92 -1.79 0.00	83.68 -1.10 0.00	79.77 -0.64 0.00	78.25 -1.35 0.00	70.06 -1.94 0.00	61.95 -1.59 0.00	54.17 -1.91 0.00	49.81 -1.65 0.00
OZONE_PARK_ESR 323760	55.41 4.15 0.00	50.41 4.03 0.00	47.80 3.58 0.00	45.95 3.33 0.00	46.40 3.24 0.00	49.65 3.59 0.00	52.67 3.86 0.00	54.22 3.92 0.00	56.32 3.98 0.00	57.18 3.99 0.00	56.01 4.34 0.00	60.63 4.38 -0.12	61.05 4.47 0.00	65.79 4.80 -0.18	68.33 5.12 -0.74	70.47 5.82 0.00	78.24 6.53 0.00	92.75 7.97 0.00	87.90 7.48 0.00	85.41 5.81 0.00	76.97 4.97 0.00	67.48 3.94 0.00	59.78 3.70 0.00	55.36 3.91 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	49.52 -1.74 0.00	43.45 -2.92 0.00	41.26 -2.96 0.00	39.90 -2.73 0.00	40.57 -2.59 0.00	43.16 -2.90 0.00	45.64 -3.17 0.00	45.92 -4.38 0.00	48.31 -4.03 0.00	49.20 -3.99 0.00	48.31 -3.36 0.00	53.26 -2.86 0.00	54.54 -2.04 0.00	59.04 -1.76 0.00	60.84 -1.62 0.00	62.91 -1.75 0.00	69.92 -1.79 0.00	83.68 -1.10 0.00	79.77 -0.64 0.00	78.25 -1.35 0.00	70.06 -1.94 0.00	61.95 -1.59 0.00	54.17 -1.91 0.00	49.81 -1.65 0.00
PACKARD___115KV_DUPONT_184 80571	49.52 -1.74 0.00	43.45 -2.92 0.00	41.26 -2.96 0.00	39.90 -2.73 0.00	40.57 -2.59 0.00	43.16 -2.90 0.00	45.64 -3.17 0.00	45.92 -4.38 0.00	48.31 -4.03 0.00	49.20 -3.99 0.00	48.31 -3.36 0.00	53.26 -2.86 0.00	54.54 -2.04 0.00	59.04 -1.76 0.00	60.84 -1.62 0.00	62.91 -1.75 0.00	69.92 -1.79 0.00	83.68 -1.10 0.00	79.77 -0.64 0.00	78.25 -1.35 0.00	70.06 -1.94 0.00	61.95 -1.59 0.00	54.17 -1.91 0.00	49.81 -1.65 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	54.75 3.49 -0.01	50.22 3.85 0.00	47.67 3.45 0.00	45.87 3.24 0.00	46.28 3.11 -0.01	49.52 3.45 -0.01	52.29 3.47 -0.01	53.51 3.22 0.00	55.32 2.98 0.00	56.27 3.09 0.00	55.44 3.77 0.00	59.50 3.26 -0.12	59.86 3.28 0.00	64.58 3.59 -0.18	67.08 3.87 -0.74	69.04 4.40 0.01	76.58 4.88 0.01	90.87 6.10 0.01	86.04 5.63 0.01	83.65 4.06 0.01	75.45 3.46 0.01	66.26 2.73 0.01	58.95 2.86 -0.01	54.86 3.40 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	55.68 4.41 -0.01	51.05 4.68 0.00	48.42 4.20 0.00	46.59 3.96 0.00	47.01 3.84 -0.01	50.30 4.24 -0.01	53.07 4.25 -0.01	54.32 4.02 0.00	56.11 3.77 0.00	57.07 3.88 0.00	56.22 4.55 0.00	60.40 4.15 -0.12	60.71 4.13 0.00	65.55 4.56 -0.18	68.08 4.87 -0.74	70.08 5.43 0.01	77.80 6.10 0.01	92.32 7.55 0.01	87.49 7.08 0.01	85.09 5.49 0.01	76.74 4.75 0.01	67.40 3.88 0.01	59.96 3.87 -0.01	55.78 4.32 -0.01
PATROON___115KV_TB1 80586	52.64 1.38 0.00	47.67 1.30 0.00	45.41 1.19 0.00	43.82 1.19 0.00	44.37 1.21 0.00	47.39 1.34 0.00	50.08 1.27 0.00	51.45 1.16 0.00	53.49 1.15 0.00	54.25 1.06 0.00	52.65 0.98 0.00	57.04 1.01 0.10	57.43 0.85 0.00	61.33 0.67 0.15	62.63 0.75 0.59	65.88 1.23 0.00	73.15 1.43 0.00	86.90 2.12 0.00	82.67 2.25 0.00	80.96 1.35 0.00	73.23 1.22 0.00	64.55 1.02 0.00	56.64 0.56 0.00	52.28 0.82 0.00
PATTRSNVILLE___SOLAR 323815	53.57 2.31 0.00	48.41 2.04 0.00	46.16 1.94 0.00	44.55 1.92 0.00	45.11 1.94 0.00	48.22 2.17 0.00	50.96 2.15 0.00	52.25 1.96 0.00	54.17 1.83 0.00	54.84 1.65 0.00	53.17 1.50 0.00	57.50 1.46 0.08	57.94 1.36 0.00	62.02 1.34 0.12	63.43 1.44 0.48	66.72 2.07 0.00	74.08 2.36 0.00	88.34 3.56 0.00	84.28 3.86 0.00	83.10 3.50 0.00	75.31 3.31 0.00	66.46 2.92 0.00	58.32 2.25 0.00	53.61 2.16 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	51.41 0.15 0.00	45.17 -1.21 0.00	42.80 -1.42 0.00	40.75 -1.88 0.00	41.52 -1.64 0.00	44.26 -1.80 0.00	47.40 -1.42 0.00	47.68 -2.62 0.00	50.09 -2.25 0.00	51.01 -2.18 0.00	50.07 -1.60 0.00	55.28 -0.84 0.00	56.58 0.00 0.00	61.47 0.67 0.00	63.41 0.94 0.00	65.69 1.03 0.00	73.36 1.65 0.00	87.75 2.97 0.00	83.71 3.30 0.00	81.99 2.39 0.00	73.23 1.22 0.00	64.55 1.02 0.00	55.97 -0.11 0.00	51.61 0.15 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	54.75 3.49 0.00	49.66 3.29 0.00	47.18 2.96 0.00	45.40 2.77 0.00	45.88 2.72 0.00	49.10 3.04 0.00	52.09 3.27 0.00	53.56 3.27 0.00	55.59 3.25 0.00	56.49 3.30 0.00	55.13 3.46 0.00	59.77 3.54 -0.11	60.15 3.56 0.00	64.86 3.89 -0.16	67.24 4.12 -0.65	69.31 4.66 0.00	77.02 5.31 0.00	91.82 7.04 0.00	87.01 6.59 0.00	84.86 5.25 0.00	76.47 4.46 0.00	67.03 3.49 0.00	59.16 3.08 0.00	54.75 3.29 0.00
PEEKSKILL___ 23653	54.18 2.92 0.00	49.29 2.92 0.00	46.83 2.61 0.00	45.06 2.43 0.00	45.58 2.42 0.00	48.73 2.67 0.00	51.65 2.83 0.00	53.11 2.81 0.00	55.17 2.82 0.00	56.01 2.82 0.00	54.72 3.05 0.00	59.27 3.03 -0.12	59.69 3.11 0.00	64.39 3.40 -0.18	66.88 3.68 -0.72	69.18 4.52 0.00	76.45 4.73 0.00	91.14 6.36 0.00	86.21 5.79 0.00	83.82 4.22 0.00	75.60 3.60 0.00	66.33 2.79 0.00	58.49 2.41 0.00	53.97 2.52 0.00
PGE MADISON___WINDPWR 24146	55.92 4.66 0.00	50.13 3.75 0.00	47.67 3.45 0.00	45.83 3.20 0.00	46.53 3.37 0.00	49.79 3.73 0.00	53.36 4.54 0.00	54.67 4.37 0.00	56.43 4.09 0.00	57.29 4.10 0.00	55.49 3.82 0.00	60.73 4.60 0.00	61.16 4.58 0.00	65.91 5.11 0.00	67.40 4.93 0.00	70.28 5.62 0.00	78.60 6.89 0.00	95.12 10.34 0.00	91.03 10.61 0.00	90.03 10.43 0.00	80.93 8.93 0.00	71.41 7.88 0.00	61.58 5.50 0.00	56.29 4.84 0.00

PIERCEFIELD___HYD 23852	51.00 -0.26 0.00	46.37 0.00 0.00	44.26 0.04 0.00	42.63 0.00 0.00	43.34 0.17 0.00	46.20 0.14 0.00	49.16 0.34 0.00	50.90 0.60 0.00	52.97 0.63 0.00	53.67 0.48 0.00	51.98 0.31 0.00	56.13 0.00 0.00	56.69 0.11 0.00	60.87 0.06 0.00	61.97 -0.50 0.00	63.17 -1.49 0.00	69.71 -2.01 0.00	81.90 -2.88 0.00	77.44 -2.98 0.00	77.93 -1.67 0.00	71.14 -0.86 0.00	63.15 -0.38 0.00	56.64 0.56 0.00	51.86 0.41 0.00
PINELAWN_CC_1 323563	59.03 4.62 -3.16	53.28 4.78 -2.13	52.04 4.38 -3.44	47.81 4.13 -1.04	48.49 4.10 -1.22	50.79 4.47 -0.26	53.56 4.73 -0.01	54.88 4.58 -0.01	56.89 4.40 -0.16	58.20 4.15 -0.86	56.75 4.34 -0.74	69.81 4.66 -9.02	80.87 4.69 -19.60	78.17 5.04 -12.32	83.66 5.37 -15.81	86.60 6.46 -15.48	99.23 6.89 -20.63	109.52 8.98 -15.76	103.22 8.28 -14.51	101.40 6.60 -15.19	91.12 5.76 -13.36	83.37 4.64 -15.20	62.25 4.21 -1.97	55.31 4.02 0.16
PJM_GEN_HTTP_PROXY 323702	54.64 3.38 0.00	49.80 3.43 0.00	47.27 3.05 0.00	45.44 2.81 0.00	45.93 2.76 0.00	49.14 3.09 0.00	51.42 3.32 0.71	54.33 3.32 -0.71	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.84 3.60 -0.12	60.26 3.68 0.00	65.00 4.01 -0.18	67.51 4.31 -0.74	69.96 5.30 0.00	78.83 5.45 -1.66	90.07 6.95 1.66	86.69 6.28 0.00	84.14 4.53 0.00	75.89 3.89 0.00	67.56 3.11 -0.91	61.36 2.91 -2.37	51.21 3.03 3.28
PJM_GEN_KEystone 24065	52.49 1.23 0.00	47.11 0.74 0.00	44.75 0.53 0.00	42.93 0.30 0.00	43.47 0.30 0.00	46.47 0.41 0.00	48.69 0.59 0.71	51.16 0.15 -0.71	52.56 0.26 0.05	53.35 0.27 0.11	52.29 0.62 0.00	56.83 0.90 0.19	57.59 1.24 0.23	62.00 1.52 0.32	64.33 1.69 -0.17	66.73 2.26 0.19	75.58 2.51 -1.36	86.57 3.90 2.11	83.37 3.62 0.67	80.80 2.47 1.28	72.82 1.80 0.98	65.13 1.34 -0.25	59.12 0.68 -2.37	49.20 1.03 3.28
PJM_GEN_NEPTUNE_PROXY 323594	55.31 3.79 -0.25	52.35 3.85 -2.13	51.16 3.49 -3.44	46.96 3.28 -1.04	47.63 3.24 -1.22	49.87 3.55 -0.26	51.92 3.81 0.71	54.74 3.72 -0.72	55.90 3.56 0.00	56.54 3.35 0.00	55.28 3.62 0.00	60.02 3.76 -0.13	61.34 3.79 -0.96	65.07 4.07 -0.19	67.93 4.37 -1.09	70.29 5.30 -0.33	79.67 5.52 -2.44	90.47 7.20 1.51	87.12 6.60 -0.10	84.71 5.02 -0.09	76.66 4.39 -0.27	68.06 3.49 -1.03	61.93 3.31 -2.54	51.46 3.30 3.29
PJM_GEN_VFT_PROXY 323633	54.38 3.13 0.01	49.62 3.24 0.00	47.05 2.83 0.00	45.27 2.64 0.00	45.70 2.55 0.01	48.86 2.81 0.01	51.18 3.08 0.71	54.08 3.07 -0.71	54.73 3.03 0.65	54.68 3.03 1.54	55.07 3.41 0.01	55.77 3.20 3.55	56.55 3.28 3.31	58.48 3.53 5.85	63.80 3.81 2.48	66.77 4.78 2.67	73.86 4.88 2.73	83.04 6.27 8.01	76.45 5.63 9.60	65.26 3.90 18.24	61.29 3.31 14.02	57.65 2.61 8.49	61.07 2.64 -2.36	50.95 2.78 3.28
PLATSBURG_115KV_PMLD1 355749	50.34 -0.92 0.00	46.05 -0.32 0.00	44.00 -0.22 0.00	42.37 -0.26 0.00	42.95 -0.22 0.00	45.78 -0.28 0.00	48.52 -0.29 0.00	49.69 -0.60 0.00	51.45 -0.89 0.00	52.18 -1.01 0.00	51.10 -0.57 0.00	54.95 -1.18 0.00	55.51 -1.08 0.00	59.22 -1.58 0.00	60.66 -1.81 0.00	62.39 -2.26 0.00	68.99 -2.73 0.00	81.22 -3.56 0.00	76.56 -3.86 0.00	76.74 -2.87 0.00	69.70 -2.30 0.00	61.44 -2.10 0.00	54.96 -1.12 0.00	50.58 -0.87 0.00
PLEASANTVLY___LBMP 24000	53.82 2.56 0.00	48.87 2.50 0.00	46.48 2.26 0.00	44.76 2.13 0.00	45.28 2.11 0.00	48.41 2.35 0.00	51.21 2.39 0.00	52.66 2.36 0.00	54.70 2.36 0.00	55.53 2.34 0.00	54.15 2.48 0.00	58.68 2.41 -0.14	59.07 2.49 0.00	63.69 2.68 -0.21	66.17 2.87 -0.83	68.08 3.43 0.00	75.59 3.87 0.00	89.78 5.00 0.00	85.24 4.83 0.00	83.02 3.42 0.00	74.95 2.95 0.00	65.70 2.16 0.00	57.93 1.85 0.00	53.67 2.21 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	54.44 3.18 0.00	49.48 3.11 0.00	47.01 2.79 0.00	45.27 2.64 0.00	45.71 2.55 0.00	48.91 2.86 0.00	51.79 2.98 0.00	53.26 2.97 0.00	55.32 2.98 0.00	56.22 3.03 0.00	54.92 3.26 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.70 3.71 -0.19	67.21 4.00 -0.74	69.25 4.59 0.00	76.88 5.16 0.00	91.39 6.61 0.00	86.61 6.19 0.00	84.22 4.62 0.00	75.96 3.96 0.00	66.52 2.99 0.00	58.66 2.58 0.00	54.28 2.83 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	54.44 3.18 0.00	49.48 3.11 0.00	47.01 2.79 0.00	45.27 2.64 0.00	45.71 2.55 0.00	48.91 2.86 0.00	51.79 2.98 0.00	53.26 2.97 0.00	55.32 2.98 0.00	56.22 3.03 0.00	54.92 3.26 0.00	59.56 3.31 -0.12	59.98 3.39 0.00	64.70 3.71 -0.19	67.21 4.00 -0.74	69.25 4.59 0.00	76.88 5.16 0.00	91.39 6.61 0.00	86.61 6.19 0.00	84.22 4.62 0.00	75.96 3.96 0.00	66.52 2.99 0.00	58.66 2.58 0.00	54.28 2.83 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	54.18 2.92 0.00	49.20 2.83 0.00	46.78 2.56 0.00	45.02 2.39 0.00	45.49 2.33 0.00	48.68 2.63 0.00	51.55 2.73 0.00	53.06 2.77 0.00	55.06 2.72 0.00	55.90 2.71 0.00	54.46 2.79 0.00	58.88 2.75 0.00	59.41 2.83 0.00	63.85 3.04 0.00	65.59 3.12 0.00	68.41 3.75 0.00	76.02 4.30 0.00	90.54 5.76 0.00	85.97 5.55 0.00	83.82 4.22 0.00	75.60 3.60 0.00	66.33 2.80 0.00	58.55 2.47 0.00	54.23 2.78 0.00
POLETTI_____ 23519	54.70 3.43 0.00	49.80 3.43 0.00	47.27 3.05 0.00	45.44 2.81 0.00	45.93 2.76 0.00	49.10 3.04 0.00	52.04 3.22 0.00	53.56 3.27 0.00	55.64 3.30 0.00	56.49 3.30 0.00	55.29 3.62 0.00	59.78 3.54 -0.12	60.20 3.62 0.00	64.88 3.89 -0.18	67.39 4.19 -0.74	69.44 4.78 0.00	77.02 5.31 0.00	91.31 6.53 0.00	86.53 6.11 0.00	83.98 4.38 0.00	75.75 3.74 0.00	66.46 2.92 0.00	58.94 2.86 0.00	54.64 3.19 0.00
