

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										12/23/2025	
Generator Data		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		
Name	PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
59TH STREET_GT_1	24138	60.19	58.10	53.73	51.59	54.35	59.37	66.92	74.03	76.38	84.31	79.81	76.98	71.28	70.88	72.12	68.53	73.13	80.44	71.85	65.44	64.41	61.47	56.16	54.05		
		2.32	2.34	1.97	1.74	1.99	2.67	3.25	4.06	4.39	5.22	4.80	4.56	4.16	4.01	4.15	3.88	4.33	4.77	4.13	3.99	3.87	4.13	3.48	3.20		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_1	24260	60.42	58.32	53.88	51.74	54.50	59.54	67.11	74.17	76.59	84.47	79.96	77.13	71.48	71.08	72.25	68.66	73.33	80.67	72.06	65.62	64.65	61.64	56.31	54.20		
		2.55	2.56	2.12	1.89	2.15	2.84	3.44	4.20	4.61	5.38	4.95	4.71	4.36	4.21	4.28	4.01	4.54	4.99	4.33	4.18	4.12	4.30	3.63	3.36		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_2	24261	60.42	58.32	53.88	51.74	54.50	59.54	67.11	74.17	76.59	84.47	79.96	77.13	71.48	71.08	72.25	68.66	73.33	80.67	72.06	65.62	64.65	61.64	56.31	54.20		
		2.55	2.56	2.12	1.89	2.15	2.84	3.44	4.20	4.61	5.38	4.95	4.71	4.36	4.21	4.28	4.01	4.54	4.99	4.33	4.18	4.12	4.30	3.63	3.36		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK HUDSON___FALLS	24011	60.77	58.65	54.25	52.39	54.98	59.88	67.37	73.96	76.52	84.08	79.96	77.06	71.08	70.48	71.64	67.95	72.51	80.22	71.58	64.58	63.68	60.38	55.37	53.39		
		2.89	2.90	2.48	2.54	2.62	3.18	3.69	3.99	4.54	4.98	4.95	4.63	3.96	3.61	3.67	3.30	3.71	4.54	3.86	3.13	3.15	3.04	2.69	2.54		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK RESOURCE___RCVRY	23798	61.11	58.99	54.55	52.69	55.29	60.28	67.81	74.46	77.10	84.71	80.64	77.64	71.61	72.76	73.88	70.28	75.33	80.83	72.12	65.01	64.11	60.78	55.68	53.69		
		3.24	3.23	2.79	2.84	2.93	3.57	4.14	4.48	5.11	5.62	5.63	5.22	4.50	5.89	5.91	5.62	6.54	5.15	4.40	3.56	3.57	3.44	3.00	2.85		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK S GLENS___FALLS	24028	60.77	58.65	54.25	52.39	54.98	59.88	67.37	73.96	76.52	84.08	79.96	77.06	71.08	70.48	71.64	67.95	72.51	80.22	71.58	64.58	63.68	60.38	55.37	53.39		
		2.89	2.90	2.48	2.54	2.62	3.18	3.69	3.99	4.54	4.98	4.95	4.63	3.96	3.61	3.67	3.30	3.71	4.54	3.86	3.13	3.15	3.04	2.69	2.54		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK_NYS___DAM	23527	60.54	58.43	54.14	52.09	54.77	59.60	66.85	73.47	75.66	82.42	78.39	75.60	70.27	69.88	71.03	67.50	71.96	79.31	71.04	64.52	63.50	60.27	55.42	53.49		
		2.66	2.68	2.38	2.25	2.41	2.89	3.18	3.50	3.67	3.32	3.38	3.18	3.16	3.01	3.06	2.84	3.17	3.63	3.32	3.07	2.97	2.92	2.74	2.64		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AIR_PRODUCTS___DRP	24190	59.26	57.20	53.00	51.00	53.61	58.24	65.26	70.81	72.92	80.04	76.06	73.36	68.05	67.81	68.85	65.49	69.69	76.43	68.60	62.43	61.50	58.43	53.79	51.86		
		1.39	1.45	1.24	1.15	1.26	1.53	1.59	0.84	0.94	0.95	1.05	0.94	0.94	0.94	0.88	0.84	0.89	0.76	0.88	0.98	0.97	1.09	1.11	1.02		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AKWESSNE_115KV_BK	355683	58.86	56.76	52.74	50.80	53.40	57.67	64.88	70.53	72.64	79.57	75.53	72.93	68.19	67.94	68.99	65.56	69.00	75.75	68.47	62.12	61.20	57.86	53.31	51.41		
		0.98	1.00	0.98	0.95	1.05	0.96	1.21	0.56	0.65	0.47	0.53	0.51	1.07	1.07	1.02	0.91	0.21	0.08	0.74	0.68	0.67	0.52	0.63	0.56		
		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	0.00	0.00	0.00	0.00	0.00		
ALBANY_1_SOLAR	323833	60.07	57.99	53.73	51.74	54.35	59.03	66.09	72.07	74.29	81.55	77.41	74.59	69.06	68.74	69.87	66.46	70.79	78.10	69.89	63.54	62.59	59.40	54.63	52.78		
		2.20	2.23	1.97	1.89	1.99	2.33	2.42	2.10	2.30	2.45	2.40	2.17	1.95	1.87	1.90	1.81	2.00	2.42	2.17	2.09	2.06	2.06	1.95	1.93		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_2_SOLAR	323834	60.07	57.99	53.73	51.74	54.30	59.03	66.09	72.07	74.29	81.47	77.41	74.59	69.06	68.74	69.87	66.46	70.79	78.03	69.89	63.47	62.59	59.40	54.63	52.78		
		2.20	2.23	1.97	1.89	1.94	2.33	2.42	2.10	2.30	2.37	2.40	2.17	1.95	1.87	1.90	1.81	2.00	2.35	2.17	2.02	2.06	2.06	1.95	1.93		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY___1	23571	59.26	57.20	53.00	51.00	53.61	58.24	65.26	70.81	72.92	80.04	76.06	73.36	68.05	67.81	68.85	65.49	69.69	76.43	68.60	62.43	61.50	58.43	53.79	51.86		
		1.39	1.45	1.24	1.15	1.26	1.53	1.59	0.84	0.94	0.95	1.05	0.94	0.94	0.94	0.88	0.84	0.89	0.76	0.88	0.98	0.97	1.09	1.11	1.02		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

ALBANY___2 23572	59.26 1.39 0.00	57.20 1.45 0.00	53.00 1.24 0.00	51.00 1.15 0.00	53.61 1.26 0.00	58.24 1.53 0.00	65.26 1.59 0.00	70.81 0.84 0.00	72.92 0.94 0.00	80.04 0.95 0.00	76.06 1.05 0.00	73.36 0.94 0.00	68.05 0.94 0.00	67.81 0.94 0.00	68.85 0.88 0.00	65.49 0.84 0.00	69.69 0.89 0.00	76.43 0.76 0.00	68.60 0.88 0.00	62.43 0.98 0.00	61.50 0.97 0.00	58.43 1.09 0.00	53.79 1.11 0.00	51.86 1.02 0.00
ALBANY___3 23573	59.26 1.39 0.00	57.20 1.45 0.00	53.00 1.24 0.00	51.00 1.15 0.00	53.61 1.26 0.00	58.24 1.53 0.00	65.26 1.59 0.00	70.81 0.84 0.00	72.92 0.94 0.00	80.04 0.95 0.00	76.06 1.05 0.00	73.36 0.94 0.00	68.05 0.94 0.00	67.81 0.94 0.00	68.85 0.88 0.00	65.49 0.84 0.00	69.69 0.89 0.00	76.43 0.76 0.00	68.60 0.88 0.00	62.43 0.98 0.00	61.50 0.97 0.00	58.43 1.09 0.00	53.79 1.11 0.00	51.86 1.02 0.00
ALBANY___4 23574	59.26 1.39 0.00	57.20 1.45 0.00	53.00 1.24 0.00	51.00 1.15 0.00	53.61 1.26 0.00	58.24 1.53 0.00	65.26 1.59 0.00	70.81 0.84 0.00	72.92 0.94 0.00	80.04 0.95 0.00	76.06 1.05 0.00	73.36 0.94 0.00	68.05 0.94 0.00	67.81 0.94 0.00	68.85 0.88 0.00	65.49 0.84 0.00	69.69 0.89 0.00	76.43 0.76 0.00	68.60 0.88 0.00	62.43 0.98 0.00	61.50 0.97 0.00	58.43 1.09 0.00	53.79 1.11 0.00	51.86 1.02 0.00
ALBANY___LFGE 323615	59.78 1.91 0.00	57.65 1.90 0.00	53.42 1.66 0.00	51.44 1.59 0.00	54.03 1.68 0.00	58.81 2.10 0.00	65.84 2.17 0.00	71.51 1.54 0.00	73.71 1.72 0.00	80.83 1.74 0.00	76.96 1.95 0.00	74.23 1.81 0.00	68.86 1.74 0.00	68.47 1.60 0.00	69.53 1.56 0.00	66.14 1.49 0.00	70.38 1.58 0.00	77.42 1.74 0.00	69.28 1.56 0.00	62.98 1.54 0.00	62.11 1.57 0.00	58.95 1.60 0.00	54.26 1.58 0.00	52.37 1.52 0.00
ALCOA_PA_115KV_PL-6C 55860	59.38 1.50 0.00	57.20 1.45 0.00	53.21 1.45 0.00	51.30 1.45 0.00	53.88 1.52 0.00	58.18 1.47 0.00	65.45 1.78 0.00	71.51 1.54 0.00	73.71 1.72 0.00	80.76 1.66 0.00	76.59 1.58 0.00	74.01 1.59 0.00	68.86 1.74 0.00	68.54 1.67 0.00	69.81 1.84 0.00	66.20 1.55 0.00	70.24 1.45 0.00	76.81 1.14 0.00	69.08 1.35 0.00	62.61 1.16 0.00	61.68 1.15 0.00	58.26 0.91 0.00	53.73 1.05 0.00	51.81 0.96 0.00
ALCOA_RYNLDS___DRP 24188	59.38 1.50 0.00	57.20 1.45 0.00	53.21 1.45 0.00	51.29 1.45 0.00	53.88 1.52 0.00	58.18 1.47 0.00	65.46 1.78 0.00	71.51 1.54 0.00	73.72 1.73 0.00	80.68 1.58 0.00	76.58 1.58 0.00	74.01 1.59 0.00	68.86 1.75 0.00	68.54 1.67 0.00	69.60 1.63 0.00	66.14 1.49 0.00	69.82 1.03 0.00	76.74 1.06 0.00	68.94 1.22 0.00	62.61 1.17 0.00	61.69 1.15 0.00	58.26 0.92 0.00	53.73 1.05 0.00	51.81 0.97 0.00
ALCOA___DSASP 323711	59.38 1.50 0.00	57.20 1.45 0.00	53.21 1.45 0.00	51.29 1.45 0.00	53.88 1.52 0.00	58.18 1.47 0.00	65.46 1.78 0.00	71.51 1.54 0.00	73.72 1.73 0.00	80.68 1.58 0.00	76.58 1.58 0.00	74.01 1.59 0.00	68.86 1.75 0.00	68.54 1.67 0.00	69.60 1.63 0.00	66.14 1.49 0.00	69.82 1.03 0.00	76.74 1.06 0.00	68.94 1.22 0.00	62.61 1.17 0.00	61.69 1.15 0.00	58.26 0.92 0.00	53.73 1.05 0.00	51.81 0.97 0.00
ALLEGHENY___COGEN 23514	57.99 0.12 0.00	55.48 -0.28 0.00	51.71 -0.05 0.00	50.05 0.20 0.00	52.31 -0.05 0.00	55.23 -1.47 0.00	62.02 -1.66 0.00	66.48 -3.50 0.00	67.45 -4.53 0.00	73.80 -5.30 0.00	97.48 -5.55 -28.02	90.05 -4.85 -22.48	71.76 -4.70 -9.35	79.50 -4.48 -17.11	64.48 -4.15 -0.65	90.39 -3.75 -29.49	83.68 -3.44 -18.33	108.64 -3.18 -36.14	80.11 -3.05 -15.43	72.86 -3.32 -14.73	77.47 -3.21 -20.15	73.54 -1.55 -17.74	51.10 -1.58 0.00	49.37 -1.48 0.00
ALTAMONT_115KV_TB 2 55880	59.09 1.22 0.00	56.98 1.23 0.00	52.85 1.09 0.00	50.85 1.00 0.00	53.46 1.10 0.00	58.07 1.36 0.00	65.14 1.46 0.00	71.30 1.33 0.00	73.50 1.51 0.00	80.68 1.58 0.00	76.51 1.50 0.00	73.72 1.30 0.00	68.39 1.28 0.00	68.07 1.20 0.00	69.19 1.22 0.00	65.82 1.16 0.00	70.10 1.31 0.00	77.04 1.36 0.00	69.01 1.29 0.00	62.67 1.23 0.00	61.81 1.27 0.00	58.72 1.38 0.00	53.94 1.26 0.00	52.02 1.17 0.00
ALTONA_WT_PWR 323606	59.61 1.73 0.00	57.42 1.67 0.00	53.47 1.71 0.00	51.49 1.64 0.00	54.14 1.78 0.00	58.47 1.76 0.00	65.84 2.17 0.00	72.00 2.03 0.00	74.22 2.23 0.00	81.23 2.14 0.00	77.04 2.03 0.00	74.45 2.02 0.00	69.20 2.08 0.00	68.87 2.00 0.00	70.08 2.11 0.00	66.40 1.75 0.00	70.51 1.72 0.00	77.27 1.59 0.00	69.48 1.76 0.00	62.98 1.54 0.00	61.99 1.45 0.00	58.43 1.09 0.00	53.79 1.11 0.00	51.76 0.92 0.00
AMERICAN_REF_FUEL 24010	52.38 -5.50 0.00	49.95 -5.80 0.00	46.95 -4.81 0.00	45.71 -4.14 0.00	47.43 -4.92 0.00	48.26 -8.45 0.00	53.23 -10.44 0.00	59.20 -10.77 0.00	59.75 -12.24 0.00	65.49 -13.60 0.00	56.03 -12.68 6.30	55.56 -11.80 5.06	54.48 -10.54 2.10	52.99 -10.03 3.85	57.22 -10.60 0.15	48.74 -9.18 6.73	55.31 -9.36 4.12	57.56 -9.99 8.13	54.23 -10.02 3.47	49.24 -8.91 3.30	47.68 -8.29 4.57	45.64 -7.68 4.02	45.20 -7.48 0.00	44.34 -6.51 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	53.42 -4.46 0.00	50.74 -5.02 0.00	47.52 -4.24 0.00	46.21 -3.64 0.00	48.17 -4.19 0.00	50.24 -6.47 0.00	56.60 -7.07 0.00	62.77 -7.21 0.00	63.35 -8.64 0.00	68.65 -10.44 0.00	58.30 -10.80 5.91	57.54 -10.14 4.74	56.16 -8.99 1.97	53.57 -9.70 3.60	59.00 -8.83 0.14	48.88 -9.57 6.21	56.06 -8.87 3.86	58.82 -9.24 7.62	57.09 -7.38 3.25	50.55 -7.56 3.33	47.81 -8.17 4.56	45.25 -8.08 4.01	45.62 -7.06 0.00	44.44 -6.41 0.00
ARTHUR KILL_GT_1 23520	59.96 2.08 0.00	58.26 2.51 0.00	53.88 2.12 0.00	51.54 1.69 0.00	54.40 2.04 0.00	58.97 2.27 0.00	62.80 2.87 3.74	63.60 3.29 9.67	63.60 3.67 12.06	63.62 4.59 20.06	63.69 4.43 15.75	76.69 4.27 0.00	71.14 4.03 0.00	70.68 3.81 0.00	71.84 3.87 0.00	68.26 3.62 0.02	73.06 4.27 0.00	80.29 4.62 0.00	71.78 4.06 0.00	65.36 3.93 0.02	64.53 4.00 0.00	61.59 4.24 0.00	56.37 3.69 0.00	54.20 3.36 0.00
ARTHUR_KILL_2 23512	59.77 1.91 0.01	58.10 2.34 0.00	53.78 2.02 0.00	51.40 1.55 0.00	54.24 1.88 0.00	59.37 2.67 0.00	62.66 2.74 3.75	63.45 3.15 9.68	63.45 3.53 12.06	63.45 4.43 20.07	63.45 4.20 15.76	76.25 3.84 0.01	70.73 3.62 0.01	70.34 3.48 0.01	71.36 3.40 0.01	67.81 3.17 0.01	72.36 3.57 0.01	79.45 3.78 0.01	70.76 3.05 0.01	65.12 3.69 0.01	64.34 3.82 0.01	61.42 4.07 -0.01	56.22 3.53 -0.01	54.31 3.46 -0.01
ARTHUR_KILL_3 23513	59.78 1.91 0.00	57.70 1.95 0.00	53.42 1.66 0.00	51.24 1.39 0.00	53.98 1.62 0.00	59.14 2.44 0.00	62.67 2.74 3.74	63.73 3.43 9.67	63.74 3.81 12.06	63.46 4.43 20.06	63.23 3.97 15.75	76.11 3.69 0.00	70.47 3.35 0.00	70.08 3.21 0.00	71.03 3.06 0.00	67.57 2.91 0.00	71.96 3.17 0.00	79.23 3.56 0.00	70.84 3.12 0.00	64.82 3.38 0.00	64.11 3.57 0.00	61.24 3.90 0.00	55.95 3.27 0.00	54.05 3.21 0.00

ARTHUR_KILL_COGEN 323718	59.95 2.08 0.01	58.27 2.51 0.00	53.88 2.12 0.00	51.54 1.70 0.00	54.40 2.04 0.00	59.54 2.83 0.00	62.86 2.93 3.75	63.66 3.36 9.68	63.66 3.74 12.06	63.69 4.67 20.07	63.60 4.35 15.76	76.46 4.05 0.01	70.93 3.82 0.01	70.47 3.61 0.01	71.56 3.60 0.01	68.01 3.36 0.01	72.56 3.78 0.01	79.75 4.08 0.01	70.96 3.25 0.01	65.37 3.94 0.01	64.52 3.99 0.01	61.59 4.24 -0.01	56.37 3.69 -0.01	54.47 3.61 -0.01
