

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										11/20/2025		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00				
59TH STREET_GT_1	24138	53.33	49.46	47.08	46.36	47.71	53.31	77.46	90.48	68.19	60.01	54.14	49.36	49.95	51.95	52.19	59.71	76.39	87.08	77.15	71.29	64.42	59.64	52.76	49.82				
		2.54	2.18	2.03	1.91	2.01	2.78	4.32	4.80	4.22	3.82	3.53	3.61	3.71	3.64	4.21	5.20	5.85	5.11	4.77	4.20	3.86	3.50	3.04					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	-0.22	-0.20	-1.42	0.00	-2.04				
74TH STREET_GT_1	24260	53.43	49.60	47.21	46.50	47.85	53.41	77.53	90.56	68.19	60.59	54.16	49.38	49.92	51.96	52.20	62.74	76.39	87.08	77.22	71.36	64.54	59.69	52.85	49.95				
		2.64	2.32	2.16	2.04	2.15	2.88	4.39	4.88	4.22	3.82	3.82	3.53	3.57	3.71	3.64	4.15	5.20	5.85	5.19	4.84	4.32	3.91	3.60	3.18				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.61	-0.02	-0.02	-0.02	-0.02	-0.02	-3.24	0.00	0.00	0.00	-0.22	-0.20	-1.42	0.00	-2.04				
74TH STREET_GT_2	24261	53.43	49.60	47.21	46.50	47.85	53.41	77.53	90.56	68.19	60.59	54.16	49.38	49.92	51.96	52.20	62.74	76.39	87.08	77.22	71.36	64.54	59.69	52.85	49.95				
		2.64	2.32	2.16	2.04	2.15	2.88	4.39	4.88	4.22	3.82	3.82	3.53	3.57	3.71	3.64	4.15	5.20	5.85	5.19	4.84	4.32	3.91	3.60	3.18				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.61	-0.02	-0.02	-0.02	-0.02	-0.02	-3.24	0.00	0.00	0.00	-0.22	-0.20	-1.42	0.00	-2.04				
ADK HUDSON__FALLS	24011	54.14	50.55	47.98	47.43	48.76	54.17	78.92	92.45	68.64	59.76	53.18	48.21	48.51	50.45	50.88	58.67	75.97	87.16	77.22	71.15	64.72	60.10	52.71	50.40				
		3.35	3.26	2.93	2.98	3.06	3.64	5.78	6.77	4.67	3.59	2.87	2.38	2.18	2.22	2.33	3.32	4.77	5.93	5.19	4.57	4.44	3.91	3.45	3.04				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-0.26	-1.83	0.00	-2.63				
ADK RESOURCE__RCVRY	23798	54.45	50.83	48.25	47.69	49.03	54.52	79.50	93.13	69.08	60.09	53.44	48.40	48.74	50.55	51.02	58.94	76.25	87.74	77.66	71.56	65.02	60.43	53.00	50.63				
		3.66	3.55	3.20	3.24	3.33	3.99	6.36	7.45	5.12	3.93	3.12	2.56	2.41	2.32	2.47	3.60	5.06	6.50	5.62	4.97	4.74	4.24	3.74	3.26				
		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	-0.28	-0.26	-1.83	0.00	-2.63				
ADK S GLENS__FALLS	24028	54.14	50.55	47.98	47.43	48.76	54.17	78.92	92.45	68.64	59.76	53.18	48.21	48.51	50.45	50.88	58.67	75.97	87.16	77.22	71.15	64.72	60.10	52.71	50.40				
		3.35	3.26	2.93	2.98	3.06	3.64	5.78	6.77	4.67	3.59	2.87	2.38	2.18	2.22	2.33	3.32	4.77	5.93	5.19	4.57	4.44	3.91	3.45	3.04				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-0.26	-1.83	0.00	-2.63				
ADK_NYS__DAM	23527	52.97	49.32	46.99	46.36	47.66	52.86	76.73	89.71	67.04	58.80	52.08	47.57	48.23	50.35	50.73	58.00	74.68	85.38	75.64	69.89	63.27	58.80	51.67	49.48				
		2.18	2.03	1.94	1.91	1.96	2.33	3.58	4.03	3.07	2.64	1.76	1.74	1.90	2.12	2.19	2.66	3.49	4.14	3.60	3.31	3.00	2.66	2.41	2.19				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.26	-1.78	0.00	-2.56				
AIR_PRODUCTS__DRP	24190	50.84	47.38	45.23	44.67	45.88	50.78	73.51	86.02	64.29	56.33	50.47	46.01	46.52	48.52	48.84	55.74	71.69	81.80	72.54	67.03	60.75	56.55	49.70	47.67				
		0.05	0.09	0.18	0.22	0.18	0.25	0.37	0.34	0.32	0.17	0.15	0.18	0.19	0.29	0.29	0.39	0.50	0.57	0.50	0.46	0.48	0.43	0.44	0.40				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.25	-1.76	0.00	-2.53				
AKWESSNE_115KV_BK	355683	51.55	47.76	45.55	44.90	46.25	50.13	72.05	84.91	62.94	55.77	49.86	45.10	45.68	47.60	48.21	54.79	69.77	79.12	69.87	64.84	58.81	54.30	48.27	44.15				
		0.76	0.47	0.50	0.44	0.55	-0.40	-1.10	-0.77	-1.02	-0.39	-0.45	-0.73	-0.65	-0.63	-0.34	-0.55	-1.42	-2.11	-2.16	-1.46	-1.20	-0.05	-0.99	-0.58				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.52	49.04	46.72	46.14	47.39	52.50	76.21	88.94	66.07	57.57	51.32	46.66	47.12	49.10	49.52	56.95	73.62	84.32	74.70	68.82	62.36	57.98	51.18	48.77				
		1.73	1.75	1.67	1.69	1.69	1.97	3.07	3.26	2.11	1.40	1.01	0.83	0.79	0.87	0.97	1.61	2.42	3.09	2.67	2.26	2.10	1.90	1.92	1.56				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.25	-1.72	0.00	-2.47				
ALBANY_2_SOLAR	323834	52.52	48.99	46.67	46.10	47.34	52.45	76.14	88.85	66.01	57.51	51.32	46.66	47.12	49.10	49.52	56.95	73.54	84.32	74.70	68.82	62.30	57.92	51.18	48.77				
		1.73	1.70	1.62	1.65	1.64	1.92	3.00	3.17	2.05	1.35	1.01	0.83	0.79	0.87	0.97	1.61	2.35	3.09	2.67	2.26	2.04	1.85	1.92	1.56				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.25	-1.72	0.00	-2.47				
ALBANY__1	23571	50.84	47.38	45.23	44.67	45.88	50.78	73.51	86.02	64.29	56.33	50.47	46.01	46.52	48.52	48.84	55.74	71.69	81.80	72.54	67.03	60.75	56.55	49.70	47.67				
		0.05	0.09	0.18	0.22	0.18	0.25	0.37	0.34	0.32	0.17	0.15	0.18	0.19	0.29	0.29	0.39	0.50	0.57	0.50	0.46	0.48	0.43	0.44	0.40				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.25	-1.76	0.00	-2.53				

ALBANY___2 23572	50.84 0.05 0.00	47.38 0.09 0.00	45.23 0.18 0.00	44.67 0.22 0.00	45.88 0.18 0.00	50.78 0.25 0.00	73.51 0.37 0.00	86.02 0.34 0.00	64.29 0.32 0.00	56.33 0.17 0.00	50.47 0.15 0.00	46.01 0.18 0.00	46.52 0.19 0.00	48.52 0.29 0.00	48.84 0.29 0.00	55.74 0.39 0.00	71.69 0.50 0.00	81.80 0.57 0.00	72.54 0.50 0.00	67.03 0.46 -0.27	60.75 0.48 -0.25	56.55 0.43 -1.76	49.70 0.44 0.00	47.67 0.40 -2.53
ALBANY___3 23573	50.84 0.05 0.00	47.38 0.09 0.00	45.23 0.18 0.00	44.67 0.22 0.00	45.88 0.18 0.00	50.78 0.25 0.00	73.51 0.37 0.00	86.02 0.34 0.00	64.29 0.32 0.00	56.33 0.17 0.00	50.47 0.15 0.00	46.01 0.18 0.00	46.52 0.19 0.00	48.52 0.29 0.00	48.84 0.29 0.00	55.74 0.39 0.00	71.69 0.50 0.00	81.80 0.57 0.00	72.54 0.50 0.00	67.03 0.46 -0.27	60.75 0.48 -0.25	56.55 0.43 -1.76	49.70 0.44 0.00	47.67 0.40 -2.53
ALBANY___4 23574	50.84 0.05 0.00	47.38 0.09 0.00	45.23 0.18 0.00	44.67 0.22 0.00	45.88 0.18 0.00	50.78 0.25 0.00	73.51 0.37 0.00	86.02 0.34 0.00	64.29 0.32 0.00	56.33 0.17 0.00	50.47 0.15 0.00	46.01 0.18 0.00	46.52 0.19 0.00	48.52 0.29 0.00	48.84 0.29 0.00	55.74 0.39 0.00	71.69 0.50 0.00	81.80 0.57 0.00	72.54 0.50 0.00	67.03 0.46 -0.27	60.75 0.48 -0.25	56.55 0.43 -1.76	49.70 0.44 0.00	47.67 0.40 -2.53
ALBANY___LFGE 323615	51.30 0.51 0.00	47.85 0.57 0.00	45.59 0.54 0.00	45.07 0.62 0.00	46.25 0.55 0.00	51.24 0.71 0.00	74.24 1.10 0.00	86.88 1.20 0.00	64.93 0.96 0.00	56.89 0.73 0.00	50.92 0.61 0.00	46.43 0.59 0.00	46.98 0.65 0.00	48.91 0.67 0.00	49.23 0.68 0.00	56.23 0.88 0.00	72.40 1.21 0.00	82.70 1.46 0.00	73.26 1.22 0.00	67.63 1.06 -0.27	61.29 1.02 -0.25	57.05 0.92 -1.77	50.10 0.84 0.00	48.04 0.76 -2.54
ALCOA_PA_115KV_PL-6C 55860	51.96 1.17 0.00	48.09 0.80 0.00	45.86 0.81 0.00	45.21 0.76 0.00	46.57 0.87 0.00	50.43 -0.10 0.00	72.48 -0.66 0.00	85.42 -0.26 0.00	63.26 -0.70 0.00	56.05 -0.11 0.00	50.11 -0.20 0.00	45.33 -0.50 0.00	45.92 -0.42 0.00	47.85 -0.39 0.00	48.45 -0.10 0.00	55.13 -0.22 0.00	70.13 -1.07 0.00	79.53 -1.71 0.00	70.23 -1.80 0.00	65.17 -1.13 0.00	59.11 -0.90 0.00	54.57 0.22 0.00	48.57 -0.69 0.00	44.46 -0.27 0.00
ALCOA_RYNLDS___DRP 24188	51.96 1.17 0.00	48.09 0.80 0.00	45.86 0.81 0.00	45.21 0.76 0.00	46.57 0.87 0.00	50.43 -0.10 0.00	72.48 -0.66 0.00	85.42 -0.26 0.00	63.26 -0.70 0.00	56.05 -0.11 0.00	50.11 -0.20 0.00	45.33 -0.50 0.00	45.92 -0.42 0.00	47.85 -0.39 0.00	48.45 -0.10 0.00	55.13 -0.22 0.00	70.13 -1.07 0.00	79.53 -1.71 0.00	70.23 -1.80 0.00	65.17 -1.13 0.00	59.11 -0.90 0.00	54.57 0.22 0.00	48.57 -0.69 0.00	44.46 -0.27 0.00
ALCOA___DSASP 323711	51.96 1.17 0.00	48.09 0.80 0.00	45.86 0.81 0.00	45.21 0.76 0.00	46.57 0.87 0.00	50.43 -0.10 0.00	72.48 -0.66 0.00	85.42 -0.26 0.00	63.26 -0.70 0.00	56.05 -0.11 0.00	50.11 -0.20 0.00	45.33 -0.50 0.00	45.92 -0.42 0.00	47.85 -0.39 0.00	48.45 -0.10 0.00	55.13 -0.22 0.00	70.13 -1.07 0.00	79.53 -1.71 0.00	70.23 -1.80 0.00	65.17 -1.13 0.00	59.11 -0.90 0.00	54.57 0.22 0.00	48.57 -0.69 0.00	44.46 -0.27 0.00
ALLEGHENY___COGEN 23514	52.87 2.08 0.00	49.42 2.13 0.00	46.90 1.85 0.00	46.50 2.05 0.00	47.71 2.01 0.00	51.90 1.36 0.00	74.09 0.95 0.00	87.48 1.80 0.00	63.58 -0.38 0.00	55.71 -0.45 0.00	49.76 -0.55 0.00	45.28 -0.55 0.00	45.45 -0.88 0.00	47.12 -1.11 0.00	47.28 -1.26 0.00	53.68 -1.66 0.01	70.20 -1.00 0.00	81.15 -0.08 0.00	72.83 0.79 0.00	66.73 0.40 -0.03	59.93 -0.12 -0.03	54.09 -0.49 -0.22	49.51 0.25 0.00	44.97 -0.09 -0.32
ALTAMONT_115KV_TB 2 55880	51.45 0.66 0.00	47.90 0.61 0.00	45.73 0.68 0.00	45.12 0.67 0.00	46.34 0.64 0.00	51.34 0.81 0.00	74.39 1.24 0.00	86.97 1.29 0.00	65.05 1.09 0.00	57.01 0.84 0.00	51.07 0.75 0.00	46.52 0.69 0.00	47.07 0.74 0.00	49.05 0.82 0.00	49.37 0.83 0.00	56.34 1.00 0.00	72.48 1.28 0.00	82.70 1.46 0.00	73.40 1.37 0.00	67.83 1.26 -0.27	61.40 1.14 -0.25	57.14 1.03 -1.75	50.24 0.99 0.00	48.09 0.85 -2.51
ALTONA_WT_PWR 323606	51.70 0.92 0.00	47.85 0.57 0.00	45.64 0.58 0.00	44.99 0.54 0.00	46.38 0.69 0.00	50.03 -0.51 0.00	71.68 -1.46 0.00	84.40 -1.28 0.00	62.62 -1.35 0.00	54.25 -1.91 0.00	49.81 -0.50 0.00	45.05 -0.78 0.00	45.64 -0.69 0.00	47.51 -0.72 0.00	48.11 -0.44 0.00	54.41 -0.94 0.00	69.34 -1.85 0.00	78.63 -2.60 0.00	69.51 -2.52 0.00	64.51 -1.79 0.00	58.75 -1.26 0.00	54.41 0.05 0.00	48.32 -0.94 0.00	44.11 -0.63 0.00
AMERICAN_REF_FUEL 24010	49.62 -1.17 0.00	46.53 -0.76 0.00	44.33 -0.72 0.00	44.01 -0.44 0.00	45.01 -0.68 0.00	47.55 -2.98 0.00	66.19 -6.95 0.00	78.14 -7.54 0.00	57.82 -6.14 0.00	51.95 -4.21 0.00	46.79 -3.52 0.00	42.80 -3.03 0.00	43.09 -3.24 0.00	44.61 -3.62 0.00	44.62 -3.93 0.00	49.81 -5.53 0.01	64.01 -7.19 0.00	73.03 -8.20 0.00	65.26 -6.77 0.00	59.50 -6.83 -0.03	53.86 -6.18 -0.03	49.11 -5.44 -0.19	45.32 -3.94 0.00	41.60 -3.40 -0.27
ARKWRIGHT___SUMMIT_WT_PWR 323751	51.45 0.66 0.00	48.28 0.99 0.00	45.91 0.85 0.00	45.56 1.11 0.00	46.61 0.91 0.00	50.18 -0.35 0.00	70.88 -2.27 0.00	83.28 -2.40 0.00	61.54 -2.43 0.00	54.93 -1.24 0.00	49.51 -0.81 0.00	45.19 -0.64 0.00	45.64 -0.69 0.00	47.22 -1.02 0.00	47.19 -1.36 0.00	53.02 -2.32 0.01	68.42 -2.78 0.00	78.39 -2.85 0.00	69.80 -2.23 0.00	63.15 -3.18 -0.03	55.96 -4.08 -0.03	50.66 -3.91 -0.21	47.29 -1.97 0.00	42.71 -2.33 -0.31
ARTHUR KILL_GT_1 23520	54.00 3.20 -0.01	50.08 2.79 -0.01	47.72 2.66 -0.01	46.99 2.53 -0.01	48.31 2.60 -0.01	53.87 3.34 -0.01	77.02 3.88 0.00	89.71 4.03 0.00	67.55 3.58 0.00	59.41 2.64 -0.61	54.26 3.92 -0.02	49.47 3.62 -0.02	50.01 3.66 -0.02	52.06 3.81 -0.02	52.35 3.79 -0.02	61.59 3.04 -3.20	75.75 4.56 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.89 4.38 -0.22	64.30 4.08 -0.20	60.18 4.40 -1.42	53.50 4.24 -0.01	50.54 3.76 -2.05
ARTHUR_KILL_2 23512	53.84 3.05 -0.01	49.99 2.69 -0.01	47.58 2.52 -0.01	46.86 2.40 -0.01	48.22 2.51 -0.01	53.78 3.24 -0.01	76.80 3.66 0.00	89.19 3.51 0.00	67.36 3.39 -0.01	59.30 2.53 -0.61	54.15 3.82 -0.02	49.29 3.44 -0.02	49.92 3.57 -0.02	51.96 3.71 -0.02	52.25 3.69 -0.02	61.48 2.93 -3.20	75.47 4.27 0.00	86.19 4.96 0.00	76.50 4.47 0.00	70.70 4.18 -0.22	64.06 3.84 -0.20	60.03 4.24 -1.43	53.36 4.09 -0.02	50.40 3.62 -2.05
ARTHUR_KILL_3 23513	52.92 2.13 0.00	49.08 1.80 0.00	46.72 1.67 0.00	46.01 1.55 0.00	47.34 1.64 0.00	52.91 2.38 0.00	76.80 3.66 0.00	89.62 3.94 0.00	67.55 3.58 -0.01	60.30 3.54 -0.60	53.65 3.32 -0.02	48.92 3.07 -0.02	49.54 3.19 -0.02	51.48 3.23 -0.02	51.77 3.20 -0.02	62.31 3.77 -3.19	75.54 4.34 0.00	86.27 5.04 0.00	76.50 4.47 0.00	70.70 4.18 -0.22	63.88 3.66 -0.20	59.21 3.43 -1.43	52.42 3.16 -0.01	49.50 2.73 -2.04

ARTHUR_KILL_COGEN 323718	54.00 3.20 -0.01	50.08 2.79 -0.01	47.72 2.66 -0.01	46.99 2.53 -0.01	48.31 2.60 -0.01	53.87 3.33 -0.01	77.02 3.87 0.00	89.45 3.77 0.00	67.55 3.58 -0.01	59.41 2.64 -0.61	54.26 3.93 -0.02	49.42 3.58 -0.02	50.06 3.71 -0.02	52.06 3.81 -0.02	52.35 3.79 -0.02	61.65 3.10 -3.20	75.76 4.56 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.96 4.44 -0.22	64.24 4.02 -0.20	60.19 4.40 -1.43	53.51 4.24 -0.02	50.54 3.76 -2.05
ASHOKAN____ 23654	53.13 2.34 0.00	49.46 2.18 0.00	47.08 2.03 0.00	46.45 2.00 0.00	47.76 2.06 0.00	53.16 2.63 0.00	77.83 4.69 0.00	90.56 4.88 0.00	67.16 3.20 0.00	58.24 2.08 0.00	51.88 1.56 0.00	47.07 1.24 0.00	47.49 1.16 0.00	49.44 1.21 0.00	49.81 1.26 0.00	57.40 2.05 0.00	74.25 3.06 0.00	85.38 4.14 0.00	75.64 3.60 0.00	68.13 1.59 -0.25	61.56 1.32 -0.23	57.05 1.09 -1.60	51.97 2.71 0.00	47.88 0.85 -2.30
ASTORIA_EAST_ENERGY_CC1 323581	53.59 2.79 -0.01	49.80 2.50 -0.01	47.40 2.34 -0.01	46.72 2.27 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.13 4.45 0.00	67.75 3.77 -0.01	59.91 3.14 -0.60	53.95 3.62 -0.01	49.14 3.30 -0.01	49.82 3.48 -0.01	51.76 3.52 -0.01	52.00 3.45 -0.01	62.29 3.71 -3.23	75.76 4.56 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.37 -0.22	64.24 4.02 -0.20	59.37 3.59 -1.43	52.66 3.40 -0.01	49.96 3.18 -2.05
ASTORIA_EAST_ENERGY_CC2 323582	53.59 2.79 -0.01	49.75 2.46 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	47.99 2.28 -0.01	53.57 3.03 -0.01	77.24 4.09 0.00	90.05 4.37 0.00	67.68 3.71 -0.01	59.91 3.14 -0.60	53.90 3.57 -0.01	49.09 3.25 -0.01	49.77 3.43 -0.01	51.76 3.52 -0.01	52.00 3.45 -0.01	62.23 3.65 -3.23	75.68 4.49 0.00	86.44 5.20 0.00	76.65 4.61 0.00	70.89 4.37 -0.22	64.18 3.96 -0.20	59.32 3.53 -1.43	52.66 3.40 -0.01	49.91 3.13 -2.05
ASTORIA_GT2_1 24094	53.59 2.79 -0.01	49.80 2.51 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.22 4.54 0.00	67.74 3.77 0.00	59.86 3.09 -0.61	53.95 3.62 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.77 3.52 -0.02	52.01 3.45 -0.02	62.29 3.71 -3.24	75.82 4.63 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.89 4.38 -0.22	64.24 4.02 -0.20	59.37 3.59 -1.42	52.66 3.40 0.00	49.96 3.18 -2.05
ASTORIA_GT2_2 24095	53.59 2.79 -0.01	49.80 2.51 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.22 4.54 0.00	67.74 3.77 0.00	59.86 3.09 -0.61	53.95 3.62 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.77 3.52 -0.02	52.01 3.45 -0.02	62.29 3.71 -3.24	75.82 4.63 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.89 4.38 -0.22	64.24 4.02 -0.20	59.37 3.59 -1.42	52.66 3.40 0.00	49.96 3.18 -2.05
ASTORIA_GT2_3 24096	53.59 2.79 -0.01	49.80 2.51 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.22 4.54 0.00	67.74 3.77 0.00	59.86 3.09 -0.61	53.95 3.62 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.77 3.52 -0.02	52.01 3.45 -0.02	62.29 3.71 -3.24	75.82 4.63 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.89 4.38 -0.22	64.24 4.02 -0.20	59.37 3.59 -1.42	52.66 3.40 0.00	49.96 3.18 -2.05
ASTORIA_GT2_4 24097	53.59 2.79 -0.01	49.80 2.51 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.22 4.54 0.00	67.74 3.77 0.00	59.86 3.09 -0.61	53.95 3.62 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.77 3.52 -0.02	52.01 3.45 -0.02	62.29 3.71 -3.24	75.82 4.63 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.89 4.38 -0.22	64.24 4.02 -0.20	59.37 3.59 -1.42	52.66 3.40 0.00	49.96 3.18 -2.05
ASTORIA_GT3_1 24098	53.59 2.79 -0.01	49.80 2.51 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.22 4.54 0.00	67.74 3.77 0.00	59.86 3.09 -0.61	53.95 3.62 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.77 3.52 -0.02	52.01 3.45 -0.02	62.29 3.71 -3.24	75.82 4.63 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.89 4.38 -0.22	64.24 4.02 -0.20	59.37 3.59 -1.42	52.66 3.40 0.00	49.96 3.18 -2.05
ASTORIA_GT3_2 24099	53.59 2.79 -0.01	49.80 2.51 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.22 4.54 0.00	67.74 3.77 0.00	59.86 3.09 -0.61	53.95 3.62 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.77 3.52 -0.02	52.01 3.45 -0.02	62.29 3.71 -3.24	75.82 4.63 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.89 4.38 -0.22	64.24 4.02 -0.20	59.37 3.59 -1.42	52.66 3.40 0.00	49.96 3.18 -2.05
ASTORIA_GT3_3 24100	53.59 2.79 -0.01	49.80 2.51 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.22 4.54 0.00	67.74 3.77 0.00	59.86 3.09 -0.61	53.95 3.62 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.77 3.52 -0.02	52.01 3.45 -0.02	62.29 3.71 -3.24	75.82 4.63 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.89 4.38 -0.22	64.24 4.02 -0.20	59.37 3.59 -1.42	52.66 3.40 0.00	49.96 3.18 -2.05
ASTORIA_GT3_4 24101	53.59 2.79 -0.01	49.80 2.51 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.22 4.54 0.00	67.74 3.77 0.00	59.86 3.09 -0.61	53.95 3.62 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.77 3.52 -0.02	52.01 3.45 -0.02	62.29 3.71 -3.24	75.82 4.63 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.89 4.38 -0.22	64.24 4.02 -0.20	59.37 3.59 -1.42	52.66 3.40 0.00	49.96 3.18 -2.05
ASTORIA_GT4_1 24102	53.59 2.79 -0.01	49.80 2.51 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.22 4.54 0.00	67.74 3.77 0.00	59.86 3.09 -0.61	53.95 3.62 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.77 3.52 -0.02	52.01 3.45 -0.02	62.29 3.71 -3.24	75.82 4.63 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.89 4.38 -0.22	64.24 4.02 -0.20	59.37 3.59 -1.42	52.66 3.40 0.00	49.96 3.18 -2.05
ASTORIA_GT4_2 24103	53.59 2.79 -0.01	49.80 2.51 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.22 4.54 0.00	67.74 3.77 0.00	59.86 3.09 -0.61	53.95 3.62 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.77 3.52 -0.02	52.01 3.45 -0.02	62.29 3.71 -3.24	75.82 4.63 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.89 4.38 -0.22	64.24 4.02 -0.20	59.37 3.59 -1.42	52.66 3.40 0.00	49.96 3.18 -2.05
ASTORIA_GT4_3 24104	53.59 2.79 -0.01	49.80 2.51 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.22 4.54 0.00	67.74 3.77 0.00	59.86 3.09 -0.61	53.95 3.62 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.77 3.52 -0.02	52.01 3.45 -0.02	62.29 3.71 -3.24	75.82 4.63 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.89 4.38 -0.22	64.24 4.02 -0.20	59.37 3.59 -1.42	52.66 3.40 0.00	49.96 3.18 -2.05

ASTORIA_GT4_4 24105	53.59 2.79 -0.01	49.80 2.51 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.22 4.54 0.00	67.74 3.77 0.00	59.86 3.09 -0.61	53.95 3.62 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.77 3.52 -0.02	52.01 3.45 -0.02	62.29 3.71 -3.24	75.82 4.63 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.89 4.38 -0.22	64.24 4.02 -0.20	59.37 3.59 -1.42	52.66 3.40 0.00	49.96 3.18 -2.05
ASTORIA_GT_1 23523	53.69 2.89 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.46 4.32 0.00	90.39 4.71 0.00	67.87 3.90 0.00	59.97 3.20 -0.61	54.05 3.72 -0.02	49.28 3.44 -0.02	49.82 3.48 -0.02	51.86 3.62 -0.02	52.11 3.54 -0.02	62.41 3.82 -3.24	75.97 4.77 0.00	86.68 5.44 0.00	76.79 4.75 0.00	71.03 4.51 -0.22	64.36 4.14 -0.20	59.47 3.70 -1.42	52.76 3.50 0.00	50.05 3.27 -2.05
ASTORIA_GT_10 24110	53.49 2.69 -0.01	49.66 2.36 -0.01	47.27 2.21 -0.01	46.55 2.09 -0.01	47.90 2.19 -0.01	53.47 2.93 -0.01	77.17 4.02 0.00	90.05 4.37 0.00	67.87 3.90 0.00	60.14 3.37 -0.61	54.00 3.67 -0.02	49.24 3.39 -0.02	49.82 3.48 -0.02	51.82 3.57 -0.02	52.11 3.54 -0.02	62.35 3.76 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.30 4.08 -0.20	59.53 3.75 -1.42	52.81 3.55 0.00	49.96 3.18 -2.05
ASTORIA_GT_11 24225	53.49 2.69 -0.01	49.66 2.36 -0.01	47.27 2.21 -0.01	46.55 2.09 -0.01	47.90 2.19 -0.01	53.47 2.93 -0.01	77.17 4.02 0.00	90.05 4.37 0.00	67.87 3.90 0.00	60.14 3.37 -0.61	54.00 3.67 -0.02	49.24 3.39 -0.02	49.82 3.48 -0.02	51.82 3.57 -0.02	52.11 3.54 -0.02	62.35 3.76 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.30 4.08 -0.20	59.53 3.75 -1.42	52.81 3.55 0.00	49.96 3.18 -2.05
ASTORIA_GT_12 24226	53.49 2.69 -0.01	49.66 2.36 -0.01	47.27 2.21 -0.01	46.55 2.09 -0.01	47.90 2.19 -0.01	53.47 2.93 -0.01	77.17 4.02 0.00	90.05 4.37 0.00	67.87 3.90 0.00	60.14 3.37 -0.61	54.00 3.67 -0.02	49.24 3.39 -0.02	49.82 3.48 -0.02	51.82 3.57 -0.02	52.11 3.54 -0.02	62.35 3.76 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.30 4.08 -0.20	59.53 3.75 -1.42	52.81 3.55 0.00	49.96 3.18 -2.05
ASTORIA_GT_13 24227	53.49 2.69 -0.01	49.66 2.36 -0.01	47.27 2.21 -0.01	46.55 2.09 -0.01	47.90 2.19 -0.01	53.47 2.93 -0.01	77.17 4.02 0.00	90.05 4.37 0.00	67.87 3.90 0.00	60.14 3.37 -0.61	54.00 3.67 -0.02	49.24 3.39 -0.02	49.82 3.48 -0.02	51.82 3.57 -0.02	52.11 3.54 -0.02	62.35 3.76 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.30 4.08 -0.20	59.53 3.75 -1.42	52.81 3.55 0.00	49.96 3.18 -2.05
ASTORIA_GT_5 24106	53.69 2.89 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.46 4.32 0.00	90.39 4.71 0.00	67.87 3.90 0.00	59.97 3.20 -0.61	54.05 3.72 -0.02	49.28 3.44 -0.02	49.82 3.48 -0.02	51.86 3.62 -0.02	52.11 3.54 -0.02	62.41 3.82 -3.24	75.97 4.77 0.00	86.68 5.44 0.00	76.79 4.75 0.00	71.03 4.51 -0.22	64.36 4.14 -0.20	59.47 3.70 -1.42	52.76 3.50 0.00	50.05 3.27 -2.05
ASTORIA_GT_7 24107	53.69 2.89 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.46 4.32 0.00	90.39 4.71 0.00	67.87 3.90 0.00	59.97 3.20 -0.61	54.05 3.72 -0.02	49.28 3.44 -0.02	49.82 3.48 -0.02	51.86 3.62 -0.02	52.11 3.54 -0.02	62.41 3.82 -3.24	75.97 4.77 0.00	86.68 5.44 0.00	76.79 4.75 0.00	71.03 4.51 -0.22	64.36 4.14 -0.20	59.47 3.70 -1.42	52.76 3.50 0.00	50.05 3.27 -2.05
ASTORIA_GT_8 24108	53.69 2.89 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.46 4.32 0.00	90.39 4.71 0.00	67.87 3.90 0.00	59.97 3.20 -0.61	54.05 3.72 -0.02	49.28 3.44 -0.02	49.82 3.48 -0.02	51.86 3.62 -0.02	52.11 3.54 -0.02	62.41 3.82 -3.24	75.97 4.77 0.00	86.68 5.44 0.00	76.79 4.75 0.00	71.03 4.51 -0.22	64.36 4.14 -0.20	59.47 3.70 -1.42	52.76 3.50 0.00	50.05 3.27 -2.05
ASTORIA___2 24149	53.59 2.79 -0.01	49.80 2.50 -0.01	47.40 2.34 -0.01	46.72 2.27 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.13 4.45 0.00	67.75 3.77 -0.01	59.91 3.14 -0.60	53.95 3.62 -0.01	49.14 3.30 -0.01	49.82 3.48 -0.01	51.76 3.52 -0.01	52.00 3.45 -0.01	62.29 3.71 -3.23	75.76 4.56 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.37 -0.22	64.24 4.02 -0.20	59.37 3.59 -1.43	52.66 3.40 -0.01	49.96 3.18 -2.05
ASTORIA___3 23516	53.49 2.69 -0.01	49.66 2.36 -0.01	47.27 2.21 -0.01	46.55 2.09 -0.01	47.90 2.19 -0.01	53.47 2.93 -0.01	77.16 4.02 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	60.20 3.43 -0.61	54.00 3.67 -0.02	49.19 3.34 -0.02	49.83 3.48 -0.02	51.82 3.57 -0.02	52.10 3.54 -0.02	62.35 3.77 -3.24	75.89 4.70 0.00	86.59 5.36 0.00	76.72 4.68 0.00	70.96 4.44 -0.22	64.30 4.08 -0.20	59.53 3.75 -1.43	52.82 3.55 -0.01	49.96 3.18 -2.05
ASTORIA___4 23517	53.49 2.69 -0.01	49.66 2.36 -0.01	47.27 2.21 -0.01	46.55 2.09 -0.01	47.90 2.19 -0.01	53.47 2.93 -0.01	77.17 4.02 0.00	90.05 4.37 0.00	67.87 3.90 0.00	60.14 3.37 -0.61	54.00 3.67 -0.02	49.24 3.39 -0.02	49.82 3.48 -0.02	51.82 3.57 -0.02	52.11 3.54 -0.02	62.35 3.76 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.30 4.08 -0.20	59.53 3.75 -1.42	52.81 3.55 0.00	49.96 3.18 -2.05
ASTORIA___5 23518	53.49 2.69 -0.01	49.66 2.36 -0.01	47.27 2.21 -0.01	46.55 2.09 -0.01	47.90 2.19 -0.01	53.47 2.93 -0.01	77.16 4.02 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	60.20 3.43 -0.61	54.00 3.67 -0.02	49.19 3.34 -0.02	49.83 3.48 -0.02	51.82 3.57 -0.02	52.10 3.54 -0.02	62.35 3.77 -3.24	75.82 4.63 0.00	86.59 5.36 0.00	76.72 4.68 0.00	70.96 4.44 -0.22	64.30 4.08 -0.20	59.53 3.75 -1.43	52.82 3.55 -0.01	49.96 3.18 -2.05
AST_ENERGY_2_CC3 323677	53.03 2.23 -0.01	49.23 1.94 -0.01	46.86 1.80 -0.01	46.19 1.73 -0.01	47.49 1.78 -0.01	53.01 2.48 -0.01	76.51 3.37 0.00	89.19 3.51 0.00	67.04 3.07 -0.01	59.29 2.53 -0.60	53.39 3.07 -0.01	48.59 2.75 -0.01	49.26 2.92 -0.01	51.23 2.99 -0.01	51.47 2.91 -0.01	61.68 3.10 -3.23	74.97 3.77 0.00	85.62 4.38 0.00	75.92 3.89 0.00	70.16 3.64 -0.22	63.58 3.36 -0.20	58.77 2.99 -1.43	52.12 2.86 -0.01	49.47 2.68 -2.05
AST_ENERGY_2_CC4 323678	53.03 2.23 -0.01	49.23 1.94 -0.01	46.86 1.80 -0.01	46.19 1.73 -0.01	47.49 1.78 -0.01	53.01 2.48 -0.01	76.51 3.37 0.00	89.19 3.51 0.00	67.04 3.07 -0.01	59.29 2.53 -0.60	53.39 3.07 -0.01	48.59 2.75 -0.01	49.26 2.92 -0.01	51.23 2.99 -0.01	51.47 2.91 -0.01	61.68 3.10 -3.23	74.97 3.77 0.00	85.62 4.38 0.00	75.92 3.89 0.00	70.16 3.64 -0.22	63.58 3.36 -0.20	58.77 2.99 -1.43	52.12 2.86 -0.01	49.47 2.68 -2.05

ATHENS_STG_1 23668	51.96 1.17 0.00	48.28 0.99 0.00	46.09 1.04 0.00	45.43 0.98 0.00	46.70 1.00 0.00	51.84 1.31 0.00	75.27 2.12 0.00	87.82 2.14 0.00	65.82 1.86 0.00	57.85 1.68 0.00	51.88 1.56 0.00	47.25 1.42 0.00	47.82 1.48 0.00	49.77 1.54 0.00	50.10 1.55 0.00	57.17 1.82 0.00	73.47 2.28 0.00	83.83 2.60 0.00	74.34 2.30 0.00	68.73 2.18 -0.24	62.16 1.92 -0.22	57.72 1.79 -1.57	50.88 1.62 0.00	48.42 1.43 -2.26
ATHENS_STG_2 23670	51.96 1.17 0.00	48.28 0.99 0.00	46.09 1.04 0.00	45.43 0.98 0.00	46.70 1.00 0.00	51.84 1.31 0.00	75.27 2.12 0.00	87.82 2.14 0.00	65.82 1.86 0.00	57.85 1.68 0.00	51.88 1.56 0.00	47.25 1.42 0.00	47.82 1.48 0.00	49.77 1.54 0.00	50.10 1.55 0.00	57.17 1.82 0.00	73.47 2.28 0.00	83.83 2.60 0.00	74.34 2.30 0.00	68.73 2.18 -0.24	62.16 1.92 -0.22	57.72 1.79 -1.57	50.88 1.62 0.00	48.42 1.43 -2.26
ATHENS_STG_3 23677	51.96 1.17 0.00	48.28 0.99 0.00	46.09 1.04 0.00	45.43 0.98 0.00	46.70 1.00 0.00	51.84 1.31 0.00	75.27 2.12 0.00	87.82 2.14 0.00	65.82 1.86 0.00	57.85 1.68 0.00	51.88 1.56 0.00	47.25 1.42 0.00	47.82 1.48 0.00	49.77 1.54 0.00	50.10 1.55 0.00	57.17 1.82 0.00	73.47 2.28 0.00	83.83 2.60 0.00	74.34 2.30 0.00	68.73 2.18 -0.24	62.16 1.92 -0.22	57.72 1.79 -1.57	50.88 1.62 0.00	48.42 1.43 -2.26
AUBURN___LFGE 323710	50.64 -0.15 0.00	47.19 -0.09 0.00	44.92 -0.14 0.00	44.32 -0.13 0.00	45.61 -0.09 0.00	50.33 -0.20 0.00	72.70 -0.44 0.00	85.59 -0.09 0.00	63.65 -0.32 0.00	55.83 -0.34 0.00	49.96 -0.35 0.00	45.51 -0.32 0.00	45.92 -0.42 0.00	47.80 -0.43 0.00	48.11 -0.44 0.00	54.74 -0.61 0.00	70.63 -0.57 0.00	80.83 -0.41 0.00	71.82 -0.22 0.00	66.06 -0.27 -0.03	59.68 -0.36 -0.02	53.99 -0.54 -0.17	48.86 -0.39 0.00	44.53 -0.45 -0.25
BABYLON_RES_REC 323704	54.96 4.17 -0.01	50.83 3.55 0.00	48.25 3.20 0.00	47.47 3.02 0.00	48.85 3.15 0.00	54.42 3.89 0.00	77.38 4.24 0.00	89.71 4.03 0.00	67.35 3.39 0.00	60.94 4.77 0.00	55.10 4.78 0.00	50.38 4.54 -0.01	50.92 4.59 0.00	53.16 4.92 -0.01	53.17 4.61 -0.01	60.50 5.15 0.00	78.03 6.84 0.00	88.79 7.56 0.00	79.32 7.27 -0.01	73.12 6.56 -0.25	65.80 5.58 -0.21	61.22 5.27 -1.59	54.15 4.88 -0.01	51.08 4.29 -2.06
BALL_HILL_WT_PWR 323825	50.89 0.10 0.00	47.76 0.47 0.00	45.41 0.36 0.00	45.07 0.62 0.00	46.11 0.41 0.00	49.57 -0.96 0.00	70.00 -3.14 0.00	82.16 -3.52 0.00	60.71 -3.26 0.00	54.20 -1.97 0.00	48.85 -1.46 0.00	44.64 -1.19 0.00	45.08 -1.25 0.00	46.64 -1.59 0.00	46.60 -1.94 0.00	52.29 -3.04 0.01	67.42 -3.78 0.00	77.34 -3.90 0.00	68.94 -3.10 0.00	62.55 -3.78 -0.03	55.54 -4.50 -0.03	50.38 -4.18 -0.21	47.14 -2.12 0.00	42.66 -2.37 -0.30
BARON_WINDS___WT_PWR 323822	50.74 -0.05 0.00	47.52 0.24 0.00	45.19 0.14 0.00	44.80 0.35 0.00	45.88 0.18 0.00	49.67 -0.86 0.00	70.36 -2.78 0.00	82.51 -3.17 0.00	60.64 -3.33 0.00	53.92 -2.25 0.00	48.55 -1.76 0.00	44.36 -1.47 0.00	44.62 -1.71 0.00	46.21 -2.02 0.00	46.22 -2.33 0.00	52.23 -3.10 0.02	67.57 -3.63 0.00	77.34 -3.90 0.00	69.08 -2.96 0.00	62.96 -3.38 -0.04	55.79 -4.26 -0.04	50.72 -3.91 -0.28	47.09 -2.17 0.00	42.72 -2.42 -0.40
BARRETT_IC_1 23704	54.25 3.46 -0.01	50.27 2.98 0.00	47.71 2.66 0.00	46.98 2.53 0.00	48.35 2.65 0.00	53.86 3.33 0.00	76.51 3.37 0.00	88.76 3.08 0.00	66.65 2.69 0.00	60.21 4.05 0.00	54.39 4.07 0.00	49.82 3.99 -0.01	50.41 4.08 0.00	52.39 4.15 -0.01	52.35 3.79 -0.02	59.78 4.43 0.00	76.82 5.62 0.00	87.49 6.26 0.00	78.02 5.98 -0.01	72.10 5.57 -0.23	64.96 4.74 -0.20	60.29 4.51 -1.43	53.31 4.04 -0.02	50.46 3.67 -2.06
BARRETT_IC_10 23701	54.25 3.46 -0.01	50.27 2.98 0.00	47.71 2.66 0.00	46.98 2.53 0.00	48.35 2.65 0.00	53.86 3.33 0.00	76.51 3.37 0.00	88.76 3.08 0.00	66.65 2.69 0.00	60.21 4.05 0.00	54.39 4.07 0.00	49.82 3.99 -0.01	50.41 4.08 0.00	52.39 4.15 -0.01	52.35 3.79 -0.02	59.78 4.43 0.00	76.82 5.62 0.00	87.49 6.26 0.00	78.02 5.98 -0.01	72.10 5.57 -0.23	64.96 4.74 -0.20	60.29 4.51 -1.43	53.31 4.04 -0.02	50.46 3.67 -2.06
BARRETT_IC_11 23702	54.25 3.46 -0.01	50.27 2.98 0.00	47.71 2.66 0.00	46.98 2.53 0.00	48.35 2.65 0.00	53.86 3.33 0.00	76.51 3.37 0.00	88.76 3.08 0.00	66.65 2.69 0.00	60.21 4.05 0.00	54.39 4.07 0.00	49.82 3.99 -0.01	50.41 4.08 0.00	52.39 4.15 -0.01	52.35 3.79 -0.02	59.78 4.43 0.00	76.82 5.62 0.00	87.49 6.26 0.00	78.02 5.98 -0.01	72.10 5.57 -0.23	64.96 4.74 -0.20	60.29 4.51 -1.43	53.31 4.04 -0.02	50.46 3.67 -2.06
BARRETT_IC_12 23703	54.25 3.46 -0.01	50.27 2.98 0.00	47.71 2.66 0.00	46.98 2.53 0.00	48.35 2.65 0.00	53.86 3.33 0.00	76.51 3.37 0.00	88.76 3.08 0.00	66.65 2.69 0.00	60.21 4.05 0.00	54.39 4.07 0.00	49.82 3.99 -0.01	50.41 4.08 0.00	52.39 4.15 -0.01	52.35 3.79 -0.02	59.78 4.43 0.00	76.82 5.62 0.00	87.49 6.26 0.00	78.02 5.98 -0.01	72.10 5.57 -0.23	64.96 4.74 -0.20	60.29 4.51 -1.43	53.31 4.04 -0.02	50.46 3.67 -2.06
BARRETT_IC_2 23705	54.25 3.46 -0.01	50.27 2.98 0.00	47.71 2.66 0.00	46.98 2.53 0.00	48.35 2.65 0.00	53.86 3.33 0.00	76.51 3.37 0.00	88.76 3.08 0.00	66.65 2.69 0.00	60.21 4.05 0.00	54.39 4.07 0.00	49.82 3.99 -0.01	50.41 4.08 0.00	52.39 4.15 -0.01	52.35 3.79 -0.02	59.78 4.43 0.00	76.82 5.62 0.00	87.49 6.26 0.00	78.02 5.98 -0.01	72.10 5.57 -0.23	64.96 4.74 -0.20	60.29 4.51 -1.43	53.31 4.04 -0.02	50.46 3.67 -2.06
BARRETT_IC_3 23706	54.25 3.46 -0.01	50.27 2.98 0.00	47.71 2.66 0.00	46.98 2.53 0.00	48.35 2.65 0.00	53.86 3.33 0.00	76.51 3.37 0.00	88.76 3.08 0.00	66.65 2.69 0.00	60.21 4.05 0.00	54.39 4.07 0.00	49.82 3.99 -0.01	50.41 4.08 0.00	52.39 4.15 -0.01	52.35 3.79 -0.02	59.78 4.43 0.00	76.82 5.62 0.00	87.49 6.26 0.00	78.02 5.98 -0.01	72.10 5.57 -0.23	64.96 4.74 -0.20	60.29 4.51 -1.43	53.31 4.04 -0.02	50.46 3.67 -2.06
BARRETT_IC_4 23707	54.25 3.46 -0.01	50.27 2.98 0.00	47.71 2.66 0.00	46.98 2.53 0.00	48.35 2.65 0.00	53.86 3.33 0.00	76.51 3.37 0.00	88.76 3.08 0.00	66.65 2.69 0.00	60.21 4.05 0.00	54.39 4.07 0.00	49.82 3.99 -0.01	50.41 4.08 0.00	52.39 4.15 -0.01	52.35 3.79 -0.02	59.78 4.43 0.00	76.82 5.62 0.00	87.49 6.26 0.00	78.02 5.98 -0.01	72.10 5.57 -0.23	64.96 4.74 -0.20	60.29 4.51 -1.43	53.31 4.04 -0.02	50.46 3.67 -2.06
BARRETT_IC_5 23708	54.25 3.46 -0.01	50.27 2.98 0.00	47.71 2.66 0.00	46.98 2.53 0.00	48.35 2.65 0.00	53.86 3.33 0.00	76.51 3.37 0.00	88.76 3.08 0.00	66.65 2.69 0.00	60.21 4.05 0.00	54.39 4.07 0.00	49.82 3.99 -0.01	50.41 4.08 0.00	52.39 4.15 -0.01	52.35 3.79 -0.02	59.78 4.43 0.00	76.82 5.62 0.00	87.49 6.26 0.00	78.02 5.98 -0.01	72.10 5.57 -0.23	64.96 4.74 -0.20	60.29 4.51 -1.43	53.31 4.04 -0.02	50.46 3.67 -2.06

BARRETT_IC_6 23709	54.25 3.46 -0.01	50.27 2.98 0.00	47.71 2.66 0.00	46.98 2.53 0.00	48.35 2.65 0.00	53.86 3.33 0.00	76.51 3.37 0.00	88.76 3.08 0.00	66.65 2.69 0.00	60.21 4.05 0.00	54.39 4.07 0.00	49.82 3.99 -0.01	50.41 4.08 0.00	52.39 4.15 -0.01	52.35 3.79 -0.02	59.78 4.43 0.00	76.82 5.62 0.00	87.49 6.26 0.00	78.02 5.98 -0.01	72.10 5.57 -0.23	64.96 4.74 -0.20	60.29 4.51 -1.43	53.31 4.04 -0.02	50.46 3.67 -2.06
BARRETT_IC_7 23710	54.25 3.45 -0.01	50.26 2.98 0.00	47.71 2.66 0.00	46.98 2.53 0.00	48.35 2.65 0.00	53.87 3.34 0.00	76.51 3.36 0.00	88.77 3.08 0.00	66.65 2.69 0.00	59.70 3.54 0.00	54.39 4.08 0.00	49.87 4.03 -0.01	50.36 4.03 0.00	52.39 4.15 -0.01	52.35 3.79 -0.02	59.72 4.37 0.00	77.03 5.84 0.00	87.49 6.26 0.00	78.02 5.98 -0.01	72.03 5.50 -0.23	64.96 4.74 -0.20	60.30 4.51 -1.43	53.31 4.04 -0.02	50.46 3.67 -2.06
BARRETT_IC_8 23711	54.25 3.46 -0.01	50.27 2.98 0.00	47.71 2.66 0.00	46.98 2.53 0.00	48.35 2.65 0.00	53.86 3.33 0.00	76.51 3.37 0.00	88.76 3.08 0.00	66.65 2.69 0.00	60.21 4.05 0.00	54.39 4.07 0.00	49.82 3.99 -0.01	50.41 4.08 0.00	52.39 4.15 -0.01	52.35 3.79 -0.02	59.78 4.43 0.00	76.82 5.62 0.00	87.49 6.26 0.00	78.02 5.98 -0.01	72.10 5.57 -0.23	64.96 4.74 -0.20	60.29 4.51 -1.43	53.31 4.04 -0.02	50.46 3.67 -2.06
BARRETT_IC_9 23700	54.25 3.46 -0.01	50.27 2.98 0.00	47.71 2.66 0.00	46.98 2.53 0.00	48.35 2.65 0.00	53.86 3.33 0.00	76.51 3.37 0.00	88.76 3.08 0.00	66.65 2.69 0.00	60.21 4.05 0.00	54.39 4.07 0.00	49.82 3.99 -0.01	50.41 4.08 0.00	52.39 4.15 -0.01	52.35 3.79 -0.02	59.78 4.43 0.00	76.82 5.62 0.00	87.49 6.26 0.00	78.02 5.98 -0.01	72.10 5.57 -0.23	64.96 4.74 -0.20	60.29 4.51 -1.43	53.31 4.04 -0.02	50.46 3.67 -2.06
BARRETT___1 23545	54.25 3.46 -0.01	50.27 2.98 0.00	47.71 2.66 0.00	46.98 2.53 0.00	48.35 2.65 0.00	53.86 3.33 0.00	76.51 3.37 0.00	88.76 3.08 0.00	66.65 2.69 0.00	60.21 4.05 0.00	54.39 4.07 0.00	49.82 3.99 -0.01	50.41 4.08 0.00	52.39 4.15 -0.01	52.35 3.79 -0.02	59.78 4.43 0.00	76.82 5.62 0.00	87.49 6.26 0.00	78.02 5.98 -0.01	72.10 5.57 -0.23	64.96 4.74 -0.20	60.29 4.51 -1.43	53.31 4.04 -0.02	50.46 3.67 -2.06
BARRETT___2 23546	54.25 3.46 -0.01	50.27 2.98 0.00	47.71 2.66 0.00	46.98 2.53 0.00	48.35 2.65 0.00	53.86 3.33 0.00	76.51 3.37 0.00	88.76 3.08 0.00	66.65 2.69 0.00	60.21 4.05 0.00	54.39 4.07 0.00	49.82 3.99 -0.01	50.41 4.08 0.00	52.39 4.15 -0.01	52.35 3.79 -0.02	59.78 4.43 0.00	76.82 5.62 0.00	87.49 6.26 0.00	78.02 5.98 -0.01	72.10 5.57 -0.23	64.96 4.74 -0.20	60.29 4.51 -1.43	53.31 4.04 -0.02	50.46 3.67 -2.06
BATAVIA__115KV_TB1 55881	51.25 0.46 0.00	47.99 0.71 0.00	45.32 0.27 0.00	45.25 0.80 0.00	46.34 0.64 0.00	49.62 -0.91 0.00	69.92 -3.22 0.00	82.77 -2.91 0.00	61.09 -2.88 0.00	54.20 -1.97 0.00	48.65 -1.66 0.00	44.41 -1.42 0.00	44.71 -1.62 0.00	46.35 -1.88 0.00	46.41 -2.14 0.00	52.08 -3.27 0.01	67.35 -3.84 0.00	77.58 -3.66 0.00	69.01 -3.03 0.00	63.08 -3.25 -0.03	57.10 -2.94 -0.02	51.70 -2.83 -0.17	47.44 -1.82 0.00	43.36 -1.61 -0.24
BAYONEEC___CTG1 323682	53.13 2.34 0.00	49.27 1.99 0.00	46.90 1.85 0.00	46.18 1.73 0.00	47.53 1.83 0.00	53.06 2.53 0.00	77.02 3.87 0.00	89.88 4.20 0.00	67.81 3.84 -0.01	60.41 3.65 -0.60	53.85 3.52 -0.02	49.05 3.21 -0.02	49.69 3.34 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.47 3.93 -3.19	75.82 4.63 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.37 -0.22	64.06 3.84 -0.20	59.37 3.59 -1.43	52.57 3.30 -0.01	49.68 2.91 -2.04
BAYONEEC___CTG10 323750	53.13 2.34 0.00	49.27 1.99 0.00	46.90 1.85 0.00	46.18 1.73 0.00	47.53 1.83 0.00	53.06 2.53 0.00	77.02 3.87 0.00	89.88 4.20 0.00	67.81 3.84 -0.01	60.41 3.65 -0.60	53.85 3.52 -0.02	49.05 3.21 -0.02	49.69 3.34 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.47 3.93 -3.19	75.82 4.63 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.37 -0.22	64.06 3.84 -0.20	59.37 3.59 -1.43	52.57 3.30 -0.01	49.68 2.91 -2.04
BAYONEEC___CTG2 323683	53.13 2.34 0.00	49.27 1.99 0.00	46.90 1.85 0.00	46.18 1.73 0.00	47.53 1.83 0.00	53.06 2.53 0.00	77.02 3.87 0.00	89.88 4.20 0.00	67.81 3.84 -0.01	60.41 3.65 -0.60	53.85 3.52 -0.02	49.05 3.21 -0.02	49.69 3.34 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.47 3.93 -3.19	75.82 4.63 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.37 -0.22	64.06 3.84 -0.20	59.37 3.59 -1.43	52.57 3.30 -0.01	49.68 2.91 -2.04
BAYONEEC___CTG3 323684	53.13 2.34 0.00	49.27 1.99 0.00	46.90 1.85 0.00	46.18 1.73 0.00	47.53 1.83 0.00	53.06 2.53 0.00	77.02 3.87 0.00	89.88 4.20 0.00	67.81 3.84 -0.01	60.41 3.65 -0.60	53.85 3.52 -0.02	49.05 3.21 -0.02	49.69 3.34 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.47 3.93 -3.19	75.82 4.63 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.37 -0.22	64.06 3.84 -0.20	59.37 3.59 -1.43	52.57 3.30 -0.01	49.68 2.91 -2.04
BAYONEEC___CTG4 323685	53.13 2.34 0.00	49.27 1.99 0.00	46.90 1.85 0.00	46.18 1.73 0.00	47.53 1.83 0.00	53.06 2.53 0.00	77.02 3.87 0.00	89.88 4.20 0.00	67.81 3.84 -0.01	60.41 3.65 -0.60	53.85 3.52 -0.02	49.05 3.21 -0.02	49.69 3.34 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.47 3.93 -3.19	75.82 4.63 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.37 -0.22	64.06 3.84 -0.20	59.37 3.59 -1.43	52.57 3.30 -0.01	49.68 2.91 -2.04
BAYONEEC___CTG5 323686	53.13 2.34 0.00	49.27 1.99 0.00	46.90 1.85 0.00	46.18 1.73 0.00	47.53 1.83 0.00	53.06 2.53 0.00	77.02 3.87 0.00	89.88 4.20 0.00	67.81 3.84 -0.01	60.41 3.65 -0.60	53.85 3.52 -0.02	49.05 3.21 -0.02	49.69 3.34 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.47 3.93 -3.19	75.82 4.63 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.37 -0.22	64.06 3.84 -0.20	59.37 3.59 -1.43	52.57 3.30 -0.01	49.68 2.91 -2.04
BAYONEEC___CTG6 323687	53.13 2.34 0.00	49.27 1.99 0.00	46.90 1.85 0.00	46.18 1.73 0.00	47.53 1.83 0.00	53.06 2.53 0.00	77.02 3.87 0.00	89.88 4.20 0.00	67.81 3.84 -0.01	60.41 3.65 -0.60	53.85 3.52 -0.02	49.05 3.21 -0.02	49.69 3.34 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.47 3.93 -3.19	75.82 4.63 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.37 -0.22	64.06 3.84 -0.20	59.37 3.59 -1.43	52.57 3.30 -0.01	49.68 2.91 -2.04
BAYONEEC___CTG7 323688	53.13 2.34 0.00	49.27 1.99 0.00	46.90 1.85 0.00	46.18 1.73 0.00	47.53 1.83 0.00	53.06 2.53 0.00	77.02 3.87 0.00	89.88 4.20 0.00	67.81 3.84 -0.01	60.41 3.65 -0.60	53.85 3.52 -0.02	49.05 3.21 -0.02	49.69 3.34 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.47 3.93 -3.19	75.82 4.63 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.37 -0.22	64.06 3.84 -0.20	59.37 3.59 -1.43	52.57 3.30 -0.01	49.68 2.91 -2.04

BAYONEEC___CTG8 323689	53.13 2.34 0.00	49.27 1.99 0.00	46.90 1.85 0.00	46.18 1.73 0.00	47.53 1.83 0.00	53.06 2.53 0.00	77.02 3.87 0.00	89.88 4.20 0.00	67.81 3.84 -0.01	60.41 3.65 -0.60	53.85 3.52 -0.02	49.05 3.21 -0.02	49.69 3.34 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.47 3.93 -3.19	75.82 4.63 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.37 -0.22	64.06 3.84 -0.20	59.37 3.59 -1.43	52.57 3.30 -0.01	49.68 2.91 -2.04
BAYONEEC___CTG9 323749	53.13 2.34 0.00	49.27 1.99 0.00	46.90 1.85 0.00	46.18 1.73 0.00	47.53 1.83 0.00	53.06 2.53 0.00	77.02 3.87 0.00	89.88 4.20 0.00	67.81 3.84 -0.01	60.41 3.65 -0.60	53.85 3.52 -0.02	49.05 3.21 -0.02	49.69 3.34 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.47 3.93 -3.19	75.82 4.63 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.37 -0.22	64.06 3.84 -0.20	59.37 3.59 -1.43	52.57 3.30 -0.01	49.68 2.91 -2.04
BEACON___LESR 323632	51.70 0.92 0.00	48.23 0.95 0.00	45.95 0.90 0.00	45.39 0.93 0.00	46.61 0.91 0.00	51.64 1.11 0.00	74.97 1.83 0.00	87.65 1.97 0.00	65.50 1.53 0.00	57.35 1.18 0.00	51.22 0.91 0.00	46.70 0.87 0.00	47.21 0.88 0.00	49.15 0.91 0.00	49.47 0.92 0.00	56.62 1.27 0.00	72.90 1.71 0.00	83.43 2.19 0.00	73.91 1.87 0.00	68.23 1.66 -0.27	61.77 1.50 -0.25	57.48 1.36 -1.76	50.54 1.28 0.00	48.38 1.12 -2.53
BEAVER RIVER___HYD 24048	51.30 0.51 0.00	47.81 0.52 0.00	45.37 0.32 0.00	44.67 0.22 0.00	46.02 0.32 0.00	50.68 0.15 0.00	73.51 0.37 0.00	87.22 1.54 0.00	64.09 0.13 0.00	55.60 -0.56 0.00	49.86 -0.45 0.00	45.19 -0.64 0.00	45.59 -0.74 0.00	47.36 -0.87 0.00	47.87 -0.68 0.00	54.90 -0.44 0.00	69.98 -1.21 0.00	79.69 -1.55 0.00	70.16 -1.87 0.00	65.05 -1.26 -0.01	59.24 -0.78 -0.01	53.92 -0.49 -0.06	48.32 -0.94 0.00	44.14 -0.67 -0.08
BEEBEE_GT_13 23619	50.53 -0.25 0.00	47.19 -0.09 0.00	44.87 -0.18 0.00	44.41 -0.04 0.00	45.56 -0.14 0.00	49.57 -0.96 0.00	70.51 -2.63 0.00	83.28 -2.40 0.00	61.79 -2.17 0.00	54.70 -1.46 0.00	49.06 -1.26 0.00	44.73 -1.10 0.00	45.08 -1.25 0.00	46.83 -1.40 0.00	46.99 -1.55 0.00	53.02 -2.32 0.01	68.49 -2.71 0.00	78.55 -2.68 0.00	69.73 -2.31 0.00	64.07 -2.25 -0.02	57.99 -2.04 -0.02	52.65 -1.85 -0.15	47.78 -1.48 0.00	43.82 -1.12 -0.21
BENSHRST_27_KV_BENSHRST_1 355998	53.94 3.15 -0.01	50.04 2.74 -0.01	47.67 2.61 -0.01	46.90 2.44 -0.01	48.26 2.56 -0.01	53.87 3.34 -0.01	77.53 4.39 0.00	90.39 4.71 0.00	68.12 4.16 0.00	60.09 3.31 -0.61	54.41 4.08 -0.02	49.56 3.71 -0.02	50.15 3.80 -0.02	52.20 3.95 -0.02	52.45 3.88 -0.02	62.29 3.71 -3.23	76.32 5.13 0.00	87.08 5.85 0.00	77.22 5.19 0.00	71.36 4.84 0.00	64.72 4.50 -0.22	60.18 4.40 -0.20	53.36 4.09 -1.42	50.41 3.62 -2.05
BETHLEHEM___GRP 23843	50.84 0.05 0.00	47.38 0.09 0.00	45.23 0.18 0.00	44.67 0.22 0.00	45.88 0.18 0.00	50.78 0.25 0.00	73.51 0.37 0.00	86.02 0.34 0.00	64.29 0.32 0.00	56.33 0.17 0.00	50.47 0.15 0.00	46.01 0.18 0.00	46.52 0.19 0.00	48.52 0.29 0.00	48.84 0.29 0.00	55.74 0.39 0.00	71.69 0.50 0.00	81.80 0.57 0.00	72.54 0.50 0.00	67.03 0.46 -0.27	60.75 0.48 -0.25	56.55 0.43 -1.76	49.70 0.44 0.00	47.67 0.40 -2.53
BETHLEHEM___GS1 323560	50.84 0.05 0.00	47.38 0.09 0.00	45.23 0.18 0.00	44.67 0.22 0.00	45.88 0.18 0.00	50.78 0.25 0.00	73.51 0.37 0.00	86.02 0.34 0.00	64.29 0.32 0.00	56.39 0.23 0.00	50.47 0.15 0.00	46.06 0.23 0.00	46.61 0.28 0.00	48.52 0.29 0.00	48.84 0.29 0.00	55.74 0.39 0.00	71.70 0.50 0.00	81.88 0.65 0.00	72.54 0.51 0.00	67.04 0.47 -0.27	60.74 0.48 -0.25	56.55 0.43 -1.76	49.70 0.44 0.00	47.66 0.40 -2.53
BETHLEHEM___GS2 323561	50.84 0.05 0.00	47.38 0.09 0.00	45.23 0.18 0.00	44.67 0.22 0.00	45.88 0.18 0.00	50.78 0.25 0.00	73.51 0.37 0.00	86.02 0.34 0.00	64.29 0.32 0.00	56.39 0.23 0.00	50.47 0.15 0.00	46.06 0.23 0.00	46.61 0.28 0.00	48.52 0.29 0.00	48.84 0.29 0.00	55.74 0.39 0.00	71.70 0.50 0.00	81.88 0.65 0.00	72.54 0.51 0.00	67.04 0.47 -0.27	60.74 0.48 -0.25	56.55 0.43 -1.76	49.70 0.44 0.00	47.66 0.40 -2.53
BETHLEHEM___GS3 323562	50.84 0.05 0.00	47.38 0.09 0.00	45.23 0.18 0.00	44.67 0.22 0.00	45.88 0.18 0.00	50.78 0.25 0.00	73.51 0.37 0.00	86.02 0.34 0.00	64.29 0.32 0.00	56.39 0.23 0.00	50.47 0.15 0.00	46.06 0.23 0.00	46.61 0.28 0.00	48.52 0.29 0.00	48.84 0.29 0.00	55.74 0.39 0.00	71.70 0.50 0.00	81.88 0.65 0.00	72.54 0.51 0.00	67.04 0.47 -0.27	60.74 0.48 -0.25	56.55 0.43 -1.76	49.70 0.44 0.00	47.66 0.40 -2.53
BETHLEHEM___STEEL 23779	50.53 -0.25 0.00	47.38 0.09 0.00	45.01 -0.05 0.00	44.72 0.27 0.00	45.74 0.05 0.00	49.01 -1.52 0.00	68.68 -4.46 0.00	80.97 -4.71 0.00	59.81 -4.16 0.00	53.52 -2.64 0.00	48.25 -2.06 0.00	44.14 -1.70 0.00	44.43 -1.90 0.00	46.01 -2.22 0.00	46.02 -2.52 0.00	51.52 -3.82 0.01	66.28 -4.91 0.00	76.12 -5.12 0.00	67.71 -4.32 0.00	61.42 -4.91 -0.03	55.42 -4.62 -0.03	49.98 -4.57 -0.19	46.65 -2.61 0.00	42.28 -2.73 -0.28
BETHLHEM_115KV_TB1 79974	50.99 0.20 0.00	47.52 0.24 0.00	45.37 0.32 0.00	44.81 0.36 0.00	45.97 0.27 0.00	50.93 0.40 0.00	73.80 0.66 0.00	86.19 0.51 0.00	64.48 0.51 0.00	56.50 0.34 0.00	50.62 0.30 0.00	46.15 0.32 0.00	46.66 0.32 0.00	48.67 0.43 0.00	48.93 0.39 0.00	55.90 0.55 0.00	71.91 0.71 0.00	82.05 0.81 0.00	72.76 0.72 0.00	67.23 0.66 -0.27	60.93 0.66 -0.25	56.71 0.60 -1.76	49.85 0.59 0.00	47.80 0.54 -2.53
BETHPAGE_CC_5 323564	54.65 3.86 -0.01	50.59 3.31 0.00	48.03 2.97 0.00	47.25 2.80 0.00	48.63 2.93 0.00	54.12 3.59 0.00	77.09 3.95 0.00	89.45 3.77 0.00	67.16 3.20 0.00	60.60 4.44 0.00	54.85 4.53 0.00	50.24 4.40 -0.01	50.78 4.45 0.00	52.97 4.73 -0.01	52.98 4.42 -0.01	60.27 4.92 0.00	77.61 6.41 0.00	88.38 7.15 0.00	78.89 6.85 -0.01	72.76 6.23 -0.23	65.56 5.34 -0.20	60.78 5.00 -1.43	53.86 4.58 -0.01	50.86 4.07 -2.06
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	50.64 -0.15 0.00	47.47 0.19 0.00	45.10 0.05 0.00	44.81 0.36 0.00	45.83 0.14 0.00	49.12 -1.41 0.00	68.90 -4.24 0.00	81.31 -4.37 0.00	60.06 -3.90 0.00	53.69 -2.47 0.00	48.40 -1.91 0.00	44.27 -1.56 0.00	44.57 -1.76 0.00	46.16 -2.07 0.00	46.17 -2.38 0.00	51.74 -3.60 0.01	66.50 -4.70 0.00	76.36 -4.87 0.00	68.00 -4.03 0.00	61.55 -4.77 -0.03	55.48 -4.56 -0.03	49.88 -4.67 -0.20	46.80 -2.46 0.00	42.20 -2.82 -0.28
BINGHAMTON___COGEN 23790	51.40 0.61 0.00	47.90 0.61 0.00	45.64 0.59 0.00	45.03 0.58 0.00	46.29 0.59 0.00	51.09 0.56 0.00	73.80 0.66 0.00	86.62 0.94 0.00	64.48 0.51 0.00	56.44 0.28 0.00	50.62 0.30 0.00	46.15 0.32 0.00	46.57 0.23 0.00	48.42 0.19 0.00	48.69 0.15 0.00	55.02 -0.33 0.00	70.91 -0.28 0.00	80.99 -0.24 0.00	71.96 -0.07 0.00	66.04 -0.33 -0.08	59.90 -0.18 -0.07	54.46 -0.38 -0.49	49.31 0.05 0.00	45.30 -0.13 -0.70