POMONA___ESR 323819	54.13 2.87 0.00	49.25 2.88 0.00	46.78 2.56 0.00	45.02 2.39 0.00	45.49 2.33 0.00	48.63 2.58 0.00	51.55 2.73 0.00	53.01 2.71 0.00	55.11 2.77 0.00	55.95 2.76 0.00	54.66 3.00 0.00	59.21 2.97 -0.11	59.63 3.05 0.00	64.38 3.40 -0.17	66.78 3.62 -0.69	69.18 4.52 0.00	76.45 4.73 0.00	91.14 6.36 0.00	86.21 5.79 0.00	83.82 4.22 0.00	75.60 3.60 0.00	66.33 2.79 0.00	58.43 2.35 0.00	53.92 2.47 0.00
PORT_JEFF_3 23555	58.75 4.56 -2.93	53.52 5.01 -2.14	52.26 4.60 -3.44	48.02 4.35 -1.04	48.70 4.32 -1.22	51.02 4.70 -0.26	53.80 4.98 -0.01	55.09 4.78 -0.02	57.61 4.45 -0.82	61.61 4.04 -4.38	67.38 4.03 -11.68	200.36 4.32 -139.91	230.24 4.25 -169.42	256.15 4.50 -190.84	255.35 4.81 -188.07	267.50 5.82 -197.02	291.36 6.09 -213.55	319.58 7.97 -226.84	301.82 7.32 -214.09	311.84 5.65 -226.59	249.46 4.90 -172.56	289.99 4.01 -222.45	64.83 3.76 -5.00	54.63 3.60 0.43
PORT_JEFF_4 23616	58.75 4.56 -2.93	53.52 5.01 -2.14	52.26 4.60 -3.44	48.02 4.35 -1.04	48.70 4.32 -1.22	51.02 4.70 -0.26	53.80 4.98 -0.01	55.09 4.78 -0.02	57.61 4.45 -0.82	61.61 4.04 -4.38	67.38 4.03 -11.68	200.36 4.32 -139.91	230.24 4.25 -169.42	256.15 4.50 -190.84	255.35 4.81 -188.07	267.50 5.82 -197.02	291.36 6.09 -213.55	319.58 7.97 -226.84	301.82 7.32 -214.09	311.84 5.65 -226.59	249.46 4.90 -172.56	289.99 4.01 -222.45	64.83 3.76 -5.00	54.63 3.60 0.43

PORT_JEFF_IC 23713	59.14 4.77 -3.11	53.61 5.10 -2.14	52.31 4.64 -3.44	48.11 4.43 -1.04	48.75 4.36 -1.22	51.11 4.79 -0.26	53.75 4.93 0.00	55.24 4.93 -0.01	57.58 4.34 -0.89	62.29 4.36 -4.74	69.27 4.13 -13.47	221.80 4.38 -161.30	255.75 4.30 -194.87	285.44 4.62 -220.02	283.92 4.87 -216.58	297.30 5.63 -227.02	323.81 6.24 -245.86	354.15 7.88 -261.48	334.62 7.40 -246.80	346.64 5.81 -261.22	275.81 4.97 -198.84	324.05 4.07 -256.44	65.13 3.48 -5.58	54.83 3.96 0.58
PPL PILGRIM_ST_GT1 24216	59.54 4.77 -3.51	53.69 5.19 -2.13	52.44 4.78 -3.44	48.15 4.47 -1.04	48.88 4.49 -1.22	51.20 4.88 -0.26	54.00 5.17 -0.01	55.28 4.98 -0.01	57.85 4.55 -0.95	62.90 4.36 -5.35	58.39 4.34 -2.38	89.49 4.72 -28.65	99.59 4.53 -38.48	104.58 4.68 -39.09	107.83 5.00 -40.36	112.24 6.08 -41.51	124.87 6.46 -46.70	140.05 8.39 -46.88	132.22 7.72 -44.08	132.15 5.97 -46.58	113.46 5.19 -36.27	113.52 4.13 -45.85	61.26 4.15 -1.03	55.58 4.12 -0.01
PPL PILGRIM_ST_GT2 24217	59.54 4.77 -3.51	53.69 5.19 -2.13	52.44 4.78 -3.44	48.15 4.47 -1.04	48.88 4.49 -1.22	51.20 4.88 -0.26	54.00 5.17 -0.01	55.28 4.98 -0.01	57.85 4.55 -0.95	62.90 4.36 -5.35	58.39 4.34 -2.38	89.49 4.72 -28.65	99.59 4.53 -38.48	104.58 4.68 -39.09	107.83 5.00 -40.36	112.24 6.08 -41.51	124.87 6.46 -46.70	140.05 8.39 -46.88	132.22 7.72 -44.08	132.15 5.97 -46.58	113.46 5.19 -36.27	113.52 4.13 -45.85	61.26 4.15 -1.03	55.58 4.12 -0.01
PPL_SHRM_GT3 24213	58.90 4.66 -2.98	53.52 5.01 -2.14	52.22 4.56 -3.44	47.98 4.30 -1.04	48.66 4.27 -1.22	50.97 4.65 -0.26	53.75 4.93 -0.01	55.09 4.78 -0.02	57.68 4.50 -0.84	61.89 4.26 -4.45	68.04 4.44 -11.93	203.89 4.88 -142.89	234.28 4.69 -173.00	260.57 4.87 -194.90	259.77 5.25 -192.05	272.27 6.40 -201.21	296.54 6.74 -218.08	325.34 8.90 -231.66	307.26 8.21 -218.64	317.77 6.76 -231.41	254.06 5.83 -176.23	295.42 4.70 -227.19	65.41 4.26 -5.07	55.01 4.02 0.45
PPL_SHRM_GT4 24214	58.90 4.66 -2.98	53.52 5.01 -2.14	52.22 4.56 -3.44	47.98 4.30 -1.04	48.66 4.27 -1.22	50.97 4.65 -0.26	53.75 4.93 -0.01	55.09 4.78 -0.02	57.68 4.50 -0.84	61.89 4.26 -4.45	68.04 4.44 -11.93	203.89 4.88 -142.89	234.28 4.69 -173.00	260.57 4.87 -194.90	259.77 5.25 -192.05	272.27 6.40 -201.21	296.54 6.74 -218.08	325.34 8.90 -231.66	307.26 8.21 -218.64	317.77 6.76 -231.41	254.06 5.83 -176.23	295.42 4.70 -227.19	65.41 4.26 -5.07	55.01 4.02 0.45
PROJECT___ORANGE 1 24174	51.16 -0.10 0.00	46.00 -0.37 0.00	43.78 -0.44 0.00	42.16 -0.47 0.00	42.69 -0.47 0.00	45.55 -0.51 0.00	48.42 -0.39 0.00	49.79 -0.50 0.00	51.82 -0.52 0.00	52.82 -0.37 0.00	51.20 -0.47 0.00	55.85 -0.28 0.00	56.36 -0.23 0.00	60.68 -0.12 0.00	62.28 -0.19 0.00	64.66 0.00 0.00	71.93 0.22 0.00	85.63 0.85 0.00	81.30 0.88 0.00	80.24 0.64 0.00	72.29 0.29 0.00	63.85 0.32 0.00	55.97 -0.11 0.00	51.35 -0.10 0.00
PROJECT___ORANGE 2 24166	51.16 -0.10 0.00	46.00 -0.37 0.00	43.78 -0.44 0.00	42.16 -0.47 0.00	42.69 -0.47 0.00	45.55 -0.51 0.00	48.42 -0.39 0.00	49.79 -0.50 0.00	51.82 -0.52 0.00	52.82 -0.37 0.00	51.20 -0.47 0.00	55.85 -0.28 0.00	56.36 -0.23 0.00	60.68 -0.12 0.00	62.28 -0.19 0.00	64.66 0.00 0.00	71.93 0.22 0.00	85.63 0.85 0.00	81.30 0.88 0.00	80.24 0.64 0.00	72.29 0.29 0.00	63.85 0.32 0.00	55.97 -0.11 0.00	51.35 -0.10 0.00
PUCKETT___SOLAR 323809	53.00 1.74 0.00	47.53 1.16 0.00	45.24 1.02 0.00	43.53 0.90 0.00	44.16 0.99 0.00	47.12 1.06 0.00	50.18 1.36 0.00	51.30 1.01 0.00	53.23 0.89 0.00	54.15 0.96 0.00	52.55 0.88 0.00	57.36 1.23 0.00	57.94 1.36 0.00	62.45 1.64 0.00	64.09 1.62 0.00	66.79 2.13 0.00	74.37 2.66 0.00	89.10 4.32 0.00	84.84 4.42 0.00	83.74 4.14 0.00	75.39 3.38 0.00	66.46 2.92 0.00	57.87 1.79 0.00	53.20 1.75 0.00
PYRITES___HYD 24023	51.88 0.62 0.00	47.16 0.79 0.00	45.02 0.80 0.00	43.31 0.68 0.00	44.03 0.86 0.00	46.93 0.88 0.00	49.99 1.17 0.00	51.65 1.36 0.00	53.65 1.31 0.00	54.31 1.12 0.00	52.55 0.88 0.00	56.74 0.62 0.00	57.26 0.68 0.00	61.47 0.67 0.00	62.66 0.19 0.00	63.94 -0.71 0.00	70.71 -1.00 0.00	83.42 -1.36 0.00	79.13 -1.29 0.00	79.92 0.32 0.00	72.94 0.94 0.00	64.68 1.14 0.00	57.70 1.63 0.00	52.69 1.23 0.00
QUAKERRD_115KV_BK1 80622	50.29 -0.97 0.00	44.70 -1.67 0.00	42.45 -1.77 0.00	40.71 -1.92 0.00	41.31 -1.86 0.00	44.08 -1.98 0.00	47.06 -1.76 0.00	48.13 -2.16 0.00	50.40 -1.94 0.00	51.38 -1.81 0.00	50.02 -1.65 0.00	54.89 -1.23 0.00	55.68 -0.91 0.00	60.14 -0.67 0.00	61.91 -0.56 0.00	64.33 -0.32 0.00	71.50 -0.22 0.00	85.54 0.76 0.00	81.38 0.97 0.00	80.16 0.56 0.00	71.86 -0.14 0.00	63.47 -0.06 0.00	55.41 -0.67 0.00	50.73 -0.72 0.00
QUENSBRY_115KV_TB8 356137	55.16 3.90 0.00	49.76 3.39 0.00	47.36 3.14 0.00	45.61 2.98 0.00	46.27 3.11 0.00	49.47 3.41 0.00	52.43 3.61 0.00	53.92 3.62 0.00	56.06 3.72 0.00	56.70 3.51 0.00	54.41 2.74 0.00	59.11 3.09 0.11	59.47 2.89 0.00	63.38 2.74 0.16	64.64 2.81 0.64	68.28 3.62 0.00	75.95 4.23 0.00	90.63 5.85 0.00	87.25 6.84 0.00	85.73 6.13 0.00	77.76 5.76 0.00	68.81 5.27 0.00	60.06 3.98 0.00	55.26 3.81 0.00
RAMAPO___LBMP 323565	53.98 2.72 0.00	49.06 2.69 0.00	46.61 2.39 0.00	44.85 2.22 0.00	45.32 2.16 0.00	48.50 2.44 0.00	51.35 2.54 0.00	52.86 2.56 0.00	54.91 2.56 0.00	55.74 2.55 0.00	54.46 2.79 0.00	58.99 2.75 -0.11	59.41 2.83 0.00	64.08 3.10 -0.17	66.46 3.31 -0.68	68.53 3.88 0.00	76.09 4.37 0.00	90.46 5.68 0.00	85.72 5.31 0.00	83.50 3.90 0.00	75.24 3.24 0.00	66.01 2.48 0.00	58.15 2.07 0.00	53.82 2.37 0.00
RANKINE____ 23646	51.47 0.21 0.00	45.17 -1.21 0.00	42.85 -1.37 0.00	40.84 -1.79 0.00	41.61 -1.55 0.00	44.26 -1.80 0.00	47.40 -1.42 0.00	47.73 -2.56 0.00	50.20 -2.15 0.00	51.12 -2.07 0.00	50.17 -1.50 0.00	55.34 -0.79 0.00	56.69 0.11 0.00	61.47 0.67 0.00	63.41 0.94 0.00	65.69 1.03 0.00	73.22 1.51 0.00	87.58 2.80 0.00	83.55 3.14 0.00	81.91 2.31 0.00	73.23 1.22 0.00	64.62 1.08 0.00	56.19 0.11 0.00	51.71 0.26 0.00
RAVENSWOOD_GT2_1 24244	54.75 3.49 0.00	49.85 3.48 0.00	47.32 3.10 0.00	45.53 2.90 0.00	45.97 2.81 0.00	49.14 3.09 0.00	52.09 3.27 0.00	53.61 3.32 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.84 3.59 -0.12	60.26 3.68 0.00	64.94 3.95 -0.18	67.39 4.19 -0.74	69.44 4.78 0.00	77.02 5.31 0.00	91.39 6.61 0.00	86.53 6.11 0.00	84.06 4.46 0.00	75.82 3.82 0.00	66.59 3.05 0.00	58.94 2.86 0.00	54.64 3.19 0.00
RAVENSWOOD_GT2_2 24245	54.75 3.49 0.00	49.85 3.48 0.00	47.32 3.10 0.00	45.53 2.90 0.00	45.97 2.81 0.00	49.14 3.09 0.00	52.09 3.27 0.00	53.61 3.32 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.84 3.59 -0.12	60.26 3.68 0.00	64.94 3.95 -0.18	67.39 4.19 -0.74	69.44 4.78 0.00	77.02 5.31 0.00	91.39 6.61 0.00	86.53 6.11 0.00	84.06 4.46 0.00	75.82 3.82 0.00	66.59 3.05 0.00	58.94 2.86 0.00	54.64 3.19 0.00

RAVENSWOOD_GT2_3 24246	54.80 3.54 0.00	49.90 3.52 0.00	47.36 3.14 0.00	45.53 2.90 0.00	46.01 2.85 0.00	49.19 3.13 0.00	52.13 3.32 0.00	53.66 3.37 0.00	55.69 3.35 0.00	56.59 3.40 0.00	55.39 3.72 0.00	59.90 3.65 -0.12	60.32 3.73 0.00	65.00 4.01 -0.18	67.45 4.25 -0.74	69.50 4.85 0.00	77.09 5.38 0.00	91.48 6.70 0.00	86.61 6.19 0.00	84.14 4.54 0.00	75.89 3.89 0.00	66.65 3.11 0.00	58.99 2.92 0.00	54.69 3.24 0.00
RAVENSWOOD_GT2_4 24247	54.80 3.54 0.00	49.90 3.52 0.00	47.36 3.14 0.00	45.53 2.90 0.00	46.01 2.85 0.00	49.19 3.13 0.00	52.13 3.32 0.00	53.66 3.37 0.00	55.69 3.35 0.00	56.59 3.40 0.00	55.39 3.72 0.00	59.90 3.65 -0.12	60.32 3.73 0.00	65.00 4.01 -0.18	67.45 4.25 -0.74	69.50 4.85 0.00	77.09 5.38 0.00	91.48 6.70 0.00	86.61 6.19 0.00	84.14 4.54 0.00	75.89 3.89 0.00	66.65 3.11 0.00	58.99 2.92 0.00	54.69 3.24 0.00
RAVENSWOOD_GT3_1 24248	54.75 3.49 0.00	49.85 3.48 0.00	47.32 3.10 0.00	45.53 2.90 0.00	45.97 2.81 0.00	49.19 3.13 0.00	52.09 3.27 0.00	53.61 3.32 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.84 3.59 -0.12	60.26 3.68 0.00	64.94 3.95 -0.18	67.45 4.25 -0.74	69.44 4.78 0.00	77.02 5.31 0.00	91.39 6.61 0.00	86.53 6.11 0.00	84.06 4.46 0.00	75.82 3.82 0.00	66.59 3.05 0.00	58.94 2.86 0.00	54.64 3.19 0.00
RAVENSWOOD_GT3_2 24249	54.75 3.49 0.00	49.85 3.48 0.00	47.32 3.10 0.00	45.53 2.90 0.00	45.97 2.81 0.00	49.19 3.13 0.00	52.09 3.27 0.00	53.61 3.32 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.84 3.59 -0.12	60.26 3.68 0.00	64.94 3.95 -0.18	67.45 4.25 -0.74	69.44 4.78 0.00	77.02 5.31 0.00	91.39 6.61 0.00	86.53 6.11 0.00	84.06 4.46 0.00	75.82 3.82 0.00	66.59 3.05 0.00	58.94 2.86 0.00	54.64 3.19 0.00
RAVENSWOOD_GT3_3 24250	54.85 3.59 0.00	49.94 3.57 0.00	47.40 3.18 0.00	45.57 2.94 0.00	46.05 2.89 0.00	49.23 3.18 0.00	52.18 3.37 0.00	53.71 3.42 0.00	55.74 3.40 0.00	56.65 3.46 0.00	55.44 3.77 0.00	59.95 3.70 -0.12	60.37 3.79 0.00	65.06 4.07 -0.18	67.58 4.37 -0.74	69.63 4.98 0.00	77.24 5.52 0.00	91.65 6.87 0.00	86.77 6.35 0.00	84.30 4.70 0.00	75.96 3.96 0.00	66.71 3.18 0.00	59.11 3.03 0.00	54.75 3.29 0.00
RAVENSWOOD_GT3_4 24251	54.85 3.59 0.00	49.94 3.57 0.00	47.40 3.18 0.00	45.57 2.94 0.00	46.05 2.89 0.00	49.23 3.18 0.00	52.18 3.37 0.00	53.71 3.42 0.00	55.74 3.40 0.00	56.65 3.46 0.00	55.44 3.77 0.00	59.95 3.70 -0.12	60.37 3.79 0.00	65.06 4.07 -0.18	67.58 4.37 -0.74	69.63 4.98 0.00	77.24 5.52 0.00	91.65 6.87 0.00	86.77 6.35 0.00	84.30 4.70 0.00	75.96 3.96 0.00	66.71 3.18 0.00	59.11 3.03 0.00	54.75 3.29 0.00