ASHOKAN____ 23654	60.77 2.89 0.00	58.65 2.90 0.00	54.30 2.54 0.00	52.14 2.29 0.00	54.87 2.51 0.00	59.71 3.00 0.00	66.73 3.06 0.00	72.91 2.94 0.00	75.37 3.38 0.00	83.36 4.27 0.00	78.76 3.75 0.00	75.90 3.48 0.00	69.73 2.61 0.00	69.35 2.48 0.00	70.28 2.31 0.00	67.24 2.59 0.00	71.89 3.10 0.00	79.61 3.93 0.00	71.24 3.52 0.00	64.76 3.32 0.00	63.74 3.21 0.00	60.15 2.81 0.00	55.16 2.48 0.00	53.29 2.44 0.00
ASTORIA_EAST_ENERGY_CC1 323581	60.02 2.14 0.00	58.10 2.34 0.00	53.73 1.97 0.00	51.34 1.49 0.00	54.24 1.88 0.00	59.26 2.55 0.00	66.46 2.80 0.01	73.19 3.22 0.01	75.65 3.67 0.01	83.51 4.43 0.01	79.12 4.12 0.01	76.32 3.91 0.01	70.86 3.76 0.01	70.47 3.61 0.01	71.43 3.46 0.01	67.94 3.30 0.01	72.29 3.51 0.01	79.45 3.78 0.01	71.03 3.32 0.01	65.12 3.69 0.01	64.22 3.69 0.01	61.29 3.95 0.01	55.99 3.32 0.01	54.11 3.26 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	60.02 2.14 0.00	58.10 2.34 0.00	53.73 1.97 0.00	51.34 1.49 0.00	54.24 1.88 0.00	59.26 2.55 0.00	66.46 2.80 0.01	73.19 3.22 0.01	75.65 3.67 0.01	83.51 4.43 0.01	79.12 4.12 0.01	76.32 3.91 0.01	70.86 3.76 0.01	70.47 3.61 0.01	71.43 3.46 0.01	67.94 3.30 0.01	72.29 3.51 0.01	79.45 3.78 0.01	71.03 3.32 0.01	65.12 3.69 0.01	64.22 3.69 0.01	61.29 3.95 0.01	55.99 3.32 0.01	54.11 3.26 -0.01
ASTORIA_GT2_1 24094	60.07 2.20 0.00	58.15 2.40 0.00	53.73 1.97 0.00	51.39 1.55 0.00	54.24 1.88 0.00	58.92 2.21 0.00	66.41 2.74 0.00	73.19 3.22 0.00	75.66 3.67 0.00	83.52 4.43 0.00	79.21 4.20 0.00	76.48 4.06 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.26 3.62 0.02	72.85 4.06 0.00	80.07 4.39 0.00	71.51 3.79 0.00	65.24 3.81 0.02	64.29 3.75 0.00	61.34 4.01 0.02	55.98 3.32 0.02	53.85 3.00 0.00
ASTORIA_GT2_2 24095	60.07 2.20 0.00	58.15 2.40 0.00	53.73 1.97 0.00	51.39 1.55 0.00	54.24 1.88 0.00	58.92 2.21 0.00	66.41 2.74 0.00	73.19 3.22 0.00	75.66 3.67 0.00	83.52 4.43 0.00	79.21 4.20 0.00	76.48 4.06 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.26 3.62 0.02	72.85 4.06 0.00	80.07 4.39 0.00	71.51 3.79 0.00	65.24 3.81 0.02	64.29 3.75 0.00	61.34 4.01 0.02	55.98 3.32 0.02	53.85 3.00 0.00
ASTORIA_GT2_3 24096	60.07 2.20 0.00	58.15 2.40 0.00	53.73 1.97 0.00	51.39 1.55 0.00	54.24 1.88 0.00	58.92 2.21 0.00	66.41 2.74 0.00	73.19 3.22 0.00	75.66 3.67 0.00	83.52 4.43 0.00	79.21 4.20 0.00	76.48 4.06 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.26 3.62 0.02	72.85 4.06 0.00	80.07 4.39 0.00	71.51 3.79 0.00	65.24 3.81 0.02	64.29 3.75 0.00	61.34 4.01 0.02	55.98 3.32 0.02	53.85 3.00 0.00
ASTORIA_GT2_4 24097	60.07 2.20 0.00	58.15 2.40 0.00	53.73 1.97 0.00	51.39 1.55 0.00	54.24 1.88 0.00	58.92 2.21 0.00	66.41 2.74 0.00	73.19 3.22 0.00	75.66 3.67 0.00	83.52 4.43 0.00	79.21 4.20 0.00	76.48 4.06 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.26 3.62 0.02	72.85 4.06 0.00	80.07 4.39 0.00	71.51 3.79 0.00	65.24 3.81 0.02	64.29 3.75 0.00	61.34 4.01 0.02	55.98 3.32 0.02	53.85 3.00 0.00
ASTORIA_GT3_1 24098	60.07 2.20 0.00	58.15 2.40 0.00	53.73 1.97 0.00	51.39 1.55 0.00	54.24 1.88 0.00	58.92 2.21 0.00	66.41 2.74 0.00	73.19 3.22 0.00	75.66 3.67 0.00	83.52 4.43 0.00	79.21 4.20 0.00	76.48 4.06 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.26 3.62 0.02	72.85 4.06 0.00	80.07 4.39 0.00	71.51 3.79 0.00	65.24 3.81 0.02	64.29 3.75 0.00	61.34 4.01 0.02	55.98 3.32 0.02	53.85 3.00 0.00
ASTORIA_GT3_2 24099	60.07 2.20 0.00	58.15 2.40 0.00	53.73 1.97 0.00	51.39 1.55 0.00	54.24 1.88 0.00	58.92 2.21 0.00	66.41 2.74 0.00	73.19 3.22 0.00	75.66 3.67 0.00	83.52 4.43 0.00	79.21 4.20 0.00	76.48 4.06 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.26 3.62 0.02	72.85 4.06 0.00	80.07 4.39 0.00	71.51 3.79 0.00	65.24 3.81 0.02	64.29 3.75 0.00	61.34 4.01 0.02	55.98 3.32 0.02	53.85 3.00 0.00
ASTORIA_GT3_3 24100	60.07 2.20 0.00	58.15 2.40 0.00	53.73 1.97 0.00	51.39 1.55 0.00	54.24 1.88 0.00	58.92 2.21 0.00	66.41 2.74 0.00	73.19 3.22 0.00	75.66 3.67 0.00	83.52 4.43 0.00	79.21 4.20 0.00	76.48 4.06 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.26 3.62 0.02	72.85 4.06 0.00	80.07 4.39 0.00	71.51 3.79 0.00	65.24 3.81 0.02	64.29 3.75 0.00	61.34 4.01 0.02	55.98 3.32 0.02	53.85 3.00 0.00
ASTORIA_GT3_4 24101	60.07 2.20 0.00	58.15 2.40 0.00	53.73 1.97 0.00	51.39 1.55 0.00	54.24 1.88 0.00	58.92 2.21 0.00	66.41 2.74 0.00	73.19 3.22 0.00	75.66 3.67 0.00	83.52 4.43 0.00	79.21 4.20 0.00	76.48 4.06 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.26 3.62 0.02	72.85 4.06 0.00	80.07 4.39 0.00	71.51 3.79 0.00	65.24 3.81 0.02	64.29 3.75 0.00	61.34 4.01 0.02	55.98 3.32 0.02	53.85 3.00 0.00
ASTORIA_GT4_1 24102	60.07 2.20 0.00	58.15 2.40 0.00	53.73 1.97 0.00	51.39 1.55 0.00	54.24 1.88 0.00	58.92 2.21 0.00	66.41 2.74 0.00	73.19 3.22 0.00	75.66 3.67 0.00	83.52 4.43 0.00	79.21 4.20 0.00	76.48 4.06 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.26 3.62 0.02	72.85 4.06 0.00	80.07 4.39 0.00	71.51 3.79 0.00	65.24 3.81 0.02	64.29 3.75 0.00	61.34 4.01 0.02	55.98 3.32 0.02	53.85 3.00 0.00
ASTORIA_GT4_2 24103	60.07 2.20 0.00	58.15 2.40 0.00	53.73 1.97 0.00	51.39 1.55 0.00	54.24 1.88 0.00	58.92 2.21 0.00	66.41 2.74 0.00	73.19 3.22 0.00	75.66 3.67 0.00	83.52 4.43 0.00	79.21 4.20 0.00	76.48 4.06 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.26 3.62 0.02	72.85 4.06 0.00	80.07 4.39 0.00	71.51 3.79 0.00	65.24 3.81 0.02	64.29 3.75 0.00	61.34 4.01 0.02	55.98 3.32 0.02	53.85 3.00 0.00
ASTORIA_GT4_3 24104	60.07 2.20 0.00	58.15 2.40 0.00	53.73 1.97 0.00	51.39 1.55 0.00	54.24 1.88 0.00	58.92 2.21 0.00	66.41 2.74 0.00	73.19 3.22 0.00	75.66 3.67 0.00	83.52 4.43 0.00	79.21 4.20 0.00	76.48 4.06 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.26 3.62 0.02	72.85 4.06 0.00	80.07 4.39 0.00	71.51 3.79 0.00	65.24 3.81 0.02	64.29 3.75 0.00	61.34 4.01 0.02	55.98 3.32 0.02	53.85 3.00 0.00

ASTORIA_GT4_4 24105	60.07 2.20 0.00	58.15 2.40 0.00	53.73 1.97 0.00	51.39 1.55 0.00	54.24 1.88 0.00	58.92 2.21 0.00	66.41 2.74 0.00	73.19 3.22 0.00	75.66 3.67 0.00	83.52 4.43 0.00	79.21 4.20 0.00	76.48 4.06 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.26 3.62 0.02	72.85 4.06 0.00	80.07 4.39 0.00	71.51 3.79 0.00	65.24 3.81 0.02	64.29 3.75 0.00	61.34 4.01 0.02	55.98 3.32 0.02	53.85 3.00 0.00
ASTORIA_GT_1 23523	60.13 2.26 0.00	58.21 2.45 0.00	53.78 2.02 0.00	51.44 1.60 0.00	54.35 1.99 0.00	59.03 2.32 0.00	66.54 2.87 0.00	73.33 3.36 0.00	75.80 3.82 0.00	83.68 4.59 0.00	79.36 4.35 0.00	76.69 4.27 0.00	71.21 4.09 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.39 3.75 0.02	72.99 4.20 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.36 3.93 0.02	64.41 3.87 0.00	61.40 4.07 0.02	56.09 3.42 0.02	53.95 3.10 0.00
ASTORIA_GT_10 24110	60.36 2.49 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.64 1.79 0.00	54.50 2.15 0.00	59.32 2.61 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.00 4.90 0.00	79.66 4.65 0.00	76.98 4.56 0.00	71.41 4.30 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.66 4.01 0.00	73.26 4.47 0.00	80.44 4.77 0.00	71.99 4.27 0.00	65.62 4.18 0.00	64.65 4.12 0.00	61.70 4.36 0.00	56.37 3.69 0.00	54.25 3.41 0.00
ASTORIA_GT_11 24225	60.36 2.49 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.64 1.79 0.00	54.50 2.15 0.00	59.32 2.61 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.00 4.90 0.00	79.66 4.65 0.00	76.98 4.56 0.00	71.41 4.30 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.66 4.01 0.00	73.26 4.47 0.00	80.44 4.77 0.00	71.99 4.27 0.00	65.62 4.18 0.00	64.65 4.12 0.00	61.70 4.36 0.00	56.37 3.69 0.00	54.25 3.41 0.00
ASTORIA_GT_12 24226	60.36 2.49 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.64 1.79 0.00	54.50 2.15 0.00	59.32 2.61 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.00 4.90 0.00	79.66 4.65 0.00	76.98 4.56 0.00	71.41 4.30 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.66 4.01 0.00	73.26 4.47 0.00	80.44 4.77 0.00	71.99 4.27 0.00	65.62 4.18 0.00	64.65 4.12 0.00	61.70 4.36 0.00	56.37 3.69 0.00	54.25 3.41 0.00
ASTORIA_GT_13 24227	60.36 2.49 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.64 1.79 0.00	54.50 2.15 0.00	59.32 2.61 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.00 4.90 0.00	79.66 4.65 0.00	76.98 4.56 0.00	71.41 4.30 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.66 4.01 0.00	73.26 4.47 0.00	80.44 4.77 0.00	71.99 4.27 0.00	65.62 4.18 0.00	64.65 4.12 0.00	61.70 4.36 0.00	56.37 3.69 0.00	54.25 3.41 0.00
ASTORIA_GT_5 24106	60.13 2.26 0.00	58.21 2.45 0.00	53.78 2.02 0.00	51.44 1.60 0.00	54.35 1.99 0.00	59.03 2.32 0.00	66.54 2.87 0.00	73.33 3.36 0.00	75.80 3.82 0.00	83.68 4.59 0.00	79.36 4.35 0.00	76.69 4.27 0.00	71.21 4.09 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.39 3.75 0.02	72.99 4.20 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.36 3.93 0.02	64.41 3.87 0.00	61.40 4.07 0.02	56.09 3.42 0.02	53.95 3.10 0.00
ASTORIA_GT_7 24107	60.13 2.26 0.00	58.21 2.45 0.00	53.78 2.02 0.00	51.44 1.60 0.00	54.35 1.99 0.00	59.03 2.32 0.00	66.54 2.87 0.00	73.33 3.36 0.00	75.80 3.82 0.00	83.68 4.59 0.00	79.36 4.35 0.00	76.69 4.27 0.00	71.21 4.09 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.39 3.75 0.02	72.99 4.20 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.36 3.93 0.02	64.41 3.87 0.00	61.40 4.07 0.02	56.09 3.42 0.02	53.95 3.10 0.00
ASTORIA_GT_8 24108	60.13 2.26 0.00	58.21 2.45 0.00	53.78 2.02 0.00	51.44 1.60 0.00	54.35 1.99 0.00	59.03 2.32 0.00	66.54 2.87 0.00	73.33 3.36 0.00	75.80 3.82 0.00	83.68 4.59 0.00	79.36 4.35 0.00	76.69 4.27 0.00	71.21 4.09 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.39 3.75 0.02	72.99 4.20 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.36 3.93 0.02	64.41 3.87 0.00	61.40 4.07 0.02	56.09 3.42 0.02	53.95 3.10 0.00
ASTORIA___2 24149	60.07 2.20 0.00	58.15 2.40 0.00	53.73 1.97 0.00	51.40 1.55 0.00	54.24 1.88 0.00	59.26 2.55 0.00	66.46 2.80 0.01	73.25 3.29 0.01	75.65 3.67 0.01	83.59 4.51 0.01	79.20 4.20 0.01	76.32 3.91 0.01	70.86 3.76 0.01	70.47 3.61 0.01	71.43 3.46 0.01	68.01 3.36 0.01	72.36 3.57 0.01	79.45 3.78 0.01	71.10 3.38 0.01	65.19 3.75 0.01	64.28 3.75 0.01	61.35 4.01 0.01	56.05 3.37 0.01	54.16 3.30 -0.01
ASTORIA___3 23516	60.36 2.49 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.64 1.79 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.98 3.31 0.00	73.75 3.78 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.66 4.65 0.00	76.77 4.34 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.84 3.87 0.00	68.41 3.75 -0.01	72.78 3.99 0.00	79.99 4.31 0.00	71.58 3.86 0.00	65.57 4.12 -0.01	64.65 4.12 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
ASTORIA___4 23517	60.36 2.49 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.64 1.79 0.00	54.50 2.15 0.00	59.32 2.61 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.00 4.90 0.00	79.66 4.65 0.00	76.98 4.56 0.00	71.41 4.30 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.66 4.01 0.00	73.26 4.47 0.00	80.44 4.77 0.00	71.99 4.27 0.00	65.62 4.18 0.00	64.65 4.12 0.00	61.70 4.36 0.00	56.37 3.69 0.00	54.25 3.41 0.00