BIXINCNT_115KV_LOAD 355685	50.89 0.10 0.00	47.76 0.47 0.00	45.32 0.27 0.00	45.03 0.58 0.00	46.06 0.37 0.00	49.57 -0.96 0.00	70.00 -3.15 0.00	82.42 -3.26 0.00	60.83 -3.13 0.00	54.20 -1.97 0.00	48.96 -1.36 0.00	44.78 -1.05 0.00	44.99 -1.34 0.00	46.59 -1.64 0.00	46.56 -1.99 0.00	52.35 -2.99 0.01	67.42 -3.77 0.00	77.50 -3.74 0.00	68.94 -3.10 0.00	62.09 -4.24 -0.03	55.78 -4.26 -0.03	49.67 -4.89 -0.21	46.89 -2.36 0.00	41.90 -3.13 -0.30
BLACK RIVER___HYD 24047	51.24 0.46 0.00	47.81 0.52 0.00	45.32 0.27 0.00	44.63 0.18 0.00	45.93 0.23 0.00	50.78 0.25 0.00	74.02 0.88 0.00	88.25 2.57 0.00	64.48 0.51 0.00	55.88 -0.28 0.00	49.81 -0.50 0.00	45.10 -0.74 0.00	45.45 -0.88 0.00	47.31 -0.92 0.00	47.77 -0.78 0.00	55.02 -0.33 0.00	70.70 -0.49 0.00	80.75 -0.48 0.00	71.32 -0.72 0.00	66.05 -0.26 -0.01	60.02 0.00 -0.01	54.38 -0.05 -0.08	48.72 -0.54 0.00	44.44 -0.40 -0.11
BLACKRVR_115KV_TB2 79977	51.25 0.46 0.00	47.81 0.52 0.00	45.32 0.27 0.00	44.63 0.18 0.00	45.93 0.23 0.00	50.78 0.25 0.00	74.02 0.88 0.00	88.25 2.57 0.00	64.48 0.51 0.00	56.11 -0.06 0.00	49.81 -0.50 0.00	45.10 -0.73 0.00	45.45 -0.88 0.00	47.31 -0.92 0.00	47.77 -0.78 0.00	55.07 -0.28 0.00	70.63 -0.57 0.00	80.75 -0.49 0.00	71.32 -0.72 0.00	66.04 -0.27 -0.01	60.02 0.00 -0.01	54.38 -0.05 -0.08	48.72 -0.54 0.00	44.44 -0.40 -0.11
BLDWN_LI_69_KV_BK4 356085	54.65 3.86 -0.01	50.60 3.31 0.00	48.03 2.97 0.00	47.25 2.80 0.00	48.62 2.92 0.00	54.17 3.64 0.00	77.24 4.10 0.00	89.62 3.94 0.00	67.23 3.26 0.00	60.21 4.04 0.00	54.79 4.48 0.00	50.19 4.35 -0.01	50.69 4.36 0.00	52.82 4.58 -0.01	52.83 4.27 -0.01	60.27 4.93 0.00	77.82 6.62 0.00	88.46 7.23 0.00	78.96 6.92 -0.01	72.89 6.36 -0.23	65.68 5.46 -0.20	60.89 5.11 -1.43	53.80 4.53 -0.01	50.82 4.03 -2.06
BLISS_WT_PWR 323608	50.94 0.15 0.00	47.76 0.47 0.00	45.41 0.36 0.00	45.03 0.58 0.00	46.06 0.36 0.00	49.57 -0.96 0.00	70.00 -3.14 0.00	82.42 -3.26 0.00	60.83 -3.13 0.00	54.36 -1.80 0.00	48.96 -1.36 0.00	44.78 -1.05 0.00	45.04 -1.30 0.00	46.64 -1.59 0.00	46.60 -1.94 0.00	52.35 -2.99 0.01	67.49 -3.71 0.00	77.26 -3.98 0.00	68.94 -3.10 0.00	62.35 -3.98 -0.03	54.88 -5.16 -0.03	49.63 -4.95 -0.22	46.80 -2.46 0.00	41.78 -3.26 -0.31
BLUESTONE___WT_PWR 323821	53.53 2.74 0.00	49.98 2.69 0.00	47.48 2.43 0.00	46.81 2.35 0.00	48.16 2.47 0.00	53.36 2.83 0.00	77.75 4.61 0.00	91.93 6.25 0.00	67.74 3.77 0.00	59.14 2.97 0.00	52.58 2.27 0.00	47.85 2.01 0.00	48.19 1.86 0.00	50.16 1.93 0.00	50.58 2.04 0.00	57.95 2.60 0.00	74.82 3.63 0.00	85.46 4.22 0.00	75.56 3.53 0.00	69.56 3.18 -0.08	62.85 2.76 -0.07	56.89 2.01 -0.52	51.13 1.87 0.00	47.04 1.56 -0.74
BLUE_CIRC_CHEM_DRP 24182	52.01 1.22 0.00	48.51 1.23 0.00	46.22 1.17 0.00	45.65 1.20 0.00	46.89 1.19 0.00	51.95 1.41 0.00	75.26 2.12 0.00	87.91 2.23 0.00	65.50 1.54 0.00	57.23 1.07 0.00	51.12 0.81 0.00	46.52 0.69 0.00	47.03 0.70 0.00	49.00 0.77 0.00	49.37 0.83 0.00	56.62 1.27 0.00	73.05 1.85 0.00	83.51 2.27 0.00	73.98 1.94 0.00	68.35 1.79 -0.27	61.94 1.68 -0.25	57.49 1.41 -1.72	50.69 1.43 0.00	48.42 1.21 -2.48
BOC_GAS_DRP 24189	51.40 0.61 0.00	47.85 0.57 0.00	45.68 0.63 0.00	45.07 0.62 0.00	46.29 0.59 0.00	51.29 0.76 0.00	74.31 1.17 0.00	86.88 1.20 0.00	64.99 1.02 0.00	56.95 0.79 0.00	51.02 0.70 0.00	46.52 0.69 0.00	47.07 0.74 0.00	49.05 0.82 0.00	49.32 0.78 0.00	56.29 0.94 0.00	72.48 1.28 0.00	82.62 1.38 0.00	73.26 1.22 0.00	67.76 1.19 -0.27	61.34 1.08 -0.25	57.08 0.98 -1.75	50.19 0.94 0.00	48.05 0.81 -2.51
BOONVILLE_115KV_TB1 79983	51.91 1.12 0.00	48.37 1.09 0.00	45.95 0.90 0.00	45.30 0.84 0.00	46.61 0.91 0.00	51.54 1.01 0.00	74.90 1.76 0.00	88.42 2.74 0.00	65.37 1.41 0.00	57.18 1.01 0.00	50.97 0.65 0.00	46.34 0.50 0.00	46.75 0.42 0.00	48.62 0.39 0.00	49.08 0.53 0.00	56.29 0.94 0.00	72.12 0.93 0.00	82.21 0.97 0.00	72.47 0.43 0.00	66.90 0.60 -0.01	60.68 0.66 -0.01	54.95 0.54 -0.05	49.55 0.30 0.00	45.11 0.31 -0.07
BORALEX_4TH_BRANCH 23824	52.97 2.18 0.00	49.32 2.03 0.00	46.99 1.94 0.00	46.36 1.91 0.00	47.66 1.97 0.00	52.85 2.32 0.00	76.73 3.58 0.00	89.71 4.03 0.00	67.04 3.07 0.00	58.75 2.58 0.00	52.08 1.76 0.00	47.48 1.65 0.00	47.96 1.62 0.00	50.35 2.12 0.00	50.73 2.18 0.00	58.01 2.66 0.00	74.68 3.49 0.00	85.30 4.06 0.00	75.64 3.60 0.00	69.89 3.31 -0.27	63.27 3.00 -0.26	58.80 2.66 -1.78	51.67 2.41 0.00	49.48 2.19 -2.56
BOWLINE___1 23526	52.67 1.88 0.00	48.94 1.65 0.00	46.59 1.53 0.00	45.92 1.46 0.00	47.20 1.51 0.00	52.65 2.12 0.00	76.58 3.44 0.00	89.28 3.60 0.00	67.04 3.07 0.00	59.08 2.92 0.00	53.18 2.87 0.00	48.44 2.61 0.00	49.02 2.69 0.00	50.98 2.75 0.00	51.26 2.72 0.00	58.45 3.10 0.00	74.97 3.77 0.00	85.70 4.46 0.00	75.99 3.96 0.00	70.22 3.71 -0.21	63.45 3.24 -0.20	58.67 2.93 -1.38	51.97 2.71 0.00	49.13 2.41 -1.98
BOWLINE___2 23595	52.67 1.88 0.00	48.89 1.61 0.00	46.59 1.53 0.00	45.87 1.42 0.00	47.20 1.51 0.00	52.60 2.07 0.00	76.58 3.44 0.00	89.19 3.51 0.00	67.04 3.07 0.00	59.08 2.92 0.00	53.13 2.82 0.00	48.40 2.56 0.00	49.02 2.69 0.00	50.98 2.75 0.00	51.26 2.72 0.00	58.45 3.10 0.00	74.97 3.77 0.00	85.70 4.46 0.00	75.99 3.96 0.00	70.22 3.71 -0.21	63.45 3.24 -0.20	58.67 2.93 -1.38	51.97 2.71 0.00	49.13 2.41 -1.98
BRADY___115KV_TB2 356060	52.41 1.63 0.00	48.56 1.28 0.00	46.22 1.17 0.00	45.61 1.16 0.00	46.93 1.23 0.00	50.83 0.30 0.00	73.22 0.07 0.00	86.45 0.77 0.00	63.71 -0.26 0.00	56.22 0.06 0.00	50.16 -0.15 0.00	45.33 -0.50 0.00	45.87 -0.46 0.00	47.75 -0.48 0.00	48.40 -0.15 0.00	55.13 -0.22 0.00	70.27 -0.93 0.00	79.85 -1.38 0.00	70.52 -1.51 0.00	65.64 -0.66 0.00	59.53 -0.48 0.00	54.95 0.60 0.00	48.86 -0.39 0.00	44.78 0.04 0.00
BRANSCOMB___SOLAR 323811	53.33 2.54 0.00	49.74 2.46 0.00	47.30 2.25 0.00	46.72 2.27 0.00	48.03 2.33 0.00	53.31 2.78 0.00	77.46 4.31 0.00	90.65 4.97 0.00	67.48 3.52 0.00	58.86 2.70 0.00	52.28 1.96 0.00	47.53 1.70 0.00	48.00 1.67 0.00	49.92 1.69 0.00	50.34 1.80 0.00	57.90 2.55 0.00	74.82 3.63 0.00	85.86 4.63 0.00	76.07 4.03 0.00	70.16 3.58 -0.28	63.63 3.36 -0.26	59.16 2.99 -1.82	51.92 2.66 0.00	49.71 2.37 -2.61
BRDGHMPT_69_KV_BK1 55812	56.59 5.79 -0.01	52.30 5.01 0.00	49.60 4.55 0.00	48.85 4.40 0.00	50.22 4.52 0.00	55.99 5.46 0.00	79.58 6.44 0.00	91.94 6.25 0.00	69.15 5.18 0.00	62.12 5.95 0.00	56.66 6.34 0.00	51.75 5.91 -0.01	52.26 5.93 0.00	54.70 6.46 -0.01	54.87 6.31 -0.02	62.64 7.25 -0.04	80.99 9.75 -0.04	91.63 10.40 0.00	81.98 9.94 -0.01	76.32 9.22 -0.81	68.18 7.92 -0.24	66.98 7.39 -5.23	55.78 6.50 -0.02	52.56 5.77 -2.06

BRENTWOD_69_KV_W. BRTWOOD 56703	55.47 4.67 -0.01	51.30 4.02 0.00	48.70 3.65 0.00	47.92 3.47 0.00	49.31 3.61 0.00	54.98 4.45 0.00	78.04 4.90 0.00	90.39 4.71 0.00	67.80 3.84 0.00	60.99 4.83 0.00	55.60 5.28 0.00	50.83 5.00 -0.01	51.34 5.00 0.00	53.64 5.40 -0.01	53.71 5.15 -0.02	60.39 5.04 0.00	78.32 7.12 0.00	89.52 8.29 0.00	80.04 8.00 -0.01	73.08 6.50 -0.28	65.92 5.70 -0.21	61.36 5.22 -1.78	54.64 5.37 -0.02	51.58 4.79 -2.06
BRISTLHL_115KV_TB1 79998	49.47 -1.32 0.00	46.10 -1.18 0.00	43.88 -1.17 0.00	43.30 -1.16 0.00	44.51 -1.19 0.00	49.22 -1.31 0.00	71.09 -2.05 0.00	83.54 -2.14 0.00	62.24 -1.73 0.00	54.65 -1.52 0.00	48.96 -1.36 0.00	44.59 -1.24 0.00	45.04 -1.30 0.00	46.88 -1.35 0.00	47.19 -1.36 0.00	53.69 -1.66 0.00	69.13 -2.06 0.00	78.96 -2.27 0.00	70.16 -1.87 0.00	64.53 -1.79 -0.02	58.35 -1.68 -0.02	52.90 -1.58 -0.12	47.83 -1.43 0.00	43.56 -1.34 -0.17
BROOKHAVEN___DRP 24191	55.32 4.52 -0.01	51.12 3.83 0.00	48.48 3.42 0.00	47.74 3.29 0.00	49.13 3.43 0.00	54.77 4.24 0.00	77.53 4.39 0.00	89.54 3.86 0.00	67.55 3.58 0.00	60.83 4.66 0.00	55.45 5.13 0.00	50.70 4.86 -0.01	51.20 4.87 0.00	53.50 5.26 -0.01	53.61 5.05 -0.02	61.03 5.65 -0.04	78.78 7.55 -0.04	89.03 7.80 0.00	79.61 7.56 -0.01	74.26 7.16 -0.81	66.38 6.12 -0.24	65.36 5.76 -5.24	54.54 5.27 -0.02	51.44 4.65 -2.06
BROOKLYN_NAVY_YARD 23515	53.08 2.29 0.00	49.22 1.94 0.00	46.86 1.80 0.00	46.10 1.65 0.00	47.43 1.74 0.00	53.01 2.48 0.00	76.94 3.80 0.00	89.88 4.20 0.00	67.75 3.77 -0.01	60.47 3.71 -0.60	53.75 3.42 -0.02	48.97 3.12 -0.02	49.64 3.29 -0.02	51.57 3.33 -0.02	51.86 3.30 -0.02	62.53 3.99 -3.19	75.82 4.63 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.37 -0.22	64.06 3.84 -0.20	59.37 3.59 -1.43	52.52 3.25 -0.01	49.64 2.87 -2.04
BROOKLYN___ARMY_DRP 323595	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.10 0.00	90.05 4.37 0.00	67.87 3.90 0.00	59.86 3.09 -0.61	54.21 3.87 -0.02	49.38 3.53 -0.02	49.96 3.61 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.09 3.49 -3.25	76.04 4.84 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.42	53.16 3.89 -0.01	50.27 3.49 -2.05
BROOME_2_LFGE 323671	51.40 0.61 0.00	47.90 0.61 0.00	45.64 0.58 0.00	45.03 0.58 0.00	46.29 0.59 0.00	51.09 0.56 0.00	73.80 0.66 0.00	86.62 0.94 0.00	64.48 0.51 0.00	56.50 0.34 0.00	50.62 0.30 0.00	46.11 0.28 0.00	46.57 0.23 0.00	48.42 0.19 0.00	48.69 0.15 0.00	55.02 -0.33 0.00	70.91 -0.28 0.00	80.91 -0.32 0.00	71.89 -0.14 0.00	66.11 -0.26 -0.08	59.78 -0.30 -0.07	54.46 -0.38 -0.48	49.31 0.05 0.00	45.28 -0.13 -0.69
BROOME___LFGE 323600	51.40 0.61 0.00	47.90 0.61 0.00	45.64 0.58 0.00	45.03 0.58 0.00	46.29 0.59 0.00	51.09 0.56 0.00	73.80 0.66 0.00	86.62 0.94 0.00	64.48 0.51 0.00	56.50 0.34 0.00	50.62 0.30 0.00	46.11 0.28 0.00	46.57 0.23 0.00	48.42 0.19 0.00	48.69 0.15 0.00	55.02 -0.33 0.00	70.91 -0.28 0.00	80.91 -0.32 0.00	71.89 -0.14 0.00	66.11 -0.26 -0.08	59.78 -0.30 -0.07	54.46 -0.38 -0.48	49.31 0.05 0.00	45.28 -0.13 -0.69
BROWNFLS_115KV_TB_3_5 80003	51.19 0.41 0.00	47.57 0.28 0.00	45.23 0.18 0.00	44.58 0.13 0.00	45.88 0.18 0.00	50.08 -0.45 0.00	72.19 -0.95 0.00	85.51 -0.17 0.00	63.01 -0.96 0.00	55.32 -0.84 0.00	49.41 -0.91 0.00	44.73 -1.10 0.00	45.18 -1.16 0.00	46.88 -1.35 0.00	47.43 -1.12 0.00	54.24 -1.11 0.00	68.85 -2.35 0.00	78.15 -3.09 0.00	68.87 -3.17 0.00	64.12 -2.19 -0.01	58.34 -1.68 -0.01	53.64 -0.76 -0.04	47.93 -1.33 0.00	43.94 -0.85 -0.06
BROWNSV1_27_KV_LOAD 356125	53.53 2.74 0.00	49.65 2.36 0.00	47.26 2.21 0.00	46.50 2.04 0.00	47.85 2.15 0.00	53.46 2.93 0.00	77.68 4.53 0.00	90.65 4.97 0.00	68.32 4.35 0.00	60.70 3.93 -0.60	54.21 3.87 -0.02	49.42 3.57 -0.02	50.01 3.66 -0.02	52.01 3.76 -0.02	52.30 3.74 -0.02	62.86 4.32 -3.19	76.53 5.34 0.00	87.33 6.09 0.00	77.37 5.33 0.00	71.49 4.97 -0.22	64.66 4.44 -0.20	59.80 4.02 -1.42	52.95 3.69 0.00	50.00 3.22 -2.04
BURROWS___LYONSDAL 23803	51.75 0.96 0.00	48.23 0.95 0.00	45.82 0.77 0.00	45.16 0.71 0.00	46.47 0.78 0.00	51.39 0.86 0.00	74.61 1.46 0.00	88.17 2.48 0.00	65.12 1.15 0.00	56.89 0.73 0.00	50.72 0.40 0.00	46.06 0.23 0.00	46.47 0.14 0.00	48.33 0.10 0.00	48.79 0.24 0.00	56.01 0.66 0.00	71.62 0.43 0.00	81.56 0.32 0.00	71.89 -0.14 0.00	66.37 0.07 -0.01	60.26 0.24 -0.01	54.62 0.22 -0.05	49.16 -0.10 0.00	44.80 0.00 -0.07
CAITHNESS_CC_1 323624	55.11 4.31 -0.01	50.93 3.64 0.00	48.30 3.25 0.00	47.56 3.11 0.00	48.94 3.24 0.00	54.57 4.04 0.00	77.16 4.02 0.00	89.11 3.43 0.00	67.29 3.32 0.00	61.05 4.88 0.00	55.25 4.93 0.00	50.47 4.63 -0.01	51.06 4.73 0.00	53.30 5.06 -0.01	53.42 4.85 -0.02	60.81 5.43 -0.04	78.07 6.84 0.00	88.63 7.39 0.00	79.25 7.20 -0.01	73.87 6.77 -0.81	66.02 5.76 -0.24	65.09 5.49 -5.24	54.35 5.07 -0.02	51.26 4.47 -2.06
CALPINE BETH_PAGE_GT4 24209	54.55 3.76 -0.01	50.50 3.22 0.00	47.89 2.84 0.00	47.16 2.71 0.00	48.53 2.83 0.00	53.92 3.39 0.00	76.87 3.73 0.00	89.19 3.51 0.00	66.91 2.94 0.00	59.98 3.82 0.00	54.64 4.33 0.00	50.15 4.31 -0.01	50.64 4.31 0.00	52.82 4.58 -0.01	52.83 4.27 -0.01	60.05 4.70 0.00	77.53 6.34 0.00	88.06 6.82 0.00	78.60 6.56 -0.01	72.49 5.97 -0.23	65.38 5.16 -0.20	60.62 4.84 -1.43	53.71 4.43 -0.01	50.73 3.94 -2.06
CALPINE_BETH_PAGE_GT_4 323586	54.55 3.76 -0.01	50.50 3.22 0.00	47.89 2.84 0.00	47.16 2.71 0.00	48.53 2.83 0.00	53.92 3.39 0.00	76.87 3.73 0.00	89.19 3.51 0.00	66.91 2.94 0.00	60.38 4.21 0.00	54.64 4.33 0.00	50.10 4.26 -0.01	50.64 4.31 0.00	52.82 4.58 -0.01	52.83 4.27 -0.01	60.05 4.70 0.00	77.32 6.12 0.00	88.06 6.82 0.00	78.60 6.55 -0.01	72.49 5.97 -0.23	65.32 5.10 -0.20	60.62 4.84 -1.43	53.71 4.44 -0.01	50.73 3.94 -2.06
CALPINE_BP_GT1 23823	54.55 3.76 -0.01	50.50 3.22 0.00	47.89 2.84 0.00	47.16 2.71 0.00	48.53 2.83 0.00	53.92 3.39 0.00	76.87 3.73 0.00	89.19 3.51 0.00	66.91 2.94 0.00	60.38 4.21 0.00	54.64 4.33 0.00	50.10 4.26 -0.01	50.64 4.31 0.00	52.82 4.58 -0.01	52.83 4.27 -0.01	60.05 4.70 0.00	77.32 6.12 0.00	88.06 6.82 0.00	78.60 6.55 -0.01	72.49 5.97 -0.23	65.32 5.10 -0.20	60.62 4.84 -1.43	53.71 4.44 -0.01	50.73 3.94 -2.06
CALSPAN___DRP 24200	50.53 -0.25 0.00	47.38 0.09 0.00	45.01 -0.05 0.00	44.72 0.27 0.00	45.74 0.05 0.00	49.01 -1.52 0.00	68.68 -4.46 0.00	80.97 -4.71 0.00	59.81 -4.16 0.00	53.52 -2.64 0.00	48.25 -2.06 0.00	44.14 -1.70 0.00	44.43 -1.90 0.00	46.01 -2.22 0.00	46.02 -2.52 0.00	51.52 -3.82 0.01	66.28 -4.91 0.00	76.12 -5.12 0.00	67.71 -4.32 0.00	61.42 -4.91 -0.03	55.42 -4.62 -0.03	49.98 -4.57 -0.19	46.65 -2.61 0.00	42.28 -2.73 -0.28

CALVERTON___SOLAR 323806	55.57 4.77 -0.01	51.35 4.07 0.00	48.70 3.65 0.00	47.92 3.47 0.00	49.31 3.61 0.00	54.98 4.45 0.00	77.89 4.75 0.00	89.96 4.28 0.00	67.80 3.84 0.00	61.50 5.34 0.00	55.65 5.33 0.00	50.84 5.00 -0.01	51.38 5.05 0.00	53.74 5.50 -0.01	53.85 5.29 -0.02	61.37 5.98 -0.04	78.86 7.62 -0.04	89.52 8.29 0.00	80.11 8.07 -0.01	74.66 7.56 -0.81	66.68 6.42 -0.24	65.68 6.09 -5.24	54.79 5.52 -0.02	51.67 4.88 -2.06
CANDIGU_WT_PWR 323617	50.74 -0.05 0.00	47.52 0.24 0.00	45.19 0.14 0.00	44.80 0.35 0.00	45.88 0.18 0.00	49.67 -0.86 0.00	70.36 -2.78 0.00	82.51 -3.17 0.00	60.64 -3.33 0.00	53.92 -2.25 0.00	48.55 -1.76 0.00	44.36 -1.47 0.00	44.62 -1.71 0.00	46.21 -2.02 0.00	46.22 -2.33 0.00	52.23 -3.10 0.02	67.57 -3.63 0.00	77.34 -3.90 0.00	69.08 -2.96 0.00	62.96 -3.38 -0.04	55.79 -4.26 -0.04	50.72 -3.91 -0.28	47.09 -2.17 0.00	42.72 -2.42 -0.40
CARR STREET_E_SYR 24060	50.08 -0.71 0.00	46.62 -0.66 0.00	44.38 -0.67 0.00	43.83 -0.62 0.00	45.06 -0.64 0.00	49.77 -0.76 0.00	71.68 -1.46 0.00	84.31 -1.37 0.00	62.82 -1.15 0.00	55.21 -0.96 0.00	49.56 -0.75 0.00	45.14 -0.69 0.00	45.59 -0.74 0.00	47.46 -0.77 0.00	47.77 -0.78 0.00	54.18 -1.16 0.00	69.77 -1.42 0.00	79.61 -1.62 0.00	70.66 -1.37 0.00	64.99 -1.33 -0.02	58.77 -1.26 -0.02	53.30 -1.20 -0.14	48.37 -0.89 0.00	44.08 -0.85 -0.20
CARTHAGE___PAPER 23857	51.35 0.56 0.00	47.85 0.57 0.00	45.37 0.32 0.00	44.67 0.22 0.00	46.02 0.32 0.00	50.78 0.25 0.00	73.87 0.73 0.00	87.82 2.14 0.00	64.35 0.39 0.00	55.71 -0.45 0.00	49.86 -0.45 0.00	45.14 -0.69 0.00	45.50 -0.83 0.00	47.31 -0.92 0.00	47.82 -0.73 0.00	54.96 -0.38 0.00	70.34 -0.85 0.00	80.26 -0.97 0.00	70.74 -1.29 0.00	65.58 -0.73 -0.01	59.72 -0.30 -0.01	54.21 -0.22 -0.07	48.52 -0.74 0.00	44.34 -0.49 -0.10
CASSADAGA_WT_PWR 323784	51.70 0.92 0.00	48.56 1.28 0.00	46.13 1.08 0.00	45.83 1.38 0.00	46.88 1.19 0.00	50.48 -0.05 0.00	71.46 -1.68 0.00	84.05 -1.63 0.00	62.05 -1.92 0.00	55.32 -0.84 0.00	49.86 -0.45 0.00	45.46 -0.37 0.00	45.92 -0.42 0.00	47.51 -0.72 0.00	47.43 -1.11 0.00	53.35 -1.99 0.01	68.85 -2.35 0.00	78.96 -2.27 0.00	70.24 -1.80 0.00	63.48 -2.85 -0.03	56.08 -3.96 -0.03	50.76 -3.81 -0.21	47.58 -1.67 0.00	42.81 -2.24 -0.31
CE_DUNWOOD___DRP 24194	52.87 2.08 0.00	49.13 1.84 0.00	46.76 1.71 0.00	46.05 1.60 0.00	47.39 1.69 0.00	52.85 2.32 0.00	76.87 3.73 0.00	89.62 3.94 0.00	67.36 3.39 0.00	59.25 3.09 0.00	53.43 3.12 0.00	48.72 2.89 0.00	49.25 2.92 0.00	51.27 3.04 0.00	51.56 3.01 0.00	58.78 3.43 0.00	75.47 4.27 0.00	86.11 4.87 0.00	76.36 4.32 0.00	70.56 4.04 -0.22	63.82 3.60 -0.20	59.04 3.26 -1.42	52.26 3.00 0.00	49.41 2.64 -2.04
CE_MILLWOOD___DRP 24193	52.82 2.03 0.00	49.03 1.75 0.00	46.72 1.67 0.00	46.01 1.56 0.00	47.34 1.65 0.00	52.80 2.27 0.00	76.73 3.58 0.00	89.54 3.86 0.00	67.23 3.26 0.00	59.14 2.98 0.00	53.33 3.02 0.00	48.63 2.80 0.00	49.16 2.83 0.00	51.12 2.89 0.00	51.41 2.86 0.00	58.67 3.32 0.00	75.32 4.13 0.00	85.95 4.71 0.00	76.21 4.18 0.00	70.43 3.91 -0.22	63.70 3.48 -0.20	58.92 3.15 -1.41	52.16 2.91 0.00	49.31 2.55 -2.03
CE_NYC2_DRP 24202	53.49 2.69 -0.01	49.66 2.36 -0.01	47.27 2.21 -0.01	46.50 2.04 -0.01	47.85 2.15 -0.01	53.42 2.88 -0.01	77.17 4.02 0.00	90.05 4.37 0.00	67.87 3.90 0.00	60.14 3.37 -0.61	54.00 3.67 -0.02	49.24 3.39 -0.02	49.82 3.48 -0.02	51.82 3.57 -0.02	52.11 3.54 -0.02	62.35 3.76 -3.24	75.97 4.77 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.30 4.08 -0.20	59.58 3.80 -1.42	52.81 3.55 0.00	49.96 3.18 -2.05
CE_NYC_DRP 24195	53.18 2.39 0.00	49.32 2.03 0.00	46.94 1.89 0.00	46.23 1.78 0.00	47.57 1.87 0.00	53.11 2.58 0.00	77.17 4.02 0.00	90.14 4.46 0.00	67.87 3.90 0.00	60.36 3.59 -0.60	53.90 3.57 -0.02	49.15 3.30 -0.02	49.73 3.38 -0.02	51.72 3.47 -0.02	52.01 3.45 -0.02	62.45 3.93 -3.18	76.04 4.84 0.00	86.76 5.52 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.24 4.02 -0.20	59.42 3.64 -1.42	52.61 3.35 0.00	49.68 2.91 -2.04
CHAFFEE___LFGE 323603	50.59 -0.20 0.00	47.43 0.14 0.00	45.10 0.05 0.00	44.76 0.31 0.00	45.79 0.09 0.00	49.06 -1.47 0.00	68.90 -4.24 0.00	81.22 -4.46 0.00	60.06 -3.90 0.00	53.75 -2.41 0.00	48.40 -1.91 0.00	44.23 -1.61 0.00	44.53 -1.81 0.00	46.16 -2.07 0.00	46.12 -2.43 0.00	51.68 -3.65 0.01	66.57 -4.63 0.00	76.12 -5.12 0.00	67.93 -4.10 0.00	61.69 -4.64 -0.03	55.06 -4.98 -0.03	50.05 -4.51 -0.21	46.80 -2.46 0.00	42.35 -2.68 -0.30
CHATEAUG_35_KV_LOAD 355732	51.65 0.86 0.00	47.81 0.52 0.00	45.59 0.54 0.00	44.94 0.49 0.00	46.34 0.64 0.00	50.13 -0.40 0.00	71.97 -1.17 0.00	84.91 -0.77 0.00	62.88 -1.09 0.00	55.83 -0.34 0.00	49.86 -0.45 0.00	45.10 -0.73 0.00	45.64 -0.70 0.00	47.51 -0.72 0.00	48.11 -0.44 0.00	54.79 -0.55 0.00	69.63 -1.57 0.00	79.04 -2.19 0.00	69.87 -2.16 0.00	64.91 -1.39 0.00	58.93 -1.08 0.00	54.47 0.11 0.00	48.32 -0.94 0.00	44.11 -0.63 0.00
CHATEAUG_WT_PWR 323614	51.50 0.71 0.00	47.71 0.42 0.00	45.46 0.40 0.00	44.85 0.40 0.00	46.20 0.50 0.00	49.98 -0.55 0.00	71.75 -1.39 0.00	84.48 -1.20 0.00	62.62 -1.35 0.00	54.31 -1.85 0.00	49.71 -0.60 0.00	45.01 -0.82 0.00	45.59 -0.74 0.00	47.46 -0.77 0.00	48.01 -0.53 0.00	54.35 -0.99 0.00	69.42 -1.78 0.00	78.72 -2.52 0.00	69.51 -2.52 0.00	64.51 -1.79 0.00	58.69 -1.32 0.00	54.19 -0.16 0.00	48.13 -1.13 0.00	43.97 -0.76 0.00
CHAT_HIGH_FALL_HYD 323578	51.65 0.86 0.00	47.81 0.52 0.00	45.59 0.54 0.00	44.94 0.49 0.00	46.34 0.64 0.00	50.13 -0.40 0.00	71.97 -1.17 0.00	84.91 -0.77 0.00	62.88 -1.09 0.00	55.83 -0.34 0.00	49.86 -0.45 0.00	45.10 -0.73 0.00	45.64 -0.70 0.00	47.51 -0.72 0.00	48.11 -0.44 0.00	54.79 -0.55 0.00	69.63 -1.57 0.00	79.04 -2.19 0.00	69.87 -2.16 0.00	64.91 -1.39 0.00	58.93 -1.08 0.00	54.47 0.11 0.00	48.32 -0.94 0.00	44.11 -0.63 0.00
CHAUTAUQUA___LFGE 323629	51.24 0.46 0.00	48.09 0.80 0.00	45.73 0.68 0.00	45.39 0.93 0.00	46.43 0.73 0.00	49.98 -0.55 0.00	70.58 -2.56 0.00	82.94 -2.75 0.00	61.28 -2.68 0.00	54.65 -1.51 0.00	49.26 -1.06 0.00	45.01 -0.82 0.00	45.45 -0.88 0.00	47.03 -1.20 0.00	46.99 -1.56 0.00	52.74 -2.60 0.01	68.06 -3.13 0.00	78.07 -3.17 0.00	69.59 -2.45 0.00	63.08 -3.25 -0.03	55.90 -4.14 -0.03	50.71 -3.86 -0.21	47.39 -1.87 0.00	42.85 -2.19 -0.30
CHERRYST_13_KV_LD 356241	53.28 2.49 0.00	49.41 2.13 0.00	47.08 2.03 0.00	46.32 1.87 0.00	47.66 1.97 0.00	53.26 2.73 0.00	77.39 4.24 0.00	90.39 4.71 0.00	68.12 4.16 0.00	60.52 3.76 -0.60	54.05 3.72 -0.02	49.33 3.48 -0.02	49.87 3.52 -0.02	51.86 3.62 -0.02	52.15 3.59 -0.02	62.68 4.15 -3.18	76.32 5.13 0.00	87.00 5.77 0.00	77.08 5.04 0.00	71.22 4.71 -0.22	64.42 4.20 -0.20	59.58 3.80 -1.42	52.71 3.45 0.00	49.82 3.04 -2.04

CHESTROR_138KV_BK263 355645	52.57 1.78 0.00	48.85 1.56 0.00	46.54 1.49 0.00	45.87 1.42 0.00	47.16 1.46 0.00	52.50 1.97 0.00	76.43 3.29 0.00	89.11 3.43 0.00	66.84 2.88 0.00	58.69 2.53 0.00	52.83 2.52 0.00	48.12 2.29 0.00	48.70 2.36 0.00	50.64 2.41 0.00	50.92 2.38 0.00	58.12 2.77 0.00	74.68 3.49 0.00	85.30 4.06 0.00	75.64 3.60 0.00	69.88 3.38 -0.20	63.14 2.94 -0.19	58.34 2.66 -1.32	51.72 2.46 0.00	48.83 2.19 -1.90
CH_MIDHUDSON___DRP 24192	52.82 2.03 0.00	49.08 1.80 0.00	46.76 1.71 0.00	46.05 1.60 0.00	47.39 1.69 0.00	52.80 2.27 0.00	76.80 3.66 0.00	89.54 3.86 0.00	67.16 3.20 0.00	58.97 2.81 0.00	53.08 2.77 0.00	48.35 2.52 0.00	48.88 2.55 0.00	50.84 2.60 0.00	51.17 2.62 0.00	58.39 3.04 0.00	75.04 3.84 0.00	85.70 4.47 0.00	76.00 3.96 0.00	70.23 3.71 -0.22	63.52 3.30 -0.21	58.79 2.99 -1.44	52.02 2.76 0.00	49.22 2.42 -2.08
CH_MISC_IPPS 23765	53.18 2.39 0.00	49.42 2.13 0.00	47.03 1.98 0.00	46.36 1.91 0.00	47.66 1.96 0.00	53.16 2.63 0.00	77.38 4.24 0.00	90.22 4.54 0.00	67.61 3.64 0.00	59.42 3.26 0.00	53.33 3.02 0.00	48.58 2.75 0.00	49.11 2.78 0.00	51.08 2.84 0.00	51.41 2.86 0.00	58.72 3.38 0.00	75.47 4.27 0.00	86.27 5.04 0.00	76.50 4.47 0.00	70.70 4.18 -0.22	63.88 3.66 -0.20	59.04 3.26 -1.42	52.36 3.11 0.00	49.46 2.68 -2.04
CH_RES_BVR_FALLS 23983	50.99 0.20 0.00	47.38 0.09 0.00	45.14 0.09 0.00	44.54 0.09 0.00	45.84 0.14 0.00	50.18 -0.35 0.00	72.41 -0.73 0.00	85.09 -0.60 0.00	63.26 -0.70 0.00	55.21 -0.96 0.00	49.91 -0.40 0.00	45.33 -0.50 0.00	45.92 -0.42 0.00	47.80 -0.43 0.00	48.21 -0.34 0.00	54.74 -0.61 0.00	70.20 -1.00 0.00	79.77 -1.46 0.00	70.31 -1.73 0.00	64.78 -1.52 0.00	58.57 -1.44 0.00	53.43 -0.92 0.00	47.83 -1.43 0.00	43.62 -1.12 0.00
CH_RES_NIAGARA 23895	48.86 -1.93 0.00	45.77 -1.51 0.00	44.15 -0.90 0.00	43.25 -1.20 0.00	44.24 -1.46 0.00	47.30 -3.23 0.00	65.76 -7.39 0.00	77.63 -8.05 0.00	57.51 -6.46 0.00	51.67 -4.49 0.00	46.54 -3.77 0.00	42.58 -3.25 0.00	42.90 -3.43 0.00	44.42 -3.81 0.00	44.42 -4.13 0.00	49.53 -5.81 0.01	63.58 -7.62 0.00	72.87 -8.37 0.00	64.83 -7.20 0.00	59.23 -7.09 -0.03	53.68 -6.36 -0.03	48.94 -5.60 -0.18	45.07 -4.19 0.00	41.45 -3.53 -0.26
CH_RES_SYRACUSE 23985	50.38 -0.41 0.00	46.96 -0.33 0.00	44.65 -0.41 0.00	44.09 -0.36 0.00	45.33 -0.37 0.00	50.07 -0.46 0.00	72.34 -0.80 0.00	85.09 -0.60 0.00	63.39 -0.58 0.00	55.66 -0.51 0.00	49.86 -0.45 0.00	45.42 -0.41 0.00	45.82 -0.51 0.00	47.75 -0.48 0.00	48.01 -0.53 0.00	54.63 -0.72 0.00	70.41 -0.78 0.00	80.34 -0.89 0.00	71.32 -0.72 0.00	65.59 -0.73 -0.02	59.32 -0.72 -0.02	53.74 -0.76 -0.15	48.67 -0.59 0.00	44.32 -0.63 -0.21
CLINTON_WT_PWR 323605	51.50 0.71 0.00	47.71 0.42 0.00	45.46 0.40 0.00	44.85 0.40 0.00	46.20 0.50 0.00	49.98 -0.55 0.00	71.75 -1.39 0.00	84.48 -1.20 0.00	62.62 -1.35 0.00	54.31 -1.85 0.00	49.71 -0.60 0.00	45.01 -0.82 0.00	45.59 -0.74 0.00	47.46 -0.77 0.00	48.01 -0.53 0.00	54.35 -0.99 0.00	69.42 -1.78 0.00	78.72 -2.52 0.00	69.51 -2.52 0.00	64.51 -1.79 0.00	58.69 -1.32 0.00	54.19 -0.16 0.00	48.13 -1.13 0.00	43.97 -0.76 0.00
CLINTON___LFGE 323618	52.11 1.32 0.00	48.18 0.90 0.00	45.95 0.90 0.00	45.29 0.84 0.00	46.70 1.00 0.00	50.38 -0.15 0.00	72.19 -0.95 0.00	84.99 -0.69 0.00	63.01 -0.96 0.00	54.48 -1.68 0.00	50.11 -0.20 0.00	45.28 -0.55 0.00	45.92 -0.42 0.00	47.75 -0.48 0.00	48.35 -0.19 0.00	54.74 -0.61 0.00	69.70 -1.50 0.00	79.21 -2.03 0.00	70.02 -2.02 0.00	64.97 -1.33 0.00	59.23 -0.78 0.00	54.90 0.54 0.00	48.72 -0.54 0.00	44.42 -0.31 0.00
COBBLENY_34_KV_TB1 80064	50.58 -0.20 0.00	47.43 0.14 0.00	45.05 0.00 0.00	44.76 0.31 0.00	45.79 0.09 0.00	49.07 -1.47 0.00	68.90 -4.24 0.00	81.23 -4.46 0.00	60.06 -3.90 0.00	53.69 -2.47 0.00	48.40 -1.91 0.00	44.23 -1.60 0.00	44.57 -1.76 0.00	46.16 -2.07 0.00	46.12 -2.43 0.00	51.74 -3.60 0.01	66.57 -4.63 0.00	76.44 -4.79 0.00	68.00 -4.03 0.00	61.62 -4.71 -0.03	55.60 -4.44 -0.03	50.04 -4.51 -0.20	46.80 -2.46 0.00	42.33 -2.68 -0.29
COFFEEN___115KV_TB3 355620	51.45 0.66 0.00	48.04 0.76 0.00	45.46 0.41 0.00	44.76 0.31 0.00	46.06 0.37 0.00	51.04 0.51 0.00	74.39 1.24 0.00	88.77 3.08 0.00	64.80 0.83 0.00	56.33 0.17 0.00	49.91 -0.40 0.00	45.19 -0.64 0.00	45.50 -0.83 0.00	47.36 -0.87 0.00	47.82 -0.73 0.00	55.24 -0.11 0.00	70.98 -0.21 0.00	81.23 0.00 0.00	71.75 -0.29 0.00	66.44 0.13 -0.01	60.38 0.36 -0.01	54.65 0.22 -0.08	48.96 -0.30 0.00	44.66 -0.18 -0.11
COLDSPRG_115KV_BK1 355956	51.75 0.96 0.00	48.61 1.32 0.00	46.13 1.08 0.00	45.83 1.38 0.00	46.89 1.19 0.00	50.58 0.05 0.00	71.75 -1.39 0.00	84.31 -1.37 0.00	62.30 -1.66 0.00	55.32 -0.84 0.00	49.96 -0.35 0.00	45.60 -0.23 0.00	45.96 -0.37 0.00	47.56 -0.68 0.00	47.48 -1.07 0.00	53.46 -1.88 0.01	68.99 -2.21 0.00	79.37 -1.87 0.00	70.67 -1.37 0.00	63.48 -2.85 -0.03	56.92 -3.12 -0.03	50.60 -3.97 -0.21	47.98 -1.28 0.00	42.84 -2.19 -0.30
COLONIE_LFGE___ 323577	52.41 1.62 0.00	48.80 1.51 0.00	46.49 1.44 0.00	45.87 1.42 0.00	47.16 1.46 0.00	52.30 1.77 0.00	75.85 2.71 0.00	88.76 3.08 0.00	66.27 2.30 0.00	58.01 1.85 0.00	51.62 1.31 0.00	47.07 1.24 0.00	47.63 1.30 0.00	49.63 1.40 0.00	50.00 1.46 0.00	57.23 1.88 0.00	73.75 2.56 0.00	84.32 3.09 0.00	74.77 2.74 0.00	69.03 2.45 -0.28	62.55 2.28 -0.26	58.16 2.01 -1.80	51.08 1.82 0.00	48.97 1.66 -2.58
COOPERNY_115KV_TB1 80082	52.21 1.42 0.00	48.51 1.23 0.00	46.22 1.17 0.00	45.56 1.11 0.00	46.84 1.14 0.00	52.05 1.52 0.00	75.63 2.49 0.00	88.34 2.66 0.00	66.20 2.24 0.00	58.13 1.97 0.00	52.23 1.91 0.00	47.62 1.79 0.00	48.14 1.81 0.00	50.06 1.83 0.00	50.39 1.84 0.00	57.45 2.10 0.00	73.83 2.63 0.00	84.32 3.09 0.00	74.77 2.74 0.00	68.98 2.52 -0.17	62.45 2.28 -0.16	57.45 2.01 -1.08	51.13 1.87 0.00	47.94 1.66 -1.56
COPENHAGEN_WT_PWR 323753	51.04 0.26 0.00	47.62 0.33 0.00	45.14 0.09 0.00	44.45 0.00 0.00	45.74 0.05 0.00	50.63 0.10 0.00	73.73 0.58 0.00	87.73 2.05 0.00	64.22 0.26 0.00	55.71 -0.45 0.00	49.71 -0.60 0.00	45.01 -0.82 0.00	45.36 -0.98 0.00	47.22 -1.02 0.00	47.67 -0.87 0.00	54.85 -0.50 0.00	70.48 -0.71 0.00	80.50 -0.73 0.00	71.17 -0.86 0.00	65.85 -0.46 -0.01	59.85 -0.18 -0.01	54.22 -0.22 -0.08	48.62 -0.64 0.00	44.36 -0.49 -0.12
CORNELL_____ 23752	51.85 1.07 0.00	48.33 1.04 0.00	45.95 0.90 0.00	45.38 0.93 0.00	46.66 0.96 0.00	51.54 1.01 0.00	74.46 1.32 0.00	87.65 1.97 0.00	64.99 1.02 0.00	57.06 0.90 0.00	51.02 0.70 0.00	46.43 0.60 0.00	46.84 0.51 0.00	48.76 0.53 0.00	49.08 0.53 0.00	55.92 0.55 -0.02	72.19 1.00 0.00	82.62 1.38 0.00	73.40 1.37 0.00	67.54 1.19 -0.05	60.78 0.72 -0.05	55.06 0.38 -0.32	49.80 0.54 0.00	45.51 0.31 -0.47

CORONA__69_KV_TB1 355595	54.40 3.61 -0.01	50.41 3.12 0.00	47.85 2.79 0.00	47.07 2.62 0.00	48.44 2.74 0.00	54.02 3.49 0.00	77.09 3.95 0.00	89.45 3.77 0.00	67.16 3.20 0.00	60.04 3.88 0.00	54.64 4.33 0.00	50.01 4.17 -0.01	50.55 4.22 0.00	52.63 4.39 -0.01	52.54 3.98 -0.01	60.11 4.76 0.00	77.60 6.41 0.00	88.14 6.90 0.00	78.60 6.56 -0.01	72.56 6.03 -0.23	65.50 5.28 -0.20	60.68 4.89 -1.43	53.56 4.29 -0.01	50.64 3.85 -2.06
CORTLAND__115KV_TB3 80093	51.35 0.56 0.00	47.85 0.57 0.00	45.55 0.50 0.00	44.94 0.49 0.00	46.20 0.50 0.00	51.09 0.56 0.00	73.95 0.80 0.00	86.97 1.29 0.00	64.61 0.64 0.00	56.67 0.51 0.00	50.72 0.40 0.00	46.20 0.37 0.00	46.66 0.32 0.00	48.57 0.34 0.00	48.84 0.29 0.00	55.58 0.22 -0.01	71.69 0.50 0.00	81.88 0.65 0.00	72.68 0.65 0.00	66.87 0.53 -0.04	60.41 0.36 -0.04	54.79 0.16 -0.27	49.50 0.25 0.00	45.26 0.13 -0.39
COXSACKIE__GT 23611	54.09 3.30 0.00	50.55 3.26 0.00	48.12 3.07 0.00	47.52 3.06 0.00	48.81 3.11 0.00	54.27 3.74 0.00	79.43 6.29 0.00	92.71 7.03 0.00	68.32 4.35 0.00	58.86 2.70 0.00	52.18 1.86 0.00	47.25 1.42 0.00	47.68 1.34 0.00	49.73 1.50 0.00	50.15 1.60 0.00	57.90 2.55 0.00	75.32 4.13 0.00	86.92 5.68 0.00	77.00 4.97 0.00	70.47 3.91 -0.26	63.73 3.48 -0.24	59.07 3.04 -1.67	52.76 3.50 0.00	49.69 2.55 -2.41
CPV__VALLEY__CC1 323721	52.41 1.62 0.00	48.70 1.42 0.00	46.40 1.35 0.00	45.74 1.29 0.00	47.02 1.33 0.00	52.35 1.82 0.00	76.07 2.93 0.00	88.76 3.08 0.00	66.59 2.62 0.00	58.58 2.41 0.00	52.63 2.32 0.00	47.94 2.11 0.00	48.51 2.18 0.00	50.45 2.22 0.00	50.73 2.19 0.00	57.90 2.55 0.00	74.32 3.13 0.00	84.89 3.66 0.00	75.35 3.32 0.00	69.54 3.05 -0.19	62.89 2.70 -0.18	58.04 2.45 -1.24	51.53 2.27 0.00	48.52 2.01 -1.78
CPV__VALLEY__CC2 323722	52.41 1.62 0.00	48.70 1.42 0.00	46.40 1.35 0.00	45.74 1.29 0.00	47.02 1.33 0.00	52.35 1.82 0.00	76.07 2.93 0.00	88.76 3.08 0.00	66.59 2.62 0.00	58.58 2.41 0.00	52.63 2.32 0.00	47.94 2.11 0.00	48.51 2.18 0.00	50.45 2.22 0.00	50.73 2.19 0.00	57.90 2.55 0.00	74.32 3.13 0.00	84.89 3.66 0.00	75.35 3.32 0.00	69.54 3.05 -0.19	62.89 2.70 -0.18	58.04 2.45 -1.24	51.53 2.27 0.00	48.52 2.01 -1.78
CRESCENT__HYD 24018	52.41 1.62 0.00	48.80 1.51 0.00	46.49 1.44 0.00	45.87 1.42 0.00	47.16 1.46 0.00	52.30 1.77 0.00	75.85 2.71 0.00	88.76 3.08 0.00	66.27 2.30 0.00	58.01 1.85 0.00	51.62 1.31 0.00	47.07 1.24 0.00	47.63 1.30 0.00	49.63 1.40 0.00	50.00 1.46 0.00	57.23 1.88 0.00	73.75 2.56 0.00	84.32 3.09 0.00	74.77 2.74 0.00	69.03 2.45 -0.28	62.55 2.28 -0.26	58.16 2.01 -1.80	51.08 1.82 0.00	48.97 1.66 -2.58
CRICKET__VALLEY_CC1 323756	52.11 1.32 0.00	48.37 1.09 0.00	46.09 1.04 0.00	45.43 0.98 0.00	46.70 1.00 0.00	52.04 1.51 0.00	75.63 2.49 0.00	88.25 2.57 0.00	66.27 2.30 0.00	58.35 2.19 0.00	52.43 2.11 0.00	47.76 1.92 0.00	48.37 2.04 0.00	50.30 2.07 0.00	50.63 2.09 0.00	57.78 2.43 0.00	74.05 2.85 0.00	84.57 3.33 0.00	74.99 2.95 0.00	69.38 2.85 -0.23	62.75 2.52 -0.21	58.12 2.28 -1.48	51.38 2.12 0.00	48.69 1.83 -2.13
CRICKET__VALLEY_CC2 323757	52.11 1.32 0.00	48.37 1.09 0.00	46.09 1.04 0.00	45.43 0.98 0.00	46.70 1.00 0.00	52.04 1.51 0.00	75.63 2.49 0.00	88.25 2.57 0.00	66.27 2.30 0.00	58.35 2.19 0.00	52.43 2.11 0.00	47.76 1.92 0.00	48.37 2.04 0.00	50.30 2.07 0.00	50.63 2.09 0.00	57.78 2.43 0.00	74.05 2.85 0.00	84.57 3.33 0.00	74.99 2.95 0.00	69.38 2.85 -0.23	62.75 2.52 -0.21	58.12 2.28 -1.48	51.38 2.12 0.00	48.69 1.83 -2.13
CRICKET__VALLEY_CC3 323758	52.11 1.32 0.00	48.37 1.09 0.00	46.09 1.04 0.00	45.43 0.98 0.00	46.70 1.00 0.00	52.04 1.51 0.00	75.63 2.49 0.00	88.25 2.57 0.00	66.27 2.30 0.00	58.35 2.19 0.00	52.43 2.11 0.00	47.76 1.92 0.00	48.37 2.04 0.00	50.30 2.07 0.00	50.63 2.09 0.00	57.78 2.43 0.00	74.05 2.85 0.00	84.57 3.33 0.00	74.99 2.95 0.00	69.38 2.85 -0.23	62.75 2.52 -0.21	58.12 2.28 -1.48	51.38 2.12 0.00	48.69 1.83 -2.13
CRUCIBLE__METL_DRP 24180	50.38 -0.41 0.00	46.95 -0.33 0.00	44.65 -0.41 0.00	44.10 -0.36 0.00	45.33 -0.37 0.00	50.08 -0.45 0.00	72.34 -0.80 0.00	85.08 -0.60 0.00	63.39 -0.58 0.00	55.66 -0.51 0.00	49.86 -0.45 0.00	45.42 -0.41 0.00	45.82 -0.51 0.00	47.75 -0.48 0.00	48.01 -0.53 0.00	54.63 -0.72 0.00	70.41 -0.78 0.00	80.42 -0.81 0.00	71.39 -0.65 0.00	65.59 -0.73 -0.02	59.31 -0.72 -0.02	53.74 -0.76 -0.15	48.67 -0.59 0.00	44.32 -0.63 -0.21
DAHOWA__HYDRO 323763	53.63 2.84 0.00	50.03 2.74 0.00	47.57 2.52 0.00	46.98 2.53 0.00	48.30 2.60 0.00	53.61 3.08 0.00	78.04 4.90 0.00	91.33 5.65 0.00	67.93 3.97 0.00	59.19 3.03 0.00	52.58 2.27 0.00	47.80 1.97 0.00	48.19 1.86 0.00	50.11 1.88 0.00	50.54 1.99 0.00	58.17 2.82 0.00	75.25 4.06 0.00	86.36 5.12 0.00	76.50 4.47 0.00	70.56 3.98 -0.28	64.06 3.78 -0.26	59.55 3.37 -1.82	52.21 2.96 0.00	49.99 2.64 -2.62
DANC__LFGE 323619	50.33 -0.46 0.00	46.91 -0.38 0.00	44.56 -0.49 0.00	43.87 -0.58 0.00	45.15 -0.55 0.00	49.93 -0.60 0.00	72.56 -0.59 0.00	85.94 0.26 0.00	63.33 -0.64 0.00	55.15 -1.01 0.00	49.26 -1.06 0.00	44.73 -1.10 0.00	45.08 -1.25 0.00	46.93 -1.30 0.00	47.33 -1.21 0.00	54.24 -1.11 0.00	69.84 -1.35 0.00	79.77 -1.46 0.00	70.60 -1.44 0.00	65.19 -1.13 -0.01	59.13 -0.90 -0.01	53.58 -0.87 -0.09	48.17 -1.08 0.00	43.93 -0.94 -0.14
DANSKAMMER__1 23586	53.18 2.39 0.00	49.42 2.13 0.00	47.03 1.98 0.00	46.36 1.91 0.00	47.66 1.96 0.00	53.16 2.63 0.00	77.38 4.24 0.00	90.22 4.54 0.00	67.61 3.64 0.00	59.42 3.26 0.00	53.33 3.02 0.00	48.58 2.75 0.00	49.11 2.78 0.00	51.08 2.84 0.00	51.41 2.86 0.00	58.72 3.38 0.00	75.47 4.27 0.00	86.27 5.04 0.00	76.50 4.47 0.00	70.70 4.18 -0.22	63.88 3.66 -0.20	59.04 3.26 -1.42	52.36 3.11 0.00	49.46 2.68 -2.04
DANSKAMMER__2 23589	53.18 2.39 0.00	49.42 2.13 0.00	47.03 1.98 0.00	46.36 1.91 0.00	47.66 1.96 0.00	53.16 2.63 0.00	77.38 4.24 0.00	90.22 4.54 0.00	67.61 3.64 0.00	59.42 3.26 0.00	53.33 3.02 0.00	48.58 2.75 0.00	49.11 2.78 0.00	51.08 2.84 0.00	51.41 2.86 0.00	58.72 3.38 0.00	75.47 4.27 0.00	86.27 5.04 0.00	76.50 4.47 0.00	70.70 4.18 -0.22	63.88 3.66 -0.20	59.04 3.26 -1.42	52.36 3.11 0.00	49.46 2.68 -2.04
DANSKAMMER__3 23590	53.18 2.39 0.00	49.42 2.13 0.00	47.03 1.98 0.00	46.36 1.91 0.00	47.66 1.96 0.00	53.16 2.63 0.00	77.38 4.24 0.00	90.22 4.54 0.00	67.61 3.64 0.00	59.42 3.26 0.00	53.33 3.02 0.00	48.58 2.75 0.00	49.11 2.78 0.00	51.08 2.84 0.00	51.41 2.86 0.00	58.72 3.38 0.00	75.47 4.27 0.00	86.27 5.04 0.00	76.50 4.47 0.00	70.70 4.18 -0.22	63.88 3.66 -0.20	59.04 3.26 -1.42	52.36 3.11 0.00	49.46 2.68 -2.04