RAVENSWOOD_GT_1 23729	54.70 3.43 0.00	50.13 3.76 0.00	47.54 3.32 0.00	45.74 3.11 0.00	46.18 3.02 0.00	49.42 3.36 0.00	52.18 3.37 0.00	53.56 3.27 0.00	55.43 3.09 0.00	56.38 3.19 0.00	55.49 3.82 0.00	59.67 3.42 -0.12	60.03 3.45 0.00	64.64 3.65 -0.18	67.14 3.94 -0.74	69.04 4.46 0.08	73.88 4.95 2.78	86.21 6.10 4.68	73.51 5.71 12.61	69.91 4.06 13.76	67.74 3.46 7.72	62.11 2.73 4.16	58.88 2.80 0.00	54.75 3.29 0.00
RAVENSWOOD_GT_10 24258	54.75 3.49 0.00	49.85 3.48 0.00	47.32 3.10 0.00	45.53 2.90 0.00	45.97 2.81 0.00	49.14 3.09 0.00	52.09 3.27 0.00	53.61 3.32 0.00	55.69 3.35 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.84 3.59 -0.12	60.26 3.68 0.00	64.94 3.95 -0.18	67.45 4.25 -0.74	69.50 4.85 0.00	77.02 5.31 0.00	91.39 6.61 0.00	86.61 6.19 0.00	84.14 4.54 0.00	75.82 3.82 0.00	66.59 3.05 0.00	58.94 2.86 0.00	54.64 3.19 0.00
RAVENSWOOD_GT_11 24259	54.75 3.49 0.00	49.85 3.48 0.00	47.32 3.10 0.00	45.53 2.90 0.00	45.97 2.81 0.00	49.14 3.09 0.00	52.09 3.27 0.00	53.61 3.32 0.00	55.69 3.35 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.84 3.59 -0.12	60.26 3.68 0.00	64.94 3.95 -0.18	67.45 4.25 -0.74	69.50 4.85 0.00	77.02 5.31 0.00	91.39 6.61 0.00	86.61 6.19 0.00	84.14 4.54 0.00	75.82 3.82 0.00	66.59 3.05 0.00	58.94 2.86 0.00	54.64 3.19 0.00
RAVENSWOOD_GT_4 24252	54.75 3.49 0.00	49.85 3.48 0.00	47.32 3.10 0.00	45.53 2.90 0.00	45.97 2.81 0.00	49.19 3.13 0.00	52.09 3.27 0.00	53.61 3.32 0.00	55.69 3.35 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.84 3.59 -0.12	60.26 3.68 0.00	64.94 3.95 -0.18	67.45 4.25 -0.74	69.50 4.85 0.00	77.02 5.31 0.00	91.39 6.61 0.00	86.53 6.11 0.00	84.14 4.54 0.00	75.82 3.82 0.00	66.59 3.05 0.00	58.94 2.86 0.00	54.64 3.19 0.00
RAVENSWOOD_GT_5 24254	54.75 3.49 0.00	49.85 3.48 0.00	47.32 3.10 0.00	45.53 2.90 0.00	45.97 2.81 0.00	49.19 3.13 0.00	52.09 3.27 0.00	53.61 3.32 0.00	55.69 3.35 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.84 3.59 -0.12	60.26 3.68 0.00	64.94 3.95 -0.18	67.45 4.25 -0.74	69.50 4.85 0.00	77.02 5.31 0.00	91.39 6.61 0.00	86.53 6.11 0.00	84.14 4.54 0.00	75.82 3.82 0.00	66.59 3.05 0.00	58.94 2.86 0.00	54.64 3.19 0.00
RAVENSWOOD_GT_6 24253	54.75 3.49 0.00	49.85 3.48 0.00	47.32 3.10 0.00	45.53 2.90 0.00	45.97 2.81 0.00	49.19 3.13 0.00	52.09 3.27 0.00	53.61 3.32 0.00	55.69 3.35 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.84 3.59 -0.12	60.26 3.68 0.00	64.94 3.95 -0.18	67.45 4.25 -0.74	69.50 4.85 0.00	77.02 5.31 0.00	91.39 6.61 0.00	86.53 6.11 0.00	84.14 4.54 0.00	75.82 3.82 0.00	66.59 3.05 0.00	58.94 2.86 0.00	54.64 3.19 0.00
RAVENSWOOD_GT_7 24255	54.75 3.49 0.00	49.85 3.48 0.00	47.32 3.10 0.00	45.53 2.90 0.00	45.97 2.81 0.00	49.19 3.13 0.00	52.09 3.27 0.00	53.61 3.32 0.00	55.69 3.35 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.84 3.59 -0.12	60.26 3.68 0.00	64.94 3.95 -0.18	67.45 4.25 -0.74	69.50 4.85 0.00	77.02 5.31 0.00	91.39 6.61 0.00	86.53 6.11 0.00	84.14 4.54 0.00	75.82 3.82 0.00	66.59 3.05 0.00	58.94 2.86 0.00	54.64 3.19 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	54.75 3.49 0.00	49.85 3.48 0.00	47.32 3.10 0.00	45.53 2.90 0.00	45.97 2.81 0.00	49.14 3.09 0.00	52.09 3.27 0.00	53.61 3.32 0.00	55.69 3.35 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.84 3.59 -0.12	60.26 3.68 0.00	64.94 3.95 -0.18	67.45 4.25 -0.74	69.50 4.85 0.00	77.02 5.31 0.00	91.39 6.61 0.00	86.61 6.19 0.00	84.14 4.54 0.00	75.82 3.82 0.00	66.59 3.05 0.00	58.94 2.86 0.00	54.64 3.19 0.00
RAVENSWOOD_GT_9 24257	54.75 3.49 0.00	49.85 3.48 0.00	47.32 3.10 0.00	45.53 2.90 0.00	45.97 2.81 0.00	49.14 3.09 0.00	52.09 3.27 0.00	53.61 3.32 0.00	55.69 3.35 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.84 3.59 -0.12	60.26 3.68 0.00	64.94 3.95 -0.18	67.45 4.25 -0.74	69.50 4.85 0.00	77.02 5.31 0.00	91.39 6.61 0.00	86.61 6.19 0.00	84.14 4.54 0.00	75.82 3.82 0.00	66.59 3.05 0.00	58.94 2.86 0.00	54.64 3.19 0.00

RAVENSWOOD___1 23533	54.54 3.28 0.00	50.09 3.71 -0.01	47.55 3.32 -0.01	45.71 3.07 -0.01	46.14 2.98 0.00	49.38 3.32 0.00	52.23 3.42 0.00	53.52 3.22 0.00	55.38 3.03 0.00	56.38 3.19 0.00	55.44 3.77 0.00	59.50 3.25 -0.12	59.86 3.28 0.00	64.51 3.53 -0.18	67.01 3.81 -0.73	69.28 4.72 0.09	73.19 4.81 3.33	85.36 6.19 5.61	70.84 5.54 15.12	67.01 3.90 16.49	66.13 3.38 9.26	62.04 2.67 4.16	58.99 2.91 0.00	54.59 3.14 0.00
RAVENSWOOD___2 23534	54.39 3.13 0.00	50.00 3.62 -0.01	47.45 3.23 -0.01	45.62 2.98 -0.01	46.06 2.89 0.00	49.28 3.22 0.00	52.09 3.27 0.00	53.41 3.12 0.00	55.22 2.88 0.00	56.22 3.03 0.00	55.34 3.67 0.00	59.22 2.97 -0.12	59.52 2.94 0.00	63.96 2.98 -0.18	66.45 3.25 -0.73	68.70 4.14 0.09	72.53 4.16 3.35	84.58 5.43 5.63	70.05 4.82 15.19	66.22 3.19 16.57	65.37 2.67 9.30	61.47 2.09 4.16	58.77 2.69 0.00	54.49 3.03 0.00
RAVENSWOOD___3 23535	54.70 3.43 0.00	49.85 3.48 0.00	47.31 3.09 0.00	45.49 2.86 0.00	45.97 2.80 0.00	49.19 3.13 0.00	52.14 3.32 0.00	53.61 3.32 0.00	55.64 3.30 0.00	56.54 3.35 0.00	55.34 3.67 0.00	59.79 3.54 -0.12	60.21 3.62 0.00	64.94 3.95 -0.18	67.46 4.25 -0.74	69.83 5.17 0.00	77.02 5.31 0.00	91.56 6.78 0.00	86.53 6.11 0.00	84.06 4.46 0.00	75.81 3.81 0.00	66.65 3.11 0.00	59.05 2.97 0.00	54.54 3.09 0.00
RAVENSWOOD___4 23820	54.49 3.23 0.00	50.09 3.71 -0.01	47.55 3.32 -0.01	45.71 3.07 -0.01	46.14 2.98 0.00	49.38 3.32 0.00	52.18 3.37 0.00	53.46 3.17 0.00	55.32 2.98 0.00	56.33 3.14 0.00	55.39 3.72 0.00	59.39 3.14 -0.12	59.80 3.22 0.00	64.39 3.40 -0.18	66.88 3.68 -0.73	69.14 4.59 0.11	72.56 4.73 3.89	84.34 6.11 6.55	68.22 5.47 17.66	64.16 3.82 19.26	64.43 3.24 10.81	61.98 2.61 4.16	58.94 2.86 0.00	54.54 3.09 0.00
RCPL_TRUST___DRP 24196	54.85 3.59 0.00	49.90 3.52 0.00	47.36 3.14 0.00	45.53 2.90 0.00	46.01 2.85 0.00	49.23 3.18 0.00	52.18 3.37 0.00	53.76 3.47 0.00	55.80 3.45 0.00	56.70 3.51 0.00	55.49 3.82 0.00	60.06 3.82 -0.12	60.49 3.90 0.00	65.19 4.20 -0.18	67.70 4.50 -0.74	69.76 5.11 0.00	77.38 5.67 0.00	91.82 7.04 0.00	86.93 6.51 0.00	84.38 4.78 0.00	76.03 4.03 0.00	66.71 3.18 0.00	59.05 2.97 0.00	54.75 3.29 0.00
RED___ROCHESTER 323720	51.77 0.51 0.00	45.91 -0.46 0.00	43.51 -0.71 0.00	41.73 -0.90 0.00	42.30 -0.86 0.00	45.09 -0.97 0.00	48.23 -0.58 0.00	49.29 -1.01 0.00	51.66 -0.68 0.00	52.76 -0.43 0.00	51.46 -0.21 0.00	56.63 0.50 0.00	57.60 1.02 0.00	62.14 1.34 0.00	64.03 1.56 0.00	66.59 1.94 0.00	74.08 2.36 0.00	88.85 4.07 0.00	84.20 3.78 0.00	82.94 3.34 0.00	74.37 2.37 0.00	65.63 2.09 0.00	57.14 1.06 0.00	52.64 1.18 0.00
REGAN___SOLAR 323812	55.46 4.20 0.00	49.99 3.62 0.00	47.58 3.36 0.00	45.87 3.24 0.00	46.57 3.41 0.00	49.83 3.78 0.00	52.77 3.95 0.00	53.92 3.62 0.00	55.80 3.45 0.00	56.33 3.14 0.00	54.46 2.79 0.00	58.97 2.92 0.07	59.35 2.77 0.00	63.43 2.74 0.11	64.91 2.88 0.44	68.47 3.81 0.00	76.09 4.38 0.00	91.14 6.36 0.00	87.17 6.76 0.00	86.29 6.69 0.00	78.26 6.26 0.00	69.26 5.72 0.00	60.57 4.49 0.00	55.52 4.06 0.00
RENSSELAER___COGEN 23796	52.29 1.02 0.00	47.39 1.02 0.00	45.19 0.97 0.00	43.57 0.94 0.00	44.11 0.95 0.00	47.12 1.06 0.00	49.69 0.88 0.00	51.10 0.80 0.00	53.07 0.73 0.00	53.83 0.64 0.00	52.29 0.62 0.09	56.59 0.56 0.00	56.87 0.28 0.00	60.84 0.18 0.14	62.08 0.19 0.57	65.43 0.78 0.00	72.51 0.79 0.00	86.22 1.44 0.00	81.87 1.45 0.00	80.16 0.56 0.00	72.57 0.57 0.00	63.86 0.32 0.00	56.13 0.06 0.00	51.71 0.26 0.00
REPUBLIC_115KV_BARTNBRK 55605	56.80 5.54 0.00	51.05 4.68 0.00	48.55 4.33 0.00	46.76 4.14 0.00	47.44 4.27 0.00	50.85 4.79 0.00	53.89 5.08 0.00	55.32 5.03 0.00	57.42 5.08 0.00	57.92 4.73 0.00	55.54 3.88 0.11	60.51 4.49 0.00	60.83 4.24 0.00	64.66 4.01 0.16	65.94 4.12 0.65	69.83 5.17 0.00	77.67 5.95 0.00	93.09 8.31 0.00	89.83 9.41 0.00	88.52 8.92 0.00	80.28 8.28 0.00	71.41 7.88 0.00	62.02 5.94 0.00	56.91 5.45 0.00
REVERE_CPPR_DRP 24186	53.62 2.36 0.00	48.32 1.95 0.00	45.99 1.77 0.00	44.25 1.62 0.00	44.89 1.73 0.00	47.95 1.89 0.00	51.11 2.29 0.00	52.61 2.31 0.00	54.59 2.25 0.00	55.42 2.23 0.00	53.58 1.91 0.00	58.43 2.30 0.00	58.79 2.21 0.00	63.30 2.49 0.00	64.78 2.31 0.00	67.24 2.59 0.00	75.01 3.30 0.00	89.70 4.92 0.00	85.48 5.07 0.00	84.62 5.01 0.00	76.54 4.54 0.00	67.67 4.13 0.00	58.99 2.92 0.00	53.97 2.52 0.00
REYNLDPA_13_KV_LD 356490	50.90 -0.36 0.00	46.28 -0.09 0.00	44.22 0.00 0.00	42.59 -0.04 0.00	43.16 0.00 0.00	45.96 -0.09 0.00	48.72 -0.10 0.00	50.39 0.10 0.00	52.55 0.21 0.00	53.35 0.16 0.00	51.88 0.21 0.00	56.13 0.00 0.00	56.75 0.17 0.00	60.87 0.06 0.00	62.41 -0.06 0.00	64.14 -0.52 0.00	70.93 -0.79 0.00	83.42 -1.36 0.00	78.65 -1.77 0.00	78.81 -0.80 0.00	71.57 -0.43 0.00	63.28 -0.25 0.00	56.30 0.22 0.00	51.45 0.00 0.00
REYNOLDS_115KV_TB3 80639	52.75 1.49 0.00	47.76 1.39 0.00	45.55 1.33 0.00	43.95 1.32 0.00	44.46 1.29 0.00	47.48 1.43 0.00	50.18 1.37 0.00	51.55 1.26 0.00	53.60 1.26 0.00	54.36 1.17 0.00	52.75 1.09 0.00	57.02 1.01 0.11	57.49 0.91 0.00	61.48 0.85 0.17	62.71 0.94 0.69	66.01 1.36 0.00	73.29 1.58 0.00	87.15 2.37 0.00	82.99 2.57 0.00	81.11 1.51 0.00	73.44 1.44 0.00	64.55 1.02 0.00	56.70 0.62 0.00	52.43 0.98 0.00
RIVERBAY____ 323610	55.68 4.41 -0.01	51.05 4.68 0.00	48.42 4.20 0.00	46.59 3.96 0.00	47.01 3.84 -0.01	50.30 4.24 -0.01	53.07 4.25 -0.01	54.32 4.02 0.00	56.11 3.77 0.00	57.07 3.88 0.00	56.22 4.55 0.00	60.40 4.15 -0.12	60.71 4.13 0.00	65.55 4.56 -0.18	68.08 4.87 -0.74	70.08 5.43 0.01	77.80 6.10 0.01	92.32 7.55 0.01	87.49 7.08 0.01	85.09 5.49 0.01	76.74 4.75 0.01	67.40 3.88 0.01	59.96 3.87 -0.01	55.78 4.32 -0.01
RIVERSDE_115KV_TB3 55908	52.59 1.33 0.00	47.62 1.25 0.00	45.41 1.19 0.00	43.82 1.19 0.00	44.33 1.17 0.00	47.35 1.29 0.00	50.04 1.22 0.00	51.40 1.11 0.00	53.44 1.10 0.00	54.20 1.01 0.00	52.60 0.93 0.00	56.97 0.95 0.11	57.32 0.74 0.00	61.31 0.67 0.16	62.52 0.69 0.64	65.82 1.16 0.00	73.08 1.36 0.00	86.81 2.03 0.00	82.67 2.25 0.00	80.88 1.27 0.00	73.15 1.15 0.00	64.36 0.83 0.00	56.53 0.45 0.00	52.22 0.77 0.00
ROARING___BROOK_WT_PWR 323790	51.16 -0.10 0.00	46.28 -0.09 0.00	44.18 -0.04 0.00	42.59 -0.04 0.00	43.12 -0.04 0.00	46.01 -0.05 0.00	48.77 -0.05 0.00	50.24 -0.05 0.00	52.29 -0.05 0.00	53.14 -0.05 0.00	51.62 -0.05 0.00	56.01 -0.11 0.00	56.47 -0.11 0.00	60.68 -0.12 0.00	62.28 -0.19 0.00	64.40 -0.26 0.00	71.36 -0.36 0.00	84.19 -0.59 0.00	79.94 -0.48 0.00	79.28 -0.32 0.00	71.79 -0.22 0.00	63.35 -0.19 0.00	55.97 -0.11 0.00	51.25 -0.20 0.00