ASTORIA___5 23518	60.36 2.49 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.64 1.79 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.98 3.31 0.00	73.75 3.78 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.66 4.65 0.00	76.77 4.34 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.84 3.87 0.00	68.41 3.75 -0.01	72.78 3.99 0.00	79.99 4.31 0.00	71.58 3.86 0.00	65.57 4.12 -0.01	64.65 4.12 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
AST_ENERGY_2_CC3 323677	58.96 2.02 0.94	57.87 2.12 0.00	53.52 1.76 0.00	51.34 1.49 0.00	54.08 1.73 0.00	58.96 2.55 0.30	60.11 2.99 6.56	60.11 3.64 13.50	60.11 4.03 15.91	60.94 4.75 22.90	71.62 4.27 7.66	69.71 3.98 6.69	64.56 3.55 6.11	64.17 3.41 6.11	65.13 3.33 6.17	61.64 3.17 6.18	66.06 3.44 6.17	73.39 3.86 6.15	65.02 3.38 6.09	58.96 3.56 6.05	58.96 3.57 5.15	60.84 3.84 0.35	55.95 3.27 0.00	54.05 3.21 0.00
AST_ENERGY_2_CC4 323678	58.96 2.02 0.94	57.87 2.12 0.00	53.52 1.76 0.00	51.34 1.49 0.00	54.08 1.73 0.00	58.96 2.55 0.30	60.11 2.99 6.56	60.11 3.64 13.50	60.11 4.03 15.91	60.94 4.75 22.90	71.62 4.27 7.66	69.71 3.98 6.69	64.56 3.55 6.11	64.17 3.41 6.11	65.13 3.33 6.17	61.64 3.17 6.18	66.06 3.44 6.17	73.39 3.86 6.15	65.02 3.38 6.09	58.96 3.56 6.05	58.96 3.57 5.15	60.84 3.84 0.35	55.95 3.27 0.00	54.05 3.21 0.00

ATHENS_STG_1 23668	59.26 1.39 0.00	57.20 1.45 0.00	53.00 1.24 0.00	50.94 1.10 0.00	53.56 1.21 0.00	58.35 1.65 0.00	65.52 1.85 0.00	72.07 2.10 0.00	74.29 2.30 0.00	81.70 2.61 0.00	77.41 2.40 0.00	74.52 2.10 0.00	68.93 1.81 0.00	68.61 1.74 0.00	69.67 1.70 0.00	66.27 1.62 0.00	70.58 1.79 0.00	77.72 2.04 0.00	69.55 1.83 0.00	63.29 1.84 0.00	62.35 1.81 0.00	59.29 1.95 0.00	54.36 1.69 0.00	52.52 1.68 0.00
ATHENS_STG_2 23670	59.26 1.39 0.00	57.20 1.45 0.00	53.00 1.24 0.00	50.94 1.10 0.00	53.56 1.21 0.00	58.35 1.65 0.00	65.52 1.85 0.00	72.07 2.10 0.00	74.29 2.30 0.00	81.70 2.61 0.00	77.41 2.40 0.00	74.52 2.10 0.00	68.93 1.81 0.00	68.61 1.74 0.00	69.67 1.70 0.00	66.27 1.62 0.00	70.58 1.79 0.00	77.72 2.04 0.00	69.55 1.83 0.00	63.29 1.84 0.00	62.35 1.81 0.00	59.29 1.95 0.00	54.36 1.69 0.00	52.52 1.68 0.00
ATHENS_STG_3 23677	59.26 1.39 0.00	57.20 1.45 0.00	53.00 1.24 0.00	50.94 1.10 0.00	53.56 1.21 0.00	58.35 1.65 0.00	65.52 1.85 0.00	72.07 2.10 0.00	74.29 2.30 0.00	81.70 2.61 0.00	77.41 2.40 0.00	74.52 2.10 0.00	68.93 1.81 0.00	68.61 1.74 0.00	69.67 1.70 0.00	66.27 1.62 0.00	70.58 1.79 0.00	77.72 2.04 0.00	69.55 1.83 0.00	63.29 1.84 0.00	62.35 1.81 0.00	59.29 1.95 0.00	54.36 1.69 0.00	52.52 1.68 0.00
AUBURN____LFGE 323710	57.12 -0.75 0.00	54.86 -0.89 0.00	51.09 -0.67 0.00	49.25 -0.60 0.00	51.62 -0.73 0.00	55.74 -0.96 0.00	62.59 -1.08 0.00	68.99 -0.98 0.00	70.91 -1.08 0.00	78.07 -1.03 0.00	74.18 -0.83 0.00	71.70 -0.72 0.00	66.24 -0.87 0.00	66.13 -0.74 0.00	67.15 -0.82 0.00	63.88 -0.78 0.00	68.17 -0.62 0.00	75.15 -0.53 0.00	67.04 -0.68 0.00	60.65 -0.80 0.00	59.69 -0.85 0.00	56.37 -0.97 0.00	51.84 -0.84 0.00	50.19 -0.66 0.00
BABYLON_RES_REC 323704	61.76 3.88 -0.01	59.38 3.62 0.00	54.61 2.84 0.00	52.34 2.49 0.00	55.29 2.93 0.00	61.02 4.31 -0.01	68.65 4.97 -0.01	75.93 5.94 -0.01	78.19 6.19 -0.01	86.30 7.20 -0.01	96.81 6.07 -15.73	96.72 5.65 -18.65	94.51 5.17 -22.23	95.07 5.02 -23.19	94.94 5.10 -21.87	94.22 4.85 -24.72	107.00 5.23 -32.98	99.12 5.91 -17.53	92.09 5.29 -19.08	92.02 5.16 -25.41	88.95 5.14 -23.27	67.90 5.22 -5.34	57.59 4.90 -0.01	55.59 4.73 -0.01
BALL_HILL_WT_PWR 323825	53.94 -3.94 0.00	51.35 -4.41 0.00	48.14 -3.62 0.00	46.76 -3.09 0.00	48.69 -3.67 0.00	50.75 -5.95 0.00	56.67 -7.00 0.00	62.84 -7.14 0.00	63.35 -8.64 0.00	69.13 -9.97 0.00	57.31 -10.27 7.43	56.90 -9.56 5.96	56.25 -8.39 2.47	53.45 -8.89 4.53	59.64 -8.16 0.17	48.25 -8.60 7.80	55.61 -8.33 4.85	57.47 -8.63 9.58	56.66 -6.97 4.09	49.77 -7.19 4.48	46.78 -7.63 6.12	44.84 -7.11 5.39	46.46 -6.22 0.00	45.25 -5.59 0.00
BARON_WINDS____WT_PWR 323822	55.62 -2.26 0.00	53.19 -2.56 0.00	49.64 -2.12 0.00	48.06 -1.79 0.00	50.11 -2.25 0.00	52.91 -3.80 0.00	59.15 -4.52 0.00	65.15 -4.83 0.00	66.23 -5.76 0.00	72.69 -6.40 0.00	21.99 -6.45 46.57	29.04 -6.01 37.37	46.09 -5.50 15.53	32.68 -5.75 28.43	61.51 -5.37 1.09	10.10 -5.56 48.99	32.70 -5.64 30.46	9.71 -5.90 60.06	37.06 -5.01 25.65	32.21 -4.79 24.45	21.91 -5.21 33.42	23.15 -4.76 29.44	48.52 -4.16 0.00	47.19 -3.66 0.00
BARRETT_IC_1 23704	61.24 3.36 -0.01	58.93 3.18 0.00	54.25 2.48 0.00	52.04 2.19 0.00	54.92 2.56 0.00	60.46 3.74 -0.01	67.95 4.27 -0.01	75.09 5.11 -0.01	77.40 5.40 -0.01	85.11 6.01 -0.01	95.69 4.95 -15.73	95.64 4.57 -18.65	93.51 4.16 -22.23	94.07 4.01 -23.19	93.78 3.94 -21.87	93.12 3.75 -24.72	105.83 4.06 -32.98	97.83 4.62 -17.53	90.94 4.13 -19.08	90.98 4.12 -25.41	87.93 4.12 -23.27	66.93 4.24 -5.34	56.90 4.22 -0.01	54.97 4.12 -0.01
BARRETT_IC_10 23701	61.24 3.36 -0.01	58.93 3.18 0.00	54.25 2.48 0.00	52.04 2.19 0.00	54.92 2.56 0.00	60.46 3.74 -0.01	67.95 4.27 -0.01	75.09 5.11 -0.01	77.40 5.40 -0.01	85.11 6.01 -0.01	95.69 4.95 -15.73	95.64 4.57 -18.65	93.51 4.16 -22.23	94.07 4.01 -23.19	93.78 3.94 -21.87	93.12 3.75 -24.72	105.83 4.06 -32.98	97.83 4.62 -17.53	90.94 4.13 -19.08	90.98 4.12 -25.41	87.93 4.12 -23.27	66.93 4.24 -5.34	56.90 4.22 -0.01	54.97 4.12 -0.01
BARRETT_IC_11 23702	61.24 3.36 -0.01	58.93 3.18 0.00	54.25 2.48 0.00	52.04 2.19 0.00	54.92 2.56 0.00	60.46 3.74 -0.01	67.95 4.27 -0.01	75.09 5.11 -0.01	77.40 5.40 -0.01	85.11 6.01 -0.01	95.69 4.95 -15.73	95.64 4.57 -18.65	93.51 4.16 -22.23	94.07 4.01 -23.19	93.78 3.94 -21.87	93.12 3.75 -24.72	105.83 4.06 -32.98	97.83 4.62 -17.53	90.94 4.13 -19.08	90.98 4.12 -25.41	87.93 4.12 -23.27	66.93 4.24 -5.34	56.90 4.22 -0.01	54.97 4.12 -0.01
BARRETT_IC_12 23703	61.24 3.36 -0.01	58.93 3.18 0.00	54.25 2.48 0.00	52.04 2.19 0.00	54.92 2.56 0.00	60.46 3.74 -0.01	67.95 4.27 -0.01	75.09 5.11 -0.01	77.40 5.40 -0.01	85.11 6.01 -0.01	95.69 4.95 -15.73	95.64 4.57 -18.65	93.51 4.16 -22.23	94.07 4.01 -23.19	93.78 3.94 -21.87	93.12 3.75 -24.72	105.83 4.06 -32.98	97.83 4.62 -17.53	90.94 4.13 -19.08	90.98 4.12 -25.41	87.93 4.12 -23.27	66.93 4.24 -5.34	56.90 4.22 -0.01	54.97 4.12 -0.01
BARRETT_IC_2 23705	61.24 3.36 -0.01	58.93 3.18 0.00	54.25 2.48 0.00	52.04 2.19 0.00	54.92 2.56 0.00	60.46 3.74 -0.01	67.95 4.27 -0.01	75.09 5.11 -0.01	77.40 5.40 -0.01	85.11 6.01 -0.01	95.69 4.95 -15.73	95.64 4.57 -18.65	93.51 4.16 -22.23	94.07 4.01 -23.19	93.78 3.94 -21.87	93.12 3.75 -24.72	105.83 4.06 -32.98	97.83 4.62 -17.53	90.94 4.13 -19.08	90.98 4.12 -25.41	87.93 4.12 -23.27	66.93 4.24 -5.34	56.90 4.22 -0.01	54.97 4.12 -0.01
BARRETT_IC_3 23706	61.24 3.36 -0.01	58.93 3.18 0.00	54.25 2.48 0.00	52.04 2.19 0.00	54.92 2.56 0.00	60.46 3.74 -0.01	67.95 4.27 -0.01	75.09 5.11 -0.01	77.40 5.40 -0.01	85.11 6.01 -0.01	95.69 4.95 -15.73	95.64 4.57 -18.65	93.51 4.16 -22.23	94.07 4.01 -23.19	93.78 3.94 -21.87	93.12 3.75 -24.72	105.83 4.06 -32.98	97.83 4.62 -17.53	90.94 4.13 -19.08	90.98 4.12 -25.41	87.93 4.12 -23.27	66.93 4.24 -5.34	56.90 4.22 -0.01	54.97 4.12 -0.01
BARRETT_IC_4 23707	61.24 3.36 -0.01	58.93 3.18 0.00	54.25 2.48 0.00	52.04 2.19 0.00	54.92 2.56 0.00	60.46 3.74 -0.01	67.95 4.27 -0.01	75.09 5.11 -0.01	77.40 5.40 -0.01	85.11 6.01 -0.01	95.69 4.95 -15.73	95.64 4.57 -18.65	93.51 4.16 -22.23	94.07 4.01 -23.19	93.78 3.94 -21.87	93.12 3.75 -24.72	105.83 4.06 -32.98	97.83 4.62 -17.53	90.94 4.13 -19.08	90.98 4.12 -25.41	87.93 4.12 -23.27	66.93 4.24 -5.34	56.90 4.22 -0.01	54.97 4.12 -0.01
BARRETT_IC_5 23708	61.24 3.36 -0.01	58.93 3.18 0.00	54.25 2.48 0.00	52.04 2.19 0.00	54.92 2.56 0.00	60.46 3.74 -0.01	67.95 4.27 -0.01	75.09 5.11 -0.01	77.40 5.40 -0.01	85.11 6.01 -0.01	95.69 4.95 -15.73	95.64 4.57 -18.65	93.51 4.16 -22.23	94.07 4.01 -23.19	93.78 3.94 -21.87	93.12 3.75 -24.72	105.83 4.06 -32.98	97.83 4.62 -17.53	90.94 4.13 -19.08	90.98 4.12 -25.41	87.93 4.12 -23.27	66.93 4.24 -5.34	56.90 4.22 -0.01	54.97 4.12 -0.01

BARRETT_IC_6 23709	61.24 3.36 -0.01	58.93 3.18 0.00	54.25 2.48 0.00	52.04 2.19 0.00	54.92 2.56 0.00	60.46 3.74 -0.01	67.95 4.27 -0.01	75.09 5.11 -0.01	77.40 5.40 -0.01	85.11 6.01 -0.01	95.69 4.95 -15.73	95.64 4.57 -18.65	93.51 4.16 -22.23	94.07 4.01 -23.19	93.78 3.94 -21.87	93.12 3.75 -24.72	105.83 4.06 -32.98	97.83 4.62 -17.53	90.94 4.13 -19.08	90.98 4.12 -25.41	87.93 4.12 -23.27	66.93 4.24 -5.34	56.90 4.22 -0.01	54.97 4.12 -0.01
BARRETT_IC_7 23710	61.23 3.36 0.00	58.93 3.18 0.00	54.09 2.33 0.00	52.04 2.19 0.00	54.92 2.57 0.00	60.28 3.57 0.00	67.94 4.27 0.00	75.01 5.04 0.00	77.31 5.33 0.00	85.03 5.93 0.00	95.62 4.88 -15.73	95.71 4.63 -18.65	93.57 4.23 -22.23	94.13 4.08 -23.19	94.05 4.21 -21.87	93.31 3.94 -24.72	106.18 4.40 -32.98	98.13 4.92 -17.53	91.14 4.33 -19.08	90.97 4.12 -25.41	87.92 4.12 -23.27	66.98 4.30 -5.34	56.84 4.16 0.00	54.71 3.86 0.00
BARRETT_IC_8 23711	61.24 3.36 -0.01	58.93 3.18 0.00	54.25 2.48 0.00	52.04 2.19 0.00	54.92 2.56 0.00	60.46 3.74 -0.01	67.95 4.27 -0.01	75.09 5.11 -0.01	77.40 5.40 -0.01	85.11 6.01 -0.01	95.69 4.95 -15.73	95.64 4.57 -18.65	93.51 4.16 -22.23	94.07 4.01 -23.19	93.78 3.94 -21.87	93.12 3.75 -24.72	105.83 4.06 -32.98	97.83 4.62 -17.53	90.94 4.13 -19.08	90.98 4.12 -25.41	87.93 4.12 -23.27	66.93 4.24 -5.34	56.90 4.22 -0.01	54.97 4.12 -0.01
BARRETT_IC_9 23700	61.24 3.36 -0.01	58.93 3.18 0.00	54.25 2.48 0.00	52.04 2.19 0.00	54.92 2.56 0.00	60.46 3.74 -0.01	67.95 4.27 -0.01	75.09 5.11 -0.01	77.40 5.40 -0.01	85.11 6.01 -0.01	95.69 4.95 -15.73	95.64 4.57 -18.65	93.51 4.16 -22.23	94.07 4.01 -23.19	93.78 3.94 -21.87	93.12 3.75 -24.72	105.83 4.06 -32.98	97.83 4.62 -17.53	90.94 4.13 -19.08	90.98 4.12 -25.41	87.93 4.12 -23.27	66.93 4.24 -5.34	56.90 4.22 -0.01	54.97 4.12 -0.01
BARRETT___1 23545	61.24 3.36 -0.01	58.93 3.18 0.00	54.25 2.48 0.00	52.04 2.19 0.00	54.92 2.56 0.00	60.46 3.74 -0.01	67.95 4.27 -0.01	75.09 5.11 -0.01	77.40 5.40 -0.01	85.11 6.01 -0.01	95.69 4.95 -15.73	95.64 4.57 -18.65	93.51 4.16 -22.23	94.07 4.01 -23.19	93.78 3.94 -21.87	93.12 3.75 -24.72	105.83 4.06 -32.98	97.83 4.62 -17.53	90.94 4.13 -19.08	90.98 4.12 -25.41	87.93 4.12 -23.27	66.93 4.24 -5.34	56.90 4.22 -0.01	54.97 4.12 -0.01
BARRETT___2 23546	61.24 3.36 -0.01	58.93 3.18 0.00	54.25 2.48 0.00	52.04 2.19 0.00	54.92 2.56 0.00	60.46 3.74 -0.01	67.95 4.27 -0.01	75.09 5.11 -0.01	77.40 5.40 -0.01	85.11 6.01 -0.01	95.69 4.95 -15.73	95.64 4.57 -18.65	93.51 4.16 -22.23	94.07 4.01 -23.19	93.78 3.94 -21.87	93.12 3.75 -24.72	105.83 4.06 -32.98	97.83 4.62 -17.53	90.94 4.13 -19.08	90.98 4.12 -25.41	87.93 4.12 -23.27	66.93 4.24 -5.34	56.90 4.22 -0.01	54.97 4.12 -0.01
BATAVIA___115KV_TB1 55881	54.52 -3.36 0.00	52.07 -3.68 0.00	48.86 -2.90 0.00	47.36 -2.49 0.00	49.32 -3.04 0.00	51.60 -5.10 0.00	56.86 -6.81 0.00	63.12 -6.86 0.00	64.00 -7.99 0.00	70.08 -9.02 0.00	62.15 -8.33 4.53	61.18 -7.60 3.64	58.69 -6.91 1.51	57.55 -6.55 2.77	61.07 -6.80 0.11	53.89 -5.95 4.82	60.19 -5.64 2.97	63.93 -5.90 5.85	59.60 -5.62 2.50	53.67 -5.41 2.37	52.06 -5.21 3.27	49.48 -4.99 2.88	47.78 -4.90 0.00	47.44 -3.41 0.00