DANSKAMMER___4 23591	53.18 2.39 0.00	49.42 2.13 0.00	47.03 1.98 0.00	46.36 1.91 0.00	47.66 1.96 0.00	53.16 2.63 0.00	77.38 4.24 0.00	90.22 4.54 0.00	67.61 3.64 0.00	59.42 3.26 0.00	53.33 3.02 0.00	48.58 2.75 0.00	49.11 2.78 0.00	51.08 2.84 0.00	51.41 2.86 0.00	58.72 3.38 0.00	75.47 4.27 0.00	86.27 5.04 0.00	76.50 4.47 0.00	70.70 4.18 -0.22	63.88 3.66 -0.20	59.04 3.26 -1.42	52.36 3.11 0.00	49.46 2.68 -2.04
DANSKAMMER___DIESEL 23592	53.18 2.39 0.00	49.41 2.13 0.00	47.03 1.98 0.00	46.36 1.91 0.00	47.66 1.97 0.00	53.16 2.63 0.00	77.39 4.24 0.00	90.22 4.54 0.00	67.61 3.65 0.00	59.31 3.15 0.00	53.33 3.02 0.00	48.58 2.75 0.00	49.11 2.78 0.00	51.08 2.85 0.00	51.41 2.86 0.00	58.72 3.38 0.00	75.54 4.34 0.00	86.19 4.96 0.00	76.43 4.39 0.00	70.69 4.18 -0.22	63.94 3.72 -0.20	59.04 3.26 -1.42	52.36 3.10 0.00	49.46 2.68 -2.04
DARBY___SOLAR 323810	53.38 2.59 0.00	49.79 2.50 0.00	47.30 2.25 0.00	46.76 2.31 0.00	48.03 2.33 0.00	53.31 2.78 0.00	77.53 4.39 0.00	90.73 5.05 0.00	67.48 3.52 0.00	58.86 2.70 0.00	52.33 2.01 0.00	47.57 1.74 0.00	48.00 1.67 0.00	49.92 1.69 0.00	50.39 1.84 0.00	58.00 2.66 0.00	74.89 3.70 0.00	85.94 4.71 0.00	76.07 4.03 0.00	70.16 3.58 -0.28	63.69 3.42 -0.26	59.22 3.04 -1.82	51.97 2.71 0.00	49.76 2.41 -2.61
DASHVILLE___HYD 23610	52.67 1.88 0.00	48.99 1.70 0.00	46.63 1.58 0.00	45.96 1.51 0.00	47.25 1.55 0.00	52.65 2.12 0.00	76.73 3.58 0.00	89.36 3.68 0.00	66.91 2.94 0.00	58.58 2.42 0.00	52.68 2.36 0.00	47.94 2.11 0.00	48.51 2.18 0.00	50.45 2.22 0.00	50.73 2.18 0.00	58.01 2.66 0.00	74.61 3.42 0.00	85.30 4.06 0.00	75.64 3.60 0.00	69.91 3.38 -0.23	63.22 3.00 -0.21	58.11 2.28 -1.47	51.82 2.56 0.00	48.68 1.83 -2.11
DELAWARE___LFGE 323621	51.96 1.17 0.00	48.37 1.09 0.00	46.09 1.04 0.00	45.47 1.02 0.00	46.75 1.05 0.00	51.79 1.26 0.00	75.26 2.12 0.00	87.99 2.31 0.00	65.63 1.66 0.00	57.51 1.35 0.00	51.47 1.16 0.00	46.89 1.05 0.00	47.45 1.11 0.00	49.29 1.06 0.00	49.61 1.07 0.00	56.79 1.44 0.00	73.12 1.92 0.00	83.43 2.19 0.00	73.91 1.87 0.00	68.12 1.72 -0.10	61.73 1.62 -0.09	56.42 1.41 -0.65	50.54 1.28 0.00	46.78 1.12 -0.93
DERFIELD_115KV_TB7 355931	50.99 0.20 0.00	47.47 0.19 0.00	45.23 0.18 0.00	44.63 0.18 0.00	45.88 0.18 0.00	50.73 0.20 0.00	73.51 0.37 0.00	86.11 0.43 0.00	64.29 0.32 0.00	56.44 0.28 0.00	50.52 0.20 0.00	46.01 0.18 0.00	46.52 0.19 0.00	48.42 0.19 0.00	48.74 0.19 0.00	55.63 0.28 0.00	71.55 0.36 0.00	81.56 0.32 0.00	72.25 0.22 0.00	66.56 0.27 0.00	60.25 0.24 0.00	54.57 0.22 0.00	49.41 0.15 0.00	44.87 0.13 0.00
DOGLEVILLE___HYD 23807	54.65 3.86 0.00	50.93 3.64 0.00	48.48 3.42 0.00	47.83 3.38 0.00	49.17 3.47 0.00	54.37 3.84 0.00	78.78 5.63 0.00	92.36 6.68 0.00	68.70 4.73 0.00	60.32 4.16 0.00	54.04 3.72 0.00	49.22 3.39 0.00	49.72 3.38 0.00	51.70 3.47 0.00	52.04 3.50 0.00	59.44 4.10 0.00	76.32 5.13 0.00	86.92 5.69 0.00	76.86 4.83 0.00	70.67 4.38 0.00	63.97 3.96 0.00	58.05 3.70 0.00	52.71 3.45 0.00	47.91 3.18 0.00
DUNKIRK___115KV_TB_200 55889	51.19 0.41 0.00	48.04 0.76 0.00	45.64 0.59 0.00	45.30 0.84 0.00	46.34 0.64 0.00	49.92 -0.61 0.00	70.51 -2.63 0.00	82.77 -2.91 0.00	61.15 -2.81 0.00	54.48 -1.68 0.00	49.21 -1.11 0.00	44.96 -0.87 0.00	45.41 -0.93 0.00	46.98 -1.25 0.00	46.94 -1.60 0.00	52.74 -2.60 0.01	67.99 -3.20 0.00	78.23 -3.01 0.00	69.59 -2.45 0.00	62.88 -3.45 -0.03	56.50 -3.54 -0.03	50.70 -3.86 -0.20	47.39 -1.87 0.00	42.87 -2.15 -0.29
DUNKIRK___1 23563	51.19 0.41 0.00	48.04 0.76 0.00	45.64 0.59 0.00	45.30 0.84 0.00	46.34 0.64 0.00	49.92 -0.61 0.00	70.51 -2.63 0.00	82.77 -2.91 0.00	61.15 -2.81 0.00	54.48 -1.68 0.00	49.21 -1.11 0.00	44.96 -0.87 0.00	45.41 -0.93 0.00	46.98 -1.25 0.00	46.94 -1.60 0.00	52.74 -2.60 0.01	67.99 -3.20 0.00	78.23 -3.01 0.00	69.59 -2.45 0.00	62.88 -3.45 -0.03	56.50 -3.54 -0.03	50.70 -3.86 -0.20	47.39 -1.87 0.00	42.87 -2.15 -0.29
DUNKIRK___2 23564	51.19 0.41 0.00	48.04 0.76 0.00	45.64 0.59 0.00	45.30 0.84 0.00	46.34 0.64 0.00	49.92 -0.61 0.00	70.51 -2.63 0.00	82.77 -2.91 0.00	61.15 -2.81 0.00	54.48 -1.68 0.00	49.21 -1.11 0.00	44.96 -0.87 0.00	45.41 -0.93 0.00	46.98 -1.25 0.00	46.94 -1.60 0.00	52.74 -2.60 0.01	67.99 -3.20 0.00	78.23 -3.01 0.00	69.59 -2.45 0.00	62.88 -3.45 -0.03	56.50 -3.54 -0.03	50.70 -3.86 -0.20	47.39 -1.87 0.00	42.87 -2.15 -0.29
DUNKIRK___3 23565	50.89 0.10 0.00	47.76 0.47 0.00	45.37 0.32 0.00	45.03 0.58 0.00	46.11 0.41 0.00	49.57 -0.96 0.00	70.00 -3.15 0.00	82.17 -3.51 0.00	60.70 -3.26 0.00	54.14 -2.02 0.00	48.86 -1.46 0.00	44.64 -1.19 0.00	45.08 -1.25 0.00	46.64 -1.59 0.00	46.60 -1.94 0.00	52.35 -2.99 0.01	67.42 -3.77 0.00	77.58 -3.66 0.00	69.08 -2.95 0.00	62.42 -3.91 -0.03	56.14 -3.90 -0.03	50.37 -4.19 -0.20	47.14 -2.12 0.00	42.65 -2.37 -0.29
DUNKIRK___4 23566	50.89 0.10 0.00	47.76 0.47 0.00	45.37 0.32 0.00	45.03 0.58 0.00	46.11 0.41 0.00	49.57 -0.96 0.00	70.00 -3.15 0.00	82.17 -3.51 0.00	60.70 -3.26 0.00	54.14 -2.02 0.00	48.86 -1.46 0.00	44.64 -1.19 0.00	45.08 -1.25 0.00	46.64 -1.59 0.00	46.60 -1.94 0.00	52.35 -2.99 0.01	67.42 -3.77 0.00	77.58 -3.66 0.00	69.08 -2.95 0.00	62.42 -3.91 -0.03	56.14 -3.90 -0.03	50.37 -4.19 -0.20	47.14 -2.12 0.00	42.65 -2.37 -0.29
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	52.97 2.18 0.00	49.18 1.89 0.00	46.85 1.80 0.00	46.14 1.69 0.00	47.43 1.74 0.00	52.96 2.43 0.00	76.95 3.80 0.00	89.71 4.03 0.00	67.48 3.52 0.00	59.37 3.20 0.00	53.54 3.22 0.00	48.86 3.02 0.00	49.39 3.06 0.00	51.37 3.14 0.00	51.65 3.11 0.00	58.95 3.60 0.00	75.61 4.41 0.00	86.27 5.04 0.00	76.50 4.47 0.00	70.69 4.18 -0.22	63.94 3.72 -0.20	59.15 3.37 -1.42	52.36 3.10 0.00	49.50 2.73 -2.04
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	52.87 2.08 0.00	49.13 1.84 0.00	46.81 1.76 0.00	46.10 1.64 0.00	47.43 1.74 0.00	52.85 2.32 0.00	76.87 3.73 0.00	89.71 4.03 0.00	67.23 3.26 0.00	58.97 2.81 0.00	53.08 2.77 0.00	48.35 2.52 0.00	48.93 2.59 0.00	50.88 2.65 0.00	51.17 2.62 0.00	58.39 3.04 0.00	75.11 3.92 0.00	85.78 4.55 0.00	76.07 4.03 0.00	70.29 3.78 -0.21	63.57 3.36 -0.20	58.72 2.99 -1.38	52.07 2.81 0.00	49.17 2.46 -1.98
E179THST_138_KV_TB4_REV_LBMP_J 345001	53.59 2.79 -0.01	49.75 2.46 -0.01	47.36 2.30 -0.01	46.64 2.18 -0.01	47.99 2.28 -0.01	53.52 2.98 -0.01	77.24 4.10 0.00	90.14 4.46 0.00	67.68 3.71 0.00	59.81 3.03 -0.61	53.75 3.42 -0.02	49.01 3.16 -0.02	49.55 3.20 -0.02	51.58 3.33 -0.02	51.86 3.30 -0.02	62.07 3.49 -3.24	75.75 4.56 0.00	86.35 5.12 0.00	76.57 4.54 0.00	70.76 4.24 -0.22	64.18 3.96 -0.20	59.26 3.48 -1.42	52.61 3.35 0.00	49.91 3.13 -2.05

E179THST_13_KV_LOAD 356214	53.79 3.00 -0.01	49.94 2.65 -0.01	47.54 2.48 -0.01	46.81 2.36 -0.01	48.17 2.47 -0.01	53.72 3.18 -0.01	77.60 4.46 0.00	90.56 4.88 0.00	68.00 4.03 0.00	60.09 3.31 -0.61	53.95 3.62 -0.02	49.24 3.39 -0.02	49.78 3.43 -0.02	51.77 3.52 -0.02	52.06 3.50 -0.02	62.35 3.76 -3.24	76.11 4.91 0.00	86.84 5.61 0.00	76.93 4.90 0.00	71.16 4.64 -0.22	64.48 4.26 -0.20	59.53 3.75 -1.42	52.81 3.55 0.00	50.09 3.31 -2.05
EAST HAMPTON___GT 23717	57.20 6.40 -0.01	52.82 5.53 0.00	50.10 5.04 0.00	49.34 4.89 0.00	50.72 5.03 0.00	56.54 6.01 0.00	80.53 7.38 0.00	93.05 7.37 0.00	69.85 5.88 0.00	63.18 7.02 0.00	57.21 6.89 0.00	52.17 6.33 -0.01	52.73 6.40 0.00	55.19 6.95 -0.01	55.41 6.85 -0.02	63.36 7.97 -0.04	81.63 10.39 -0.04	92.77 11.53 0.00	83.06 11.02 -0.01	77.25 10.14 -0.81	68.90 8.64 -0.24	67.69 8.10 -5.23	56.32 7.04 -0.02	53.05 6.26 -2.06
EAST RIVER___6 23660	52.97 2.18 0.00	49.13 1.84 0.00	46.76 1.71 0.00	46.05 1.60 0.00	47.39 1.69 0.00	52.96 2.43 0.00	77.02 3.87 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	60.47 3.71 -0.60	53.85 3.52 -0.02	49.05 3.21 -0.02	49.69 3.34 -0.02	51.67 3.42 -0.02	51.96 3.40 -0.02	62.51 3.99 -3.18	76.04 4.84 0.00	86.76 5.53 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.12 3.90 -0.20	59.37 3.59 -1.43	52.52 3.25 -0.01	49.59 2.82 -2.04
EAST RIVER___7 23524	52.97 2.18 0.00	49.13 1.84 0.00	46.76 1.71 0.00	46.05 1.60 0.00	47.39 1.69 0.00	52.96 2.43 0.00	77.02 3.87 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	60.47 3.71 -0.60	53.85 3.52 -0.02	49.05 3.21 -0.02	49.69 3.34 -0.02	51.67 3.42 -0.02	51.96 3.40 -0.02	62.51 3.99 -3.18	76.04 4.84 0.00	86.76 5.53 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.12 3.90 -0.20	59.37 3.59 -1.43	52.52 3.25 -0.01	49.59 2.82 -2.04
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	52.87 2.08 0.00	49.13 1.84 0.00	46.76 1.71 0.00	46.05 1.60 0.00	47.39 1.69 0.00	52.85 2.32 0.00	76.87 3.73 0.00	89.62 3.94 0.00	67.36 3.39 0.00	59.25 3.09 0.00	53.43 3.12 0.00	48.72 2.89 0.00	49.25 2.92 0.00	51.27 3.04 0.00	51.56 3.01 0.00	58.78 3.43 0.00	75.47 4.27 0.00	86.11 4.87 0.00	76.36 4.32 0.00	70.56 4.04 -0.22	63.82 3.60 -0.20	59.04 3.26 -1.42	52.26 3.00 0.00	49.41 2.64 -2.04
EAST_HAMPTON___DIESEL 23722	57.20 6.40 -0.01	52.82 5.53 0.00	50.10 5.04 0.00	49.34 4.89 0.00	50.77 5.07 0.00	56.54 6.01 0.00	80.53 7.38 0.00	93.05 7.37 0.00	69.85 5.88 0.00	63.18 7.02 0.00	57.21 6.89 0.00	52.21 6.37 -0.01	52.73 6.40 0.00	55.23 6.99 -0.01	55.41 6.85 -0.02	63.36 7.97 -0.04	81.70 10.47 -0.04	92.77 11.53 0.00	83.06 11.02 -0.01	77.25 10.14 -0.81	68.90 8.64 -0.24	67.74 8.15 -5.23	56.32 7.04 -0.02	53.05 6.26 -2.06
EAST_POINT___SOLAR 323840	52.00 1.22 0.00	48.51 1.23 0.00	46.00 0.95 0.00	45.47 1.02 0.00	46.84 1.14 0.00	52.30 1.77 0.00	76.07 2.93 0.00	88.85 3.17 0.00	64.61 0.64 0.00	55.21 -0.96 0.00	48.96 -1.36 0.00	44.50 -1.33 0.00	44.62 -1.71 0.00	46.16 -2.07 0.00	46.55 -1.99 0.00	55.18 -0.17 0.00	72.98 1.78 0.00	84.00 2.76 0.00	74.34 2.30 0.00	68.60 1.99 -0.32	62.23 1.92 -0.30	58.43 2.01 -2.06	50.74 1.48 0.00	48.86 1.16 -2.97
EAST_PULASKI___ESR 323781	49.77 -1.02 0.00	46.39 -0.90 0.00	44.10 -0.95 0.00	43.47 -0.98 0.00	44.74 -0.96 0.00	49.47 -1.06 0.00	71.60 -1.54 0.00	84.48 -1.20 0.00	62.62 -1.35 0.00	54.82 -1.35 0.00	49.01 -1.31 0.00	44.60 -1.24 0.00	44.99 -1.35 0.00	46.83 -1.40 0.00	47.19 -1.36 0.00	53.86 -1.49 0.00	69.42 -1.78 0.00	79.28 -1.95 0.00	70.31 -1.73 0.00	64.79 -1.52 -0.02	58.65 -1.38 -0.02	53.11 -1.36 -0.11	47.93 -1.33 0.00	43.68 -1.21 -0.15
EAST_RIVER___1 323558	53.18 2.39 0.00	49.32 2.03 0.00	46.94 1.89 0.00	46.23 1.78 0.00	47.57 1.87 0.00	53.11 2.58 0.00	77.16 4.02 0.00	90.05 4.37 0.00	67.88 3.90 -0.01	60.47 3.71 -0.60	53.90 3.57 -0.02	49.10 3.25 -0.02	49.73 3.38 -0.02	51.72 3.47 -0.02	52.01 3.45 -0.02	62.51 3.99 -3.18	75.97 4.77 0.00	86.76 5.53 0.00	76.94 4.90 0.00	71.03 4.51 -0.22	64.18 3.96 -0.20	59.43 3.64 -1.43	52.62 3.35 -0.01	49.68 2.91 -2.04
EAST_RIVER___2 323559	52.97 2.18 0.00	49.13 1.84 0.00	46.76 1.71 0.00	46.05 1.60 0.00	47.39 1.69 0.00	52.96 2.43 0.00	77.02 3.87 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	60.47 3.71 -0.60	53.85 3.52 -0.02	49.05 3.21 -0.02	49.69 3.34 -0.02	51.67 3.42 -0.02	51.96 3.40 -0.02	62.51 3.99 -3.18	76.04 4.84 0.00	86.76 5.53 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.12 3.90 -0.20	59.37 3.59 -1.43	52.52 3.25 -0.01	49.59 2.82 -2.04
EAST___DELAWARE_HYD 23607	52.92 2.13 0.00	49.18 1.89 0.00	46.86 1.80 0.00	46.18 1.73 0.00	47.48 1.78 0.00	52.91 2.38 0.00	77.16 4.02 0.00	90.05 4.37 0.00	67.29 3.32 0.00	58.97 2.81 0.00	52.83 2.51 0.00	48.08 2.25 0.00	48.60 2.27 0.00	50.55 2.32 0.00	50.88 2.33 0.00	58.17 2.82 0.00	74.89 3.70 0.00	85.70 4.46 0.00	75.92 3.89 0.00	70.14 3.64 -0.20	63.38 3.18 -0.19	58.54 2.88 -1.30	51.97 2.71 0.00	48.97 2.37 -1.87
EIGHT_POINT___WT_PWR 323820	51.55 0.76 0.00	48.28 0.99 0.00	45.86 0.81 0.00	45.47 1.02 0.00	46.56 0.87 0.00	50.48 -0.05 0.00	71.46 -1.68 0.00	83.97 -1.71 0.00	61.09 -2.88 0.00	54.31 -1.85 0.00	48.91 -1.41 0.00	44.64 -1.19 0.00	44.85 -1.48 0.00	46.50 -1.73 0.00	46.46 -2.09 0.00	52.45 -2.88 0.02	67.92 -3.27 0.00	77.58 -3.65 0.00	69.30 -2.74 0.00	63.09 -3.25 -0.04	55.79 -4.26 -0.04	50.67 -3.97 -0.28	46.99 -2.27 0.00	42.54 -2.60 -0.41
ELBRIDGE_115KV_TB2 80188	50.13 -0.66 0.00	46.72 -0.57 0.00	44.42 -0.63 0.00	43.87 -0.58 0.00	45.10 -0.59 0.00	49.82 -0.71 0.00	71.90 -1.24 0.00	84.57 -1.11 0.00	62.94 -1.02 0.00	55.32 -0.84 0.00	49.56 -0.75 0.00	45.14 -0.69 0.00	45.55 -0.79 0.00	47.46 -0.77 0.00	47.72 -0.83 0.00	54.30 -1.05 0.00	69.98 -1.21 0.00	79.93 -1.30 0.00	70.95 -1.08 0.00	65.26 -1.06 -0.02	59.02 -1.02 -0.02	53.48 -1.03 -0.16	48.37 -0.89 0.00	44.11 -0.85 -0.22
ELEC_TRO_TEK 24086	54.15 3.35 -0.01	50.17 2.88 0.00	47.67 2.61 0.00	46.90 2.44 0.00	48.26 2.56 0.00	53.81 3.28 0.00	76.80 3.66 0.00	89.19 3.51 0.00	66.97 3.01 0.00	59.87 3.71 0.00	54.49 4.18 0.00	49.83 3.99 -0.01	50.36 4.03 0.00	52.43 4.20 -0.01	52.39 3.84 -0.01	59.89 4.54 0.00	77.18 5.98 0.00	87.65 6.42 0.00	78.17 6.12 -0.01	72.16 5.64 -0.23	65.08 4.86 -0.20	60.35 4.57 -1.43	53.31 4.04 -0.01	50.37 3.58 -2.06
ELLENBURG_WT_PWR 323604	51.50 0.71 0.00	47.71 0.42 0.00	45.46 0.40 0.00	44.85 0.40 0.00	46.20 0.50 0.00	49.98 -0.55 0.00	71.75 -1.39 0.00	84.48 -1.20 0.00	62.62 -1.35 0.00	54.31 -1.85 0.00	49.71 -0.60 0.00	45.01 -0.82 0.00	45.59 -0.74 0.00	47.46 -0.77 0.00	48.01 -0.53 0.00	54.35 -0.99 0.00	69.42 -1.78 0.00	78.72 -2.52 0.00	69.51 -2.52 0.00	64.51 -1.79 0.00	58.69 -1.32 0.00	54.19 -0.16 0.00	48.13 -1.13 0.00	43.97 -0.76 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	50.23 -0.56 0.00	47.10 -0.19 0.00	44.74 -0.32 0.00	44.45 0.00 0.00	45.47 -0.23 0.00	48.71 -1.82 0.00	68.17 -4.97 0.00	80.37 -5.31 0.00	59.42 -4.54 0.00	53.24 -2.92 0.00	48.00 -2.31 0.00	43.86 -1.97 0.00	44.20 -2.13 0.00	45.72 -2.51 0.00	45.73 -2.82 0.00	51.19 -4.15 0.01	65.86 -5.34 0.00	75.55 -5.69 0.00	67.21 -4.83 0.00	61.09 -5.24 -0.03	55.18 -4.86 -0.03	49.93 -4.62 -0.19	46.40 -2.86 0.00	42.23 -2.77 -0.27
EMPIRE_CC_1 323656	51.55 0.76 0.00	48.04 0.75 0.00	45.82 0.77 0.00	45.21 0.75 0.00	46.47 0.78 0.00	51.49 0.96 0.00	74.46 1.32 0.00	87.05 1.37 0.00	65.12 1.15 0.00	57.12 0.95 0.00	50.87 0.55 0.00	46.43 0.59 0.00	47.03 0.70 0.00	49.00 0.77 0.00	49.37 0.82 0.00	56.40 1.05 0.00	72.54 1.35 0.00	82.86 1.62 0.00	73.40 1.37 0.00	67.89 1.33 -0.27	61.46 1.20 -0.25	57.16 1.09 -1.72	50.24 0.98 0.00	48.18 0.98 -2.47
EMPIRE_CC_2 323658	51.55 0.76 0.00	48.04 0.75 0.00	45.82 0.77 0.00	45.21 0.75 0.00	46.47 0.78 0.00	51.49 0.96 0.00	74.46 1.32 0.00	87.05 1.37 0.00	65.12 1.15 0.00	57.12 0.95 0.00	50.87 0.55 0.00	46.43 0.59 0.00	47.03 0.70 0.00	49.00 0.77 0.00	49.37 0.82 0.00	56.40 1.05 0.00	72.54 1.35 0.00	82.86 1.62 0.00	73.40 1.37 0.00	67.89 1.33 -0.27	61.46 1.20 -0.25	57.16 1.09 -1.72	50.24 0.98 0.00	48.18 0.98 -2.47
ENORWICH_115KV_TB1 80156	54.39 3.61 0.00	50.83 3.55 0.00	48.21 3.15 0.00	47.52 3.07 0.00	48.90 3.20 0.00	54.27 3.74 0.00	79.14 6.00 0.00	93.91 8.23 0.00	68.76 4.80 0.00	59.87 3.71 0.00	53.03 2.72 0.00	48.17 2.34 0.00	48.51 2.18 0.00	50.50 2.27 0.00	50.92 2.38 0.00	58.62 3.27 -0.01	75.97 4.77 0.00	86.84 5.61 0.00	76.72 4.68 0.00	70.61 4.24 -0.07	63.80 3.72 -0.07	57.59 2.77 -0.46	51.77 2.51 0.00	47.54 2.15 -0.66
ERIE_ST__34_KV_TB1-2 80199	50.74 -0.05 0.00	47.57 0.28 0.00	45.14 0.09 0.00	44.90 0.44 0.00	45.93 0.23 0.00	49.27 -1.26 0.00	69.27 -3.88 0.00	81.57 -4.11 0.00	60.19 -3.77 0.00	53.86 -2.30 0.00	48.55 -1.76 0.00	44.36 -1.47 0.00	44.67 -1.67 0.00	46.30 -2.17 0.00	46.26 -2.53 0.00	51.91 -3.82 0.01	66.78 -4.41 0.00	76.69 -4.55 0.00	68.29 -3.75 0.00	61.49 -4.84 -0.03	55.36 -4.68 -0.03	49.39 -5.16 -0.20	46.89 -2.36 0.00	41.84 -2.73 -0.28
ERIE_WT_PWR 323693	50.59 -0.20 0.00	47.43 0.14 0.00	45.10 0.05 0.00	44.76 0.31 0.00	45.79 0.09 0.00	49.02 -1.51 0.00	68.76 -4.39 0.00	81.05 -4.63 0.00	59.87 -4.10 0.00	53.64 -2.53 0.00	48.30 -2.01 0.00	44.14 -1.69 0.00	44.43 -1.90 0.00	46.06 -2.17 0.00	46.02 -2.53 0.00	51.52 -3.82 0.01	66.35 -4.84 0.00	75.79 -5.44 0.00	67.64 -4.40 0.00	61.49 -4.84 -0.03	54.94 -5.10 -0.03	49.99 -4.57 -0.20	46.70 -2.56 0.00	42.29 -2.79 -0.29
ESPRGFLD_115KV_TB1 80157	51.09 0.30 0.00	47.62 0.33 0.00	45.28 0.23 0.00	44.63 0.18 0.00	45.97 0.27 0.00	51.19 0.66 0.00	74.39 1.24 0.00	87.22 1.54 0.00	64.22 0.26 0.00	55.71 -0.45 0.00	49.61 -0.70 0.00	45.19 -0.64 0.00	45.59 -0.74 0.00	47.31 -0.92 0.00	47.72 -0.83 0.00	55.35 0.00 0.00	71.84 0.64 0.00	82.29 1.06 0.00	72.83 0.79 0.00	67.04 0.73 -0.01	60.69 0.66 -0.01	55.16 0.71 -0.10	49.70 0.44 0.00	45.18 0.31 -0.14
ETNA_115_KV_TB1_REV_LBMP_C 345029	51.75 0.96 0.00	48.23 0.95 0.00	45.86 0.81 0.00	45.30 0.84 0.00	46.57 0.87 0.00	51.44 0.91 0.00	74.39 1.24 0.00	87.57 1.88 0.00	64.93 0.96 0.00	57.01 0.84 0.00	50.92 0.60 0.00	46.34 0.50 0.00	46.80 0.46 0.00	48.71 0.48 0.00	49.03 0.49 0.00	55.86 0.50 -0.02	72.12 0.93 0.00	82.45 1.22 0.00	73.26 1.22 0.00	67.41 1.06 -0.05	60.78 0.72 -0.05	55.06 0.38 -0.33	49.75 0.49 0.00	45.51 0.31 -0.47
ETNA____115KV_TB2 80207	51.75 0.96 0.00	48.23 0.95 0.00	45.86 0.81 0.00	45.30 0.84 0.00	46.57 0.87 0.00	51.44 0.91 0.00	74.39 1.24 0.00	87.57 1.88 0.00	64.93 0.96 0.00	57.01 0.84 0.00	50.92 0.60 0.00	46.34 0.50 0.00	46.80 0.46 0.00	48.71 0.48 0.00	49.03 0.49 0.00	55.86 0.50 -0.02	72.12 0.93 0.00	82.45 1.22 0.00	73.26 1.22 0.00	67.41 1.06 -0.05	60.78 0.72 -0.05	55.06 0.38 -0.33	49.75 0.49 0.00	45.51 0.31 -0.47
EUCLID___115KV_TB2 356179	49.82 -0.96 0.00	46.43 -0.85 0.00	44.20 -0.86 0.00	43.61 -0.84 0.00	44.83 -0.87 0.00	49.52 -1.01 0.00	71.46 -1.68 0.00	83.97 -1.71 0.00	62.56 -1.41 0.00	54.98 -1.18 0.00	49.26 -1.06 0.00	44.91 -0.92 0.00	45.36 -0.97 0.00	47.22 -1.01 0.00	47.48 -1.07 0.00	53.96 -1.38 0.00	69.49 -1.71 0.00	79.37 -1.87 0.00	70.45 -1.58 0.00	64.79 -1.52 -0.02	58.65 -1.38 -0.02	53.12 -1.36 -0.12	48.13 -1.13 0.00	43.88 -1.03 -0.17
E_CANADA_CAP_HY 24051	50.69 -0.10 0.00	47.29 0.00 0.00	44.87 -0.18 0.00	44.32 -0.13 0.00	45.65 -0.05 0.00	50.93 0.40 0.00	73.80 0.66 0.00	86.28 0.60 0.00	63.13 -0.83 0.00	54.25 -1.91 0.00	48.10 -2.21 0.00	43.95 -1.88 0.00	44.20 -2.13 0.00	45.92 -2.31 0.00	46.41 -2.13 0.00	54.35 -0.99 0.00	70.91 -0.28 0.00	81.48 0.24 0.00	72.18 0.14 0.00	66.70 0.07 -0.33	60.44 0.12 -0.31	57.12 0.60 -2.17	49.51 0.25 0.00	47.89 0.04 -3.11
E_CANADA_MHWK_HY 24050	54.65 3.86 0.00	50.93 3.64 0.00	48.47 3.42 0.00	47.83 3.38 0.00	49.17 3.47 0.00	54.37 3.84 0.00	78.78 5.63 0.00	92.37 6.69 0.00	68.70 4.73 0.00	60.32 4.16 0.00	54.04 3.72 0.00	49.22 3.39 0.00	49.71 3.38 0.00	51.71 3.47 0.00	52.04 3.50 0.00	59.44 4.10 0.00	76.32 5.13 0.00	86.92 5.68 0.00	76.86 4.83 0.00	70.67 4.37 0.00	63.97 3.96 0.00	58.05 3.70 0.00	52.71 3.45 0.00	47.91 3.18 0.00
E_FISHKILL___LBMP 23776	52.57 1.78 0.00	48.85 1.56 0.00	46.49 1.44 0.00	45.83 1.38 0.00	47.11 1.42 0.00	52.50 1.97 0.00	76.29 3.15 0.00	89.02 3.34 0.00	66.84 2.88 0.00	58.75 2.58 0.00	52.93 2.62 0.00	48.26 2.43 0.00	48.79 2.46 0.00	50.79 2.56 0.00	51.07 2.52 0.00	58.23 2.88 0.00	74.83 3.63 0.00	85.38 4.14 0.00	75.71 3.67 0.00	69.97 3.45 -0.22	63.28 3.06 -0.21	58.58 2.77 -1.45	51.82 2.56 0.00	49.05 2.24 -2.08
FALCON___SEABRD_CC1 323796	51.90 1.12 0.00	48.04 0.75 0.00	45.82 0.77 0.00	45.16 0.71 0.00	46.56 0.87 0.00	50.03 -0.51 0.00	71.39 -1.76 0.00	84.05 -1.63 0.00	62.37 -1.60 0.00	53.97 -2.19 0.00	49.81 -0.50 0.00	45.05 -0.78 0.00	45.64 -0.69 0.00	47.51 -0.72 0.00	48.11 -0.44 0.00	54.41 -0.94 0.00	69.06 -2.13 0.00	78.39 -2.85 0.00	69.22 -2.81 0.00	64.24 -2.06 0.00	58.69 -1.32 0.00	54.63 0.27 0.00	48.52 -0.74 0.00	44.28 -0.45 0.00
FALCON___SEABRD_CC2 323797	51.90 1.12 0.00	48.04 0.75 0.00	45.82 0.77 0.00	45.16 0.71 0.00	46.56 0.87 0.00	50.03 -0.51 0.00	71.39 -1.76 0.00	84.05 -1.63 0.00	62.37 -1.60 0.00	53.97 -2.19 0.00	49.81 -0.50 0.00	45.05 -0.78 0.00	45.64 -0.69 0.00	47.51 -0.72 0.00	48.11 -0.44 0.00	54.41 -0.94 0.00	69.06 -2.13 0.00	78.39 -2.85 0.00	69.22 -2.81 0.00	64.24 -2.06 0.00	58.69 -1.32 0.00	54.63 0.27 0.00	48.52 -0.74 0.00	44.28 -0.45 0.00

FAR ROCKAWAY___4 23548	54.96 4.16 -0.01	50.88 3.59 0.00	48.30 3.24 0.00	47.52 3.07 0.00	48.90 3.20 0.00	54.47 3.94 0.00	77.75 4.61 0.00	90.31 4.63 0.00	67.68 3.71 0.00	60.54 4.38 0.00	55.15 4.83 0.00	50.47 4.63 -0.01	51.01 4.68 0.00	53.11 4.87 -0.01	53.07 4.51 -0.01	60.72 5.37 0.00	78.39 7.19 0.00	89.03 7.80 0.00	79.46 7.42 -0.01	73.35 6.83 -0.23	66.16 5.94 -0.20	61.27 5.49 -1.43	54.00 4.73 -0.01	51.04 4.25 -2.06
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	53.23 2.44 0.00	49.37 2.08 0.00	46.99 1.94 0.00	46.27 1.82 0.00	47.62 1.92 0.00	53.16 2.63 0.00	77.17 4.02 0.00	90.14 4.46 0.00	67.87 3.90 0.00	60.36 3.59 -0.60	53.90 3.57 -0.02	49.15 3.30 -0.02	49.73 3.38 -0.02	51.72 3.47 -0.02	52.01 3.45 -0.02	62.47 3.93 -3.19	76.04 4.84 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.24 4.02 -0.20	59.47 3.70 -1.42	52.66 3.40 0.00	49.73 2.95 -2.04
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	53.23 2.44 0.00	49.37 2.08 0.00	46.99 1.94 0.00	46.27 1.82 0.00	47.62 1.92 0.00	53.16 2.63 0.00	77.17 4.02 0.00	90.14 4.46 0.00	67.93 3.97 0.00	60.36 3.59 -0.60	53.90 3.57 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.72 3.47 -0.02	52.01 3.45 -0.02	62.53 3.99 -3.19	76.04 4.84 0.00	86.76 5.52 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.24 4.02 -0.20	59.47 3.70 -1.42	52.66 3.40 0.00	49.73 2.95 -2.04
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	53.18 2.39 0.00	49.37 2.08 0.00	46.99 1.94 0.00	46.23 1.78 0.00	47.57 1.87 0.00	53.16 2.63 0.00	77.17 4.02 0.00	90.05 4.37 0.00	67.87 3.90 0.00	60.30 3.54 -0.60	53.90 3.57 -0.02	49.15 3.30 -0.02	49.69 3.34 -0.02	51.72 3.47 -0.02	51.96 3.40 -0.02	62.47 3.93 -3.19	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	70.96 4.44 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.61 3.35 0.00	49.73 2.95 -2.04
FARRAGUT___LBMP 323566	53.18 2.39 0.00	49.32 2.03 0.00	46.94 1.89 0.00	46.23 1.78 0.00	47.57 1.87 0.00	53.11 2.58 0.00	77.09 3.95 0.00	90.05 4.37 0.00	67.80 3.84 0.00	60.30 3.54 -0.60	53.85 3.52 -0.02	49.10 3.25 -0.02	49.69 3.34 -0.02	51.67 3.42 -0.02	51.96 3.40 -0.02	62.42 3.87 -3.19	75.97 4.77 0.00	86.60 5.36 0.00	76.79 4.75 0.00	70.96 4.44 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.56 3.30 0.00	49.68 2.91 -2.04
FENNER___WINDPWR 24204	51.75 0.96 0.00	48.23 0.95 0.00	45.91 0.85 0.00	45.25 0.80 0.00	46.56 0.87 0.00	51.54 1.01 0.00	74.75 1.61 0.00	87.99 2.31 0.00	65.31 1.35 0.00	57.23 1.06 0.00	51.12 0.80 0.00	46.47 0.64 0.00	46.93 0.60 0.00	48.86 0.63 0.00	49.23 0.68 0.00	56.23 0.88 0.00	72.40 1.21 0.00	82.61 1.38 0.00	73.12 1.08 0.00	67.38 1.06 -0.03	60.94 0.90 -0.03	55.19 0.65 -0.18	49.85 0.59 0.00	45.49 0.49 -0.26
FIBERTEK___ENERGY 23856	50.38 -0.41 0.00	46.95 -0.33 0.00	44.65 -0.41 0.00	44.10 -0.36 0.00	45.33 -0.37 0.00	50.08 -0.45 0.00	72.34 -0.80 0.00	85.08 -0.60 0.00	63.39 -0.58 0.00	55.66 -0.51 0.00	49.86 -0.45 0.00	45.42 -0.41 0.00	45.82 -0.51 0.00	47.75 -0.48 0.00	48.01 -0.53 0.00	54.63 -0.72 0.00	70.41 -0.78 0.00	80.42 -0.81 0.00	71.39 -0.65 0.00	65.59 -0.73 -0.02	59.31 -0.72 -0.02	53.74 -0.76 -0.15	48.67 -0.59 0.00	44.32 -0.63 -0.21
FITZPATRICK___ 23598	49.06 -1.73 0.00	45.68 -1.61 0.00	43.52 -1.53 0.00	42.94 -1.51 0.00	44.14 -1.55 0.00	48.76 -1.77 0.00	70.36 -2.78 0.00	82.60 -3.08 0.00	61.60 -2.37 0.00	54.14 -2.02 0.00	48.51 -1.81 0.00	44.18 -1.65 0.00	44.62 -1.71 0.00	46.45 -1.78 0.00	46.75 -1.80 0.00	53.19 -2.16 0.00	68.49 -2.71 0.00	78.15 -3.09 0.00	69.37 -2.66 0.00	63.79 -2.52 -0.01	57.81 -2.22 -0.01	52.38 -2.07 -0.09	47.39 -1.87 0.00	43.16 -1.70 -0.13
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	53.23 2.44 0.00	49.51 2.22 0.00	47.12 2.07 0.00	46.45 2.00 0.00	47.75 2.06 0.00	53.26 2.73 0.00	77.60 4.46 0.00	90.48 4.80 0.00	67.80 3.84 0.00	59.42 3.26 0.00	53.43 3.12 0.00	48.67 2.84 0.00	49.21 2.87 0.00	51.17 2.94 0.00	51.46 2.91 0.00	58.84 3.49 0.00	75.68 4.49 0.00	86.35 5.12 0.00	76.57 4.54 0.00	70.83 4.31 -0.22	64.06 3.84 -0.20	59.15 3.37 -1.43	52.46 3.20 0.00	49.56 2.77 -2.05
FORT ORANGE___ 23900	51.19 0.40 0.00	47.71 0.42 0.00	45.50 0.45 0.00	44.94 0.49 0.00	46.15 0.46 0.00	51.14 0.61 0.00	74.09 0.95 0.00	86.62 0.94 0.00	64.74 0.77 0.00	56.67 0.50 0.00	50.67 0.35 0.00	46.24 0.41 0.00	46.80 0.46 0.00	48.71 0.48 0.00	49.03 0.49 0.00	56.01 0.67 0.00	72.12 0.92 0.00	82.45 1.22 0.00	73.04 1.01 0.00	67.50 0.93 -0.27	61.17 0.90 -0.25	56.93 0.82 -1.76	50.04 0.79 0.00	47.98 0.71 -2.53
FORT_DRUM_COGEN 23780	51.25 0.46 0.00	47.81 0.52 0.00	45.32 0.27 0.00	44.63 0.18 0.00	45.93 0.23 0.00	50.78 0.25 0.00	74.02 0.88 0.00	88.17 2.48 0.00	64.48 0.51 0.00	56.11 -0.06 0.00	49.81 -0.50 0.00	45.14 -0.69 0.00	45.45 -0.88 0.00	47.31 -0.92 0.00	47.77 -0.78 0.00	55.07 -0.28 0.00	70.55 -0.64 0.00	80.67 -0.57 0.00	71.24 -0.79 0.00	65.98 -0.33 -0.01	59.96 -0.06 -0.01	54.32 -0.11 -0.08	48.67 -0.59 0.00	44.44 -0.40 -0.11
FOX_HILLS___ESR 323835	53.79 3.00 -0.01	49.94 2.65 -0.01	47.54 2.48 -0.01	46.81 2.36 -0.01	48.17 2.47 -0.01	53.72 3.18 -0.01	77.02 3.88 0.00	89.79 4.11 0.00	67.61 3.65 0.00	59.52 2.75 -0.61	54.16 3.82 -0.02	49.38 3.53 -0.02	49.92 3.57 -0.02	51.96 3.71 -0.02	52.25 3.69 -0.02	61.70 3.15 -3.20	75.75 4.56 0.00	86.43 5.20 0.00	76.65 4.61 0.00	70.83 4.31 -0.22	64.24 4.02 -0.20	59.96 4.19 -1.42	53.26 3.99 -0.01	50.32 3.53 -2.05
FPL_FAR_ROCK_GT1 24212	54.96 4.17 -0.01	50.88 3.59 0.00	48.30 3.25 0.00	47.52 3.06 0.00	48.90 3.20 0.00	54.47 3.94 0.00	77.75 4.61 0.00	90.30 4.62 0.00	67.67 3.71 0.00	60.99 4.83 0.00	55.15 4.83 0.00	50.42 4.58 -0.01	51.01 4.68 0.00	53.11 4.87 -0.01	53.07 4.52 -0.01	60.78 5.43 0.00	78.18 6.98 0.00	89.03 7.80 0.00	79.46 7.42 -0.01	73.35 6.83 -0.23	66.10 5.88 -0.20	61.27 5.49 -1.43	54.00 4.73 -0.01	51.04 4.25 -2.06
FPL_FAR_ROCK_GT2 23815	54.96 4.17 -0.01	50.88 3.59 0.00	48.30 3.25 0.00	47.52 3.06 0.00	48.90 3.20 0.00	54.47 3.94 0.00	77.75 4.61 0.00	90.30 4.62 0.00	67.67 3.71 0.00	60.99 4.83 0.00	55.15 4.83 0.00	50.42 4.58 -0.01	51.01 4.68 0.00	53.11 4.87 -0.01	53.07 4.52 -0.01	60.78 5.43 0.00	78.18 6.98 0.00	89.03 7.80 0.00	79.46 7.42 -0.01	73.35 6.83 -0.23	66.10 5.88 -0.20	61.27 5.49 -1.43	54.00 4.73 -0.01	51.04 4.25 -2.06
FRANKLIN_FALL_HYD 24054	52.16 1.37 0.00	48.23 0.95 0.00	46.00 0.95 0.00	45.38 0.93 0.00	46.75 1.05 0.00	50.53 0.00 0.00	72.70 -0.44 0.00	85.85 0.17 0.00	63.58 -0.38 0.00	56.44 0.28 0.00	50.42 0.10 0.00	45.56 -0.27 0.00	46.10 -0.23 0.00	47.89 -0.34 0.00	48.55 0.00 0.00	55.29 -0.06 0.00	70.20 -1.00 0.00	79.61 -1.62 0.00	70.38 -1.66 0.00	65.50 -0.80 0.00	59.41 -0.60 0.00	54.95 0.60 0.00	48.77 -0.49 0.00	44.55 -0.18 0.00

FREEPORT_EQUS_GT1 23764	54.65 3.86 -0.01	50.59 3.31 0.00	48.03 2.97 0.00	47.25 2.80 0.00	48.63 2.93 0.00	54.17 3.64 0.00	77.31 4.17 0.00	89.71 4.03 0.00	67.35 3.39 0.00	60.66 4.49 0.00	54.85 4.53 0.00	50.19 4.36 -0.01	50.74 4.40 0.00	52.87 4.63 -0.01	52.88 4.32 -0.01	60.38 5.04 0.00	77.74 6.55 0.00	88.55 7.31 0.00	79.03 6.99 -0.01	72.95 6.43 -0.23	65.68 5.46 -0.20	60.95 5.17 -1.43	53.85 4.58 -0.01	50.86 4.07 -2.06
FREEPORT___CT2 23818	54.65 3.86 -0.01	50.59 3.31 0.00	48.03 2.97 0.00	47.25 2.80 0.00	48.63 2.93 0.00	54.17 3.64 0.00	77.31 4.17 0.00	89.71 4.03 0.00	67.35 3.39 0.00	60.66 4.49 0.00	54.85 4.53 0.00	50.19 4.36 -0.01	50.74 4.40 0.00	52.87 4.63 -0.01	52.88 4.32 -0.01	60.38 5.04 0.00	77.74 6.55 0.00	88.55 7.31 0.00	79.03 6.99 -0.01	72.95 6.43 -0.23	65.68 5.46 -0.20	60.95 5.17 -1.43	53.85 4.58 -0.01	50.86 4.07 -2.06
FRESHKLS_33_KV_LOAD 356253	54.00 3.20 -0.01	50.08 2.79 -0.01	47.72 2.66 -0.01	46.99 2.53 -0.01	48.31 2.60 -0.01	53.87 3.34 -0.01	77.02 3.88 0.00	89.71 4.03 0.00	67.55 3.58 0.00	59.41 2.64 -0.61	54.26 3.92 -0.02	49.47 3.62 -0.02	50.01 3.66 -0.02	52.06 3.81 -0.02	52.35 3.79 -0.02	61.59 3.04 -3.20	75.75 4.56 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.89 4.38 -0.22	64.30 4.08 -0.20	60.18 4.40 -1.42	53.50 4.24 -0.01	50.54 3.76 -2.05
FULTON COGEN____ 23766	49.47 -1.32 0.00	46.10 -1.18 0.00	43.88 -1.17 0.00	43.30 -1.16 0.00	44.51 -1.19 0.00	49.22 -1.31 0.00	71.09 -2.05 0.00	83.54 -2.14 0.00	62.24 -1.73 0.00	54.65 -1.52 0.00	48.96 -1.36 0.00	44.59 -1.24 0.00	45.04 -1.30 0.00	46.88 -1.35 0.00	47.19 -1.36 0.00	53.69 -1.66 0.00	69.13 -2.06 0.00	78.96 -2.27 0.00	70.16 -1.87 0.00	64.53 -1.79 -0.02	58.35 -1.68 -0.02	52.90 -1.58 -0.12	47.83 -1.43 0.00	43.56 -1.34 -0.17
FULTON___LFGE 323630	52.06 1.27 0.00	48.61 1.32 0.00	46.09 1.04 0.00	45.52 1.07 0.00	46.88 1.19 0.00	52.25 1.72 0.00	75.99 2.85 0.00	88.94 3.26 0.00	65.12 1.15 0.00	55.94 -0.22 0.00	49.56 -0.75 0.00	45.01 -0.82 0.00	45.27 -1.06 0.00	47.12 -1.11 0.00	47.77 -0.78 0.00	55.96 0.61 0.00	73.04 1.85 0.00	84.00 2.76 0.00	74.41 2.37 0.00	68.67 2.06 -0.31	62.22 1.92 -0.29	58.40 2.01 -2.03	50.79 1.53 0.00	48.90 1.25 -2.91
G.F.CEMENT___DRP 24184	54.14 3.35 0.00	50.55 3.26 0.00	47.98 2.93 0.00	47.43 2.98 0.00	48.76 3.06 0.00	54.17 3.64 0.00	78.92 5.78 0.00	92.45 6.77 0.00	68.64 4.67 0.00	59.76 3.59 0.00	53.18 2.87 0.00	48.21 2.38 0.00	48.51 2.18 0.00	50.45 2.22 0.00	50.88 2.33 0.00	58.67 3.32 0.00	75.97 4.77 0.00	87.16 5.93 0.00	77.22 5.19 0.00	71.15 4.57 -0.28	64.72 4.44 -0.26	60.10 3.91 -1.83	52.71 3.45 0.00	50.40 3.04 -2.63
GARDENVILLE___LBMP 24039	50.43 -0.36 0.00	47.29 0.00 0.00	44.87 -0.18 0.00	44.63 0.18 0.00	45.65 -0.05 0.00	48.86 -1.67 0.00	68.53 -4.61 0.00	80.80 -4.88 0.00	59.62 -4.35 0.00	53.30 -2.86 0.00	48.10 -2.21 0.00	43.95 -1.88 0.00	44.29 -2.04 0.00	45.82 -2.41 0.00	45.83 -2.72 0.00	51.41 -3.93 0.01	66.07 -5.13 0.00	75.87 -5.36 0.00	67.57 -4.47 0.00	61.29 -5.04 -0.03	55.30 -4.74 -0.03	49.87 -4.67 -0.19	46.55 -2.71 0.00	42.24 -2.77 -0.28
GARDNVLA_35_KV_LD 355827	50.69 -0.10 0.00	47.52 0.24 0.00	45.10 0.05 0.00	44.85 0.40 0.00	45.83 0.14 0.00	49.17 -1.36 0.00	68.90 -4.24 0.00	81.31 -4.37 0.00	60.06 -3.90 0.00	53.75 -2.42 0.00	48.45 -1.86 0.00	44.32 -1.51 0.00	44.62 -1.71 0.00	46.21 -2.03 0.00	46.22 -2.33 0.00	51.63 -3.71 0.01	66.35 -4.84 0.00	76.20 -5.04 0.00	67.86 -4.18 0.00	61.55 -4.77 -0.03	55.54 -4.50 -0.03	50.09 -4.46 -0.19	46.75 -2.51 0.00	42.37 -2.64 -0.28
GELCKHM___115KV_LOAD 80723	50.03 -0.76 0.00	46.62 -0.66 0.00	44.38 -0.68 0.00	43.78 -0.67 0.00	45.01 -0.69 0.00	49.72 -0.81 0.00	71.75 -1.39 0.00	84.40 -1.29 0.00	62.88 -1.09 0.00	55.27 -0.90 0.00	49.51 -0.81 0.00	45.10 -0.73 0.00	45.55 -0.79 0.00	47.41 -0.82 0.00	47.67 -0.87 0.00	54.24 -1.11 0.00	69.84 -1.35 0.00	79.77 -1.46 0.00	70.81 -1.22 0.00	65.12 -1.19 -0.02	58.89 -1.14 -0.02	53.40 -1.09 -0.13	48.32 -0.94 0.00	44.02 -0.89 -0.19
GENERAL___MILLS 23808	50.53 -0.25 0.00	47.38 0.09 0.00	45.01 -0.05 0.00	44.72 0.27 0.00	45.74 0.05 0.00	49.01 -1.52 0.00	68.68 -4.46 0.00	80.97 -4.71 0.00	59.81 -4.16 0.00	53.52 -2.64 0.00	48.25 -2.06 0.00	44.14 -1.70 0.00	44.43 -1.90 0.00	46.01 -2.22 0.00	46.02 -2.52 0.00	51.52 -3.82 0.01	66.28 -4.91 0.00	76.12 -5.12 0.00	67.71 -4.32 0.00	61.42 -4.91 -0.03	55.42 -4.62 -0.03	49.98 -4.57 -0.19	46.65 -2.61 0.00	42.28 -2.73 -0.28
GE_PLASTICS___DRP 24183	51.35 0.56 0.00	47.85 0.57 0.00	45.64 0.59 0.00	45.07 0.62 0.00	46.29 0.59 0.00	51.29 0.76 0.00	74.31 1.17 0.00	86.79 1.11 0.00	64.93 0.96 0.00	56.89 0.73 0.00	50.92 0.60 0.00	46.38 0.55 0.00	46.94 0.60 0.00	48.91 0.68 0.00	49.23 0.68 0.00	56.23 0.89 0.00	72.33 1.14 0.00	82.62 1.38 0.00	73.19 1.15 0.00	67.69 1.13 -0.27	61.28 1.02 -0.25	57.03 0.92 -1.75	50.15 0.89 0.00	48.00 0.76 -2.51
GILBOA___1 23756	51.75 0.96 0.00	48.14 0.85 0.00	46.04 0.99 0.00	45.43 0.98 0.00	46.70 1.00 0.00	51.59 1.06 0.00	74.83 1.68 0.00	87.30 1.62 0.00	65.44 1.47 0.00	57.51 1.35 0.00	51.52 1.21 0.00	46.93 1.10 0.00	47.44 1.11 0.00	49.39 1.16 0.00	49.71 1.16 0.00	56.73 1.38 0.00	72.90 1.71 0.00	83.10 1.87 0.00	73.69 1.66 0.00	68.23 1.72 -0.21	61.71 1.50 -0.20	57.10 1.36 -1.39	50.54 1.28 0.00	47.84 1.12 -1.99
GILBOA___2 23757	51.75 0.96 0.00	48.14 0.85 0.00	46.04 0.99 0.00	45.43 0.98 0.00	46.70 1.00 0.00	51.59 1.06 0.00	74.83 1.68 0.00	87.30 1.62 0.00	65.44 1.47 0.00	57.51 1.35 0.00	51.52 1.21 0.00	46.93 1.10 0.00	47.44 1.11 0.00	49.39 1.16 0.00	49.71 1.16 0.00	56.73 1.38 0.00	72.90 1.71 0.00	83.10 1.87 0.00	73.69 1.66 0.00	68.23 1.72 -0.21	61.71 1.50 -0.20	57.10 1.36 -1.39	50.54 1.28 0.00	47.84 1.12 -1.99
GILBOA___3 23758	51.75 0.96 0.00	48.14 0.85 0.00	46.04 0.99 0.00	45.43 0.98 0.00	46.70 1.00 0.00	51.59 1.06 0.00	74.83 1.68 0.00	87.30 1.62 0.00	65.44 1.47 0.00	57.51 1.35 0.00	51.52 1.21 0.00	46.93 1.10 0.00	47.44 1.11 0.00	49.39 1.16 0.00	49.71 1.16 0.00	56.73 1.38 0.00	72.90 1.71 0.00	83.10 1.87 0.00	73.69 1.66 0.00	68.23 1.72 -0.21	61.71 1.50 -0.20	57.10 1.36 -1.39	50.54 1.28 0.00	47.84 1.12 -1.99
GILBOA___4 23759	51.75 0.96 0.00	48.14 0.85 0.00	46.04 0.99 0.00	45.43 0.98 0.00	46.70 1.00 0.00	51.59 1.06 0.00	74.83 1.68 0.00	87.30 1.62 0.00	65.44 1.47 0.00	57.51 1.35 0.00	51.52 1.21 0.00	46.93 1.10 0.00	47.44 1.11 0.00	49.39 1.16 0.00	49.71 1.16 0.00	56.73 1.38 0.00	72.90 1.71 0.00	83.10 1.87 0.00	73.69 1.66 0.00	68.23 1.72 -0.21	61.71 1.50 -0.20	57.10 1.36 -1.39	50.54 1.28 0.00	47.84 1.12 -1.99

GILBOA____ 23599	51.75 0.96 0.00	48.14 0.85 0.00	46.04 0.99 0.00	45.43 0.98 0.00	46.70 1.01 0.00	51.59 1.06 0.00	74.83 1.68 0.00	87.31 1.63 0.00	65.44 1.47 0.00	57.46 1.29 0.00	51.52 1.21 0.00	46.93 1.10 0.00	47.58 1.25 0.00	49.39 1.16 0.00	49.71 1.17 0.00	56.73 1.38 0.00	72.97 1.78 0.00	83.10 1.87 0.00	73.69 1.66 0.00	68.17 1.66 -0.21	61.71 1.50 -0.20	57.10 1.36 -1.39	50.54 1.28 0.00	47.84 1.12 -1.99
GINNA____ 23603	47.99 -2.79 0.00	44.82 -2.46 0.00	42.57 -2.48 0.00	42.14 -2.31 0.00	43.27 -2.42 0.00	47.30 -3.24 0.00	67.66 -5.49 0.00	79.85 -5.83 0.00	59.30 -4.67 0.00	52.29 -3.87 0.00	46.84 -3.47 0.00	42.71 -3.12 0.00	43.04 -3.29 0.00	44.76 -3.47 0.00	44.95 -3.59 0.00	50.92 -4.43 0.00	65.85 -5.34 0.00	75.22 -6.01 0.00	66.78 -5.26 0.00	61.28 -5.04 -0.02	55.77 -4.26 -0.02	50.48 -4.02 -0.14	45.66 -3.59 0.00	41.89 -3.04 -0.20
GLEN PARK____ 23778	51.35 0.56 0.00	47.90 0.61 0.00	45.37 0.32 0.00	44.67 0.22 0.00	45.97 0.28 0.00	50.89 0.36 0.00	74.24 1.10 0.00	88.60 2.91 0.00	64.67 0.70 0.00	56.00 -0.17 0.00	49.86 -0.45 0.00	45.14 -0.69 0.00	45.45 -0.88 0.00	47.31 -0.92 0.00	47.77 -0.78 0.00	55.07 -0.28 0.00	70.84 -0.35 0.00	81.07 -0.16 0.00	71.61 -0.43 0.00	66.31 0.00 -0.01	60.27 0.24 -0.01	54.54 0.11 -0.08	48.81 -0.44 0.00	44.58 -0.27 -0.11
GLENDALE_27_KV_LOAD 356172	53.69 2.89 -0.01	49.80 2.51 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	47.99 2.28 -0.01	53.62 3.08 -0.01	77.46 4.32 0.00	90.39 4.71 0.00	68.12 4.16 0.00	60.37 3.59 -0.61	54.21 3.87 -0.02	49.42 3.57 -0.02	50.01 3.66 -0.02	52.01 3.76 -0.02	52.30 3.74 -0.02	62.63 4.04 -3.24	76.25 5.05 0.00	87.00 5.77 0.00	77.08 5.04 0.00	71.22 4.71 -0.22	64.60 4.38 -0.20	59.80 4.02 -1.42	53.00 3.74 0.00	50.09 3.31 -2.05
GLENWOOD_IC_1_G5 23712	53.79 3.00 -0.01	49.89 2.60 0.00	47.44 2.39 0.00	46.67 2.22 0.00	48.03 2.33 0.00	53.56 3.03 0.00	77.17 4.02 0.00	89.88 4.20 0.00	67.48 3.52 0.00	59.87 3.71 0.00	54.24 3.92 0.00	49.55 3.71 -0.01	50.09 3.75 0.00	52.14 3.91 -0.01	52.30 3.74 -0.01	59.72 4.37 0.00	76.82 5.62 0.00	87.41 6.17 0.00	77.80 5.76 -0.01	71.83 5.30 -0.23	64.84 4.62 -0.20	60.08 4.29 -1.43	53.06 3.79 -0.01	50.14 3.35 -2.05
GLENWOOD_IC_2_G1 23688	53.33 2.54 0.00	49.51 2.22 0.00	47.08 2.03 0.00	46.36 1.91 0.00	47.71 2.01 0.00	53.21 2.68 0.00	76.94 3.80 0.00	89.62 3.94 0.00	67.42 3.45 0.00	59.76 3.60 0.00	53.84 3.52 0.00	49.09 3.25 0.00	49.71 3.38 0.00	51.71 3.47 0.00	51.89 3.35 0.00	59.28 3.93 0.00	76.04 4.84 0.00	86.76 5.53 0.00	77.08 5.04 0.00	71.16 4.64 -0.22	64.30 4.08 -0.20	59.52 3.75 -1.42	52.65 3.40 0.00	49.77 3.00 -2.04
GLENWOOD_IC_3_G1 23689	53.33 2.54 0.00	49.51 2.22 0.00	47.08 2.03 0.00	46.36 1.91 0.00	47.71 2.01 0.00	53.21 2.68 0.00	76.94 3.80 0.00	89.62 3.94 0.00	67.42 3.45 0.00	59.76 3.60 0.00	53.84 3.52 0.00	49.09 3.25 0.00	49.71 3.38 0.00	51.71 3.47 0.00	51.89 3.35 0.00	59.28 3.93 0.00	76.04 4.84 0.00	86.76 5.53 0.00	77.08 5.04 0.00	71.16 4.64 -0.22	64.30 4.08 -0.20	59.52 3.75 -1.42	52.65 3.40 0.00	49.77 3.00 -2.04
GLENWOOD___4 23550	53.79 3.00 -0.01	49.89 2.60 0.00	47.44 2.39 0.00	46.67 2.22 0.00	48.03 2.33 0.00	53.56 3.03 0.00	77.17 4.02 0.00	89.88 4.20 0.00	67.48 3.52 0.00	59.87 3.71 0.00	54.24 3.92 0.00	49.55 3.71 -0.01	50.09 3.75 0.00	52.14 3.91 -0.01	52.30 3.74 -0.01	59.72 4.37 0.00	76.82 5.62 0.00	87.41 6.17 0.00	77.80 5.76 -0.01	71.83 5.30 -0.23	64.84 4.62 -0.20	60.08 4.29 -1.43	53.06 3.79 -0.01	50.14 3.35 -2.05
GLENWOOD___5 23614	53.79 3.00 -0.01	49.89 2.60 0.00	47.44 2.39 0.00	46.67 2.22 0.00	48.03 2.33 0.00	53.56 3.03 0.00	77.17 4.02 0.00	89.88 4.20 0.00	67.48 3.52 0.00	59.87 3.71 0.00	54.24 3.92 0.00	49.55 3.71 -0.01	50.09 3.75 0.00	52.14 3.91 -0.01	52.30 3.74 -0.01	59.72 4.37 0.00	76.82 5.62 0.00	87.41 6.17 0.00	77.80 5.76 -0.01	71.83 5.30 -0.23	64.84 4.62 -0.20	60.08 4.29 -1.43	53.06 3.79 -0.01	50.14 3.35 -2.05
GLOBAL GREEN_PORT_GT1 23814	57.04 6.25 -0.01	52.72 5.44 0.00	50.01 4.96 0.00	49.21 4.76 0.00	50.63 4.94 0.00	56.39 5.86 0.00	80.32 7.17 0.00	92.88 7.20 0.00	69.72 5.76 0.00	63.07 6.91 0.00	57.11 6.79 0.00	52.12 6.28 -0.01	52.63 6.30 0.00	55.14 6.90 -0.01	55.31 6.75 -0.02	63.19 7.81 -0.04	81.49 10.25 -0.04	92.61 11.37 0.00	82.92 10.88 -0.01	77.12 10.01 -0.81	68.77 8.52 -0.24	67.58 7.99 -5.23	56.22 6.95 -0.02	52.96 6.17 -2.06
GLOBE___DSASP 323697	48.71 -2.08 0.00	45.68 -1.61 0.00	44.11 -0.95 0.00	43.12 -1.33 0.00	44.10 -1.60 0.00	47.14 -3.39 0.00	65.54 -7.61 0.00	77.46 -8.23 0.00	57.31 -6.65 0.00	51.56 -4.61 0.00	46.44 -3.87 0.00	42.49 -3.35 0.00	42.81 -3.52 0.00	44.28 -3.95 0.00	44.32 -4.22 0.00	49.42 -5.92 0.01	63.36 -7.83 0.00	72.70 -8.53 0.00	64.69 -7.35 0.00	59.10 -7.23 -0.03	53.56 -6.48 -0.03	48.83 -5.71 -0.18	44.97 -4.29 0.00	41.36 -3.62 -0.26
GOETHSLN___LBMP 323567	52.92 2.13 0.00	49.08 1.80 0.00	46.72 1.67 0.00	46.01 1.56 0.00	47.34 1.65 0.00	52.91 2.37 0.00	76.80 3.66 0.00	89.62 3.94 0.00	67.55 3.58 0.00	60.13 3.37 -0.60	53.65 3.32 -0.02	48.96 3.12 -0.02	49.50 3.15 -0.02	51.48 3.23 -0.02	51.77 3.20 -0.02	62.30 3.76 -3.19	75.61 4.41 0.00	86.27 5.04 0.00	76.50 4.47 0.00	70.63 4.11 -0.22	63.94 3.72 -0.20	59.20 3.42 -1.42	52.41 3.15 0.00	49.50 2.73 -2.04
GOLAH___69_KV_TB 1_2 80279	50.84 0.05 0.00	47.57 0.28 0.00	45.14 0.09 0.00	44.76 0.31 0.00	45.88 0.18 0.00	49.82 -0.71 0.00	70.66 -2.49 0.00	83.28 -2.40 0.00	61.73 -2.24 0.00	54.59 -1.57 0.00	49.01 -1.31 0.00	44.69 -1.15 0.00	45.04 -1.30 0.00	46.69 -1.54 0.00	46.85 -1.70 0.00	52.74 -2.60 0.01	68.06 -3.13 0.00	78.15 -3.09 0.00	69.44 -2.59 0.00	63.74 -2.59 -0.02	57.69 -2.34 -0.02	52.44 -2.07 -0.15	47.83 -1.43 0.00	43.87 -1.07 -0.21
GOODYEAR_LAKE_HYD 323669	51.96 1.17 0.00	48.37 1.09 0.00	46.09 1.04 0.00	45.43 0.98 0.00	46.75 1.05 0.00	51.84 1.31 0.00	75.41 2.27 0.00	88.42 2.74 0.00	65.63 1.66 0.00	57.40 1.24 0.00	51.27 0.96 0.00	46.70 0.87 0.00	47.21 0.88 0.00	49.05 0.82 0.00	49.37 0.83 0.00	56.73 1.38 0.00	73.19 1.99 0.00	83.59 2.36 0.00	73.98 1.94 0.00	68.16 1.79 -0.08	61.76 1.68 -0.07	56.26 1.41 -0.49	50.49 1.23 0.00	46.51 1.07 -0.70
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	51.55 0.76 0.00	48.04 0.76 0.00	45.77 0.72 0.00	45.21 0.76 0.00	46.43 0.73 0.00	51.24 0.71 0.00	74.02 0.88 0.00	86.79 1.11 0.00	64.61 0.64 0.00	56.56 0.39 0.00	50.72 0.40 0.00	46.24 0.41 0.00	46.70 0.37 0.00	48.52 0.29 0.00	48.79 0.24 0.00	54.91 -0.44 0.00	70.77 -0.43 0.00	80.91 -0.32 0.00	71.89 -0.14 0.00	65.91 -0.46 -0.07	59.84 -0.24 -0.07	54.41 -0.43 -0.48	49.26 0.00 0.00	45.25 -0.18 -0.70

GOUDEY___7 23579	51.55 0.76 0.00	48.04 0.76 0.00	45.77 0.72 0.00	45.21 0.76 0.00	46.43 0.73 0.00	51.24 0.71 0.00	74.02 0.88 0.00	86.79 1.11 0.00	64.61 0.64 0.00	56.56 0.39 0.00	50.72 0.40 0.00	46.24 0.41 0.00	46.70 0.37 0.00	48.52 0.29 0.00	48.79 0.24 0.00	54.91 -0.44 0.00	70.77 -0.43 0.00	80.91 -0.32 0.00	71.89 -0.14 0.00	65.91 -0.46 -0.07	59.84 -0.24 -0.07	54.41 -0.43 -0.48	49.26 0.00 0.00	45.25 -0.18 -0.70
GOUDEY___8 23580	51.55 0.76 0.00	48.04 0.76 0.00	45.77 0.72 0.00	45.21 0.76 0.00	46.43 0.73 0.00	51.24 0.71 0.00	74.02 0.88 0.00	86.79 1.11 0.00	64.61 0.64 0.00	56.56 0.39 0.00	50.72 0.40 0.00	46.24 0.41 0.00	46.70 0.37 0.00	48.52 0.29 0.00	48.79 0.24 0.00	54.91 -0.44 0.00	70.77 -0.43 0.00	80.91 -0.32 0.00	71.89 -0.14 0.00	65.91 -0.46 -0.07	59.84 -0.24 -0.07	54.41 -0.43 -0.48	49.26 0.00 0.00	45.25 -0.18 -0.70
GOWANUS_GT1_1 24077	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.10 0.00	90.05 4.37 0.00	67.87 3.90 0.00	59.86 3.09 -0.61	54.21 3.87 -0.02	49.38 3.53 -0.02	49.96 3.61 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.09 3.49 -3.25	76.04 4.84 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.42	53.16 3.89 -0.01	50.27 3.49 -2.05
GOWANUS_GT1_2 24078	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.10 0.00	90.05 4.37 0.00	67.87 3.90 0.00	59.86 3.09 -0.61	54.21 3.87 -0.02	49.38 3.53 -0.02	49.96 3.61 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.09 3.49 -3.25	76.04 4.84 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.42	53.16 3.89 -0.01	50.27 3.49 -2.05
GOWANUS_GT1_3 24079	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.10 0.00	90.05 4.37 0.00	67.87 3.90 0.00	59.86 3.09 -0.61	54.21 3.87 -0.02	49.38 3.53 -0.02	49.96 3.61 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.09 3.49 -3.25	76.04 4.84 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.42	53.16 3.89 -0.01	50.27 3.49 -2.05
GOWANUS_GT1_4 24080	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.10 0.00	90.05 4.37 0.00	67.87 3.90 0.00	59.86 3.09 -0.61	54.21 3.87 -0.02	49.38 3.53 -0.02	49.96 3.61 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.09 3.49 -3.25	76.04 4.84 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.42	53.16 3.89 -0.01	50.27 3.49 -2.05
GOWANUS_GT1_5 24084	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.10 0.00	90.05 4.37 0.00	67.87 3.90 0.00	59.86 3.09 -0.61	54.21 3.87 -0.02	49.38 3.53 -0.02	49.96 3.61 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.09 3.49 -3.25	76.04 4.84 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.42	53.16 3.89 -0.01	50.27 3.49 -2.05
GOWANUS_GT1_6 24111	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42																			