ROCHESRG_115KV_T4 355643	51.11 -0.15 0.00	45.35 -1.02 0.00	43.07 -1.15 0.00	41.27 -1.36 0.00	41.87 -1.29 0.00	44.63 -1.43 0.00	47.74 -1.07 0.00	48.68 -1.61 0.00	50.98 -1.36 0.00	51.97 -1.22 0.00	50.69 -0.98 0.00	55.68 -0.45 0.00	56.58 0.00 0.00	61.11 0.30 0.00	62.97 0.50 0.00	65.37 0.71 0.00	72.72 1.00 0.00	86.98 2.20 0.00	82.75 2.33 0.00	81.51 1.91 0.00	73.08 1.08 0.00	64.49 0.95 0.00	56.30 0.22 0.00	51.61 0.15 0.00
ROCHESTER_9_IC 23652	51.47 0.21 0.00	45.63 -0.74 0.00	43.29 -0.93 0.00	41.48 -1.15 0.00	42.13 -1.04 0.00	44.91 -1.15 0.00	48.03 -0.78 0.00	48.99 -1.31 0.00	51.35 -0.99 0.00	52.39 -0.80 0.00	51.10 -0.57 0.00	56.13 0.00 0.00	57.03 0.45 0.00	61.66 0.85 0.00	63.47 1.00 0.00	66.01 1.36 0.00	73.44 1.72 0.00	87.92 3.14 0.00	83.55 3.14 0.00	82.23 2.63 0.00	73.73 1.73 0.00	65.12 1.59 0.00	56.81 0.73 0.00	52.02 0.57 0.00
ROCKVIEW_13_KV_LD 356306	54.85 3.59 0.00	49.85 3.48 0.00	47.36 3.14 0.00	45.53 2.90 0.00	46.01 2.85 0.00	49.23 3.18 0.00	52.18 3.37 0.00	53.61 3.32 0.00	55.69 3.35 0.00	56.59 3.40 0.00	55.34 3.67 0.00	60.01 3.76 -0.12	60.43 3.85 0.00	65.19 4.20 -0.18	67.70 4.50 -0.74	69.83 5.17 0.00	77.52 5.81 0.00	92.15 7.38 0.00	87.25 6.84 0.00	84.86 5.25 0.00	76.54 4.54 0.00	66.97 3.43 0.00	59.05 2.97 0.00	54.64 3.19 0.00
ROME____115KV_TB2 80656	53.62 2.36 0.00	48.32 1.95 0.00	45.99 1.77 0.00	44.25 1.62 0.00	44.89 1.73 0.00	47.95 1.89 0.00	51.11 2.29 0.00	52.61 2.31 0.00	54.59 2.25 0.00	55.42 2.23 0.00	53.58 1.91 0.00	58.43 2.30 0.00	58.79 2.21 0.00	63.30 2.49 0.00	64.78 2.31 0.00	67.24 2.59 0.00	75.01 3.30 0.00	89.70 4.92 0.00	85.48 5.07 0.00	84.62 5.01 0.00	76.54 4.54 0.00	67.67 4.13 0.00	58.99 2.92 0.00	53.97 2.52 0.00
ROSETON___1 23587	53.67 2.41 0.00	48.78 2.41 0.00	46.39 2.17 0.00	44.68 2.05 0.00	45.15 1.99 0.00	48.31 2.26 0.00	51.11 2.29 0.00	52.56 2.27 0.00	54.59 2.25 0.00	55.42 2.23 0.00	54.05 2.38 0.00	58.49 2.25 -0.11	58.90 2.32 0.00	63.53 2.55 -0.17	65.89 2.75 -0.68	68.14 3.49 0.00	75.37 3.66 0.00	89.78 5.00 0.00	85.00 4.58 0.00	82.79 3.19 0.00	74.74 2.74 0.00	65.63 2.09 0.00	57.87 1.79 0.00	53.51 2.06 0.00
ROSETON___2 23588	53.67 2.41 0.00	48.78 2.41 0.00	46.39 2.17 0.00	44.68 2.05 0.00	45.15 1.99 0.00	48.31 2.26 0.00	51.11 2.29 0.00	52.56 2.27 0.00	54.59 2.25 0.00	55.42 2.23 0.00	54.05 2.38 0.00	58.49 2.25 -0.11	58.90 2.32 0.00	63.53 2.55 -0.17	65.89 2.75 -0.68	68.14 3.49 0.00	75.37 3.66 0.00	89.78 5.00 0.00	85.00 4.58 0.00	82.79 3.19 0.00	74.74 2.74 0.00	65.63 2.09 0.00	57.87 1.79 0.00	53.51 2.06 0.00
ROTTRDAM_115KV_TB3 80664	53.05 1.79 0.00	47.99 1.62 0.00	45.77 1.55 0.00	44.16 1.53 0.00	44.72 1.55 0.00	47.76 1.70 0.00	50.47 1.66 0.00	51.85 1.56 0.00	53.86 1.52 0.00	54.63 1.44 0.00	53.01 1.34 0.00	57.39 1.35 0.08	57.88 1.30 0.00	62.02 1.34 0.12	63.41 1.44 0.49	66.53 1.87 0.00	73.87 2.15 0.00	87.83 3.05 0.00	83.63 3.22 0.00	82.23 2.63 0.00	74.45 2.45 0.00	65.57 2.03 0.00	57.65 1.57 0.00	53.10 1.65 0.00
RUSSELL___1 23602	51.77 0.51 0.00	45.91 -0.46 0.00	43.51 -0.71 0.00	41.69 -0.94 0.00	42.30 -0.86 0.00	45.14 -0.92 0.00	48.28 -0.54 0.00	49.29 -1.01 0.00	51.66 -0.68 0.00	52.76 -0.43 0.00	51.41 -0.26 0.00	56.52 0.39 0.00	57.49 0.91 0.00	62.14 1.34 0.00	64.03 1.56 0.00	66.53 1.87 0.00	74.08 2.37 0.00	88.68 3.90 0.00	84.28 3.86 0.00	82.95 3.34 0.00	74.38 2.38 0.00	65.63 2.10 0.00	57.20 1.12 0.00	52.38 0.93 0.00
RUSSELL___2 23532	51.77 0.51 0.00	45.91 -0.46 0.00	43.51 -0.71 0.00	41.69 -0.94 0.00	42.30 -0.86 0.00	45.14 -0.92 0.00	48.28 -0.54 0.00	49.29 -1.01 0.00	51.66 -0.68 0.00	52.76 -0.43 0.00	51.41 -0.26 0.00	56.52 0.39 0.00	57.49 0.91 0.00	62.14 1.34 0.00	64.03 1.56 0.00	66.53 1.87 0.00	74.08 2.37 0.00	88.68 3.90 0.00	84.28 3.86 0.00	82.95 3.34 0.00	74.38 2.38 0.00	65.63 2.10 0.00	57.20 1.12 0.00	52.38 0.93 0.00
RUSSELL___3 23549	51.77 0.51 0.00	45.91 -0.46 0.00	43.51 -0.71 0.00	41.69 -0.94 0.00	42.30 -0.86 0.00	45.14 -0.92 0.00	48.28 -0.54 0.00	49.29 -1.01 0.00	51.66 -0.68 0.00	52.76 -0.43 0.00	51.41 -0.26 0.00	56.52 0.39 0.00	57.49 0.91 0.00	62.14 1.34 0.00	64.03 1.56 0.00	66.53 1.87 0.00	74.08 2.37 0.00	88.68 3.90 0.00	84.28 3.86 0.00	82.95 3.34 0.00	74.38 2.38 0.00	65.63 2.10 0.00	57.20 1.12 0.00	52.38 0.93 0.00
RUSSELL___4 23556	51.77 0.51 0.00	45.91 -0.46 0.00	43.51 -0.71 0.00	41.69 -0.94 0.00	42.30 -0.86 0.00	45.14 -0.92 0.00	48.28 -0.54 0.00	49.29 -1.01 0.00	51.66 -0.68 0.00	52.76 -0.43 0.00	51.41 -0.26 0.00	56.52 0.39 0.00	57.49 0.91 0.00	62.14 1.34 0.00	64.03 1.56 0.00	66.53 1.87 0.00	74.08 2.37 0.00	88.68 3.90 0.00	84.28 3.86 0.00	82.95 3.34 0.00	74.38 2.38 0.00	65.63 2.10 0.00	57.20 1.12 0.00	52.38 0.93 0.00
RUSSELL___STATION 23914	51.77 0.51 0.00	45.91 -0.46 0.00	43.51 -0.71 0.00	41.69 -0.94 0.00	42.30 -0.86 0.00	45.14 -0.92 0.00	48.28 -0.54 0.00	49.29 -1.01 0.00	51.66 -0.68 0.00	52.76 -0.43 0.00	51.41 -0.26 0.00	56.52 0.39 0.00	57.49 0.91 0.00	62.14 1.34 0.00	64.03 1.56 0.00	66.53 1.87 0.00	74.08 2.37 0.00	88.68 3.90 0.00	84.28 3.86 0.00	82.95 3.34 0.00	74.38 2.38 0.00	65.63 2.10 0.00	57.20 1.12 0.00	52.38 0.93 0.00
S SALMON___HYD 24043	51.47 0.21 0.00	46.32 -0.05 0.00	44.13 -0.09 0.00	42.46 -0.17 0.00	43.08 -0.09 0.00	45.97 -0.09 0.00	48.96 0.15 0.00	50.29 0.00 0.00	52.18 -0.16 0.00	53.03 -0.16 0.00	50.95 -0.72 0.00	55.56 -0.56 0.00	55.90 -0.68 0.00	60.14 -0.67 0.00	61.66 -0.81 0.00	64.01 -0.65 0.00	71.14 -0.58 0.00	84.86 0.08 0.00	80.82 0.40 0.00	80.24 0.63 0.00	72.87 0.87 0.00	64.43 0.89 0.00	56.52 0.45 0.00	51.82 0.36 0.00
S.PERRY__115KV_TB1 80734	53.62 2.36 0.00	47.39 1.02 0.00	44.93 0.71 0.00	42.97 0.34 0.00	43.64 0.47 0.00	46.61 0.55 0.00	49.89 1.07 0.00	50.34 0.05 0.00	52.18 -0.16 0.00	52.87 -0.32 0.00	51.36 -0.31 0.00	56.74 0.62 0.00	57.88 1.30 0.00	62.63 1.82 0.00	64.47 2.00 0.00	67.11 2.46 0.00	75.01 3.30 0.00	90.71 5.93 0.00	87.09 6.67 0.00	86.45 6.85 0.00	77.62 5.62 0.00	68.56 5.02 0.00	59.44 3.36 0.00	54.23 2.78 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	50.90 -0.36 0.00	44.70 -1.67 0.00	42.41 -1.81 0.00	40.46 -2.17 0.00	41.18 -1.99 0.00	43.85 -2.21 0.00	46.91 -1.90 0.00	47.28 -3.02 0.00	49.67 -2.67 0.00	50.64 -2.55 0.00	49.71 -1.96 0.00	54.84 -1.29 0.00	56.07 -0.51 0.00	60.81 0.00 0.00	62.66 0.19 0.00	64.91 0.26 0.00	72.29 0.57 0.00	86.47 1.70 0.00	82.51 2.09 0.00	80.96 1.35 0.00	72.36 0.36 0.00	63.92 0.38 0.00	55.69 -0.39 0.00	51.20 -0.26 0.00

SAWYER___23_KV_LOAD 55526	50.90 -0.36 0.00	44.70 -1.67 0.00	42.41 -1.81 0.00	40.46 -2.17 0.00	41.18 -1.99 0.00	43.85 -2.21 0.00	46.91 -1.90 0.00	47.28 -3.02 0.00	49.67 -2.67 0.00	50.64 -2.55 0.00	49.71 -1.96 0.00	54.84 -1.29 0.00	56.07 -0.51 0.00	60.81 0.00 0.00	62.66 0.19 0.00	64.91 0.26 0.00	72.29 0.57 0.00	86.47 1.70 0.00	82.51 2.09 0.00	80.96 1.35 0.00	72.36 0.36 0.00	63.92 0.38 0.00	55.69 -0.39 0.00	51.20 -0.26 0.00
SELKIRK___I 23801	52.69 1.43 0.00	47.72 1.35 0.00	45.55 1.33 0.00	43.99 1.36 0.00	44.54 1.38 0.00	47.49 1.43 0.00	50.08 1.27 0.00	51.40 1.11 0.00	53.39 1.05 0.00	54.09 0.90 0.00	52.49 0.82 0.00	56.91 0.84 0.06	56.98 0.40 0.00	53.82 -0.79 6.19	54.88 -0.75 6.85	57.04 -0.26 7.35	62.01 -0.43 9.28	84.76 0.00 0.02	80.56 0.16 0.02	79.05 -0.55 0.00	71.57 -0.43 0.00	63.16 -0.38 0.00	55.52 -0.56 0.00	51.15 -0.31 0.00
SELKIRK___II 23799	52.44 1.18 0.00	47.48 1.11 0.00	45.33 1.11 0.00	43.74 1.11 0.00	44.28 1.12 0.00	47.25 1.20 0.00	49.89 1.07 0.00	51.25 0.95 0.00	53.23 0.89 0.00	53.99 0.80 0.00	52.44 0.78 0.00	56.84 0.79 0.07	56.75 0.17 0.00	38.55 -0.06 22.19	38.55 0.00 23.92	38.55 0.51 26.62	38.55 0.43 33.60	85.74 1.02 0.06	81.40 1.04 0.06	79.76 0.16 0.00	72.22 0.22 0.00	63.54 0.00 0.00	55.91 -0.17 0.00	51.50 0.05 0.00
SENECA OSWGO___HYD 24041	50.65 -0.61 0.00	45.54 -0.83 0.00	43.38 -0.84 0.00	41.78 -0.85 0.00	42.30 -0.86 0.00	45.14 -0.92 0.00	47.99 -0.83 0.00	49.29 -1.01 0.00	51.19 -1.15 0.00	52.13 -1.06 0.00	50.48 -1.19 0.00	55.06 -1.07 0.00	55.45 -1.13 0.00	59.71 -1.09 0.00	61.35 -1.12 0.00	63.75 -0.91 0.00	70.86 -0.86 0.00	84.44 -0.34 0.00	80.10 -0.32 0.00	79.21 -0.40 0.00	71.42 -0.58 0.00	63.16 -0.38 0.00	55.41 -0.67 0.00	50.84 -0.62 0.00
SENECA___115KV_TB3 355854	51.52 0.26 0.00	45.26 -1.11 0.00	42.94 -1.28 0.00	40.88 -1.75 0.00	41.65 -1.51 0.00	44.35 -1.70 0.00	47.50 -1.32 0.00	47.83 -2.46 0.00	50.25 -2.09 0.00	51.22 -1.97 0.00	50.27 -1.40 0.00	55.45 -0.67 0.00	56.81 0.23 0.00	61.66 0.85 0.00	63.53 1.06 0.00	65.82 1.16 0.00	73.36 1.65 0.00	87.75 2.97 0.00	83.71 3.30 0.00	82.07 2.47 0.00	73.37 1.37 0.00	64.74 1.21 0.00	56.25 0.17 0.00	51.81 0.36 0.00
SENECA___ENERGY 23797	51.62 0.36 0.00	46.23 -0.14 0.00	43.96 -0.26 0.00	42.25 -0.38 0.00	42.82 -0.35 0.00	45.74 -0.32 0.00	48.77 -0.05 0.00	49.89 -0.40 0.00	51.92 -0.42 0.00	52.87 -0.32 0.00	51.31 -0.36 0.00	56.24 0.11 0.00	56.92 0.34 0.00	61.35 0.55 0.00	63.09 0.62 0.00	65.56 0.90 0.00	73.07 1.36 0.00	87.41 2.63 0.00	83.15 2.74 0.00	82.07 2.47 0.00	73.66 1.66 0.00	65.00 1.46 0.00	56.70 0.62 0.00	52.02 0.57 0.00
SHOEMAKER___GT 23640	53.46 2.20 0.00	48.55 2.18 0.00	46.16 1.94 0.00	44.46 1.83 0.00	44.98 1.81 0.00	48.08 2.02 0.00	50.91 2.10 0.00	52.36 2.06 0.00	54.38 2.04 0.00	55.16 1.97 0.00	53.79 2.12 0.00	58.31 2.08 -0.10	58.68 2.09 0.00	63.27 2.31 -0.15	65.58 2.50 -0.61	67.89 3.23 0.00	75.16 3.44 0.00	89.61 4.83 0.00	84.92 4.50 0.00	82.94 3.34 0.00	74.88 2.88 0.00	65.76 2.22 0.00	57.93 1.85 0.00	53.46 2.00 0.00
SHOEMAKR_138KV_BK 111 55601	53.52 2.26 0.00	48.55 2.18 0.00	46.17 1.95 0.00	44.46 1.83 0.00	44.98 1.81 0.00	48.08 2.03 0.00	50.87 2.05 0.00	52.36 2.06 0.00	54.38 2.04 0.00	55.21 2.02 0.00	53.79 2.12 0.00	58.36 2.13 -0.10	58.73 2.15 0.00	63.33 2.37 -0.15	65.57 2.50 -0.61	67.69 3.04 0.00	75.23 3.51 0.00	89.44 4.66 0.00	84.92 4.50 0.00	82.95 3.34 0.00	74.81 2.81 0.00	65.70 2.16 0.00	57.87 1.79 0.00	53.51 2.06 0.00
SHOREHAM_IC_1 23715	58.90 4.66 -2.98	53.52 5.01 -2.14	52.22 4.56 -3.44	47.98 4.30 -1.04	48.66 4.27 -1.22	50.97 4.65 -0.26	53.75 4.93 -0.01	55.09 4.78 -0.02	57.68 4.50 -0.84	61.89 4.26 -4.45	68.04 4.44 -11.93	203.89 4.88 -142.89	234.28 4.69 -173.00	260.57 4.87 -194.90	259.77 5.25 -192.05	272.27 6.40 -201.21	296.54 6.74 -218.08	325.34 8.90 -231.66	307.26 8.21 -218.64	317.77 6.76 -231.41	254.06 5.83 -176.23	295.42 4.70 -227.19	65.41 4.26 -5.07	55.01 4.02 0.45