BAYONEEC___CTG1 323682	60.07 2.20 0.00	57.99 2.23 0.00	53.62 1.86 0.00	51.44 1.59 0.00	54.19 1.83 0.00	59.37 2.67 0.00	66.79 3.12 0.00	73.75 3.78 0.00	76.16 4.17 0.00	83.92 4.83 0.00	79.36 4.35 0.00	76.47 4.05 0.00	70.80 3.69 0.00	70.41 3.54 0.00	71.37 3.40 0.00	67.88 3.23 0.00	72.30 3.51 0.00	79.61 3.93 0.00	71.24 3.52 0.00	65.07 3.62 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.10 3.42 0.00	54.20 3.36 0.00
BAYONEEC___CTG10 323750	60.07 2.20 0.00	57.99 2.23 0.00	53.62 1.86 0.00	51.44 1.59 0.00	54.19 1.83 0.00	59.37 2.67 0.00	66.79 3.12 0.00	73.75 3.78 0.00	76.16 4.17 0.00	83.92 4.83 0.00	79.36 4.35 0.00	76.47 4.05 0.00	70.80 3.69 0.00	70.41 3.54 0.00	71.37 3.40 0.00	67.88 3.23 0.00	72.30 3.51 0.00	79.61 3.93 0.00	71.24 3.52 0.00	65.07 3.62 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.10 3.42 0.00	54.20 3.36 0.00
BAYONEEC___CTG2 323683	60.07 2.20 0.00	57.99 2.23 0.00	53.62 1.86 0.00	51.44 1.59 0.00	54.19 1.83 0.00	59.37 2.67 0.00	66.79 3.12 0.00	73.75 3.78 0.00	76.16 4.17 0.00	83.92 4.83 0.00	79.36 4.35 0.00	76.47 4.05 0.00	70.80 3.69 0.00	70.41 3.54 0.00	71.37 3.40 0.00	67.88 3.23 0.00	72.30 3.51 0.00	79.61 3.93 0.00	71.24 3.52 0.00	65.07 3.62 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.10 3.42 0.00	54.20 3.36 0.00
BAYONEEC___CTG3 323684	60.07 2.20 0.00	57.99 2.23 0.00	53.62 1.86 0.00	51.44 1.59 0.00	54.19 1.83 0.00	59.37 2.67 0.00	66.79 3.12 0.00	73.75 3.78 0.00	76.16 4.17 0.00	83.92 4.83 0.00	79.36 4.35 0.00	76.47 4.05 0.00	70.80 3.69 0.00	70.41 3.54 0.00	71.37 3.40 0.00	67.88 3.23 0.00	72.30 3.51 0.00	79.61 3.93 0.00	71.24 3.52 0.00	65.07 3.62 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.10 3.42 0.00	54.20 3.36 0.00
BAYONEEC___CTG4 323685	60.07 2.20 0.00	57.99 2.23 0.00	53.62 1.86 0.00	51.44 1.59 0.00	54.19 1.83 0.00	59.37 2.67 0.00	66.79 3.12 0.00	73.75 3.78 0.00	76.16 4.17 0.00	83.92 4.83 0.00	79.36 4.35 0.00	76.47 4.05 0.00	70.80 3.69 0.00	70.41 3.54 0.00	71.37 3.40 0.00	67.88 3.23 0.00	72.30 3.51 0.00	79.61 3.93 0.00	71.24 3.52 0.00	65.07 3.62 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.10 3.42 0.00	54.20 3.36 0.00
BAYONEEC___CTG5 323686	60.07 2.20 0.00	57.99 2.23 0.00	53.62 1.86 0.00	51.44 1.59 0.00	54.19 1.83 0.00	59.37 2.67 0.00	66.79 3.12 0.00	73.75 3.78 0.00	76.16 4.17 0.00	83.92 4.83 0.00	79.36 4.35 0.00	76.47 4.05 0.00	70.80 3.69 0.00	70.41 3.54 0.00	71.37 3.40 0.00	67.88 3.23 0.00	72.30 3.51 0.00	79.61 3.93 0.00	71.24 3.52 0.00	65.07 3.62 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.10 3.42 0.00	54.20 3.36 0.00
BAYONEEC___CTG6 323687	60.07 2.20 0.00	57.99 2.23 0.00	53.62 1.86 0.00	51.44 1.59 0.00	54.19 1.83 0.00	59.37 2.67 0.00	66.79 3.12 0.00	73.75 3.78 0.00	76.16 4.17 0.00	83.92 4.83 0.00	79.36 4.35 0.00	76.47 4.05 0.00	70.80 3.69 0.00	70.41 3.54 0.00	71.37 3.40 0.00	67.88 3.23 0.00	72.30 3.51 0.00	79.61 3.93 0.00	71.24 3.52 0.00	65.07 3.62 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.10 3.42 0.00	54.20 3.36 0.00
BAYONEEC___CTG7 323688	60.07 2.20 0.00	57.99 2.23 0.00	53.62 1.86 0.00	51.44 1.59 0.00	54.19 1.83 0.00	59.37 2.67 0.00	66.79 3.12 0.00	73.75 3.78 0.00	76.16 4.17 0.00	83.92 4.83 0.00	79.36 4.35 0.00	76.47 4.05 0.00	70.80 3.69 0.00	70.41 3.54 0.00	71.37 3.40 0.00	67.88 3.23 0.00	72.30 3.51 0.00	79.61 3.93 0.00	71.24 3.52 0.00	65.07 3.62 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.10 3.42 0.00	54.20 3.36 0.00

BAYONEEC___CTG8 323689	60.07 2.20 0.00	57.99 2.23 0.00	53.62 1.86 0.00	51.44 1.59 0.00	54.19 1.83 0.00	59.37 2.67 0.00	66.79 3.12 0.00	73.75 3.78 0.00	76.16 4.17 0.00	83.92 4.83 0.00	79.36 4.35 0.00	76.47 4.05 0.00	70.80 3.69 0.00	70.41 3.54 0.00	71.37 3.40 0.00	67.88 3.23 0.00	72.30 3.51 0.00	79.61 3.93 0.00	71.24 3.52 0.00	65.07 3.62 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.10 3.42 0.00	54.20 3.36 0.00
BAYONEEC___CTG9 323749	60.07 2.20 0.00	57.99 2.23 0.00	53.62 1.86 0.00	51.44 1.59 0.00	54.19 1.83 0.00	59.37 2.67 0.00	66.79 3.12 0.00	73.75 3.78 0.00	76.16 4.17 0.00	83.92 4.83 0.00	79.36 4.35 0.00	76.47 4.05 0.00	70.80 3.69 0.00	70.41 3.54 0.00	71.37 3.40 0.00	67.88 3.23 0.00	72.30 3.51 0.00	79.61 3.93 0.00	71.24 3.52 0.00	65.07 3.62 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.10 3.42 0.00	54.20 3.36 0.00
BEACON___LESR 323632	60.02 2.14 0.00	57.93 2.17 0.00	53.62 1.86 0.00	51.64 1.79 0.00	54.30 1.94 0.00	59.09 2.38 0.00	66.28 2.61 0.00	72.07 2.10 0.00	74.29 2.30 0.00	81.47 2.37 0.00	77.56 2.55 0.00	74.74 2.32 0.00	69.33 2.21 0.00	68.95 2.08 0.00	70.01 2.04 0.00	66.59 1.94 0.00	70.93 2.13 0.00	78.10 2.42 0.00	69.89 2.17 0.00	63.54 2.09 0.00	62.59 2.06 0.00	59.40 2.06 0.00	54.68 2.00 0.00	52.78 1.93 0.00
BEAVER RIVER___HYD 24048	59.15 1.27 0.00	56.81 1.06 0.00	52.80 1.03 0.00	50.90 1.05 0.00	53.46 1.10 0.00	57.95 1.25 0.00	65.45 1.78 0.00	71.23 1.26 0.00	73.21 1.22 0.00	80.59 1.50 0.00	76.36 1.35 0.00	74.23 1.81 0.00	68.53 1.41 0.00	68.28 1.41 0.00	69.53 1.56 0.00	66.66 2.01 0.00	70.44 1.65 0.00	76.81 1.14 0.00	68.74 1.02 0.00	62.06 0.61 0.00	61.14 0.61 0.00	57.75 0.40 0.00	53.00 0.32 0.00	51.05 0.20 0.00
BEEBEE_GT_13 23619	54.98 -2.89 0.00	52.69 -3.07 0.00	49.22 -2.54 0.00	47.61 -2.24 0.00	49.74 -2.62 0.00	52.96 -3.74 0.00	58.83 -4.84 0.00	65.08 -4.90 0.00	66.37 -5.62 0.00	72.93 -6.17 0.00	69.32 -5.70 -0.01	67.29 -5.14 -0.01	62.29 -4.83 0.00	62.40 -4.48 -0.01	63.35 -4.62 0.00	60.58 -4.07 0.00	64.88 -3.92 -0.01	71.60 -4.09 -0.01	63.80 -3.93 -0.01	57.52 -3.93 0.00	56.78 -3.75 0.00	53.56 -3.78 0.00	49.15 -3.53 0.00	48.05 -2.80 0.00
BENSHRST_27_KV_BENSHRST_1 355998	60.48 2.60 0.00	58.54 2.79 0.00	54.09 2.33 0.00	51.79 1.94 0.00	54.66 2.30 0.00	59.43 2.72 0.00	67.11 3.44 0.00	73.96 3.99 0.00	76.38 4.39 0.00	84.39 5.30 0.00	80.03 5.03 0.00	77.35 4.92 0.00	71.75 4.63 0.00	71.35 4.48 0.00	72.52 4.55 0.00	68.86 4.20 0.00	73.68 4.88 0.00	80.97 5.30 0.00	72.39 4.67 0.00	65.93 4.49 0.00	65.02 4.48 0.00	61.93 4.59 0.00	56.63 3.95 0.00	54.46 3.61 0.00
BETHLEHEM___GRP 23843	59.26 1.39 0.00	57.20 1.45 0.00	53.00 1.24 0.00	51.00 1.15 0.00	53.61 1.26 0.00	58.24 1.53 0.00	65.26 1.59 0.00	70.81 0.84 0.00	72.92 0.94 0.00	80.04 0.95 0.00	76.06 1.05 0.00	73.36 0.94 0.00	68.05 0.94 0.00	67.81 0.94 0.00	68.85 0.88 0.00	65.49 0.84 0.00	69.69 0.89 0.00	76.43 0.76 0.00	68.60 0.88 0.00	62.43 0.98 0.00	61.50 0.97 0.00	58.43 1.09 0.00	53.79 1.11 0.00	51.86 1.02 0.00
BETHLEHEM___GS1 323560	59.26 1.39 0.00	57.20 1.45 0.00	53.00 1.24 0.00	51.00 1.15 0.00	53.61 1.25 0.00	58.29 1.59 0.00	65.32 1.65 0.00	70.82 0.84 0.00	72.92 0.93 0.00	79.89 0.79 0.00	76.06 1.05 0.00	73.36 0.94 0.00	68.12 1.01 0.00	67.74 0.87 0.00	68.79 0.82 0.00	65.43 0.78 0.00	69.62 0.83 0.00	76.59 0.91 0.00	68.60 0.88 0.00	62.43 0.98 0.00	61.50 0.97 0.00	58.43 1.09 0.00	53.79 1.11 0.00	51.92 1.07 0.00
BETHLEHEM___GS2 323561	59.26 1.39 0.00	57.20 1.45 0.00	53.00 1.24 0.00	51.00 1.15 0.00	53.61 1.25 0.00	58.29 1.59 0.00	65.32 1.65 0.00	70.82 0.84 0.00	72.92 0.93 0.00	79.89 0.79 0.00	76.06 1.05 0.00	73.36 0.94 0.00	68.12 1.01 0.00	67.74 0.87 0.00	68.79 0.82 0.00	65.43 0.78 0.00	69.62 0.83 0.00	76.59 0.91 0.00	68.60 0.88 0.00	62.43 0.98 0.00	61.50 0.97 0.00	58.43 1.09 0.00	53.79 1.11 0.00	51.92 1.07 0.00
BETHLEHEM___GS3 323562	59.26 1.39 0.00	57.20 1.45 0.00	53.00 1.24 0.00	51.00 1.15 0.00	53.61 1.25 0.00	58.29 1.59 0.00	65.32 1.65 0.00	70.82 0.84 0.00	72.92 0.93 0.00	79.89 0.79 0.00	76.06 1.05 0.00	73.36 0.94 0.00	68.12 1.01 0.00	67.74 0.87 0.00	68.79 0.82 0.00	65.43 0.78 0.00	69.62 0.83 0.00	76.59 0.91 0.00	68.60 0.88 0.00	62.43 0.98 0.00	61.50 0.97 0.00	58.43 1.09 0.00	53.79 1.11 0.00	51.92 1.07 0.00
BETHLEHEM___STEEL 23779	53.82 -4.05 0.00	51.29 -4.46 0.00	48.29 -3.47 0.00	46.81 -3.04 0.00	48.69 -3.67 0.00	50.98 -5.73 0.00	56.10 -7.58 0.00	62.00 -7.98 0.00	62.63 -9.36 0.00	68.50 -10.60 0.00	56.26 -10.73 8.02	55.99 -9.99 6.43	55.19 -9.26 2.67	52.81 -9.16 4.90	59.22 -8.56 0.19	47.42 -8.79 8.44	54.81 -8.74 5.24	56.02 -9.31 10.34	54.64 -8.67 4.41	49.20 -8.05 4.20	46.98 -7.81 5.75	45.23 -7.05 5.06	46.67 -6.01 0.00	46.32 -4.53 0.00
BETHLHEM_115KV_TB1 79974	59.26 1.39 0.00	57.15 1.39 0.00	52.95 1.19 0.00	51.00 1.15 0.00	53.61 1.26 0.00	58.24 1.53 0.00	65.26 1.59 0.00	70.95 0.98 0.00	73.07 1.08 0.00	80.20 1.11 0.00	76.21 1.20 0.00	73.43 1.01 0.00	68.19 1.07 0.00	67.87 1.00 0.00	68.92 0.95 0.00	65.62 0.97 0.00	69.82 1.03 0.00	76.59 0.91 0.00	68.74 1.02 0.00	62.49 1.04 0.00	61.63 1.09 0.00	58.49 1.15 0.00	53.84 1.16 0.00	51.92 1.07 0.00
BETHPAGE_CC_5 323564	61.30 3.41 -0.01	58.99 3.23 0.00	54.25 2.48 0.00	51.99 2.14 0.00	54.92 2.56 0.00	60.57 3.86 -0.01	67.88 4.20 -0.01	75.09 5.11 -0.01	77.40 5.40 -0.01	85.35 6.25 -0.01	96.07 5.33 -15.73	96.06 4.99 -18.65	93.91 4.57 -22.23	94.40 4.34 -23.19	94.19 4.35 -21.87	93.51 4.14 -24.72	106.24 4.47 -32.98	98.28 5.07 -17.53	91.34 4.54 -19.08	91.34 4.48 -25.41	88.29 4.48 -23.27	67.39 4.70 -5.34	57.32 4.64 -0.01	55.33 4.48 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	54.11 -3.76 0.00	51.52 -4.24 0.00	48.45 -3.31 0.00	47.01 -2.84 0.00	48.90 -3.46 0.00	51.26 -5.44 0.00	56.41 -7.26 0.00	62.35 -7.63 0.00	62.99 -9.00 0.00	68.81 -10.28 0.00	56.95 -10.50 7.56	56.58 -9.78 6.06	55.54 -9.06 2.51	53.23 -9.03 4.61	59.50 -8.29 0.18	47.91 -8.79 7.95	55.12 -8.74 4.94	56.55 -9.38 9.75	54.83 -8.74 4.16	49.38 -8.11 3.96	47.31 -7.81 5.42	45.57 -7.00 4.77	46.78 -5.90 0.00	46.42 -4.42 0.00
BINGHAMTON___COGEN 23790	57.24 -0.64 0.00	54.97 -0.78 0.00	51.19 -0.57 0.00	49.40 -0.45 0.00	51.73 -0.63 0.00	55.74 -0.96 0.00	62.46 -1.21 0.00	68.85 -1.12 0.00	71.05 -0.94 0.00	78.15 -0.95 0.00	74.03 -0.98 0.01	71.55 -0.87 0.00	66.11 -1.01 0.00	65.93 -0.94 0.00	67.29 -0.68 0.00	63.81 -0.84 0.00	67.55 -1.24 0.00	74.46 -1.21 0.01	66.37 -1.35 0.00	60.15 -1.29 0.00	59.32 -1.21 0.00	56.20 -1.15 0.00	51.68 -1.00 0.00	50.19 -0.66 0.00

BIXINCNT_115KV_LOAD 355685	54.58 -3.30 0.00	51.80 -3.96 0.00	48.55 -3.21 0.00	47.01 -2.84 0.00	49.11 -3.25 0.00	51.55 -5.16 0.00	57.18 -6.49 0.00	63.12 -6.86 0.00	63.78 -8.21 0.00	69.76 -9.33 0.00	60.00 -9.98 5.03	58.82 -9.56 4.04	56.25 -9.19 1.67	54.37 -9.43 3.07	59.49 -8.36 0.12	49.53 -9.83 5.30	55.53 -9.97 3.29	58.13 -11.05 6.49	54.52 -10.43 2.77	49.07 -9.71 2.66	47.27 -9.63 3.64	45.53 -8.60 3.21	45.57 -7.11 0.00	44.95 -5.90 0.00
BLACK RIVER___HYD 24047	59.49 1.62 0.00	57.04 1.28 0.00	53.00 1.24 0.00	51.10 1.25 0.00	53.72 1.36 0.00	58.35 1.65 0.00	66.03 2.36 0.00	72.35 2.38 0.00	74.22 2.23 0.00	81.86 2.77 0.00	77.41 2.40 0.00	75.17 2.75 0.00	69.20 2.08 0.00	69.01 2.14 0.00	70.35 2.38 0.00	67.37 2.71 0.00	71.41 2.61 0.00	78.17 2.49 0.00	69.82 2.10 0.00	62.92 1.47 0.00	61.87 1.33 0.00	58.32 0.97 0.00	53.31 0.63 0.00	51.36 0.51 0.00
BLACKRVR_115KV_TB2 79977	59.50 1.62 0.00	57.04 1.28 0.00	53.00 1.24 0.00	51.09 1.25 0.00	53.72 1.36 0.00	58.35 1.64 0.00	66.03 2.36 0.00	72.35 2.38 0.00	74.22 2.23 0.00	81.86 2.77 0.00	77.41 2.40 0.00	75.17 2.75 0.00	69.20 2.08 0.00	69.01 2.14 0.00	70.28 2.31 0.00	67.18 2.52 0.00	71.34 2.55 0.00	78.17 2.50 0.00	69.69 1.96 0.00	62.92 1.47 0.00	61.87 1.33 0.00	58.32 0.97 0.00	53.31 0.63 0.00	51.41 0.56 0.00