GOWANUS_GT2_6 24119	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	61.99 3.43 -3.21	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
GOWANUS_GT2_7 24120	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	61.99 3.43 -3.21	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
GOWANUS_GT2_8 24121	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	61.99 3.43 -3.21	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
GOWANUS_GT3_1 24122	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.03 3.43 -3.25	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
GOWANUS_GT3_2 24123	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.03 3.43 -3.25	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
GOWANUS_GT3_3 24124	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.03 3.43 -3.25	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
GOWANUS_GT3_4 24125	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.03 3.43 -3.25	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
GOWANUS_GT3_5 24126	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31																				

GOWANUS_GT4_5 24134	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.10 0.00	90.05 4.37 0.00	67.87 3.90 0.00	59.86 3.09 -0.61	54.21 3.87 -0.02	49.38 3.53 -0.02	49.96 3.61 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.05 3.49 -3.21	76.04 4.84 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.42	53.16 3.89 -0.01	50.27 3.49 -2.05
GOWANUS_GT4_6 24135	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.10 0.00	90.05 4.37 0.00	67.87 3.90 0.00	59.86 3.09 -0.61	54.21 3.87 -0.02	49.38 3.53 -0.02	49.96 3.61 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.05 3.49 -3.21	76.04 4.84 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.42	53.16 3.89 -0.01	50.27 3.49 -2.05
GOWANUS_GT4_7 24136	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.10 0.00	90.05 4.37 0.00	67.87 3.90 0.00	59.86 3.09 -0.61	54.21 3.87 -0.02	49.38 3.53 -0.02	49.96 3.61 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.05 3.49 -3.21	76.04 4.84 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.42	53.16 3.89 -0.01	50.27 3.49 -2.05
GOWANUS_GT4_8 24137	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.10 0.00	90.05 4.37 0.00	67.87 3.90 0.00	59.86 3.09 -0.61	54.21 3.87 -0.02	49.38 3.53 -0.02	49.96 3.61 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.05 3.49 -3.21	76.04 4.84 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.42	53.16 3.89 -0.01	50.27 3.49 -2.05
GREATVRV_69_KV_BK1 356245	55.93 5.13 -0.01	51.68 4.40 0.00	49.02 3.96 0.00	48.23 3.78 0.00	49.67 3.98 0.00	55.33 4.80 0.00	78.78 5.63 0.00	91.16 5.48 0.00	68.38 4.41 0.00	61.44 5.28 0.00	55.95 5.64 0.00	51.20 5.36 -0.01	51.71 5.37 0.00	54.03 5.79 -0.01	54.14 5.58 -0.02	60.85 5.48 -0.02	79.04 7.83 -0.02	90.50 9.26 0.00	80.90 8.86 -0.01	73.95 7.16 -0.49	66.54 6.30 -0.22	63.22 5.71 -3.15	55.09 5.81 -0.02	51.93 5.14 -2.06
GREENBSH_115KV_TB3 55895	51.14 0.36 0.00	47.66 0.38 0.00	45.46 0.41 0.00	44.90 0.44 0.00	46.11 0.41 0.00	51.04 0.51 0.00	73.95 0.80 0.00	86.45 0.77 0.00	64.67 0.70 0.00	56.61 0.45 0.00	50.67 0.35 0.00	46.20 0.37 0.00	46.70 0.37 0.00	48.71 0.48 0.00	49.03 0.49 0.00	56.01 0.66 0.00	72.05 0.85 0.00	82.29 1.06 0.00	72.90 0.86 0.00	67.43 0.86 -0.27	61.05 0.78 -0.25	56.82 0.71 -1.76	49.95 0.69 0.00	47.89 0.63 -2.53
GREENDGE_115KV_TB5 80291	51.96 1.17 0.00	48.61 1.32 0.00	46.13 1.08 0.00	45.74 1.29 0.00	46.93 1.23 0.00	51.19 0.66 0.00	72.05 -1.10 0.00	84.22 -1.46 0.00	62.49 -1.47 0.00	55.21 -0.95 0.00	50.11 -0.20 0.00	45.69 -0.14 0.00	45.92 -0.42 0.00	47.60 -0.63 0.00	47.67 -0.87 0.00	53.49 -1.83 0.03	69.13 -2.06 0.00	78.47 -2.76 0.00	71.10 -0.94 0.00	65.02 -1.33 -0.04	57.95 -2.10 -0.04	52.31 -2.34 -0.29	48.57 -0.69 0.00	43.98 -1.16 -0.41
GREENIDGE___3 23582	51.96 1.17 0.00	48.61 1.32 0.00	46.13 1.08 0.00	45.74 1.29 0.00	46.93 1.23 0.00	51.19 0.66 0.00	72.05 -1.10 0.00	84.22 -1.46 0.00	62.49 -1.47 0.00	55.21 -0.95 0.00	50.11 -0.20 0.00	45.69 -0.14 0.00	45.92 -0.42 0.00	47.60 -0.63 0.00	47.67 -0.87 0.00	53.49 -1.83 0.03	69.13 -2.06 0.00	78.47 -2.76 0.00	71.10 -0.94 0.00	65.02 -1.33 -0.04	57.95 -2.10 -0.04	52.31 -2.34 -0.29	48.57 -0.69 0.00	43.98 -1.16 -0.41
GREENIDGE___4 23583	51.96 1.17 0.00	48.61 1.32 0.00	46.18 1.13 0.00	45.74 1.29 0.00	46.93 1.23 0.00	51.19 0.66 0.00	72.05 -1.10 0.00	84.22 -1.46 0.00	62.50 -1.47 0.00	55.32 -0.84 0.00	50.11 -0.20 0.00	45.65 -0.18 0.00	45.87 -0.46 0.00	47.60 -0.63 0.00	47.67 -0.87 0.00	53.49 -1.83 0.03	69.13 -2.07 0.00	77.98 -3.25 0.00	70.52 -1.52 0.00	64.69 -1.65 -0.04	57.48 -2.58 -0.04	52.60 -2.07 -0.31	48.57 -0.69 0.00	44.01 -1.16 -0.44
GREENLWN_69_KV_BK 3 55738	54.40 3.61 -0.01	50.36 3.07 0.00	47.80 2.75 0.00	47.03 2.58 0.00	48.39 2.70 0.00	53.92 3.39 0.00	76.14 3.00 0.00	88.25 2.57 0.00	66.40 2.43 0.00	59.93 3.76 0.00	54.64 4.33 0.00	50.06 4.22 -0.01	50.55 4.22 0.00	52.72 4.49 -0.01	52.74 4.17 -0.02	59.83 4.48 0.00	77.10 5.91 0.00	87.33 6.09 0.00	77.95 5.91 -0.01	72.09 5.64 -0.16	65.01 4.80 -0.20	59.88 4.57 -0.96	53.61 4.33 -0.02	50.64 3.85 -2.06
GREENWD_138_KV_38B11_REV_LBMP_J 345004	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.10 0.00	90.05 4.37 0.00	67.87 3.90 0.00	59.86 3.09 -0.61	54.21 3.87 -0.02	49.38 3.53 -0.02	49.96 3.61 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.09 3.49 -3.25	76.04 4.84 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.42	53.16 3.89 -0.01	50.27 3.49 -2.05
GRISSOM___SOLAR 323813	52.31 1.52 0.00	48.80 1.51 0.00	46.31 1.26 0.00	45.78 1.33 0.00	47.12 1.42 0.00	52.45 1.92 0.00	76.29 3.14 0.00	89.28 3.60 0.00	65.44 1.47 0.00	56.28 0.11 0.00	49.81 -0.50 0.00	45.19 -0.64 0.00	45.50 -0.83 0.00	47.36 -0.87 0.00	48.11 -0.44 0.00	56.35 1.00 0.00	73.40 2.21 0.00	84.40 3.16 0.00	74.70 2.67 0.00	68.99 2.38 -0.31	62.52 2.22 -0.29	58.59 2.23 -2.00	51.03 1.77 0.00	49.08 1.47 -2.88
GROVEVILLE___HYD 323602	53.23 2.44 0.00	49.51 2.22 0.00	47.12 2.07 0.00	46.45 2.00 0.00	47.75 2.06 0.00	53.26 2.73 0.00	77.60 4.46 0.00	90.48 4.80 0.00	67.80 3.84 0.00	59.42 3.26 0.00	53.43 3.12 0.00	48.67 2.84 0.00	49.21 2.87 0.00	51.17 2.94 0.00	51.46 2.91 0.00	58.84 3.49 0.00	75.68 4.49 0.00	86.35 5.12 0.00	76.57 4.54 0.00	70.83 4.31 -0.22	64.06 3.84 -0.20	59.15 3.37 -1.43	52.46 3.20 0.00	49.56 2.77 -2.05
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	50.38 -0.41 0.00	46.95 -0.33 0.00	44.65 -0.41 0.00	44.10 -0.36 0.00	45.33 -0.37 0.00	50.08 -0.45 0.00	72.34 -0.80 0.00	85.08 -0.60 0.00	63.39 -0.58 0.00	55.66 -0.51 0.00	49.86 -0.45 0.00	45.42 -0.41 0.00	45.82 -0.51 0.00	47.75 -0.48 0.00	48.01 -0.53 0.00	54.63 -0.72 0.00	70.41 -0.78 0.00	80.42 -0.81 0.00	71.39 -0.65 0.00	65.59 -0.73 -0.02	59.31 -0.72 -0.02	53.74 -0.76 -0.15	48.67 -0.59 0.00	44.32 -0.63 -0.21
HAMLTNNY_34_KV_TB 80303	50.53 -0.25 0.00	47.10 -0.19 0.00	44.78 -0.27 0.00	44.23 -0.22 0.00	45.47 -0.23 0.00	50.18 -0.35 0.00	72.41 -0.73 0.00	85.25 -0.43 0.00	63.45 -0.51 0.00	55.71 -0.45 0.00	49.86 -0.45 0.00	45.42 -0.41 0.00	45.87 -0.46 0.00	47.75 -0.48 0.00	48.01 -0.53 0.00	54.63 -0.72 0.00	70.41 -0.78 0.00	80.50 -0.73 0.00	71.46 -0.58 0.00	65.73 -0.60 -0.02	59.44 -0.60 -0.02	53.80 -0.71 -0.15	48.72 -0.54 0.00	44.37 -0.58 -0.22

HAMPSHIRE___PAPER_HYD 323593	51.19 0.40 0.00	47.57 0.29 0.00	45.23 0.18 0.00	44.58 0.13 0.00	45.88 0.18 0.00	50.07 -0.46 0.00	72.19 -0.95 0.00	85.51 -0.17 0.00	63.01 -0.96 0.00	54.53 -1.63 0.00	49.41 -0.90 0.00	44.73 -1.10 0.00	45.22 -1.11 0.00	46.88 -1.35 0.00	47.43 -1.11 0.00	54.08 -1.27 0.00	68.85 -2.35 0.00	78.15 -3.09 0.00	68.87 -3.17 0.00	64.12 -2.19 -0.01	58.40 -1.62 -0.01	53.64 -0.76 -0.04	47.93 -1.33 0.00	43.94 -0.85 -0.06
HARDSCRABBLE_WT_PWR 323673	53.94 3.15 0.00	50.27 2.98 0.00	47.80 2.75 0.00	47.16 2.71 0.00	48.49 2.79 0.00	53.61 3.08 0.00	77.68 4.54 0.00	91.17 5.49 0.00	67.80 3.84 0.00	59.53 3.37 0.00	53.28 2.97 0.00	48.58 2.75 0.00	49.02 2.69 0.00	51.03 2.80 0.00	51.36 2.81 0.00	58.67 3.32 0.00	75.32 4.13 0.00	85.70 4.46 0.00	75.78 3.74 0.00	69.68 3.38 0.00	63.13 3.12 0.00	57.29 2.93 0.00	51.97 2.71 0.00	47.24 2.50 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	52.97 2.18 0.00	49.22 1.94 0.00	46.85 1.80 0.00	46.18 1.73 0.00	47.48 1.78 0.00	52.91 2.37 0.00	77.09 3.95 0.00	89.88 4.20 0.00	67.42 3.45 0.00	59.20 3.03 0.00	53.28 2.97 0.00	48.58 2.75 0.00	49.11 2.78 0.00	51.08 2.85 0.00	51.36 2.82 0.00	58.61 3.27 0.00	75.40 4.20 0.00	86.11 4.87 0.00	76.29 4.25 0.00	70.48 3.98 -0.21	63.69 3.48 -0.19	58.85 3.15 -1.34	52.21 2.96 0.00	49.25 2.59 -1.93
HARSNRAD_115KV_TB1 81005	50.13 -0.66 0.00	46.95 -0.33 0.00	44.38 -0.68 0.00	44.36 -0.09 0.00	45.38 -0.32 0.00	48.26 -2.27 0.00	67.36 -5.78 0.00	79.60 -6.08 0.00	58.78 -5.18 0.00	52.68 -3.48 0.00	47.45 -2.87 0.00	43.36 -2.47 0.00	43.69 -2.64 0.00	45.19 -3.04 0.00	45.24 -3.30 0.00	50.52 -4.82 0.01	65.00 -6.19 0.00	74.57 -6.66 0.00	66.42 -5.62 0.00	60.56 -5.77 -0.03	54.82 -5.22 -0.03	49.80 -4.73 -0.18	46.01 -3.25 0.00	42.12 -2.86 -0.25
HARZA MOOSE___RIVER 24016	51.75 0.96 0.00	48.23 0.95 0.00	45.82 0.77 0.00	45.16 0.71 0.00	46.47 0.78 0.00	51.39 0.86 0.00	74.61 1.46 0.00	88.17 2.48 0.00	65.12 1.15 0.00	56.89 0.73 0.00	50.72 0.40 0.00	46.06 0.23 0.00	46.47 0.14 0.00	48.33 0.10 0.00	48.79 0.24 0.00	56.01 0.66 0.00	71.62 0.43 0.00	81.56 0.32 0.00	71.89 -0.14 0.00	66.37 0.07 -0.01	60.26 0.24 -0.01	54.62 0.22 -0.05	49.16 -0.10 0.00	44.80 0.00 -0.07
HDSNBRDG_115KV_BRDG_TB1 355580	50.03 -0.76 0.00	46.62 -0.66 0.00	44.38 -0.68 0.00	43.78 -0.67 0.00	45.01 -0.69 0.00	49.72 -0.81 0.00	71.75 -1.39 0.00	84.40 -1.29 0.00	62.88 -1.09 0.00	55.21 -0.95 0.00	49.56 -0.75 0.00	45.14 -0.69 0.00	45.59 -0.74 0.00	47.46 -0.77 0.00	47.72 -0.83 0.00	54.24 -1.11 0.00	69.84 -1.35 0.00	79.77 -1.46 0.00	70.74 -1.30 0.00	65.06 -1.26 -0.02	58.83 -1.20 -0.02	53.36 -1.14 -0.14	48.32 -0.94 0.00	44.04 -0.89 -0.20
HELLGATE_13_KV_LD 55870	53.74 2.95 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.08 2.38 -0.01	53.67 3.13 -0.01	77.53 4.39 0.00	90.48 4.80 0.00	68.19 4.22 0.00	60.42 3.65 -0.61	54.26 3.92 -0.02	49.47 3.62 -0.02	50.01 3.66 -0.02	52.06 3.81 -0.02	52.35 3.79 -0.02	62.63 4.04 -3.24	76.32 5.13 0.00	87.00 5.77 0.00	77.15 5.11 0.00	71.29 4.77 -0.22	64.66 4.44 -0.20	59.80 4.02 -1.42	53.05 3.79 0.00	50.18 3.40 -2.05
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	53.74 2.95 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.08 2.38 -0.01	53.67 3.13 -0.01	77.53 4.39 0.00	90.48 4.80 0.00	68.19 4.22 0.00	60.42 3.65 -0.61	54.26 3.92 -0.02	49.47 3.62 -0.02	50.01 3.66 -0.02	52.06 3.81 -0.02	52.35 3.79 -0.02	62.63 4.04 -3.24	76.32 5.13 0.00	87.00 5.77 0.00	77.15 5.11 0.00	71.29 4.77 -0.22	64.66 4.44 -0.20	59.80 4.02 -1.42	53.05 3.79 0.00	50.18 3.40 -2.05
HEMPSTEAD____ 23647	54.05 3.25 -0.01	50.07 2.79 0.00	47.57 2.52 0.00	46.81 2.35 0.00	48.16 2.47 0.00	53.66 3.13 0.00	76.80 3.66 0.00	89.19 3.51 0.00	66.97 3.01 0.00	60.15 3.99 0.00	54.34 4.03 0.00	49.69 3.85 -0.01	50.27 3.94 0.00	52.39 4.15 -0.01	52.44 3.89 -0.01	59.83 4.48 0.00	76.89 5.70 0.00	87.65 6.42 0.00	78.09 6.05 -0.01	72.09 5.57 -0.23	65.02 4.80 -0.20	60.29 4.51 -1.43	53.26 3.99 -0.01	50.32 3.53 -2.06
HICKLING___1 23621	50.94 0.15 0.00	47.71 0.43 0.00	45.32 0.27 0.00	44.94 0.49 0.00	46.11 0.41 0.00	50.03 -0.51 0.00	71.17 -1.97 0.00	83.28 -2.40 0.00	61.34 -2.62 0.00	54.59 -1.57 0.00	49.26 -1.06 0.00	45.01 -0.82 0.00	45.22 -1.11 0.00	46.83 -1.40 0.00	46.90 -1.65 0.00	53.00 -2.32 0.02	68.56 -2.63 0.00	78.63 -2.60 0.00	70.23 -1.80 0.00	63.76 -2.59 -0.05	56.88 -3.18 -0.04	51.07 -3.59 -0.30	47.58 -1.67 0.00	43.10 -2.06 -0.43
HICKLING___2 23622	50.94 0.15 0.00	47.71 0.43 0.00	45.32 0.27 0.00	44.94 0.49 0.00	46.11 0.41 0.00	50.03 -0.51 0.00	71.17 -1.97 0.00	83.28 -2.40 0.00	61.34 -2.62 0.00	54.59 -1.57 0.00	49.26 -1.06 0.00	45.01 -0.82 0.00	45.22 -1.11 0.00	46.83 -1.40 0.00	46.90 -1.65 0.00	53.00 -2.32 0.02	68.56 -2.63 0.00	78.63 -2.60 0.00	70.23 -1.80 0.00	63.76 -2.59 -0.05	56.88 -3.18 -0.04	51.07 -3.59 -0.30	47.58 -1.67 0.00	43.10 -2.06 -0.43
HIGH FALLS___HY 23754	53.43 2.64 0.00	49.65 2.36 0.00	47.31 2.25 0.00	46.58 2.13 0.00	47.94 2.24 0.00	53.46 2.93 0.00	77.97 4.83 0.00	90.91 5.23 0.00	68.06 4.09 0.00	59.59 3.43 0.00	53.59 3.27 0.00	48.76 2.93 0.00	49.30 2.97 0.00	51.22 2.99 0.00	51.56 3.01 0.00	58.95 3.60 0.00	75.89 4.70 0.00	86.76 5.52 0.00	76.93 4.90 0.00	71.16 4.64 -0.22	64.30 4.08 -0.20	59.42 3.64 -1.43	52.66 3.40 0.00	49.78 3.00 -2.05
HIGH_RIVER___SOLAR 323847	52.52 1.73 0.00	48.99 1.70 0.00	46.54 1.48 0.00	45.96 1.51 0.00	47.30 1.60 0.00	52.60 2.07 0.00	76.51 3.37 0.00	89.28 3.60 0.00	65.50 1.53 0.00	56.61 0.45 0.00	50.27 -0.05 0.00	45.69 -0.14 0.00	46.06 -0.28 0.00	47.94 -0.29 0.00	48.45 -0.10 0.00	56.23 0.88 0.00	73.69 2.49 0.00	84.65 3.41 0.00	74.99 2.95 0.00	69.25 2.65 -0.30	62.75 2.46 -0.28	58.63 2.34 -1.94	51.18 1.92 0.00	49.18 1.66 -2.79
HILLBURN___GT 23639	52.77 1.98 0.00	49.04 1.75 0.00	46.72 1.67 0.00	46.01 1.55 0.00	47.30 1.60 0.00	52.75 2.22 0.00	76.80 3.66 0.00	89.54 3.86 0.00	67.29 3.32 0.00	59.25 3.09 0.00	53.33 3.02 0.00	48.58 2.75 0.00	49.16 2.83 0.00	51.12 2.89 0.00	51.41 2.86 0.00	58.61 3.26 0.00	75.18 3.98 0.00	85.94 4.71 0.00	76.28 4.25 0.00	70.42 3.91 -0.21	63.63 3.42 -0.19	58.81 3.10 -1.36	52.11 2.86 0.00	49.23 2.55 -1.95
HILLSIDE_115KV_TB1 80332	50.13 -0.66 0.00	46.91 -0.38 0.00	44.60 -0.45 0.00	44.23 -0.22 0.00	45.33 -0.37 0.00	49.27 -1.26 0.00	70.07 -3.07 0.00	81.82 -3.86 0.00	60.32 -3.65 0.00	53.81 -2.36 0.00	48.60 -1.71 0.00	44.36 -1.47 0.00	44.62 -1.71 0.00	46.16 -2.07 0.00	46.22 -2.33 0.00	52.28 -3.04 0.02	67.49 -3.70 0.00	77.50 -3.74 0.00	69.23 -2.81 0.00	62.83 -3.51 -0.05	55.98 -4.08 -0.04	50.26 -4.40 -0.30	46.89 -2.36 0.00	42.53 -2.64 -0.44

HISHELDN_WT_PWR 323625	50.49 -0.30 0.00	47.29 0.00 0.00	44.92 -0.13 0.00	44.58 0.13 0.00	45.61 -0.09 0.00	48.96 -1.57 0.00	68.83 -4.32 0.00	81.05 -4.63 0.00	59.61 -4.35 0.00	53.30 -2.86 0.00	48.00 -2.31 0.00	43.91 -1.92 0.00	44.20 -2.13 0.00	45.77 -2.46 0.00	45.78 -2.77 0.00	51.41 -3.93 0.01	66.35 -4.84 0.00	75.87 -5.36 0.00	67.72 -4.32 0.00	61.62 -4.71 -0.03	55.00 -5.04 -0.03	50.01 -4.57 -0.22	46.50 -2.76 0.00	42.28 -2.77 -0.32
HOLTSVILLE_IC_1 23690	54.96 4.17 -0.01	50.83 3.55 0.00	48.25 3.20 0.00	47.47 3.02 0.00	48.85 3.15 0.00	54.47 3.94 0.00	76.94 3.80 0.00	88.94 3.26 0.00	67.10 3.13 0.00	60.94 4.77 0.00	55.15 4.83 0.00	50.42 4.58 -0.01	50.97 4.63 0.00	53.21 4.97 -0.01	53.27 4.71 -0.02	60.65 5.26 -0.04	77.78 6.55 -0.04	88.30 7.06 0.00	78.89 6.85 -0.01	73.61 6.50 -0.81	65.84 5.58 -0.24	64.87 5.27 -5.25	54.20 4.93 -0.02	51.18 4.39 -2.06
HOLTSVILLE_IC_10 23699	55.31 4.52 -0.01	51.11 3.83 0.00	48.52 3.47 0.00	47.74 3.29 0.00	49.13 3.43 0.00	54.78 4.25 0.00	77.46 4.31 0.00	89.45 3.77 0.00	67.55 3.58 0.00	61.27 5.11 0.00	55.45 5.13 0.00	50.69 4.86 -0.01	51.24 4.91 0.00	53.54 5.31 -0.01	53.61 5.05 -0.02	60.97 5.59 -0.04	78.35 7.12 -0.04	88.96 7.72 0.00	79.53 7.49 -0.01	74.11 7.02 -0.79	66.26 6.00 -0.24	65.11 5.65 -5.10	54.55 5.27 -0.02	51.44 4.65 -2.06
HOLTSVILLE_IC_2 23691	54.96 4.17 -0.01	50.83 3.55 0.00	48.25 3.20 0.00	47.47 3.02 0.00	48.85 3.15 0.00	54.47 3.94 0.00	76.94 3.80 0.00	88.94 3.26 0.00	67.10 3.13 0.00	60.94 4.77 0.00	55.15 4.83 0.00	50.42 4.58 -0.01	50.97 4.63 0.00	53.21 4.97 -0.01	53.27 4.71 -0.02	60.65 5.26 -0.04	77.78 6.55 -0.04	88.30 7.06 0.00	78.89 6.85 -0.01	73.61 6.50 -0.81	65.84 5.58 -0.24	64.87 5.27 -5.25	54.20 4.93 -0.02	51.18 4.39 -2.06
HOLTSVILLE_IC_3 23692	54.96 4.17 -0.01	50.83 3.55 0.00	48.25 3.20 0.00	47.47 3.02 0.00	48.85 3.15 0.00	54.47 3.94 0.00	76.94 3.80 0.00	88.94 3.26 0.00	67.10 3.13 0.00	60.94 4.77 0.00	55.15 4.83 0.00	50.42 4.58 -0.01	50.97 4.63 0.00	53.21 4.97 -0.01	53.27 4.71 -0.02	60.65 5.26 -0.04	77.78 6.55 -0.04	88.30 7.06 0.00	78.89 6.85 -0.01	73.61 6.50 -0.81	65.84 5.58 -0.24	64.87 5.27 -5.25	54.20 4.93 -0.02	51.18 4.39 -2.06
HOLTSVILLE_IC_4 23693	54.96 4.17 -0.01	50.83 3.55 0.00	48.25 3.20 0.00	47.47 3.02 0.00	48.85 3.15 0.00	54.47 3.94 0.00	76.94 3.80 0.00	88.94 3.26 0.00	67.10 3.13 0.00	60.94 4.77 0.00	55.15 4.83 0.00	50.42 4.58 -0.01	50.97 4.63 0.00	53.21 4.97 -0.01	53.27 4.71 -0.02	60.65 5.26 -0.04	77.78 6.55 -0.04	88.30 7.06 0.00	78.89 6.85 -0.01	73.61 6.50 -0.81	65.84 5.58 -0.24	64.87 5.27 -5.25	54.20 4.93 -0.02	51.18 4.39 -2.06
HOLTSVILLE_IC_5 23694	54.96 4.17 -0.01	50.83 3.55 0.00	48.25 3.20 0.00	47.47 3.02 0.00	48.85 3.15 0.00	54.47 3.94 0.00	76.94 3.80 0.00	88.94 3.26 0.00	67.10 3.13 0.00	60.94 4.77 0.00	55.15 4.83 0.00	50.42 4.58 -0.01	50.97 4.63 0.00	53.21 4.97 -0.01	53.27 4.71 -0.02	60.65 5.26 -0.04	77.78 6.55 -0.04	88.30 7.06 0.00	78.89 6.85 -0.01	73.61 6.50 -0.81	65.84 5.58 -0.24	64.87 5.27 -5.25	54.20 4.93 -0.02	51.18 4.39 -2.06
HOLTSVILLE_IC_6 23695	55.31 4.52 -0.01	51.11 3.83 0.00	48.52 3.47 0.00	47.74 3.29 0.00	49.13 3.43 0.00	54.78 4.25 0.00	77.46 4.31 0.00	89.45 3.77 0.00	67.55 3.58 0.00	61.27 5.11 0.00	55.45 5.13 0.00	50.69 4.86 -0.01	51.24 4.91 0.00	53.54 5.31 -0.01	53.61 5.05 -0.02	60.97 5.59 -0.04	78.35 7.12 -0.04	88.96 7.72 0.00	79.53 7.49 -0.01	74.11 7.02 -0.79	66.26 6.00 -0.24	65.11 5.65 -5.10	54.55 5.27 -0.02	51.44 4.65 -2.06
HOLTSVILLE_IC_7 23696	55.31 4.52 -0.01	51.11 3.83 0.00	48.52 3.47 0.00	47.74 3.29 0.00	49.13 3.43 0.00	54.78 4.25 0.00	77.46 4.31 0.00	89.45 3.77 0.00	67.55 3.58 0.00	61.27 5.11 0.00	55.45 5.13 0.00	50.69 4.86 -0.01	51.24 4.91 0.00	53.54 5.31 -0.01	53.61 5.05 -0.02	60.97 5.59 -0.04	78.35 7.12 -0.04	88.96 7.72 0.00	79.53 7.49 -0.01	74.11 7.02 -0.79	66.26 6.00 -0.24	65.11 5.65 -5.10	54.55 5.27 -0.02	51.44 4.65 -2.06
HOLTSVILLE_IC_8 23697	55.31 4.52 -0.01	51.11 3.83 0.00	48.52 3.47 0.00	47.74 3.29 0.00	49.13 3.43 0.00	54.78 4.25 0.00	77.46 4.31 0.00	89.45 3.77 0.00	67.55 3.58 0.00	61.27 5.11 0.00	55.45 5.13 0.00	50.69 4.86 -0.01	51.24 4.91 0.00	53.54 5.31 -0.01	53.61 5.05 -0.02	60.97 5.59 -0.04	78.35 7.12 -0.04	88.96 7.72 0.00	79.53 7.49 -0.01	74.11 7.02 -0.79	66.26 6.00 -0.24	65.11 5.65 -5.10	54.55 5.27 -0.02	51.44 4.65 -2.06
HOLTSVILLE_IC_9 23698	55.31 4.52 -0.01	51.11 3.83 0.00	48.52 3.47 0.00	47.74 3.29 0.00	49.13 3.43 0.00	54.78 4.25 0.00	77.46 4.31 0.00	89.45 3.77 0.00	67.55 3.58 0.00	61.27 5.11 0.00	55.45 5.13 0.00	50.69 4.86 -0.01	51.24 4.91 0.00	53.54 5.31 -0.01	53.61 5.05 -0.02	60.97 5.59 -0.04	78.35 7.12 -0.04	88.96 7.72 0.00	79.53 7.49 -0.01	74.11 7.02 -0.79	66.26 6.00 -0.24	65.11 5.65 -5.10	54.55 5.27 -0.02	51.44 4.65 -2.06
HOMER_HL_115KV_TB2 355744	50.48 -0.30 0.00	47.38 0.09 0.00	45.01 -0.05 0.00	44.72 0.27 0.00	45.74 0.05 0.00	49.37 -1.16 0.00	70.07 -3.07 0.00	81.82 -3.86 0.00	60.64 -3.33 0.00	53.92 -2.25 0.00	48.76 -1.56 0.00	44.55 -1.28 0.00	44.80 -1.53 0.00	46.30 -1.93 0.00	46.26 -2.28 0.00	52.13 -3.21 0.01	67.21 -3.99 0.00	77.42 -3.82 0.00	69.01 -3.03 0.00	61.76 -4.57 -0.03	55.42 -4.62 -0.03	48.97 -5.60 -0.21	47.09 -2.17 0.00	41.64 -3.40 -0.31
HOWARD_WT_PWR 323690	51.60 0.81 0.00	48.32 1.04 0.00	45.91 0.85 0.00	45.47 1.02 0.00	46.61 0.91 0.00	50.48 -0.05 0.00	71.53 -1.61 0.00	84.05 -1.63 0.00	61.22 -2.75 0.00	54.42 -1.74 0.00	48.96 -1.36 0.00	44.73 -1.10 0.00	44.94 -1.39 0.00	46.59 -1.64 0.00	46.55 -1.99 0.00	52.56 -2.77 0.02	68.06 -3.13 0.00	77.66 -3.57 0.00	69.45 -2.59 0.00	63.16 -3.18 -0.04	55.85 -4.20 -0.04	50.73 -3.91 -0.29	47.04 -2.22 0.00	42.60 -2.55 -0.41
HQ_GEN_CEDARS 23644	52.06 1.27 0.00	48.18 0.90 0.00	45.95 0.90 0.00	45.30 0.84 0.00	46.66 0.96 0.00	50.48 -0.05 0.00	72.56 -0.59 0.00	85.51 -0.17 0.00	63.39 -0.58 0.00	56.11 -0.06 0.00	50.16 -0.15 0.00	45.37 -0.46 0.00	45.96 -0.37 0.00	47.89 -0.34 0.00	48.50 -0.05 0.00	55.18 -0.17 0.00	70.20 -1.00 0.00	79.61 -1.62 0.00	70.31 -1.73 0.00	65.17 -1.13 0.00	59.11 -0.90 0.00	54.63 0.27 0.00	48.57 -0.69 0.00	44.51 -0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	52.06 1.27 0.00	48.18 0.90 0.00	45.95 0.90 0.00	45.29 0.84 0.00	46.66 0.96 0.00	50.48 -0.05 0.00	72.56 -0.59 0.00	85.51 -0.17 0.00	63.39 -0.58 0.00	54.87 -1.29 0.00	50.16 -0.15 0.00	45.37 -0.46 0.00	46.01 -0.32 0.00	47.90 -0.34 0.00	48.50 -0.05 0.00	54.85 -0.50 0.00	70.20 -1.00 0.00	79.61 -1.62 0.00	70.31 -1.73 0.00	65.17 -1.13 0.00	59.23 -0.78 0.00	54.63 0.27 0.00	48.57 -0.69 0.00	44.51 -0.22 0.00

HQ_GEN_IMPORT 323601	50.79 0.00 0.00	47.29 0.00 0.00	45.05 0.00 0.00	44.45 0.00 0.00	45.70 0.00 0.00	50.53 0.00 0.00	73.14 0.00 0.00	85.68 0.00 0.00	63.97 0.00 0.00	56.16 0.00 0.00	50.32 0.00 0.00	45.83 0.00 0.00	46.33 0.00 0.00	48.23 0.00 0.00	48.55 0.00 0.00	55.35 0.00 0.00	71.20 0.00 0.00	81.23 0.00 0.00	72.04 0.00 0.00	66.30 0.00 0.00	60.01 0.00 0.00	54.36 0.00 0.00	49.26 0.00 0.00	44.73 0.00 0.00
HQ_GEN_WHEEL 23651	50.79 0.00 0.00	47.29 0.00 0.00	45.05 0.00 0.00	44.45 0.00 0.00	45.70 0.00 0.00	50.53 0.00 0.00	73.14 0.00 0.00	85.68 0.00 0.00	63.97 0.00 0.00	56.16 0.00 0.00	50.32 0.00 0.00	45.83 0.00 0.00	46.33 0.00 0.00	48.23 0.00 0.00	48.55 0.00 0.00	55.35 0.00 0.00	71.20 0.00 0.00	81.23 0.00 0.00	72.04 0.00 0.00	66.30 0.00 0.00	60.01 0.00 0.00	54.36 0.00 0.00	49.26 0.00 0.00	44.73 0.00 0.00
HUDSON AVE_GT_3 23810	53.23 2.44 0.00	49.37 2.08 0.00	46.99 1.94 0.00	46.27 1.82 0.00	47.62 1.92 0.00	53.16 2.63 0.00	77.17 4.02 0.00	90.14 4.46 0.00	67.93 3.97 0.00	60.36 3.59 -0.60	53.90 3.57 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.72 3.47 -0.02	52.01 3.45 -0.02	62.53 3.99 -3.19	76.04 4.84 0.00	86.76 5.52 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.24 4.02 -0.20	59.47 3.70 -1.42	52.66 3.40 0.00	49.73 2.95 -2.04
HUDSON AVE_GT_4 23540	53.23 2.44 0.00	49.37 2.08 0.00	46.99 1.94 0.00	46.27 1.82 0.00	47.62 1.92 0.00	53.16 2.63 0.00	77.17 4.02 0.00	90.14 4.46 0.00	67.93 3.97 0.00	60.36 3.59 -0.60	53.90 3.57 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.72 3.47 -0.02	52.01 3.45 -0.02	62.53 3.99 -3.19	76.04 4.84 0.00	86.76 5.52 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.24 4.02 -0.20	59.47 3.70 -1.42	52.66 3.40 0.00	49.73 2.95 -2.04
HUDSON AVE_GT_5 23657	53.23 2.44 0.00	49.37 2.08 0.00	46.99 1.94 0.00	46.27 1.82 0.00	47.62 1.92 0.00	53.16 2.63 0.00	77.17 4.02 0.00	90.14 4.46 0.00	67.93 3.97 0.00	60.36 3.59 -0.60	53.90 3.57 -0.02	49.19 3.35 -0.02	49.73 3.38 -0.02	51.72 3.47 -0.02	52.01 3.45 -0.02	62.53 3.99 -3.19	76.04 4.84 0.00	86.76 5.52 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.24 4.02 -0.20	59.47 3.70 -1.42	52.66 3.40 0.00	49.73 2.95 -2.04
HUDSON_AVE_10 24168	53.07 2.29 0.00	49.22 1.94 0.00	46.85 1.80 0.00	46.10 1.64 0.00	47.43 1.74 0.00	53.01 2.48 0.00	76.95 3.80 0.00	89.88 4.20 0.00	67.74 3.77 0.00	60.25 3.48 -0.60	53.75 3.42 -0.02	49.01 3.16 -0.02	49.59 3.24 -0.02	51.57 3.33 -0.02	51.86 3.30 -0.02	62.36 3.82 -3.19	75.82 4.63 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.12 3.90 -0.20	59.37 3.59 -1.42	52.51 3.25 0.00	49.64 2.86 -2.04
HUDSON___115KV_TB 4 355613	53.48 2.69 0.00	49.93 2.65 0.00	47.49 2.43 0.00	46.94 2.49 0.00	48.21 2.51 0.00	53.56 3.03 0.00	78.12 4.97 0.00	91.16 5.48 0.00	67.48 3.52 0.00	58.41 2.25 0.00	52.03 1.71 0.00	47.16 1.33 0.00	47.58 1.25 0.00	49.63 1.40 0.00	50.05 1.50 0.00	57.67 2.32 0.00	74.75 3.56 0.00	86.03 4.79 0.00	76.29 4.25 0.00	70.41 3.85 -0.26	63.74 3.48 -0.24	58.72 2.66 -1.70	52.16 2.91 0.00	49.32 2.15 -2.44
HUNTER MOUNT___DRP 323613	53.23 2.44 0.00	49.65 2.36 0.00	47.31 2.25 0.00	46.72 2.27 0.00	47.98 2.28 0.00	53.31 2.78 0.00	77.75 4.61 0.00	90.74 5.06 0.00	67.16 3.20 0.00	58.13 1.97 0.00	51.72 1.41 0.00	46.93 1.10 0.00	47.35 1.02 0.00	49.34 1.11 0.00	49.76 1.21 0.00	57.34 1.99 0.00	74.33 3.13 0.00	85.46 4.22 0.00	75.78 3.75 0.00	69.94 3.38 -0.26	63.37 3.12 -0.24	58.20 2.17 -1.67	51.87 2.61 0.00	48.93 1.79 -2.41
HUNTINGTON_RES_REC 323705	54.76 3.96 -0.01	50.69 3.41 0.00	48.07 3.02 0.00	47.30 2.85 0.00	48.67 2.97 0.00	54.27 3.74 0.00	76.65 3.51 0.00	88.50 2.82 0.00	66.78 2.81 0.00	60.77 4.61 0.00	54.94 4.63 0.00	50.24 4.40 -0.01	50.83 4.49 0.00	53.06 4.82 -0.01	53.12 4.56 -0.02	60.31 4.98 0.02	77.37 6.19 0.02	87.97 6.74 0.00	78.60 6.55 -0.01	72.51 6.23 0.02	65.48 5.28 -0.19	59.21 5.06 0.21	54.05 4.78 -0.02	50.99 4.20 -2.06
HUNTLEY___63 23557	50.18 -0.61 0.00	47.05 -0.24 0.00	44.83 -0.23 0.00	44.41 -0.04 0.00	45.42 -0.27 0.00	48.46 -2.07 0.00	67.73 -5.41 0.00	80.03 -5.65 0.00	59.10 -4.86 0.00	52.96 -3.20 0.00	47.75 -2.57 0.00	43.63 -2.20 0.00	43.97 -2.36 0.00	45.53 -2.70 0.00	45.54 -3.01 0.00	50.91 -4.43 0.01	65.43 -5.77 0.00	75.06 -6.17 0.00	66.78 -5.26 0.00	60.82 -5.50 -0.03	55.00 -5.04 -0.03	49.92 -4.62 -0.18	46.20 -3.05 0.00	42.22 -2.77 -0.26
HUNTLEY___64 23558	50.18 -0.61 0.00	47.05 -0.24 0.00	44.83 -0.23 0.00	44.41 -0.04 0.00	45.42 -0.27 0.00	48.46 -2.07 0.00	67.73 -5.41 0.00	80.03 -5.65 0.00	59.10 -4.86 0.00	52.96 -3.20 0.00	47.75 -2.57 0.00	43.63 -2.20 0.00	43.97 -2.36 0.00	45.53 -2.70 0.00	45.54 -3.01 0.00	50.91 -4.43 0.01	65.43 -5.77 0.00	75.06 -6.17 0.00	66.78 -5.26 0.00	60.82 -5.50 -0.03	55.00 -5.04 -0.03	49.92 -4.62 -0.18	46.20 -3.05 0.00	42.22 -2.77 -0.26
HUNTLEY___65 23559	50.18 -0.61 0.00	47.05 -0.24 0.00	44.83 -0.23 0.00	44.41 -0.04 0.00	45.42 -0.27 0.00	48.46 -2.07 0.00	67.73 -5.41 0.00	80.03 -5.65 0.00	59.10 -4.86 0.00	52.96 -3.20 0.00	47.75 -2.57 0.00	43.63 -2.20 0.00	43.97 -2.36 0.00	45.53 -2.70 0.00	45.54 -3.01 0.00	50.91 -4.43 0.01	65.43 -5.77 0.00	75.06 -6.17 0.00	66.78 -5.26 0.00	60.82 -5.50 -0.03	55.00 -5.04 -0.03	49.92 -4.62 -0.18	46.20 -3.05 0.00	42.22 -2.77 -0.26
HUNTLEY___66 23560	50.18 -0.61 0.00	47.05 -0.24 0.00	44.83 -0.23 0.00	44.41 -0.04 0.00	45.42 -0.27 0.00	48.46 -2.07 0.00	67.73 -5.41 0.00	80.03 -5.65 0.00	59.10 -4.86 0.00	52.96 -3.20 0.00	47.75 -2.57 0.00	43.63 -2.20 0.00	43.97 -2.36 0.00	45.53 -2.70 0.00	45.54 -3.01 0.00	50.91 -4.43 0.01	65.43 -5.77 0.00	75.06 -6.17 0.00	66.78 -5.26 0.00	60.82 -5.50 -0.03	55.00 -5.04 -0.03	49.92 -4.62 -0.18	46.20 -3.05 0.00	42.22 -2.77 -0.26
HUNTLEY___67 23561	49.92 -0.86 0.00	46.81 -0.47 0.00	44.51 -0.54 0.00	44.18 -0.27 0.00	45.20 -0.50 0.00	48.41 -2.12 0.00	67.58 -5.56 0.00	79.77 -5.91 0.00	58.98 -4.99 0.00	52.91 -3.26 0.00	47.65 -2.67 0.00	43.59 -2.25 0.00	43.92 -2.41 0.00	45.48 -2.75 0.00	45.49 -3.06 0.00	50.86 -4.48 0.01	65.29 -5.91 0.00	74.98 -6.26 0.00	66.70 -5.33 0.00	60.76 -5.57 -0.03	54.88 -5.16 -0.03	49.76 -4.78 -0.19	46.16 -3.10 0.00	42.14 -2.86 -0.27
HUNTLEY___68 23562	49.92 -0.86 0.00	46.81 -0.47 0.00	44.51 -0.54 0.00	44.18 -0.27 0.00	45.20 -0.50 0.00	48.41 -2.12 0.00	67.58 -5.56 0.00	79.77 -5.91 0.00	58.98 -4.99 0.00	52.91 -3.26 0.00	47.65 -2.67 0.00	43.59 -2.25 0.00	43.92 -2.41 0.00	45.48 -2.75 0.00	45.49 -3.06 0.00	50.86 -4.48 0.01	65.29 -5.91 0.00	74.98 -6.26 0.00	66.70 -5.33 0.00	60.76 -5.57 -0.03	54.88 -5.16 -0.03	49.76 -4.78 -0.19	46.16 -3.10 0.00	42.14 -2.86 -0.27

HYLAND___LFGE 323620	53.13 2.34 0.00	49.65 2.36 0.00	47.13 2.07 0.00	46.67 2.22 0.00	47.94 2.24 0.00	52.15 1.62 0.00	74.53 1.39 0.00	87.99 2.31 0.00	63.84 -0.13 0.00	55.77 -0.39 0.00	49.76 -0.55 0.00	45.19 -0.64 0.00	45.41 -0.93 0.00	47.07 -1.16 0.00	47.24 -1.31 0.00	53.68 -1.66 0.01	70.34 -0.85 0.00	81.56 0.33 0.00	73.26 1.22 0.00	67.13 0.80 -0.03	60.29 0.24 -0.03	54.42 -0.16 -0.22	49.75 0.49 0.00	45.19 0.13 -0.32
INDECK___CORINTH 23802	53.99 3.20 0.00	50.41 3.12 0.00	47.89 2.84 0.00	47.30 2.85 0.00	48.63 2.93 0.00	54.07 3.54 0.00	78.70 5.56 0.00	92.19 6.51 0.00	68.51 4.54 0.00	59.70 3.54 0.00	53.08 2.77 0.00	48.17 2.34 0.00	48.51 2.18 0.00	50.35 2.12 0.00	50.78 2.23 0.00	58.56 3.21 0.00	75.68 4.49 0.00	86.92 5.68 0.00	76.94 4.90 0.00	70.89 4.31 -0.28	64.48 4.20 -0.26	59.94 3.75 -1.83	52.61 3.35 0.00	50.27 2.91 -2.63
INDECK___ILION 23567	52.57 1.78 0.00	48.99 1.70 0.00	46.63 1.58 0.00	46.01 1.56 0.00	47.30 1.60 0.00	52.30 1.77 0.00	75.78 2.63 0.00	88.85 3.17 0.00	66.20 2.24 0.00	58.13 1.97 0.00	52.03 1.71 0.00	47.39 1.56 0.00	47.86 1.53 0.00	49.82 1.59 0.00	50.15 1.60 0.00	57.29 1.94 0.00	73.62 2.42 0.00	83.92 2.68 0.00	74.27 2.23 0.00	68.29 1.99 0.00	61.87 1.86 0.00	56.04 1.69 0.00	50.79 1.53 0.00	46.16 1.43 0.00
INDECK___OLEAN 23982	50.49 -0.30 0.00	47.38 0.09 0.00	45.10 0.05 0.00	44.72 0.27 0.00	45.74 0.05 0.00	49.37 -1.16 0.00	70.07 -3.07 0.00	81.83 -3.85 0.00	60.64 -3.33 0.00	54.09 -2.08 0.00	48.76 -1.56 0.00	44.50 -1.33 0.00	44.81 -1.53 0.00	46.30 -1.93 0.00	46.26 -2.28 0.00	52.07 -3.27 0.01	67.21 -3.99 0.00	77.18 -4.06 0.00	68.94 -3.10 0.00	62.22 -4.11 -0.03	54.10 -5.94 -0.03	48.98 -5.60 -0.22	47.09 -2.17 0.00	41.65 -3.40 -0.32
INDECK___OSWEGO 23783	49.31 -1.47 0.00	45.91 -1.37 0.00	43.70 -1.35 0.00	43.16 -1.29 0.00	44.37 -1.33 0.00	49.02 -1.51 0.00	70.88 -2.27 0.00	83.28 -4.80 0.00	62.05 -1.92 0.00	54.48 -1.68 0.00	48.76 -1.56 0.00	44.36 -1.47 0.00	44.85 -1.48 0.00	46.69 -1.55 0.00	46.99 -1.56 0.00	53.52 -1.83 0.00	68.91 -2.28 0.00	78.63 -2.60 0.00	69.80 -2.23 0.00	64.26 -2.06 -0.02	58.17 -1.86 -0.02	52.73 -1.74 -0.11	47.63 -1.62 0.00	43.42 -1.48 -0.16
INDECK___YERKES 23781	50.23 -0.56 0.00	47.10 -0.19 0.00	44.78 -0.27 0.00	44.45 0.00 0.00	45.47 -0.23 0.00	48.51 -2.02 0.00	67.73 -5.41 0.00	80.11 -5.57 0.00	59.17 -4.80 0.00	53.08 -3.09 0.00	47.80 -2.51 0.00	43.68 -2.15 0.00	43.97 -2.36 0.00	45.58 -2.65 0.00	45.58 -2.96 0.00	50.91 -4.43 0.01	65.50 -5.70 0.00	74.82 -6.42 0.00	66.78 -5.26 0.00	60.76 -5.57 -0.03	54.82 -5.22 -0.03	49.93 -4.62 -0.19	46.25 -3.01 0.00	42.28 -2.73 -0.27
INDIAN POINT_GT_1 24139	52.77 1.98 0.00	48.99 1.70 0.00	46.67 1.62 0.00	45.96 1.51 0.00	47.30 1.60 0.00	52.75 2.22 0.00	76.73 3.58 0.00	89.45 3.77 0.00	67.23 3.26 0.00	59.08 2.92 0.00	53.28 2.97 0.00	48.58 2.75 0.00	49.11 2.78 0.00	51.08 2.85 0.00	51.36 2.82 0.00	58.61 3.27 0.00	75.25 4.06 0.00	85.86 4.63 0.00	76.21 4.18 0.00	70.43 3.91 -0.22	63.70 3.48 -0.20	58.86 3.10 -1.41	52.12 2.86 0.00	49.26 2.50 -2.02
INDIAN POINT_GT_2 23659	52.77 1.98 0.00	48.99 1.70 0.00	46.67 1.62 0.00	45.96 1.51 0.00	47.30 1.60 0.00	52.75 2.22 0.00	76.73 3.58 0.00	89.45 3.77 0.00	67.23 3.26 0.00	59.08 2.92 0.00	53.28 2.97 0.00	48.58 2.75 0.00	49.11 2.78 0.00	51.08 2.85 0.00	51.36 2.82 0.00	58.61 3.27 0.00	75.25 4.06 0.00	85.86 4.63 0.00	76.21 4.18 0.00	70.43 3.91 -0.22	63.70 3.48 -0.20	58.86 3.10 -1.41	52.12 2.86 0.00	49.26 2.50 -2.02
INDIAN POINT_GT_3 24019	52.77 1.98 0.00	48.99 1.70 0.00	46.67 1.62 0.00	45.96 1.51 0.00	47.30 1.60 0.00	52.75 2.22 0.00	76.73 3.58 0.00	89.45 3.77 0.00	67.23 3.26 0.00	59.08 2.92 0.00	53.28 2.97 0.00	48.58 2.75 0.00	49.11 2.78 0.00	51.08 2.85 0.00	51.36 2.82 0.00	58.61 3.27 0.00	75.25 4.06 0.00	85.86 4.63 0.00	76.21 4.18 0.00	70.43 3.91 -0.22	63.70 3.48 -0.20	58.86 3.10 -1.41	52.12 2.86 0.00	49.26 2.50 -2.02
INDIAN POINT___2 23530	52.72 1.93 0.00	48.99 1.70 0.00	46.63 1.58 0.00	45.96 1.51 0.00	47.25 1.55 0.00	52.70 2.17 0.00	76.65 3.51 0.00	89.36 3.68 0.00	67.16 3.20 0.00	59.14 2.97 0.00	53.23 2.92 0.00	48.49 2.66 0.00	49.11 2.78 0.00	51.08 2.84 0.00	51.36 2.81 0.00	58.56 3.21 0.00	75.11 3.91 0.00	85.86 4.63 0.00	76.14 4.10 0.00	70.36 3.84 -0.21	63.57 3.36 -0.20	58.79 3.04 -1.39	52.07 2.81 0.00	49.23 2.50 -2.00
INDIAN POINT___3 23531	52.72 1.93 0.00	48.99 1.70 0.00	46.63 1.58 0.00	45.96 1.51 0.00	47.25 1.55 0.00	52.70 2.17 0.00	76.65 3.51 0.00	89.36 3.68 0.00	67.16 3.20 0.00	59.03 2.86 0.00	53.23 2.92 0.00	48.54 2.70 0.00	49.07 2.73 0.00	51.08 2.85 0.00	51.36 2.82 0.00	58.56 3.21 0.00	75.18 3.99 0.00	85.78 4.55 0.00	76.07 4.03 0.00	70.29 3.78 -0.22	63.58 3.36 -0.20	58.81 3.04 -1.41	52.07 2.81 0.00	49.22 2.46 -2.02
INGHAM_C_115KV_TB7 356103	54.65 3.86 0.00	50.93 3.64 0.00	48.48 3.42 0.00	47.83 3.38 0.00	49.17 3.47 0.00	54.37 3.84 0.00	78.78 5.63 0.00	92.36 6.68 0.00	68.70 4.73 0.00	60.32 4.16 0.00	54.04 3.72 0.00	49.22 3.39 0.00	49.72 3.38 0.00	51.70 3.47 0.00	52.04 3.50 0.00	59.44 4.10 0.00	76.32 5.13 0.00	86.92 5.69 0.00	76.86 4.83 0.00	70.67 4.38 0.00	63.97 3.96 0.00	58.05 3.70 0.00	52.71 3.45 0.00	47.91 3.18 0.00
IP CORINTH___1 23988	53.99 3.20 0.00	50.41 3.12 0.00	47.89 2.84 0.00	47.30 2.84 0.00	48.62 2.92 0.00	54.07 3.54 0.00	78.70 5.56 0.00	92.19 6.51 0.00	68.51 4.54 0.00	59.65 3.48 0.00	53.08 2.77 0.00	48.12 2.29 0.00	48.46 2.13 0.00	50.35 2.12 0.00	50.78 2.23 0.00	58.56 3.21 0.00	75.68 4.49 0.00	86.92 5.69 0.00	76.93 4.90 0.00	70.89 4.31 -0.28	64.54 4.26 -0.26	59.94 3.75 -1.83	52.61 3.35 0.00	50.27 2.91 -2.63
IP___TICONDEROGA 23804	56.17 5.38 0.00	52.53 5.25 0.00	49.74 4.69 0.00	49.25 4.80 0.00	50.63 4.94 0.00	56.44 5.91 0.00	82.51 9.36 0.00	96.56 10.88 0.00	71.26 7.29 0.00	61.67 5.50 0.00	54.79 4.48 0.00	49.50 3.67 0.00	49.62 3.29 0.00	51.51 3.28 0.00	52.04 3.50 0.00	60.44 5.09 0.00	78.53 7.33 0.00	90.58 9.34 0.00	80.25 8.21 0.00	73.81 7.23 -0.28	67.24 6.96 -0.26	62.33 6.14 -1.83	54.63 5.37 0.00	52.06 4.70 -2.63
ISLIP_RES_REC 323679	55.57 4.77 -0.01	51.35 4.07 0.00	48.70 3.65 0.00	47.92 3.47 0.00	49.36 3.66 0.00	54.98 4.45 0.00	77.89 4.75 0.00	89.96 4.28 0.00	67.87 3.90 0.00	61.56 5.39 0.00	55.70 5.39 0.00	50.93 5.09 -0.01	51.48 5.14 0.00	53.78 5.54 -0.01	53.90 5.34 -0.02	61.31 5.93 -0.03	78.85 7.62 -0.03	89.52 8.29 0.00	80.04 8.00 -0.01	74.38 7.36 -0.72	66.61 6.36 -0.24	65.03 5.98 -4.70	54.79 5.52 -0.02	51.67 4.88 -2.06

JAMAICA__27_KV_LOAD 355505	53.23 2.44 0.00	49.32 2.03 0.00	46.90 1.85 0.00	46.10 1.64 0.00	47.48 1.78 0.00	53.16 2.63 0.00	77.09 3.95 0.00	90.05 4.37 0.00	67.87 3.90 0.00	60.58 3.82 -0.60	53.75 3.42 -0.02	49.06 3.21 -0.02	49.59 3.24 -0.02	51.53 3.28 -0.02	51.86 3.30 -0.02	62.78 4.21 -3.22	76.18 4.98 0.00	86.92 5.69 0.00	77.08 5.04 0.00	71.29 4.77 -0.22	64.36 4.14 -0.20	59.75 3.97 -1.42	52.76 3.50 0.00	49.77 3.00 -2.04
JANIS__SOLAR 323808	53.13 2.34 0.00	49.55 2.27 0.00	47.08 2.03 0.00	46.40 1.95 0.00	47.80 2.10 0.00	52.91 2.38 0.00	76.80 3.66 0.00	90.73 5.05 0.00	66.59 2.62 0.00	58.01 1.85 0.00	51.47 1.16 0.00	46.75 0.92 0.00	47.12 0.79 0.00	49.15 0.91 0.00	49.57 1.02 0.00	56.91 1.55 -0.01	73.83 2.64 0.00	84.49 3.25 0.00	74.99 2.95 0.00	69.08 2.72 -0.06	62.23 2.16 -0.06	56.39 1.63 -0.40	50.79 1.53 0.00	46.52 1.21 -0.58
JARVIS____ 23743	50.99 0.20 0.00	47.48 0.19 0.00	45.23 0.18 0.00	44.63 0.18 0.00	45.88 0.18 0.00	50.73 0.20 0.00	73.51 0.37 0.00	86.11 0.43 0.00	64.29 0.32 0.00	56.39 0.23 0.00	50.52 0.20 0.00	46.02 0.18 0.00	46.52 0.19 0.00	48.42 0.19 0.00	48.74 0.19 0.00	55.63 0.28 0.00	71.55 0.36 0.00	81.56 0.33 0.00	72.25 0.22 0.00	66.56 0.27 0.00	60.25 0.24 0.00	54.57 0.22 0.00	49.41 0.15 0.00	44.87 0.13 0.00
JENNISON____1 23625	53.33 2.54 0.00	49.74 2.46 0.00	47.26 2.21 0.00	46.58 2.13 0.00	47.94 2.24 0.00	53.16 2.63 0.00	77.31 4.17 0.00	91.34 5.65 0.00	67.36 3.39 0.00	58.80 2.64 0.00	52.33 2.01 0.00	47.62 1.79 0.00	48.00 1.67 0.00	49.97 1.74 0.00	50.34 1.80 0.00	57.62 2.27 0.00	74.47 3.27 0.00	85.05 3.82 0.00	75.21 3.17 0.00	69.23 2.85 -0.08	62.67 2.58 -0.07	56.73 1.85 -0.52	50.98 1.72 0.00	46.91 1.43 -0.75
JENNISON____2 23626	53.33 2.54 0.00	49.74 2.46 0.00	47.26 2.21 0.00	46.58 2.13 0.00	47.94 2.24 0.00	53.16 2.63 0.00	77.31 4.17 0.00	91.34 5.65 0.00	67.36 3.39 0.00	58.80 2.64 0.00	52.33 2.01 0.00	47.62 1.79 0.00	48.00 1.67 0.00	49.97 1.74 0.00	50.34 1.80 0.00	57.62 2.27 0.00	74.47 3.27 0.00	85.05 3.82 0.00	75.21 3.17 0.00	69.23 2.85 -0.08	62.67 2.58 -0.07	56.73 1.85 -0.52	50.98 1.72 0.00	46.91 1.43 -0.75
JERICOHO_RISE_WT_PWR 323719	51.50 0.71 0.00	47.71 0.42 0.00	45.46 0.40 0.00	44.85 0.40 0.00	46.20 0.50 0.00	49.98 -0.55 0.00	71.75 -1.39 0.00	84.66 -1.02 0.00	62.75 -1.22 0.00	54.36 -1.80 0.00	49.81 -0.50 0.00	45.05 -0.78 0.00	45.68 -0.65 0.00	47.51 -0.72 0.00	48.11 -0.44 0.00	54.41 -0.94 0.00	69.49 -1.71 0.00	78.88 -2.36 0.00	69.66 -2.38 0.00	64.71 -1.59 0.00	58.81 -1.20 0.00	54.30 -0.05 0.00	48.17 -1.08 0.00	43.97 -0.76 0.00
KATONAH__115KV_46KV_TB4 355592	52.97 2.18 0.00	49.22 1.94 0.00	46.85 1.80 0.00	46.18 1.73 0.00	47.53 1.83 0.00	53.06 2.53 0.00	77.31 4.17 0.00	90.22 4.54 0.00	67.61 3.65 0.00	59.31 3.15 0.00	53.49 3.17 0.00	48.72 2.89 0.00	49.21 2.87 0.00	51.22 2.99 0.00	51.46 2.91 0.00	58.89 3.54 0.00	75.61 4.41 0.00	86.27 5.04 0.00	76.65 4.61 0.00	70.90 4.38 -0.22	64.18 3.96 -0.21	59.22 3.42 -1.44	52.36 3.10 0.00	49.48 2.68 -2.07
KCE_NY_1 323755	53.38 2.59 0.00	49.74 2.46 0.00	47.30 2.25 0.00	46.72 2.27 0.00	48.03 2.33 0.00	53.31 2.78 0.00	77.46 4.31 0.00	90.65 4.97 0.00	67.48 3.52 0.00	58.92 2.75 0.00	52.48 2.16 0.00	47.67 1.84 0.00	48.09 1.76 0.00	50.06 1.83 0.00	50.49 1.94 0.00	58.06 2.71 0.00	74.97 3.77 0.00	85.86 4.63 0.00	76.07 4.03 0.00	70.16 3.58 -0.28	63.63 3.36 -0.26	59.23 3.04 -1.83	51.97 2.71 0.00	49.73 2.37 -2.63
KCE_NY_6_ESR 323823	50.59 -0.20 0.00	47.43 0.14 0.00	45.10 0.05 0.00	44.76 0.31 0.00	45.79 0.09 0.00	49.02 -1.51 0.00	68.76 -4.39 0.00	81.05 -4.63 0.00	59.87 -4.10 0.00	53.64 -2.53 0.00	48.30 -2.01 0.00	44.14 -1.69 0.00	44.43 -1.90 0.00	46.06 -2.17 0.00	46.02 -2.53 0.00	51.52 -3.82 0.01	66.35 -4.84 0.00	75.79 -5.44 0.00	67.64 -4.40 0.00	61.49 -4.84 -0.03	54.94 -5.10 -0.03	49.99 -4.57 -0.20	46.70 -2.56 0.00	42.29 -2.73 -0.29
KEDC_PORT_JEFF_GT2 24210	55.16 4.37 -0.01	50.98 3.69 0.00	48.34 3.29 0.00	47.56 3.11 0.00	48.99 3.29 0.00	54.57 4.04 0.00	77.02 3.87 0.00	88.42 2.74 0.00	67.23 3.26 0.00	61.11 4.94 0.00	55.30 4.98 0.00	50.52 4.68 -0.01	51.11 4.77 0.00	53.40 5.16 -0.01	53.46 4.90 -0.02	60.82 5.43 -0.04	77.72 6.48 -0.04	87.97 6.74 0.00	78.60 6.55 -0.01	73.78 6.63 -0.85	65.96 5.70 -0.25	65.30 5.44 -5.51	54.40 5.12 -0.02	51.31 4.52 -2.06
KEDC_PORT_JEFF_GT3 24211	55.16 4.37 -0.01	50.98 3.69 0.00	48.34 3.29 0.00	47.56 3.11 0.00	48.99 3.29 0.00	54.57 4.04 0.00	77.02 3.87 0.00	88.42 2.74 0.00	67.23 3.26 0.00	61.11 4.94 0.00	55.30 4.98 0.00	50.52 4.68 -0.01	51.11 4.77 0.00	53.40 5.16 -0.01	53.46 4.90 -0.02	60.82 5.43 -0.04	77.72 6.48 -0.04	87.97 6.74 0.00	78.60 6.55 -0.01	73.78 6.63 -0.85	65.96 5.70 -0.25	65.30 5.44 -5.51	54.40 5.12 -0.02	51.31 4.52 -2.06
KEDC_GLWD_GT4 24219	53.79 3.00 -0.01	49.88 2.60 0.00	47.44 2.39 0.00	46.67 2.22 0.00	48.03 2.33 0.00	53.56 3.03 0.00	77.16 4.02 0.00	89.79 4.11 0.00	67.48 3.52 0.00	60.09 3.93 0.00	54.24 3.93 0.00	49.50 3.67 -0.01	50.13 3.80 0.00	52.14 3.90 -0.01	52.30 3.74 -0.01	59.72 4.37 0.00	76.68 5.48 0.00	87.41 6.17 0.00	77.81 5.77 -0.01	71.83 5.31 -0.23	64.84 4.62 -0.20	60.08 4.29 -1.43	53.06 3.79 -0.01	50.14 3.36 -2.05
KEDC_GLWD_GT5 24220	53.79 3.00 -0.01	49.88 2.60 0.00	47.44 2.39 0.00	46.67 2.22 0.00	48.03 2.33 0.00	53.56 3.03 0.00	77.16 4.02 0.00	89.79 4.11 0.00	67.48 3.52 0.00	60.09 3.93 0.00	54.24 3.93 0.00	49.50 3.67 -0.01	50.13 3.80 0.00	52.14 3.90 -0.01	52.30 3.74 -0.01	59.72 4.37 0.00	76.68 5.48 0.00	87.41 6.17 0.00	77.81 5.77 -0.01	71.83 5.31 -0.23	64.84 4.62 -0.20	60.08 4.29 -1.43	53.06 3.79 -0.01	50.14 3.36 -2.05
KENSICO____ 23655	52.87 2.08 0.00	49.13 1.84 0.00	46.76 1.71 0.00	46.05 1.60 0.00	47.39 1.69 0.00	52.85 2.32 0.00	76.87 3.73 0.00	89.62 3.94 0.00	67.36 3.39 0.00	59.25 3.09 0.00	53.43 3.12 0.00	48.72 2.89 0.00	49.25 2.92 0.00	51.27 3.04 0.00	51.56 3.01 0.00	58.78 3.43 0.00	75.47 4.27 0.00	86.11 4.87 0.00	76.36 4.32 0.00	70.56 4.04 -0.22	63.82 3.60 -0.20	59.04 3.26 -1.42	52.26 3.00 0.00	49.41 2.64 -2.04
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	53.33 2.54 0.00	49.60 2.32 0.00	47.21 2.16 0.00	46.50 2.04 0.00	47.85 2.15 0.00	53.36 2.83 0.00	77.82 4.68 0.00	90.74 5.06 0.00	67.87 3.90 0.00	59.37 3.20 0.00	53.33 3.02 0.00	48.54 2.70 0.00	49.07 2.73 0.00	51.03 2.80 0.00	51.36 2.82 0.00	58.72 3.38 0.00	75.61 4.41 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.88 4.38 -0.21	64.05 3.84 -0.20	59.15 3.42 -1.37	52.51 3.25 0.00	49.52 2.82 -1.97