SHOREHAM_IC_2 23716	59.01 4.77 -2.98	53.52 5.01 -2.14	52.22 4.55 -3.44	47.98 4.31 -1.04	48.66 4.27 -1.22	50.97 4.65 -0.26	53.65 4.83 0.00	55.13 4.83 -0.01	57.47 4.29 -0.84	62.05 4.41 -4.45	68.04 4.44 -11.93	203.94 4.94 -142.88	234.28 4.70 -173.00	260.56 4.86 -194.89	259.77 5.25 -192.05	271.94 6.08 -201.21	296.61 6.81 -218.08	325.17 8.73 -231.66	307.26 8.20 -218.64	317.93 6.93 -231.41	254.13 5.90 -176.23	295.42 4.70 -227.19	65.25 4.09 -5.07	55.11 4.12 0.45
SISSONVILLE____ 23735	51.00 -0.26 0.00	46.37 0.00 0.00	44.26 0.04 0.00	42.63 0.00 0.00	43.34 0.17 0.00	46.20 0.14 0.00	49.16 0.34 0.00	50.90 0.60 0.00	52.97 0.63 0.00	53.67 0.48 0.00	51.98 0.31 0.00	56.13 0.00 0.00	56.69 0.11 0.00	60.87 0.06 0.00	61.97 -0.50 0.00	63.17 -1.49 0.00	69.71 -2.01 0.00	81.90 -2.88 0.00	77.44 -2.98 0.00	77.93 -1.67 0.00	71.14 -0.86 0.00	63.15 -0.38 0.00	56.64 0.56 0.00	51.86 0.41 0.00
SITHE_IND_GS1 24169	49.93 -1.33 0.00	44.98 -1.39 0.00	42.85 -1.37 0.00	41.26 -1.37 0.00	41.78 -1.38 0.00	44.58 -1.48 0.00	47.35 -1.46 0.00	48.64 -1.66 0.00	50.62 -1.73 0.00	51.54 -1.65 0.00	49.96 -1.70 0.00	54.44 -1.68 0.00	54.89 -1.70 0.00	59.04 -1.77 0.00	60.66 -1.81 0.00	62.97 -1.68 0.00	69.93 -1.79 0.00	83.17 -1.61 0.00	78.89 -1.53 0.00	78.01 -1.59 0.00	70.35 -1.65 0.00	62.14 -1.40 0.00	54.62 -1.46 0.00	50.17 -1.28 0.00
SITHE_IND_GS2 24170	49.93 -1.33 0.00	44.98 -1.39 0.00	42.85 -1.37 0.00	41.26 -1.37 0.00	41.78 -1.38 0.00	44.58 -1.48 0.00	47.35 -1.46 0.00	48.64 -1.66 0.00	50.62 -1.73 0.00	51.54 -1.65 0.00	49.96 -1.70 0.00	54.44 -1.68 0.00	54.89 -1.70 0.00	59.04 -1.77 0.00	60.66 -1.81 0.00	62.97 -1.68 0.00	69.93 -1.79 0.00	83.17 -1.61 0.00	78.89 -1.53 0.00	78.01 -1.59 0.00	70.35 -1.65 0.00	62.14 -1.40 0.00	54.62 -1.46 0.00	50.17 -1.28 0.00
SITHE_IND_GS3 24171	49.93 -1.33 0.00	44.98 -1.39 0.00	42.85 -1.37 0.00	41.26 -1.37 0.00	41.78 -1.38 0.00	44.58 -1.48 0.00	47.35 -1.46 0.00	48.64 -1.66 0.00	50.62 -1.73 0.00	51.54 -1.65 0.00	49.96 -1.70 0.00	54.44 -1.68 0.00	54.89 -1.70 0.00	59.04 -1.77 0.00	60.66 -1.81 0.00	62.97 -1.68 0.00	69.93 -1.79 0.00	83.17 -1.61 0.00	78.89 -1.53 0.00	78.01 -1.59 0.00	70.35 -1.65 0.00	62.14 -1.40 0.00	54.62 -1.46 0.00	50.17 -1.28 0.00
SITHE_IND_GS4 24172	49.93 -1.33 0.00	44.98 -1.39 0.00	42.85 -1.37 0.00	41.26 -1.37 0.00	41.78 -1.38 0.00	44.58 -1.48 0.00	47.35 -1.46 0.00	48.64 -1.66 0.00	50.62 -1.73 0.00	51.54 -1.65 0.00	49.96 -1.70 0.00	54.44 -1.68 0.00	54.89 -1.70 0.00	59.04 -1.77 0.00	60.66 -1.81 0.00	62.97 -1.68 0.00	69.93 -1.79 0.00	83.17 -1.61 0.00	78.89 -1.53 0.00	78.01 -1.59 0.00	70.35 -1.65 0.00	62.14 -1.40 0.00	54.62 -1.46 0.00	50.17 -1.28 0.00

SITHE___BATAVIA 24024	52.18 0.92 0.00	45.86 -0.51 0.00	43.47 -0.75 0.00	41.35 -1.28 0.00	42.00 -1.16 0.00	45.00 -1.06 0.00	48.08 -0.73 0.00	48.68 -1.61 0.00	50.93 -1.41 0.00	51.91 -1.28 0.00	50.79 -0.88 0.00	56.13 0.00 0.00	57.43 0.85 0.00	62.02 1.22 0.00	63.97 1.50 0.00	66.40 1.75 0.00	73.94 2.23 0.00	89.10 4.32 0.00	84.84 4.42 0.00	83.50 3.90 0.00	74.67 2.67 0.00	65.82 2.28 0.00	57.20 1.12 0.00	53.10 1.65 0.00
SITHE___INDEPEND 23800	49.93 -1.33 0.00	44.98 -1.39 0.00	42.85 -1.37 0.00	41.27 -1.36 0.00	41.78 -1.38 0.00	44.58 -1.47 0.00	47.35 -1.46 0.00	48.63 -1.66 0.00	50.61 -1.73 0.00	51.54 -1.65 0.00	49.96 -1.71 0.00	54.44 -1.68 0.00	54.88 -1.70 0.00	59.04 -1.76 0.00	60.66 -1.81 0.00	62.91 -1.75 0.00	69.92 -1.79 0.00	83.08 -1.70 0.00	78.89 -1.53 0.00	78.01 -1.59 0.00	70.34 -1.66 0.00	62.20 -1.33 0.00	54.62 -1.46 0.00	50.12 -1.34 0.00
SITHE___MASSENA 23902	51.01 -0.26 0.00	46.28 -0.09 0.00	44.22 0.00 0.00	42.59 -0.04 0.00	43.16 0.00 0.00	46.01 -0.05 0.00	48.77 -0.05 0.00	50.55 0.25 0.00	52.66 0.32 0.00	53.40 0.21 0.00	51.88 0.21 0.00	56.07 -0.06 0.00	56.64 0.06 0.00	60.87 0.06 0.00	62.28 -0.19 0.00	63.75 -0.91 0.00	70.71 -1.00 0.00	82.15 -2.63 0.00	78.49 -1.93 0.00	78.73 -0.87 0.00	71.50 -0.50 0.00	63.22 -0.32 0.00	56.36 0.28 0.00	51.56 0.10 0.00
SITHE___OGDNSBRG 24021	51.72 0.46 0.00	47.07 0.70 0.00	44.93 0.71 0.00	43.23 0.60 0.00	43.90 0.73 0.00	46.79 0.74 0.00	49.74 0.93 0.00	51.40 1.11 0.00	53.39 1.05 0.00	53.99 0.80 0.00	52.34 0.67 0.00	56.46 0.34 0.00	57.03 0.45 0.00	61.23 0.43 0.00	62.59 0.12 0.00	63.94 -0.71 0.00	70.71 -1.00 0.00	83.42 -1.36 0.00	79.13 -1.29 0.00	79.92 0.32 0.00	72.87 0.86 0.00	64.55 1.02 0.00	57.54 1.46 0.00	52.48 1.03 0.00
SITHE___STERLING 23777	53.05 1.79 0.00	47.81 1.44 0.00	45.55 1.33 0.00	43.82 1.19 0.00	44.42 1.25 0.00	47.44 1.38 0.00	50.52 1.71 0.00	51.95 1.66 0.00	53.97 1.62 0.00	54.84 1.65 0.00	53.11 1.44 0.00	57.92 1.80 0.00	58.34 1.76 0.00	62.75 1.95 0.00	64.34 1.87 0.00	66.79 2.13 0.00	74.37 2.66 0.00	88.93 4.15 0.00	84.52 4.10 0.00	83.66 4.06 0.00	75.53 3.53 0.00	66.71 3.18 0.00	58.26 2.18 0.00	53.36 1.90 0.00
SLEIGHT__34_KV_TB1 80719	51.21 -0.05 0.00	45.63 -0.74 0.00	43.34 -0.88 0.00	41.61 -1.02 0.00	42.21 -0.95 0.00	45.04 -1.01 0.00	48.08 -0.73 0.00	49.24 -1.06 0.00	51.45 -0.89 0.00	52.50 -0.69 0.00	51.00 -0.67 0.00	55.96 -0.17 0.00	56.75 0.17 0.00	61.29 0.49 0.00	63.03 0.56 0.00	65.50 0.84 0.00	72.93 1.22 0.00	87.32 2.54 0.00	82.99 2.57 0.00	81.75 2.15 0.00	73.37 1.37 0.00	64.74 1.21 0.00	56.53 0.45 0.00	51.71 0.26 0.00
SMITHTWN_69_KV_BK 1 55830	59.67 4.92 -3.49	53.67 5.15 -2.15	52.35 4.69 -3.44	48.11 4.43 -1.04	48.79 4.40 -1.22	51.11 4.79 -0.26	53.79 4.98 0.00	55.24 4.93 -0.02	57.92 4.50 -1.07	63.38 4.57 -5.62	74.52 4.44 -18.41	282.70 4.88 -221.70	327.86 4.87 -266.41	368.48 5.29 -302.38	364.95 5.62 -296.86	382.59 6.34 -311.60	415.63 7.10 -336.82	452.93 8.90 -359.24	428.00 8.44 -339.14	445.27 6.69 -358.98	350.71 5.76 -272.95	420.60 4.70 -352.36	67.23 3.93 -7.22	54.64 4.17 0.98
SOUTH CAIRO___GT 23612	54.03 2.77 0.00	48.78 2.41 0.00	46.52 2.30 0.00	44.80 2.17 0.00	45.36 2.20 0.00	48.54 2.49 0.00	51.26 2.44 0.00	52.46 2.16 0.00	54.28 1.94 0.00	54.79 1.60 0.00	52.96 1.29 0.00	57.88 1.80 0.04	57.32 0.74 0.00	54.19 1.22 7.83	55.21 1.25 8.51	57.23 1.94 9.36	62.27 2.37 11.82	88.66 3.90 0.02	84.26 3.86 0.02	82.87 3.26 0.00	74.88 2.88 0.00	66.27 2.73 0.00	58.04 1.96 0.00	53.41 1.96 0.00
SOUTH HAMPTN___IC 23720	59.87 5.69 -2.92	54.35 5.84 -2.14	52.97 5.30 -3.44	48.74 5.07 -1.04	49.44 5.05 -1.22	51.85 5.52 -0.26	54.68 5.86 -0.01	56.09 5.78 -0.02	58.91 5.76 -0.81	63.22 5.69 -4.34	69.03 5.94 -11.42	199.56 6.56 -136.87	228.87 6.45 -165.84	254.14 6.63 -186.70	253.57 7.06 -184.04	265.64 8.21 -192.78	289.38 8.67 -208.99	317.89 11.19 -221.92	300.31 10.45 -209.44	310.03 8.76 -221.67	248.33 7.49 -168.84	287.21 6.04 -217.63	66.60 5.61 -4.91	56.29 5.25 0.41
SOUTHDOW_115KV_TB1 355954	52.59 1.33 0.00	46.05 -0.32 0.00	43.60 -0.62 0.00	41.52 -1.11 0.00	42.39 -0.78 0.00	45.32 -0.74 0.00	48.67 -0.15 0.00	49.09 -1.21 0.00	51.82 -0.52 0.00	52.76 -0.43 0.00	51.77 0.10 0.00	57.08 0.95 0.00	58.39 1.81 0.00	63.48 2.68 0.00	65.78 3.31 0.00	68.02 3.36 0.00	75.95 4.23 0.00	90.88 6.10 0.00	86.77 6.35 0.00	85.01 5.41 0.00	76.03 4.03 0.00	66.97 3.43 0.00	57.76 1.68 0.00	53.25 1.80 0.00
SOUTHOLD_69_KV_BK 2 55809	60.90 6.72 -2.92	55.14 6.63 -2.14	53.72 6.06 -3.44	49.47 5.80 -1.04	50.21 5.83 -1.22	52.72 6.40 -0.26	55.45 6.64 0.00	57.19 6.89 -0.01	60.06 6.91 -0.81	64.87 7.34 -4.34	70.64 7.54 -11.43	201.49 8.42 -136.94	230.88 8.37 -165.93	254.90 7.30 -186.80	254.42 7.81 -184.14	266.20 8.66 -192.89	290.08 9.25 -209.11	318.70 11.87 -222.05	300.68 10.70 -209.56	310.47 9.07 -221.80	248.78 7.85 -168.93	287.52 6.23 -217.75	67.89 6.90 -4.92	57.73 6.69 0.41
SOUTHOLD___IC 23719	60.84 6.66 -2.92	55.14 6.63 -2.14	53.72 6.06 -3.44	49.47 5.80 -1.04	50.21 5.82 -1.22	52.72 6.40 -0.26	55.61 6.78 -0.01	57.15 6.84 -0.02	60.27 7.12 -0.81	64.71 7.18 -4.34	70.64 7.54 -11.43	201.44 8.36 -136.95	230.88 8.37 -165.93	254.90 7.29 -186.81	254.42 7.81 -184.14	266.52 8.98 -192.89	290.08 9.25 -209.11	318.86 12.03 -222.05	301.39 11.41 -209.56	310.79 9.39 -221.80	248.78 7.85 -168.93	287.52 6.23 -217.75	68.00 7.01 -4.92	57.63 6.59 0.41
SOUTH_FORK_WT_PWR 323839	60.64 6.46 -2.92	55.00 6.49 -2.14	53.59 5.93 -3.44	49.39 5.71 -1.04	50.13 5.74 -1.22	52.72 6.40 -0.26	55.51 6.69 -0.01	57.15 6.84 -0.02	60.38 7.23 -0.81	64.87 7.34 -4.34	70.80 7.70 -11.43	201.56 8.53 -136.91	231.01 8.54 -165.88	255.71 8.15 -186.75	255.18 8.62 -184.09	267.31 9.82 -192.83	290.73 9.97 -209.05	319.73 12.97 -221.98	302.30 12.38 -209.50	311.60 10.27 -221.73	249.38 8.49 -168.88	288.09 6.86 -217.69	68.00 7.01 -4.91	57.68 6.64 0.41
SPIERFLS_115KV_TB 1 80737	55.00 3.74 0.00	49.62 3.25 0.00	47.23 3.01 0.00	45.53 2.90 0.00	46.14 2.98 0.00	49.33 3.27 0.00	52.28 3.47 0.00	53.71 3.42 0.00	55.85 3.51 0.00	56.54 3.35 0.00	54.25 2.58 0.00	58.88 2.86 0.10	59.24 2.66 0.00	63.14 2.49 0.16	64.46 2.62 0.63	68.08 3.43 0.00	75.66 3.94 0.00	90.29 5.51 0.00	86.93 6.51 0.00	85.41 5.81 0.00	77.47 5.47 0.00	68.49 4.96 0.00	59.84 3.76 0.00	55.05 3.60 0.00
ST LAWRENCE____ 23600	50.44 -0.82 0.00	45.77 -0.60 0.00	43.69 -0.53 0.00	42.12 -0.51 0.00	42.65 -0.52 0.00	45.51 -0.55 0.00	48.23 -0.58 0.00	49.89 -0.40 0.00	51.98 -0.36 0.00	52.76 -0.43 0.00	51.31 -0.36 0.00	55.56 -0.56 0.00	56.07 -0.51 0.00	60.20 -0.61 0.00	61.78 -0.69 0.00	63.29 -1.36 0.00	70.21 -1.51 0.00	81.98 -2.80 0.00	77.84 -2.58 0.00	77.93 -1.68 0.00	70.71 -1.29 0.00	62.46 -1.08 0.00	55.63 -0.45 0.00	50.89 -0.56 0.00

STATE_CA_115KV_115_LB 55624	52.64 1.38 0.00	47.67 1.30 0.00	45.41 1.19 0.00	43.82 1.19 0.00	44.37 1.21 0.00	47.39 1.34 0.00	50.08 1.27 0.00	51.45 1.16 0.00	53.49 1.15 0.00	54.25 1.06 0.00	52.70 1.03 0.00	57.09 1.07 0.10	57.43 0.85 0.00	61.39 0.73 0.15	62.63 0.75 0.59	65.88 1.23 0.00	73.15 1.43 0.00	86.90 2.12 0.00	82.67 2.25 0.00	80.96 1.35 0.00	73.30 1.30 0.00	64.55 1.02 0.00	56.64 0.56 0.00	52.28 0.82 0.00
STATE_ST_34_KV_LOAD 55959	51.82 0.56 0.00	46.51 0.14 0.00	44.22 0.00 0.00	42.54 -0.09 0.00	43.08 -0.09 0.00	46.01 -0.05 0.00	48.96 0.15 0.00	50.19 -0.10 0.00	52.24 -0.10 0.00	53.19 0.00 0.00	51.57 -0.10 0.00	56.41 0.28 0.00	56.98 0.40 0.00	61.41 0.61 0.00	63.09 0.62 0.00	65.56 0.91 0.00	73.01 1.29 0.00	87.24 2.46 0.00	83.07 2.65 0.00	81.99 2.39 0.00	73.73 1.73 0.00	65.12 1.59 0.00	56.92 0.84 0.00	52.12 0.67 0.00