BLDWN_LI_69_KV_BK4 356085	61.52 3.65 0.00	59.21 3.46 0.00	54.30 2.54 0.00	52.24 2.39 0.00	55.13 2.77 0.00	60.56 3.86 0.00	68.19 4.52 0.00	75.43 5.46 0.00	77.67 5.69 0.00	85.66 6.56 0.00	96.37 5.63 -15.73	96.43 5.36 -18.65	94.24 4.90 -22.23	94.80 4.75 -23.19	94.73 4.89 -21.87	93.96 4.59 -24.72	106.93 5.16 -32.98	98.96 5.75 -17.53	91.88 5.08 -19.08	91.65 4.79 -25.41	88.53 4.72 -23.27	67.56 4.87 -5.34	57.21 4.53 0.00	55.02 4.17 0.00
BLISS_WT_PWR 323608	54.52 -3.36 0.00	51.69 -4.07 0.00	48.29 -3.47 0.00	46.86 -2.99 0.00	48.96 -3.40 0.00	50.87 -5.84 0.00	56.79 -6.88 0.00	62.91 -7.06 0.00	63.57 -8.42 0.00	69.60 -9.49 0.00	59.85 -10.13 5.03	58.68 -9.70 4.04	56.98 -8.46 1.68	54.17 -9.63 3.07	59.29 -8.57 0.12	49.27 -10.08 5.30	55.05 -10.45 3.29	57.53 -11.65 6.49	55.88 -9.07 2.77	50.06 -8.73 2.66	46.66 -10.23 3.64	44.90 -9.23 3.21	44.99 -7.69 0.00	43.63 -7.22 0.00
BLUESTONE___WT_PWR 323821	60.19 2.32 0.00	57.70 1.95 0.00	53.68 1.92 0.00	51.74 1.89 0.00	54.30 1.94 0.00	58.64 1.93 0.00	66.03 2.36 0.00	72.78 2.80 0.00	74.87 2.88 0.00	82.66 3.56 0.00	78.23 3.22 0.00	75.68 3.26 0.00	69.87 2.75 0.00	69.68 2.81 0.00	71.43 3.46 0.00	67.88 3.23 0.00	72.09 3.30 0.00	79.53 3.86 0.01	71.17 3.45 0.00	64.21 2.77 0.00	62.96 2.42 0.00	58.72 1.37 0.00	53.63 0.95 0.00	51.81 0.96 0.00
BLUE_CIRC_CHEM_DRP 24182	59.67 1.79 0.00	57.59 1.84 0.00	53.37 1.60 0.00	51.39 1.55 0.00	53.98 1.62 0.00	58.58 1.87 0.00	65.71 2.04 0.00	71.72 1.75 0.00	73.93 1.94 0.00	81.15 2.06 0.00	76.96 1.95 0.00	74.23 1.81 0.00	68.79 1.68 0.00	68.48 1.60 0.00	69.60 1.63 0.00	66.21 1.55 0.00	70.51 1.72 0.00	77.57 1.89 0.00	69.41 1.69 0.00	63.10 1.66 0.00	62.23 1.69 0.00	59.06 1.72 0.00	54.31 1.63 0.00	52.37 1.53 0.00
BOC_GAS_DRP 24189	59.03 1.16 0.00	56.92 1.17 0.00	52.74 0.98 0.00	50.80 0.95 0.00	53.35 0.99 0.00	57.95 1.25 0.00	65.01 1.34 0.00	71.23 1.26 0.00	73.36 1.37 0.00	80.60 1.50 0.00	76.43 1.43 0.00	73.65 1.23 0.00	68.32 1.21 0.00	68.01 1.14 0.00	69.13 1.16 0.00	65.75 1.10 0.00	70.03 1.24 0.00	76.96 1.29 0.00	68.87 1.15 0.00	62.61 1.17 0.00	61.75 1.21 0.00	58.60 1.26 0.00	53.84 1.16 0.00	51.92 1.07 0.00
BOONVILLE_115KV_TB1 79983	59.21 1.33 0.00	56.92 1.17 0.00	52.90 1.14 0.00	50.95 1.10 0.00	53.51 1.15 0.00	58.07 1.36 0.00	65.39 1.72 0.00	71.58 1.61 0.00	73.64 1.66 0.00	81.07 1.98 0.00	76.81 1.80 0.00	74.38 1.96 0.00	68.66 1.54 0.00	68.41 1.54 0.00	69.60 1.63 0.00	66.46 1.81 0.00	70.72 1.93 0.00	77.42 1.74 0.00	69.08 1.35 0.00	62.49 1.04 0.00	61.56 1.03 0.00	58.20 0.86 0.00	53.31 0.63 0.00	51.46 0.61 0.00
BORALEX_4TH_BRANCH 23824	60.54 2.66 0.00	58.43 2.68 0.00	54.14 2.38 0.00	52.09 2.24 0.00	54.77 2.41 0.00	59.54 2.84 0.00	66.86 3.18 0.00	73.47 3.50 0.00	75.66 3.67 0.00	82.50 3.40 0.00	78.38 3.38 0.00	75.54 3.11 0.00	70.20 3.09 0.00	69.88 3.01 0.00	71.10 3.13 0.00	67.56 2.91 0.00	72.09 3.30 0.00	79.31 3.63 0.00	71.04 3.32 0.00	64.46 3.01 0.00	63.50 2.97 0.00	60.27 2.92 0.00	55.42 2.74 0.00	53.44 2.59 0.00
BOWLINE___1 23526	59.44 1.56 0.00	57.37 1.62 0.00	53.10 1.34 0.00	51.04 1.19 0.00	53.67 1.31 0.00	58.69 1.98 0.00	65.96 2.29 0.00	72.84 2.87 0.00	75.15 3.16 0.00	82.89 3.80 0.00	78.39 3.38 0.00	75.53 3.11 0.00	69.87 2.75 0.00	69.48 2.61 0.00	70.49 2.52 0.00	67.05 2.39 0.00	71.40 2.61 0.00	78.71 3.03 0.00	70.43 2.71 0.00	64.27 2.83 0.00	63.32 2.79 0.00	60.32 2.98 0.00	55.21 2.53 0.00	53.39 2.54 0.00
BOWLINE___2 23595	59.32 1.45 0.00	57.31 1.56 0.00	53.06 1.29 0.00	51.00 1.15 0.00	53.61 1.25 0.00	58.64 1.93 0.00	65.84 2.17 0.00	72.70 2.73 0.00	75.01 3.02 0.00	82.73 3.64 0.00	78.23 3.22 0.00	75.39 2.97 0.00	69.73 2.61 0.00	69.41 2.54 0.00	70.35 2.38 0.00	66.98 2.32 0.00	71.34 2.55 0.00	78.62 2.95 0.00	70.36 2.64 0.00	64.15 2.70 0.00	63.26 2.73 0.00	60.27 2.92 0.00	55.16 2.48 0.00	53.34 2.49 0.00
BRADY___115KV_TB2 356060	60.02 2.14 0.00	57.82 2.06 0.00	53.78 2.02 0.00	51.79 1.94 0.00	54.45 2.09 0.00	58.80 2.10 0.00	66.28 2.61 0.00	72.35 2.38 0.00	74.44 2.45 0.00	81.55 2.45 0.00	77.26 2.25 0.00	74.74 2.32 0.00	69.46 2.35 0.00	69.14 2.27 0.00	70.28 2.31 0.00	66.79 2.13 0.00	70.51 1.72 0.00	77.42 1.74 0.00	69.62 1.90 0.00	63.10 1.66 0.00	62.17 1.63 0.00	58.78 1.43 0.00	54.21 1.53 0.00	52.27 1.42 0.00
BRANSCOMB___SOLAR 323811	60.42 2.54 0.00	58.32 2.57 0.00	53.99 2.22 0.00	52.04 2.19 0.00	54.66 2.30 0.00	59.48 2.78 0.00	66.79 3.12 0.00	73.33 3.36 0.00	75.73 3.74 0.00	83.05 3.95 0.00	78.98 3.97 0.00	76.11 3.69 0.00	70.40 3.29 0.00	69.95 3.08 0.00	71.10 3.13 0.00	67.50 2.84 0.00	71.96 3.17 0.00	79.46 3.78 0.00	70.97 3.25 0.00	64.27 2.83 0.00	63.32 2.79 0.00	60.10 2.75 0.00	55.10 2.42 0.00	53.19 2.34 0.00
BRDGHMPT_69_KV_BK1 55812	62.79 4.92 0.00	60.38 4.63 0.00	55.28 3.52 0.00	53.24 3.39 0.00	56.34 3.98 0.00	62.26 5.56 0.00	70.29 6.62 0.00	77.74 7.77 0.00	79.98 7.99 0.00	88.43 9.33 0.00	98.47 7.73 -15.73	98.31 7.24 -18.65	96.12 6.78 -22.23	96.48 6.42 -23.19	96.84 7.00 -21.87	96.03 6.66 -24.72	108.65 6.88 -32.98	100.33 7.11 -17.53	93.10 6.30 -19.08	93.00 6.14 -25.41	90.10 6.30 -23.27	68.99 6.31 -5.34	58.26 5.58 0.00	56.19 5.34 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	62.22 4.34 0.00	59.82 4.07 0.00	54.76 3.00 0.00	52.69 2.84 0.00	55.71 3.35 0.00	61.36 4.65 0.00	69.15 5.48 0.00	76.55 6.58 0.00	78.75 6.77 0.00	87.00 7.91 0.00	97.42 6.68 -15.73	97.37 6.30 -18.65	95.25 5.91 -22.23	95.74 5.68 -23.19	95.75 5.91 -21.87	94.99 5.62 -24.72	107.90 6.12 -32.98	100.02 6.81 -17.53	92.83 6.03 -19.08	92.51 5.65 -25.41	89.50 5.69 -23.27	68.42 5.73 -5.34	57.95 5.27 0.00	55.68 4.83 0.00
BRISTLHL_115KV_TB1 79998	56.02 -1.85 0.00	53.86 -1.90 0.00	50.10 -1.66 0.00	48.25 -1.60 0.00	50.63 -1.73 0.00	54.78 -1.93 0.00	61.44 -2.23 0.00	67.73 -2.24 0.00	69.61 -2.38 0.00	76.56 -2.53 0.00	72.76 -2.25 0.00	70.39 -2.03 0.00	65.10 -2.01 0.00	64.93 -1.94 0.00	66.00 -1.97 0.00	62.84 -1.81 0.00	67.00 -1.79 0.00	73.79 -1.89 0.00	65.83 -1.90 0.00	59.60 -1.84 0.00	58.72 -1.82 0.00	55.51 -1.83 0.00	50.99 -1.69 0.00	49.32 -1.53 0.00
BROOKHAVEN___DRP 24191	62.16 4.28 0.00	59.77 4.01 0.00	54.71 2.95 0.00	52.64 2.79 0.00	55.66 3.30 0.00	61.36 4.65 0.00	69.15 5.48 0.00	76.55 6.58 0.00	78.83 6.84 0.00	87.08 7.99 0.00	97.19 6.45 -15.73	97.08 6.01 -18.65	95.05 5.70 -22.23	95.41 5.35 -23.19	95.68 5.85 -21.87	94.86 5.50 -24.72	107.55 5.78 -32.98	99.34 6.13 -17.53	92.36 5.55 -19.08	92.27 5.41 -25.41	89.38 5.57 -23.27	68.36 5.68 -5.34	57.84 5.16 0.00	55.63 4.78 0.00
BROOKLYN_NAVY_YARD 23515	60.02 2.14 0.00	57.93 2.17 0.00	53.62 1.86 0.00	51.44 1.59 0.00	54.19 1.83 0.00	59.37 2.67 0.00	66.85 3.18 0.00	73.75 3.78 0.00	76.16 4.17 0.00	84.00 4.91 0.00	79.36 4.35 0.00	76.47 4.05 0.00	70.80 3.69 0.00	70.41 3.54 0.00	71.37 3.40 0.00	67.95 3.30 0.00	72.30 3.51 0.00	79.68 4.01 0.00	71.24 3.52 0.00	65.13 3.69 0.00	64.29 3.75 0.00	61.30 3.95 0.00	56.10 3.42 0.00	54.20 3.36 0.00
BROOKLYN___ARMY_DRP 323595	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
BROOME_2_LFGE 323671	57.24 -0.64 0.00	54.97 -0.78 0.00	51.19 -0.57 0.00	49.40 -0.45 0.00	51.73 -0.63 0.00	55.63 -1.08 0.00	62.46 -1.21 0.00	68.85 -1.12 0.00	71.05 -0.94 0.00	78.15 -0.95 0.00	74.03 -0.98 0.01	71.55 -0.87 0.00	66.31 -0.80 0.00	66.00 -0.87 0.00	67.29 -0.68 0.00	63.88 -0.77 0.00	67.48 -1.31 0.00	74.46 -1.21 0.01	66.71 -1.01 0.00	60.40 -1.04 0.00	59.33 -1.21 0.00	56.20 -1.15 0.00	51.68 -1.00 0.00	50.03 -0.82 0.00
BROOME___LFGE 323600	57.24 -0.64 0.00	54.97 -0.78 0.00	51.19 -0.57 0.00	49.40 -0.45 0.00	51.73 -0.63 0.00	55.63 -1.08 0.00	62.46 -1.21 0.00	68.85 -1.12 0.00	71.05 -0.94 0.00	78.15 -0.95 0.00	74.03 -0.98 0.01	71.55 -0.87 0.00	66.31 -0.80 0.00	66.00 -0.87 0.00	67.29 -0.68 0.00	63.88 -0.77 0.00	67.48 -1.31 0.00	74.46 -1.21 0.01	66.71 -1.01 0.00	60.40 -1.04 0.00	59.33 -1.21 0.00	56.20 -1.15 0.00	51.68 -1.00 0.00	50.03 -0.82 0.00
BROWNFLS_115KV_TB 3_5 80003	59.21 1.33 0.00	56.98 1.23 0.00	52.95 1.19 0.00	51.05 1.20 0.00	53.61 1.26 0.00	57.90 1.19 0.00	65.39 1.72 0.00	71.23 1.26 0.00	73.28 1.30 0.00	80.52 1.42 0.00	76.28 1.28 0.00	74.16 1.74 0.00	68.59 1.48 0.00	68.34 1.47 0.00	69.47 1.50 0.00	66.21 1.55 0.00	69.69 0.89 0.00	76.28 0.61 0.00	68.33 0.61 0.00	61.88 0.43 0.00	60.96 0.42 0.00	57.69 0.34 0.00	53.26 0.58 0.00	51.31 0.46 0.00
BROWNSV1_27_KV_LOAD 356125	60.54 2.66 0.00	58.37 2.62 0.00	53.99 2.23 0.00	51.84 1.99 0.00	54.61 2.25 0.00	59.66 2.95 0.00	67.24 3.57 0.00	74.38 4.41 0.00	76.74 4.75 0.00	84.63 5.54 0.00	80.11 5.10 0.00	77.27 4.85 0.00	71.61 4.50 0.00	71.22 4.35 0.00	72.39 4.42 0.00	68.79 4.14 0.00	73.47 4.68 0.00	80.90 5.22 0.00	72.26 4.54 0.00	65.75 4.30 0.00	64.83 4.30 0.00	61.82 4.47 0.00	56.47 3.79 0.00	54.36 3.51 0.00
BURROWS___LYONSDAL 23803	59.15 1.27 0.00	56.87 1.12 0.00	52.85 1.09 0.00	50.90 1.05 0.00	53.46 1.10 0.00	58.01 1.30 0.00	65.33 1.66 0.00	71.37 1.40 0.00	73.43 1.44 0.00	80.83 1.74 0.00	76.51 1.50 0.00	74.16 1.74 0.00	68.46 1.34 0.00	68.27 1.40 0.00	69.47 1.50 0.00	66.40 1.75 0.00	70.58 1.79 0.00	77.11 1.44 0.00	68.87 1.15 0.00	62.31 0.86 0.00	61.32 0.79 0.00	57.97 0.63 0.00	53.15 0.47 0.00	51.25 0.41 0.00
CAITHNESS_CC_1 323624	61.99 4.11 -0.01	59.60 3.84 0.00	54.71 2.95 0.00	52.49 2.64 0.00	55.50 3.14 0.00	61.31 4.59 -0.01	69.03 5.35 -0.01	76.35 6.37 -0.01	78.61 6.62 -0.01	86.86 7.76 -0.01	96.96 6.22 -15.73	96.87 5.80 -18.65	94.78 5.43 -22.23	95.14 5.08 -23.19	95.14 5.31 -21.87	94.48 5.11 -24.72	107.00 5.23 -32.98	98.89 5.68 -17.53	91.95 5.14 -19.08	92.08 5.22 -25.41	89.19 5.39 -23.27	68.13 5.45 -5.34	57.74 5.06 -0.01	55.79 4.93 -0.01
CALPINE BETH_PAGE_GT4 24209	61.29 3.41 0.00	58.99 3.23 0.00	54.09 2.33 0.00	51.99 2.14 0.00	54.92 2.57 0.00	60.34 3.63 0.00	67.75 4.08 0.00	74.94 4.97 0.00	77.24 5.26 0.00	85.18 6.09 0.00	95.99 5.25 -15.73	96.00 4.92 -18.65	93.91 4.56 -22.23	94.47 4.41 -23.19	94.32 4.49 -21.87	93.64 4.27 -24.72	106.52 4.75 -32.98	98.51 5.30 -17.53	91.48 4.67 -19.08	91.22 4.36 -25.41	88.17 4.36 -23.27	67.21 4.53 -5.34	57.00 4.32 0.00	54.81 3.97 0.00
CALPINE_BETH_PAGE_GT_4 323586	61.30 3.41 -0.01	58.99 3.23 0.00	54.19 2.43 0.00	51.99 2.14 0.00	54.92 2.56 0.00	60.51 3.80 -0.01	67.82 4.14 -0.01	74.95 4.97 -0.01	77.25 5.25 -0.01	85.28 6.17 -0.01	95.99 5.25 -15.73	95.92 4.85 -18.65	93.77 4.43 -22.23	94.34 4.28 -23.19	94.05 4.22 -21.87	93.44 4.08 -24.72	106.18 4.41 -32.98	98.20 4.99 -17.53	91.20 4.40 -19.08	91.22 4.36 -25.41	88.17 4.36 -23.27	67.27 4.59 -5.34	57.16 4.48 -0.01	55.23 4.37 -0.01
CALPINE_BP_GT1 23823	61.30 3.41 -0.01	58.99 3.23 0.00	54.19 2.43 0.00	51.99 2.14 0.00	54.92 2.56 0.00	60.51 3.80 -0.01	67.82 4.14 -0.01	74.95 4.97 -0.01	77.25 5.25 -0.01	85.28 6.17 -0.01	95.99 5.25 -15.73	95.92 4.85 -18.65	93.77 4.43 -22.23	94.34 4.28 -23.19	94.05 4.22 -21.87	93.44 4.08 -24.72	106.18 4.41 -32.98	98.20 4.99 -17.53	91.20 4.40 -19.08	91.22 4.36 -25.41	88.17 4.36 -23.27	67.27 4.59 -5.34	57.16 4.48 -0.01	55.23 4.37 -0.01
CALSPAN___DRP 24200	53.82 -4.05 0.00	51.29 -4.46 0.00	48.29 -3.47 0.00	46.81 -3.04 0.00	48.69 -3.67 0.00	50.98 -5.73 0.00	56.10 -7.58 0.00	62.00 -7.98 0.00	62.63 -9.36 0.00	68.50 -10.60 0.00	56.26 -10.73 8.02	55.99 -9.99 6.43	55.19 -9.26 2.67	52.81 -9.16 4.90	59.22 -8.56 0.19	47.42 -8.79 8.44	54.81 -8.74 5.24	56.02 -9.31 10.34	54.64 -8.67 4.41	49.20 -8.05 4.20	46.98 -7.81 5.75	45.23 -7.05 5.06	46.67 -6.01 0.00	46.32 -4.53 0.00