KIAC_JFK_GT1 23816	52.87 2.08 0.00	49.03 1.75 0.00	46.63 1.58 0.00	45.87 1.42 0.00	47.21 1.51 0.00	52.85 2.32 0.00	76.29 3.15 0.00	89.19 3.51 0.00	67.23 3.26 0.00	60.25 3.48 -0.60	53.45 3.12 -0.02	48.83 2.98 -0.02	49.36 3.01 -0.02	51.29 3.04 -0.02	51.62 3.06 -0.02	62.44 3.87 -3.22	75.40 4.20 0.00	86.11 4.87 0.00	76.36 4.32 0.00	70.56 4.04 -0.22	63.76 3.54 -0.20	59.37 3.59 -1.42	52.46 3.20 0.00	49.50 2.73 -2.04
KIAC_JFK_GT2 23817	52.87 2.08 0.00	49.03 1.75 0.00	46.63 1.58 0.00	45.87 1.42 0.00	47.21 1.51 0.00	52.85 2.32 0.00	76.29 3.15 0.00	89.19 3.51 0.00	67.23 3.26 0.00	60.25 3.48 -0.60	53.45 3.12 -0.02	48.83 2.98 -0.02	49.36 3.01 -0.02	51.29 3.04 -0.02	51.62 3.06 -0.02	62.44 3.87 -3.22	75.40 4.20 0.00	86.11 4.87 0.00	76.36 4.32 0.00	70.56 4.04 -0.22	63.76 3.54 -0.20	59.37 3.59 -1.42	52.46 3.20 0.00	49.50 2.73 -2.04
KIAC_JFK____ 323774	52.87 2.08 0.00	49.04 1.75 0.00	46.63 1.58 0.00	45.87 1.42 0.00	47.20 1.51 0.00	52.86 2.33 0.00	76.29 3.14 0.00	89.19 3.51 0.00	67.23 3.26 -0.01	60.92 4.16 -0.60	53.45 3.12 -0.02	48.78 2.94 -0.02	49.59 3.24 -0.02	51.29 3.04 -0.02	51.62 3.06 -0.02	63.05 4.48 -3.22	75.39 4.20 0.00	86.11 4.87 0.00	76.36 4.32 0.00	70.56 4.04 -0.22	63.82 3.60 -0.20	59.37 3.59 -1.43	52.47 3.20 -0.01	49.50 2.73 -2.04
KINTIGH__24_KV_GSU 356498	49.62 -1.17 0.00	46.44 -0.85 0.00	44.20 -0.86 0.00	43.83 -0.62 0.00	44.88 -0.82 0.00	48.31 -2.22 0.00	67.88 -5.27 0.00	80.02 -5.66 0.00	59.36 -4.61 0.00	53.08 -3.09 0.00	47.70 -2.62 0.00	43.59 -2.24 0.00	43.92 -2.41 0.00	45.53 -2.70 0.00	45.58 -2.96 0.00	51.08 -4.26 0.01	65.71 -5.48 0.00	75.06 -6.18 0.00	66.92 -5.11 0.00	61.22 -5.10 -0.02	55.78 -4.26 -0.02	50.77 -3.75 -0.17	46.30 -2.95 0.00	42.69 -2.28 -0.24
KINTIGH____ 23543	49.62 -1.17 0.00	46.43 -0.85 0.00	44.20 -0.86 0.00	43.83 -0.62 0.00	44.88 -0.82 0.00	48.31 -2.22 0.00	67.88 -5.27 0.00	80.03 -5.65 0.00	59.36 -4.61 0.00	53.02 -3.15 0.00	47.70 -2.62 0.00	43.59 -2.25 0.00	43.92 -2.41 0.00	45.53 -2.70 0.00	45.58 -2.96 0.00	51.08 -4.26 0.01	65.71 -5.48 0.00	75.30 -5.93 0.00	66.99 -5.04 0.00	61.42 -4.91 -0.02	55.60 -4.44 -0.02	50.77 -3.75 -0.16	46.30 -2.96 0.00	42.68 -2.28 -0.23
KNTFSRNC_46_KV_46KV_LOAD 80397	52.11 1.32 0.00	48.18 0.90 0.00	45.95 0.90 0.00	45.30 0.84 0.00	46.70 1.01 0.00	50.38 -0.15 0.00	72.19 -0.95 0.00	85.00 -0.69 0.00	63.01 -0.96 0.00	56.11 -0.06 0.00	50.11 -0.20 0.00	45.28 -0.55 0.00	45.87 -0.46 0.00	47.75 0.00 0.00	48.35 -0.19 0.00	55.07 -0.28 0.00	69.77 -1.42 0.00	79.20 -2.03 0.00	70.02 -2.02 0.00	64.97 -1.33 0.00	59.11 -0.90 0.00	54.90 0.54 0.00	48.72 -0.54 0.00	44.42 -0.31 0.00
LACHUTE____HYDRO 323717	56.17 5.38 0.00	52.53 5.25 0.00	49.74 4.69 0.00	49.25 4.80 0.00	50.63 4.94 0.00	56.44 5.91 0.00	82.51 9.36 0.00	96.56 10.88 0.00	71.26 7.29 0.00	61.73 5.56 0.00	54.79 4.48 0.00	49.50 3.67 0.00	49.71 3.38 0.00	51.51 3.28 0.00	52.04 3.50 0.00	60.44 5.09 0.00	78.46 7.27 0.00	90.57 9.34 0.00	80.24 8.21 0.00	73.81 7.23 -0.28	67.17 6.90 -0.26	62.33 6.14 -1.83	54.63 5.37 0.00	52.06 4.70 -2.63
LAWRNCALV_115KV_TB1 80681	51.75 0.96 0.00	47.95 0.66 0.00	45.68 0.63 0.00	45.03 0.58 0.00	46.34 0.64 0.00	50.08 -0.45 0.00	71.90 -1.24 0.00	84.91 -0.77 0.00	62.88 -1.09 0.00	55.60 -0.56 0.00	49.61 -0.70 0.00	44.87 -0.96 0.00	45.41 -0.93 0.00	47.07 -1.16 0.00	47.67 -0.87 0.00	54.24 -1.11 0.00	68.92 -2.28 0.00	77.99 -3.25 0.00	68.79 -3.24 0.00	64.31 -1.99 0.00	58.40 -1.62 0.00	54.06 -0.33 -0.03	48.13 -1.13 0.00	44.23 -0.54 -0.04
LEDERLE____ 23769	52.97 2.18 0.00	49.22 1.94 0.00	46.90 1.85 0.00	46.18 1.73 0.00	47.48 1.78 0.00	52.96 2.43 0.00	77.09 3.95 0.00	89.88 4.20 0.00	67.55 3.58 0.00	59.37 3.20 0.00	53.54 3.22 0.00	48.76 2.93 0.00	49.30 2.97 0.00	51.27 3.04 0.00	51.56 3.01 0.00	58.84 3.49 0.00	75.54 4.34 0.00	86.27 5.04 0.00	76.50 4.47 0.00	70.69 4.18 -0.21	63.87 3.66 -0.20	59.05 3.32 -1.37	52.31 3.05 0.00	49.44 2.73 -1.98
LIGHTHSE_115KV_TB6 355974	49.82 -0.96 0.00	46.43 -0.85 0.00	44.15 -0.90 0.00	43.52 -0.93 0.00	44.78 -0.91 0.00	49.52 -1.01 0.00	71.75 -1.39 0.00	84.65 -1.03 0.00	62.69 -1.28 0.00	54.87 -1.29 0.00	49.01 -1.31 0.00	44.55 -1.28 0.00	44.99 -1.34 0.00	46.83 -1.40 0.00	47.14 -1.41 0.00	53.91 -1.44 0.00	69.34 -1.85 0.00	79.28 -1.95 0.00	70.23 -1.80 0.00	64.79 -1.52 -0.02	58.71 -1.32 -0.01	53.16 -1.30 -0.10	47.93 -1.33 0.00	43.67 -1.21 -0.15
LINDEN COGEN____ 23786	52.87 2.08 0.00	49.08 1.80 0.00	46.72 1.67 0.00	45.96 1.51 0.00	47.30 1.60 0.00	52.86 2.33 0.00	76.73 3.58 0.00	89.62 3.94 0.00	67.55 3.58 -0.01	60.25 3.48 -0.60	53.65 3.32 -0.02	48.87 3.02 -0.02	49.54 3.19 -0.02	51.48 3.23 -0.02	51.72 3.15 -0.02	62.31 3.77 -3.19	75.54 4.34 0.00	86.27 5.04 0.00	76.50 4.47 0.00	70.63 4.11 -0.22	63.82 3.60 -0.20	59.16 3.37 -1.43	52.37 3.11 -0.01	49.50 2.73 -2.04
LINDHRST_69_KV_BK1 356055	55.47 4.67 -0.01	51.30 4.02 0.00	48.66 3.60 0.00	47.87 3.42 0.00	49.26 3.56 0.00	54.88 4.35 0.00	78.19 5.05 0.00	90.74 5.06 0.00	68.00 4.03 0.00	60.99 4.83 0.00	55.55 5.23 0.00	50.83 5.00 -0.01	51.34 5.00 0.00	53.64 5.40 -0.01	53.71 5.15 -0.01	60.94 5.59 0.00	78.89 7.69 0.00	89.85 8.61 0.00	80.25 8.21 -0.01	73.79 7.23 -0.26	66.52 6.30 -0.21	61.83 5.82 -1.66	54.64 5.37 -0.01	51.53 4.74 -2.06
LIPA_MISC_IPP 23656	55.32 4.52 -0.01	51.12 3.83 0.00	48.48 3.42 0.00	47.74 3.29 0.00	49.13 3.43 0.00	54.77 4.24 0.00	77.53 4.39 0.00	89.54 3.86 0.00	67.55 3.58 0.00	60.83 4.66 0.00	55.45 5.13 0.00	50.70 4.86 -0.01	51.20 4.87 0.00	53.50 5.26 -0.01	53.61 5.05 -0.02	61.03 5.65 -0.04	78.78 7.55 -0.04	89.03 7.80 0.00	79.61 7.56 -0.01	74.26 7.16 -0.81	66.38 6.12 -0.24	65.36 5.76 -5.24	54.54 5.27 -0.02	51.44 4.65 -2.06
LISF____SOLAR 323691	55.42 4.62 -0.01	51.26 3.97 0.00	48.61 3.56 0.00	47.83 3.38 0.00	49.22 3.52 0.00	54.88 4.35 0.00	77.68 4.54 0.00	89.79 4.11 0.00	67.67 3.71 0.00	61.39 5.22 0.00	55.50 5.18 0.00	50.75 4.91 -0.01	51.29 4.96 0.00	53.59 5.35 -0.01	53.70 5.14 -0.02	61.20 5.81 -0.04	78.64 7.40 -0.04	89.28 8.04 0.00	79.90 7.85 -0.01	74.46 7.36 -0.80	66.56 6.30 -0.24	65.49 5.93 -5.21	54.69 5.42 -0.02	51.58 4.79 -2.06
LITTLE FALLS____HYD 24013	54.65 3.86 0.00	50.93 3.64 0.00	48.48 3.42 0.00	47.83 3.38 0.00	49.17 3.47 0.00	54.37 3.84 0.00	78.78 5.63 0.00	92.36 6.68 0.00	68.70 4.73 0.00	60.32 4.16 0.00	54.04 3.72 0.00	49.22 3.39 0.00	49.72 3.38 0.00	51.70 3.47 0.00	52.04 3.50 0.00	59.44 4.10 0.00	76.32 5.13 0.00	86.92 5.69 0.00	76.86 4.83 0.00	70.67 4.38 0.00	63.97 3.96 0.00	58.05 3.70 0.00	52.71 3.45 0.00	47.91 3.18 0.00

LITTLRIV_115KV_TB1 356100	52.36 1.57 0.00	48.56 1.28 0.00	46.22 1.17 0.00	45.56 1.11 0.00	46.89 1.19 0.00	50.68 0.15 0.00	73.00 -0.15 0.00	86.37 0.69 0.00	63.58 -0.38 0.00	56.05 -0.11 0.00	49.96 -0.35 0.00	45.10 -0.73 0.00	45.64 -0.70 0.00	47.31 -0.92 0.00	47.96 -0.58 0.00	54.68 -0.66 0.00	69.63 -1.57 0.00	78.96 -2.27 0.00	69.66 -2.38 0.00	65.18 -1.13 0.00	59.18 -0.84 0.00	54.71 0.33 -0.03	48.62 -0.64 0.00	44.73 -0.04 -0.04
LI_NEWBRDGE___DRP 323616	54.20 3.40 -0.01	50.17 2.88 0.00	47.62 2.57 0.00	46.85 2.40 0.00	48.26 2.56 0.00	53.76 3.23 0.00	76.43 3.29 0.00	88.68 3.00 0.00	66.65 2.69 0.00	59.81 3.65 0.00	54.44 4.13 0.00	49.83 3.99 -0.01	50.36 4.03 0.00	52.44 4.20 -0.01	52.40 3.84 -0.02	59.78 4.43 0.00	77.10 5.91 0.00	87.49 6.26 0.00	78.02 5.98 -0.01	72.09 5.57 -0.23	65.02 4.80 -0.20	60.30 4.51 -1.43	53.31 4.04 -0.02	50.41 3.62 -2.06
LOCKPORT_115KV_TB60_63_64 80432	50.18 -0.61 0.00	47.00 -0.28 0.00	44.33 -0.72 0.00	44.41 -0.04 0.00	45.42 -0.27 0.00	48.21 -2.32 0.00	67.36 -5.78 0.00	79.60 -6.08 0.00	58.78 -5.18 0.00	52.63 -3.54 0.00	47.40 -2.92 0.00	43.36 -2.47 0.00	43.65 -2.69 0.00	45.19 -3.04 0.00	45.20 -3.35 0.00	50.52 -4.82 0.01	65.00 -6.19 0.00	74.65 -6.58 0.00	66.42 -5.62 0.00	60.56 -5.77 -0.03	54.82 -5.22 -0.03	49.80 -4.73 -0.17	45.96 -3.30 0.00	42.08 -2.91 -0.25
LOCKPORT___CC1 323769	50.13 -0.66 0.00	46.96 -0.33 0.00	44.69 -0.36 0.00	44.36 -0.09 0.00	45.38 -0.32 0.00	48.26 -2.27 0.00	67.36 -5.78 0.00	79.60 -6.08 0.00	58.79 -5.18 0.00	52.68 -3.48 0.00	47.45 -2.87 0.00	43.36 -2.48 0.00	43.64 -2.69 0.00	45.19 -3.04 0.00	45.24 -3.30 0.00	50.53 -4.82 0.01	65.00 -6.19 0.00	74.25 -6.99 0.00	66.34 -5.69 0.00	60.42 -5.90 -0.03	54.64 -5.40 -0.03	49.76 -4.78 -0.18	46.01 -3.25 0.00	42.13 -2.86 -0.26
LOCKPORT___CC2 323770	50.13 -0.66 0.00	46.96 -0.33 0.00	44.69 -0.36 0.00	44.36 -0.09 0.00	45.38 -0.32 0.00	48.26 -2.27 0.00	67.36 -5.78 0.00	79.60 -6.08 0.00	58.79 -5.18 0.00	52.68 -3.48 0.00	47.45 -2.87 0.00	43.36 -2.48 0.00	43.64 -2.69 0.00	45.19 -3.04 0.00	45.24 -3.30 0.00	50.53 -4.82 0.01	65.00 -6.19 0.00	74.25 -6.99 0.00	66.34 -5.69 0.00	60.42 -5.90 -0.03	54.64 -5.40 -0.03	49.76 -4.78 -0.18	46.01 -3.25 0.00	42.13 -2.86 -0.26
LOCKPORT___CC3 323771	50.13 -0.66 0.00	46.96 -0.33 0.00	44.69 -0.36 0.00	44.36 -0.09 0.00	45.38 -0.32 0.00	48.26 -2.27 0.00	67.36 -5.78 0.00	79.60 -6.08 0.00	58.79 -5.18 0.00	52.68 -3.48 0.00	47.45 -2.87 0.00	43.36 -2.48 0.00	43.64 -2.69 0.00	45.19 -3.04 0.00	45.24 -3.30 0.00	50.53 -4.82 0.01	65.00 -6.19 0.00	74.25 -6.99 0.00	66.34 -5.69 0.00	60.42 -5.90 -0.03	54.64 -5.40 -0.03	49.76 -4.78 -0.18	46.01 -3.25 0.00	42.13 -2.86 -0.26
LOCUSVLY_69_KV_BK2 55797	54.30 3.50 -0.01	50.26 2.98 0.00	47.76 2.70 0.00	47.03 2.58 0.00	48.39 2.70 0.00	53.92 3.39 0.00	77.24 4.10 0.00	89.79 4.11 0.00	67.42 3.45 0.00	60.15 3.99 0.00	54.64 4.33 0.00	49.96 4.12 -0.01	50.50 4.17 0.00	52.63 4.39 -0.01	52.73 4.17 -0.01	60.11 4.76 0.00	77.46 6.27 0.00	87.98 6.74 0.00	78.38 6.34 -0.01	72.36 5.83 -0.23	65.32 5.10 -0.20	60.51 4.73 -1.43	53.51 4.24 -0.01	50.55 3.76 -2.06
LONG_LAKE_PHOENIX 24014	49.47 -1.32 0.00	46.10 -1.18 0.00	43.88 -1.17 0.00	43.30 -1.16 0.00	44.51 -1.19 0.00	49.22 -1.31 0.00	71.09 -2.05 0.00	83.54 -2.14 0.00	62.24 -1.73 0.00	54.65 -1.52 0.00	48.96 -1.36 0.00	44.59 -1.24 0.00	45.04 -1.30 0.00	46.88 -1.35 0.00	47.19 -1.36 0.00	53.69 -1.66 0.00	69.13 -2.06 0.00	78.96 -2.27 0.00	70.16 -1.87 0.00	64.53 -1.79 -0.02	58.35 -1.68 -0.02	52.90 -1.58 -0.12	47.83 -1.43 0.00	43.56 -1.34 -0.17
LOVETT___3 23632	52.72 1.93 0.00	48.99 1.70 0.00	46.63 1.58 0.00	45.92 1.47 0.00	47.25 1.55 0.00	52.70 2.17 0.00	76.65 3.51 0.00	89.36 3.68 0.00	67.16 3.20 0.00	59.03 2.86 0.00	53.23 2.92 0.00	48.54 2.70 0.00	49.07 2.73 0.00	51.08 2.85 0.00	51.36 2.82 0.00	58.56 3.21 0.00	75.18 3.99 0.00	85.78 4.55 0.00	76.14 4.11 0.00	70.29 3.78 -0.21	63.57 3.36 -0.20	58.78 3.04 -1.38	52.07 2.81 0.00	49.18 2.46 -1.99
LOVETT___4 23642	52.72 1.93 0.00	48.99 1.70 0.00	46.63 1.58 0.00	45.92 1.47 0.00	47.25 1.55 0.00	52.70 2.17 0.00	76.65 3.51 0.00	89.36 3.68 0.00	67.16 3.20 0.00	59.03 2.86 0.00	53.23 2.92 0.00	48.54 2.70 0.00	49.07 2.73 0.00	51.08 2.85 0.00	51.36 2.82 0.00	58.56 3.21 0.00	75.18 3.99 0.00	85.78 4.55 0.00	76.14 4.11 0.00	70.29 3.78 -0.21	63.57 3.36 -0.20	58.78 3.04 -1.38	52.07 2.81 0.00	49.18 2.46 -1.99
LOVETT___5 23593	52.72 1.93 0.00	48.99 1.70 0.00	46.63 1.58 0.00	45.92 1.47 0.00	47.25 1.55 0.00	52.70 2.17 0.00	76.65 3.51 0.00	89.36 3.68 0.00	67.16 3.20 0.00	59.03 2.86 0.00	53.23 2.92 0.00	48.54 2.70 0.00	49.07 2.73 0.00	51.08 2.85 0.00	51.36 2.82 0.00	58.56 3.21 0.00	75.18 3.99 0.00	85.78 4.55 0.00	76.14 4.11 0.00	70.29 3.78 -0.21	63.57 3.36 -0.20	58.78 3.04 -1.38	52.07 2.81 0.00	49.18 2.46 -1.99
LOWER RAQUET___HYD 24057	51.65 0.86 0.00	47.85 0.57 0.00	45.59 0.54 0.00	44.94 0.49 0.00	46.25 0.55 0.00	49.93 -0.60 0.00	71.75 -1.39 0.00	84.74 -0.94 0.00	62.69 -1.28 0.00	54.20 -1.97 0.00	49.46 -0.86 0.00	44.69 -1.14 0.00	45.27 -1.06 0.00	46.79 -1.45 0.00	47.43 -1.11 0.00	53.63 -1.72 0.00	68.56 -2.63 0.00	77.50 -3.74 0.00	68.36 -3.67 0.00	64.05 -2.25 0.00	58.22 -1.80 0.00	53.89 -0.49 -0.03	47.93 -1.33 0.00	44.14 -0.63 -0.04
LOWER___HUDSON 24059	52.41 1.62 0.00	48.80 1.51 0.00	46.49 1.44 0.00	45.87 1.42 0.00	47.16 1.46 0.00	52.30 1.77 0.00	75.85 2.71 0.00	88.76 3.08 0.00	66.27 2.30 0.00	58.01 1.85 0.00	51.62 1.31 0.00	47.07 1.24 0.00	47.63 1.30 0.00	49.63 1.40 0.00	50.00 1.46 0.00	57.23 1.88 0.00	73.75 2.56 0.00	84.32 3.09 0.00	74.77 2.74 0.00	69.03 2.45 -0.28	62.55 2.28 -0.26	58.16 2.01 -1.80	51.08 1.82 0.00	48.97 1.66 -2.58
LOWVILLE_115KV_TB2 356335	51.70 0.91 0.00	48.18 0.90 0.00	45.73 0.68 0.00	45.07 0.62 0.00	46.38 0.69 0.00	51.19 0.66 0.00	74.31 1.17 0.00	88.08 2.40 0.00	64.80 0.83 0.00	56.56 0.39 0.00	50.37 0.05 0.00	45.69 -0.14 0.00	46.10 -0.23 0.00	47.94 -0.29 0.00	48.40 -0.15 0.00	55.63 0.28 0.00	70.77 -0.43 0.00	80.58 -0.65 0.00	70.81 -1.22 0.00	65.58 -0.73 -0.01	59.60 -0.42 -0.01	54.19 -0.22 -0.05	48.62 -0.64 0.00	44.36 -0.45 -0.08
LUTHERFT_115KV_GLOB_FND_222 355753	53.33 2.54 0.00	49.74 2.46 0.00	47.31 2.25 0.00	46.72 2.27 0.00	48.03 2.33 0.00	53.26 2.73 0.00	77.46 4.32 0.00	90.56 4.88 0.00	67.42 3.45 0.00	58.86 2.70 0.00	52.43 2.11 0.00	47.62 1.79 0.00	48.00 1.67 0.00	50.02 1.78 0.00	50.44 1.89 0.00	58.01 2.66 0.00	74.90 3.70 0.00	85.78 4.55 0.00	76.00 3.96 0.00	70.09 3.51 -0.28	63.64 3.36 -0.26	59.17 2.99 -1.83	51.92 2.66 0.00	49.73 2.37 -2.63

LUTHERNY_35_KV_BK2 355980	53.38 2.59 0.00	49.74 2.46 0.00	47.31 2.25 0.00	46.72 2.27 0.00	48.03 2.33 0.00	53.31 2.78 0.00	77.46 4.32 0.00	90.65 4.97 0.00	67.48 3.52 0.00	58.92 2.75 0.00	52.48 2.16 0.00	47.66 1.83 0.00	48.05 1.71 0.00	50.06 1.83 0.00	50.49 1.94 0.00	58.06 2.71 0.00	74.97 3.77 0.00	85.86 4.63 0.00	76.07 4.03 0.00	70.16 3.58 -0.28	63.70 3.42 -0.26	59.23 3.04 -1.83	51.97 2.71 0.00	49.73 2.37 -2.63
LWR___OSWEGATCHIE_HYD 23850	51.19 0.41 0.00	47.57 0.28 0.00	45.23 0.18 0.00	44.58 0.13 0.00	45.88 0.18 0.00	50.08 -0.45 0.00	72.19 -0.95 0.00	85.51 -0.17 0.00	63.01 -0.96 0.00	55.32 -0.84 0.00	49.41 -0.91 0.00	44.73 -1.10 0.00	45.18 -1.16 0.00	46.88 -1.35 0.00	47.43 -1.12 0.00	54.24 -1.11 0.00	68.85 -2.35 0.00	78.15 -3.09 0.00	68.87 -3.17 0.00	64.12 -2.19 -0.01	58.34 -1.68 -0.01	53.64 -0.76 -0.04	47.93 -1.33 0.00	43.94 -0.85 -0.06
LYONS_FALL_HYD 23570	51.75 0.96 0.00	48.23 0.95 0.00	45.82 0.77 0.00	45.16 0.71 0.00	46.47 0.78 0.00	51.39 0.86 0.00	74.61 1.46 0.00	88.17 2.49 0.00	65.12 1.15 0.00	56.73 0.56 0.00	50.72 0.40 0.00	46.06 0.23 0.00	46.47 0.14 0.00	48.33 0.10 0.00	48.79 0.24 0.00	55.96 0.61 0.00	71.62 0.43 0.00	81.56 0.33 0.00	71.89 -0.14 0.00	66.37 0.07 -0.01	60.26 0.24 -0.01	54.62 0.22 -0.05	49.16 -0.10 0.00	44.80 0.00 -0.07
MADISON___COUNTY_LFGE 323628	52.06 1.27 0.00	48.56 1.28 0.00	46.18 1.13 0.00	45.52 1.07 0.00	46.84 1.14 0.00	51.89 1.36 0.00	75.34 2.19 0.00	88.77 3.08 0.00	65.76 1.79 0.00	57.57 1.40 0.00	51.32 1.01 0.00	46.70 0.87 0.00	47.12 0.79 0.00	49.05 0.82 0.00	49.42 0.87 0.00	56.57 1.22 0.00	72.90 1.71 0.00	83.18 1.95 0.00	73.55 1.51 0.00	67.70 1.39 -0.01	61.29 1.26 -0.01	55.42 0.98 -0.09	50.10 0.84 0.00	45.62 0.76 -0.12
MALONE___115KV_TB1 356076	52.16 1.37 0.00	48.23 0.95 0.00	46.00 0.95 0.00	45.38 0.93 0.00	46.75 1.05 0.00	50.53 0.00 0.00	72.70 -0.44 0.00	85.85 0.17 0.00	63.58 -0.38 0.00	56.44 0.28 0.00	50.42 0.10 0.00	45.56 -0.27 0.00	46.10 -0.23 0.00	47.89 -0.34 0.00	48.55 0.00 0.00	55.29 -0.06 0.00	70.20 -1.00 0.00	79.61 -1.62 0.00	70.38 -1.66 0.00	65.50 -0.80 0.00	59.41 -0.60 0.00	54.95 0.60 0.00	48.77 -0.49 0.00	44.55 -0.18 0.00
MAPLEWOD_115KV_TB3 80458	52.26 1.47 0.00	48.75 1.47 0.00	46.40 1.35 0.00	45.83 1.38 0.00	47.07 1.37 0.00	52.20 1.67 0.00	75.70 2.56 0.00	88.59 2.91 0.00	66.14 2.17 0.00	57.85 1.68 0.00	51.62 1.31 0.00	47.02 1.19 0.00	47.45 1.11 0.00	49.53 1.30 0.00	49.90 1.36 0.00	57.17 1.83 0.00	73.69 2.49 0.00	84.16 2.92 0.00	74.63 2.59 0.00	68.96 2.39 -0.28	62.49 2.22 -0.26	58.10 1.96 -1.78	50.98 1.72 0.00	48.86 1.57 -2.56
MAPLE_RIDGE_WT_1 323574	50.99 0.20 0.00	47.38 0.09 0.00	45.14 0.09 0.00	44.54 0.09 0.00	45.84 0.14 0.00	50.28 -0.25 0.00	72.63 -0.51 0.00	85.25 -0.43 0.00	63.45 -0.51 0.00	55.43 -0.73 0.00	50.02 -0.30 0.00	45.46 -0.37 0.00	46.01 -0.32 0.00	47.90 -0.34 0.00	48.30 -0.24 0.00	54.90 -0.44 0.00	70.48 -0.71 0.00	80.02 -1.22 0.00	70.52 -1.52 0.00	64.84 -1.46 0.00	58.57 -1.44 0.00	53.27 -1.09 0.00	47.83 -1.43 0.00	43.57 -1.16 0.00
MAPLE_RIDGE_WT_2 323611	50.99 0.20 0.00	47.38 0.09 0.00	45.14 0.09 0.00	44.54 0.09 0.00	45.84 0.14 0.00	50.28 -0.25 0.00	72.63 -0.51 0.00	85.25 -0.43 0.00	63.45 -0.51 0.00	55.43 -0.73 0.00	50.02 -0.30 0.00	45.46 -0.37 0.00	46.01 -0.32 0.00	47.90 -0.34 0.00	48.30 -0.24 0.00	54.90 -0.44 0.00	70.48 -0.71 0.00	80.02 -1.22 0.00	70.52 -1.52 0.00	64.84 -1.46 0.00	58.57 -1.44 0.00	53.27 -1.09 0.00	47.83 -1.43 0.00	43.57 -1.16 0.00
MARBLE_RIVER_WT_PWR 323696	51.50 0.71 0.00	47.71 0.42 0.00	45.46 0.40 0.00	44.85 0.40 0.00	46.20 0.50 0.00	49.98 -0.55 0.00	71.75 -1.39 0.00	84.48 -1.20 0.00	62.62 -1.35 0.00	54.31 -1.85 0.00	49.71 -0.60 0.00	45.01 -0.82 0.00	45.59 -0.74 0.00	47.46 -0.77 0.00	48.06 -0.49 0.00	54.35 -0.99 0.00	69.42 -1.78 0.00	78.72 -2.52 0.00	69.51 -2.52 0.00	64.51 -1.79 0.00	58.69 -1.32 0.00	54.19 -0.16 0.00	48.17 -1.08 0.00	43.97 -0.76 0.00
MARSHVLE_115KV_TB1 80742	50.99 0.20 0.00	47.57 0.28 0.00	45.14 0.09 0.00	44.58 0.13 0.00	45.93 0.23 0.00	51.24 0.71 0.00	74.31 1.17 0.00	86.97 1.29 0.00	63.58 -0.38 0.00	54.54 -1.63 0.00	48.40 -1.91 0.00	44.14 -1.70 0.00	44.39 -1.95 0.00	46.06 -2.17 0.00	46.56 -1.99 0.00	54.63 -0.72 0.00	71.41 0.21 0.00	82.05 0.81 0.00	72.68 0.65 0.00	67.16 0.53 -0.33	60.92 0.60 -0.31	57.43 0.92 -2.15	49.75 0.49 0.00	48.13 0.31 -3.09
MARSH_HILL_WT_PWR 323713	51.55 0.76 0.00	48.28 0.99 0.00	45.86 0.81 0.00	45.47 1.02 0.00	46.56 0.87 0.00	50.48 -0.05 0.00	71.46 -1.68 0.00	83.97 -1.71 0.00	61.09 -2.88 0.00	54.31 -1.85 0.00	48.91 -1.41 0.00	44.64 -1.19 0.00	44.85 -1.48 0.00	46.50 -1.73 0.00	46.46 -2.09 0.00	52.45 -2.88 0.02	67.92 -3.27 0.00	77.58 -3.65 0.00	69.30 -2.74 0.00	63.09 -3.25 -0.04	55.79 -4.26 -0.04	50.67 -3.97 -0.28	46.99 -2.27 0.00	42.54 -2.60 -0.41
MCINTYRE_115KV_TB2 80467	52.82 2.03 0.00	48.94 1.65 0.00	46.58 1.53 0.00	45.92 1.47 0.00	47.30 1.60 0.00	51.19 0.66 0.00	73.80 0.66 0.00	87.22 1.54 0.00	64.09 0.13 0.00	56.44 0.28 0.00	50.21 -0.10 0.00	45.33 -0.50 0.00	45.92 -0.42 0.00	47.65 -0.58 0.00	48.35 -0.19 0.00	55.18 -0.17 0.00	70.41 -0.78 0.00	80.02 -1.22 0.00	70.59 -1.44 0.00	65.97 -0.33 0.00	59.84 -0.18 0.00	55.31 0.92 -0.03	49.06 -0.20 0.00	45.08 0.31 -0.04
MECO_____69_KV_BK1 80468	52.97 2.18 0.00	49.41 2.13 0.00	46.90 1.85 0.00	46.32 1.87 0.00	47.71 2.01 0.00	53.21 2.68 0.00	77.46 4.32 0.00	90.56 4.88 0.00	66.20 2.24 0.00	56.84 0.67 0.00	50.27 -0.05 0.00	45.60 -0.23 0.00	45.87 -0.46 0.00	47.80 -0.43 0.00	48.50 -0.05 0.00	56.79 1.44 0.00	74.26 3.06 0.00	85.54 4.31 0.00	75.85 3.82 0.00	69.92 3.31 -0.31	63.48 3.18 -0.29	59.36 2.99 -2.01	51.67 2.41 0.00	49.64 2.01 -2.89
MENANDS___115KV_TB5 355628	51.35 0.56 0.00	47.90 0.61 0.00	45.68 0.63 0.00	45.12 0.67 0.00	46.29 0.59 0.00	51.29 0.76 0.00	74.31 1.17 0.00	86.97 1.29 0.00	64.99 1.02 0.00	56.95 0.79 0.00	50.92 0.60 0.00	46.43 0.60 0.00	46.94 0.60 0.00	48.95 0.72 0.00	49.27 0.73 0.00	56.29 0.94 0.00	72.48 1.28 0.00	82.70 1.46 0.00	73.33 1.30 0.00	67.77 1.19 -0.27	61.41 1.14 -0.25	57.11 0.98 -1.78	50.19 0.94 0.00	48.13 0.85 -2.55
MG INDUSTRY___DRP 24185	52.01 1.22 0.00	48.51 1.23 0.00	46.22 1.17 0.00	45.65 1.20 0.00	46.89 1.19 0.00	51.95 1.41 0.00	75.26 2.12 0.00	87.91 2.23 0.00	65.50 1.54 0.00	57.23 1.07 0.00	51.12 0.81 0.00	46.52 0.69 0.00	47.03 0.70 0.00	49.00 0.77 0.00	49.37 0.83 0.00	56.62 1.27 0.00	73.05 1.85 0.00	83.51 2.27 0.00	73.98 1.94 0.00	68.35 1.79 -0.27	61.94 1.68 -0.25	57.49 1.41 -1.72	50.69 1.43 0.00	48.42 1.21 -2.48

MID___OSWEGATCHIE_HYD 23849	51.19 0.41 0.00	47.57 0.28 0.00	45.23 0.18 0.00	44.58 0.13 0.00	45.88 0.18 0.00	50.08 -0.45 0.00	72.19 -0.95 0.00	85.51 -0.17 0.00	63.01 -0.96 0.00	55.32 -0.84 0.00	49.41 -0.91 0.00	44.73 -1.10 0.00	45.18 -1.16 0.00	46.88 -1.35 0.00	47.43 -1.12 0.00	54.24 -1.11 0.00	68.85 -2.35 0.00	78.15 -3.09 0.00	68.87 -3.17 0.00	64.12 -2.19 -0.01	58.34 -1.68 -0.01	53.64 -0.76 -0.04	47.93 -1.33 0.00	43.94 -0.85 -0.06
MID___RAQUETTE_HYD 23851	51.65 0.86 0.00	47.85 0.57 0.00	45.59 0.54 0.00	44.94 0.49 0.00	46.25 0.55 0.00	49.92 -0.61 0.00	71.75 -1.39 0.00	84.74 -0.94 0.00	62.69 -1.28 0.00	55.43 -0.73 0.00	49.46 -0.86 0.00	44.69 -1.15 0.00	45.27 -1.07 0.00	46.78 -1.45 0.00	47.43 -1.12 0.00	53.96 -1.38 0.00	68.56 -2.63 0.00	77.50 -3.74 0.00	68.36 -3.67 0.00	64.05 -2.25 0.00	58.16 -1.86 0.00	53.90 -0.49 -0.03	47.93 -1.33 0.00	44.15 -0.63 -0.04
MILLIKEN___1 23584	51.70 0.91 0.00	48.23 0.95 0.00	45.86 0.81 0.00	45.25 0.80 0.00	46.57 0.87 0.00	51.39 0.86 0.00	74.31 1.17 0.00	87.48 1.80 0.00	64.93 0.96 0.00	56.95 0.79 0.00	50.92 0.60 0.00	46.34 0.50 0.00	46.75 0.42 0.00	48.67 0.43 0.00	48.98 0.44 0.00	55.80 0.44 -0.01	72.05 0.85 0.00	82.45 1.22 0.00	73.26 1.22 0.00	67.34 0.99 -0.05	60.72 0.66 -0.04	55.03 0.38 -0.29	49.75 0.49 0.00	45.42 0.27 -0.42
MILLIKEN___2 23585	51.70 0.91 0.00	48.23 0.95 0.00	45.86 0.81 0.00	45.25 0.80 0.00	46.57 0.87 0.00	51.39 0.86 0.00	74.31 1.17 0.00	87.48 1.80 0.00	64.93 0.96 0.00	56.95 0.79 0.00	50.92 0.60 0.00	46.34 0.50 0.00	46.75 0.42 0.00	48.67 0.43 0.00	48.98 0.44 0.00	55.80 0.44 -0.01	72.05 0.85 0.00	82.45 1.22 0.00	73.26 1.22 0.00	67.34 0.99 -0.05	60.72 0.66 -0.04	55.03 0.38 -0.29	49.75 0.49 0.00	45.42 0.27 -0.42
MILLIKEN___DIESEL 23629	51.70 0.91 0.00	48.23 0.95 0.00	45.86 0.81 0.00	45.25 0.80 0.00	46.57 0.87 0.00	51.39 0.86 0.00	74.31 1.17 0.00	87.48 1.80 0.00	64.93 0.96 0.00	56.95 0.79 0.00	50.92 0.60 0.00	46.34 0.50 0.00	46.75 0.42 0.00	48.67 0.43 0.00	48.98 0.44 0.00	55.80 0.44 -0.01	72.05 0.85 0.00	82.45 1.22 0.00	73.26 1.22 0.00	67.34 0.99 -0.05	60.72 0.66 -0.04	55.03 0.38 -0.29	49.75 0.49 0.00	45.42 0.27 -0.42
MILLSEAT___LFGE 323607	50.94 0.15 0.00	47.71 0.42 0.00	45.37 0.32 0.00	45.03 0.58 0.00	46.11 0.41 0.00	49.22 -1.31 0.00	69.19 -3.95 0.00	81.91 -3.77 0.00	60.45 -3.52 0.00	53.75 -2.41 0.00	48.30 -2.01 0.00	44.09 -1.74 0.00	44.34 -1.99 0.00	46.01 -2.22 0.00	46.07 -2.47 0.00	51.63 -3.71 0.01	66.71 -4.48 0.00	76.36 -4.87 0.00	68.14 -3.89 0.00	62.21 -4.11 -0.03	56.32 -3.72 -0.03	51.11 -3.42 -0.18	47.04 -2.22 0.00	43.02 -1.97 -0.25
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	52.82 2.03 0.00	49.03 1.75 0.00	46.72 1.67 0.00	46.01 1.56 0.00	47.34 1.65 0.00	52.80 2.27 0.00	76.73 3.58 0.00	89.54 3.86 0.00	67.23 3.26 0.00	59.14 2.98 0.00	53.33 3.02 0.00	48.63 2.80 0.00	49.16 2.83 0.00	51.12 2.89 0.00	51.41 2.86 0.00	58.67 3.32 0.00	75.32 4.13 0.00	85.95 4.71 0.00	76.21 4.18 0.00	70.43 3.91 -0.22	63.70 3.48 -0.20	58.92 3.15 -1.41	52.16 2.91 0.00	49.31 2.55 -2.03
MILLWOOD_13_KV_LOAD 356217	52.92 2.13 0.00	49.13 1.84 0.00	46.81 1.76 0.00	46.10 1.64 0.00	47.43 1.74 0.00	52.91 2.37 0.00	77.02 3.88 0.00	89.79 4.11 0.00	67.42 3.45 0.00	59.25 3.09 0.00	53.43 3.12 0.00	48.67 2.84 0.00	49.21 2.87 0.00	51.22 2.99 0.00	51.46 2.91 0.00	58.78 3.43 0.00	75.47 4.27 0.00	86.11 4.87 0.00	76.43 4.39 0.00	70.69 4.18 -0.22	63.94 3.72 -0.20	59.09 3.32 -1.41	52.26 3.00 0.00	49.40 2.64 -2.03
MODEL_CITY_ENERGY 24167	49.77 -1.02 0.00	46.67 -0.62 0.00	44.42 -0.63 0.00	44.14 -0.31 0.00	45.15 -0.55 0.00	47.70 -2.83 0.00	66.49 -6.66 0.00	78.57 -7.11 0.00	58.08 -5.88 0.00	52.12 -4.04 0.00	46.94 -3.37 0.00	42.95 -2.89 0.00	43.23 -3.10 0.00	44.76 -3.47 0.00	44.76 -3.79 0.00	49.97 -5.37 0.01	64.29 -6.90 0.00	73.36 -7.88 0.00	65.55 -6.48 0.00	59.76 -6.56 -0.03	54.10 -5.94 -0.03	49.27 -5.27 -0.19	45.51 -3.75 0.00	41.73 -3.26 -0.27
MODERN_LFGE___ 323580	49.77 -1.02 0.00	46.67 -0.62 0.00	44.42 -0.63 0.00	44.14 -0.31 0.00	45.15 -0.55 0.00	47.70 -2.83 0.00	66.49 -6.66 0.00	78.57 -7.11 0.00	58.08 -5.88 0.00	52.12 -4.04 0.00	46.94 -3.37 0.00	42.95 -2.89 0.00	43.23 -3.10 0.00	44.76 -3.47 0.00	44.76 -3.79 0.00	49.97 -5.37 0.01	64.29 -6.90 0.00	73.36 -7.88 0.00	65.55 -6.48 0.00	59.76 -6.56 -0.03	54.10 -5.94 -0.03	49.27 -5.27 -0.19	45.51 -3.75 0.00	41.73 -3.26 -0.27
MOHAWK_PAPER___DRP 24187	52.26 1.47 0.00	48.75 1.47 0.00	46.40 1.35 0.00	45.83 1.38 0.00	47.07 1.37 0.00	52.20 1.67 0.00	75.70 2.56 0.00	88.59 2.91 0.00	66.14 2.17 0.00	57.85 1.68 0.00	51.62 1.31 0.00	47.02 1.19 0.00	47.45 1.11 0.00	49.53 1.30 0.00	49.90 1.36 0.00	57.17 1.83 0.00	73.69 2.49 0.00	84.16 2.92 0.00	74.63 2.59 0.00	68.96 2.39 -0.28	62.49 2.22 -0.26	58.10 1.96 -1.78	50.98 1.72 0.00	48.86 1.57 -2.56
MOHICAN___35_KV_115KV_LD 80490	54.14 3.35 0.00	50.55 3.26 0.00	47.98 2.93 0.00	47.43 2.98 0.00	48.76 3.06 0.00	54.17 3.64 0.00	78.92 5.78 0.00	92.45 6.77 0.00	68.64 4.67 0.00	59.76 3.59 0.00	53.18 2.87 0.00	48.21 2.38 0.00	48.51 2.18 0.00	50.45 2.22 0.00	50.88 2.33 0.00	58.67 3.32 0.00	75.97 4.77 0.00	87.16 5.93 0.00	77.22 5.19 0.00	71.15 4.57 -0.28	64.72 4.44 -0.26	60.10 3.91 -1.83	52.71 3.45 0.00	50.40 3.04 -2.63
MONGAUP___HYD 23641	53.13 2.34 0.00	49.42 2.13 0.00	47.03 1.98 0.00	46.36 1.91 0.00	47.66 1.96 0.00	53.06 2.53 0.00	77.38 4.24 0.00	90.13 4.45 0.00	67.23 3.26 0.00	58.80 2.64 0.00	52.73 2.42 0.00	47.94 2.11 0.00	48.51 2.18 0.00	50.50 2.27 0.00	50.78 2.23 0.00	58.11 2.77 0.00	74.89 3.70 0.00	85.86 4.63 0.00	76.21 4.18 0.00	70.41 3.91 -0.20	63.62 3.42 -0.19	58.70 3.04 -1.30	52.16 2.91 0.00	49.15 2.55 -1.87
MONTAUK___DIESEL 23721	57.20 6.40 -0.01	52.82 5.53 0.00	50.10 5.05 0.00	49.34 4.89 0.00	50.72 5.03 0.00	56.54 6.01 0.00	80.53 7.39 0.00	93.05 7.37 0.00	69.85 5.88 0.00	62.74 6.57 0.00	57.21 6.89 0.00	52.21 6.37 -0.01	52.73 6.39 0.00	55.18 6.95 -0.01	55.41 6.84 -0.02	63.30 7.91 -0.04	81.98 10.75 -0.04	92.77 11.54 0.00	83.06 11.02 -0.01	77.25 10.14 -0.81	68.96 8.70 -0.24	67.69 8.10 -5.23	56.32 7.04 -0.02	53.05 6.26 -2.06
MOONROAD_115KV_HARTFLD_TB1-2 355988	51.70 0.91 0.00	48.56 1.28 0.00	46.13 1.08 0.00	45.78 1.33 0.00	46.84 1.14 0.00	50.48 -0.05 0.00	71.46 -1.68 0.00	84.05 -1.63 0.00	62.05 -1.92 0.00	55.21 -0.95 0.00	49.86 -0.45 0.00	45.51 -0.32 0.00	45.92 -0.42 0.00	47.51 -0.72 0.00	47.43 -1.12 0.00	53.35 -1.99 0.01	68.85 -2.35 0.00	79.20 -2.03 0.00	70.31 -1.73 0.00	63.35 -2.98 -0.03	56.80 -3.24 -0.03	50.70 -3.86 -0.20	47.58 -1.67 0.00	42.79 -2.24 -0.29

MORRIS RIDGE___SOLAR 323848	50.74 -0.05 0.00	47.52 0.24 0.00	45.19 0.14 0.00	44.80 0.35 0.00	45.88 0.18 0.00	49.52 -1.01 0.00	69.93 -3.22 0.00	82.09 -3.60 0.00	60.19 -3.77 0.00	53.53 -2.64 0.00	48.20 -2.11 0.00	44.09 -1.74 0.00	44.34 -1.99 0.00	45.92 -2.31 0.00	45.92 -2.62 0.00	51.85 -3.49 0.01	67.14 -4.06 0.00	76.85 -4.39 0.00	68.65 -3.38 0.00	62.49 -3.85 -0.04	55.55 -4.50 -0.04	50.48 -4.13 -0.25	46.90 -2.36 0.00	42.55 -2.55 -0.36
MORTIMER_115KV_TB3 55949	50.43 -0.36 0.00	47.10 -0.19 0.00	44.74 -0.32 0.00	44.32 -0.13 0.00	45.47 -0.23 0.00	49.47 -1.06 0.00	70.36 -2.78 0.00	83.02 -2.66 0.00	61.60 -2.37 0.00	54.54 -1.63 0.00	48.91 -1.41 0.00	44.64 -1.19 0.00	44.99 -1.34 0.00	46.69 -1.54 0.00	46.90 -1.65 0.00	52.91 -2.44 0.01	68.28 -2.92 0.00	78.31 -2.92 0.00	69.51 -2.52 0.00	63.87 -2.45 -0.02	57.81 -2.22 -0.02	52.55 -1.96 -0.15	47.68 -1.58 0.00	43.73 -1.21 -0.21
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	53.12 2.34 0.00	49.32 2.03 0.00	46.94 1.89 0.00	46.23 1.78 0.00	47.57 1.87 0.00	53.06 2.53 0.00	77.02 3.88 0.00	89.88 4.20 0.00	67.68 3.71 0.00	59.51 3.37 0.02	53.74 3.42 0.00	48.99 3.16 0.00	49.53 3.20 0.00	51.56 3.33 0.00	51.80 3.25 0.00	58.93 3.71 0.12	75.82 4.63 0.00	86.51 5.28 0.00	76.65 4.61 0.00	70.83 4.31 -0.22	64.12 3.90 -0.20	59.31 3.53 -1.42	52.51 3.25 0.00	49.64 2.86 -2.04
MUNSVILLE_WIND_PWR 323609	54.70 3.91 0.00	51.16 3.88 0.00	48.47 3.42 0.00	47.74 3.29 0.00	49.17 3.47 0.00	54.57 4.04 0.00	79.65 6.51 0.00	94.67 8.99 0.00	69.21 5.25 0.00	60.32 4.16 0.00	53.33 3.02 0.00	48.44 2.61 0.00	48.74 2.41 0.00	50.74 2.51 0.00	51.17 2.62 0.00	59.01 3.65 -0.01	76.46 5.27 0.00	87.25 6.01 0.00	77.08 5.04 0.00	70.94 4.57 -0.07	64.04 3.96 -0.07	57.86 3.04 -0.46	51.97 2.71 0.00	47.72 2.32 -0.66
N SALMON___HYD 24042	52.16 1.37 0.00	48.23 0.95 0.00	46.00 0.95 0.00	45.39 0.93 0.00	46.75 1.05 0.00	50.53 0.00 0.00	72.71 -0.44 0.00	85.85 0.17 0.00	63.58 -0.38 0.00	54.98 -1.18 0.00	50.42 0.10 0.00	45.56 -0.27 0.00	46.15 -0.18 0.00	47.90 -0.34 0.00	48.55 0.00 0.00	54.96 -0.38 0.00	70.20 -1.00 0.00	79.61 -1.62 0.00	70.38 -1.65 0.00	65.51 -0.79 0.00	59.47 -0.54 0.00	54.96 0.60 0.00	48.77 -0.49 0.00	44.55 -0.18 0.00
N.AKRON__115KV_KNAPP 355671	50.89 0.10 0.00	47.66 0.38 0.00	44.96 -0.09 0.00	44.98 0.53 0.00	46.02 0.32 0.00	49.12 -1.41 0.00	68.97 -4.17 0.00	81.65 -4.03 0.00	60.26 -3.71 0.00	53.64 -2.53 0.00	48.20 -2.11 0.00	44.04 -1.79 0.00	44.34 -1.99 0.00	45.92 -2.32 0.00	45.97 -2.57 0.00	51.52 -3.82 0.01	66.50 -4.70 0.00	76.44 -4.79 0.00	68.00 -4.03 0.00	62.15 -4.18 -0.03	56.26 -3.78 -0.02	50.99 -3.53 -0.17	46.89 -2.36 0.00	42.92 -2.06 -0.25
N.E_GEN_SANDY PD 24062	54.24 1.58 -1.88	52.28 1.47 -3.53	50.00 1.44 -3.51	50.48 1.42 -4.61	52.05 1.42 -4.93	60.72 1.72 -8.47	87.56 2.56 -11.86	111.59 2.82 -23.09	80.91 2.24 -14.71	60.00 1.91 -1.92	51.57 1.26 0.00	47.11 1.28 0.00	47.72 1.39 0.00	49.82 1.59 0.00	57.30 1.60 -7.15	69.60 1.94 -12.32	97.74 2.56 -23.99	100.57 3.01 -16.33	102.54 2.67 -27.84	97.00 2.45 -28.25	88.88 2.22 -26.64	72.02 1.95 -15.71	61.88 1.82 -10.80	54.48 1.66 -8.09
N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	52.82 2.03 0.00	49.03 1.75 0.00	46.72 1.67 0.00	46.01 1.56 0.00	47.30 1.60 0.00	52.75 2.22 0.00	76.80 3.66 0.00	89.54 3.86 0.00	67.23 3.26 0.00	59.14 2.98 0.00	53.33 3.02 0.00	48.58 2.75 0.00	49.16 2.83 0.00	51.12 2.89 0.00	51.41 2.86 0.00	58.61 3.27 0.00	75.25 4.06 0.00	85.95 4.71 0.00	76.21 4.18 0.00	70.42 3.91 -0.21	63.63 3.42 -0.20	58.83 3.10 -1.38	52.12 2.86 0.00	49.26 2.55 -1.98
N.QUEENS_27_KV_LOAD 356247	53.69 2.89 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.46 4.32 0.00	90.39 4.71 0.00	67.87 3.90 0.00	59.97 3.20 -0.61	54.05 3.72 -0.02	49.28 3.44 -0.02	49.82 3.48 -0.02	51.86 3.62 -0.02	52.11 3.54 -0.02	62.41 3.82 -3.24	75.97 4.77 0.00	86.68 5.44 0.00	76.79 4.75 0.00	71.03 4.51 -0.22	64.36 4.14 -0.20	59.47 3.70 -1.42	52.76 3.50 0.00	50.05 3.27 -2.05
N.TROY___115KV_TB1 355778	52.41 1.63 0.00	48.80 1.51 0.00	46.49 1.44 0.00	45.87 1.42 0.00	47.16 1.46 0.00	52.30 1.77 0.00	75.85 2.71 0.00	88.77 3.08 0.00	66.27 2.30 0.00	58.02 1.85 0.00	51.62 1.31 0.00	47.02 1.19 0.00	47.49 1.16 0.00	49.63 1.40 0.00	50.00 1.46 0.00	57.23 1.88 0.00	73.76 2.56 0.00	84.32 3.09 0.00	74.77 2.74 0.00	69.03 2.45 -0.28	62.55 2.28 -0.26	58.16 2.01 -1.80	51.08 1.82 0.00	48.97 1.66 -2.58
NARROWS_GT1_1 24228	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	61.99 3.43 -3.21	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NARROWS_GT1_2 24229	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	61.99 3.43 -3.21	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NARROWS_GT1_3 24230	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	61.99 3.43 -3.21	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NARROWS_GT1_4 24231	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	61.99 3.43 -3.21	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NARROWS_GT1_5 24232	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	61.99 3.43 -3.21	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05

NARROWS_GT1_6 24233	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	61.99 3.43 -3.21	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NARROWS_GT1_7 24234	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	61.99 3.43 -3.21	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NARROWS_GT1_8 24235	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	61.99 3.43 -3.21	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NARROWS_GT2_1 24236	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.03 3.43 -3.25	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NARROWS_GT2_2 24237	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.03 3.43 -3.25	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NARROWS_GT2_3 24238	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.03 3.43 -3.25	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NARROWS_GT2_4 24239	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.03 3.43 -3.25	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NARROWS_GT2_5 24240	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.03 3.43 -3.25	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NARROWS_GT2_6 24241	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.03 3.43 -3.25	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NARROWS_GT2_7 24242	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.03 3.43 -3.25	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NARROWS_GT2_8 24243	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.03 3.43 -3.25	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.09 4.57 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	53.23 2.44 0.00	49.65 2.36 0.00	47.31 2.25 0.00	46.72 2.27 0.00	47.98 2.28 0.00	53.31 2.78 0.00	77.75 4.61 0.00	90.74 5.06 0.00	67.16 3.20 0.00	58.13 1.97 0.00	51.72 1.41 0.00	46.93 1.10 0.00	47.35 1.02 0.00	49.34 1.11 0.00	49.76 1.21 0.00	57.34 1.99 0.00	74.33 3.13 0.00	85.46 4.22 0.00	75.78 3.75 0.00	69.94 3.38 -0.26	63.37 3.12 -0.24	58.20 2.17 -1.67	51.87 2.61 0.00	48.93 1.79 -2.41
NCHELSEA_115KV_TR2 355582	53.18 2.39 0.00	49.41 2.13 0.00	47.08 2.03 0.00	46.41 1.96 0.00	47.71 2.01 0.00	53.16 2.63 0.00	77.46 4.32 0.00	90.31 4.63 0.00	67.68 3.71 0.00	59.31 3.15 0.00	53.38 3.07 0.00	48.63 2.80 0.00	49.11 2.78 0.00	51.12 2.89 0.00	51.41 2.86 0.00	58.78 3.43 0.00	75.54 4.34 0.00	86.27 5.04 0.00	76.50 4.47 0.00	70.76 4.24 -0.22	63.94 3.72 -0.20	59.10 3.32 -1.42	52.36 3.10 0.00	49.51 2.73 -2.05
NEG CAPITAL____MECHNVIL 23645	53.33 2.54 0.00	49.74 2.46 0.00	47.30 2.25 0.00	46.72 2.27 0.00	47.98 2.28 0.00	53.26 2.73 0.00	77.46 4.31 0.00	90.65 4.97 0.00	67.48 3.52 0.00	58.97 2.81 0.00	52.48 2.16 0.00	47.71 1.88 0.00	48.14 1.81 0.00	50.11 1.88 0.00	50.54 1.99 0.00	58.11 2.77 0.00	74.97 3.77 0.00	85.94 4.71 0.00	76.07 4.03 0.00	70.22 3.64 -0.28	63.63 3.36 -0.26	59.22 3.04 -1.82	51.92 2.66 0.00	49.71 2.37 -2.61
NEG CENTRAL_HIGH_ACRES 23767	49.37 -1.42 0.00	46.11 -1.18 0.00	43.84 -1.21 0.00	43.38 -1.07 0.00	44.51 -1.19 0.00	48.66 -1.87 0.00	69.56 -3.58 0.00	82.09 -3.60 0.00	60.96 -3.01 0.00	53.86 -2.31 0.00	48.25 -2.07 0.00	44.00 -1.83 0.00	44.34 -1.99 0.00	46.11 -2.12 0.00	46.26 -2.28 0.00	52.36 -2.99 0.00	67.64 -3.56 0.00	77.26 -3.98 0.00	68.65 -3.38 0.00	63.01 -3.31 -0.02	57.27 -2.76 -0.02	51.89 -2.61 -0.14	46.99 -2.27 0.00	43.06 -1.88 -0.21

NEG CENTRAL___DRP 24199	50.48 -0.30 0.00	47.10 -0.19 0.00	44.78 -0.27 0.00	44.23 -0.22 0.00	45.47 -0.23 0.00	50.08 -0.45 0.00	72.12 -1.02 0.00	85.00 -0.69 0.00	63.13 -0.83 0.00	55.55 -0.62 0.00	49.71 -0.60 0.00	45.28 -0.55 0.00	45.68 -0.65 0.00	47.56 -0.68 0.00	47.82 -0.73 0.00	54.30 -1.05 0.00	70.06 -1.14 0.00	80.18 -1.06 0.00	71.17 -0.86 0.00	65.46 -0.86 -0.02	59.13 -0.90 -0.02	53.58 -0.92 -0.15	48.47 -0.79 0.00	44.23 -0.72 -0.22
NEG CENTRAL___INDECK 23768	52.36 1.58 0.00	48.99 1.70 0.00	46.49 1.44 0.00	46.05 1.60 0.00	47.25 1.55 0.00	51.34 0.81 0.00	73.14 0.00 0.00	86.45 0.77 0.00	63.13 -0.83 0.00	55.60 -0.56 0.00	49.81 -0.50 0.00	45.33 -0.50 0.00	45.59 -0.74 0.00	47.27 -0.96 0.00	47.38 -1.17 0.00	53.73 -1.61 0.01	69.98 -1.21 0.00	80.50 -0.73 0.00	72.04 0.00 0.00	65.94 -0.40 -0.03	59.21 -0.84 -0.03	53.55 -1.03 -0.22	48.96 -0.29 0.00	44.56 -0.49 -0.32
NEG CENTRAL___SENECA 23627	50.48 -0.30 0.00	47.10 -0.19 0.00	44.78 -0.27 0.00	44.27 -0.18 0.00	45.47 -0.23 0.00	49.92 -0.61 0.00	71.75 -1.39 0.00	84.65 -1.03 0.00	62.88 -1.09 0.00	55.38 -0.79 0.00	49.56 -0.75 0.00	45.14 -0.69 0.00	45.55 -0.79 0.00	47.36 -0.87 0.00	47.62 -0.92 0.00	54.02 -1.33 0.00	69.77 -1.42 0.00	79.85 -1.38 0.00	70.88 -1.15 0.00	65.13 -1.19 -0.02	58.89 -1.14 -0.02	53.36 -1.14 -0.14	48.32 -0.94 0.00	44.13 -0.81 -0.21
NEG CENTRAL___STATE_STREET 24147	50.64 -0.15 0.00	47.19 -0.09 0.00	44.92 -0.14 0.00	44.32 -0.13 0.00	45.61 -0.09 0.00	50.33 -0.20 0.00	72.70 -0.44 0.00	85.59 -0.09 0.00	63.65 -0.32 0.00	55.83 -0.34 0.00	49.96 -0.35 0.00	45.51 -0.32 0.00	45.92 -0.42 0.00	47.80 -0.43 0.00	48.11 -0.44 0.00	54.74 -0.61 0.00	70.63 -0.57 0.00	80.83 -0.41 0.00	71.82 -0.22 0.00	66.06 -0.27 -0.03	59.68 -0.36 -0.02	53.99 -0.54 -0.17	48.86 -0.39 0.00	44.53 -0.45 -0.25
NEG MILLWOOD___DRP 24198	53.23 2.44 0.00	49.46 2.18 0.00	47.08 2.03 0.00	46.41 1.96 0.00	47.75 2.06 0.00	53.31 2.78 0.00	77.82 4.68 0.00	90.82 5.14 0.00	67.93 3.97 0.00	59.48 3.31 0.00	53.59 3.27 0.00	48.76 2.93 0.00	49.30 2.97 0.00	51.27 3.04 0.00	51.56 3.01 0.00	59.06 3.71 0.00	75.89 4.70 0.00	86.60 5.36 0.00	76.93 4.90 0.00	71.23 4.71 -0.22	64.42 4.20 -0.21	59.43 3.64 -1.44	52.56 3.30 0.00	49.61 2.82 -2.06
NEG NORTH_FLCN_SEA 23793	51.91 1.12 0.00	48.04 0.76 0.00	45.82 0.77 0.00	45.16 0.71 0.00	46.57 0.87 0.00	50.03 -0.51 0.00	71.39 -1.76 0.00	84.05 -1.63 0.00	62.37 -1.60 0.00	55.71 -0.45 0.00	49.81 -0.50 0.00	45.05 -0.78 0.00	45.59 -0.74 0.00	47.51 -0.72 0.00	48.11 -0.44 0.00	54.74 -0.61 0.00	69.06 -2.14 0.00	78.39 -2.84 0.00	69.23 -2.81 0.00	64.24 -2.06 0.00	58.57 -1.44 0.00	54.63 0.27 0.00	48.52 -0.74 0.00	44.28 -0.45 0.00
NEG NORTH_KES_CHATEGAY 23792	51.65 0.86 0.00	47.81 0.52 0.00	45.59 0.54 0.00	44.94 0.49 0.00	46.34 0.64 0.00	50.13 -0.40 0.00	71.97 -1.17 0.00	84.91 -0.77 0.00	62.88 -1.09 0.00	55.83 -0.34 0.00	49.86 -0.45 0.00	45.10 -0.73 0.00	45.64 -0.70 0.00	47.51 -0.72 0.00	48.11 -0.44 0.00	54.79 -0.55 0.00	69.63 -1.57 0.00	79.04 -2.19 0.00	69.87 -2.16 0.00	64.91 -1.39 0.00	58.93 -1.08 0.00	54.47 0.11 0.00	48.32 -0.94 0.00	44.11 -0.63 0.00
NEG NORTH___ALICE_FALLS 23915	52.11 1.32 0.00	48.18 0.90 0.00	45.95 0.90 0.00	45.30 0.84 0.00	46.70 1.01 0.00	50.38 -0.15 0.00	72.19 -0.95 0.00	85.00 -0.69 0.00	63.01 -0.96 0.00	56.11 -0.06 0.00	50.11 -0.20 0.00	45.28 -0.55 0.00	45.87 -0.46 0.00	47.75 -0.48 0.00	48.35 -0.19 0.00	55.07 -0.28 0.00	69.77 -1.42 0.00	79.20 -2.03 0.00	70.02 -2.02 0.00	64.97 -1.33 0.00	59.11 -0.90 0.00	54.90 0.54 0.00	48.72 -0.54 0.00	44.42 -0.31 0.00
NEG NORTH___LWR_SARANAC 23913	52.11 1.32 0.00	48.18 0.90 0.00	45.95 0.90 0.00	45.30 0.84 0.00	46.70 1.01 0.00	50.38 -0.15 0.00	72.19 -0.95 0.00	85.00 -0.69 0.00	63.01 -0.96 0.00	56.11 -0.06 0.00	50.11 -0.20 0.00	45.28 -0.55 0.00	45.87 -0.46 0.00	47.75 -0.48 0.00	48.35 -0.19 0.00	55.07 -0.28 0.00	69.77 -1.42 0.00	79.20 -2.03 0.00	70.02 -2.02 0.00	64.97 -1.33 0.00	59.11 -0.90 0.00	54.90 0.54 0.00	48.72 -0.54 0.00	44.42 -0.31 0.00
NEG NORTH___PLATTSBURG 23628	52.11 1.32 0.00	48.18 0.90 0.00	45.95 0.90 0.00	45.29 0.84 0.00	46.70 1.00 0.00	50.38 -0.15 0.00	72.19 -0.95 0.00	84.99 -0.69 0.00	63.01 -0.96 0.00	54.48 -1.68 0.00	50.11 -0.20 0.00	45.28 -0.55 0.00	45.92 -0.42 0.00	47.75 -0.48 0.00	48.35 -0.19 0.00	54.74 -0.61 0.00	69.70 -1.50 0.00	79.21 -2.03 0.00	70.02 -2.02 0.00	64.97 -1.33 0.00	59.23 -0.78 0.00	54.90 0.54 0.00	48.72 -0.54 0.00	44.42 -0.31 0.00
NEG WEST_LEA_LOCKPORT 23791	50.13 -0.66 0.00	46.95 -0.33 0.00	44.38 -0.68 0.00	44.36 -0.09 0.00	45.38 -0.32 0.00	48.26 -2.27 0.00	67.36 -5.78 0.00	79.60 -6.08 0.00	58.78 -5.18 0.00	52.68 -3.48 0.00	47.45 -2.87 0.00	43.36 -2.47 0.00	43.69 -2.64 0.00	45.19 -3.04 0.00	45.24 -3.30 0.00	50.52 -4.82 0.01	65.00 -6.19 0.00	74.57 -6.66 0.00	66.42 -5.62 0.00	60.56 -5.77 -0.03	54.82 -5.22 -0.03	49.80 -4.73 -0.18	46.01 -3.25 0.00	42.12 -2.86 -0.25
NEG WEST___LANCASTR 23811	50.48 -0.30 0.00	47.33 0.05 0.00	44.96 -0.09 0.00	44.67 0.22 0.00	45.70 0.00 0.00	49.12 -1.41 0.00	69.34 -3.80 0.00	81.31 -4.37 0.00	60.06 -3.90 0.00	53.58 -2.58 0.00	48.40 -1.91 0.00	44.23 -1.60 0.00	44.53 -1.81 0.00	46.06 -2.17 0.00	46.02 -2.52 0.00	51.80 -3.54 0.01	66.57 -4.63 0.00	76.52 -4.71 0.00	68.22 -3.82 0.00	60.96 -5.37 -0.03	54.88 -5.16 -0.03	48.47 -6.09 -0.20	46.75 -2.51 0.00	41.13 -3.89 -0.29
NEG_PENN_ALLEGHNY 23528	51.55 0.76 0.00	48.04 0.75 0.00	45.73 0.68 0.00	45.12 0.67 0.00	46.38 0.69 0.00	51.19 0.66 0.00	74.02 0.88 0.00	86.88 1.20 0.00	64.67 0.70 0.00	56.67 0.50 0.00	50.77 0.45 0.00	46.24 0.41 0.00	46.66 0.33 0.00	48.57 0.34 0.00	48.79 0.24 0.00	55.13 -0.22 0.00	71.05 -0.14 0.00	81.15 -0.08 0.00	72.11 0.07 0.00	66.24 -0.13 -0.08	59.90 -0.18 -0.07	54.56 -0.27 -0.48	49.36 0.10 0.00	45.37 -0.04 -0.69
NEG___GEN_MONROE 24207	50.84 0.05 0.00	47.57 0.28 0.00	45.14 0.09 0.00	44.76 0.31 0.00	45.88 0.18 0.00	49.82 -0.71 0.00	70.66 -2.49 0.00	83.28 -2.40 0.00	61.73 -2.24 0.00	54.59 -1.57 0.00	49.01 -1.31 0.00	44.69 -1.15 0.00	45.04 -1.30 0.00	46.69 -1.54 0.00	46.85 -1.70 0.00	52.74 -2.60 0.01	68.06 -3.13 0.00	78.15 -3.09 0.00	69.44 -2.59 0.00	63.74 -2.59 -0.02	57.69 -2.34 -0.02	52.44 -2.07 -0.15	47.83 -1.43 0.00	43.87 -1.07 -0.21
NEPA___ENERGY 23901	50.69 -0.10 0.00	47.52 0.24 0.00	45.19 0.14 0.00	44.85 0.40 0.00	45.93 0.23 0.00	49.47 -1.06 0.00	70.07 -3.07 0.00	81.91 -3.77 0.00	60.58 -3.39 0.00	53.97 -2.19 0.00	48.76 -1.56 0.00	44.59 -1.24 0.00	45.08 -1.25 0.00	46.59 -1.64 0.00	46.60 -1.94 0.00	52.35 -2.99 0.01	67.42 -3.77 0.00	77.58 -3.66 0.00	69.15 -2.88 0.00	62.48 -3.85 -0.03	56.14 -3.90 -0.03	50.38 -4.19 -0.21	47.19 -2.07 0.00	42.70 -2.33 -0.30