STATION_5_MISC_HYD 23604	51.47 0.21 0.00	45.63 -0.74 0.00	43.29 -0.93 0.00	41.57 -1.06 0.00	42.13 -1.04 0.00	44.91 -1.15 0.00	47.99 -0.83 0.00	49.04 -1.26 0.00	51.35 -1.00 0.00	52.39 -0.80 0.00	51.10 -0.57 0.00	56.24 0.11 0.00	57.15 0.57 0.00	61.66 0.85 0.00	63.47 1.00 0.00	66.02 1.36 0.00	73.43 1.72 0.00	88.00 3.22 0.00	83.55 3.13 0.00	82.31 2.71 0.00	73.73 1.73 0.00	65.06 1.52 0.00	56.75 0.68 0.00	52.27 0.82 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	51.47 0.21 0.00	45.86 -0.51 0.00	43.56 -0.66 0.00	41.78 -0.85 0.00	42.39 -0.78 0.00	45.23 -0.83 0.00	48.33 -0.49 0.00	49.39 -0.91 0.00	51.61 -0.73 0.00	52.60 -0.59 0.00	51.15 -0.52 0.00	56.13 0.00 0.00	56.92 0.34 0.00	61.54 0.73 0.00	63.28 0.81 0.00	65.75 1.10 0.00	73.22 1.51 0.00	87.66 2.88 0.00	83.47 3.06 0.00	82.23 2.63 0.00	73.73 1.73 0.00	65.06 1.52 0.00	56.75 0.67 0.00	51.92 0.46 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	51.16 -0.10 0.00	45.40 -0.97 0.00	43.11 -1.11 0.00	41.31 -1.32 0.00	41.91 -1.25 0.00	44.72 -1.34 0.00	47.79 -1.03 0.00	48.84 -1.46 0.00	51.14 -1.20 0.00	52.23 -0.96 0.00	50.89 -0.78 0.00	55.85 -0.28 0.00	56.81 0.23 0.00	61.35 0.55 0.00	63.16 0.69 0.00	65.69 1.03 0.00	73.08 1.36 0.00	87.49 2.71 0.00	83.15 2.73 0.00	81.83 2.23 0.00	73.37 1.37 0.00	64.74 1.21 0.00	56.47 0.39 0.00	51.71 0.26 0.00
STA_56___34_KV_BUS2 355983	51.16 -0.10 0.00	45.40 -0.97 0.00	43.11 -1.11 0.00	41.31 -1.32 0.00	41.91 -1.25 0.00	44.72 -1.34 0.00	47.79 -1.03 0.00	48.84 -1.46 0.00	51.14 -1.20 0.00	52.23 -0.96 0.00	50.89 -0.78 0.00	55.85 -0.28 0.00	56.81 0.23 0.00	61.35 0.55 0.00	63.16 0.69 0.00	65.69 1.03 0.00	73.08 1.36 0.00	87.49 2.71 0.00	83.15 2.73 0.00	81.83 2.23 0.00	73.37 1.37 0.00	64.74 1.21 0.00	56.47 0.39 0.00	51.71 0.26 0.00
STA_67___115KV_BK2 355882	51.31 0.05 0.00	45.54 -0.83 0.00	43.20 -1.02 0.00	41.39 -1.24 0.00	42.00 -1.17 0.00	44.81 -1.24 0.00	47.89 -0.93 0.00	48.89 -1.41 0.00	51.19 -1.15 0.00	52.23 -0.96 0.00	50.95 -0.72 0.00	55.90 -0.22 0.00	56.86 0.28 0.00	61.47 0.67 0.00	63.28 0.81 0.00	65.75 1.10 0.00	73.15 1.43 0.00	87.49 2.71 0.00	83.23 2.81 0.00	81.99 2.39 0.00	73.44 1.44 0.00	64.87 1.33 0.00	56.64 0.56 0.00	51.81 0.36 0.00
STA_7___115KV_9TRANS 80674	51.77 0.51 0.00	45.91 -0.46 0.00	43.51 -0.71 0.00	41.69 -0.94 0.00	42.30 -0.86 0.00	45.14 -0.92 0.00	48.28 -0.54 0.00	49.29 -1.01 0.00	51.66 -0.68 0.00	52.76 -0.43 0.00	51.41 -0.26 0.00	56.52 0.39 0.00	57.49 0.91 0.00	62.14 1.34 0.00	64.03 1.56 0.00	66.53 1.87 0.00	74.08 2.37 0.00	88.68 3.90 0.00	84.28 3.86 0.00	82.95 3.34 0.00	74.38 2.38 0.00	65.63 2.10 0.00	57.20 1.12 0.00	52.38 0.93 0.00
STA_82___115KV_TB1 80780	51.36 0.10 0.00	45.54 -0.83 0.00	43.20 -1.02 0.00	41.39 -1.24 0.00	42.04 -1.12 0.00	44.81 -1.24 0.00	47.89 -0.93 0.00	48.89 -1.41 0.00	51.19 -1.15 0.00	52.23 -0.96 0.00	50.95 -0.72 0.00	55.96 -0.17 0.00	56.86 0.28 0.00	61.47 0.67 0.00	63.28 0.81 0.00	65.75 1.10 0.00	73.15 1.43 0.00	87.58 2.80 0.00	83.23 2.81 0.00	81.99 2.39 0.00	73.51 1.51 0.00	64.87 1.33 0.00	56.64 0.56 0.00	51.86 0.41 0.00
STEEL___WIND 323596	51.47 0.21 0.00	45.21 -1.16 0.00	42.89 -1.33 0.00	40.97 -1.66 0.00	41.61 -1.55 0.00	44.35 -1.70 0.00	47.40 -1.42 0.00	47.83 -2.46 0.00	50.19 -2.15 0.00	51.17 -2.02 0.00	50.28 -1.39 0.00	55.56 -0.56 0.00	56.87 0.28 0.00	61.54 0.73 0.00	63.47 1.00 0.00	65.75 1.10 0.00	73.29 1.58 0.00	87.92 3.14 0.00	83.64 3.22 0.00	81.99 2.39 0.00	73.37 1.36 0.00	64.62 1.08 0.00	56.08 0.00 0.00	52.23 0.77 0.00
STEPHTWN_115KV_BK_2 55603	52.95 1.69 0.00	47.90 1.53 0.00	45.63 1.42 0.00	44.04 1.41 0.00	44.54 1.38 0.00	47.62 1.57 0.00	50.38 1.56 0.00	51.75 1.46 0.00	53.81 1.47 0.00	54.52 1.33 0.00	52.91 1.24 0.00	57.32 1.29 0.09	57.60 1.02 0.00	61.51 0.85 0.14	62.83 0.94 0.57	66.08 1.42 0.00	73.44 1.72 0.00	87.32 2.54 0.00	83.15 2.73 0.00	81.35 1.75 0.00	73.59 1.58 0.00	64.81 1.27 0.00	56.92 0.84 0.00	52.48 1.03 0.00
STEUBEN_REC_LFGE 323667	53.05 1.79 0.00	46.93 0.56 0.00	44.53 0.31 0.00	42.59 -0.04 0.00	43.29 0.13 0.00	46.20 0.14 0.00	49.45 0.63 0.00	49.79 -0.50 0.00	51.87 -0.47 0.00	52.66 -0.53 0.00	51.26 -0.41 0.00	56.57 0.45 0.00	57.83 1.24 0.00	62.69 1.88 0.00	64.53 2.06 0.00	66.98 2.33 0.00	74.94 3.23 0.00	89.95 5.17 0.00	86.05 5.63 0.00	84.94 5.33 0.00	76.11 4.10 0.00	67.09 3.56 0.00	58.10 2.02 0.00	53.20 1.75 0.00
STILLWATER___SOLAR 323814	54.28 3.02 0.00	49.06 2.69 0.00	46.74 2.52 0.00	45.06 2.43 0.00	45.62 2.46 0.00	48.77 2.72 0.00	51.60 2.78 0.00	53.01 2.71 0.00	55.06 2.72 0.00	55.74 2.55 0.00	53.84 2.17 0.00	58.31 2.30 0.12	58.79 2.20 0.00	62.82 2.19 0.18	64.08 2.31 0.70	67.76 3.10 0.00	75.23 3.51 0.00	89.69 4.92 0.00	85.72 5.31 0.00	84.06 4.46 0.00	76.18 4.17 0.00	67.22 3.68 0.00	58.88 2.80 0.00	54.18 2.73 0.00
STONY___BROOK 24151	59.29 4.82 -3.21	53.71 5.19 -2.14	52.40 4.73 -3.44	48.15 4.47 -1.04	48.83 4.45 -1.22	51.16 4.83 -0.26	53.95 5.12 -0.01	55.25 4.93 -0.02	57.99 4.71 -0.94	62.51 4.36 -4.95	70.73 4.39 -14.67	236.51 4.66 -175.73	273.20 4.64 -211.98	305.49 4.99 -239.70	303.55 5.31 -235.77	318.22 6.34 -247.23	345.98 6.67 -267.59	378.35 8.73 -284.84	357.24 7.96 -268.86	370.39 6.21 -284.57	293.95 5.40 -216.55	347.34 4.45 -279.36	66.20 4.15 -5.97	54.79 4.02 0.68
STURGEON_POOL_HYD 23609	53.93 2.67 0.00	48.97 2.60 0.00	46.56 2.34 0.00	44.85 2.22 0.00	45.32 2.16 0.00	48.45 2.39 0.00	51.26 2.44 0.00	52.76 2.46 0.00	54.75 2.41 0.00	55.58 2.39 0.00	54.15 2.48 0.00	58.88 2.69 -0.06	59.13 2.55 0.00	62.34 3.16 1.63	64.26 3.25 1.46	66.46 3.88 2.07	73.55 4.45 2.61	90.62 5.85 0.00	85.72 5.31 0.00	83.50 3.90 0.00	75.24 3.24 0.00	66.08 2.54 0.00	58.43 2.36 0.00	54.13 2.68 0.00

ST_LAW_115_BK7_LBMP 345037	50.39 -0.87 0.00	45.77 -0.60 0.00	43.69 -0.53 0.00	42.12 -0.51 0.00	42.65 -0.52 0.00	45.51 -0.55 0.00	48.23 -0.58 0.00	49.89 -0.40 0.00	52.03 -0.31 0.00	52.76 -0.43 0.00	51.31 -0.36 0.00	55.56 -0.56 0.00	56.07 -0.51 0.00	60.20 -0.61 0.00	61.72 -0.75 0.00	63.23 -1.42 0.00	70.14 -1.58 0.00	81.81 -2.97 0.00	77.68 -2.73 0.00	77.85 -1.75 0.00	70.63 -1.37 0.00	62.46 -1.08 0.00	55.63 -0.45 0.00	50.89 -0.56 0.00
ST_LAW_115_BK8_LBMP 345038	50.39 -0.87 0.00	45.77 -0.60 0.00	43.69 -0.53 0.00	42.12 -0.51 0.00	42.65 -0.52 0.00	45.51 -0.55 0.00	48.23 -0.58 0.00	49.89 -0.40 0.00	52.03 -0.31 0.00	52.76 -0.43 0.00	51.31 -0.36 0.00	55.56 -0.56 0.00	56.07 -0.51 0.00	60.20 -0.61 0.00	61.72 -0.75 0.00	63.23 -1.42 0.00	70.14 -1.58 0.00	81.81 -2.97 0.00	77.68 -2.73 0.00	77.85 -1.75 0.00	70.63 -1.37 0.00	62.46 -1.08 0.00	55.63 -0.45 0.00	50.89 -0.56 0.00
ST_LAW_230_BK5_LBMP 345035	50.44 -0.82 0.00	45.77 -0.60 0.00	43.69 -0.53 0.00	42.12 -0.51 0.00	42.65 -0.52 0.00	45.51 -0.55 0.00	48.23 -0.58 0.00	49.89 -0.40 0.00	51.98 -0.36 0.00	52.76 -0.43 0.00	51.31 -0.36 0.00	55.56 -0.56 0.00	56.07 -0.51 0.00	60.20 -0.61 0.00	61.78 -0.69 0.00	63.29 -1.36 0.00	70.21 -1.51 0.00	81.98 -2.80 0.00	77.84 -2.58 0.00	77.93 -1.68 0.00	70.71 -1.29 0.00	62.46 -1.08 0.00	55.63 -0.45 0.00	50.89 -0.56 0.00
ST_LAW_230_BK6_LBMP 345036	50.44 -0.82 0.00	45.77 -0.60 0.00	43.69 -0.53 0.00	42.12 -0.51 0.00	42.65 -0.52 0.00	45.51 -0.55 0.00	48.23 -0.58 0.00	49.89 -0.40 0.00	51.98 -0.36 0.00	52.76 -0.43 0.00	51.31 -0.36 0.00	55.56 -0.56 0.00	56.07 -0.51 0.00	60.20 -0.61 0.00	61.78 -0.69 0.00	63.29 -1.36 0.00	70.21 -1.51 0.00	81.98 -2.80 0.00	77.84 -2.58 0.00	77.93 -1.68 0.00	70.71 -1.29 0.00	62.46 -1.08 0.00	55.63 -0.45 0.00	50.89 -0.56 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	53.77 2.51 0.00	48.83 2.46 0.00	46.43 2.21 0.00	44.72 2.09 0.00	45.19 2.03 0.00	48.31 2.26 0.00	51.16 2.34 0.00	52.66 2.36 0.00	54.70 2.36 0.00	55.53 2.34 0.00	54.20 2.53 0.00	58.76 2.53 -0.11	59.13 2.55 0.00	63.76 2.80 -0.16	66.10 3.00 -0.64	68.21 3.56 0.00	75.80 4.09 0.00	90.12 5.34 0.00	85.48 5.07 0.00	83.34 3.74 0.00	75.10 3.10 0.00	65.95 2.41 0.00	58.10 2.02 0.00	53.72 2.26 0.00
SWANROAD_115KV_TB1 355699	50.39 -0.87 0.00	44.19 -2.18 0.00	41.92 -2.30 0.00	39.56 -3.07 0.00	40.27 -2.89 0.00	42.83 -3.22 0.00	46.13 -2.68 0.00	46.17 -4.12 0.00	48.31 -4.03 0.00	49.25 -3.94 0.00	48.31 -3.36 0.00	53.32 -2.81 0.00	54.77 -1.81 0.00	59.35 -1.25 0.00	61.22 -1.25 0.00	63.36 -1.29 0.00	70.50 -1.22 0.00	84.44 -0.34 0.00	80.50 0.08 0.00	79.04 -0.56 0.00	70.70 -1.30 0.00	62.46 -1.08 0.00	54.51 -1.57 0.00	50.12 -1.34 0.00
SYNERGY___BIOGAS 323694	52.18 0.92 0.00	45.86 -0.51 0.00	43.47 -0.75 0.00	41.27 -1.36 0.00	42.00 -1.17 0.00	44.77 -1.29 0.00	48.13 -0.68 0.00	48.63 -1.66 0.00	50.93 -1.41 0.00	51.91 -1.28 0.00	50.74 -0.93 0.00	55.96 -0.17 0.00	57.26 0.68 0.00	62.02 1.22 0.00	63.97 1.50 0.00	66.40 1.75 0.00	73.94 2.22 0.00	88.93 4.15 0.00	84.92 4.50 0.00	83.50 3.90 0.00	74.59 2.59 0.00	65.89 2.35 0.00	57.31 1.23 0.00	52.53 1.08 0.00
SYRACUSE___ENERGY_ST1 323597	51.41 0.15 0.00	46.23 -0.14 0.00	44.00 -0.22 0.00	42.33 -0.30 0.00	42.90 -0.26 0.00	45.78 -0.28 0.00	48.67 -0.15 0.00	49.99 -0.30 0.00	51.97 -0.37 0.00	52.92 -0.27 0.00	51.26 -0.41 0.00	55.96 -0.17 0.00	56.47 -0.11 0.00	60.81 0.00 0.00	62.47 0.00 0.00	64.85 0.19 0.00	72.15 0.43 0.00	85.97 1.19 0.00	81.62 1.21 0.00	80.64 1.03 0.00	72.65 0.65 0.00	64.17 0.64 0.00	56.25 0.17 0.00	51.56 0.10 0.00
SYRACUSE___ENERGY_ST2 323598	51.41 0.15 0.00	46.23 -0.14 0.00	44.00 -0.22 0.00	42.33 -0.30 0.00	42.90 -0.26 0.00	45.78 -0.28 0.00	48.67 -0.15 0.00	49.99 -0.30 0.00	51.97 -0.37 0.00	52.92 -0.27 0.00	51.26 -0.41 0.00	55.96 -0.17 0.00	56.47 -0.11 0.00	60.81 0.00 0.00	62.47 0.00 0.00	64.85 0.19 0.00	72.15 0.43 0.00	85.97 1.19 0.00	81.62 1.21 0.00	80.64 1.03 0.00	72.65 0.65 0.00	64.17 0.64 0.00	56.25 0.17 0.00	51.56 0.10 0.00
SYRACUSE___POWER 24017	51.36 0.10 0.00	46.14 -0.23 0.00	43.95 -0.27 0.00	42.29 -0.34 0.00	42.86 -0.30 0.00	45.73 -0.32 0.00	48.62 -0.20 0.00	49.94 -0.35 0.00	51.97 -0.37 0.00	52.92 -0.27 0.00	51.31 -0.36 0.00	55.96 -0.17 0.00	56.47 -0.11 0.00	60.81 0.00 0.00	62.47 0.00 0.00	64.85 0.19 0.00	72.15 0.43 0.00	85.97 1.19 0.00	81.62 1.21 0.00	80.64 1.03 0.00	72.65 0.65 0.00	64.11 0.57 0.00	56.19 0.11 0.00	51.56 0.10 0.00
TALLMAN_138KV_BK151 55660	54.13 2.87 0.00	49.20 2.83 0.00	46.74 2.52 0.00	44.97 2.34 0.00	45.45 2.29 0.00	48.64 2.58 0.00	51.50 2.68 0.00	53.01 2.72 0.00	55.06 2.72 0.00	55.96 2.77 0.00	54.67 3.00 0.00	59.21 2.97 -0.11	59.64 3.06 0.00	64.32 3.34 -0.17	66.71 3.56 -0.68	68.86 4.20 0.00	76.45 4.73 0.00	90.88 6.10 0.00	86.13 5.71 0.00	83.82 4.22 0.00	75.53 3.53 0.00	66.27 2.73 0.00	58.32 2.24 0.00	53.97 2.52 0.00
TEALLAVE_115KV_TB7 355573	51.16 -0.10 0.00	45.95 -0.42 0.00	43.78 -0.44 0.00	42.12 -0.51 0.00	42.69 -0.47 0.00	45.55 -0.51 0.00	48.42 -0.39 0.00	49.79 -0.50 0.00	51.82 -0.52 0.00	52.82 -0.37 0.00	51.20 -0.47 0.00	55.85 -0.28 0.00	56.36 -0.23 0.00	60.62 -0.18 0.00	62.28 -0.19 0.00	64.66 0.00 0.00	71.86 0.14 0.00	85.54 0.76 0.00	81.22 0.80 0.00	80.24 0.64 0.00	72.29 0.29 0.00	63.85 0.32 0.00	55.91 -0.17 0.00	51.35 -0.10 0.00