CALVERTON___SOLAR 323806	62.34 4.46 -0.01	59.94 4.18 0.00	55.02 3.26 0.00	52.74 2.89 0.00	55.81 3.45 0.00	61.65 4.93 -0.01	69.47 5.79 -0.01	76.84 6.86 -0.01	79.12 7.13 -0.01	87.41 8.30 -0.01	97.41 6.67 -15.73	97.22 6.15 -18.65	95.18 5.84 -22.23	95.54 5.48 -23.19	95.68 5.85 -21.87	94.93 5.56 -24.72	107.42 5.64 -32.98	99.19 5.98 -17.53	92.29 5.48 -19.08	92.45 5.59 -25.41	89.62 5.81 -23.27	68.53 5.85 -5.34	58.06 5.38 -0.01	56.04 5.19 -0.01
CANDIGU_WT_PWR 323617	55.62 -2.26 0.00	53.19 -2.56 0.00	49.64 -2.12 0.00	48.06 -1.79 0.00	50.11 -2.25 0.00	52.91 -3.80 0.00	59.15 -4.52 0.00	65.15 -4.83 0.00	66.23 -5.76 0.00	72.69 -6.40 0.00	21.99 -6.45 46.57	29.04 -6.01 37.37	46.09 -5.50 15.53	32.68 -5.75 28.43	61.51 -5.37 1.09	10.10 -5.56 48.99	32.70 -5.64 30.46	9.71 -5.90 60.06	37.06 -5.01 25.65	32.21 -4.79 24.45	21.91 -5.21 33.42	23.15 -4.76 29.44	48.52 -4.16 0.00	47.19 -3.66 0.00
CARR STREET_E_SYR 24060	56.26 -1.62 0.00	54.08 -1.67 0.00	50.31 -1.45 0.00	48.45 -1.40 0.00	50.84 -1.52 0.00	54.89 -1.82 0.00	61.63 -2.04 0.00	67.94 -2.03 0.00	69.83 -2.16 0.00	76.88 -2.21 0.00	72.99 -2.02 0.00	70.61 -1.81 0.00	65.31 -1.81 0.00	65.20 -1.67 0.00	66.20 -1.77 0.00	63.10 -1.55 0.00	67.14 -1.65 0.00	73.94 -1.74 0.00	65.96 -1.76 0.00	59.79 -1.66 0.00	58.90 -1.63 0.00	55.68 -1.66 0.00	51.20 -1.47 0.00	49.53 -1.32 0.00
CARTHAGE___PAPER 23857	59.38 1.50 0.00	56.98 1.23 0.00	52.95 1.19 0.00	51.04 1.19 0.00	53.67 1.31 0.00	58.24 1.53 0.00	65.90 2.23 0.00	71.86 1.89 0.00	73.86 1.87 0.00	81.31 2.21 0.00	76.89 1.88 0.00	74.74 2.32 0.00	68.93 1.81 0.00	68.68 1.81 0.00	70.01 2.04 0.00	67.05 2.39 0.00	70.99 2.20 0.00	77.57 1.89 0.00	69.34 1.62 0.00	62.55 1.11 0.00	61.56 1.03 0.00	58.09 0.74 0.00	53.21 0.53 0.00	51.25 0.40 0.00
CASSADAGA_WT_PWR 323784	53.77 -4.11 0.00	51.01 -4.74 0.00	47.72 -4.04 0.00	46.41 -3.44 0.00	48.43 -3.93 0.00	50.58 -6.13 0.00	57.37 -6.30 0.00	63.61 -6.37 0.00	64.14 -7.84 0.00	69.28 -9.81 5.51	59.15 -10.35 4.42	58.37 -9.63 1.83	56.76 -8.52 3.36	53.95 -9.56 0.13	59.28 -8.57 5.79	49.30 -9.57 3.60	56.73 -8.46 7.10	59.80 -8.78 3.03	57.99 -6.71 3.03	51.46 -6.88 3.11	48.48 -7.81 4.25	45.52 -8.08 3.74	45.62 -7.06 0.00	44.44 -6.41 0.00
CE_DUNWOOD___DRP 24194	59.90 2.03 0.00	57.82 2.06 0.00	53.47 1.71 0.00	51.34 1.50 0.00	54.09 1.73 0.00	58.97 2.27 0.00	66.47 2.80 0.00	73.47 3.50 0.00	75.80 3.82 0.00	83.60 4.51 0.00	79.13 4.13 0.00	76.33 3.91 0.00	70.67 3.56 0.00	70.28 3.41 0.00	71.44 3.47 0.00	67.89 3.23 0.00	72.44 3.65 0.00	79.76 4.09 0.00	71.31 3.59 0.00	64.83 3.38 0.00	63.93 3.39 0.00	60.90 3.56 0.00	55.68 3.00 0.00	53.54 2.69 0.00
CE_MILLWOOD___DRP 24193	59.79 1.91 0.00	57.71 1.95 0.00	53.37 1.60 0.00	51.29 1.45 0.00	53.98 1.62 0.00	58.86 2.15 0.00	66.28 2.61 0.00	73.26 3.29 0.00	75.59 3.60 0.00	83.37 4.27 0.00	78.91 3.90 0.00	76.11 3.69 0.00	70.40 3.29 0.00	70.08 3.21 0.00	71.23 3.26 0.00	67.69 3.04 0.00	72.23 3.44 0.00	79.54 3.86 0.00	71.11 3.39 0.00	64.64 3.20 0.00	63.74 3.21 0.00	60.73 3.38 0.00	55.52 2.84 0.00	53.44 2.59 0.00
CE_NYC2_DRP 24202	60.36 2.49 0.00	58.37 2.62 0.00	53.99 2.23 0.00	51.69 1.84 0.00	54.56 2.20 0.00	59.37 2.67 0.00	66.98 3.31 0.00	73.75 3.78 0.00	76.16 4.18 0.00	84.08 4.98 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.73 4.07 0.00	73.26 4.47 0.00	80.52 4.84 0.00	71.99 4.27 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.76 4.42 0.00	56.42 3.74 0.00	54.25 3.41 0.00
CE_NYC_DRP 24195	60.13 2.26 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.49 1.65 0.00	54.29 1.94 0.00	59.26 2.55 0.00	66.79 3.12 0.00	73.89 3.92 0.00	76.23 4.25 0.00	84.08 4.98 0.00	79.58 4.58 0.00	76.77 4.35 0.00	71.14 4.03 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.34 3.69 0.00	72.99 4.20 0.00	80.29 4.62 0.00	71.78 4.06 0.00	65.32 3.87 0.00	64.35 3.81 0.00	61.41 4.07 0.00	56.10 3.42 0.00	54.00 3.15 0.00
CHAFFEE___LFGE 323603	54.00 -3.88 0.00	51.46 -4.29 0.00	48.29 -3.47 0.00	46.96 -2.89 0.00	48.85 -3.51 0.00	50.58 -6.13 0.00	56.16 -7.51 0.00	62.28 -7.70 0.00	62.92 -9.07 0.00	68.81 -10.28 6.51	57.92 -10.57 5.22	57.42 -9.78 2.17	56.49 -8.46 3.97	54.00 -8.89 0.15	59.73 -8.09 0.15	49.26 -8.54 6.85	55.93 -8.60 4.26	58.12 -9.16 8.40	56.69 -7.45 3.58	50.96 -7.06 3.42	48.16 -7.69 4.68	46.33 -6.88 4.13	46.73 -5.95 0.00	45.56 -5.29 0.00
CHATEAUG_35_KV_LOAD 355732	59.38 1.50 0.00	57.26 1.51 0.00	53.26 1.50 0.00	51.34 1.50 0.00	53.98 1.62 0.00	58.29 1.59 0.00	65.65 1.97 0.00	71.79 1.82 0.00	74.00 2.02 0.00	80.91 1.82 0.00	76.81 1.80 0.00	74.16 1.74 0.00	68.93 1.81 0.00	68.61 1.74 0.00	69.67 1.70 0.00	66.14 1.49 0.00	69.96 1.17 0.00	77.04 1.36 0.00	69.21 1.49 0.00	62.80 1.35 0.00	61.81 1.27 0.00	58.26 0.92 0.00	53.63 0.95 0.00	51.61 0.76 0.00
CHATEAUG_WT_PWR 323614	59.15 1.27 0.00	57.04 1.28 0.00	53.06 1.29 0.00	51.14 1.29 0.00	53.77 1.41 0.00	58.07 1.36 0.00	65.39 1.72 0.00	71.51 1.54 0.00	73.64 1.66 0.00	80.68 1.58 0.00	76.51 1.50 0.00	73.94 1.52 0.00	68.66 1.54 0.00	68.34 1.47 0.00	69.53 1.56 0.00	65.95 1.29 0.00	70.03 1.24 0.00	76.74 1.06 0.00	69.01 1.28 0.00	62.55 1.11 0.00	61.56 1.03 0.00	58.09 0.74 0.00	53.47 0.79 0.00	51.46 0.61 0.00
CHAT_HIGH_FALL_HYD 323578	59.38 1.50 0.00	57.26 1.51 0.00	53.26 1.50 0.00	51.34 1.50 0.00	53.98 1.62 0.00	58.29 1.59 0.00	65.65 1.97 0.00	71.79 1.82 0.00	74.00 2.02 0.00	80.91 1.82 0.00	76.81 1.80 0.00	74.16 1.74 0.00	68.93 1.81 0.00	68.61 1.74 0.00	69.67 1.70 0.00	66.14 1.49 0.00	69.96 1.17 0.00	77.04 1.36 0.00	69.21 1.49 0.00	62.80 1.35 0.00	61.81 1.27 0.00	58.26 0.92 0.00	53.63 0.95 0.00	51.61 0.76 0.00
CHAUTAUQUA___LFGE 323629	53.94 -3.94 0.00	51.29 -4.46 0.00	48.09 -3.67 0.00	46.71 -3.14 0.00	48.69 -3.67 0.00	50.75 -5.95 0.00	56.92 -6.75 0.00	63.12 -6.85 0.00	63.64 -8.35 0.00	69.28 -9.81 0.00	57.92 -10.27 6.81	57.39 -9.56 5.47	56.46 -8.39 2.27	53.68 -9.03 4.16	59.65 -8.16 0.16	48.70 -8.79 7.16	56.01 -8.33 4.45	58.26 -8.63 8.79	57.14 -6.84 3.75	50.53 -7.06 3.85	47.65 -7.63 5.26	45.43 -7.28 4.63	46.30 -6.38 0.00	45.15 -5.69 0.00
CHERRYST_13_KV_LD 356241	60.25 2.37 0.00	58.15 2.40 0.00	53.78 2.02 0.00	51.64 1.79 0.00	54.40 2.04 0.00	59.43 2.72 0.00	66.98 3.31 0.00	74.10 4.13 0.00	76.52 4.54 0.00	84.39 5.30 0.00	79.88 4.88 0.00	77.06 4.63 0.00	71.41 4.30 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.53 3.88 0.00	73.19 4.40 0.00	80.59 4.92 0.00	71.99 4.27 0.00	65.50 4.06 0.00	64.53 4.00 0.00	61.59 4.24 0.00	56.26 3.58 0.00	54.10 3.25 0.00

CHESTROR_138KV_BK263 355645	59.38 1.50 0.00	57.26 1.51 0.00	53.00 1.24 0.00	50.95 1.10 0.00	53.61 1.26 0.00	58.41 1.70 0.00	65.65 1.97 0.00	72.49 2.52 0.00	74.72 2.74 0.00	82.42 3.32 0.00	78.01 3.00 0.00	75.24 2.82 0.00	69.60 2.48 0.00	69.21 2.34 0.00	70.35 2.38 0.00	66.92 2.26 0.00	71.41 2.61 0.00	78.63 2.95 0.00	70.29 2.57 0.00	63.90 2.46 0.00	63.02 2.48 0.00	59.92 2.58 0.00	54.84 2.16 0.00	52.83 1.98 0.00
CH_MIDHUDSON___DRP 24192	60.07 2.20 0.00	57.98 2.23 0.00	53.62 1.86 0.00	51.54 1.69 0.00	54.24 1.88 0.00	59.09 2.38 0.00	66.47 2.80 0.00	73.33 3.36 0.00	75.66 3.67 0.00	83.44 4.35 0.00	78.91 3.90 0.00	76.04 3.62 0.00	70.34 3.22 0.00	69.95 3.08 0.00	71.10 3.13 0.00	67.63 2.97 0.00	72.16 3.37 0.00	79.54 3.86 0.00	71.11 3.39 0.00	64.64 3.20 0.00	63.68 3.15 0.00	60.61 3.27 0.00	55.47 2.79 0.00	53.39 2.54 0.00
CH_MISC_IPPS 23765	60.31 2.43 0.00	58.20 2.45 0.00	53.88 2.12 0.00	51.74 1.89 0.00	54.45 2.10 0.00	59.43 2.72 0.00	66.73 3.06 0.00	73.54 3.57 0.00	75.87 3.88 0.00	83.76 4.67 0.00	79.21 4.20 0.00	76.33 3.91 0.00	70.54 3.42 0.00	70.15 3.28 0.00	71.10 3.13 0.00	67.69 3.04 0.00	72.16 3.37 0.00	79.61 3.93 0.00	71.24 3.52 0.00	64.88 3.44 0.00	63.92 3.39 0.00	60.78 3.44 0.00	55.63 2.95 0.00	53.74 2.90 0.00
CH_RES_BVR_FALLS 23983	57.93 0.06 0.00	55.81 0.06 0.00	51.81 0.05 0.00	49.90 0.05 0.00	52.41 0.05 0.00	56.76 0.06 0.00	63.74 0.06 0.00	69.97 0.00 0.00	71.99 0.00 0.00	79.09 0.00 0.00	75.01 0.00 0.00	72.42 0.00 0.00	67.18 0.07 0.00	66.94 0.07 0.00	68.04 0.07 0.00	64.65 0.00 0.00	68.79 0.00 0.00	75.68 0.00 0.00	67.72 0.00 0.00	61.45 0.00 0.00	60.54 0.00 0.00	57.29 -0.06 0.00	52.68 0.00 0.00	50.80 -0.05 0.00
CH_RES_NIAGARA 23895	51.51 -6.37 0.00	49.12 -6.63 0.00	46.27 -5.49 0.00	44.96 -4.89 0.00	46.65 -5.71 0.00	48.77 -7.94 0.00	53.17 -10.51 0.00	58.85 -11.13 0.00	59.46 -12.53 0.00	65.09 -14.00 0.00	56.15 -12.45 6.41	55.62 -11.66 5.14	54.39 -10.60 2.13	52.73 -10.23 3.91	56.67 -11.15 0.15	48.51 -9.44 6.71	55.18 -9.42 4.19	57.35 -10.07 8.27	54.78 -9.41 3.52	49.31 -8.79 3.34	47.50 -8.47 4.56	45.47 -7.86 4.01	45.04 -7.64 0.00	44.70 -6.15 0.00
CH_RES_SYRACUSE 23985	56.84 -1.04 0.00	54.64 -1.11 0.00	50.78 -0.99 0.00	48.95 -0.90 0.00	51.36 -1.00 0.00	55.46 -1.25 0.00	62.27 -1.40 0.00	68.64 -1.33 0.00	70.55 -1.44 0.00	77.67 -1.42 0.00	73.73 -1.28 0.00	71.34 -1.08 0.00	65.97 -1.14 0.00	65.87 -1.00 0.00	66.95 -1.02 0.00	63.75 -0.91 0.00	67.83 -0.96 0.00	74.77 -0.90 0.00	66.71 -1.01 0.00	60.40 -1.04 0.00	59.51 -1.03 0.00	56.25 -1.09 0.00	51.68 -1.00 0.00	49.93 -0.91 0.00
CLINTON_WT_PWR 323605	59.15 1.27 0.00	57.04 1.28 0.00	53.06 1.29 0.00	51.14 1.29 0.00	53.77 1.41 0.00	58.07 1.36 0.00	65.39 1.72 0.00	71.51 1.54 0.00	73.64 1.66 0.00	80.68 1.58 0.00	76.51 1.50 0.00	73.94 1.52 0.00	68.66 1.54 0.00	68.34 1.47 0.00	69.53 1.56 0.00	65.95 1.29 0.00	70.03 1.24 0.00	76.74 1.06 0.00	69.01 1.28 0.00	62.55 1.11 0.00	61.56 1.03 0.00	58.09 0.74 0.00	53.47 0.79 0.00	51.46 0.61 0.00
CLINTON___LFGE 323618	60.25 2.37 0.00	58.04 2.29 0.00	54.04 2.27 0.00	52.09 2.25 0.00	54.82 2.46 0.00	59.09 2.38 0.00	66.73 3.06 0.00	72.91 2.94 0.00	75.23 3.24 0.00	82.26 3.17 0.00	77.93 2.92 0.00	75.39 2.97 0.00	70.00 2.88 0.00	69.68 2.81 0.00	70.96 2.99 0.00	67.24 2.59 0.00	71.41 2.61 0.00	78.25 2.57 0.00	70.36 2.64 0.00	63.78 2.33 0.00	62.78 2.24 0.00	59.06 1.72 0.00	54.42 1.74 0.00	52.32 1.48 0.00
COBBLENY_34_KV_TB1 80064	54.00 -3.88 0.00	51.46 -4.29 0.00	48.45 -3.31 0.00	46.96 -2.89 0.00	48.85 -3.51 0.00	51.21 -5.50 0.00	56.41 -7.26 0.00	62.35 -7.63 0.00	62.99 -9.00 0.00	68.81 -10.28 0.00	58.00 -10.50 6.51	57.42 -9.78 5.22	55.89 -9.06 2.16	53.87 -9.03 3.97	59.53 -8.29 0.15	49.07 -8.73 6.85	55.94 -8.60 4.26	58.12 -9.16 8.40	55.60 -8.53 3.58	50.10 -7.93 3.42	48.16 -7.69 4.68	46.34 -6.88 4.13	46.78 -5.90 0.00	46.47 -4.37 0.00
COFFEEN___115KV_TB3 355620	59.61 1.74 0.00	57.20 1.45 0.00	53.16 1.40 0.00	51.24 1.40 0.00	53.88 1.52 0.00	58.52 1.81 0.00	66.28 2.61 0.00	72.63 2.66 0.00	74.51 2.52 0.00	82.10 3.01 0.00	77.71 2.70 0.00	75.39 2.97 0.00	69.40 2.28 0.00	69.14 2.27 0.00	70.49 2.51 0.00	67.43 2.78 0.00	71.68 2.89 0.00	78.55 2.88 0.00	70.02 2.30 0.00	63.17 1.72 0.00	62.11 1.57 0.00	58.49 1.15 0.00	53.47 0.79 0.00	51.56 0.71 0.00
COLDSPRG_115KV_BK1 355956	54.98 -2.89 0.00	52.30 -3.46 0.00	49.07 -2.69 0.00	47.61 -2.24 0.00	49.64 -2.72 0.00	52.34 -4.37 0.00	58.58 -5.09 0.00	64.73 -5.25 0.00	65.29 -6.69 0.00	70.87 -8.23 0.00	62.49 -9.08 3.44	61.33 -8.33 2.76	58.06 -7.92 1.14	56.48 -8.29 2.10	60.96 -6.93 0.08	52.50 -8.53 3.62	58.70 -7.84 2.25	62.99 -8.25 4.44	58.18 -7.65 1.89	52.26 -7.25 1.94	50.74 -7.14 2.65	48.36 -6.65 2.33	47.15 -5.53 0.00	46.73 -4.12 0.00