NEVERSINK___HYD 23608	53.02 2.23 0.00	49.32 2.03 0.00	46.94 1.89 0.00	46.27 1.82 0.00	47.57 1.87 0.00	53.01 2.48 0.00	77.31 4.17 0.00	90.22 4.54 0.00	67.42 3.45 0.00	59.08 2.92 0.00	52.93 2.61 0.00	48.17 2.34 0.00	48.70 2.36 0.00	50.64 2.41 0.00	50.97 2.43 0.00	58.34 2.99 0.00	75.04 3.84 0.00	85.86 4.63 0.00	76.07 4.03 0.00	70.28 3.78 -0.20	63.50 3.30 -0.19	58.64 2.99 -1.29	52.07 2.81 0.00	49.05 2.46 -1.86
NEWKRMKL_115KV_TB1 55635	51.14 0.36 0.00	47.71 0.43 0.00	45.50 0.45 0.00	44.94 0.49 0.00	46.15 0.46 0.00	51.09 0.56 0.00	74.02 0.88 0.00	86.62 0.94 0.00	64.73 0.77 0.00	56.67 0.51 0.00	50.77 0.45 0.00	46.29 0.46 0.00	46.75 0.42 0.00	48.81 0.58 0.00	49.08 0.53 0.00	56.07 0.72 0.00	72.19 1.00 0.00	82.45 1.22 0.00	73.04 1.01 0.00	67.50 0.93 -0.27	61.17 0.90 -0.25	56.88 0.76 -1.77	50.00 0.74 0.00	47.94 0.67 -2.54
NEWTON___FALLS_HYD 23847	51.19 0.41 0.00	47.57 0.28 0.00	45.23 0.18 0.00	44.58 0.13 0.00	45.88 0.18 0.00	50.08 -0.45 0.00	72.19 -0.95 0.00	85.51 -0.17 0.00	63.01 -0.96 0.00	55.32 -0.84 0.00	49.41 -0.91 0.00	44.73 -1.10 0.00	45.18 -1.16 0.00	46.88 -1.35 0.00	47.43 -1.12 0.00	54.24 -1.11 0.00	68.85 -2.35 0.00	78.15 -3.09 0.00	68.87 -3.17 0.00	64.12 -2.19 -0.01	58.34 -1.68 -0.01	53.64 -0.76 -0.04	47.93 -1.33 0.00	43.94 -0.85 -0.06
NGRID_A1_DSASP 323792	48.86 -1.93 0.00	45.77 -1.51 0.00	44.15 -0.90 0.00	43.25 -1.20 0.00	44.24 -1.46 0.00	47.30 -3.23 0.00	65.76 -7.39 0.00	77.63 -8.05 0.00	57.51 -6.46 0.00	51.67 -4.49 0.00	46.54 -3.77 0.00	42.58 -3.25 0.00	42.90 -3.43 0.00	44.42 -3.81 0.00	44.42 -4.13 0.00	49.53 -5.81 0.01	63.58 -7.62 0.00	72.87 -8.37 0.00	64.83 -7.20 0.00	59.23 -7.09 -0.03	53.68 -6.36 -0.03	48.94 -5.60 -0.18	45.07 -4.19 0.00	41.45 -3.53 -0.26
NGRID_A2_DSASP 323793	48.86 -1.93 0.00	45.77 -1.51 0.00	44.15 -0.90 0.00	43.25 -1.20 0.00	44.24 -1.46 0.00	47.30 -3.23 0.00	65.76 -7.39 0.00	77.63 -8.05 0.00	57.51 -6.46 0.00	51.67 -4.49 0.00	46.54 -3.77 0.00	42.58 -3.25 0.00	42.90 -3.43 0.00	44.42 -3.81 0.00	44.42 -4.13 0.00	49.53 -5.81 0.01	63.58 -7.62 0.00	72.87 -8.37 0.00	64.83 -7.20 0.00	59.23 -7.09 -0.03	53.68 -6.36 -0.03	48.94 -5.60 -0.18	45.07 -4.19 0.00	41.45 -3.53 -0.26
NGRID_A4_DSASP 323807	48.86 -1.93 0.00	45.77 -1.51 0.00	44.15 -0.90 0.00	43.25 -1.20 0.00	44.24 -1.46 0.00	47.30 -3.23 0.00	65.76 -7.39 0.00	77.63 -8.05 0.00	57.51 -6.46 0.00	51.67 -4.49 0.00	46.54 -3.77 0.00	42.58 -3.25 0.00	42.90 -3.43 0.00	44.42 -3.81 0.00	44.42 -4.13 0.00	49.53 -5.81 0.01	63.58 -7.62 0.00	72.87 -8.37 0.00	64.83 -7.20 0.00	59.23 -7.09 -0.03	53.68 -6.36 -0.03	48.94 -5.60 -0.18	45.07 -4.19 0.00	41.45 -3.53 -0.26
NIAGARA_115E_LBMP 323715	49.62 -1.17 0.00	46.48 -0.80 0.00	44.29 -0.77 0.00	43.96 -0.49 0.00	44.96 -0.73 0.00	47.45 -3.08 0.00	66.05 -7.09 0.00	77.97 -7.71 0.00	57.70 -6.27 0.00	51.84 -4.32 0.00	46.69 -3.62 0.00	42.71 -3.12 0.00	43.00 -3.34 0.00	44.52 -3.71 0.00	44.52 -4.03 0.00	49.69 -5.65 0.01	63.86 -7.33 0.00	72.87 -8.37 0.00	65.12 -6.92 0.00	59.37 -6.96 -0.03	53.74 -6.30 -0.03	49.00 -5.54 -0.19	45.22 -4.04 0.00	41.51 -3.49 -0.27
NIAGARA_115W_LBMP 323714	48.70 -2.08 0.00	45.68 -1.61 0.00	43.43 -1.62 0.00	43.12 -1.33 0.00	44.10 -1.60 0.00	47.15 -3.39 0.00	65.53 -7.61 0.00	77.45 -8.23 0.00	57.31 -6.65 0.00	51.56 -4.60 0.00	46.44 -3.87 0.00	42.49 -3.34 0.00	42.77 -3.57 0.00	44.28 -3.95 0.00	44.32 -4.22 0.00	49.42 -5.92 0.01	63.44 -7.76 0.00	72.30 -8.94 0.00	64.62 -7.42 0.00	58.96 -7.36 -0.03	53.50 -6.54 -0.03	48.84 -5.71 -0.19	44.97 -4.29 0.00	41.38 -3.62 -0.27
NIAGARA_230_LBMP 323716	49.47 -1.32 0.00	46.34 -0.95 0.00	44.10 -0.95 0.00	43.74 -0.71 0.00	44.78 -0.91 0.00	47.90 -2.63 0.00	66.71 -6.44 0.00	78.74 -6.94 0.00	58.27 -5.69 0.00	52.40 -3.76 0.00	47.20 -3.12 0.00	43.13 -2.70 0.00	43.46 -2.87 0.00	45.00 -3.23 0.00	45.00 -3.54 0.00	50.25 -5.09 0.01	64.50 -6.70 0.00	73.60 -7.64 0.00	65.77 -6.27 0.00	59.96 -6.36 -0.03	54.34 -5.70 -0.03	49.59 -4.95 -0.18	45.71 -3.55 0.00	41.95 -3.04 -0.26
NIAGARA___115KV_198_GIBSON 55903	48.71 -2.08 0.00	45.68 -1.61 0.00	44.11 -0.95 0.00	43.12 -1.33 0.00	44.10 -1.60 0.00	47.14 -3.39 0.00	65.54 -7.61 0.00	77.46 -8.23 0.00	57.31 -6.65 0.00	51.56 -4.61 0.00	46.44 -3.87 0.00	42.49 -3.35 0.00	42.81 -3.52 0.00	44.28 -3.95 0.00	44.32 -4.22 0.00	49.42 -5.92 0.01	63.36 -7.83 0.00	72.70 -8.53 0.00	64.69 -7.35 0.00	59.10 -7.23 -0.03	53.56 -6.48 -0.03	48.83 -5.71 -0.18	44.97 -4.29 0.00	41.36 -3.62 -0.26
NIAGARA____ 23760	49.47 -1.32 0.00	46.34 -0.95 0.00	44.10 -0.95 0.00	43.74 -0.71 0.00	44.78 -0.91 0.00	47.90 -2.63 0.00	66.71 -6.44 0.00	78.74 -6.94 0.00	58.27 -5.69 0.00	52.40 -3.76 0.00	47.20 -3.12 0.00	43.13 -2.70 0.00	43.46 -2.87 0.00	45.00 -3.23 0.00	45.00 -3.54 0.00	50.25 -5.09 0.01	64.50 -6.70 0.00	73.60 -7.64 0.00	65.77 -6.27 0.00	59.96 -6.36 -0.03	54.34 -5.70 -0.03	49.60 -4.95 -0.19	45.71 -3.55 0.00	41.96 -3.04 -0.27
NINE_MILE_1 23575	49.06 -1.73 0.00	45.68 -1.61 0.00	43.52 -1.53 0.00	42.94 -1.51 0.00	44.14 -1.55 0.00	48.76 -1.77 0.00	70.36 -2.78 0.00	82.60 -3.08 0.00	61.60 -2.37 0.00	54.14 -2.02 0.00	48.51 -1.81 0.00	44.18 -1.65 0.00	44.62 -1.71 0.00	46.45 -1.78 0.00	46.75 -1.80 0.00	53.19 -2.16 0.00	68.49 -2.71 0.00	78.15 -3.09 0.00	69.37 -2.66 0.00	63.79 -2.52 -0.01	57.81 -2.22 -0.01	52.39 -2.07 -0.10	47.39 -1.87 0.00	43.17 -1.70 -0.14
NINE_MILE_2 23744	49.06 -1.73 0.00	45.68 -1.61 0.00	43.52 -1.53 0.00	42.94 -1.51 0.00	44.14 -1.55 0.00	48.76 -1.77 0.00	70.36 -2.78 0.00	82.60 -3.08 0.00	61.60 -2.37 0.00	54.14 -2.02 0.00	48.51 -1.81 0.00	44.18 -1.65 0.00	44.62 -1.71 0.00	46.45 -1.78 0.00	46.75 -1.80 0.00	53.19 -2.16 0.00	68.49 -2.71 0.00	78.15 -3.09 0.00	69.37 -2.66 0.00	63.79 -2.52 -0.01	57.81 -2.22 -0.01	52.39 -2.07 -0.09	47.39 -1.87 0.00	43.17 -1.70 -0.14
NM_CAPITAL___DRP 24208	51.30 0.51 0.00	47.85 0.57 0.00	45.64 0.59 0.00	45.03 0.58 0.00	46.25 0.55 0.00	51.24 0.71 0.00	74.24 1.10 0.00	86.79 1.11 0.00	64.93 0.96 0.00	56.89 0.73 0.00	50.87 0.55 0.00	46.38 0.55 0.00	46.84 0.51 0.00	48.91 0.68 0.00	49.23 0.68 0.00	56.23 0.89 0.00	72.41 1.21 0.00	82.62 1.38 0.00	73.26 1.22 0.00	67.70 1.13 -0.27	61.29 1.02 -0.25	57.05 0.92 -1.77	50.15 0.89 0.00	48.08 0.81 -2.54
NM_CENTRAL___DRP 24181	50.13 -0.66 0.00	46.67 -0.61 0.00	44.42 -0.63 0.00	43.87 -0.58 0.00	45.10 -0.59 0.00	49.82 -0.71 0.00	71.83 -1.32 0.00	84.48 -1.20 0.00	62.94 -1.02 0.00	55.32 -0.84 0.00	49.61 -0.70 0.00	45.19 -0.64 0.00	45.64 -0.70 0.00	47.51 -0.72 0.00	47.77 -0.78 0.00	54.30 -1.05 0.00	69.91 -1.28 0.00	79.85 -1.38 0.00	70.81 -1.22 0.00	65.13 -1.19 -0.02	58.95 -1.08 -0.02	53.40 -1.09 -0.13	48.37 -0.89 0.00	44.07 -0.85 -0.19

NM_FRONTIER___DRP 24179	48.71 -2.08 0.00	45.68 -1.61 0.00	44.11 -0.95 0.00	43.12 -1.33 0.00	44.10 -1.60 0.00	47.14 -3.39 0.00	65.54 -7.61 0.00	77.46 -8.23 0.00	57.31 -6.65 0.00	51.56 -4.61 0.00	46.44 -3.87 0.00	42.49 -3.35 0.00	42.81 -3.52 0.00	44.28 -3.95 0.00	44.32 -4.22 0.00	49.42 -5.92 0.01	63.36 -7.83 0.00	72.70 -8.53 0.00	64.69 -7.35 0.00	59.10 -7.23 -0.03	53.56 -6.48 -0.03	48.83 -5.71 -0.18	44.97 -4.29 0.00	41.36 -3.62 -0.26
NM_ST_REGIS___HYD 24053	51.80 1.02 0.00	47.99 0.71 0.00	45.73 0.68 0.00	45.07 0.62 0.00	46.43 0.73 0.00	50.13 -0.40 0.00	71.97 -1.17 0.00	85.08 -0.60 0.00	62.94 -1.02 0.00	55.71 -0.45 0.00	49.71 -0.60 0.00	44.91 -0.92 0.00	45.50 -0.83 0.00	47.07 -1.16 0.00	47.72 -0.83 0.00	54.30 -1.05 0.00	68.99 -2.21 0.00	78.07 -3.17 0.00	68.87 -3.17 0.00	64.45 -1.86 0.00	58.52 -1.50 0.00	54.22 -0.16 -0.03	48.18 -1.08 0.00	44.28 -0.49 -0.04
NORTHPORT___1 23551	54.61 3.81 -0.01	50.55 3.26 0.00	47.98 2.93 0.00	47.21 2.76 0.00	48.63 2.93 0.00	54.12 3.59 0.00	76.21 3.07 0.00	88.34 2.66 0.00	66.46 2.49 0.00	60.60 4.44 0.00	54.85 4.53 0.00	50.15 4.31 -0.01	50.69 4.35 0.00	52.87 4.63 -0.01	52.93 4.37 -0.02	59.94 4.59 0.00	76.89 5.70 0.00	87.41 6.17 0.00	78.10 6.05 -0.01	72.23 5.70 -0.23	65.02 4.80 -0.20	60.40 4.62 -1.43	53.86 4.58 -0.02	50.86 4.07 -2.06
NORTHPORT___2 23552	54.61 3.81 -0.01	50.55 3.26 0.00	47.98 2.93 0.00	47.21 2.76 0.00	48.63 2.93 0.00	54.12 3.59 0.00	76.21 3.07 0.00	88.34 2.66 0.00	66.46 2.49 0.00	60.60 4.44 0.00	54.85 4.53 0.00	50.15 4.31 -0.01	50.69 4.35 0.00	52.87 4.63 -0.01	52.93 4.37 -0.02	59.94 4.59 0.00	76.89 5.70 0.00	87.41 6.17 0.00	78.10 6.05 -0.01	72.23 5.70 -0.23	65.02 4.80 -0.20	60.40 4.62 -1.43	53.86 4.58 -0.02	50.86 4.07 -2.06
NORTHPORT___3 23553	54.45 3.66 -0.01	50.41 3.12 0.00	47.85 2.79 0.00	47.07 2.62 0.00	48.44 2.74 0.00	53.97 3.44 0.00	75.99 2.85 0.00	88.08 2.40 0.00	66.33 2.37 0.00	60.43 4.27 0.00	54.69 4.38 0.00	50.01 4.17 -0.01	50.55 4.22 0.00	52.77 4.53 -0.01	52.78 4.22 -0.02	59.78 4.43 0.00	76.68 5.48 0.00	87.25 6.01 0.00	77.88 5.83 -0.01	72.01 5.50 -0.21	64.84 4.62 -0.20	60.14 4.46 -1.33	53.71 4.44 -0.02	50.73 3.94 -2.06
NORTHPORT___4 23650	54.45 3.66 -0.01	50.41 3.12 0.00	47.85 2.79 0.00	47.07 2.62 0.00	48.44 2.74 0.00	53.97 3.44 0.00	75.99 2.85 0.00	88.08 2.40 0.00	66.33 2.37 0.00	60.43 4.27 0.00	54.69 4.38 0.00	50.01 4.17 -0.01	50.55 4.22 0.00	52.77 4.53 -0.01	52.78 4.22 -0.02	59.78 4.43 0.00	76.68 5.48 0.00	87.25 6.01 0.00	77.88 5.83 -0.01	72.01 5.50 -0.21	64.84 4.62 -0.20	60.14 4.46 -1.33	53.71 4.44 -0.02	50.73 3.94 -2.06
NORTHPORT___IC 23718	54.60 3.81 -0.01	50.55 3.26 0.00	47.98 2.93 0.00	47.21 2.76 0.00	48.62 2.92 0.00	54.12 3.59 0.00	76.21 3.07 0.00	88.34 2.66 0.00	66.46 2.49 0.00	60.10 3.93 0.00	54.84 4.53 0.00	50.19 4.35 -0.01	50.69 4.36 0.00	52.87 4.63 -0.01	52.93 4.37 -0.02	59.89 4.54 0.00	77.18 5.98 0.00	87.41 6.17 0.00	78.09 6.05 -0.01	72.16 5.64 -0.23	65.08 4.86 -0.20	60.41 4.62 -1.43	53.86 4.58 -0.02	50.86 4.07 -2.06
NORTH___COUNTRY_ESR 323785	51.50 0.71 0.00	47.71 0.42 0.00	45.46 0.40 0.00	44.85 0.40 0.00	46.20 0.50 0.00	49.98 -0.55 0.00	71.75 -1.39 0.00	84.66 -1.02 0.00	62.75 -1.22 0.00	54.36 -1.80 0.00	49.81 -0.50 0.00	45.05 -0.78 0.00	45.68 -0.65 0.00	47.51 -0.72 0.00	48.11 -0.44 0.00	54.41 -0.94 0.00	69.49 -1.71 0.00	78.88 -2.36 0.00	69.66 -2.38 0.00	64.71 -1.59 0.00	58.81 -1.20 0.00	54.30 -0.05 0.00	48.17 -1.08 0.00	43.97 -0.76 0.00
NPX_GEN_1385_PROXY 323591	54.61 3.81 -0.01	50.74 3.45 0.00	48.16 3.11 0.00	47.38 2.93 0.00	48.94 3.24 0.00	58.55 4.04 -3.98	80.38 3.73 -3.51	118.95 3.34 -29.93	66.91 2.94 0.00	60.77 4.61 0.00	54.74 4.43 0.00	50.24 4.40 -0.01	50.64 4.31 0.00	53.01 4.78 -0.01	53.98 4.81 -0.63	73.15 5.04 -12.77	94.95 6.27 -17.49	94.61 6.90 -6.47	87.96 6.62 -9.30	80.85 6.23 -8.32	86.21 5.34 -20.86	68.17 5.11 -8.71	54.20 4.93 -0.02	52.55 4.43 -3.39
NPX_GEN_CSC 323557	55.67 4.88 -0.01	51.45 4.16 0.00	48.79 3.74 0.00	48.01 3.56 0.00	49.40 3.70 0.00	55.08 4.55 0.00	78.04 4.90 0.00	90.13 4.45 0.00	67.93 3.97 0.00	61.61 5.45 0.00	55.70 5.39 0.00	50.88 5.04 -0.01	51.48 5.14 0.00	53.78 5.54 -0.01	53.95 5.39 -0.02	61.48 6.09 -0.04	79.00 7.76 -0.04	89.76 8.53 0.00	80.32 8.28 -0.01	74.86 7.75 -0.81	66.86 6.60 -0.24	65.80 6.19 -5.24	54.89 5.61 -0.02	51.75 4.96 -2.06
NSINS_S_GLNS_FALLS 23858	54.14 3.35 0.00	50.55 3.26 0.00	47.98 2.93 0.00	47.43 2.98 0.00	48.76 3.06 0.00	54.22 3.69 0.00	78.92 5.78 0.00	92.45 6.77 0.00	68.70 4.73 0.00	59.81 3.65 0.00	53.18 2.87 0.00	48.21 2.38 0.00	48.51 2.18 0.00	50.45 2.22 0.00	50.88 2.33 0.00	58.72 3.38 0.00	75.97 4.77 0.00	87.16 5.93 0.00	77.15 5.11 0.00	71.16 4.57 -0.28	64.72 4.44 -0.26	60.10 3.91 -1.83	52.71 3.45 0.00	50.40 3.04 -2.63
NUCOR_STEEL___DRP 24197	50.79 0.00 0.00	47.33 0.05 0.00	45.05 0.00 0.00	44.50 0.04 0.00	45.74 0.05 0.00	50.48 -0.05 0.00	72.78 -0.37 0.00	85.68 0.00 0.00	63.77 -0.19 0.00	55.94 -0.22 0.00	50.06 -0.25 0.00	45.60 -0.23 0.00	46.01 -0.32 0.00	47.94 -0.29 0.00	48.21 -0.34 0.00	54.85 -0.50 0.00	70.77 -0.43 0.00	80.91 -0.32 0.00	71.89 -0.14 0.00	66.06 -0.27 -0.03	59.74 -0.30 -0.02	54.09 -0.43 -0.17	48.96 -0.30 0.00	44.62 -0.36 -0.25
NUMBER_THREE_WT_PWR 323818	51.65 0.86 0.00	48.14 0.85 0.00	45.68 0.63 0.00	44.99 0.54 0.00	46.29 0.59 0.00	51.09 0.56 0.00	74.17 1.02 0.00	87.99 2.31 0.00	64.67 0.70 0.00	56.16 0.00 0.00	50.32 0.00 0.00	45.60 -0.23 0.00	46.01 -0.32 0.00	47.84 -0.39 0.00	48.35 -0.19 0.00	55.46 0.11 0.00	70.62 -0.57 0.00	80.34 -0.89 0.00	70.66 -1.37 0.00	65.44 -0.86 -0.01	59.54 -0.48 -0.01	54.09 -0.32 -0.05	48.52 -0.74 0.00	44.27 -0.53 -0.08
NYISO_LBMP_REFERENCE 24008	50.79 0.00 0.00	47.29 0.00 0.00	45.05 0.00 0.00	44.45 0.00 0.00	45.70 0.00 0.00	50.53 0.00 0.00	73.14 0.00 0.00	85.68 0.00 0.00	63.97 0.00 0.00	56.16 0.00 0.00	50.32 0.00 0.00	45.83 0.00 0.00	46.33 0.00 0.00	48.23 0.00 0.00	48.55 0.00 0.00	55.35 0.00 0.00	71.20 0.00 0.00	81.23 0.00 0.00	72.04 0.00 0.00	66.30 0.00 0.00	60.01 0.00 0.00	54.36 0.00 0.00	49.26 0.00 0.00	44.73 0.00 0.00
NYPA_BRENTWD____GT 24164	55.47 4.67 -0.01	51.30 4.02 0.00	48.70 3.65 0.00	47.92 3.47 0.00	49.31 3.61 0.00	54.98 4.45 0.00	78.04 4.90 0.00	90.39 4.71 0.00	67.80 3.84 0.00	61.44 5.28 0.00	55.60 5.28 0.00	50.79 4.95 -0.01	51.38 5.05 0.00	53.64 5.40 -0.01	53.70 5.14 -0.02	60.44 5.09 0.00	78.74 7.54 0.00	89.52 8.29 0.00	80.04 8.00 -0.01	73.08 6.50 -0.28	65.93 5.70 -0.21	61.36 5.22 -1.78	54.64 5.37 -0.02	51.58 4.79 -2.06

NYPA_GOWANUS____GT5 24156	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	61.99 3.43 -3.21	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NYPA_GOWANUS____GT6 24157	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	59.80 3.03 -0.61	54.21 3.87 -0.02	49.33 3.48 -0.02	49.97 3.62 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	61.99 3.43 -3.21	75.97 4.77 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.43	53.17 3.89 -0.02	50.27 3.49 -2.05
NYPA_HARLEM__RVR__GT1 24160	53.59 2.79 -0.01	49.80 2.50 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.13 4.45 0.00	67.75 3.77 -0.01	59.96 3.20 -0.60	53.90 3.57 -0.01	49.09 3.25 -0.01	49.72 3.38 -0.01	51.71 3.47 -0.01	51.95 3.40 -0.01	62.23 3.65 -3.23	75.76 4.56 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.96 4.44 -0.22	64.24 4.02 -0.20	59.32 3.53 -1.43	52.66 3.40 -0.01	49.96 3.18 -2.05
NYPA_HARLEM__RVR__GT2 24161	53.59 2.79 -0.01	49.80 2.50 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.31 4.17 0.00	90.13 4.45 0.00	67.75 3.77 -0.01	59.96 3.20 -0.60	53.90 3.57 -0.01	49.09 3.25 -0.01	49.72 3.38 -0.01	51.71 3.47 -0.01	51.95 3.40 -0.01	62.23 3.65 -3.23	75.76 4.56 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.96 4.44 -0.22	64.24 4.02 -0.20	59.32 3.53 -1.43	52.66 3.40 -0.01	49.96 3.18 -2.05
NYPA_KENT____GT 24152	53.64 2.84 -0.01	49.75 2.46 -0.01	47.40 2.34 -0.01	46.64 2.18 -0.01	47.99 2.28 -0.01	53.57 3.03 -0.01	77.24 4.09 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	60.03 3.26 -0.61	54.11 3.78 -0.02	49.29 3.44 -0.02	49.92 3.57 -0.02	51.91 3.66 -0.02	52.21 3.64 -0.02	62.25 3.65 -3.24	75.89 4.70 0.00	86.59 5.36 0.00	76.79 4.75 0.00	70.96 4.44 -0.22	64.35 4.14 -0.20	59.75 3.97 -1.43	53.01 3.74 -0.01	50.09 3.31 -2.05
NYPA_POUCH1____GT 24155	53.79 3.00 -0.01	49.94 2.65 -0.01	47.54 2.48 -0.01	46.81 2.35 -0.01	48.17 2.47 -0.01	53.72 3.19 -0.01	77.02 3.87 0.00	89.54 3.86 0.00	67.62 3.64 -0.01	59.52 2.75 -0.61	54.15 3.82 -0.02	49.29 3.44 -0.02	49.92 3.57 -0.02	51.96 3.71 -0.02	52.25 3.69 -0.02	61.70 3.15 -3.20	75.68 4.49 0.00	86.44 5.20 0.00	76.65 4.61 0.00	70.89 4.37 -0.22	64.24 4.02 -0.20	59.97 4.19 -1.43	53.26 3.99 -0.02	50.31 3.53 -2.05
NYPA_VERNON____GT2 24162	53.49 2.69 -0.01	49.66 2.36 -0.01	47.27 2.21 -0.01	46.55 2.09 -0.01	47.90 2.19 -0.01	53.47 2.93 -0.01	77.16 4.02 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	60.26 3.48 -0.61	54.05 3.72 -0.02	49.24 3.39 -0.02	49.87 3.52 -0.02	51.87 3.62 -0.02	52.10 3.54 -0.02	62.40 3.82 -3.24	75.89 4.70 0.00	86.59 5.36 0.00	76.79 4.75 0.00	70.96 4.44 -0.22	64.30 4.08 -0.20	59.59 3.80 -1.43	52.86 3.59 -0.01	49.96 3.18 -2.05
NYPA_VERNON____GT3 24163	53.49 2.69 -0.01	49.66 2.36 -0.01	47.27 2.21 -0.01	46.55 2.09 -0.01	47.90 2.19 -0.01	53.47 2.93 -0.01	77.16 4.02 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	60.26 3.48 -0.61	54.05 3.72 -0.02	49.24 3.39 -0.02	49.87 3.52 -0.02	51.87 3.62 -0.02	52.10 3.54 -0.02	62.40 3.82 -3.24	75.89 4.70 0.00	86.59 5.36 0.00	76.79 4.75 0.00	70.96 4.44 -0.22	64.30 4.08 -0.20	59.59 3.80 -1.43	52.86 3.59 -0.01	49.96 3.18 -2.05
NYPA____ASTORIA_CC1 323568	53.49 2.69 -0.01	49.66 2.36 -0.01	47.27 2.21 -0.01	46.55 2.09 -0.01	47.90 2.19 -0.01	53.47 2.93 -0.01	77.16 4.02 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	60.20 3.43 -0.61	54.00 3.67 -0.02	49.19 3.34 -0.02	49.83 3.48 -0.02	51.82 3.57 -0.02	52.10 3.54 -0.02	62.35 3.77 -3.24	75.89 4.70 0.00	86.59 5.36 0.00	76.72 4.68 0.00	70.96 4.44 -0.22	64.30 4.08 -0.20	59.53 3.75 -1.43	52.82 3.55 -0.01	49.96 3.18 -2.05
NYPA____ASTORIA_CC2 323569	53.49 2.69 -0.01	49.66 2.36 -0.01	47.27 2.21 -0.01	46.55 2.09 -0.01	47.90 2.19 -0.01	53.47 2.93 -0.01	77.16 4.02 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	60.20 3.43 -0.61	54.00 3.67 -0.02	49.19 3.34 -0.02	49.83 3.48 -0.02	51.82 3.57 -0.02	52.10 3.54 -0.02	62.35 3.77 -3.24	75.89 4.70 0.00	86.59 5.36 0.00	76.72 4.68 0.00	70.96 4.44 -0.22	64.30 4.08 -0.20	59.53 3.75 -1.43	52.82 3.55 -0.01	49.96 3.18 -2.05
NYPA____HOLTSVILL 23794	54.96 4.17 -0.01	50.83 3.55 0.00	48.25 3.20 0.00	47.47 3.02 0.00	48.85 3.15 0.00	54.47 3.94 0.00	76.94 3.80 0.00	88.94 3.26 0.00	67.10 3.13 0.00	60.94 4.77 0.00	55.15 4.83 0.00	50.42 4.58 -0.01	50.97 4.63 0.00	53.21 4.97 -0.01	53.27 4.71 -0.02	60.65 5.26 -0.04	77.78 6.55 -0.04	88.30 7.06 0.00	78.89 6.85 -0.01	73.61 6.50 -0.81	65.84 5.58 -0.24	64.87 5.27 -5.25	54.20 4.93 -0.02	51.18 4.39 -2.06
NYPA____HELLGATE_GT1 24158	53.59 2.79 -0.01	49.80 2.50 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.24 4.09 0.00	90.05 4.37 0.00	67.68 3.71 -0.01	59.85 3.09 -0.60	53.90 3.57 -0.01	49.09 3.25 -0.01	49.72 3.38 -0.01	51.71 3.47 -0.01	51.95 3.40 -0.01	62.23 3.65 -3.23	75.68 4.49 0.00	86.36 5.12 0.00	76.58 4.54 0.00	70.82 4.31 -0.22	64.18 3.96 -0.20	59.32 3.53 -1.43	52.66 3.40 -0.01	49.96 3.18 -2.05
NYPA____HELLGATE_GT2 24159	53.59 2.79 -0.01	49.80 2.50 -0.01	47.40 2.34 -0.01	46.68 2.22 -0.01	48.04 2.33 -0.01	53.57 3.03 -0.01	77.24 4.09 0.00	90.05 4.37 0.00	67.68 3.71 -0.01	59.85 3.09 -0.60	53.90 3.57 -0.01	49.09 3.25 -0.01	49.72 3.38 -0.01	51.71 3.47 -0.01	51.95 3.40 -0.01	62.23 3.65 -3.23	75.68 4.49 0.00	86.36 5.12 0.00	76.58 4.54 0.00	70.82 4.31 -0.22	64.18 3.96 -0.20	59.32 3.53 -1.43	52.66 3.40 -0.01	49.96 3.18 -2.05
NYS_BARGE____HYD 23848	50.18 -0.61 0.00	47.00 -0.28 0.00	44.74 -0.31 0.00	44.41 -0.04 0.00	45.43 -0.27 0.00	48.21 -2.32 0.00	67.36 -5.78 0.00	79.60 -6.08 0.00	58.79 -5.18 0.00	52.68 -3.48 0.00	47.40 -2.92 0.00	43.36 -2.48 0.00	43.64 -2.69 0.00	45.19 -3.04 0.00	45.20 -3.35 0.00	50.53 -4.82 0.01	65.00 -6.19 0.00	74.33 -6.91 0.00	66.34 -5.69 0.00	60.42 -5.90 -0.03	54.70 -5.34 -0.03	49.81 -4.73 -0.18	45.96 -3.30 0.00	42.09 -2.91 -0.26
OAK ORCHARD____HYD 24046	50.43 -0.35 0.00	47.10 -0.19 0.00	44.74 -0.31 0.00	44.32 -0.13 0.00	45.47 -0.23 0.00	49.47 -1.06 0.00	70.36 -2.78 0.00	83.02 -2.66 0.00	61.60 -2.37 0.00	54.53 -1.63 0.00	48.91 -1.41 0.00	44.64 -1.19 0.00	44.99 -1.35 0.00	46.69 -1.55 0.00	46.89 -1.65 0.00	52.91 -2.43 0.00	68.35 -2.85 0.00	78.15 -3.09 0.00	69.51 -2.52 0.00	63.73 -2.59 -0.02	57.93 -2.10 -0.02	52.55 -1.95 -0.15	47.68 -1.58 0.00	43.74 -1.21 -0.22

OAKDALE___35_KV_LOAD 356122	51.35 0.56 0.00	47.85 0.57 0.00	45.59 0.54 0.00	44.98 0.53 0.00	46.25 0.55 0.00	51.04 0.51 0.00	73.73 0.59 0.00	86.45 0.77 0.00	64.35 0.38 0.00	56.33 0.17 0.00	50.52 0.20 0.00	46.06 0.23 0.00	46.52 0.19 0.00	48.33 0.10 0.00	48.59 0.05 0.00	54.85 -0.50 0.00	70.70 -0.50 0.00	80.83 -0.41 0.00	71.75 -0.29 0.00	65.84 -0.53 -0.07	59.78 -0.30 -0.07	54.35 -0.49 -0.48	49.21 -0.05 0.00	45.24 -0.18 -0.69
OCC_CHEM___DRP 24175	48.86 -1.93 0.00	45.77 -1.51 0.00	44.15 -0.90 0.00	43.25 -1.20 0.00	44.24 -1.46 0.00	47.30 -3.23 0.00	65.76 -7.39 0.00	77.63 -8.05 0.00	57.51 -6.46 0.00	51.67 -4.49 0.00	46.54 -3.77 0.00	42.58 -3.25 0.00	42.90 -3.43 0.00	44.42 -3.81 0.00	44.42 -4.13 0.00	49.53 -5.81 0.01	63.58 -7.62 0.00	72.87 -8.37 0.00	64.83 -7.20 0.00	59.23 -7.09 -0.03	53.68 -6.36 -0.03	48.94 -5.60 -0.18	45.07 -4.19 0.00	41.45 -3.53 -0.26
OH_GEN_PROXY 24063	49.47 -1.32 0.00	46.34 -0.95 0.00	44.06 -0.99 0.00	43.74 -0.71 0.00	44.78 -0.91 0.00	47.96 -2.58 0.00	66.93 -6.22 0.00	78.91 -6.77 0.00	58.46 -5.50 0.00	52.51 -3.65 0.00	47.24 -3.07 0.00	43.22 -2.61 0.00	43.51 -2.83 0.00	45.05 -3.18 0.00	45.10 -3.45 0.00	50.36 -4.98 0.01	64.72 -6.48 0.00	73.84 -7.39 0.00	65.98 -6.05 0.00	60.16 -6.16 -0.03	54.46 -5.58 -0.03	49.65 -4.89 -0.18	45.76 -3.50 0.00	42.00 -3.00 -0.26
OLIN_CORP_DRP 24177	49.62 -1.17 0.00	46.53 -0.76 0.00	43.79 -1.26 0.00	43.96 -0.49 0.00	44.97 -0.73 0.00	47.55 -2.98 0.00	66.19 -6.95 0.00	78.14 -7.54 0.00	57.82 -6.14 0.00	51.95 -4.21 0.00	46.79 -3.52 0.00	42.81 -3.02 0.00	43.14 -3.20 0.00	44.61 -3.62 0.00	44.61 -3.93 0.00	49.81 -5.53 0.01	63.93 -7.26 0.00	73.35 -7.88 0.00	65.34 -6.70 0.00	59.63 -6.70 -0.03	53.98 -6.06 -0.03	49.10 -5.44 -0.18	45.32 -3.94 0.00	41.59 -3.40 -0.26
OLIN_CORP_DSASP 323712	48.86 -1.93 0.00	45.77 -1.51 0.00	44.15 -0.90 0.00	43.25 -1.20 0.00	44.24 -1.46 0.00	47.30 -3.23 0.00	65.76 -7.39 0.00	77.63 -8.05 0.00	57.51 -6.46 0.00	51.67 -4.49 0.00	46.54 -3.77 0.00	42.58 -3.25 0.00	42.90 -3.43 0.00	44.42 -3.81 0.00	44.42 -4.13 0.00	49.53 -5.81 0.01	63.58 -7.62 0.00	72.87 -8.37 0.00	64.83 -7.20 0.00	59.23 -7.09 -0.03	53.68 -6.36 -0.03	48.94 -5.60 -0.18	45.07 -4.19 0.00	41.45 -3.53 -0.26
ONEIDA_HERK_LFGE 323681	51.86 1.07 0.00	48.32 1.04 0.00	45.95 0.90 0.00	45.29 0.84 0.00	46.61 0.91 0.00	51.54 1.01 0.00	74.83 1.68 0.00	88.34 2.66 0.00	65.31 1.35 0.00	57.06 0.90 0.00	50.97 0.65 0.00	46.34 0.51 0.00	46.75 0.42 0.00	48.66 0.43 0.00	49.08 0.53 0.00	56.23 0.88 0.00	72.12 0.92 0.00	82.21 0.98 0.00	72.54 0.51 0.00	66.90 0.60 -0.01	60.68 0.66 -0.01	55.00 0.60 -0.05	49.56 0.30 0.00	45.11 0.32 -0.07
ONEIDA___115KV_TB4 55905	52.06 1.27 0.00	48.56 1.28 0.00	46.18 1.13 0.00	45.52 1.07 0.00	46.84 1.14 0.00	51.89 1.36 0.00	75.34 2.19 0.00	88.77 3.08 0.00	65.76 1.79 0.00	57.57 1.40 0.00	51.32 1.01 0.00	46.70 0.87 0.00	47.12 0.79 0.00	49.05 0.82 0.00	49.42 0.87 0.00	56.57 1.22 0.00	72.90 1.71 0.00	83.18 1.95 0.00	73.55 1.51 0.00	67.70 1.39 -0.01	61.29 1.26 -0.01	55.42 0.98 -0.09	50.10 0.84 0.00	45.62 0.76 -0.12
ONONDAGA_REF_OCCRA 23987	50.38 -0.41 0.00	46.95 -0.33 0.00	44.65 -0.41 0.00	44.10 -0.36 0.00	45.33 -0.37 0.00	50.08 -0.45 0.00	72.34 -0.80 0.00	85.08 -0.60 0.00	63.39 -0.58 0.00	55.66 -0.51 0.00	49.86 -0.45 0.00	45.42 -0.41 0.00	45.87 -0.46 0.00	47.75 -0.48 0.00	48.06 -0.49 0.00	54.63 -0.72 0.00	70.41 -0.78 0.00	80.42 -0.81 0.00	71.39 -0.65 0.00	65.59 -0.73 -0.03	59.32 -0.72 -0.02	53.76 -0.76 -0.17	48.67 -0.59 0.00	44.39 -0.58 -0.24
ONONDAGA___COGEN 23986	50.38 -0.41 0.00	46.95 -0.33 0.00	44.65 -0.41 0.00	44.10 -0.36 0.00	45.33 -0.37 0.00	50.08 -0.45 0.00	72.34 -0.80 0.00	85.08 -0.60 0.00	63.39 -0.58 0.00	55.66 -0.51 0.00	49.86 -0.45 0.00	45.42 -0.41 0.00	45.82 -0.51 0.00	47.75 -0.48 0.00	48.01 -0.53 0.00	54.63 -0.72 0.00	70.41 -0.78 0.00	80.42 -0.81 0.00	71.39 -0.65 0.00	65.59 -0.73 -0.02	59.31 -0.72 -0.02	53.74 -0.76 -0.15	48.67 -0.59 0.00	44.32 -0.63 -0.21
ONTARIO___LFGE 23819	50.49 -0.30 0.00	47.10 -0.19 0.00	44.78 -0.27 0.00	44.27 -0.18 0.00	45.47 -0.23 0.00	49.93 -0.60 0.00	71.75 -1.39 0.00	84.66 -1.02 0.00	62.88 -1.09 0.00	55.38 -0.79 0.00	49.56 -0.75 0.00	45.14 -0.69 0.00	45.55 -0.79 0.00	47.36 -0.87 0.00	47.62 -0.92 0.00	54.02 -1.33 0.00	69.77 -1.42 0.00	79.77 -1.46 0.00	70.88 -1.16 0.00	65.06 -1.26 -0.02	58.96 -1.08 -0.02	53.36 -1.14 -0.15	48.32 -0.94 0.00	44.14 -0.80 -0.21
ORANGEVILLE_WT_PWR 323706	50.54 -0.25 0.00	47.38 0.09 0.00	45.01 -0.05 0.00	44.63 0.18 0.00	45.70 0.00 0.00	49.12 -1.41 0.00	69.12 -4.02 0.00	81.31 -4.37 0.00	59.74 -4.22 0.00	53.36 -2.81 0.00	48.05 -2.26 0.00	43.95 -1.88 0.00	44.20 -2.13 0.00	45.77 -2.46 0.00	45.78 -2.77 0.00	51.52 -3.82 0.01	66.57 -4.63 0.00	76.12 -5.12 0.00	68.00 -4.03 0.00	61.89 -4.44 -0.03	55.13 -4.92 -0.03	50.13 -4.46 -0.23	46.60 -2.66 0.00	42.29 -2.77 -0.33
ORANGEVILLE___ESR 323794	50.54 -0.25 0.00	47.38 0.09 0.00	45.01 -0.05 0.00	44.63 0.18 0.00	45.70 0.00 0.00	49.12 -1.41 0.00	69.12 -4.02 0.00	81.31 -4.37 0.00	59.74 -4.22 0.00	53.36 -2.81 0.00	48.05 -2.26 0.00	43.95 -1.88 0.00	44.20 -2.13 0.00	45.77 -2.46 0.00	45.78 -2.77 0.00	51.52 -3.82 0.01	66.57 -4.63 0.00	76.12 -5.12 0.00	68.00 -4.03 0.00	61.89 -4.44 -0.03	55.13 -4.92 -0.03	50.13 -4.46 -0.23	46.60 -2.66 0.00	42.29 -2.77 -0.33
OSWEGATCHIE___HYD 24044	51.19 0.40 0.00	47.57 0.29 0.00	45.23 0.18 0.00	44.58 0.13 0.00	45.88 0.18 0.00	50.07 -0.46 0.00	72.19 -0.95 0.00	85.51 -0.17 0.00	63.01 -0.96 0.00	54.53 -1.63 0.00	49.41 -0.90 0.00	44.73 -1.10 0.00	45.22 -1.11 0.00	46.88 -1.35 0.00	47.43 -1.11 0.00	54.08 -1.27 0.00	68.85 -2.35 0.00	78.15 -3.09 0.00	68.87 -3.17 0.00	64.12 -2.19 -0.01	58.40 -1.62 -0.01	53.64 -0.76 -0.04	47.93 -1.33 0.00	43.94 -0.85 -0.06
OSWEGO___5 23606	49.47 -1.32 0.00	46.11 -1.18 0.00	43.88 -1.17 0.00	43.29 -1.16 0.00	44.51 -1.19 0.00	49.17 -1.36 0.00	71.02 -2.12 0.00	83.37 -2.31 0.00	62.11 -1.86 0.00	54.59 -1.57 0.00	48.91 -1.41 0.00	44.55 -1.28 0.00	44.99 -1.35 0.00	46.83 -1.40 0.00	47.14 -1.41 0.00	53.63 -1.72 0.00	69.06 -2.13 0.00	78.80 -2.43 0.00	69.94 -2.09 0.00	64.33 -1.99 -0.02	58.23 -1.80 -0.02	52.78 -1.69 -0.11	47.78 -1.48 0.00	43.55 -1.34 -0.16
OSWEGO___6 23613	49.47 -1.32 0.00	46.11 -1.18 0.00	43.88 -1.17 0.00	43.29 -1.16 0.00	44.51 -1.19 0.00	49.17 -1.36 0.00	71.02 -2.12 0.00	83.37 -2.31 0.00	62.11 -1.86 0.00	54.59 -1.57 0.00	48.91 -1.41 0.00	44.55 -1.28 0.00	44.99 -1.35 0.00	46.83 -1.40 0.00	47.14 -1.41 0.00	53.63 -1.72 0.00	69.06 -2.13 0.00	78.80 -2.43 0.00	69.94 -2.09 0.00	64.33 -1.99 -0.02	58.23 -1.80 -0.02	52.78 -1.69 -0.11	47.78 -1.48 0.00	43.55 -1.34 -0.16

OUTOKUMPU-AB___DRP 24206	50.18 -0.61 0.00	47.05 -0.24 0.00	44.83 -0.23 0.00	44.41 -0.04 0.00	45.42 -0.27 0.00	48.46 -2.07 0.00	67.73 -5.41 0.00	80.03 -5.65 0.00	59.10 -4.86 0.00	52.96 -3.20 0.00	47.75 -2.57 0.00	43.63 -2.20 0.00	43.97 -2.36 0.00	45.53 -2.70 0.00	45.54 -3.01 0.00	50.91 -4.43 0.01	65.43 -5.77 0.00	75.06 -6.17 0.00	66.78 -5.26 0.00	60.82 -5.50 -0.03	55.00 -5.04 -0.03	49.92 -4.62 -0.18	46.20 -3.05 0.00	42.22 -2.77 -0.26
OXBOW___BTM 323836	49.57 -1.22 0.00	46.48 -0.80 0.00	44.20 -0.86 0.00	43.87 -0.58 0.00	44.88 -0.82 0.00	47.96 -2.58 0.00	66.85 -6.29 0.00	79.00 -6.68 0.00	58.40 -5.57 0.00	52.46 -3.71 0.00	47.24 -3.07 0.00	43.17 -2.66 0.00	43.46 -2.87 0.00	45.05 -3.18 0.00	45.05 -3.50 0.00	50.30 -5.04 0.01	64.65 -6.55 0.00	73.76 -7.47 0.00	65.84 -6.20 0.00	60.03 -6.30 -0.03	54.28 -5.76 -0.03	49.49 -5.05 -0.19	45.71 -3.55 0.00	41.92 -3.09 -0.27
OXBOW___ 24026	49.57 -1.22 0.00	46.48 -0.80 0.00	44.56 -0.50 0.00	43.87 -0.58 0.00	44.88 -0.82 0.00	47.95 -2.58 0.00	66.85 -6.29 0.00	79.00 -6.68 0.00	58.40 -5.57 0.00	52.40 -3.76 0.00	47.25 -3.07 0.00	43.17 -2.66 0.00	43.51 -2.83 0.00	45.05 -3.18 0.00	45.05 -3.50 0.00	50.30 -5.04 0.01	64.57 -6.62 0.00	74.09 -7.15 0.00	65.91 -6.12 0.00	60.16 -6.17 -0.03	54.40 -5.64 -0.03	49.48 -5.06 -0.18	45.71 -3.55 0.00	41.90 -3.09 -0.26
OXY_CHEM_DSASP 323612	48.86 -1.93 0.00	45.77 -1.51 0.00	44.15 -0.90 0.00	43.25 -1.20 0.00	44.24 -1.46 0.00	47.30 -3.23 0.00	65.76 -7.39 0.00	77.63 -8.05 0.00	57.51 -6.46 0.00	51.67 -4.49 0.00	46.54 -3.77 0.00	42.58 -3.25 0.00	42.90 -3.43 0.00	44.42 -3.81 0.00	44.42 -4.13 0.00	49.53 -5.81 0.01	63.58 -7.62 0.00	72.87 -8.37 0.00	64.83 -7.20 0.00	59.23 -7.09 -0.03	53.68 -6.36 -0.03	48.94 -5.60 -0.18	45.07 -4.19 0.00	41.45 -3.53 -0.26
OZONE_PARK_ESR 323760	53.53 2.74 0.00	49.65 2.36 0.00	47.26 2.21 0.00	46.54 2.09 0.00	47.85 2.15 0.00	53.46 2.93 0.00	77.68 4.53 0.00	90.74 5.06 0.00	68.32 4.35 0.00	60.70 3.93 -0.60	54.21 3.87 -0.02	49.47 3.62 -0.02	50.01 3.66 -0.02	52.01 3.76 -0.02	52.30 3.74 -0.02	62.86 4.32 -3.19	76.53 5.34 0.00	87.33 6.09 0.00	77.44 5.40 0.00	71.56 5.04 -0.22	64.66 4.44 -0.20	59.85 4.08 -1.42	52.95 3.69 0.00	50.00 3.22 -2.04
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	48.86 -1.93 0.00	45.77 -1.51 0.00	44.15 -0.90 0.00	43.25 -1.20 0.00	44.24 -1.46 0.00	47.30 -3.23 0.00	65.76 -7.39 0.00	77.63 -8.05 0.00	57.51 -6.46 0.00	51.67 -4.49 0.00	46.54 -3.77 0.00	42.58 -3.25 0.00	42.90 -3.43 0.00	44.42 -3.81 0.00	44.42 -4.13 0.00	49.53 -5.81 0.01	63.58 -7.62 0.00	72.87 -8.37 0.00	64.83 -7.20 0.00	59.23 -7.09 -0.03	53.68 -6.36 -0.03	48.94 -5.60 -0.18	45.07 -4.19 0.00	41.45 -3.53 -0.26
PACKARD___115KV_DUPONT_184 80571	48.86 -1.93 0.00	45.77 -1.51 0.00	43.57 -1.49 0.00	43.25 -1.20 0.00	44.23 -1.46 0.00	47.30 -3.24 0.00	65.76 -7.38 0.00	77.62 -8.06 0.00	57.51 -6.46 0.00	51.67 -4.50 0.00	46.54 -3.77 0.00	42.58 -3.25 0.00	42.91 -3.43 0.00	44.42 -3.81 0.00	44.42 -4.13 0.00	49.53 -5.81 0.01	63.58 -7.62 0.00	72.46 -8.77 0.00	64.83 -7.20 0.00	59.10 -7.22 -0.03	53.62 -6.42 -0.03	48.95 -5.60 -0.19	45.07 -4.19 0.00	41.47 -3.53 -0.27
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	53.59 2.79 -0.01	49.75 2.46 -0.01	47.36 2.30 -0.01	46.64 2.18 -0.01	47.95 2.24 -0.01	53.52 2.98 -0.01	77.24 4.10 0.00	90.05 4.37 0.00	67.68 3.71 0.00	59.75 2.98 -0.61	53.70 3.37 -0.02	48.96 3.12 -0.02	49.55 3.20 -0.02	51.53 3.28 -0.02	51.81 3.25 -0.02	62.02 3.43 -3.24	75.68 4.49 0.00	86.35 5.12 0.00	76.50 4.47 0.00	70.76 4.24 -0.22	64.18 3.96 -0.20	59.26 3.48 -1.42	52.56 3.30 0.00	49.87 3.09 -2.05
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	54.20 3.40 -0.01	50.37 3.07 -0.01	47.94 2.88 -0.01	47.26 2.80 -0.01	48.58 2.88 -0.01	54.23 3.69 -0.01	78.26 5.12 0.00	91.34 5.65 0.00	68.51 4.54 0.00	60.48 3.71 -0.61	54.26 3.92 -0.02	49.47 3.62 -0.02	50.01 3.66 -0.02	52.06 3.81 -0.02	52.30 3.74 -0.02	62.68 4.10 -3.24	76.61 5.41 0.00	87.33 6.09 0.00	77.44 5.40 0.00	71.62 5.10 -0.22	64.90 4.68 -0.20	59.91 4.13 -1.42	53.20 3.94 0.00	50.45 3.67 -2.05
PATROON___115KV_TB1 80586	51.30 0.51 0.00	47.85 0.57 0.00	45.59 0.54 0.00	45.07 0.62 0.00	46.25 0.55 0.00	51.24 0.71 0.00	74.24 1.10 0.00	86.88 1.20 0.00	64.93 0.96 0.00	56.84 0.67 0.00	50.92 0.60 0.00	46.38 0.55 0.00	46.89 0.56 0.00	48.91 0.68 0.00	49.23 0.68 0.00	56.23 0.89 0.00	72.41 1.21 0.00	82.62 1.38 0.00	73.26 1.22 0.00	67.63 1.06 -0.27	61.29 1.02 -0.25	57.05 0.92 -1.77	50.10 0.84 0.00	48.04 0.76 -2.55
PATTRSNVILLE___SOLAR 323815	52.36 1.58 0.00	48.80 1.51 0.00	46.40 1.35 0.00	45.83 1.38 0.00	47.12 1.42 0.00	52.35 1.82 0.00	75.99 2.85 0.00	88.85 3.17 0.00	65.75 1.79 0.00	57.18 1.01 0.00	50.87 0.55 0.00	46.29 0.46 0.00	46.70 0.37 0.00	48.62 0.38 0.00	49.08 0.53 0.00	56.62 1.27 0.00	73.47 2.28 0.00	84.24 3.01 0.00	74.70 2.67 0.00	68.97 2.38 -0.29	62.51 2.22 -0.27	58.32 2.07 -1.90	51.03 1.77 0.00	48.98 1.52 -2.72
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	50.58 -0.20 0.00	47.47 0.19 0.00	45.01 -0.05 0.00	44.76 0.31 0.00	45.79 0.09 0.00	49.17 -1.36 0.00	69.19 -3.95 0.00	81.40 -4.28 0.00	60.13 -3.84 0.00	53.64 -2.53 0.00	48.45 -1.86 0.00	44.27 -1.56 0.00	44.57 -1.76 0.00	46.11 -2.12 0.00	46.07 -2.48 0.00	51.80 -3.54 0.01	66.57 -4.63 0.00	76.52 -4.71 0.00	68.15 -3.89 0.00	61.22 -5.10 -0.03	55.18 -4.86 -0.03	49.12 -5.44 -0.20	46.80 -2.46 0.00	41.62 -3.40 -0.28
PAWLING_115_KV_BK3_REV_LBMP_H 345028	53.23 2.44 0.00	49.46 2.18 0.00	47.08 2.03 0.00	46.41 1.96 0.00	47.75 2.06 0.00	53.31 2.78 0.00	77.82 4.68 0.00	90.82 5.14 0.00	67.93 3.97 0.00	59.48 3.31 0.00	53.59 3.27 0.00	48.76 2.93 0.00	49.30 2.97 0.00	51.27 3.04 0.00	51.56 3.01 0.00	59.06 3.71 0.00	75.89 4.70 0.00	86.60 5.36 0.00	76.93 4.90 0.00	71.23 4.71 -0.22	64.42 4.20 -0.21	59.43 3.64 -1.44	52.56 3.30 0.00	49.61 2.82 -2.06
PEEKSKILL___ 23653	52.77 1.98 0.00	48.99 1.70 0.00	46.67 1.62 0.00	45.96 1.51 0.00	47.30 1.60 0.00	52.75 2.22 0.00	76.73 3.58 0.00	89.45 3.77 0.00	67.23 3.26 0.00	59.19 3.03 0.00	53.28 2.97 0.00	48.53 2.70 0.00	49.11 2.78 0.00	51.08 2.84 0.00	51.36 2.81 0.00	58.61 3.26 0.00	75.18 3.98 0.00	85.86 4.63 0.00	76.21 4.18 0.00	70.43 3.91 -0.22	63.63 3.42 -0.20	58.86 3.10 -1.41	52.11 2.86 0.00	49.26 2.50 -2.02
PGE MADISON___WINDPWR 24146	54.70 3.91 0.00	51.16 3.88 0.00	48.48 3.42 0.00	47.74 3.29 0.00	49.17 3.47 0.00	54.57 4.04 0.00	79.65 6.51 0.00	94.68 9.00 0.00	69.21 5.25 0.00	60.26 4.10 0.00	53.33 3.02 0.00	48.44 2.61 0.00	48.79 2.46 0.00	50.74 2.51 0.00	51.17 2.62 0.00	59.01 3.65 -0.01	76.39 5.20 0.00	87.33 6.09 0.00	77.08 5.04 0.00	70.94 4.57 -0.07	64.16 4.08 -0.07	57.86 3.04 -0.46	51.97 2.71 0.00	47.72 2.33 -0.66