TELGRAPH_34_KV_EAST 80808	51.31 0.05 0.00	45.07 -1.30 0.00	42.72 -1.50 0.00	40.50 -2.13 0.00	41.22 -1.94 0.00	43.89 -2.16 0.00	47.20 -1.61 0.00	47.53 -2.77 0.00	49.83 -2.51 0.00	50.80 -2.39 0.00	49.76 -1.91 0.00	54.84 -1.29 0.00	56.19 -0.40 0.00	60.87 0.06 0.00	62.78 0.31 0.00	65.11 0.45 0.00	72.43 0.72 0.00	86.90 2.12 0.00	82.91 2.49 0.00	81.43 1.83 0.00	72.79 0.79 0.00	64.30 0.76 0.00	56.02 -0.06 0.00	51.45 0.00 0.00
TEMPLE___115KV_TB 2 55572	51.16 -0.10 0.00	46.00 -0.37 0.00	43.78 -0.44 0.00	42.16 -0.47 0.00	42.69 -0.47 0.00	45.55 -0.51 0.00	48.42 -0.39 0.00	49.79 -0.50 0.00	51.82 -0.52 0.00	52.82 -0.37 0.00	51.20 -0.47 0.00	55.85 -0.28 0.00	56.36 -0.23 0.00	60.68 -0.12 0.00	62.28 -0.19 0.00	64.66 0.00 0.00	71.93 0.22 0.00	85.63 0.85 0.00	81.30 0.88 0.00	80.24 0.64 0.00	72.29 0.29 0.00	63.85 0.32 0.00	55.97 -0.11 0.00	51.35 -0.10 0.00
TIANA___69_KV_BK 1 55817	59.72 5.54 -2.92	54.17 5.66 -2.14	52.84 5.17 -3.44	48.58 4.90 -1.04	49.26 4.88 -1.22	51.66 5.34 -0.26	54.38 5.56 0.00	55.94 5.63 -0.01	58.44 5.29 -0.81	63.01 5.48 -4.34	68.68 5.58 -11.43	199.23 6.17 -136.93	228.55 6.05 -165.91	253.85 6.26 -186.78	253.28 6.68 -184.12	265.02 7.50 -192.87	289.12 8.32 -209.09	317.40 10.60 -222.03	299.85 9.89 -209.54	309.73 8.36 -221.77	248.05 7.13 -168.92	287.05 5.78 -217.73	66.10 5.10 -4.92	56.08 5.04 0.41

TILDEN___115KV_TB1 80814	51.36 0.10 0.00	46.14 -0.23 0.00	43.95 -0.27 0.00	42.29 -0.34 0.00	42.86 -0.30 0.00	45.73 -0.32 0.00	48.62 -0.20 0.00	49.94 -0.35 0.00	51.97 -0.37 0.00	52.92 -0.27 0.00	51.31 -0.36 0.00	55.96 -0.17 0.00	56.47 -0.11 0.00	60.81 0.00 0.00	62.47 0.00 0.00	64.85 0.19 0.00	72.15 0.43 0.00	85.97 1.19 0.00	81.62 1.21 0.00	80.64 1.03 0.00	72.65 0.65 0.00	64.11 0.57 0.00	56.19 0.11 0.00	51.56 0.10 0.00
TRIGEN___CC 323695	64.96 4.05 -9.65	52.44 3.94 -2.13	51.25 3.58 -3.44	47.04 3.37 -1.04	47.71 3.32 -1.22	49.96 3.64 -0.26	52.67 3.86 0.00	54.17 3.87 0.00	56.01 3.66 0.00	56.91 3.72 0.00	55.60 3.93 0.00	60.35 4.10 -0.12	92.33 4.19 -31.56	65.49 4.50 -0.18	79.24 4.75 -12.02	80.56 5.37 -10.54	102.96 6.02 -25.22	97.06 7.55 -4.74	90.67 7.08 -3.18	87.93 5.57 -2.75	85.34 4.82 -8.51	71.12 3.88 -3.71	66.59 3.42 -7.09	55.18 3.70 -0.02
TRINITY___115KV___4 BK 55933	52.44 1.18 0.00	47.48 1.11 0.00	45.28 1.06 0.00	43.70 1.07 0.00	44.20 1.04 0.00	47.21 1.15 0.00	49.89 1.07 0.00	51.25 0.96 0.00	53.28 0.94 0.00	54.04 0.85 0.00	52.44 0.78 0.10	56.76 0.73 0.10	57.15 0.57 0.00	61.09 0.43 0.14	62.39 0.50 0.58	65.56 0.91 0.00	72.79 1.08 0.00	86.47 1.70 0.00	82.27 1.85 0.00	80.56 0.96 0.00	72.94 0.94 0.00	64.17 0.64 0.00	56.36 0.28 0.00	52.07 0.62 0.00
UNION___PROCESSING_DRP 323587	51.36 0.10 0.00	45.54 -0.83 0.00	43.25 -0.97 0.00	41.39 -1.24 0.00	42.04 -1.12 0.00	44.81 -1.24 0.00	47.94 -0.88 0.00	48.89 -1.41 0.00	51.24 -1.10 0.00	52.23 -0.96 0.00	50.95 -0.72 0.00	55.96 -0.17 0.00	56.92 0.34 0.00	61.47 0.67 0.00	63.28 0.81 0.00	65.75 1.10 0.00	73.15 1.43 0.00	87.58 2.80 0.00	83.31 2.90 0.00	82.07 2.47 0.00	73.51 1.51 0.00	64.93 1.40 0.00	56.64 0.56 0.00	51.86 0.41 0.00
UPPER HUDSON___HYD 24058	54.95 3.69 0.00	49.62 3.24 0.00	47.23 3.01 0.00	45.49 2.86 0.00	46.14 2.98 0.00	49.33 3.27 0.00	52.28 3.47 0.00	53.72 3.42 0.00	55.85 3.51 0.00	56.54 3.35 0.00	54.25 2.58 0.00	58.88 2.86 0.10	59.24 2.66 0.00	63.14 2.49 0.16	64.46 2.62 0.63	68.21 3.55 0.00	75.73 4.01 0.00	90.37 5.59 0.00	86.93 6.51 0.00	85.41 5.81 0.00	77.47 5.47 0.00	68.50 4.96 0.00	59.84 3.76 0.00	55.00 3.55 0.00
UPPER RAQUET___HYD 24056	51.11 -0.15 0.00	46.37 0.00 0.00	44.26 0.04 0.00	42.63 0.00 0.00	43.34 0.17 0.00	46.20 0.14 0.00	49.16 0.34 0.00	50.90 0.61 0.00	52.97 0.63 0.00	53.67 0.48 0.00	51.93 0.26 0.00	56.13 0.00 0.00	56.64 0.06 0.00	60.87 0.06 0.00	61.97 -0.50 0.00	62.97 -1.68 0.00	69.71 -2.01 0.00	80.71 -4.07 0.00	77.44 -2.97 0.00	77.93 -1.68 0.00	71.14 -0.86 0.00	63.09 -0.44 0.00	56.64 0.56 0.00	51.92 0.46 0.00
VALLEY44_115KV_TB2 355964	51.57 0.31 0.00	45.35 -1.02 0.00	43.03 -1.19 0.00	41.01 -1.62 0.00	41.74 -1.42 0.00	44.58 -1.47 0.00	47.74 -1.07 0.00	47.78 -2.51 0.00	50.20 -2.15 0.00	51.01 -2.18 0.00	49.96 -1.71 0.00	55.12 -1.01 0.00	56.36 -0.23 0.00	61.17 0.36 0.00	63.09 0.62 0.00	65.37 0.71 0.00	73.08 1.36 0.00	87.32 2.54 0.00	83.31 2.90 0.00	81.75 2.15 0.00	73.08 1.08 0.00	64.36 0.83 0.00	55.57 -0.50 0.00	51.56 0.10 0.00
VALLEY___115KV_TB 1-4 80826	52.18 0.92 0.00	47.16 0.79 0.00	44.97 0.75 0.00	43.35 0.72 0.00	43.90 0.73 0.00	46.89 0.83 0.00	49.74 0.93 0.00	51.25 0.96 0.00	53.28 0.94 0.00	54.15 0.96 0.00	52.60 0.93 0.00	57.19 1.07 0.00	57.60 1.02 0.00	61.90 1.09 0.00	63.59 1.12 0.00	65.88 1.23 0.00	73.15 1.43 0.00	86.81 2.03 0.00	82.43 2.01 0.00	81.35 1.75 0.00	73.59 1.58 0.00	64.87 1.33 0.00	57.09 1.01 0.00	52.38 0.93 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	53.77 2.51 0.00	48.55 2.18 0.00	46.30 2.08 0.00	44.72 2.09 0.00	45.28 2.11 0.00	48.31 2.26 0.00	51.26 2.44 0.00	52.66 2.36 0.00	54.70 2.36 0.00	55.64 2.45 0.00	54.10 2.43 0.00	58.88 2.75 0.00	59.30 2.72 0.00	63.79 2.98 0.00	65.47 3.00 0.00	68.08 3.43 0.00	75.73 4.02 0.00	90.20 5.43 0.00	85.81 5.39 0.00	84.30 4.70 0.00	76.03 4.03 0.00	66.97 3.43 0.00	58.60 2.52 0.00	53.87 2.42 0.00
VISCHER___FERRY HYD 24020	53.41 2.15 0.00	48.36 1.99 0.00	46.08 1.86 0.00	44.42 1.79 0.00	44.98 1.81 0.00	48.08 2.02 0.00	50.82 2.00 0.00	52.25 1.96 0.00	54.28 1.94 0.00	55.00 1.81 0.00	53.32 1.65 0.00	57.61 1.63 0.14	58.22 1.64 0.00	62.23 1.64 0.22	63.29 1.69 0.87	67.11 2.46 0.00	74.37 2.66 0.00	88.60 3.82 0.00	84.44 4.02 0.00	82.55 2.95 0.00	74.81 2.81 0.00	65.76 2.22 0.00	57.71 1.63 0.00	53.20 1.75 0.00
V_A_10_SYNC_DSASP 323832	50.54 -0.72 0.00	44.56 -1.81 0.00	42.32 -1.90 0.00	40.46 -2.17 0.00	41.13 -2.03 0.00	43.80 -2.26 0.00	46.86 -1.95 0.00	47.43 -2.87 0.00	49.78 -2.56 0.00	50.74 -2.45 0.00	49.65 -2.02 0.00	54.67 -1.46 0.00	55.73 -0.85 0.00	60.26 -0.55 0.00	62.09 -0.37 0.00	64.40 -0.26 0.00	71.64 -0.07 0.00	85.71 0.93 0.00	81.62 1.21 0.00	80.24 0.64 0.00	71.86 -0.14 0.00	63.47 -0.06 0.00	55.41 -0.67 0.00	50.84 -0.62 0.00
V_CMM_10_SYNC_DSASP 323787	50.70 -0.56 0.00	46.05 -0.32 0.00	43.96 -0.26 0.00	42.33 -0.30 0.00	42.91 -0.26 0.00	45.74 -0.32 0.00	48.48 -0.34 0.00	50.14 -0.15 0.00	52.29 -0.05 0.00	53.03 -0.16 0.00	51.57 -0.10 0.00	55.85 -0.28 0.00	56.41 -0.17 0.00	60.56 -0.24 0.00	62.10 -0.37 0.00	63.56 -1.10 0.00	70.50 -1.22 0.00	82.41 -2.37 0.00	78.17 -2.25 0.00	78.33 -1.28 0.00	71.14 -0.86 0.00	62.84 -0.70 0.00	55.97 -0.11 0.00	51.20 -0.26 0.00
V_CMP_10_SYNC_DSASP 323788	50.75 -0.51 0.00	46.05 -0.32 0.00	44.00 -0.22 0.00	42.38 -0.25 0.00	42.95 -0.21 0.00	45.78 -0.27 0.00	48.52 -0.29 0.00	49.69 -0.60 0.00	51.45 -0.89 0.00	52.18 -1.01 0.00	50.95 -0.72 0.00	54.89 -1.24 0.00	55.39 -1.19 0.00	59.22 -1.58 0.00	60.66 -1.81 0.00	62.20 -2.46 0.00	68.99 -2.73 0.00	80.80 -3.98 0.00	76.56 -3.86 0.00	76.74 -2.86 0.00	69.69 -2.31 0.00	61.44 -2.10 0.00	55.01 -1.07 0.00	50.99 -0.46 0.00
V_D_10_SYNC_DSASP 323841	51.01 -0.26 0.00	46.28 -0.09 0.00	44.22 0.00 0.00	42.59 -0.04 0.00	43.16 0.00 0.00	46.01 -0.05 0.00	48.77 -0.05 0.00	50.55 0.25 0.00	52.66 0.32 0.00	53.40 0.21 0.00	51.88 0.21 0.00	56.07 -0.06 0.00	56.64 0.06 0.00	60.87 0.06 0.00	62.28 -0.19 0.00	63.75 -0.91 0.00	70.71 -1.00 0.00	82.15 -2.63 0.00	78.49 -1.93 0.00	78.73 -0.87 0.00	71.50 -0.50 0.00	63.22 -0.32 0.00	56.36 0.28 0.00	51.56 0.10 0.00
V_E_10_SYNC_DSASP 323830	55.92 4.66 0.00	50.13 3.75 0.00	47.67 3.45 0.00	45.83 3.20 0.00	46.53 3.37 0.00	49.79 3.73 0.00	53.36 4.54 0.00	54.67 4.37 0.00	56.43 4.09 0.00	57.29 4.10 0.00	55.49 3.82 0.00	60.73 4.60 0.00	61.16 4.58 0.00	65.91 5.11 0.00	67.40 4.93 0.00	70.28 5.62 0.00	78.60 6.89 0.00	95.12 10.34 0.00	91.03 10.61 0.00	90.03 10.43 0.00	80.93 8.93 0.00	71.41 7.88 0.00	61.58 5.50 0.00	56.29 4.84 0.00

V_F_30_NSYNC___DSASP 323816	54.34 3.08 0.00	49.11 2.74 0.00	46.78 2.56 0.00	45.10 2.47 0.00	45.67 2.50 0.00	48.82 2.76 0.00	51.65 2.83 0.00	53.06 2.76 0.00	55.17 2.82 0.00	55.85 2.66 0.00	54.00 2.33 0.00	58.43 2.41 0.11	58.96 2.38 0.00	63.01 2.37 0.17	64.23 2.43 0.67	67.89 3.23 0.00	75.37 3.66 0.00	89.87 5.09 0.00	85.81 5.39 0.00	84.22 4.62 0.00	76.32 4.32 0.00	67.35 3.81 0.00	58.99 2.91 0.00	54.28 2.83 0.00
V_F_30_SYNC_DSASP 323786	52.64 1.38 0.00	47.67 1.30 0.00	45.41 1.19 0.00	43.82 1.19 0.00	44.37 1.21 0.00	47.39 1.34 0.00	50.08 1.27 0.00	51.45 1.16 0.00	53.49 1.15 0.00	54.25 1.06 0.00	52.65 0.98 0.00	57.04 1.01 0.10	57.43 0.85 0.00	61.33 0.67 0.15	62.63 0.75 0.59	65.88 1.23 0.00	73.15 1.43 0.00	86.90 2.12 0.00	82.67 2.25 0.00	80.96 1.35 0.00	73.23 1.22 0.00	64.55 1.02 0.00	56.64 0.56 0.00	52.28 0.82 0.00
V_XM_10_SYNC_DSASP 323789	50.75 -0.51 0.00	46.05 -0.32 0.00	44.00 -0.22 0.00	42.38 -0.25 0.00	42.95 -0.21 0.00	45.78 -0.27 0.00	48.52 -0.29 0.00	49.69 -0.60 0.00	51.45 -0.89 0.00	52.18 -1.01 0.00	50.95 -0.72 0.00	54.89 -1.24 0.00	55.39 -1.19 0.00	59.22 -1.58 0.00	60.66 -1.81 0.00	62.20 -2.46 0.00	68.99 -2.73 0.00	80.80 -3.98 0.00	76.56 -3.86 0.00	76.74 -2.86 0.00	69.69 -2.31 0.00	61.44 -2.10 0.00	55.01 -1.07 0.00	50.99 -0.46 0.00
W.BABYLN_69_KV_BK1 56697	59.98 5.33 -3.39	53.88 5.38 -2.13	52.57 4.91 -3.44	48.32 4.65 -1.04	49.01 4.62 -1.22	51.34 5.02 -0.26	54.04 5.22 0.00	55.53 5.23 0.00	57.42 4.82 -0.27	59.62 4.95 -1.48	58.06 5.01 -1.38	78.25 5.44 -16.68	90.67 5.43 -28.66	89.41 5.84 -22.76	94.65 6.18 -26.00	97.85 6.98 -26.21	111.76 7.89 -32.16	122.94 10.00 -28.16	116.05 9.41 -26.22	114.91 7.72 -27.59	101.38 6.62 -22.76	96.30 5.40 -27.36	62.91 4.65 -2.17	56.05 4.73 0.14
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	54.29 3.02 0.00	49.29 2.92 0.00	46.83 2.61 0.00	45.10 2.47 0.00	45.54 2.37 0.00	48.73 2.67 0.00	51.60 2.78 0.00	53.11 2.82 0.00	55.22 2.88 0.00	56.06 2.87 0.00	54.77 3.10 0.00	59.38 3.14 -0.11	59.81 3.23 0.00	64.51 3.53 -0.17	66.91 3.75 -0.69	69.05 4.40 0.00	76.66 4.95 0.00	91.14 6.36 0.00	86.37 5.95 0.00	84.06 4.46 0.00	75.75 3.74 0.00	66.46 2.92 0.00	58.55 2.47 0.00	54.13 2.68 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	54.85 3.59 0.00	49.90 3.52 0.00	47.36 3.14 0.00	45.53 2.90 0.00	46.01 2.85 0.00	49.23 3.18 0.00	52.18 3.37 0.00	53.76 3.47 0.00	55.80 3.45 0.00	56.70 3.51 0.00	55.49 3.82 0.00	60.06 3.82 -0.12	60.49 3.90 0.00	65.19 4.20 -0.18	67.70 4.50 -0.74	69.76 5.11 0.00	77.38 5.67 0.00	91.82 7.04 0.00	86.93 6.51 0.00	84.38 4.78 0.00	76.03 4.03 0.00	66.71 3.18 0.00	59.05 2.97 0.00	54.75 3.29 0.00