COLONIE_LFGE___ 323577	59.90 2.02 0.00	57.76 2.00 0.00	53.57 1.81 0.00	51.54 1.70 0.00	54.19 1.83 0.00	58.92 2.21 0.00	66.09 2.42 0.00	72.49 2.52 0.00	74.72 2.73 0.00	81.79 2.69 0.00	77.79 2.78 0.00	74.95 2.53 0.00	69.53 2.41 0.00	69.21 2.34 0.00	70.28 2.31 0.00	66.78 2.13 0.00	71.13 2.34 0.00	78.40 2.72 0.00	70.16 2.43 0.00	63.65 2.21 0.00	62.71 2.18 0.00	59.52 2.18 0.00	54.73 2.05 0.00	52.83 1.98 0.00
COOPERNY_115KV_TB1 80082	58.86 0.98 0.00	56.76 1.00 0.00	52.59 0.83 0.00	50.60 0.75 0.00	53.20 0.84 0.00	57.84 1.13 0.00	65.07 1.40 0.00	71.72 1.75 0.00	73.93 1.94 0.00	81.47 2.37 0.00	77.11 2.10 0.00	74.38 1.96 0.00	68.86 1.75 0.00	68.54 1.67 0.00	69.67 1.70 0.00	66.27 1.62 0.00	70.65 1.86 0.00	77.79 2.12 0.00	69.55 1.83 0.00	63.17 1.72 0.00	62.23 1.69 0.00	59.18 1.83 0.00	54.15 1.48 0.00	52.22 1.37 0.00
COPENHAGEN_WT_PWR 323753	59.15 1.27 0.00	56.76 1.00 0.00	52.74 0.98 0.00	50.85 1.00 0.00	53.46 1.10 0.00	58.01 1.31 0.00	65.58 1.91 0.00	71.86 1.89 0.00	73.79 1.80 0.00	81.31 2.21 0.00	76.96 1.95 0.00	74.74 2.32 0.00	68.86 1.74 0.00	68.61 1.74 0.00	69.94 1.97 0.00	66.98 2.32 0.00	70.99 2.20 0.00	77.72 2.04 0.00	69.42 1.69 0.00	62.61 1.16 0.00	61.56 1.03 0.00	58.03 0.69 0.00	53.10 0.42 0.00	51.15 0.31 0.00
CORNELL_____ 23752	58.34 0.46 0.00	55.98 0.22 0.00	52.12 0.36 0.00	50.25 0.40 0.00	52.67 0.31 0.00	56.88 0.17 0.00	63.93 0.25 0.00	70.46 0.49 0.00	72.35 0.36 0.00	79.57 0.47 0.00	78.35 0.45 -2.89	75.32 0.58 -2.32	68.35 0.27 -0.97	68.97 0.33 -1.77	68.51 0.48 -0.07	68.22 0.52 -3.05	71.37 0.69 -1.89	80.39 0.98 -3.73	69.93 0.61 -1.60	63.33 0.37 -1.52	62.98 0.36 -2.08	59.29 0.11 -1.83	52.84 0.16 0.00	51.15 0.31 0.00

CORONA V_69 KV_TB1 355595	61.35 3.47 0.00	59.10 3.35 0.00	54.30 2.54 0.00	52.19 2.34 0.00	55.08 2.72 0.00	60.39 3.69 0.00	68.00 4.33 0.00	75.15 5.18 0.00	77.53 5.54 0.00	85.42 6.33 0.00	96.22 5.48 -15.73	96.36 5.29 -18.65	94.11 4.77 -22.23	94.80 4.75 -23.19	94.66 4.83 -21.87	93.83 4.46 -24.72	106.80 5.02 -32.98	98.89 5.68 -17.53	91.75 4.94 -19.08	91.53 4.67 -25.41	88.41 4.60 -23.27	67.44 4.76 -5.34	56.95 4.27 0.00	54.76 3.92 0.00
CORTLAND_115KV_TB3 80093	57.82 -0.06 0.00	55.53 -0.22 0.00	51.66 -0.10 0.00	49.80 -0.05 0.00	52.25 -0.10 0.00	56.48 -0.23 0.00	63.42 -0.25 0.00	69.83 -0.14 0.00	71.84 -0.14 0.00	79.02 -0.08 0.00	74.93 -0.08 0.00	72.49 0.07 0.00	66.91 -0.20 0.00	66.74 -0.13 0.00	67.97 0.00 0.00	64.65 0.00 0.00	68.86 0.07 0.00	75.83 0.15 0.00	67.65 -0.07 0.00	61.26 -0.18 0.00	60.35 -0.18 0.00	57.06 -0.29 0.00	52.42 -0.26 0.00	50.75 -0.10 0.00
COXSACKIE__GT 23611	61.81 3.94 0.00	59.71 3.96 0.00	55.28 3.52 0.00	53.24 3.39 0.00	55.92 3.56 0.00	60.73 4.03 0.00	67.81 4.14 0.00	73.61 3.64 0.00	76.02 4.03 0.00	83.44 4.35 0.00	79.13 4.12 0.00	76.11 3.69 0.00	70.27 3.16 0.00	69.88 3.01 0.00	71.10 3.13 0.00	67.95 3.30 0.00	72.71 3.92 0.00	80.45 4.77 0.00	71.99 4.27 0.00	65.32 3.87 0.00	64.29 3.75 0.00	60.67 3.32 0.00	55.79 3.11 0.00	53.85 3.00 0.00
CPV_VALLEY__CC1 323721	58.92 1.04 0.00	56.87 1.11 0.00	52.64 0.88 0.00	50.60 0.75 0.00	53.25 0.89 0.00	58.07 1.36 0.00	65.26 1.59 0.00	71.93 1.96 0.00	74.22 2.23 0.00	81.79 2.69 0.00	77.41 2.40 0.00	74.59 2.17 0.00	68.99 1.88 0.00	68.68 1.81 0.00	69.67 1.70 0.00	66.33 1.68 0.00	70.58 1.79 0.00	77.79 2.12 0.00	69.62 1.89 0.00	63.41 1.97 0.00	62.53 1.99 0.00	59.47 2.12 0.00	54.42 1.74 0.00	52.63 1.78 0.00
CPV_VALLEY__CC2 323722	58.92 1.04 0.00	56.87 1.11 0.00	52.64 0.88 0.00	50.60 0.75 0.00	53.25 0.89 0.00	58.07 1.36 0.00	65.26 1.59 0.00	71.93 1.96 0.00	74.22 2.23 0.00	81.79 2.69 0.00	77.41 2.40 0.00	74.59 2.17 0.00	68.99 1.88 0.00	68.68 1.81 0.00	69.67 1.70 0.00	66.33 1.68 0.00	70.58 1.79 0.00	77.79 2.12 0.00	69.62 1.89 0.00	63.41 1.97 0.00	62.53 1.99 0.00	59.47 2.12 0.00	54.42 1.74 0.00	52.63 1.78 0.00
CRESCENT__HYD 24018	59.90 2.02 0.00	57.76 2.00 0.00	53.57 1.81 0.00	51.54 1.70 0.00	54.19 1.83 0.00	58.92 2.21 0.00	66.09 2.42 0.00	72.49 2.52 0.00	74.72 2.73 0.00	81.79 2.69 0.00	77.79 2.78 0.00	74.95 2.53 0.00	69.53 2.41 0.00	69.21 2.34 0.00	70.28 2.31 0.00	66.78 2.13 0.00	71.13 2.34 0.00	78.40 2.72 0.00	70.16 2.43 0.00	63.65 2.21 0.00	62.71 2.18 0.00	59.52 2.18 0.00	54.73 2.05 0.00	52.83 1.98 0.00
CRICKET__VALLEY_CC1 323756	59.67 1.80 0.00	57.59 1.84 0.00	53.31 1.55 0.00	51.20 1.35 0.00	53.88 1.52 0.00	58.86 2.15 0.00	66.15 2.48 0.00	72.98 3.01 0.00	75.30 3.31 0.00	82.89 3.80 0.00	78.16 3.15 0.00	75.32 2.90 0.00	69.73 2.61 0.00	69.35 2.48 0.00	70.35 2.38 0.00	66.92 2.26 0.00	71.26 2.47 0.00	78.55 2.88 0.00	70.23 2.51 0.00	64.15 2.70 0.00	63.26 2.73 0.00	60.38 3.04 0.00	55.26 2.58 0.00	53.39 2.54 0.00
CRICKET__VALLEY_CC2 323757	59.67 1.80 0.00	57.59 1.84 0.00	53.31 1.55 0.00	51.20 1.35 0.00	53.88 1.52 0.00	58.86 2.15 0.00	66.15 2.48 0.00	72.98 3.01 0.00	75.30 3.31 0.00	82.89 3.80 0.00	78.16 3.15 0.00	75.32 2.90 0.00	69.73 2.61 0.00	69.35 2.48 0.00	70.35 2.38 0.00	66.92 2.26 0.00	71.26 2.47 0.00	78.55 2.88 0.00	70.23 2.51 0.00	64.15 2.70 0.00	63.26 2.73 0.00	60.38 3.04 0.00	55.26 2.58 0.00	53.39 2.54 0.00
CRICKET__VALLEY_CC3 323758	59.67 1.80 0.00	57.59 1.84 0.00	53.31 1.55 0.00	51.20 1.35 0.00	53.88 1.52 0.00	58.86 2.15 0.00	66.15 2.48 0.00	72.98 3.01 0.00	75.30 3.31 0.00	82.89 3.80 0.00	78.16 3.15 0.00	75.32 2.90 0.00	69.73 2.61 0.00	69.35 2.48 0.00	70.35 2.38 0.00	66.92 2.26 0.00	71.26 2.47 0.00	78.55 2.88 0.00	70.23 2.51 0.00	64.15 2.70 0.00	63.26 2.73 0.00	60.38 3.04 0.00	55.26 2.58 0.00	53.39 2.54 0.00
CRUCIBLE_METL_DRP 24180	56.83 -1.04 0.00	54.64 -1.12 0.00	50.83 -0.93 0.00	48.95 -0.90 0.00	51.36 -0.99 0.00	55.52 -1.19 0.00	62.34 -1.34 0.00	68.64 -1.33 0.00	70.55 -1.44 0.00	77.67 -1.42 0.00	73.73 -1.28 0.00	71.33 -1.09 0.00	65.97 -1.14 0.00	65.80 -1.07 0.00	66.88 -1.09 0.00	63.68 -0.97 0.00	67.90 -0.89 0.00	74.77 -0.91 0.00	66.71 -1.02 0.00	60.40 -1.04 0.00	59.51 -1.03 0.00	56.25 -1.09 0.00	51.73 -0.95 0.00	50.03 -0.81 0.00
DAHOWA__HYDRO 323763	60.60 2.72 0.00	58.49 2.73 0.00	54.14 2.38 0.00	52.24 2.39 0.00	54.82 2.46 0.00	59.71 3.00 0.00	67.11 3.44 0.00	73.61 3.64 0.00	76.09 4.10 0.00	83.52 4.43 0.00	79.36 4.35 0.00	76.47 4.05 0.00	70.74 3.62 0.00	70.21 3.34 0.00	71.30 3.33 0.00	67.69 3.04 0.00	72.16 3.37 0.00	79.76 4.08 0.00	71.31 3.59 0.00	64.46 3.01 0.00	63.50 2.97 0.00	60.27 2.92 0.00	55.26 2.58 0.00	53.34 2.49 0.00
DANC__LFGE 323619	57.99 0.12 0.00	55.70 -0.06 0.00	51.76 0.00 0.00	49.90 0.05 0.00	52.41 0.05 0.00	56.82 0.11 0.00	64.06 0.38 0.00	70.25 0.28 0.00	72.13 0.14 0.00	79.49 0.40 0.00	75.31 0.30 0.00	73.07 0.65 0.00	67.45 0.34 0.00	67.27 0.40 0.00	68.45 0.48 0.00	65.43 0.78 0.00	69.41 0.62 0.00	76.21 0.53 0.00	67.93 0.20 0.00	61.38 -0.06 0.00	60.35 -0.18 0.00	57.06 -0.29 0.00	52.31 -0.37 0.00	50.44 -0.41 0.00
DANSKAMMER__1 23586	60.31 2.43 0.00	58.20 2.45 0.00	53.88 2.12 0.00	51.74 1.89 0.00	54.45 2.10 0.00	59.43 2.72 0.00	66.73 3.06 0.00	73.54 3.57 0.00	75.87 3.88 0.00	83.76 4.67 0.00	79.21 4.20 0.00	76.33 3.91 0.00	70.54 3.42 0.00	70.15 3.28 0.00	71.10 3.13 0.00	67.69 3.04 0.00	72.16 3.37 0.00	79.61 3.93 0.00	71.24 3.52 0.00	64.88 3.44 0.00	63.92 3.39 0.00	60.78 3.44 0.00	55.63 2.95 0.00	53.74 2.90 0.00
DANSKAMMER__2 23589	60.31 2.43 0.00	58.20 2.45 0.00	53.88 2.12 0.00	51.74 1.89 0.00	54.45 2.10 0.00	59.43 2.72 0.00	66.73 3.06 0.00	73.54 3.57 0.00	75.87 3.88 0.00	83.76 4.67 0.00	79.21 4.20 0.00	76.33 3.91 0.00	70.54 3.42 0.00	70.15 3.28 0.00	71.10 3.13 0.00	67.69 3.04 0.00	72.16 3.37 0.00	79.61 3.93 0.00	71.24 3.52 0.00	64.88 3.44 0.00	63.92 3.39 0.00	60.78 3.44 0.00	55.63 2.95 0.00	53.74 2.90 0.00
DANSKAMMER__3 23590	60.31 2.43 0.00	58.20 2.45 0.00	53.88 2.12 0.00	51.74 1.89 0.00	54.45 2.10 0.00	59.43 2.72 0.00	66.73 3.06 0.00	73.54 3.57 0.00	75.87 3.88 0.00	83.76 4.67 0.00	79.21 4.20 0.00	76.33 3.91 0.00	70.54 3.42 0.00	70.15 3.28 0.00	71.10 3.13 0.00	67.69 3.04 0.00	72.16 3.37 0.00	79.61 3.93 0.00	71.24 3.52 0.00	64.88 3.44 0.00	63.92 3.39 0.00	60.78 3.44 0.00	55.63 2.95 0.00	53.74 2.90 0.00

DANSKAMMER___4 23591	60.31 2.43 0.00	58.20 2.45 0.00	53.88 2.12 0.00	51.74 1.89 0.00	54.45 2.10 0.00	59.43 2.72 0.00	66.73 3.06 0.00	73.54 3.57 0.00	75.87 3.88 0.00	83.76 4.67 0.00	79.21 4.20 0.00	76.33 3.91 0.00	70.54 3.42 0.00	70.15 3.28 0.00	71.10 3.13 0.00	67.69 3.04 0.00	72.16 3.37 0.00	79.61 3.93 0.00	71.24 3.52 0.00	64.88 3.44 0.00	63.92 3.39 0.00	60.78 3.44 0.00	55.63 2.95 0.00	53.74 2.90 0.00
DANSKAMMER___DIESEL 23592	60.31 2.43 0.00	58.21 2.45 0.00	53.83 2.07 0.00	51.74 1.89 0.00	54.45 2.09 0.00	59.32 2.61 0.00	66.66 2.99 0.00	73.54 3.57 0.00	75.88 3.89 0.00	83.76 4.67 0.00	79.21 4.20 0.00	76.40 3.98 0.00	70.61 3.49 0.00	70.21 3.34 0.00	71.37 3.40 0.00	67.89 3.23 0.00	72.44 3.65 0.00	79.84 4.16 0.00	71.38 3.66 0.00	64.89 3.44 0.00	63.93 3.39 0.00	60.78 3.44 0.00	55.58 2.90 0.00	53.54 2.69 0.00
DARBY___SOLAR 323810	60.42 2.54 0.00	58.32 2.57 0.00	53.99 2.22 0.00	52.04 2.19 0.00	54.66 2.30 0.00	59.48 2.78 0.00	66.79 3.12 0.00	73.33 3.36 0.00	75.80 3.81 0.00	83.05 3.95 0.00	78.98 3.97 0.00	76.11 3.69 0.00	70.40 3.29 0.00	69.95 3.08 0.00	71.03 3.06 0.00	67.50 2.84 0.00	71.96 3.17 0.00	79.46 3.78 0.00	70.97 3.25 0.00	64.27 2.83 0.00	63.32 2.79 0.00	60.04 2.70 0.00	55.10 2.42 0.00	53.19 2.34 0.00
DASHVILLE___HYD 23610	59.84 1.97 0.00	57.71 1.95 0.00	53.42 1.66 0.00	51.34 1.50 0.00	54.03 1.68 0.00	58.80 2.10 0.00	66.09 2.42 0.00	72.91 2.94 0.00	75.23 3.24 0.00	83.05 3.95 0.00	78.46 3.45 0.00	75.61 3.19 0.00	69.80 2.68 0.00	69.48 2.61 0.00	70.62 2.65 0.00	67.24 2.59 0.00	71.75 2.96 0.00	79.16 3.48 0.00	70.77 3.05 0.00	64.27 2.83 0.00	63.38 2.85 0.00	60.21 2.87 0.00	55.05 2.37 0.00	53.03 2.19 0.00
DELAWARE___LFGE 323621	59.03 1.16 0.00	56.81 1.06 0.00	52.69 0.93 0.00	50.75 0.90 0.00	53.35 0.99 0.00	57.90 1.19 0.00	65.07 1.40 0.00	71.72 1.75 0.00	73.86 1.87 0.00	81.39 2.29 0.00	77.03 2.03 0.00	74.37 1.96 0.00	68.73 1.61 0.00	68.41 1.54 0.00	69.67 1.70 0.00	66.21 1.55 0.00	70.51 1.72 0.00	77.64 1.97 0.00	69.35 1.63 0.00	62.86 1.41 0.00	61.93 1.39 0.00	58.66 1.32 0.00	53.79 1.11 0.00	51.92 1.07 0.00
DERFIELD_115KV_TB7 355931	57.99 0.12 0.00	55.92 0.17 0.00	51.86 0.10 0.00	49.95 0.10 0.00	52.46 0.10 0.00	56.88 0.17 0.00	63.86 0.19 0.00	70.18 0.21 0.00	72.20 0.22 0.00	79.41 0.32 0.00	75.31 0.30 0.00	72.64 0.22 0.00	67.32 0.20 0.00	67.07 0.20 0.00	68.17 0.20 0.00	64.85 0.19 0.00	69.00 0.21 0.00	75.90 0.23 0.00	67.86 0.14 0.00	61.57 0.12 0.00	60.66 0.12 0.00	57.51 0.17 0.00	52.78 0.11 0.00	50.95 0.10 0.00
DOGLEVILLE___HYD 23807	61.75 3.88 0.00	59.49 3.74 0.00	55.28 3.52 0.00	53.24 3.39 0.00	55.87 3.51 0.00	60.51 3.80 0.00	67.81 4.14 0.00	74.24 4.27 0.00	76.31 4.32 0.00	83.84 4.75 0.00	79.43 4.43 0.00	76.91 4.49 0.00	71.28 4.16 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	72.92 4.13 0.00	80.07 4.39 0.00	71.45 3.72 0.00	64.70 3.26 0.00	63.62 3.09 0.00	60.44 3.10 0.00	55.37 2.69 0.00	53.44 2.59 0.00
DUNKIRK___115KV_TB_200 55889	54.00 -3.88 0.00	51.35 -4.40 0.00	48.24 -3.52 0.00	46.81 -3.04 0.00	48.75 -3.61 0.00	51.32 -5.39 0.00	57.11 -6.56 0.00	63.12 -6.86 0.00	63.71 -8.28 0.00	69.29 -9.81 0.00	57.87 -10.20 6.94	57.37 -9.49 5.57	55.88 -8.93 2.31	53.61 -9.03 4.23	59.58 -8.22 0.16	48.50 -8.86 7.29	56.00 -8.26 4.54	58.17 -8.55 8.95	55.91 -7.99 3.82	49.79 -7.74 3.92	47.61 -7.57 5.35	45.46 -7.17 4.72	46.46 -6.22 0.00	46.02 -4.83 0.00