PIERCEFIELD___HYD 23852	51.65 0.86 0.00	47.85 0.57 0.00	45.59 0.54 0.00	44.94 0.49 0.00	46.25 0.55 0.00	49.92 -0.61 0.00	71.75 -1.39 0.00	84.74 -0.94 0.00	62.69 -1.28 0.00	55.43 -0.73 0.00	49.46 -0.86 0.00	44.69 -1.15 0.00	45.27 -1.07 0.00	46.78 -1.45 0.00	47.43 -1.12 0.00	53.96 -1.38 0.00	68.56 -2.63 0.00	77.50 -3.74 0.00	68.36 -3.67 0.00	64.05 -2.25 0.00	58.16 -1.86 0.00	53.90 -0.49 -0.03	47.93 -1.33 0.00	44.15 -0.63 -0.04
PINELAWN_CC_1 323563	54.96 4.17 -0.01	50.83 3.55 0.00	48.25 3.20 0.00	47.47 3.02 0.00	48.85 3.15 0.00	54.42 3.89 0.00	77.38 4.24 0.00	89.71 4.03 0.00	67.35 3.39 0.00	60.94 4.77 0.00	55.10 4.78 0.00	50.38 4.54 -0.01	50.92 4.59 0.00	53.16 4.92 -0.01	53.17 4.61 -0.01	60.50 5.15 0.00	78.03 6.84 0.00	88.79 7.56 0.00	79.32 7.27 -0.01	73.12 6.56 -0.25	65.80 5.58 -0.21	61.22 5.27 -1.59	54.15 4.88 -0.01	51.08 4.29 -2.06
PJM_GEN_HTTP_PROXY 323702	53.02 2.23 0.00	49.22 1.94 0.00	46.86 1.80 0.00	46.14 1.69 0.00	47.48 1.78 0.00	53.01 2.48 0.00	77.02 3.87 0.00	89.79 4.11 0.00	67.67 3.71 0.00	59.73 3.54 -0.03	53.74 3.42 0.00	48.95 3.12 0.00	49.58 3.24 0.00	51.56 3.33 0.00	51.80 3.25 0.00	59.27 3.77 -0.16	75.76 4.56 0.00	86.44 5.20 0.00	76.65 4.61 0.00	70.82 4.31 -0.22	64.00 3.78 -0.20	59.26 3.48 -1.42	52.46 3.20 0.00	49.55 2.77 -2.04
PJM_GEN_KEystone 24065	51.09 0.31 0.00	47.66 0.38 0.00	45.37 0.32 0.00	44.85 0.40 0.00	46.02 0.32 0.00	50.53 0.00 0.00	72.63 -0.51 0.00	84.74 -0.94 0.00	63.26 -0.70 0.00	56.15 -0.06 -0.04	50.57 0.25 0.00	46.11 0.28 0.00	46.57 0.23 0.00	48.28 0.05 0.00	48.45 -0.10 0.00	55.12 -0.44 -0.22	70.55 -0.64 0.00	80.75 -0.48 0.00	71.82 -0.22 0.00	65.90 -0.53 -0.13	59.12 -1.02 -0.12	54.29 -0.92 -0.85	49.21 -0.05 0.00	45.74 -0.22 -1.23
PJM_GEN_NEPTUNE_PROXY 323594	54.15 3.35 -0.01	50.12 2.84 0.00	47.57 2.52 0.00	46.85 2.40 0.00	48.21 2.51 0.00	53.72 3.19 0.00	76.36 3.21 0.00	88.60 2.91 0.00	66.59 2.62 0.00	60.21 4.05 0.00	54.44 4.13 0.00	49.78 3.94 -0.01	50.36 4.03 0.00	52.43 4.19 -0.01	52.40 3.83 -0.02	59.78 4.43 0.00	76.82 5.62 0.00	87.41 6.17 0.00	78.02 5.98 -0.01	72.09 5.57 -0.23	64.96 4.74 -0.20	60.24 4.46 -1.43	53.31 4.04 -0.02	50.37 3.58 -2.06
PJM_GEN_VFT_PROXY 323633	52.87 2.08 0.00	49.08 1.80 0.00	46.72 1.67 0.00	45.96 1.51 0.00	47.30 1.60 0.00	52.86 2.33 0.00	76.73 3.58 0.00	89.62 3.94 0.00	67.55 3.58 -0.01	60.25 3.48 -0.60	53.65 3.32 -0.02	48.87 3.02 -0.02	49.54 3.19 -0.02	51.48 3.23 -0.02	51.72 3.15 -0.02	62.31 3.77 -3.19	75.54 4.34 0.00	86.27 5.04 0.00	76.50 4.47 0.00	70.63 4.11 -0.22	63.82 3.60 -0.20	59.16 3.37 -1.43	52.37 3.11 -0.01	49.50 2.73 -2.04
PLATSBURG_115KV_PMLD1 355749	51.85 1.07 0.00	47.99 0.71 0.00	45.77 0.72 0.00	45.12 0.67 0.00	46.52 0.82 0.00	50.08 -0.45 0.00	71.61 -1.54 0.00	84.40 -1.29 0.00	62.56 -1.41 0.00	55.77 -0.39 0.00	49.86 -0.45 0.00	45.10 -0.73 0.00	45.68 -0.65 0.00	47.56 -0.68 0.00	48.16 -0.39 0.00	54.79 -0.55 0.00	69.27 -1.92 0.00	78.63 -2.60 0.00	69.44 -2.59 0.00	64.44 -1.86 0.00	58.69 -1.32 0.00	54.57 0.22 0.00	48.47 -0.79 0.00	44.24 -0.49 0.00
PLEASANTVLY___LBMP 24000	52.51 1.73 0.00	48.75 1.47 0.00	46.45 1.40 0.00	45.78 1.33 0.00	47.07 1.37 0.00	52.45 1.92 0.00	76.21 3.07 0.00	88.94 3.26 0.00	66.78 2.81 0.00	58.69 2.53 0.00	52.83 2.52 0.00	48.17 2.34 0.00	48.70 2.36 0.00	50.69 2.46 0.00	50.97 2.43 0.00	58.17 2.82 0.00	74.68 3.49 0.00	85.21 3.98 0.00	75.57 3.53 0.00	69.84 3.31 -0.23	63.23 3.00 -0.21	58.55 2.72 -1.48	51.72 2.46 0.00	49.05 2.19 -2.13
PLSNTVLE_13_KV_13.8KVDIST 80602	52.87 2.08 0.00	49.13 1.84 0.00	46.76 1.71 0.00	46.05 1.60 0.00	47.39 1.69 0.00	52.85 2.32 0.00	76.87 3.73 0.00	89.62 3.94 0.00	67.36 3.39 0.00	59.20 3.03 0.00	53.38 3.07 0.00	48.67 2.84 0.00	49.21 2.87 0.00	51.22 2.99 0.00	51.51 2.96 0.00	58.78 3.43 0.00	75.54 4.34 0.00	86.11 4.87 0.00	76.36 4.32 0.00	70.56 4.04 -0.22	63.82 3.60 -0.21	59.05 3.26 -1.43	52.21 2.96 0.00	49.38 2.59 -2.06
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	52.87 2.08 0.00	49.13 1.84 0.00	46.76 1.71 0.00	46.05 1.60 0.00	47.39 1.69 0.00	52.85 2.32 0.00	76.87 3.73 0.00	89.62 3.94 0.00	67.36 3.39 0.00	59.20 3.03 0.00	53.38 3.07 0.00	48.67 2.84 0.00	49.21 2.87 0.00	51.22 2.99 0.00	51.51 2.96 0.00	58.78 3.43 0.00	75.54 4.34 0.00	86.11 4.87 0.00	76.36 4.32 0.00	70.56 4.04 -0.22	63.82 3.60 -0.21	59.05 3.26 -1.43	52.21 2.96 0.00	49.38 2.59 -2.06
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	52.92 2.13 0.00	49.22 1.94 0.00	46.85 1.80 0.00	46.18 1.73 0.00	47.48 1.78 0.00	52.91 2.37 0.00	77.02 3.88 0.00	89.88 4.20 0.00	67.36 3.39 0.00	59.08 2.92 0.00	53.13 2.82 0.00	48.40 2.57 0.00	48.93 2.59 0.00	50.93 2.70 0.00	51.22 2.67 0.00	58.50 3.15 0.00	75.25 4.06 0.00	85.86 4.63 0.00	76.14 4.11 0.00	70.43 3.91 -0.22	63.70 3.48 -0.21	58.90 3.10 -1.44	52.16 2.91 0.00	49.31 2.50 -2.07
POLETTI_____ 23519	53.03 2.23 -0.01	49.23 1.94 -0.01	46.86 1.80 -0.01	46.19 1.73 -0.01	47.49 1.78 -0.01	53.01 2.48 -0.01	76.51 3.36 0.00	89.28 3.60 0.00	67.04 3.07 0.00	59.24 2.47 -0.61	53.40 3.07 -0.02	48.69 2.84 -0.02	49.22 2.87 -0.02	51.24 2.99 -0.02	51.48 2.91 -0.02	61.69 3.10 -3.24	75.04 3.84 0.00	85.54 4.31 0.00	75.85 3.82 0.00	70.16 3.65 -0.22	63.58 3.36 -0.20	58.77 2.99 -1.42	52.12 2.86 0.00	49.47 2.68 -2.05
POMONA___ESR 323819	52.82 2.03 0.00	49.04 1.75 0.00	46.72 1.67 0.00	46.01 1.55 0.00	47.30 1.60 0.00	52.75 2.22 0.00	76.80 3.66 0.00	89.54 3.86 0.00	67.23 3.26 0.00	59.25 3.09 0.00	53.33 3.02 0.00	48.58 2.75 0.00	49.16 2.83 0.00	51.12 2.89 0.00	51.41 2.86 0.00	58.61 3.26 0.00	75.18 3.98 0.00	85.94 4.71 0.00	76.21 4.18 0.00	70.42 3.91 -0.21	63.63 3.42 -0.20	58.83 3.10 -1.38	52.11 2.86 0.00	49.26 2.55 -1.98
PORT_JEFF_3 23555	55.01 4.21 -0.01	50.88 3.59 0.00	48.25 3.20 0.00	47.52 3.06 0.00	48.90 3.20 0.00	54.47 3.94 0.00	76.80 3.66 0.00	88.50 2.82 0.00	67.10 3.13 0.00	60.99 4.83 0.00	55.19 4.88 0.00	50.47 4.63 -0.01	51.01 4.68 0.00	53.25 5.02 -0.01	53.37 4.81 -0.02	60.65 5.26 -0.04	77.57 6.33 -0.04	87.97 6.74 0.00	78.60 6.55 -0.01	73.48 6.37 -0.82	65.72 5.46 -0.24	64.88 5.22 -5.30	54.25 4.97 -0.02	51.22 4.43 -2.06
PORT_JEFF_4 23616	55.01 4.21 -0.01	50.88 3.59 0.00	48.25 3.20 0.00	47.52 3.06 0.00	48.90 3.20 0.00	54.47 3.94 0.00	76.80 3.66 0.00	88.50 2.82 0.00	67.10 3.13 0.00	60.99 4.83 0.00	55.19 4.88 0.00	50.47 4.63 -0.01	51.01 4.68 0.00	53.25 5.02 -0.01	53.37 4.81 -0.02	60.65 5.26 -0.04	77.57 6.33 -0.04	87.97 6.74 0.00	78.60 6.55 -0.01	73.48 6.37 -0.82	65.72 5.46 -0.24	64.88 5.22 -5.30	54.25 4.97 -0.02	51.22 4.43 -2.06

PORT_JEFF_IC 23713	55.16 4.37 -0.01	50.97 3.69 0.00	48.34 3.29 0.00	47.56 3.11 0.00	48.99 3.29 0.00	54.57 4.04 0.00	77.02 3.88 0.00	88.42 2.74 0.00	67.23 3.26 0.00	60.66 4.49 0.00	55.30 4.98 0.00	50.56 4.72 -0.01	51.06 4.73 0.00	53.40 5.16 -0.01	53.46 4.90 -0.02	60.81 5.42 -0.04	78.29 7.05 -0.04	87.98 6.74 0.00	78.60 6.56 -0.01	73.78 6.63 -0.85	66.02 5.76 -0.25	65.31 5.44 -5.51	54.40 5.12 -0.02	51.31 4.52 -2.06
PPL PILGRIM_ST_GT1 24216	55.47 4.67 -0.01	51.30 4.02 0.00	48.70 3.65 0.00	47.92 3.47 0.00	49.31 3.61 0.00	54.98 4.45 0.00	78.04 4.90 0.00	90.39 4.71 0.00	67.80 3.84 0.00	61.44 5.28 0.00	55.60 5.28 0.00	50.79 4.95 -0.01	51.38 5.05 0.00	53.64 5.40 -0.01	53.70 5.14 -0.02	60.44 5.09 0.00	78.74 7.54 0.00	89.52 8.29 0.00	80.04 8.00 -0.01	73.08 6.50 -0.28	65.93 5.70 -0.21	61.36 5.22 -1.78	54.64 5.37 -0.02	51.58 4.79 -2.06
PPL PILGRIM_ST_GT2 24217	55.47 4.67 -0.01	51.30 4.02 0.00	48.70 3.65 0.00	47.92 3.47 0.00	49.31 3.61 0.00	54.98 4.45 0.00	78.04 4.90 0.00	90.39 4.71 0.00	67.80 3.84 0.00	61.44 5.28 0.00	55.60 5.28 0.00	50.79 4.95 -0.01	51.38 5.05 0.00	53.64 5.40 -0.01	53.70 5.14 -0.02	60.44 5.09 0.00	78.74 7.54 0.00	89.52 8.29 0.00	80.04 8.00 -0.01	73.08 6.50 -0.28	65.93 5.70 -0.21	61.36 5.22 -1.78	54.64 5.37 -0.02	51.58 4.79 -2.06
PPL_SHRM_GT3 24213	55.62 4.83 -0.01	51.40 4.11 0.00	48.75 3.70 0.00	48.01 3.56 0.00	49.40 3.70 0.00	55.03 4.50 0.00	77.97 4.83 0.00	90.13 4.45 0.00	67.87 3.90 0.00	61.56 5.39 0.00	55.70 5.39 0.00	50.88 5.04 -0.01	51.43 5.10 0.00	53.78 5.54 -0.01	53.90 5.34 -0.02	61.48 6.09 -0.04	79.00 7.76 -0.04	89.68 8.45 0.00	80.25 8.21 -0.01	74.80 7.69 -0.81	66.86 6.60 -0.24	65.83 6.19 -5.28	54.89 5.61 -0.02	51.75 4.96 -2.06
PPL_SHRM_GT4 24214	55.62 4.83 -0.01	51.40 4.11 0.00	48.75 3.70 0.00	48.01 3.56 0.00	49.40 3.70 0.00	55.03 4.50 0.00	77.97 4.83 0.00	90.13 4.45 0.00	67.87 3.90 0.00	61.56 5.39 0.00	55.70 5.39 0.00	50.88 5.04 -0.01	51.43 5.10 0.00	53.78 5.54 -0.01	53.90 5.34 -0.02	61.48 6.09 -0.04	79.00 7.76 -0.04	89.68 8.45 0.00	80.25 8.21 -0.01	74.80 7.69 -0.81	66.86 6.60 -0.24	65.83 6.19 -5.28	54.89 5.61 -0.02	51.75 4.96 -2.06
PROJECT___ORANGE 1 24174	50.13 -0.66 0.00	46.72 -0.57 0.00	44.47 -0.59 0.00	43.87 -0.58 0.00	45.10 -0.59 0.00	49.82 -0.71 0.00	71.90 -1.24 0.00	84.57 -1.11 0.00	63.01 -0.96 0.00	55.32 -0.84 0.00	49.66 -0.65 0.00	45.24 -0.60 0.00	45.68 -0.65 0.00	47.56 -0.68 0.00	47.82 -0.73 0.00	54.35 -1.00 0.00	69.98 -1.21 0.00	79.85 -1.38 0.00	70.88 -1.15 0.00	65.19 -1.13 -0.02	58.95 -1.08 -0.02	53.46 -1.03 -0.13	48.42 -0.84 0.00	44.12 -0.81 -0.19
PROJECT___ORANGE 2 24166	50.13 -0.66 0.00	46.72 -0.57 0.00	44.47 -0.59 0.00	43.87 -0.58 0.00	45.10 -0.59 0.00	49.82 -0.71 0.00	71.90 -1.24 0.00	84.57 -1.11 0.00	63.01 -0.96 0.00	55.32 -0.84 0.00	49.66 -0.65 0.00	45.24 -0.60 0.00	45.68 -0.65 0.00	47.56 -0.68 0.00	47.82 -0.73 0.00	54.35 -1.00 0.00	69.98 -1.21 0.00	79.85 -1.38 0.00	70.88 -1.15 0.00	65.19 -1.13 -0.02	58.95 -1.08 -0.02	53.46 -1.03 -0.13	48.42 -0.84 0.00	44.12 -0.81 -0.19
PUCKETT___SOLAR 323809	52.16 1.37 0.00	48.66 1.37 0.00	46.31 1.26 0.00	45.69 1.24 0.00	46.98 1.28 0.00	51.94 1.41 0.00	75.27 2.12 0.00	88.42 2.74 0.00	65.50 1.53 0.00	57.18 1.01 0.00	51.02 0.70 0.00	46.43 0.59 0.00	46.84 0.51 0.00	48.76 0.53 0.00	49.13 0.58 0.00	55.85 0.50 0.00	72.19 1.00 0.00	82.53 1.30 0.00	73.26 1.22 0.00	67.30 0.93 -0.08	60.86 0.78 -0.07	55.39 0.54 -0.49	50.00 0.74 0.00	45.93 0.49 -0.70
PYRITES___HYD 24023	52.62 1.83 0.00	48.80 1.51 0.00	46.45 1.40 0.00	45.74 1.29 0.00	47.11 1.42 0.00	50.99 0.45 0.00	73.44 0.29 0.00	86.97 1.29 0.00	63.90 -0.06 0.00	56.28 0.11 0.00	50.11 -0.20 0.00	45.24 -0.60 0.00	45.78 -0.56 0.00	47.46 -0.77 0.00	48.16 -0.39 0.00	54.91 -0.44 0.00	69.98 -1.21 0.00	79.53 -1.71 0.00	70.09 -1.94 0.00	65.57 -0.73 0.00	59.54 -0.48 0.00	55.04 0.65 -0.03	48.86 -0.39 0.00	44.95 0.18 -0.04
QUAKERRD_115KV_BK1 80622	49.16 -1.63 0.00	45.87 -1.42 0.00	43.61 -1.44 0.00	43.16 -1.29 0.00	44.28 -1.42 0.00	48.41 -2.12 0.00	69.12 -4.02 0.00	81.48 -4.20 0.00	60.58 -3.39 0.00	53.52 -2.64 0.00	47.95 -2.36 0.00	43.72 -2.11 0.00	44.11 -2.22 0.00	45.82 -2.41 0.00	46.02 -2.52 0.00	52.02 -3.32 0.00	67.21 -3.99 0.00	76.93 -4.31 0.00	68.29 -3.75 0.00	62.74 -3.58 -0.02	56.79 -3.24 -0.02	51.61 -2.88 -0.14	46.75 -2.51 0.00	42.83 -2.10 -0.20
QUENSBRY_115KV_TB8 356137	54.24 3.45 0.00	50.64 3.36 0.00	48.07 3.02 0.00	47.52 3.07 0.00	48.85 3.15 0.00	54.32 3.79 0.00	79.14 6.00 0.00	92.71 7.03 0.00	68.83 4.86 0.00	59.93 3.76 0.00	53.33 3.02 0.00	48.31 2.47 0.00	48.60 2.27 0.00	50.50 2.27 0.00	50.92 2.38 0.00	58.78 3.43 0.00	76.11 4.91 0.00	87.33 6.09 0.00	77.37 5.33 0.00	71.29 4.71 -0.28	64.84 4.56 -0.26	60.21 4.02 -1.83	52.81 3.55 0.00	50.50 3.13 -2.63
RAMAPO___LBMP 323565	52.62 1.83 0.00	48.85 1.56 0.00	46.54 1.49 0.00	45.83 1.38 0.00	47.16 1.46 0.00	52.55 2.02 0.00	76.51 3.36 0.00	89.19 3.51 0.00	66.97 3.01 0.00	58.86 2.70 0.00	53.08 2.77 0.00	48.40 2.57 0.00	48.93 2.59 0.00	50.93 2.70 0.00	51.22 2.67 0.00	58.34 2.99 0.00	74.97 3.77 0.00	85.62 4.39 0.00	75.93 3.89 0.00	70.16 3.65 -0.21	63.39 3.18 -0.20	58.61 2.88 -1.37	51.92 2.66 0.00	49.07 2.37 -1.97
RANKINE___ 23646	50.53 -0.25 0.00	47.38 0.09 0.00	45.01 -0.05 0.00	44.72 0.27 0.00	45.74 0.05 0.00	49.01 -1.52 0.00	68.68 -4.46 0.00	80.97 -4.71 0.00	59.81 -4.16 0.00	53.52 -2.64 0.00	48.25 -2.06 0.00	44.14 -1.70 0.00	44.43 -1.90 0.00	46.01 -2.22 0.00	46.02 -2.52 0.00	51.52 -3.82 0.01	66.28 -4.91 0.00	76.12 -5.12 0.00	67.71 -4.32 0.00	61.42 -4.91 -0.03	55.42 -4.62 -0.03	49.98 -4.57 -0.19	46.65 -2.61 0.00	42.28 -2.73 -0.28
RAVENSWOOD_GT2_1 24244	53.18 2.39 0.00	49.37 2.08 0.00	46.99 1.94 0.00	46.27 1.82 0.00	47.57 1.87 0.00	53.16 2.63 0.00	77.09 3.95 0.00	89.96 4.28 0.00	67.74 3.77 0.00	60.20 3.43 -0.61	53.80 3.47 -0.02	49.10 3.25 -0.02	49.64 3.29 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.41 3.82 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.56 3.30 0.00	49.68 2.91 -2.04
RAVENSWOOD_GT2_2 24245	53.18 2.39 0.00	49.37 2.08 0.00	46.99 1.94 0.00	46.27 1.82 0.00	47.57 1.87 0.00	53.16 2.63 0.00	77.09 3.95 0.00	89.96 4.28 0.00	67.74 3.77 0.00	60.20 3.43 -0.61	53.80 3.47 -0.02	49.10 3.25 -0.02	49.64 3.29 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.41 3.82 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.56 3.30 0.00	49.68 2.91 -2.04

RAVENSWOOD_GT2_3 24246	53.18 2.39 0.00	49.37 2.08 0.00	46.99 1.94 0.00	46.27 1.82 0.00	47.62 1.92 0.00	53.16 2.63 0.00	77.09 3.95 0.00	90.05 4.37 0.00	67.80 3.84 0.00	60.25 3.48 -0.61	53.85 3.52 -0.02	49.10 3.25 -0.02	49.69 3.34 -0.02	51.67 3.42 -0.02	51.96 3.40 -0.02	62.41 3.82 -3.24	75.97 4.77 0.00	86.60 5.36 0.00	76.79 4.75 0.00	70.96 4.44 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.61 3.35 0.00	49.73 2.95 -2.04
RAVENSWOOD_GT2_4 24247	53.18 2.39 0.00	49.37 2.08 0.00	46.99 1.94 0.00	46.27 1.82 0.00	47.62 1.92 0.00	53.16 2.63 0.00	77.09 3.95 0.00	90.05 4.37 0.00	67.80 3.84 0.00	60.25 3.48 -0.61	53.85 3.52 -0.02	49.10 3.25 -0.02	49.69 3.34 -0.02	51.67 3.42 -0.02	51.96 3.40 -0.02	62.41 3.82 -3.24	75.97 4.77 0.00	86.60 5.36 0.00	76.79 4.75 0.00	70.96 4.44 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.61 3.35 0.00	49.73 2.95 -2.04
RAVENSWOOD_GT3_1 24248	53.18 2.39 0.00	49.37 2.08 0.00	46.99 1.94 0.00	46.27 1.82 0.00	47.57 1.87 0.00	53.16 2.63 0.00	77.09 3.95 0.00	89.96 4.28 0.00	67.80 3.84 0.00	60.20 3.43 -0.61	53.85 3.52 -0.02	49.10 3.25 -0.02	49.64 3.29 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.41 3.82 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.61 3.35 0.00	49.68 2.91 -2.04
RAVENSWOOD_GT3_2 24249	53.18 2.39 0.00	49.37 2.08 0.00	46.99 1.94 0.00	46.27 1.82 0.00	47.57 1.87 0.00	53.16 2.63 0.00	77.09 3.95 0.00	89.96 4.28 0.00	67.80 3.84 0.00	60.20 3.43 -0.61	53.85 3.52 -0.02	49.10 3.25 -0.02	49.64 3.29 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.41 3.82 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.61 3.35 0.00	49.68 2.91 -2.04
RAVENSWOOD_GT3_3 24250	53.23 2.44 0.00	49.41 2.13 0.00	47.03 1.98 0.00	46.32 1.87 0.00	47.66 1.97 0.00	53.21 2.68 0.00	77.17 4.02 0.00	90.14 4.46 0.00	67.87 3.90 0.00	60.31 3.54 -0.61	53.90 3.57 -0.02	49.15 3.30 -0.02	49.69 3.34 -0.02	51.72 3.47 -0.02	51.96 3.40 -0.02	62.46 3.87 -3.24	76.04 4.84 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.24 4.02 -0.20	59.47 3.70 -1.42	52.66 3.40 0.00	49.73 2.95 -2.04
RAVENSWOOD_GT3_4 24251	53.23 2.44 0.00	49.41 2.13 0.00	47.03 1.98 0.00	46.32 1.87 0.00	47.66 1.97 0.00	53.21 2.68 0.00	77.17 4.02 0.00	90.14 4.46 0.00	67.87 3.90 0.00	60.31 3.54 -0.61	53.90 3.57 -0.02	49.15 3.30 -0.02	49.69 3.34 -0.02	51.72 3.47 -0.02	51.96 3.40 -0.02	62.46 3.87 -3.24	76.04 4.84 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.24 4.02 -0.20	59.47 3.70 -1.42	52.66 3.40 0.00	49.73 2.95 -2.04
RAVENSWOOD_GT_1 23729	53.49 2.69 -0.01	49.66 2.36 -0.01	47.27 2.21 -0.01	46.55 2.09 -0.01	47.90 2.19 -0.01	53.47 2.93 -0.01	77.17 4.02 0.00	90.05 4.37 0.00	67.87 3.90 0.00	60.14 3.37 -0.61	54.05 3.72 -0.02	49.28 3.44 -0.02	49.82 3.48 -0.02	51.86 3.62 -0.02	52.11 3.54 -0.02	62.41 3.82 -3.24	75.97 4.77 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.96 4.44 -0.22	64.36 4.14 -0.20	59.58 3.80 -1.42	52.86 3.60 0.00	49.96 3.18 -2.05
RAVENSWOOD_GT_10 24258	53.17 2.39 0.00	49.32 2.03 0.00	46.99 1.94 0.00	46.23 1.78 0.00	47.57 1.87 0.00	53.11 2.58 0.00	77.09 3.95 0.00	89.96 4.28 0.00	67.80 3.84 0.00	60.25 3.48 -0.61	53.80 3.47 -0.02	49.10 3.25 -0.02	49.64 3.29 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.41 3.82 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.56 3.30 0.00	49.68 2.91 -2.04
RAVENSWOOD_GT_11 24259	53.17 2.39 0.00	49.32 2.03 0.00	46.99 1.94 0.00	46.23 1.78 0.00	47.57 1.87 0.00	53.11 2.58 0.00	77.09 3.95 0.00	89.96 4.28 0.00	67.80 3.84 0.00	60.25 3.48 -0.61	53.80 3.47 -0.02	49.10 3.25 -0.02	49.64 3.29 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.41 3.82 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.56 3.30 0.00	49.68 2.91 -2.04
RAVENSWOOD_GT_4 24252	53.28 2.49 -0.01	49.42 2.13 -0.01	47.04 1.98 -0.01	46.33 1.87 -0.01	47.67 1.97 -0.01	53.22 2.68 -0.01	77.09 3.95 0.00	89.96 4.28 0.00	67.80 3.84 0.00	60.20 3.43 -0.61	53.85 3.52 -0.02	49.15 3.30 -0.02	49.69 3.34 -0.02	51.67 3.42 -0.02	51.96 3.40 -0.02	62.35 3.76 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.66 3.40 0.00	49.78 3.00 -2.05
RAVENSWOOD_GT_5 24254	53.28 2.49 -0.01	49.42 2.13 -0.01	47.04 1.98 -0.01	46.33 1.87 -0.01	47.67 1.97 -0.01	53.22 2.68 -0.01	77.09 3.95 0.00	89.96 4.28 0.00	67.80 3.84 0.00	60.20 3.43 -0.61	53.85 3.52 -0.02	49.15 3.30 -0.02	49.69 3.34 -0.02	51.67 3.42 -0.02	51.96 3.40 -0.02	62.35 3.76 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.66 3.40 0.00	49.78 3.00 -2.05
RAVENSWOOD_GT_6 24253	53.28 2.49 -0.01	49.42 2.13 -0.01	47.04 1.98 -0.01	46.33 1.87 -0.01	47.67 1.97 -0.01	53.22 2.68 -0.01	77.09 3.95 0.00	89.96 4.28 0.00	67.80 3.84 0.00	60.20 3.43 -0.61	53.85 3.52 -0.02	49.15 3.30 -0.02	49.69 3.34 -0.02	51.67 3.42 -0.02	51.96 3.40 -0.02	62.35 3.76 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.66 3.40 0.00	49.78 3.00 -2.05
RAVENSWOOD_GT_7 24255	53.28 2.49 -0.01	49.42 2.13 -0.01	47.04 1.98 -0.01	46.33 1.87 -0.01	47.67 1.97 -0.01	53.22 2.68 -0.01	77.09 3.95 0.00	89.96 4.28 0.00	67.80 3.84 0.00	60.20 3.43 -0.61	53.85 3.52 -0.02	49.15 3.30 -0.02	49.69 3.34 -0.02	51.67 3.42 -0.02	51.96 3.40 -0.02	62.35 3.76 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.66 3.40 0.00	49.78 3.00 -2.05
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	53.17 2.39 0.00	49.32 2.03 0.00	46.99 1.94 0.00	46.23 1.78 0.00	47.57 1.87 0.00	53.11 2.58 0.00	77.09 3.95 0.00	89.96 4.28 0.00	67.80 3.84 0.00	60.25 3.48 -0.61	53.80 3.47 -0.02	49.10 3.25 -0.02	49.64 3.29 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.41 3.82 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.56 3.30 0.00	49.68 2.91 -2.04
RAVENSWOOD_GT_9 24257	53.17 2.39 0.00	49.32 2.03 0.00	46.99 1.94 0.00	46.23 1.78 0.00	47.57 1.87 0.00	53.11 2.58 0.00	77.09 3.95 0.00	89.96 4.28 0.00	67.80 3.84 0.00	60.25 3.48 -0.61	53.80 3.47 -0.02	49.10 3.25 -0.02	49.64 3.29 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.41 3.82 -3.24	75.89 4.70 0.00	86.60 5.36 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.18 3.96 -0.20	59.42 3.64 -1.42	52.56 3.30 0.00	49.68 2.91 -2.04

RAVENSWOOD___1 23533	53.49 2.69 -0.01	49.61 2.32 -0.01	47.22 2.16 -0.01	46.50 2.05 -0.01	47.85 2.15 -0.01	53.42 2.88 -0.01	77.16 4.02 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	60.20 3.43 -0.61	54.00 3.67 -0.02	49.19 3.34 -0.02	49.83 3.48 -0.02	51.82 3.57 -0.02	52.10 3.54 -0.02	62.35 3.77 -3.24	75.89 4.70 0.00	86.59 5.36 0.00	76.79 4.75 0.00	70.96 4.44 -0.22	64.30 4.08 -0.20	59.59 3.80 -1.43	52.82 3.55 -0.01	49.96 3.18 -2.05
RAVENSWOOD___2 23534	53.44 2.64 -0.01	49.61 2.32 -0.01	47.22 2.16 -0.01	46.50 2.05 -0.01	47.81 2.10 -0.01	53.42 2.88 -0.01	77.09 3.95 0.00	89.96 4.28 0.00	67.88 3.90 -0.01	60.20 3.43 -0.61	54.00 3.67 -0.02	49.19 3.34 -0.02	49.83 3.48 -0.02	51.82 3.57 -0.02	52.06 3.50 -0.02	62.35 3.77 -3.24	75.82 4.63 0.00	86.59 5.36 0.00	76.72 4.68 0.00	70.96 4.44 -0.22	64.24 4.02 -0.20	59.53 3.75 -1.43	52.82 3.55 -0.01	49.91 3.13 -2.05
RAVENSWOOD___3 23535	53.18 2.39 0.00	49.36 2.08 0.00	46.99 1.94 0.00	46.27 1.82 0.00	47.57 1.87 0.00	53.16 2.63 0.00	77.09 3.95 0.00	89.96 4.28 0.00	67.81 3.84 -0.01	60.37 3.60 -0.61	53.85 3.52 -0.02	49.05 3.21 -0.02	49.69 3.34 -0.02	51.62 3.38 -0.02	51.91 3.35 -0.02	62.40 3.82 -3.24	75.82 4.63 0.00	86.59 5.36 0.00	76.79 4.75 0.00	70.96 4.44 -0.22	64.12 3.90 -0.20	59.43 3.64 -1.43	52.62 3.35 -0.01	49.68 2.91 -2.04
RAVENSWOOD___4 23820	53.43 2.64 -0.01	49.61 2.32 -0.01	47.22 2.16 -0.01	46.46 2.00 -0.01	47.81 2.10 -0.01	53.37 2.83 -0.01	77.09 3.95 0.00	89.88 4.20 0.00	67.81 3.84 -0.01	60.20 3.43 -0.61	53.96 3.62 -0.02	49.15 3.30 -0.02	49.78 3.43 -0.02	51.77 3.52 -0.02	52.06 3.50 -0.02	62.35 3.77 -3.24	75.82 4.63 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.37 -0.22	64.24 4.02 -0.20	59.53 3.75 -1.43	52.76 3.50 -0.01	49.91 3.13 -2.05
RCPL_TRUST___DRP 24196	53.12 2.34 0.00	49.27 1.99 0.00	46.90 1.85 0.00	46.18 1.73 0.00	47.53 1.83 0.00	53.06 2.53 0.00	77.09 3.95 0.00	90.05 4.37 0.00	67.80 3.84 0.00	59.68 3.48 -0.03	53.84 3.52 0.00	49.09 3.25 0.00	49.67 3.34 0.00	51.66 3.42 0.00	51.90 3.35 0.00	59.38 3.87 -0.16	75.97 4.77 0.00	86.60 5.36 0.00	76.79 4.75 0.00	70.89 4.38 -0.22	64.12 3.90 -0.20	59.36 3.59 -1.42	52.51 3.25 0.00	49.64 2.86 -2.04
RED___ROCHESTER 323720	50.74 -0.05 0.00	47.38 0.09 0.00	45.01 -0.05 0.00	44.58 0.13 0.00	45.74 0.05 0.00	49.77 -0.76 0.00	70.88 -2.27 0.00	83.71 -1.97 0.00	62.11 -1.86 0.00	54.93 -1.24 0.00	49.26 -1.06 0.00	44.91 -0.92 0.00	45.27 -1.06 0.00	47.03 -1.20 0.00	47.19 -1.36 0.00	53.30 -2.05 0.00	68.91 -2.28 0.00	78.80 -2.43 0.00	70.09 -1.94 0.00	64.26 -2.06 -0.02	58.42 -1.62 -0.02	52.93 -1.58 -0.15	48.03 -1.23 0.00	44.01 -0.94 -0.22
REGAN___SOLAR 323812	52.82 2.03 0.00	49.32 2.03 0.00	46.76 1.71 0.00	46.23 1.78 0.00	47.57 1.87 0.00	53.06 2.53 0.00	77.16 4.02 0.00	90.30 4.62 0.00	65.95 1.99 0.00	56.56 0.40 0.00	49.97 -0.35 0.00	45.28 -0.55 0.00	45.55 -0.79 0.00	47.51 -0.72 0.00	48.35 -0.19 0.00	56.73 1.38 0.00	74.12 2.92 0.00	85.29 4.06 0.00	75.64 3.60 0.00	69.72 3.12 -0.31	63.24 2.94 -0.29	59.12 2.77 -2.00	51.53 2.27 0.00	49.52 1.92 -2.87
RENSSELAER___COGEN 23796	51.15 0.36 0.00	47.66 0.38 0.00	45.46 0.40 0.00	44.90 0.44 0.00	46.11 0.41 0.00	51.04 0.51 0.00	73.95 0.81 0.00	86.45 0.77 0.00	64.67 0.70 0.00	56.67 0.50 0.00	50.67 0.35 0.00	46.24 0.41 0.00	46.80 0.46 0.00	48.71 0.48 0.00	49.03 0.49 0.00	56.01 0.67 0.00	72.05 0.86 0.00	82.29 1.05 0.00	72.97 0.93 0.00	67.43 0.86 -0.27	61.04 0.78 -0.25	56.82 0.70 -1.76	49.95 0.69 0.00	47.89 0.63 -2.53
REPUBLIC_115KV_BARTNBRK 55605	56.63 5.84 0.00	53.05 5.77 0.00	50.14 5.09 0.00	49.65 5.20 0.00	51.04 5.35 0.00	56.95 6.42 0.00	83.31 10.17 0.00	97.59 11.91 0.00	71.96 8.00 0.00	62.29 6.12 0.00	55.30 4.98 0.00	49.86 4.03 0.00	49.99 3.66 0.00	51.90 3.67 0.00	52.38 3.84 0.00	60.94 5.59 0.00	79.24 8.05 0.00	91.47 10.24 0.00	80.97 8.93 0.00	74.47 7.89 -0.28	67.84 7.56 -0.26	62.82 6.63 -1.83	55.07 5.81 0.00	52.46 5.10 -2.63
REVERE_CPPR_DRP 24186	52.46 1.68 0.00	48.94 1.65 0.00	46.49 1.44 0.00	45.83 1.38 0.00	47.16 1.46 0.00	52.25 1.72 0.00	75.92 2.78 0.00	89.71 4.03 0.00	66.27 2.30 0.00	57.91 1.74 0.00	51.57 1.26 0.00	46.89 1.05 0.00	47.31 0.97 0.00	49.24 1.01 0.00	49.66 1.12 0.00	57.01 1.66 0.00	73.40 2.21 0.00	83.67 2.44 0.00	73.91 1.87 0.00	68.10 1.79 -0.01	61.70 1.68 -0.01	55.79 1.36 -0.07	50.34 1.08 0.00	45.82 0.98 -0.11
REYNLDPA_13_KV_LD 356490	51.80 1.02 0.00	47.95 0.66 0.00	45.73 0.68 0.00	45.12 0.67 0.00	46.47 0.78 0.00	50.33 -0.20 0.00	72.34 -0.80 0.00	85.25 -0.43 0.00	63.20 -0.76 0.00	54.76 -1.40 0.00	50.07 -0.25 0.00	45.28 -0.55 0.00	45.92 -0.42 0.00	47.80 -0.43 0.00	48.40 -0.15 0.00	54.74 -0.61 0.00	70.05 -1.14 0.00	79.45 -1.79 0.00	70.09 -1.94 0.00	65.11 -1.19 0.00	59.11 -0.90 0.00	54.52 0.16 0.00	48.47 -0.79 0.00	44.37 -0.36 0.00
REYNOLDS_115KV_TB3 80639	51.60 0.81 0.00	48.09 0.80 0.00	45.86 0.81 0.00	45.25 0.80 0.00	46.52 0.82 0.00	51.54 1.01 0.00	74.61 1.46 0.00	87.22 1.54 0.00	65.25 1.28 0.00	57.18 1.01 0.00	51.07 0.75 0.00	46.56 0.73 0.00	47.03 0.70 0.00	49.15 0.92 0.00	49.47 0.92 0.00	56.51 1.16 0.00	72.76 1.57 0.00	83.02 1.79 0.00	73.62 1.58 0.00	68.03 1.46 -0.27	61.65 1.38 -0.25	57.32 1.20 -1.77	50.39 1.13 0.00	48.30 1.03 -2.54
RIVERBAY____ 323610	54.20 3.40 -0.01	50.37 3.07 -0.01	47.94 2.88 -0.01	47.26 2.80 -0.01	48.58 2.88 -0.01	54.23 3.69 -0.01	78.26 5.12 0.00	91.34 5.65 0.00	68.51 4.54 0.00	60.48 3.71 -0.61	54.26 3.92 -0.02	49.47 3.62 -0.02	50.01 3.66 -0.02	52.06 3.81 -0.02	52.30 3.74 -0.02	62.68 4.10 -3.24	76.61 5.41 0.00	87.33 6.09 0.00	77.44 5.40 0.00	71.62 5.10 -0.22	64.90 4.68 -0.20	59.91 4.13 -1.42	53.20 3.94 0.00	50.45 3.67 -2.05
RIVERSDE_115KV_TB3 55908	51.30 0.51 0.00	47.85 0.57 0.00	45.64 0.59 0.00	45.03 0.58 0.00	46.25 0.55 0.00	51.24 0.71 0.00	74.24 1.10 0.00	86.79 1.11 0.00	64.93 0.96 0.00	56.89 0.73 0.00	50.87 0.55 0.00	46.38 0.55 0.00	46.84 0.51 0.00	48.91 0.68 0.00	49.23 0.68 0.00	56.23 0.89 0.00	72.41 1.21 0.00	82.62 1.38 0.00	73.26 1.22 0.00	67.70 1.13 -0.27	61.29 1.02 -0.25	57.05 0.92 -1.77	50.15 0.89 0.00	48.08 0.81 -2.54
ROARING___BROOK_WT_PWR 323790	50.99 0.20 0.00	47.38 0.09 0.00	45.14 0.09 0.00	44.54 0.09 0.00	45.84 0.14 0.00	50.28 -0.25 0.00	72.63 -0.51 0.00	85.25 -0.43 0.00	63.45 -0.51 0.00	55.43 -0.73 0.00	50.02 -0.30 0.00	45.46 -0.37 0.00	46.01 -0.32 0.00	47.90 -0.34 0.00	48.30 -0.24 0.00	54.90 -0.44 0.00	70.48 -0.71 0.00	80.02 -1.22 0.00	70.52 -1.52 0.00	64.84 -1.46 0.00	58.57 -1.44 0.00	53.27 -1.09 0.00	47.83 -1.43 0.00	43.57 -1.16 0.00

ROCHESRG_115KV_T4 355643	50.18 -0.61 0.00	46.86 -0.43 0.00	44.56 -0.50 0.00	44.10 -0.36 0.00	45.24 -0.46 0.00	49.22 -1.31 0.00	69.92 -3.22 0.00	82.51 -3.17 0.00	61.28 -2.69 0.00	54.25 -1.91 0.00	48.71 -1.61 0.00	44.41 -1.42 0.00	44.80 -1.53 0.00	46.49 -1.74 0.00	46.65 -1.89 0.00	52.63 -2.71 0.00	67.92 -3.27 0.00	77.82 -3.41 0.00	69.15 -2.88 0.00	63.47 -2.85 -0.02	57.45 -2.58 -0.02	52.27 -2.23 -0.14	47.44 -1.82 0.00	43.55 -1.39 -0.21
ROCHESTER_9_IC 23652	50.53 -0.25 0.00	47.19 -0.09 0.00	44.87 -0.18 0.00	44.41 -0.04 0.00	45.56 -0.14 0.00	49.57 -0.96 0.00	70.51 -2.63 0.00	83.28 -2.40 0.00	61.79 -2.17 0.00	54.70 -1.46 0.00	49.06 -1.26 0.00	44.73 -1.10 0.00	45.08 -1.25 0.00	46.83 -1.40 0.00	46.99 -1.55 0.00	53.02 -2.32 0.01	68.49 -2.71 0.00	78.55 -2.68 0.00	69.73 -2.31 0.00	64.07 -2.25 -0.02	57.99 -2.04 -0.02	52.65 -1.85 -0.15	47.78 -1.48 0.00	43.82 -1.12 -0.21
ROCKVIEW_13_KV_LD 356306	53.07 2.29 0.00	49.27 1.99 0.00	46.90 1.85 0.00	46.23 1.78 0.00	47.53 1.83 0.00	53.06 2.53 0.00	77.24 4.10 0.00	89.96 4.28 0.00	67.68 3.71 0.00	59.53 3.37 0.00	53.69 3.37 0.00	48.95 3.12 0.00	49.48 3.15 0.00	51.51 3.28 0.00	51.80 3.25 0.00	59.11 3.76 0.00	75.89 4.70 0.00	86.60 5.36 0.00	76.79 4.75 0.00	70.96 4.44 -0.22	64.18 3.96 -0.20	59.31 3.53 -1.42	52.46 3.20 0.00	49.59 2.82 -2.04
ROME____115KV_TB2 80656	52.46 1.68 0.00	48.94 1.65 0.00	46.49 1.44 0.00	45.83 1.38 0.00	47.16 1.46 0.00	52.25 1.72 0.00	75.92 2.78 0.00	89.71 4.03 0.00	66.27 2.30 0.00	57.91 1.74 0.00	51.57 1.26 0.00	46.89 1.05 0.00	47.31 0.97 0.00	49.24 1.01 0.00	49.66 1.12 0.00	57.01 1.66 0.00	73.40 2.21 0.00	83.67 2.44 0.00	73.91 1.87 0.00	68.10 1.79 -0.01	61.70 1.68 -0.01	55.79 1.36 -0.07	50.34 1.08 0.00	45.82 0.98 -0.11
ROSETON___1 23587	52.52 1.73 0.00	48.80 1.51 0.00	46.49 1.44 0.00	45.78 1.33 0.00	47.12 1.42 0.00	52.45 1.92 0.00	76.21 3.07 0.00	88.94 3.26 0.00	66.78 2.81 0.00	58.80 2.64 0.00	52.83 2.51 0.00	48.12 2.29 0.00	48.70 2.36 0.00	50.69 2.46 0.00	50.97 2.43 0.00	58.17 2.82 0.00	74.61 3.42 0.00	85.21 3.98 0.00	75.64 3.60 0.00	69.90 3.38 -0.22	63.16 2.94 -0.20	58.44 2.66 -1.42	51.72 2.46 0.00	48.97 2.19 -2.04
ROSETON___2 23588	52.52 1.73 0.00	48.80 1.51 0.00	46.49 1.44 0.00	45.78 1.33 0.00	47.12 1.42 0.00	52.45 1.92 0.00	76.21 3.07 0.00	88.94 3.26 0.00	66.78 2.81 0.00	58.80 2.64 0.00	52.83 2.51 0.00	48.12 2.29 0.00	48.70 2.36 0.00	50.69 2.46 0.00	50.97 2.43 0.00	58.17 2.82 0.00	74.61 3.42 0.00	85.21 3.98 0.00	75.64 3.60 0.00	69.90 3.38 -0.22	63.16 2.94 -0.20	58.44 2.66 -1.42	51.72 2.46 0.00	48.97 2.19 -2.04
ROTRRDAM_115KV_TB3 80664	52.16 1.37 0.00	48.61 1.32 0.00	46.27 1.22 0.00	45.70 1.24 0.00	46.98 1.28 0.00	52.05 1.52 0.00	75.56 2.41 0.00	88.34 2.66 0.00	65.88 1.92 0.00	57.62 1.46 0.00	51.52 1.21 0.00	46.84 1.01 0.00	47.35 1.02 0.00	49.29 1.06 0.00	49.66 1.12 0.00	56.90 1.55 0.00	73.40 2.21 0.00	83.83 2.60 0.00	74.34 2.31 0.00	68.71 2.12 -0.29	62.26 1.98 -0.27	57.95 1.74 -1.85	50.83 1.58 0.00	48.78 1.39 -2.66
RUSSELL___1 23602	50.74 -0.05 0.00	47.38 0.09 0.00	45.01 -0.05 0.00	44.58 0.13 0.00	45.74 0.05 0.00	49.77 -0.76 0.00	70.88 -2.27 0.00	83.71 -1.97 0.00	62.11 -1.86 0.00	54.93 -1.24 0.00	49.26 -1.06 0.00	44.91 -0.92 0.00	45.27 -1.07 0.00	47.03 -1.21 0.00	47.19 -1.36 0.00	53.30 -2.05 0.01	68.92 -2.28 0.00	79.04 -2.19 0.00	70.16 -1.87 0.00	64.40 -1.92 -0.02	58.29 -1.74 -0.02	52.93 -1.58 -0.15	48.03 -1.23 0.00	44.00 -0.94 -0.21
RUSSELL___2 23532	50.74 -0.05 0.00	47.38 0.09 0.00	45.01 -0.05 0.00	44.58 0.13 0.00	45.74 0.05 0.00	49.77 -0.76 0.00	70.88 -2.27 0.00	83.71 -1.97 0.00	62.11 -1.86 0.00	54.93 -1.24 0.00	49.26 -1.06 0.00	44.91 -0.92 0.00	45.27 -1.07 0.00	47.03 -1.21 0.00	47.19 -1.36 0.00	53.30 -2.05 0.01	68.92 -2.28 0.00	79.04 -2.19 0.00	70.16 -1.87 0.00	64.40 -1.92 -0.02	58.29 -1.74 -0.02	52.93 -1.58 -0.15	48.03 -1.23 0.00	44.00 -0.94 -0.21
RUSSELL___3 23549	50.74 -0.05 0.00	47.38 0.09 0.00	45.01 -0.05 0.00	44.58 0.13 0.00	45.74 0.05 0.00	49.77 -0.76 0.00	70.88 -2.27 0.00	83.71 -1.97 0.00	62.11 -1.86 0.00	54.93 -1.24 0.00	49.26 -1.06 0.00	44.91 -0.92 0.00	45.27 -1.07 0.00	47.03 -1.21 0.00	47.19 -1.36 0.00	53.30 -2.05 0.01	68.92 -2.28 0.00	79.04 -2.19 0.00	70.16 -1.87 0.00	64.40 -1.92 -0.02	58.29 -1.74 -0.02	52.93 -1.58 -0.15	48.03 -1.23 0.00	44.00 -0.94 -0.21
RUSSELL___4 23556	50.74 -0.05 0.00	47.38 0.09 0.00	45.01 -0.05 0.00	44.58 0.13 0.00	45.74 0.05 0.00	49.77 -0.76 0.00	70.88 -2.27 0.00	83.71 -1.97 0.00	62.11 -1.86 0.00	54.93 -1.24 0.00	49.26 -1.06 0.00	44.91 -0.92 0.00	45.27 -1.07 0.00	47.03 -1.21 0.00	47.19 -1.36 0.00	53.30 -2.05 0.01	68.92 -2.28 0.00	79.04 -2.19 0.00	70.16 -1.87 0.00	64.40 -1.92 -0.02	58.29 -1.74 -0.02	52.93 -1.58 -0.15	48.03 -1.23 0.00	44.00 -0.94 -0.21
RUSSELL___STATION 23914	50.74 -0.05 0.00	47.38 0.09 0.00	45.01 -0.05 0.00	44.58 0.13 0.00	45.74 0.05 0.00	49.77 -0.76 0.00	70.88 -2.27 0.00	83.71 -1.97 0.00	62.11 -1.86 0.00	54.93 -1.24 0.00	49.26 -1.06 0.00	44.91 -0.92 0.00	45.27 -1.07 0.00	47.03 -1.21 0.00	47.19 -1.36 0.00	53.30 -2.05 0.01	68.92 -2.28 0.00	79.04 -2.19 0.00	70.16 -1.87 0.00	64.40 -1.92 -0.02	58.29 -1.74 -0.02	52.93 -1.58 -0.15	48.03 -1.23 0.00	44.00 -0.94 -0.21
S SALMON___HYD 24043	49.82 -0.97 0.00	46.44 -0.85 0.00	44.15 -0.90 0.00	43.52 -0.94 0.00	44.78 -0.91 0.00	49.52 -1.01 0.00	71.75 -1.39 0.00	84.66 -1.02 0.00	62.69 -1.28 0.00	54.82 -1.35 0.00	49.01 -1.31 0.00	44.55 -1.28 0.00	44.94 -1.39 0.00	46.83 -1.40 0.00	47.14 -1.41 0.00	53.86 -1.49 0.00	69.42 -1.78 0.00	79.28 -1.95 0.00	70.24 -1.80 0.00	64.79 -1.52 -0.02	58.71 -1.32 -0.01	53.16 -1.31 -0.10	47.93 -1.33 0.00	43.68 -1.21 -0.15
S.PERRY__115KV_TB1 80734	52.36 1.57 0.00	48.99 1.70 0.00	46.45 1.40 0.00	46.05 1.60 0.00	47.25 1.55 0.00	51.34 0.81 0.00	73.14 0.00 0.00	86.45 0.77 0.00	63.13 -0.83 0.00	55.55 -0.62 0.00	49.81 -0.50 0.00	45.37 -0.46 0.00	45.59 -0.74 0.00	47.27 -0.96 0.00	47.38 -1.17 0.00	53.73 -1.61 0.01	69.91 -1.28 0.00	80.75 -0.49 0.00	72.11 0.07 0.00	66.00 -0.33 -0.03	59.38 -0.66 -0.03	53.54 -1.03 -0.21	48.96 -0.30 0.00	44.54 -0.49 -0.30
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	50.03 -0.76 0.00	46.91 -0.38 0.00	44.60 -0.45 0.00	44.27 -0.18 0.00	45.29 -0.41 0.00	48.51 -2.02 0.00	67.73 -5.41 0.00	79.94 -5.74 0.00	59.17 -4.80 0.00	53.02 -3.15 0.00	47.80 -2.52 0.00	43.68 -2.15 0.00	44.02 -2.32 0.00	45.58 -2.65 0.00	45.58 -2.96 0.00	50.97 -4.37 0.01	65.50 -5.70 0.00	75.14 -6.09 0.00	66.85 -5.19 0.00	60.89 -5.44 -0.03	55.00 -5.04 -0.03	49.87 -4.67 -0.19	46.25 -3.00 0.00	42.23 -2.77 -0.27

SAWYER___23_KV_LOAD 55526	50.03 -0.76 0.00	46.91 -0.38 0.00	44.60 -0.45 0.00	44.27 -0.18 0.00	45.29 -0.41 0.00	48.51 -2.02 0.00	67.73 -5.41 0.00	79.94 -5.74 0.00	59.17 -4.80 0.00	53.02 -3.15 0.00	47.80 -2.52 0.00	43.68 -2.15 0.00	44.02 -2.32 0.00	45.58 -2.65 0.00	45.58 -2.96 0.00	50.97 -4.37 0.01	65.50 -5.70 0.00	75.14 -6.09 0.00	66.85 -5.19 0.00	60.89 -5.44 -0.03	55.00 -5.04 -0.03	49.87 -4.67 -0.19	46.25 -3.00 0.00	42.23 -2.77 -0.27
SELKIRK___I 23801	52.00 1.22 0.00	48.51 1.23 0.00	46.22 1.17 0.00	45.65 1.20 0.00	46.88 1.19 0.00	51.94 1.41 0.00	75.27 2.12 0.00	87.90 2.22 0.00	65.50 1.53 0.00	57.23 1.06 0.00	51.12 0.80 0.00	46.56 0.73 0.00	47.07 0.74 0.00	49.00 0.77 0.00	49.37 0.82 0.00	56.62 1.27 0.00	72.98 1.78 0.00	83.51 2.27 0.00	73.98 1.95 0.00	68.22 1.66 -0.27	61.82 1.56 -0.25	57.49 1.41 -1.72	50.69 1.43 0.00	48.42 1.21 -2.48
SELKIRK___II 23799	51.35 0.56 0.00	47.85 0.57 0.00	45.64 0.58 0.00	45.07 0.62 0.00	46.29 0.59 0.00	51.29 0.76 0.00	74.31 1.17 0.00	86.79 1.11 0.00	64.93 0.96 0.00	56.89 0.73 0.00	50.92 0.61 0.00	46.43 0.59 0.00	46.98 0.65 0.00	48.91 0.67 0.00	49.23 0.68 0.00	56.23 0.88 0.00	72.33 1.14 0.00	82.61 1.38 0.00	73.26 1.22 0.00	67.63 1.06 -0.27	61.28 1.02 -0.25	57.02 0.92 -1.75	50.15 0.89 0.00	48.00 0.76 -2.51
SENECA OSWGO___HYD 24041	49.47 -1.32 0.00	46.11 -1.18 0.00	43.88 -1.17 0.00	43.29 -1.16 0.00	44.51 -1.19 0.00	49.22 -1.31 0.00	71.10 -2.05 0.00	83.54 -2.14 0.00	62.24 -1.72 0.00	54.70 -1.46 0.00	48.96 -1.36 0.00	44.60 -1.24 0.00	45.04 -1.30 0.00	46.88 -1.35 0.00	47.19 -1.36 0.00	53.69 -1.66 0.00	69.20 -1.99 0.00	78.96 -2.27 0.00	70.09 -1.94 0.00	64.53 -1.79 -0.02	58.35 -1.68 -0.02	52.89 -1.58 -0.12	47.83 -1.43 0.00	43.56 -1.34 -0.17
SENECA___115KV_TB3 355854	50.59 -0.20 0.00	47.48 0.19 0.00	45.14 0.09 0.00	44.80 0.35 0.00	45.79 0.09 0.00	49.06 -1.47 0.00	68.76 -4.39 0.00	81.14 -4.54 0.00	59.94 -4.03 0.00	53.64 -2.53 0.00	48.35 -1.96 0.00	44.18 -1.65 0.00	44.48 -1.85 0.00	46.11 -2.12 0.00	46.07 -2.47 0.00	51.57 -3.77 0.01	66.43 -4.77 0.00	75.87 -5.36 0.00	67.72 -4.32 0.00	61.55 -4.77 -0.03	55.00 -5.04 -0.03	50.05 -4.51 -0.20	46.75 -2.51 0.00	42.34 -2.68 -0.29
SENECA___ENERGY 23797	50.28 -0.51 0.00	46.86 -0.43 0.00	44.60 -0.45 0.00	44.05 -0.40 0.00	45.29 -0.41 0.00	49.87 -0.66 0.00	71.83 -1.31 0.00	84.66 -1.02 0.00	62.94 -1.03 0.00	55.38 -0.79 0.00	49.56 -0.75 0.00	45.14 -0.69 0.00	45.55 -0.79 0.00	47.41 -0.82 0.00	47.62 -0.92 0.00	54.13 -1.22 0.00	69.84 -1.35 0.00	79.77 -1.46 0.00	70.88 -1.16 0.00	65.13 -1.19 -0.02	58.96 -1.08 -0.02	53.38 -1.14 -0.16	48.32 -0.94 0.00	44.12 -0.85 -0.23
SHOEMAKER___GT 23640	52.56 1.78 0.00	48.84 1.56 0.00	46.54 1.48 0.00	45.87 1.42 0.00	47.16 1.46 0.00	52.45 1.92 0.00	76.29 3.14 0.00	89.02 3.34 0.00	66.65 2.69 0.00	58.58 2.41 0.00	52.63 2.32 0.00	47.90 2.06 0.00	48.47 2.13 0.00	50.40 2.17 0.00	50.73 2.19 0.00	57.90 2.55 0.00	74.40 3.21 0.00	85.05 3.82 0.00	75.42 3.39 0.00	69.68 3.18 -0.20	62.96 2.76 -0.19	58.16 2.50 -1.30	51.62 2.36 0.00	48.66 2.06 -1.87
SHOEMAKR_138KV_BK 111 55601	52.51 1.73 0.00	48.80 1.51 0.00	46.49 1.44 0.00	45.83 1.38 0.00	47.11 1.42 0.00	52.45 1.92 0.00	76.29 3.15 0.00	88.94 3.26 0.00	66.65 2.69 0.00	58.52 2.36 0.00	52.63 2.31 0.00	47.94 2.11 0.00	48.51 2.18 0.00	50.45 2.22 0.00	50.73 2.18 0.00	57.89 2.55 0.00	74.47 3.27 0.00	85.05 3.82 0.00	75.42 3.39 0.00	69.68 3.18 -0.20	63.02 2.82 -0.19	58.15 2.50 -1.29	51.57 2.32 0.00	48.65 2.06 -1.86
SHOREHAM_IC_1 23715	55.62 4.83 -0.01	51.40 4.11 0.00	48.75 3.70 0.00	48.01 3.56 0.00	49.40 3.70 0.00	55.03 4.50 0.00	77.97 4.83 0.00	90.13 4.45 0.00	67.87 3.90 0.00	61.56 5.39 0.00	55.70 5.39 0.00	50.88 5.04 -0.01	51.43 5.10 0.00	53.78 5.54 -0.01	53.90 5.34 -0.02	61.48 6.09 -0.04	79.00 7.76 -0.04	89.68 8.45 0.00	80.25 8.21 -0.01	74.80 7.69 -0.81	66.86 6.60 -0.24	65.83 6.19 -5.28	54.89 5.61 -0.02	51.75 4.96 -2.06
SHOREHAM_IC_2 23716	55.62 4.82 -0.01	51.40 4.11 0.00	48.75 3.69 0.00	48.01 3.56 0.00	49.40 3.70 0.00	55.03 4.50 0.00	77.97 4.83 0.00	90.14 4.46 0.00	67.87 3.90 0.00	61.11 4.94 0.00	55.70 5.38 0.00	50.88 5.04 -0.01	51.38 5.05 0.00	53.79 5.55 -0.01	53.90 5.34 -0.02	61.42 6.03 -0.04	79.28 8.05 -0.04	89.68 8.45 0.00	80.26 8.21 -0.01	74.80 7.69 -0.81	66.86 6.60 -0.24	65.83 6.20 -5.28	54.89 5.62 -0.02	51.76 4.97 -2.06
SISSONVILLE____ 23735	51.65 0.86 0.00	47.85 0.57 0.00	45.59 0.54 0.00	44.94 0.49 0.00	46.25 0.55 0.00	49.92 -0.61 0.00	71.75 -1.39 0.00	84.74 -0.94 0.00	62.69 -1.28 0.00	55.43 -0.73 0.00	49.46 -0.86 0.00	44.69 -1.15 0.00	45.27 -1.07 0.00	46.78 -1.45 0.00	47.43 -1.12 0.00	53.96 -1.38 0.00	68.56 -2.63 0.00	77.50 -3.74 0.00	68.36 -3.67 0.00	64.05 -2.25 0.00	58.16 -1.86 0.00	53.90 -0.49 -0.03	47.93 -1.33 0.00	44.15 -0.63 -0.04
SITHE_IND_GS1 24169	49.01 -1.78 0.00	45.68 -1.61 0.00	43.47 -1.58 0.00	42.89 -1.56 0.00	44.10 -1.60 0.00	48.71 -1.82 0.00	70.29 -2.85 0.00	82.51 -3.17 0.00	61.54 -2.43 0.00	54.09 -2.08 0.00	48.45 -1.86 0.00	44.14 -1.69 0.00	44.57 -1.76 0.00	46.40 -1.83 0.00	46.70 -1.84 0.00	53.13 -2.22 0.00	68.42 -2.78 0.00	78.07 -3.17 0.00	69.30 -2.74 0.00	63.73 -2.59 -0.01	57.75 -2.28 -0.01	52.33 -2.12 -0.09	47.34 -1.92 0.00	43.17 -1.70 -0.13
SITHE_IND_GS2 24170	49.01 -1.78 0.00	45.68 -1.61 0.00	43.47 -1.58 0.00	42.89 -1.56 0.00	44.10 -1.60 0.00	48.71 -1.82 0.00	70.29 -2.85 0.00	82.51 -3.17 0.00	61.54 -2.43 0.00	54.09 -2.08 0.00	48.45 -1.86 0.00	44.14 -1.69 0.00	44.57 -1.76 0.00	46.40 -1.83 0.00	46.70 -1.84 0.00	53.13 -2.22 0.00	68.42 -2.78 0.00	78.07 -3.17 0.00	69.30 -2.74 0.00	63.73 -2.59 -0.01	57.75 -2.28 -0.01	52.33 -2.12 -0.09	47.34 -1.92 0.00	43.17 -1.70 -0.13
SITHE_IND_GS3 24171	49.01 -1.78 0.00	45.68 -1.61 0.00	43.47 -1.58 0.00	42.89 -1.56 0.00	44.10 -1.60 0.00	48.71 -1.82 0.00	70.29 -2.85 0.00	82.51 -3.17 0.00	61.54 -2.43 0.00	54.09 -2.08 0.00	48.45 -1.86 0.00	44.14 -1.69 0.00	44.57 -1.76 0.00	46.40 -1.83 0.00	46.70 -1.84 0.00	53.13 -2.22 0.00	68.42 -2.78 0.00	78.07 -3.17 0.00	69.30 -2.74 0.00	63.73 -2.59 -0.01	57.75 -2.28 -0.01	52.33 -2.12 -0.09	47.34 -1.92 0.00	43.17 -1.70 -0.13
SITHE_IND_GS4 24172	49.01 -1.78 0.00	45.68 -1.61 0.00	43.47 -1.58 0.00	42.89 -1.56 0.00	44.10 -1.60 0.00	48.71 -1.82 0.00	70.29 -2.85 0.00	82.51 -3.17 0.00	61.54 -2.43 0.00	54.09 -2.08 0.00	48.45 -1.86 0.00	44.14 -1.69 0.00	44.57 -1.76 0.00	46.40 -1.83 0.00	46.70 -1.84 0.00	53.13 -2.22 0.00	68.42 -2.78 0.00	78.07 -3.17 0.00	69.30 -2.74 0.00	63.73 -2.59 -0.01	57.75 -2.28 -0.01	52.33 -2.12 -0.09	47.34 -1.92 0.00	43.17 -1.70 -0.13