W50THST__13_KV_LOAD 356117	55.16 3.90 0.00	50.17 3.80 0.00	47.62 3.40 0.00	45.78 3.15 0.00	46.27 3.11 0.00	49.51 3.45 0.00	52.53 3.71 0.00	54.12 3.82 0.00	56.21 3.87 0.00	57.13 3.94 0.00	55.96 4.29 0.00	60.57 4.32 -0.12	60.99 4.41 0.00	65.73 4.74 -0.18	68.27 5.06 -0.74	70.34 5.69 0.00	78.03 6.31 0.00	92.49 7.71 0.00	87.49 7.08 0.00	84.94 5.33 0.00	76.54 4.54 0.00	67.09 3.56 0.00	59.44 3.36 0.00	55.05 3.60 0.00
WADING RIVER_IC_1 23522	58.79 4.62 -2.91	53.47 4.96 -2.14	52.13 4.46 -3.44	47.89 4.22 -1.04	48.57 4.19 -1.22	50.93 4.61 -0.26	53.70 4.88 -0.01	55.04 4.73 -0.02	57.66 4.50 -0.81	61.78 4.26 -4.33	67.51 4.44 -11.39	197.47 4.83 -136.52	226.56 4.58 -165.40	251.82 4.80 -186.21	251.15 5.12 -183.56	263.13 6.21 -192.27	286.68 6.53 -208.44	314.77 8.65 -221.34	297.28 7.96 -208.90	307.30 6.60 -221.09	246.08 5.69 -168.40	285.18 4.58 -217.06	65.19 4.21 -4.90	55.01 3.96 0.41
WADING RIVER_IC_2 23547	58.79 4.62 -2.91	53.47 4.96 -2.14	52.13 4.46 -3.44	47.89 4.22 -1.04	48.57 4.19 -1.22	50.93 4.61 -0.26	53.70 4.88 -0.01	55.04 4.73 -0.02	57.66 4.50 -0.81	61.78 4.26 -4.33	67.51 4.44 -11.39	197.47 4.83 -136.52	226.56 4.58 -165.40	251.82 4.80 -186.21	251.15 5.12 -183.56	263.13 6.21 -192.27	286.68 6.53 -208.44	314.77 8.65 -221.34	297.28 7.96 -208.90	307.30 6.60 -221.09	246.08 5.69 -168.40	285.18 4.58 -217.06	65.19 4.21 -4.90	55.01 3.96 0.41
WADING RIVER_IC_3 23601	58.79 4.62 -2.91	53.47 4.96 -2.14	52.13 4.46 -3.44	47.89 4.22 -1.04	48.57 4.19 -1.22	50.93 4.61 -0.26	53.70 4.88 -0.01	55.04 4.73 -0.02	57.66 4.50 -0.81	61.78 4.26 -4.33	67.51 4.44 -11.39	197.47 4.83 -136.52	226.56 4.58 -165.40	251.82 4.80 -186.21	251.15 5.12 -183.56	263.13 6.21 -192.27	286.68 6.53 -208.44	314.77 8.65 -221.34	297.28 7.96 -208.90	307.30 6.60 -221.09	246.08 5.69 -168.40	285.18 4.58 -217.06	65.19 4.21 -4.90	55.01 3.96 0.41
WALDENNY_12_KV_BK2 80841	51.57 0.31 0.00	45.26 -1.11 0.00	42.94 -1.28 0.00	40.84 -1.79 0.00	41.61 -1.55 0.00	44.31 -1.75 0.00	47.45 -1.37 0.00	47.78 -2.51 0.00	50.20 -2.15 0.00	51.17 -2.02 0.00	50.22 -1.45 0.00	55.45 -0.67 0.00	56.81 0.23 0.00	61.66 0.85 0.00	63.59 1.12 0.00	65.88 1.23 0.00	73.36 1.65 0.00	87.75 2.97 0.00	83.71 3.30 0.00	82.07 2.47 0.00	73.37 1.37 0.00	64.68 1.14 0.00	56.25 0.17 0.00	51.76 0.31 0.00
WALDEN___HYDRO 24148	54.13 2.87 0.00	49.11 2.74 0.00	46.70 2.48 0.00	44.97 2.34 0.00	45.45 2.29 0.00	48.64 2.58 0.00	51.45 2.64 0.00	52.96 2.67 0.00	55.01 2.67 0.00	55.85 2.66 0.00	54.36 2.69 0.00	58.91 2.69 -0.09	59.30 2.72 0.00	63.87 2.92 -0.14	65.98 2.94 -0.57	68.28 3.62 0.00	75.87 4.16 0.00	90.37 5.60 0.00	85.72 5.31 0.00	83.58 3.98 0.00	75.31 3.31 0.00	66.20 2.67 0.00	58.49 2.41 0.00	54.18 2.73 0.00
WARRENSBURG____ 23737	55.00 3.74 0.00	49.62 3.25 0.00	47.23 3.01 0.00	45.53 2.90 0.00	46.14 2.98 0.00	49.33 3.27 0.00	52.28 3.47 0.00	53.71 3.42 0.00	55.85 3.51 0.00	56.54 3.35 0.00	54.25 2.58 0.00	58.88 2.86 0.10	59.24 2.66 0.00	63.14 2.49 0.16	64.46 2.62 0.63	68.08 3.43 0.00	75.66 3.94 0.00	90.29 5.51 0.00	86.93 6.51 0.00	85.41 5.81 0.00	77.47 5.47 0.00	68.49 4.96 0.00	59.84 3.76 0.00	55.05 3.60 0.00
WATERSIDE___6 8 9 23538	54.59 3.33 0.00	50.08 3.71 0.00	47.54 3.32 0.00	45.70 3.07 0.00	46.14 2.98 0.00	49.37 3.32 0.00	52.13 3.32 0.00	53.46 3.17 0.00	55.32 2.98 0.00	56.27 3.09 0.00	55.39 3.72 0.00	59.56 3.31 -0.12	59.86 3.28 0.00	64.40 3.41 -0.18	66.89 3.69 -0.74	68.82 4.27 0.11	72.56 4.73 3.89	84.16 5.93 6.55	68.22 5.47 17.66	64.16 3.82 19.26	64.43 3.24 10.81	61.92 2.54 4.16	58.77 2.69 0.00	54.69 3.24 0.00
WATKINRD_115KV_LN8_ILLION 55919	51.98 0.72 0.00	46.97 0.60 0.00	44.79 0.57 0.00	43.18 0.55 0.00	43.72 0.56 0.00	46.70 0.64 0.00	49.55 0.73 0.00	51.00 0.70 0.00	53.02 0.68 0.00	53.88 0.69 0.00	52.34 0.67 0.00	56.86 0.73 0.00	57.26 0.68 0.00	61.60 0.79 0.00	63.22 0.75 0.00	65.56 0.91 0.00	72.79 1.08 0.00	86.30 1.53 0.00	82.03 1.61 0.00	80.96 1.35 0.00	73.23 1.22 0.00	64.55 1.02 0.00	56.81 0.73 0.00	52.12 0.67 0.00

WDELAWARE___HYD 323627	53.62 2.36 0.00	48.64 2.27 0.00	46.26 2.04 0.00	44.50 1.87 0.00	45.02 1.85 0.00	48.18 2.12 0.00	51.06 2.25 0.00	52.50 2.21 0.00	54.54 2.20 0.00	55.32 2.13 0.00	53.89 2.22 0.00	58.39 2.19 -0.08	58.79 2.20 0.00	62.86 2.55 0.50	64.90 2.62 0.19	67.41 3.49 0.74	74.66 3.87 0.93	90.46 5.68 0.00	85.72 5.31 0.00	83.74 4.14 0.00	75.46 3.46 0.00	66.33 2.79 0.00	58.38 2.30 0.00	53.82 2.37 0.00
WEST BABYLON___IC 23714	59.98 5.33 -3.39	53.88 5.38 -2.13	52.57 4.91 -3.44	48.32 4.65 -1.04	49.01 4.62 -1.22	51.34 5.02 -0.26	54.04 5.22 0.00	55.53 5.23 0.00	57.42 4.82 -0.27	59.62 4.95 -1.48	58.06 5.01 -1.38	78.25 5.44 -16.68	90.67 5.43 -28.66	89.41 5.84 -22.76	94.65 6.18 -26.00	97.85 6.98 -26.21	111.76 7.89 -32.16	122.94 10.00 -28.16	116.05 9.41 -26.22	114.91 7.72 -27.59	101.38 6.62 -22.76	96.30 5.40 -27.36	62.91 4.65 -2.17	56.05 4.73 0.14
WEST CANADA___HYD 24049	51.62 0.36 0.00	46.70 0.33 0.00	44.53 0.31 0.00	42.97 0.34 0.00	43.51 0.34 0.00	46.42 0.37 0.00	49.16 0.34 0.00	50.60 0.30 0.00	52.60 0.26 0.00	53.46 0.27 0.00	51.93 0.26 0.00	56.41 0.28 0.00	56.87 0.28 0.00	61.11 0.31 0.00	62.78 0.31 0.00	65.11 0.46 0.00	72.29 0.57 0.00	85.71 0.93 0.00	81.30 0.89 0.00	80.24 0.63 0.00	72.57 0.57 0.00	63.98 0.45 0.00	56.30 0.23 0.00	51.71 0.26 0.00
WESTERN_NY_WIND 24143	52.13 0.87 0.00	45.81 -0.56 0.00	43.38 -0.84 0.00	41.18 -1.45 0.00	41.91 -1.25 0.00	44.68 -1.38 0.00	48.03 -0.78 0.00	48.53 -1.76 0.00	50.82 -1.52 0.00	51.81 -1.38 0.00	50.64 -1.03 0.00	55.85 -0.28 0.00	57.15 0.57 0.00	61.90 1.09 0.00	63.84 1.37 0.00	66.27 1.62 0.00	73.80 2.08 0.00	88.76 3.98 0.00	84.76 4.34 0.00	83.34 3.74 0.00	74.45 2.45 0.00	65.76 2.22 0.00	57.20 1.12 0.00	52.43 0.98 0.00
WESTOVER___LESR 323668	52.23 0.97 0.00	46.79 0.42 0.00	44.57 0.35 0.00	42.89 0.26 0.00	43.46 0.30 0.00	46.38 0.32 0.00	49.30 0.49 0.00	50.39 0.10 0.00	52.50 0.16 0.00	53.62 0.43 0.00	52.08 0.41 0.00	56.91 0.79 0.00	57.54 0.96 0.00	62.08 1.28 0.00	63.78 1.31 0.00	66.21 1.55 0.00	73.65 1.94 0.00	87.75 2.97 0.00	83.47 3.06 0.00	82.23 2.63 0.00	73.95 1.94 0.00	65.25 1.72 0.00	56.98 0.90 0.00	52.33 0.87 0.00
WETHRSFD_WT_PWR 323626	51.62 0.36 0.00	45.54 -0.83 0.00	43.20 -1.02 0.00	41.35 -1.28 0.00	41.95 -1.21 0.00	44.77 -1.29 0.00	47.74 -1.07 0.00	48.08 -2.21 0.00	50.19 -2.15 0.00	51.06 -2.13 0.00	49.96 -1.70 0.00	55.17 -0.95 0.00	56.41 -0.17 0.00	61.05 0.24 0.00	62.91 0.44 0.00	65.30 0.65 0.00	72.86 1.14 0.00	87.41 2.63 0.00	83.15 2.74 0.00	81.99 2.39 0.00	73.52 1.51 0.00	64.81 1.27 0.00	56.19 0.11 0.00	52.17 0.72 0.00
WHAVSTOR_138KV_BK127 55557	54.08 2.82 0.00	49.15 2.78 0.00	46.70 2.48 0.00	44.97 2.34 0.00	45.41 2.24 0.00	48.59 2.53 0.00	51.45 2.64 0.00	52.91 2.62 0.00	54.96 2.62 0.00	55.85 2.66 0.00	54.56 2.89 0.00	59.10 2.86 -0.11	59.52 2.94 0.00	64.20 3.22 -0.17	66.60 3.44 -0.69	68.73 4.07 0.00	76.31 4.59 0.00	90.63 5.85 0.00	85.89 5.47 0.00	83.58 3.98 0.00	75.39 3.38 0.00	66.14 2.60 0.00	58.27 2.19 0.00	53.92 2.47 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	54.08 2.82 0.00	49.15 2.78 0.00	46.70 2.48 0.00	44.97 2.34 0.00	45.41 2.24 0.00	48.59 2.53 0.00	51.45 2.64 0.00	52.91 2.62 0.00	54.96 2.62 0.00	55.85 2.66 0.00	54.56 2.89 0.00	59.10 2.86 -0.11	59.52 2.94 0.00	64.20 3.22 -0.17	66.60 3.44 -0.69	68.73 4.07 0.00	76.31 4.59 0.00	90.63 5.85 0.00	85.89 5.47 0.00	83.58 3.98 0.00	75.39 3.38 0.00	66.14 2.60 0.00	58.27 2.19 0.00	53.92 2.47 0.00
WHITEHAL_115KV_TB1 80871	54.80 3.54 0.00	49.39 3.01 0.00	47.01 2.79 0.00	45.27 2.64 0.00	45.93 2.76 0.00	49.14 3.09 0.00	52.09 3.27 0.00	53.51 3.22 0.00	55.59 3.25 0.00	56.17 2.98 0.00	53.84 2.17 0.00	58.49 2.47 0.11	58.84 2.26 0.00	62.65 2.01 0.16	63.88 2.06 0.65	67.63 2.97 0.00	75.23 3.51 0.00	89.95 5.17 0.00	86.77 6.35 0.00	85.33 5.73 0.00	77.40 5.40 0.00	68.56 5.02 0.00	59.78 3.70 0.00	54.90 3.45 0.00
WHITEPLN_13_KV_LOAD 356215	55.26 4.00 0.00	50.22 3.85 0.00	47.67 3.45 0.00	45.83 3.20 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.62 3.81 0.00	53.97 3.67 0.00	56.11 3.77 0.00	57.02 3.83 0.00	55.80 4.13 0.00	60.57 4.32 -0.12	60.99 4.41 0.00	66.10 5.11 -0.18	68.64 5.43 -0.74	70.73 6.08 0.00	78.53 6.81 0.00	93.51 8.73 0.00	88.46 8.04 0.00	85.97 6.37 0.00	77.47 5.47 0.00	67.60 4.07 0.00	59.50 3.42 0.00	54.95 3.50 0.00
WM_FLOYD_69_KV_BK2 356380	59.41 5.18 -2.97	53.89 5.38 -2.14	52.57 4.91 -3.44	48.32 4.65 -1.04	49.01 4.62 -1.22	51.34 5.02 -0.26	54.04 5.22 0.00	55.54 5.23 -0.01	57.88 4.71 -0.83	62.43 4.84 -4.40	68.15 4.86 -11.62	200.65 5.28 -139.25	230.46 5.15 -168.73	256.22 5.47 -189.94	255.51 5.81 -187.23	267.38 6.59 -196.13	291.74 7.39 -212.63	319.98 9.41 -225.79	302.35 8.85 -213.09	312.54 7.40 -225.53	250.19 6.41 -171.78	290.17 5.21 -221.42	65.54 4.49 -4.97	55.55 4.53 0.43
WOODARD___115KV_TB2 355635	51.06 -0.21 0.00	45.91 -0.46 0.00	43.73 -0.49 0.00	42.08 -0.55 0.00	42.64 -0.52 0.00	45.46 -0.60 0.00	48.33 -0.49 0.00	49.74 -0.55 0.00	51.71 -0.63 0.00	52.71 -0.48 0.00	51.05 -0.62 0.00	55.68 -0.45 0.00	56.13 -0.45 0.00	60.44 -0.36 0.00	62.09 -0.37 0.00	64.40 -0.26 0.00	71.64 -0.07 0.00	85.29 0.51 0.00	80.98 0.56 0.00	80.00 0.40 0.00	72.07 0.07 0.00	63.66 0.13 0.00	55.85 -0.22 0.00	51.25 -0.21 0.00
WOODMERE_69_KV_BK1 55827	78.02 5.07 -21.69	53.23 4.73 -2.13	51.95 4.29 -3.44	47.72 4.05 -1.04	48.40 4.01 -1.22	50.70 4.38 -0.26	53.45 4.64 0.00	54.97 4.68 0.00	56.84 4.50 0.00	57.87 4.68 0.00	56.58 4.91 0.00	61.52 5.28 -0.12	135.50 5.38 -73.54	66.83 5.84 -0.18	95.68 6.18 -27.03	96.07 6.85 -24.56	138.22 7.75 -58.76	105.48 9.66 -11.04	96.98 9.17 -7.39	93.49 7.48 -6.41	98.38 6.55 -19.83	77.52 5.34 -8.64	76.69 4.65 -15.96	56.29 4.79 -0.05
YORK___WARBASSE 23770	54.80 3.54 0.00	50.36 3.99 0.00	47.71 3.49 0.00	45.91 3.28 0.00	46.31 3.15 0.00	49.56 3.50 0.00	52.23 3.42 0.00	53.46 3.17 0.00	55.27 2.93 0.01	56.27 3.09 0.01	55.44 3.77 0.00	59.67 3.42 -0.12	60.03 3.45 0.01	64.76 3.77 -0.18	67.33 4.12 -0.74	69.37 4.72 0.01	76.94 5.24 0.01	91.30 6.53 0.01	86.52 6.11 0.01	84.05 4.46 0.01	75.81 3.82 0.01	62.43 3.05 4.16	59.11 3.03 0.00	54.95 3.50 0.00