SITHE___BATAVIA 24024	51.30 0.51 0.00	48.04 0.75 0.00	45.64 0.58 0.00	45.29 0.84 0.00	46.38 0.69 0.00	49.67 -0.86 0.00	70.14 -3.00 0.00	82.94 -2.75 0.00	61.22 -2.75 0.00	54.31 -1.85 0.00	48.76 -1.56 0.00	44.50 -1.33 0.00	44.76 -1.58 0.00	46.40 -1.83 0.00	46.51 -2.04 0.00	52.24 -3.10 0.01	67.57 -3.63 0.00	77.42 -3.82 0.00	69.08 -2.96 0.00	63.08 -3.25 -0.03	57.16 -2.88 -0.02	51.81 -2.72 -0.17	47.53 -1.73 0.00	43.46 -1.52 -0.25
SITHE___INDEPEND 23800	49.01 -1.78 0.00	45.68 -1.61 0.00	43.48 -1.58 0.00	42.90 -1.56 0.00	44.10 -1.60 0.00	48.71 -1.82 0.00	70.29 -2.85 0.00	82.51 -3.17 0.00	61.53 -2.43 0.00	54.09 -2.08 0.00	48.45 -1.86 0.00	44.14 -1.70 0.00	44.57 -1.76 0.00	46.40 -1.83 0.00	46.70 -1.84 0.00	53.13 -2.21 0.00	68.42 -2.78 0.00	78.07 -3.17 0.00	69.30 -2.74 0.00	63.73 -2.59 -0.01	57.69 -2.34 -0.01	52.33 -2.12 -0.09	47.34 -1.92 0.00	43.17 -1.70 -0.13
SITHE___MASSENA 23902	51.96 1.17 0.00	48.09 0.80 0.00	45.86 0.81 0.00	45.21 0.75 0.00	46.56 0.87 0.00	50.43 -0.10 0.00	72.56 -0.59 0.00	85.42 -0.26 0.00	63.33 -0.64 0.00	54.82 -1.35 0.00	50.11 -0.20 0.00	45.33 -0.50 0.00	45.96 -0.37 0.00	47.84 -0.39 0.00	48.45 -0.10 0.00	54.79 -0.55 0.00	70.13 -1.07 0.00	79.52 -1.71 0.00	70.24 -1.80 0.00	65.17 -1.13 0.00	59.17 -0.84 0.00	54.57 0.22 0.00	48.57 -0.69 0.00	44.47 -0.27 0.00
SITHE___OGDNSBRG 24021	52.67 1.88 0.00	48.85 1.56 0.00	46.49 1.44 0.00	45.78 1.33 0.00	47.16 1.46 0.00	51.09 0.56 0.00	73.58 0.44 0.00	86.97 1.29 0.00	63.97 0.00 0.00	56.39 0.22 0.00	50.21 -0.10 0.00	45.33 -0.50 0.00	45.87 -0.46 0.00	47.70 -0.53 0.00	48.35 -0.19 0.00	55.18 -0.17 0.00	70.34 -0.85 0.00	80.02 -1.22 0.00	70.59 -1.44 0.00	65.84 -0.46 0.00	59.78 -0.24 0.00	55.20 0.82 -0.02	49.01 -0.25 0.00	44.99 0.22 -0.03
SITHE___STERLING 23777	52.06 1.27 0.00	48.56 1.28 0.00	46.18 1.13 0.00	45.52 1.07 0.00	46.84 1.14 0.00	51.90 1.36 0.00	75.34 2.19 0.00	88.76 3.08 0.00	65.75 1.79 0.00	57.57 1.40 0.00	51.32 1.01 0.00	46.70 0.87 0.00	47.12 0.79 0.00	49.05 0.82 0.00	49.42 0.87 0.00	56.56 1.22 0.00	72.90 1.71 0.00	83.10 1.87 0.00	73.55 1.52 0.00	67.71 1.39 -0.01	61.29 1.26 -0.01	55.42 0.98 -0.09	50.10 0.84 0.00	45.62 0.76 -0.12
SLEIGHT__34_KV_TB1 80719	50.13 -0.66 0.00	46.77 -0.52 0.00	44.47 -0.59 0.00	43.96 -0.49 0.00	45.15 -0.55 0.00	49.47 -1.06 0.00	70.95 -2.19 0.00	83.71 -1.97 0.00	62.17 -1.79 0.00	54.82 -1.35 0.00	49.11 -1.21 0.00	44.73 -1.10 0.00	45.13 -1.20 0.00	46.93 -1.30 0.00	47.14 -1.41 0.00	53.41 -1.94 0.00	68.99 -2.21 0.00	78.96 -2.27 0.00	70.09 -1.94 0.00	64.40 -1.92 -0.02	58.23 -1.80 -0.02	52.82 -1.69 -0.15	47.83 -1.43 0.00	43.73 -1.21 -0.21
SMITHTWN_69_KV_BK 1 55830	55.21 4.42 -0.01	51.02 3.74 0.00	48.39 3.33 0.00	47.65 3.20 0.00	49.03 3.34 0.00	54.62 4.09 0.00	77.24 4.10 0.00	89.02 3.34 0.00	67.36 3.39 0.00	60.71 4.55 0.00	55.35 5.03 0.00	50.65 4.81 -0.01	51.15 4.82 0.00	53.45 5.21 -0.01	53.51 4.95 -0.02	60.88 5.48 -0.05	78.51 7.26 -0.05	88.55 7.31 0.00	79.17 7.13 -0.01	74.18 6.90 -0.99	66.21 5.94 -0.26	66.34 5.54 -0.64	54.45 5.17 -0.02	51.35 4.56 -2.06
SOUTH CAIRO___GT 23612	53.73 2.95 0.00	50.17 2.88 0.00	47.76 2.70 0.00	47.21 2.76 0.00	48.49 2.79 0.00	53.92 3.39 0.00	78.78 5.63 0.00	91.94 6.25 0.00	67.87 3.90 0.00	58.52 2.36 0.00	52.03 1.71 0.00	47.11 1.28 0.00	47.54 1.20 0.00	49.58 1.35 0.00	50.00 1.46 0.00	57.67 2.32 0.00	74.90 3.70 0.00	86.35 5.12 0.00	76.50 4.47 0.00	70.67 4.11 -0.26	63.97 3.72 -0.24	58.75 2.72 -1.67	52.41 3.15 0.00	49.42 2.28 -2.41
SOUTH HAMPTN___IC 23720	56.23 5.44 -0.01	51.97 4.68 0.00	49.29 4.23 0.00	48.50 4.04 0.00	49.90 4.20 0.00	55.58 5.05 0.00	79.00 5.85 0.00	91.25 5.57 0.00	68.63 4.67 0.00	62.18 6.01 0.00	56.30 5.98 0.00	51.38 5.54 -0.01	51.94 5.60 0.00	54.36 6.13 -0.01	54.48 5.92 -0.02	62.19 6.81 -0.04	79.99 8.75 -0.04	90.90 9.66 0.00	81.34 9.30 -0.01	75.72 8.62 -0.81	67.64 7.38 -0.24	66.49 6.90 -5.23	55.43 6.16 -0.02	52.24 5.46 -2.06
SOUTHDOW_115KV_TB1 355954	52.01 1.22 0.00	48.89 1.61 0.00	46.40 1.35 0.00	46.10 1.64 0.00	47.16 1.46 0.00	50.83 0.30 0.00	72.12 -1.02 0.00	84.82 -0.86 0.00	62.62 -1.34 0.00	55.66 -0.51 0.00	50.27 -0.05 0.00	45.88 0.05 0.00	46.24 -0.09 0.00	47.85 -0.39 0.00	47.77 -0.78 0.00	53.79 -1.55 0.01	69.34 -1.85 0.00	79.77 -1.46 0.00	70.95 -1.08 0.00	63.88 -2.45 -0.03	57.28 -2.76 -0.03	51.09 -3.48 -0.21	48.13 -1.13 0.00	43.15 -1.88 -0.30
SOUTHOLD_69_KV_BK 2 55809	57.04 6.25 -0.01	52.72 5.44 0.00	50.01 4.96 0.00	49.21 4.76 0.00	50.63 4.94 0.00	56.39 5.86 0.00	80.31 7.17 0.00	92.88 7.20 0.00	69.72 5.76 0.00	62.62 6.46 0.00	57.11 6.79 0.00	52.12 6.28 -0.01	52.63 6.30 0.00	55.14 6.90 -0.01	55.31 6.75 -0.02	63.19 7.80 -0.04	81.84 10.61 -0.04	92.61 11.37 0.00	82.85 10.81 -0.01	77.11 10.01 -0.81	68.84 8.58 -0.24	67.58 7.99 -5.23	56.22 6.95 -0.02	52.96 6.17 -2.06
SOUTHOLD___IC 23719	57.04 6.25 -0.01	52.72 5.44 0.00	50.01 4.96 0.00	49.21 4.76 0.00	50.63 4.94 0.00	56.39 5.86 0.00	80.32 7.17 0.00	92.88 7.20 0.00	69.72 5.76 0.00	63.07 6.91 0.00	57.11 6.79 0.00	52.12 6.28 -0.01	52.63 6.30 0.00	55.14 6.90 -0.01	55.31 6.75 -0.02	63.19 7.81 -0.04	81.49 10.25 -0.04	92.61 11.37 0.00	82.92 10.88 -0.01	77.12 10.01 -0.81	68.77 8.52 -0.24	67.58 7.99 -5.23	56.22 6.95 -0.02	52.96 6.17 -2.06
SOUTH_FORK_WT_PWR 323839	57.20 6.40 -0.01	52.82 5.53 0.00	50.10 5.04 0.00	49.34 4.89 0.00	50.77 5.07 0.00	56.54 6.01 0.00	80.53 7.38 0.00	93.05 7.37 0.00	69.85 5.88 0.00	63.18 7.02 0.00	57.21 6.89 0.00	52.21 6.37 -0.01	52.73 6.40 0.00	55.23 6.99 -0.01	55.41 6.85 -0.02	63.36 7.97 -0.04	81.70 10.47 -0.04	92.77 11.53 0.00	83.06 11.02 -0.01	77.25 10.14 -0.81	68.90 8.64 -0.24	67.74 8.15 -5.23	56.32 7.04 -0.02	53.05 6.26 -2.06
SPIERFLS_115KV_TB 1 80737	53.99 3.20 0.00	50.41 3.12 0.00	47.89 2.84 0.00	47.30 2.84 0.00	48.62 2.92 0.00	54.07 3.54 0.00	78.70 5.56 0.00	92.19 6.51 0.00	68.51 4.54 0.00	59.65 3.48 0.00	53.08 2.77 0.00	48.12 2.29 0.00	48.46 2.13 0.00	50.35 2.12 0.00	50.78 2.23 0.00	58.56 3.21 0.00	75.68 4.49 0.00	86.92 5.69 0.00	76.93 4.90 0.00	70.89 4.31 -0.28	64.54 4.26 -0.26	59.94 3.75 -1.83	52.61 3.35 0.00	50.27 2.91 -2.63
ST LAWRENCE____ 23600	51.15 0.36 0.00	47.38 0.09 0.00	45.19 0.14 0.00	44.54 0.09 0.00	45.88 0.18 0.00	49.77 -0.76 0.00	71.60 -1.54 0.00	84.31 -1.37 0.00	62.50 -1.47 0.00	54.25 -1.91 0.00	49.51 -0.81 0.00	44.82 -1.01 0.00	45.41 -0.93 0.00	47.31 -0.92 0.00	47.87 -0.68 0.00	54.13 -1.22 0.00	69.28 -1.92 0.00	78.63 -2.60 0.00	69.45 -2.59 0.00	64.44 -1.86 0.00	58.52 -1.50 0.00	53.92 -0.44 0.00	47.93 -1.33 0.00	43.88 -0.85 0.00

STATE_CA_115KV_115_LB 55624	51.30 0.51 0.00	47.85 0.57 0.00	45.59 0.54 0.00	45.07 0.62 0.00	46.25 0.55 0.00	51.24 0.71 0.00	74.24 1.10 0.00	86.88 1.20 0.00	64.93 0.96 0.00	56.84 0.67 0.00	50.92 0.60 0.00	46.43 0.60 0.00	46.89 0.56 0.00	48.91 0.68 0.00	49.23 0.68 0.00	56.23 0.89 0.00	72.41 1.21 0.00	82.62 1.38 0.00	73.26 1.22 0.00	67.63 1.06 -0.27	61.29 1.02 -0.25	57.05 0.92 -1.77	50.15 0.89 0.00	48.04 0.76 -2.55
STATE_ST_34_KV_LOAD 55959	50.64 -0.15 0.00	47.19 -0.09 0.00	44.92 -0.14 0.00	44.32 -0.13 0.00	45.61 -0.09 0.00	50.33 -0.20 0.00	72.70 -0.44 0.00	85.59 -0.09 0.00	63.65 -0.32 0.00	55.83 -0.34 0.00	49.96 -0.35 0.00	45.51 -0.32 0.00	45.92 -0.42 0.00	47.80 -0.43 0.00	48.11 -0.44 0.00	54.74 -0.61 0.00	70.63 -0.57 0.00	80.83 -0.41 0.00	71.82 -0.22 0.00	66.06 -0.27 -0.03	59.68 -0.36 -0.02	53.99 -0.54 -0.17	48.86 -0.39 0.00	44.53 -0.45 -0.25
STATION_5_MISC_HYD 23604	50.54 -0.25 0.00	47.19 -0.09 0.00	44.87 -0.18 0.00	44.41 -0.04 0.00	45.56 -0.14 0.00	49.57 -0.96 0.00	70.51 -2.63 0.00	83.28 -2.40 0.00	61.79 -2.18 0.00	54.70 -1.46 0.00	49.06 -1.26 0.00	44.73 -1.10 0.00	45.08 -1.25 0.00	46.83 -1.40 0.00	46.99 -1.56 0.00	53.07 -2.27 0.00	68.56 -2.63 0.00	78.39 -2.85 0.00	69.73 -2.31 0.00	63.87 -2.45 -0.02	58.11 -1.92 -0.02	52.66 -1.85 -0.15	47.78 -1.48 0.00	43.83 -1.12 -0.22
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	50.28 -0.51 0.00	46.95 -0.33 0.00	44.65 -0.41 0.00	44.14 -0.31 0.00	45.33 -0.37 0.00	49.67 -0.86 0.00	71.17 -1.97 0.00	83.97 -1.71 0.00	62.37 -1.60 0.00	54.98 -1.18 0.00	49.26 -1.06 0.00	44.87 -0.96 0.00	45.27 -1.07 0.00	47.07 -1.16 0.00	47.28 -1.26 0.00	53.57 -1.77 0.00	69.20 -1.99 0.00	79.20 -2.03 0.00	70.31 -1.73 0.00	64.60 -1.72 -0.02	58.47 -1.56 -0.02	53.03 -1.47 -0.14	48.03 -1.23 0.00	43.91 -1.03 -0.21
STA_56_34_KV_BUS2_REV_LBMP_B 345033	50.08 -0.71 0.00	46.77 -0.52 0.00	44.47 -0.59 0.00	44.01 -0.44 0.00	45.20 -0.50 0.00	49.22 -1.31 0.00	70.07 -3.07 0.00	82.68 -3.00 0.00	61.41 -2.56 0.00	54.37 -1.80 0.00	48.76 -1.56 0.00	44.46 -1.37 0.00	44.80 -1.53 0.00	46.54 -1.69 0.00	46.70 -1.84 0.00	52.74 -2.60 0.00	68.13 -3.06 0.00	78.07 -3.17 0.00	69.30 -2.74 0.00	63.67 -2.65 -0.02	57.63 -2.40 -0.02	52.38 -2.12 -0.14	47.49 -1.77 0.00	43.55 -1.39 -0.20
STA_56___34_KV_BUS2 355983	50.08 -0.71 0.00	46.77 -0.52 0.00	44.47 -0.59 0.00	44.01 -0.44 0.00	45.20 -0.50 0.00	49.22 -1.31 0.00	70.07 -3.07 0.00	82.68 -3.00 0.00	61.41 -2.56 0.00	54.37 -1.80 0.00	48.76 -1.56 0.00	44.46 -1.37 0.00	44.80 -1.53 0.00	46.54 -1.69 0.00	46.70 -1.84 0.00	52.74 -2.60 0.00	68.13 -3.06 0.00	78.07 -3.17 0.00	69.30 -2.74 0.00	63.67 -2.65 -0.02	57.63 -2.40 -0.02	52.38 -2.12 -0.14	47.49 -1.77 0.00	43.55 -1.39 -0.20
STA_67___115KV_BK2 355882	50.43 -0.36 0.00	47.10 -0.19 0.00	44.78 -0.27 0.00	44.36 -0.09 0.00	45.47 -0.23 0.00	49.47 -1.06 0.00	70.36 -2.78 0.00	83.11 -2.57 0.00	61.66 -2.30 0.00	54.59 -1.57 0.00	48.96 -1.36 0.00	44.64 -1.19 0.00	45.04 -1.30 0.00	46.74 -1.50 0.00	46.90 -1.65 0.00	52.91 -2.44 0.01	68.35 -2.85 0.00	78.39 -2.84 0.00	69.59 -2.45 0.00	63.93 -2.39 -0.02	57.81 -2.22 -0.02	52.54 -1.96 -0.15	47.68 -1.58 0.00	43.78 -1.16 -0.21
STA_7___115KV_9TRANS 80674	50.74 -0.05 0.00	47.38 0.09 0.00	45.01 -0.05 0.00	44.58 0.13 0.00	45.74 0.05 0.00	49.77 -0.76 0.00	70.88 -2.27 0.00	83.71 -1.97 0.00	62.11 -1.86 0.00	54.93 -1.24 0.00	49.26 -1.06 0.00	44.91 -0.92 0.00	45.27 -1.07 0.00	47.03 -1.21 0.00	47.19 -1.36 0.00	53.30 -2.05 0.01	68.92 -2.28 0.00	79.04 -2.19 0.00	70.16 -1.87 0.00	64.40 -1.92 -0.02	58.29 -1.74 -0.02	52.93 -1.58 -0.15	48.03 -1.23 0.00	44.00 -0.94 -0.21
STA_82___115KV_TB1 80780	50.38 -0.41 0.00	47.10 -0.19 0.00	44.74 -0.32 0.00	44.32 -0.13 0.00	45.47 -0.23 0.00	49.42 -1.11 0.00	70.29 -2.85 0.00	83.02 -2.66 0.00	61.60 -2.37 0.00	54.54 -1.63 0.00	48.91 -1.41 0.00	44.64 -1.19 0.00	44.99 -1.34 0.00	46.69 -1.54 0.00	46.85 -1.70 0.00	52.91 -2.44 0.01	68.28 -2.92 0.00	78.31 -2.92 0.00	69.51 -2.52 0.00	63.87 -2.45 -0.02	57.81 -2.22 -0.02	52.55 -1.96 -0.15	47.68 -1.58 0.00	43.73 -1.21 -0.21
STEEL___WIND 323596	50.59 -0.20 0.00	47.43 0.14 0.00	45.10 0.05 0.00	44.76 0.31 0.00	45.79 0.09 0.00	49.02 -1.51 0.00	68.76 -4.39 0.00	81.05 -4.63 0.00	59.87 -4.10 0.00	53.64 -2.53 0.00	48.30 -2.01 0.00	44.14 -1.69 0.00	44.43 -1.90 0.00	46.06 -2.17 0.00	46.02 -2.53 0.00	51.52 -3.82 0.01	66.35 -4.84 0.00	75.79 -5.44 0.00	67.64 -4.40 0.00	61.49 -4.84 -0.03	54.94 -5.10 -0.03	49.99 -4.57 -0.20	46.70 -2.56 0.00	42.29 -2.73 -0.29
STEPHTWN_115KV_BK_2 55603	51.70 0.91 0.00	48.23 0.95 0.00	45.95 0.90 0.00	45.38 0.93 0.00	46.61 0.91 0.00	51.64 1.11 0.00	74.97 1.83 0.00	87.65 1.97 0.00	65.50 1.54 0.00	57.29 1.12 0.00	51.22 0.91 0.00	46.66 0.82 0.00	47.12 0.79 0.00	49.15 0.92 0.00	49.47 0.92 0.00	56.62 1.27 0.00	72.97 1.78 0.00	83.35 2.11 0.00	73.91 1.87 0.00	68.23 1.66 -0.27	61.83 1.56 -0.25	57.48 1.36 -1.76	50.54 1.28 0.00	48.38 1.12 -2.53
STEUBEN_REC_LFGE 323667	51.75 0.96 0.00	48.47 1.18 0.00	45.95 0.90 0.00	45.61 1.16 0.00	46.75 1.05 0.00	50.63 0.10 0.00	71.68 -1.46 0.00	84.31 -1.37 0.00	61.66 -2.30 0.00	54.70 -1.46 0.00	49.31 -1.01 0.00	45.01 -0.82 0.00	45.22 -1.11 0.00	46.83 -1.40 0.00	46.90 -1.65 0.00	52.89 -2.44 0.03	68.49 -2.71 0.00	78.47 -2.76 0.00	70.09 -1.94 0.00	63.69 -2.65 -0.04	56.81 -3.24 -0.04	51.05 -3.59 -0.28	47.34 -1.92 0.00	42.85 -2.28 -0.40
STILLWATER___SOLAR 323814	53.28 2.49 0.00	49.70 2.41 0.00	47.26 2.21 0.00	46.67 2.22 0.00	47.98 2.28 0.00	53.21 2.68 0.00	77.31 4.17 0.00	90.48 4.80 0.00	67.35 3.39 0.00	58.80 2.64 0.00	52.33 2.01 0.00	47.57 1.74 0.00	48.00 1.67 0.00	49.96 1.73 0.00	50.39 1.84 0.00	57.95 2.60 0.00	74.82 3.63 0.00	85.70 4.46 0.00	75.92 3.89 0.00	70.09 3.51 -0.28	63.57 3.30 -0.26	59.11 2.93 -1.82	51.87 2.61 0.00	49.68 2.32 -2.62
STONY___BROOK 24151	55.16 4.37 -0.01	51.02 3.73 0.00	48.39 3.33 0.00	47.61 3.16 0.00	48.99 3.29 0.00	54.62 4.09 0.00	77.16 4.02 0.00	88.76 3.08 0.00	67.35 3.39 0.00	61.16 5.00 0.00	55.35 5.03 0.00	50.56 4.72 -0.01	51.15 4.82 0.00	53.45 5.21 -0.01	53.52 4.95 -0.02	60.87 5.48 -0.04	77.93 6.69 -0.04	88.30 7.06 0.00	78.96 6.92 -0.01	73.94 6.77 -0.88	66.08 5.82 -0.25	65.56 5.49 -5.72	54.40 5.12 -0.02	51.35 4.56 -2.06
STURGEON_POOL_HYD 23609	52.87 2.08 0.00	49.13 1.84 0.00	46.76 1.71 0.00	46.10 1.64 0.00	47.39 1.69 0.00	52.80 2.27 0.00	76.95 3.80 0.00	89.62 3.94 0.00	67.23 3.26 0.00	58.92 2.75 0.00	53.03 2.72 0.00	48.31 2.47 0.00	48.84 2.50 0.00	50.79 2.56 0.00	51.07 2.52 0.00	58.34 2.99 0.00	75.04 3.84 0.00	85.70 4.47 0.00	76.00 3.96 0.00	70.24 3.71 -0.23	63.52 3.30 -0.21	58.59 2.77 -1.46	52.02 2.76 0.00	49.07 2.24 -2.10

ST_LAW_115_BK7_LBMP 345037	51.19 0.40 0.00	47.43 0.14 0.00	45.23 0.18 0.00	44.58 0.13 0.00	45.93 0.23 0.00	49.77 -0.76 0.00	71.60 -1.54 0.00	84.31 -1.37 0.00	62.50 -1.47 0.00	54.20 -1.97 0.00	49.51 -0.81 0.00	44.82 -1.01 0.00	45.41 -0.93 0.00	47.31 -0.92 0.00	47.87 -0.68 0.00	54.13 -1.22 0.00	69.28 -1.92 0.00	78.63 -2.60 0.00	69.45 -2.59 0.00	64.37 -1.92 0.00	58.52 -1.50 0.00	53.92 -0.44 0.00	47.93 -1.33 0.00	43.88 -0.85 0.00
ST_LAW_115_BK8_LBMP 345038	51.19 0.40 0.00	47.43 0.14 0.00	45.23 0.18 0.00	44.58 0.13 0.00	45.93 0.23 0.00	49.77 -0.76 0.00	71.60 -1.54 0.00	84.31 -1.37 0.00	62.50 -1.47 0.00	54.20 -1.97 0.00	49.51 -0.81 0.00	44.82 -1.01 0.00	45.41 -0.93 0.00	47.31 -0.92 0.00	47.87 -0.68 0.00	54.13 -1.22 0.00	69.28 -1.92 0.00	78.63 -2.60 0.00	69.45 -2.59 0.00	64.37 -1.92 0.00	58.52 -1.50 0.00	53.92 -0.44 0.00	47.93 -1.33 0.00	43.88 -0.85 0.00
ST_LAW_230_BK5_LBMP 345035	51.15 0.36 0.00	47.38 0.09 0.00	45.19 0.14 0.00	44.54 0.09 0.00	45.88 0.18 0.00	49.77 -0.76 0.00	71.60 -1.54 0.00	84.31 -1.37 0.00	62.50 -1.47 0.00	54.25 -1.91 0.00	49.51 -0.81 0.00	44.82 -1.01 0.00	45.41 -0.93 0.00	47.31 -0.92 0.00	47.87 -0.68 0.00	54.13 -1.22 0.00	69.28 -1.92 0.00	78.63 -2.60 0.00	69.45 -2.59 0.00	64.44 -1.86 0.00	58.52 -1.50 0.00	53.92 -0.44 0.00	47.93 -1.33 0.00	43.88 -0.85 0.00
ST_LAW_230_BK6_LBMP 345036	51.15 0.36 0.00	47.38 0.09 0.00	45.19 0.14 0.00	44.54 0.09 0.00	45.88 0.18 0.00	49.77 -0.76 0.00	71.60 -1.54 0.00	84.31 -1.37 0.00	62.50 -1.47 0.00	54.25 -1.91 0.00	49.51 -0.81 0.00	44.82 -1.01 0.00	45.41 -0.93 0.00	47.31 -0.92 0.00	47.87 -0.68 0.00	54.13 -1.22 0.00	69.28 -1.92 0.00	78.63 -2.60 0.00	69.45 -2.59 0.00	64.44 -1.86 0.00	58.52 -1.50 0.00	53.92 -0.44 0.00	47.93 -1.33 0.00	43.88 -0.85 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	52.62 1.83 0.00	48.89 1.61 0.00	46.58 1.53 0.00	45.87 1.42 0.00	47.21 1.51 0.00	52.60 2.07 0.00	76.51 3.36 0.00	89.19 3.51 0.00	66.91 2.94 0.00	58.75 2.58 0.00	52.93 2.62 0.00	48.26 2.43 0.00	48.79 2.46 0.00	50.74 2.51 0.00	51.02 2.48 0.00	58.23 2.88 0.00	74.83 3.63 0.00	85.46 4.22 0.00	75.78 3.75 0.00	69.95 3.45 -0.21	63.26 3.06 -0.19	58.46 2.77 -1.33	51.82 2.56 0.00	48.93 2.28 -1.91
SWANROAD_115KV_TB1 355699	49.72 -1.07 0.00	46.62 -0.66 0.00	43.79 -1.26 0.00	44.10 -0.36 0.00	45.10 -0.59 0.00	47.60 -2.93 0.00	66.27 -6.88 0.00	78.31 -7.37 0.00	57.95 -6.01 0.00	51.95 -4.21 0.00	46.79 -3.52 0.00	42.81 -3.02 0.00	43.14 -3.20 0.00	44.61 -3.62 0.00	44.66 -3.88 0.00	49.86 -5.48 0.01	64.00 -7.19 0.00	73.52 -7.72 0.00	65.41 -6.63 0.00	59.70 -6.63 -0.03	54.04 -6.00 -0.03	49.15 -5.38 -0.18	45.37 -3.89 0.00	41.59 -3.40 -0.26
SYNERGY___BIOGAS 323694	51.30 0.51 0.00	48.04 0.76 0.00	45.37 0.32 0.00	45.30 0.84 0.00	46.38 0.69 0.00	49.67 -0.86 0.00	70.14 -3.00 0.00	82.94 -2.74 0.00	61.22 -2.75 0.00	54.31 -1.85 0.00	48.76 -1.56 0.00	44.50 -1.33 0.00	44.76 -1.58 0.00	46.40 -1.83 0.00	46.51 -2.04 0.00	52.19 -3.15 0.01	67.49 -3.70 0.00	77.74 -3.49 0.00	69.15 -2.88 0.00	63.21 -3.12 -0.03	57.22 -2.82 -0.02	51.80 -2.72 -0.17	47.53 -1.72 0.00	43.45 -1.52 -0.24
SYRACUSE___ENERGY_ST1 323597	50.38 -0.41 0.00	46.95 -0.33 0.00	44.65 -0.41 0.00	44.10 -0.36 0.00	45.33 -0.37 0.00	50.08 -0.45 0.00	72.34 -0.80 0.00	85.08 -0.60 0.00	63.39 -0.58 0.00	55.66 -0.51 0.00	49.86 -0.45 0.00	45.42 -0.41 0.00	45.82 -0.51 0.00	47.75 -0.48 0.00	48.01 -0.53 0.00	54.63 -0.72 0.00	70.41 -0.78 0.00	80.42 -0.81 0.00	71.39 -0.65 0.00	65.59 -0.73 -0.02	59.31 -0.72 -0.02	53.74 -0.76 -0.15	48.67 -0.59 0.00	44.32 -0.63 -0.21
SYRACUSE___ENERGY_ST2 323598	50.38 -0.41 0.00	46.95 -0.33 0.00	44.65 -0.41 0.00	44.10 -0.36 0.00	45.33 -0.37 0.00	50.08 -0.45 0.00	72.34 -0.80 0.00	85.08 -0.60 0.00	63.39 -0.58 0.00	55.66 -0.51 0.00	49.86 -0.45 0.00	45.42 -0.41 0.00	45.82 -0.51 0.00	47.75 -0.48 0.00	48.01 -0.53 0.00	54.63 -0.72 0.00	70.41 -0.78 0.00	80.42 -0.81 0.00	71.39 -0.65 0.00	65.59 -0.73 -0.02	59.31 -0.72 -0.02	53.74 -0.76 -0.15	48.67 -0.59 0.00	44.32 -0.63 -0.21
SYRACUSE___POWER 24017	50.33 -0.46 0.00	46.91 -0.38 0.00	44.65 -0.41 0.00	44.05 -0.40 0.00	45.29 -0.41 0.00	50.03 -0.51 0.00	72.27 -0.88 0.00	85.00 -0.69 0.00	63.33 -0.64 0.00	55.60 -0.56 0.00	49.81 -0.50 0.00	45.37 -0.46 0.00	45.82 -0.51 0.00	47.75 -0.48 0.00	48.01 -0.53 0.00	54.57 -0.77 0.00	70.34 -0.85 0.00	80.34 -0.89 0.00	71.32 -0.72 0.00	65.53 -0.80 -0.02	59.26 -0.78 -0.02	53.70 -0.82 -0.16	48.62 -0.64 0.00	44.34 -0.63 -0.23
TALLMAN_138KV_BK151 55660	52.72 1.93 0.00	48.99 1.70 0.00	46.63 1.58 0.00	45.96 1.51 0.00	47.25 1.55 0.00	52.70 2.17 0.00	76.73 3.58 0.00	89.36 3.68 0.00	67.16 3.20 0.00	59.08 2.92 0.00	53.28 2.97 0.00	48.58 2.75 0.00	49.11 2.78 0.00	51.08 2.85 0.00	51.36 2.82 0.00	58.56 3.21 0.00	75.18 3.99 0.00	85.86 4.63 0.00	76.14 4.11 0.00	70.35 3.85 -0.21	63.57 3.36 -0.20	58.77 3.04 -1.37	52.07 2.81 0.00	49.20 2.50 -1.97
TEALLAVE_115KV_TB7 355573	50.13 -0.66 0.00	46.67 -0.61 0.00	44.42 -0.63 0.00	43.87 -0.58 0.00	45.10 -0.59 0.00	49.82 -0.71 0.00	71.83 -1.32 0.00	84.48 -1.20 0.00	62.94 -1.02 0.00	55.32 -0.84 0.00	49.61 -0.70 0.00	45.19 -0.64 0.00	45.64 -0.70 0.00	47.51 -0.72 0.00	47.77 -0.78 0.00	54.30 -1.05 0.00	69.91 -1.28 0.00	79.85 -1.38 0.00	70.81 -1.22 0.00	65.13 -1.19 -0.02	58.95 -1.08 -0.02	53.40 -1.09 -0.13	48.37 -0.89 0.00	44.07 -0.85 -0.19
TELGRAPH_34_KV_EAST 80808	50.58 -0.20 0.00	47.38 0.09 0.00	44.74 -0.32 0.00	44.72 0.27 0.00	45.79 0.09 0.00	48.81 -1.72 0.00	68.46 -4.68 0.00	80.97 -4.71 0.00	59.81 -4.16 0.00	53.36 -2.81 0.00	48.00 -2.31 0.00	43.81 -2.02 0.00	44.16 -2.18 0.00	45.72 -2.51 0.00	45.78 -2.77 0.00	51.24 -4.10 0.01	66.07 -5.13 0.00	75.95 -5.28 0.00	67.57 -4.47 0.00	61.68 -4.64 -0.03	55.84 -4.20 -0.02	50.67 -3.86 -0.17	46.60 -2.66 0.00	42.65 -2.33 -0.25
TEMPLE___115KV_TB 2 55572	50.13 -0.66 0.00	46.72 -0.57 0.00	44.47 -0.59 0.00	43.87 -0.58 0.00	45.10 -0.59 0.00	49.82 -0.71 0.00	71.90 -1.24 0.00	84.57 -1.11 0.00	63.01 -0.96 0.00	55.32 -0.84 0.00	49.66 -0.65 0.00	45.24 -0.60 0.00	45.68 -0.65 0.00	47.56 -0.68 0.00	47.82 -0.73 0.00	54.35 -1.00 0.00	69.98 -1.21 0.00	79.85 -1.38 0.00	70.88 -1.15 0.00	65.19 -1.13 -0.02	58.95 -1.08 -0.02	53.46 -1.03 -0.13	48.42 -0.84 0.00	44.12 -0.81 -0.19
TIANA____69_KV_BK 1 55817	56.03 5.23 -0.01	51.78 4.49 0.00	49.11 4.05 0.00	48.32 3.87 0.00	49.72 4.02 0.00	55.43 4.90 0.00	78.63 5.49 0.00	90.91 5.23 0.00	68.38 4.41 0.00	61.56 5.39 0.00	56.10 5.79 0.00	51.25 5.41 -0.01	51.75 5.42 0.00	54.17 5.93 -0.01	54.29 5.73 -0.02	61.92 6.53 -0.04	79.99 8.76 -0.04	90.50 9.26 0.00	80.98 8.93 -0.01	75.46 8.35 -0.81	67.40 7.14 -0.24	66.28 6.69 -5.23	55.23 5.96 -0.02	52.07 5.28 -2.06

TILDEN___115KV_TB1 80814	50.33 -0.46 0.00	46.91 -0.38 0.00	44.65 -0.41 0.00	44.05 -0.40 0.00	45.29 -0.41 0.00	50.03 -0.51 0.00	72.27 -0.88 0.00	85.00 -0.69 0.00	63.33 -0.64 0.00	55.60 -0.56 0.00	49.81 -0.50 0.00	45.37 -0.46 0.00	45.82 -0.51 0.00	47.75 -0.48 0.00	48.01 -0.53 0.00	54.57 -0.77 0.00	70.34 -0.85 0.00	80.34 -0.89 0.00	71.32 -0.72 0.00	65.53 -0.80 -0.02	59.26 -0.78 -0.02	53.70 -0.82 -0.16	48.62 -0.64 0.00	44.34 -0.63 -0.23
TRIGEN___CC 323695	54.15 3.35 -0.01	50.17 2.88 0.00	47.67 2.61 0.00	46.90 2.44 0.00	48.26 2.56 0.00	53.81 3.28 0.00	76.80 3.66 0.00	89.19 3.51 0.00	66.97 3.01 0.00	59.87 3.71 0.00	54.49 4.18 0.00	49.83 3.99 -0.01	50.36 4.03 0.00	52.43 4.20 -0.01	52.39 3.84 -0.01	59.89 4.54 0.00	77.18 5.98 0.00	87.65 6.42 0.00	78.17 6.12 -0.01	72.16 5.64 -0.23	65.08 4.86 -0.20	60.35 4.57 -1.43	53.31 4.04 -0.01	50.37 3.58 -2.06
TRINITY__115KV__4 BK 55933	51.19 0.41 0.00	47.71 0.43 0.00	45.50 0.45 0.00	44.94 0.49 0.00	46.15 0.46 0.00	51.14 0.61 0.00	74.02 0.88 0.00	86.62 0.94 0.00	64.73 0.77 0.00	56.73 0.56 0.00	50.77 0.45 0.00	46.29 0.46 0.00	46.75 0.42 0.00	48.81 0.58 0.00	49.08 0.53 0.00	56.07 0.72 0.00	72.19 1.00 0.00	82.37 1.14 0.00	73.04 1.01 0.00	67.50 0.93 -0.27	61.17 0.90 -0.25	56.88 0.76 -1.76	50.00 0.74 0.00	47.94 0.67 -2.54
UNION___PROCESSING_DRP 323587	50.43 -0.36 0.00	47.10 -0.19 0.00	44.74 -0.32 0.00	44.32 -0.13 0.00	45.47 -0.23 0.00	49.47 -1.06 0.00	70.36 -2.78 0.00	83.02 -2.66 0.00	61.60 -2.37 0.00	54.54 -1.63 0.00	48.91 -1.41 0.00	44.64 -1.19 0.00	44.99 -1.34 0.00	46.69 -1.54 0.00	46.90 -1.65 0.00	52.91 -2.44 0.01	68.28 -2.92 0.00	78.31 -2.92 0.00	69.51 -2.52 0.00	63.87 -2.45 -0.02	57.81 -2.22 -0.02	52.55 -1.96 -0.15	47.68 -1.58 0.00	43.73 -1.21 -0.21
UPPER HUDSON___HYD 24058	53.99 3.20 0.00	50.41 3.12 0.00	47.89 2.84 0.00	47.30 2.85 0.00	48.63 2.93 0.00	54.07 3.54 0.00	78.70 5.56 0.00	92.19 6.51 0.00	68.51 4.54 0.00	59.70 3.54 0.00	53.08 2.77 0.00	48.17 2.34 0.00	48.51 2.18 0.00	50.35 2.12 0.00	50.78 2.23 0.00	58.56 3.21 0.00	75.68 4.49 0.00	86.92 5.68 0.00	76.94 4.90 0.00	70.89 4.31 -0.28	64.48 4.20 -0.26	59.94 3.75 -1.83	52.61 3.35 0.00	50.27 2.91 -2.63
UPPER RAQUET___HYD 24056	51.65 0.86 0.00	47.85 0.57 0.00	45.59 0.54 0.00	44.94 0.49 0.00	46.25 0.55 0.00	49.93 -0.60 0.00	71.75 -1.39 0.00	84.74 -0.94 0.00	62.69 -1.28 0.00	54.20 -1.97 0.00	49.46 -0.86 0.00	44.69 -1.14 0.00	45.27 -1.06 0.00	46.79 -1.45 0.00	47.43 -1.11 0.00	53.63 -1.72 0.00	68.56 -2.63 0.00	77.50 -3.74 0.00	68.36 -3.67 0.00	64.05 -2.25 0.00	58.22 -1.80 0.00	53.89 -0.49 -0.03	47.93 -1.33 0.00	44.14 -0.63 -0.04
VALLEY44_115KV_TB2 355964	50.43 -0.36 0.00	47.33 0.05 0.00	44.96 -0.09 0.00	44.67 0.22 0.00	45.70 0.00 0.00	49.27 -1.26 0.00	69.78 -3.36 0.00	81.57 -4.11 0.00	60.45 -3.52 0.00	53.75 -2.42 0.00	48.60 -1.71 0.00	44.41 -1.42 0.00	44.67 -1.67 0.00	46.21 -2.03 0.00	46.17 -2.38 0.00	51.96 -3.38 0.01	66.92 -4.27 0.00	77.09 -4.14 0.00	68.72 -3.31 0.00	61.62 -4.71 -0.03	55.30 -4.74 -0.03	49.02 -5.54 -0.21	46.94 -2.32 0.00	41.64 -3.40 -0.31
VALLEY___115KV_TB 1-4 80826	53.33 2.54 0.00	49.70 2.41 0.00	47.31 2.25 0.00	46.67 2.22 0.00	47.98 2.28 0.00	53.06 2.53 0.00	76.95 3.80 0.00	90.22 4.54 0.00	67.16 3.20 0.00	58.97 2.81 0.00	52.78 2.47 0.00	48.08 2.25 0.00	48.56 2.22 0.00	50.55 2.32 0.00	50.88 2.33 0.00	58.12 2.77 0.00	74.61 3.42 0.00	84.97 3.74 0.00	75.13 3.10 0.00	69.08 2.78 0.00	62.59 2.58 0.00	56.75 2.39 0.00	51.48 2.22 0.00	46.74 2.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	52.72 1.93 0.00	49.18 1.89 0.00	46.81 1.76 0.00	46.14 1.69 0.00	47.43 1.74 0.00	52.60 2.07 0.00	76.51 3.36 0.00	89.88 4.20 0.00	66.84 2.88 0.00	58.52 2.36 0.00	52.28 1.96 0.00	47.62 1.79 0.00	48.09 1.76 0.00	49.97 1.74 0.00	50.29 1.75 0.00	57.73 2.38 0.00	74.33 3.13 0.00	84.81 3.57 0.00	75.06 3.03 0.00	69.25 2.85 -0.10	62.75 2.64 -0.09	57.23 2.23 -0.65	51.28 2.02 0.00	47.45 1.79 -0.93
VISCHER___FERRY HYD 24020	52.41 1.62 0.00	48.80 1.51 0.00	46.49 1.44 0.00	45.87 1.42 0.00	47.16 1.46 0.00	52.30 1.77 0.00	75.85 2.71 0.00	88.76 3.08 0.00	66.27 2.30 0.00	58.01 1.85 0.00	51.62 1.31 0.00	47.07 1.24 0.00	47.63 1.30 0.00	49.63 1.40 0.00	50.00 1.46 0.00	57.23 1.88 0.00	73.75 2.56 0.00	84.32 3.09 0.00	74.77 2.74 0.00	69.03 2.45 -0.28	62.55 2.28 -0.26	58.16 2.01 -1.80	51.08 1.82 0.00	48.97 1.66 -2.58
V_A_10_SYNC_DSASP 323832	49.62 -1.17 0.00	46.43 -0.85 0.00	44.20 -0.86 0.00	43.83 -0.62 0.00	44.88 -0.82 0.00	48.31 -2.22 0.00	67.88 -5.27 0.00	80.03 -5.65 0.00	59.36 -4.61 0.00	53.02 -3.15 0.00	47.70 -2.62 0.00	43.59 -2.25 0.00	43.92 -2.41 0.00	45.53 -2.70 0.00	45.58 -2.96 0.00	51.08 -4.26 0.01	65.71 -5.48 0.00	75.30 -5.93 0.00	66.99 -5.04 0.00	61.42 -4.91 -0.02	55.60 -4.44 -0.02	50.77 -3.75 -0.16	46.30 -2.96 0.00	42.68 -2.28 -0.23
V_CMM_10_SYNC_DSASP 323787	51.50 0.71 0.00	47.71 0.43 0.00	45.46 0.41 0.00	44.85 0.40 0.00	46.20 0.50 0.00	50.08 -0.45 0.00	71.97 -1.17 0.00	84.74 -0.94 0.00	62.81 -1.15 0.00	55.71 -0.45 0.00	49.81 -0.50 0.00	45.05 -0.78 0.00	45.64 -0.70 0.00	47.56 -0.68 0.00	48.11 -0.44 0.00	54.74 -0.61 0.00	69.63 -1.57 0.00	79.04 -2.19 0.00	69.73 -2.31 0.00	64.77 -1.52 0.00	58.75 -1.26 0.00	54.19 -0.16 0.00	48.22 -1.03 0.00	44.11 -0.63 0.00
V_CMP_10_SYNC_DSASP 323788	51.85 1.07 0.00	47.99 0.71 0.00	45.77 0.72 0.00	45.12 0.67 0.00	46.52 0.82 0.00	50.08 -0.45 0.00	71.61 -1.54 0.00	84.40 -1.29 0.00	62.56 -1.41 0.00	55.77 -0.39 0.00	49.86 -0.45 0.00	45.10 -0.73 0.00	45.68 -0.65 0.00	47.56 -0.68 0.00	48.16 -0.39 0.00	54.79 -0.55 0.00	69.27 -1.92 0.00	78.63 -2.60 0.00	69.44 -2.59 0.00	64.44 -1.86 0.00	58.69 -1.32 0.00	54.57 0.22 0.00	48.47 -0.79 0.00	44.24 -0.49 0.00
V_D_10_SYNC_DSASP 323841	51.96 1.17 0.00	48.09 0.80 0.00	45.86 0.81 0.00	45.21 0.76 0.00	46.57 0.87 0.00	50.43 -0.10 0.00	72.48 -0.66 0.00	85.42 -0.26 0.00	63.26 -0.70 0.00	56.05 -0.11 0.00	50.11 -0.20 0.00	45.33 -0.50 0.00	45.92 -0.42 0.00	47.85 -0.39 0.00	48.45 -0.10 0.00	55.13 -0.22 0.00	70.13 -1.07 0.00	79.53 -1.71 0.00	70.23 -1.80 0.00	65.17 -1.13 0.00	59.11 -0.90 0.00	54.57 0.22 0.00	48.57 -0.69 0.00	44.46 -0.27 0.00
V_E_10_SYNC_DSASP 323830	54.70 3.91 0.00	51.16 3.88 0.00	48.48 3.42 0.00	47.74 3.29 0.00	49.17 3.47 0.00	54.57 4.04 0.00	79.65 6.51 0.00	94.68 9.00 0.00	69.21 5.25 0.00	60.26 4.10 0.00	53.33 3.02 0.00	48.44 2.61 0.00	48.79 2.46 0.00	50.74 2.51 0.00	51.17 2.62 0.00	59.01 3.65 -0.01	76.39 5.20 0.00	87.33 6.09 0.00	77.08 5.04 0.00	70.94 4.57 -0.07	64.16 4.08 -0.07	57.86 3.04 -0.46	51.97 2.71 0.00	47.72 2.33 -0.66

V_F_30_NSYNC___DSASP 323816	53.33 2.54 0.00	49.74 2.46 0.00	47.31 2.25 0.00	46.72 2.27 0.00	48.03 2.33 0.00	53.26 2.73 0.00	77.46 4.32 0.00	90.56 4.88 0.00	67.42 3.45 0.00	58.86 2.70 0.00	52.43 2.11 0.00	47.62 1.79 0.00	48.00 1.67 0.00	50.02 1.78 0.00	50.44 1.89 0.00	58.01 2.66 0.00	74.90 3.70 0.00	85.78 4.55 0.00	76.00 3.96 0.00	70.09 3.51 -0.28	63.64 3.36 -0.26	59.17 2.99 -1.83	51.92 2.66 0.00	49.73 2.37 -2.63
V_F_30_SYNC_DSASP 323786	51.30 0.51 0.00	47.85 0.57 0.00	45.59 0.54 0.00	45.07 0.62 0.00	46.25 0.55 0.00	51.24 0.71 0.00	74.24 1.10 0.00	86.88 1.20 0.00	64.93 0.96 0.00	56.84 0.67 0.00	50.92 0.60 0.00	46.38 0.55 0.00	46.89 0.56 0.00	48.91 0.68 0.00	49.23 0.68 0.00	56.23 0.89 0.00	72.41 1.21 0.00	82.62 1.38 0.00	73.26 1.22 0.00	67.63 1.06 -0.27	61.29 1.02 -0.25	57.05 0.92 -1.77	50.10 0.84 0.00	48.04 0.76 -2.55
V_XM_10_SYNC_DSASP 323789	51.85 1.07 0.00	47.99 0.71 0.00	45.77 0.72 0.00	45.12 0.67 0.00	46.52 0.82 0.00	50.08 -0.45 0.00	71.61 -1.54 0.00	84.40 -1.29 0.00	62.56 -1.41 0.00	55.77 -0.39 0.00	49.86 -0.45 0.00	45.10 -0.73 0.00	45.68 -0.65 0.00	47.56 -0.68 0.00	48.16 -0.39 0.00	54.79 -0.55 0.00	69.27 -1.92 0.00	78.63 -2.60 0.00	69.44 -2.59 0.00	64.44 -1.86 0.00	58.69 -1.32 0.00	54.57 0.22 0.00	48.47 -0.79 0.00	44.24 -0.49 0.00
W.BABYLN_69_KV_BK1 56697	55.62 4.82 -0.01	51.40 4.11 0.00	48.79 3.74 0.00	48.01 3.56 0.00	49.40 3.70 0.00	55.03 4.50 0.00	78.34 5.19 0.00	90.82 5.14 0.00	68.06 4.09 0.00	61.11 4.94 0.00	55.70 5.38 0.00	50.97 5.13 -0.01	51.43 5.10 0.00	53.74 5.50 -0.01	53.80 5.24 -0.01	60.94 5.59 0.00	78.96 7.76 0.00	90.01 8.77 0.00	80.47 8.43 -0.01	73.86 7.29 -0.27	66.52 6.30 -0.21	61.91 5.82 -1.73	54.79 5.52 -0.01	51.67 4.88 -2.06
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	52.97 2.18 0.00	49.22 1.94 0.00	46.85 1.80 0.00	46.18 1.73 0.00	47.48 1.78 0.00	52.96 2.43 0.00	77.09 3.95 0.00	89.88 4.20 0.00	67.55 3.58 0.00	59.31 3.15 0.00	53.49 3.17 0.00	48.76 2.93 0.00	49.30 2.97 0.00	51.27 3.04 0.00	51.56 3.01 0.00	58.84 3.49 0.00	75.54 4.34 0.00	86.27 5.04 0.00	76.50 4.47 0.00	70.69 4.18 -0.21	63.87 3.66 -0.20	59.05 3.32 -1.38	52.31 3.05 0.00	49.44 2.73 -1.98
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	53.12 2.34 0.00	49.27 1.99 0.00	46.90 1.85 0.00	46.18 1.73 0.00	47.53 1.83 0.00	53.06 2.53 0.00	77.09 3.95 0.00	90.05 4.37 0.00	67.80 3.84 0.00	59.68 3.48 -0.03	53.84 3.52 0.00	49.09 3.25 0.00	49.67 3.34 0.00	51.66 3.42 0.00	51.90 3.35 0.00	59.38 3.87 -0.16	75.97 4.77 0.00	86.60 5.36 0.00	76.79 4.75 0.00	70.89 4.38 -0.22	64.12 3.90 -0.20	59.36 3.59 -1.42	52.51 3.25 0.00	49.64 2.86 -2.04
W50THST__13_KV_LOAD 356117	53.33 2.54 0.00	49.46 2.18 0.00	47.12 2.07 0.00	46.41 1.96 0.00	47.71 2.01 0.00	53.31 2.78 0.00	77.46 4.32 0.00	90.48 4.80 0.00	68.19 4.22 0.00	60.07 3.88 -0.03	54.14 3.82 0.00	49.36 3.53 0.00	49.95 3.61 0.00	51.95 3.71 0.00	52.19 3.64 0.00	59.71 4.21 -0.16	76.39 5.20 0.00	87.08 5.85 0.00	77.15 5.11 0.00	71.29 4.77 -0.22	64.42 4.20 -0.20	59.64 3.86 -1.42	52.76 3.50 0.00	49.82 3.04 -2.04
WADING RIVER_IC_1 23522	55.67 4.88 -0.01	51.45 4.16 0.00	48.79 3.74 0.00	48.01 3.56 0.00	49.40 3.70 0.00	55.08 4.55 0.00	78.12 4.98 0.00	90.22 4.54 0.00	68.00 4.03 0.00	61.61 5.45 0.00	55.75 5.44 0.00	50.93 5.09 -0.01	51.48 5.14 0.00	53.83 5.59 -0.01	53.95 5.39 -0.02	61.53 6.14 -0.04	79.07 7.83 -0.04	89.76 8.53 0.00	80.32 8.28 -0.01	74.86 7.75 -0.81	66.86 6.60 -0.24	65.85 6.25 -5.24	54.89 5.61 -0.02	51.75 4.96 -2.06
WADING RIVER_IC_2 23547	55.67 4.88 -0.01	51.45 4.16 0.00	48.79 3.74 0.00	48.01 3.56 0.00	49.40 3.70 0.00	55.08 4.55 0.00	78.12 4.98 0.00	90.22 4.54 0.00	68.00 4.03 0.00	61.61 5.45 0.00	55.75 5.44 0.00	50.93 5.09 -0.01	51.48 5.14 0.00	53.83 5.59 -0.01	53.95 5.39 -0.02	61.53 6.14 -0.04	79.07 7.83 -0.04	89.76 8.53 0.00	80.32 8.28 -0.01	74.86 7.75 -0.81	66.86 6.60 -0.24	65.85 6.25 -5.24	54.89 5.61 -0.02	51.75 4.96 -2.06
WADING RIVER_IC_3 23601	55.67 4.88 -0.01	51.45 4.16 0.00	48.79 3.74 0.00	48.01 3.56 0.00	49.40 3.70 0.00	55.08 4.55 0.00	78.12 4.98 0.00	90.22 4.54 0.00	68.00 4.03 0.00	61.61 5.45 0.00	55.75 5.44 0.00	50.93 5.09 -0.01	51.48 5.14 0.00	53.83 5.59 -0.01	53.95 5.39 -0.02	61.53 6.14 -0.04	79.07 7.83 -0.04	89.76 8.53 0.00	80.32 8.28 -0.01	74.86 7.75 -0.81	66.86 6.60 -0.24	65.85 6.25 -5.24	54.89 5.61 -0.02	51.75 4.96 -2.06
WALDENNY_12_KV_BK2 80841	50.64 -0.15 0.00	47.47 0.19 0.00	45.01 -0.05 0.00	44.81 0.36 0.00	45.83 0.14 0.00	49.01 -1.52 0.00	68.68 -4.46 0.00	81.05 -4.63 0.00	59.87 -4.09 0.00	53.52 -2.64 0.00	48.30 -2.01 0.00	44.14 -1.70 0.00	44.48 -1.85 0.00	46.06 -2.17 0.00	46.02 -2.52 0.00	51.52 -3.82 0.01	66.28 -4.91 0.00	76.12 -5.12 0.00	67.71 -4.32 0.00	61.42 -4.91 -0.03	55.42 -4.62 -0.03	50.04 -4.51 -0.19	46.65 -2.61 0.00	42.37 -2.64 -0.28
WALDEN___HYDRO 24148	52.87 2.08 0.00	49.13 1.84 0.00	46.81 1.76 0.00	46.14 1.69 0.00	47.43 1.74 0.00	52.85 2.32 0.00	76.95 3.80 0.00	89.71 4.03 0.00	67.29 3.33 0.00	59.03 2.86 0.00	53.08 2.77 0.00	48.40 2.57 0.00	48.93 2.59 0.00	50.88 2.65 0.00	51.17 2.62 0.00	58.45 3.10 0.00	75.11 3.92 0.00	85.78 4.55 0.00	76.07 4.03 0.00	70.36 3.85 -0.21	63.57 3.36 -0.20	58.72 2.99 -1.38	52.07 2.81 0.00	49.17 2.46 -1.98
WARRENSBURG____ 23737	53.99 3.20 0.00	50.41 3.12 0.00	47.89 2.84 0.00	47.30 2.84 0.00	48.62 2.92 0.00	54.07 3.54 0.00	78.70 5.56 0.00	92.19 6.51 0.00	68.51 4.54 0.00	59.65 3.48 0.00	53.08 2.77 0.00	48.12 2.29 0.00	48.46 2.13 0.00	50.35 2.12 0.00	50.78 2.23 0.00	58.56 3.21 0.00	75.68 4.49 0.00	86.92 5.69 0.00	76.93 4.90 0.00	70.89 4.31 -0.28	64.54 4.26 -0.26	59.94 3.75 -1.83	52.61 3.35 0.00	50.27 2.91 -2.63
WATERSIDE____6 8 9 23538	53.44 2.64 -0.01	49.61 2.32 -0.01	47.22 2.16 -0.01	46.46 2.00 -0.01	47.81 2.10 -0.01	53.37 2.83 -0.01	77.09 3.95 0.00	89.96 4.28 0.00	67.80 3.84 0.00	60.09 3.31 -0.61	53.95 3.62 -0.02	49.19 3.35 -0.02	49.78 3.43 -0.02	51.77 3.52 -0.02	52.06 3.50 -0.02	62.35 3.76 -3.24	75.89 4.70 0.00	86.51 5.28 0.00	76.72 4.68 0.00	70.89 4.38 -0.22	64.30 4.08 -0.20	59.53 3.75 -1.42	52.75 3.50 0.00	49.91 3.13 -2.05
WATKINRD_115KV_LN8_ILLION 55919	52.57 1.78 0.00	48.99 1.70 0.00	46.63 1.58 0.00	46.01 1.56 0.00	47.30 1.60 0.00	52.30 1.77 0.00	75.78 2.63 0.00	88.85 3.17 0.00	66.20 2.24 0.00	58.13 1.97 0.00	52.03 1.71 0.00	47.39 1.56 0.00	47.86 1.53 0.00	49.82 1.59 0.00	50.15 1.60 0.00	57.29 1.94 0.00	73.62 2.42 0.00	83.92 2.68 0.00	74.27 2.23 0.00	68.29 1.99 0.00	61.87 1.86 0.00	56.04 1.69 0.00	50.79 1.53 0.00	46.16 1.43 0.00

WDELAWARE___HYD 323627	52.87 2.08 0.00	49.18 1.89 0.00	46.86 1.80 0.00	46.14 1.69 0.00	47.43 1.74 0.00	52.91 2.38 0.00	77.09 3.95 0.00	90.05 4.37 0.00	67.29 3.32 0.00	58.97 2.81 0.00	52.83 2.51 0.00	48.08 2.25 0.00	48.60 2.27 0.00	50.55 2.32 0.00	50.83 2.28 0.00	58.17 2.82 0.00	74.89 3.70 0.00	85.70 4.46 0.00	75.92 3.89 0.00	70.14 3.64 -0.20	63.38 3.18 -0.19	58.48 2.82 -1.30	51.97 2.71 0.00	48.97 2.37 -1.87
WEST BABYLON___IC 23714	55.62 4.82 -0.01	51.40 4.11 0.00	48.79 3.74 0.00	48.01 3.56 0.00	49.40 3.70 0.00	55.03 4.50 0.00	78.34 5.19 0.00	90.82 5.14 0.00	68.06 4.09 0.00	61.11 4.94 0.00	55.70 5.38 0.00	50.97 5.13 -0.01	51.43 5.10 0.00	53.74 5.50 -0.01	53.80 5.24 -0.01	60.94 5.59 0.00	78.96 7.76 0.00	90.01 8.77 0.00	80.47 8.43 -0.01	73.86 7.29 -0.27	66.52 6.30 -0.21	61.91 5.82 -1.73	54.79 5.52 -0.01	51.67 4.88 -2.06
WEST CANADA___HYD 24049	50.99 0.20 0.00	47.48 0.19 0.00	45.23 0.18 0.00	44.63 0.18 0.00	45.88 0.18 0.00	50.73 0.20 0.00	73.51 0.37 0.00	86.11 0.43 0.00	64.29 0.32 0.00	56.39 0.23 0.00	50.52 0.20 0.00	46.02 0.18 0.00	46.52 0.19 0.00	48.42 0.19 0.00	48.74 0.19 0.00	55.63 0.28 0.00	71.55 0.36 0.00	81.56 0.33 0.00	72.25 0.22 0.00	66.56 0.27 0.00	60.25 0.24 0.00	54.57 0.22 0.00	49.41 0.15 0.00	44.87 0.13 0.00
WESTERN_NY_WIND 24143	51.25 0.46 0.00	47.99 0.71 0.00	45.32 0.27 0.00	45.25 0.80 0.00	46.34 0.64 0.00	49.62 -0.91 0.00	69.92 -3.22 0.00	82.77 -2.91 0.00	61.09 -2.88 0.00	54.20 -1.97 0.00	48.65 -1.66 0.00	44.41 -1.42 0.00	44.71 -1.62 0.00	46.35 -1.88 0.00	46.41 -2.14 0.00	52.08 -3.27 0.01	67.35 -3.84 0.00	77.58 -3.66 0.00	69.01 -3.03 0.00	63.08 -3.25 -0.03	57.10 -2.94 -0.02	51.70 -2.83 -0.17	47.44 -1.82 0.00	43.36 -1.61 -0.24
WESTOVER___LESR 323668	51.55 0.76 0.00	48.04 0.76 0.00	45.77 0.72 0.00	45.21 0.76 0.00	46.43 0.73 0.00	51.24 0.71 0.00	74.02 0.88 0.00	86.79 1.11 0.00	64.61 0.64 0.00	56.56 0.39 0.00	50.72 0.40 0.00	46.24 0.41 0.00	46.70 0.37 0.00	48.52 0.29 0.00	48.79 0.24 0.00	54.91 -0.44 0.00	70.77 -0.43 0.00	80.91 -0.32 0.00	71.89 -0.14 0.00	65.91 -0.46 -0.07	59.84 -0.24 -0.07	54.41 -0.43 -0.48	49.26 0.00 0.00	45.25 -0.18 -0.70
WETHRSFD_WT_PWR 323626	50.54 -0.25 0.00	47.38 0.09 0.00	45.01 -0.05 0.00	44.67 0.22 0.00	45.70 0.00 0.00	49.17 -1.36 0.00	69.19 -3.95 0.00	81.40 -4.28 0.00	59.81 -4.16 0.00	53.36 -2.81 0.00	48.10 -2.21 0.00	43.95 -1.88 0.00	44.25 -2.08 0.00	45.82 -2.41 0.00	45.83 -2.72 0.00	51.57 -3.77 0.01	66.64 -4.56 0.00	76.20 -5.04 0.00	68.07 -3.96 0.00	61.95 -4.38 -0.03	55.19 -4.86 -0.03	50.13 -4.46 -0.23	46.60 -2.66 0.00	42.29 -2.77 -0.33
WHAVSTOR_138KV_BK127 55557	52.72 1.93 0.00	48.94 1.65 0.00	46.63 1.58 0.00	45.92 1.47 0.00	47.25 1.55 0.00	52.65 2.12 0.00	76.65 3.51 0.00	89.28 3.60 0.00	67.10 3.13 0.00	59.03 2.86 0.00	53.23 2.92 0.00	48.54 2.70 0.00	49.07 2.73 0.00	51.03 2.80 0.00	51.31 2.77 0.00	58.50 3.15 0.00	75.11 3.92 0.00	85.78 4.55 0.00	76.07 4.03 0.00	70.29 3.78 -0.21	63.51 3.30 -0.20	58.73 2.99 -1.38	52.02 2.76 0.00	49.18 2.46 -1.99
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	52.72 1.93 0.00	48.94 1.65 0.00	46.63 1.58 0.00	45.92 1.47 0.00	47.25 1.55 0.00	52.65 2.12 0.00	76.65 3.51 0.00	89.28 3.60 0.00	67.10 3.13 0.00	59.03 2.86 0.00	53.23 2.92 0.00	48.54 2.70 0.00	49.07 2.73 0.00	51.03 2.80 0.00	51.31 2.77 0.00	58.50 3.15 0.00	75.11 3.92 0.00	85.78 4.55 0.00	76.07 4.03 0.00	70.29 3.78 -0.21	63.51 3.30 -0.20	58.73 2.99 -1.38	52.02 2.76 0.00	49.18 2.46 -1.99
WHITEHAL_115KV_TB1 80871	54.85 4.06 0.00	51.30 4.02 0.00	48.61 3.56 0.00	48.10 3.64 0.00	49.45 3.75 0.00	55.03 4.50 0.00	80.38 7.24 0.00	94.16 8.48 0.00	69.66 5.69 0.00	60.49 4.32 0.00	53.79 3.47 0.00	48.63 2.80 0.00	48.88 2.55 0.00	50.79 2.56 0.00	51.26 2.72 0.00	59.28 3.93 0.00	76.89 5.70 0.00	88.55 7.31 0.00	78.37 6.34 0.00	72.15 5.57 -0.28	65.68 5.40 -0.26	60.97 4.78 -1.83	53.45 4.19 0.00	50.99 3.62 -2.63
WHITEPLN_13_KV_LOAD 356215	53.23 2.44 0.00	49.46 2.18 0.00	47.03 1.98 0.00	46.36 1.91 0.00	47.71 2.01 0.00	53.26 2.73 0.00	77.75 4.61 0.00	90.48 4.80 0.00	68.00 4.03 0.00	59.76 3.59 0.00	53.89 3.57 0.00	49.13 3.30 0.00	49.67 3.34 0.00	51.66 3.42 0.00	51.94 3.40 0.00	59.39 4.04 0.00	76.39 5.20 0.00	87.08 5.85 0.00	77.15 5.11 0.00	71.29 4.77 -0.22	64.42 4.20 -0.20	59.47 3.70 -1.42	52.61 3.35 0.00	49.72 2.95 -2.04
WM_FLOYD_69_KV_BK2 356380	55.52 4.72 -0.01	51.30 4.02 0.00	48.66 3.60 0.00	47.87 3.42 0.00	49.31 3.61 0.00	54.93 4.40 0.00	77.82 4.68 0.00	89.96 4.28 0.00	67.74 3.77 0.00	60.99 4.83 0.00	55.60 5.28 0.00	50.83 5.00 -0.01	51.34 5.00 0.00	53.69 5.45 -0.01	53.80 5.24 -0.02	61.31 5.92 -0.04	79.07 7.83 -0.04	89.44 8.20 0.00	79.97 7.92 -0.01	74.59 7.49 -0.80	66.68 6.42 -0.24	65.58 6.03 -5.19	54.74 5.47 -0.02	51.62 4.83 -2.06
WOODARD__115KV_TB2 355635	50.03 -0.76 0.00	46.58 -0.71 0.00	44.38 -0.68 0.00	43.78 -0.67 0.00	45.01 -0.69 0.00	49.72 -0.81 0.00	71.75 -1.39 0.00	84.40 -1.29 0.00	62.88 -1.09 0.00	55.27 -0.90 0.00	49.51 -0.81 0.00	45.10 -0.73 0.00	45.55 -0.79 0.00	47.41 -0.82 0.00	47.72 -0.83 0.00	54.24 -1.11 0.00	69.84 -1.35 0.00	79.77 -1.46 0.00	70.81 -1.22 0.00	65.13 -1.19 -0.02	58.89 -1.14 -0.02	53.40 -1.09 -0.13	48.32 -0.94 0.00	44.03 -0.89 -0.19
WOODMERE_69_KV_BK1 55827	54.81 4.01 -0.01	50.74 3.45 0.00	48.16 3.11 0.00	47.43 2.98 0.00	48.81 3.11 0.00	54.37 3.84 0.00	77.60 4.46 0.00	90.05 4.37 0.00	67.55 3.58 0.00	60.43 4.27 0.00	55.05 4.73 0.00	50.38 4.54 -0.01	50.87 4.54 0.00	53.01 4.77 -0.01	52.93 4.37 -0.01	60.61 5.26 0.00	78.24 7.05 0.00	88.79 7.55 0.00	79.25 7.20 -0.01	73.15 6.63 -0.23	65.98 5.76 -0.20	61.17 5.38 -1.43	53.90 4.63 -0.01	50.95 4.16 -2.06
YORK___WARBASSE 23770	53.79 3.00 -0.01	49.89 2.60 -0.01	47.49 2.43 -0.01	46.77 2.31 -0.01	48.13 2.42 -0.01	53.67 3.13 -0.01	77.24 4.10 0.00	90.05 4.37 0.00	67.87 3.90 0.00	59.86 3.09 -0.61	54.21 3.87 -0.02	49.38 3.53 -0.02	49.96 3.61 -0.02	52.01 3.76 -0.02	52.25 3.69 -0.02	62.06 3.49 -3.22	76.04 4.84 0.00	86.68 5.44 0.00	76.86 4.83 0.00	71.03 4.51 -0.22	64.42 4.20 -0.20	59.91 4.13 -1.42	53.16 3.89 -0.01	50.27 3.49 -2.05