DUNKIRK___1 23563	54.00 -3.88 0.00	51.35 -4.40 0.00	48.24 -3.52 0.00	46.81 -3.04 0.00	48.75 -3.61 0.00	51.32 -5.39 0.00	57.11 -6.56 0.00	63.12 -6.86 0.00	63.71 -8.28 0.00	69.29 -9.81 0.00	57.87 -10.20 6.94	57.37 -9.49 5.57	55.88 -8.93 2.31	53.61 -9.03 4.23	59.58 -8.22 0.16	48.50 -8.86 7.29	56.00 -8.26 4.54	58.17 -8.55 8.95	55.91 -7.99 3.82	49.79 -7.74 3.92	47.61 -7.57 5.35	45.46 -7.17 4.72	46.46 -6.22 0.00	46.02 -4.83 0.00
DUNKIRK___2 23564	54.00 -3.88 0.00	51.35 -4.40 0.00	48.24 -3.52 0.00	46.81 -3.04 0.00	48.75 -3.61 0.00	51.32 -5.39 0.00	57.11 -6.56 0.00	63.12 -6.86 0.00	63.71 -8.28 0.00	69.29 -9.81 0.00	57.87 -10.20 6.94	57.37 -9.49 5.57	55.88 -8.93 2.31	53.61 -9.03 4.23	59.58 -8.22 0.16	48.50 -8.86 7.29	56.00 -8.26 4.54	58.17 -8.55 8.95	55.91 -7.99 3.82	49.79 -7.74 3.92	47.61 -7.57 5.35	45.46 -7.17 4.72	46.46 -6.22 0.00	46.02 -4.83 0.00
DUNKIRK___3 23565	53.94 -3.94 0.00	51.35 -4.40 0.00	48.24 -3.52 0.00	46.81 -3.04 0.00	48.69 -3.67 0.00	51.26 -5.44 0.00	56.92 -6.75 0.00	62.91 -7.07 0.00	63.49 -8.49 0.00	69.13 -9.97 7.43	57.38 -10.20 7.43	56.98 -9.49 5.96	55.72 -8.93 2.47	53.38 -8.96 4.53	59.57 -8.22 0.17	48.12 -8.73 7.80	55.68 -8.26 4.85	57.40 -8.70 9.58	55.58 -8.06 4.09	49.43 -7.74 4.28	47.19 -7.51 5.84	45.14 -7.05 5.15	46.57 -6.11 0.00	46.17 -4.68 0.00
DUNKIRK___4 23566	53.94 -3.94 0.00	51.35 -4.40 0.00	48.24 -3.52 0.00	46.81 -3.04 0.00	48.69 -3.67 0.00	51.26 -5.44 0.00	56.92 -6.75 0.00	62.91 -7.07 0.00	63.49 -8.49 0.00	69.13 -9.97 7.43	57.38 -10.20 7.43	56.98 -9.49 5.96	55.72 -8.93 2.47	53.38 -8.96 4.53	59.57 -8.22 0.17	48.12 -8.73 7.80	55.68 -8.26 4.85	57.40 -8.70 9.58	55.58 -8.06 4.09	49.43 -7.74 4.28	47.19 -7.51 5.84	45.14 -7.05 5.15	46.57 -6.11 0.00	46.17 -4.68 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	59.96 2.08 0.00	57.87 2.12 0.00	53.52 1.76 0.00	51.39 1.55 0.00	54.14 1.78 0.00	59.09 2.38 0.00	66.60 2.93 0.00	73.68 3.71 0.00	75.95 3.96 0.00	83.84 4.75 0.00	79.36 4.35 0.00	76.55 4.13 0.00	70.87 3.76 0.00	70.48 3.61 0.00	71.64 3.67 0.00	68.08 3.43 0.00	72.64 3.85 0.00	79.99 4.31 0.00	71.51 3.79 0.00	65.01 3.56 0.00	64.11 3.57 0.00	61.07 3.73 0.00	55.79 3.11 0.00	53.70 2.85 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	59.79 1.91 0.00	57.71 1.95 0.00	53.37 1.60 0.00	51.29 1.45 0.00	53.98 1.62 0.00	58.80 2.10 0.00	66.09 2.42 0.00	72.98 3.01 0.00	75.30 3.31 0.00	83.05 3.95 0.00	78.53 3.53 0.00	75.75 3.33 0.00	70.07 2.95 0.00	69.68 2.81 0.00	70.83 2.85 0.00	67.37 2.72 0.00	71.89 3.10 0.00	79.23 3.56 0.00	70.84 3.12 0.00	64.39 2.95 0.00	63.44 2.91 0.00	60.32 2.98 0.00	55.21 2.53 0.00	53.14 2.29 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	60.31 2.43 0.00	58.32 2.56 0.00	53.88 2.12 0.00	51.59 1.74 0.00	54.45 2.09 0.00	59.15 2.44 0.00	66.66 2.99 0.00	73.40 3.43 0.00	75.80 3.82 0.00	83.68 4.59 0.00	79.36 4.35 0.00	76.69 4.27 0.00	71.14 4.03 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.39 3.75 0.02	72.99 4.20 0.00	80.22 4.54 0.00	71.72 4.00 0.00	65.36 3.93 0.02	64.41 3.87 0.00	61.46 4.13 0.02	56.14 3.48 0.02	54.05 3.20 0.00

E179THST_13_KV_LOAD 356214	60.54 2.66 0.00	58.54 2.79 0.00	54.09 2.33 0.00	51.74 1.89 0.00	54.66 2.30 0.00	59.37 2.67 0.00	66.92 3.25 0.00	73.75 3.78 0.00	76.16 4.18 0.00	84.08 4.98 0.00	79.73 4.73 0.00	77.06 4.63 0.00	71.48 4.36 0.00	71.08 4.21 0.00	72.25 4.28 0.00	68.71 4.07 0.02	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.67 4.24 0.02	64.71 4.18 0.00	61.74 4.42 0.02	56.40 3.74 0.02	54.25 3.41 0.00
EAST HAMPTON___GT 23717	62.57 4.69 -0.01	60.22 4.46 0.00	55.38 3.62 0.00	53.24 3.39 0.00	56.39 4.03 0.00	62.50 5.79 -0.01	70.56 6.88 -0.01	77.89 7.90 -0.01	80.20 8.20 -0.01	88.75 9.65 -0.01	98.69 7.95 -15.73	98.46 7.39 -18.65	96.12 6.78 -22.23	96.48 6.42 -23.19	96.77 6.94 -21.87	96.03 6.66 -24.72	108.45 6.67 -32.98	99.87 6.66 -17.53	92.77 5.96 -19.08	92.88 6.03 -25.41	89.92 6.11 -23.27	68.70 6.02 -5.34	57.95 5.27 -0.01	56.40 5.54 -0.01
EAST RIVER___6 23660	59.96 2.08 0.00	57.87 2.12 0.00	53.52 1.76 0.00	51.34 1.49 0.00	54.14 1.78 0.00	59.32 2.61 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.31 4.32 0.00	84.23 5.14 0.00	79.66 4.65 0.00	76.77 4.34 0.00	71.07 3.96 0.00	70.68 3.81 0.00	71.64 3.67 0.00	68.08 3.42 0.00	72.57 3.78 0.00	79.91 4.24 0.00	71.44 3.72 0.00	65.26 3.81 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.05 3.37 0.00	54.15 3.30 0.00
EAST RIVER___7 23524	59.96 2.08 0.00	57.87 2.12 0.00	53.52 1.76 0.00	51.34 1.49 0.00	54.14 1.78 0.00	59.32 2.61 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.31 4.32 0.00	84.23 5.14 0.00	79.66 4.65 0.00	76.77 4.34 0.00	71.07 3.96 0.00	70.68 3.81 0.00	71.64 3.67 0.00	68.08 3.42 0.00	72.57 3.78 0.00	79.91 4.24 0.00	71.44 3.72 0.00	65.26 3.81 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.05 3.37 0.00	54.15 3.30 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	59.90 2.03 0.00	57.82 2.06 0.00	53.47 1.71 0.00	51.34 1.50 0.00	54.09 1.73 0.00	58.97 2.27 0.00	66.47 2.80 0.00	73.47 3.50 0.00	75.80 3.82 0.00	83.60 4.51 0.00	79.13 4.13 0.00	76.33 3.91 0.00	70.67 3.56 0.00	70.28 3.41 0.00	71.44 3.47 0.00	67.89 3.23 0.00	72.44 3.65 0.00	79.76 4.09 0.00	71.31 3.59 0.00	64.83 3.38 0.00	63.93 3.39 0.00	60.90 3.56 0.00	55.68 3.00 0.00	53.54 2.69 0.00
EAST_HAMPTON___DIESEL 23722	62.52 4.63 -0.01	60.16 4.40 0.00	55.33 3.57 0.00	53.14 3.29 0.00	56.33 3.98 0.00	62.50 5.79 -0.01	70.50 6.82 -0.01	77.82 7.84 -0.01	80.13 8.13 -0.01	88.67 9.57 -0.01	98.61 7.87 -15.73	98.38 7.31 -18.65	96.05 6.71 -22.23	96.41 6.36 -23.19	96.70 6.86 -21.87	95.97 6.60 -24.72	108.38 6.60 -32.98	99.79 6.58 -17.53	92.69 5.89 -19.08	92.76 5.90 -25.41	89.86 6.05 -23.27	68.65 5.96 -5.34	57.90 5.22 -0.01	56.30 5.44 -0.01
EAST_POINT___SOLAR 323840	60.54 2.66 0.00	58.37 2.62 0.00	53.99 2.22 0.00	52.19 2.34 0.00	54.77 2.41 0.00	59.82 3.12 0.00	67.49 3.82 0.00	73.96 3.99 0.00	76.31 4.32 0.00	83.36 4.27 0.00	79.13 4.12 0.00	76.33 3.91 0.00	70.27 3.16 0.00	69.95 3.08 0.00	71.23 3.26 0.00	67.95 3.30 0.00	72.64 3.85 0.00	80.52 4.85 0.00	71.92 4.20 0.00	64.76 3.32 0.00	63.80 3.27 0.00	60.44 3.09 0.00	55.21 2.53 0.00	53.14 2.29 0.00
EAST_PULASKI___ESR 323781	56.89 -0.98 0.00	54.69 -1.06 0.00	50.83 -0.93 0.00	49.00 -0.85 0.00	51.42 -0.94 0.00	55.63 -1.08 0.00	62.53 -1.14 0.00	68.78 -1.19 0.00	70.62 -1.37 0.00	77.75 -1.35 0.00	73.81 -1.20 0.00	71.56 -0.87 0.00	66.11 -1.00 0.00	66.00 -0.87 0.00	67.08 -0.89 0.00	64.01 -0.65 0.00	68.04 -0.76 0.00	74.77 -0.90 0.00	66.64 -1.09 0.00	60.28 -1.17 0.00	59.38 -1.15 0.00	56.20 -1.15 0.00	51.63 -1.05 0.00	49.78 -1.07 0.00
EAST_RIVER___1 323558	60.13 2.25 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.49 1.64 0.00	54.30 1.94 0.00	59.48 2.78 0.00	66.92 3.25 0.00	73.89 3.92 0.00	76.31 4.32 0.00	84.16 5.07 0.00	79.58 4.58 0.00	76.69 4.27 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.57 3.60 0.00	68.08 3.42 0.00	72.50 3.71 0.00	79.91 4.24 0.00	71.44 3.72 0.00	65.26 3.81 0.00	64.35 3.82 0.00	61.41 4.07 0.00	56.16 3.48 0.00	54.25 3.41 0.00
EAST_RIVER___2 323559	59.96 2.08 0.00	57.87 2.12 0.00	53.52 1.76 0.00	51.34 1.49 0.00	54.14 1.78 0.00	59.32 2.61 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.31 4.32 0.00	84.23 5.14 0.00	79.66 4.65 0.00	76.77 4.34 0.00	71.07 3.96 0.00	70.68 3.81 0.00	71.64 3.67 0.00	68.08 3.42 0.00	72.57 3.78 0.00	79.91 4.24 0.00	71.44 3.72 0.00	65.26 3.81 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.05 3.37 0.00	54.15 3.30 0.00
EAST___DELAWARE_HYD 23607	60.60 2.72 0.00	58.43 2.68 0.00	54.09 2.33 0.00	51.99 2.14 0.00	54.72 2.36 0.00	59.60 2.89 0.00	66.85 3.18 0.00	73.68 3.71 0.00	76.02 4.03 0.00	84.00 4.91 0.00	79.36 4.35 0.00	76.47 4.05 0.00	70.54 3.42 0.00	70.15 3.28 0.00	71.17 3.20 0.00	67.82 3.17 0.00	72.37 3.57 0.00	79.91 4.24 0.00	71.51 3.79 0.00	65.07 3.62 0.00	64.05 3.51 0.00	60.78 3.44 0.00	55.57 2.90 0.00	53.69 2.85 0.00
EIGHT_POINT___WT_PWR 323820	56.49 -1.39 0.00	53.92 -1.84 0.00	50.37 -1.40 0.00	48.70 -1.14 0.00	50.79 -1.57 0.00	53.70 -3.01 0.00	60.11 -3.56 0.00	66.12 -3.85 0.00	67.23 -4.75 0.00	73.80 -5.30 0.00	96.86 -5.55 -27.40	89.27 -5.14 -21.99	71.42 -4.83 -9.14	78.52 -5.08 -16.73	63.92 -4.69 -0.64	88.52 -4.98 -28.84	81.63 -5.09 -17.92	105.72 -5.30 -35.34	78.28 -4.54 -15.09	71.36 -4.48 -14.39	75.26 -4.96 -19.68	70.09 -4.59 -17.34	48.78 -3.90 0.00	47.34 -3.51 0.00
ELBRIDGE_115KV_TB2 80188	56.49 -1.39 0.00	54.30 -1.45 0.00	50.52 -1.24 0.00	48.70 -1.15 0.00	51.05 -1.31 0.00	55.18 -1.53 0.00	61.89 -1.78 0.00	68.15 -1.82 0.00	70.04 -1.94 0.00	77.04 -2.06 0.00	73.13 -1.88 0.00	70.76 -1.67 0.00	65.44 -1.68 0.00	65.27 -1.60 0.00	66.34 -1.63 0.00	63.17 -1.49 0.00	67.35 -1.44 0.00	74.16 -1.51 0.00	66.16 -1.56 0.00	59.97 -1.47 0.00	59.08 -1.45 0.00	55.85 -1.49 0.00	51.36 -1.32 0.00	49.68 -1.17 0.00
ELEC_TRO_TEK 24086	61.12 3.24 0.00	58.82 3.07 0.00	54.04 2.28 0.00	51.94 2.09 0.00	54.82 2.46 0.00	60.17 3.46 0.00	67.75 4.08 0.00	74.87 4.90 0.00	77.17 5.18 0.00	85.11 6.01 0.00	95.92 5.18 -15.73	95.92 4.85 -18.65	93.84 4.50 -22.23	94.40 4.35 -23.19	94.25 4.42 -21.87	93.51 4.14 -24.72	106.45 4.68 -32.98	98.43 5.22 -17.53	91.34 4.54 -19.08	91.16 4.30 -25.41	88.11 4.30 -23.27	67.10 4.42 -5.34	56.74 4.06 0.00	54.61 3.76 0.00
ELLENBURG_WT_PWR 323604	59.15 1.27 0.00	57.04 1.28 0.00	53.06 1.29 0.00	51.14 1.29 0.00	53.77 1.41 0.00	58.07 1.36 0.00	65.39 1.72 0.00	71.51 1.54 0.00	73.64 1.66 0.00	80.68 1.58 0.00	76.51 1.50 0.00	73.94 1.52 0.00	68.66 1.54 0.00	68.34 1.47 0.00	69.53 1.56 0.00	65.95 1.29 0.00	70.03 1.24 0.00	76.74 1.06 0.00	69.01 1.28 0.00	62.55 1.11 0.00	61.56 1.03 0.00	58.09 0.74 0.00	53.47 0.79 0.00	51.46 0.61 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	53.36 -4.51 0.00	50.85 -4.91 0.00	47.88 -3.88 0.00	46.46 -3.39 0.00	48.27 -4.08 0.00	50.53 -6.18 0.00	55.52 -8.15 0.00	61.37 -8.61 0.00	62.05 -9.93 0.00	67.86 -11.23 0.00	55.03 -11.10 8.88	54.94 -10.36 7.12	54.63 -9.53 2.95	52.09 -9.36 5.42	58.72 -9.04 0.21	46.48 -8.86 9.32	54.25 -8.74 5.81	54.91 -9.31 11.46	54.10 -8.74 4.89	48.65 -8.17 4.62	46.36 -7.87 6.31	44.56 -7.23 5.55	46.36 -6.32 0.00	46.02 -4.83 0.00
EMPIRE_CC_1 323656	59.32 1.45 0.00	57.26 1.51 0.00	53.06 1.29 0.00	51.04 1.19 0.00	53.67 1.31 0.00	58.35 1.65 0.00	65.26 1.59 0.00	71.45 1.47 0.00	73.57 1.58 0.00	80.44 1.34 0.00	76.59 1.58 0.00	73.79 1.37 0.00	68.53 1.41 0.00	68.21 1.34 0.00	69.26 1.29 0.00	65.88 1.23 0.00	70.10 1.30 0.00	77.19 1.51 0.00	69.08 1.35 0.00	62.80 1.35 0.00	61.87 1.33 0.00	58.78 1.43 0.00	54.21 1.53 0.00	52.32 1.48 0.00
EMPIRE_CC_2 323658	59.32 1.45 0.00	57.26 1.51 0.00	53.06 1.29 0.00	51.04 1.19 0.00	53.67 1.31 0.00	58.35 1.65 0.00	65.26 1.59 0.00	71.45 1.47 0.00	73.57 1.58 0.00	80.44 1.34 0.00	76.59 1.58 0.00	73.79 1.37 0.00	68.53 1.41 0.00	68.21 1.34 0.00	69.26 1.29 0.00	65.88 1.23 0.00	70.10 1.30 0.00	77.19 1.51 0.00	69.08 1.35 0.00	62.80 1.35 0.00	61.87 1.33 0.00	58.78 1.43 0.00	54.21 1.53 0.00	52.32 1.48 0.00
ENORWICH_115KV_TB1 80156	61.35 3.47 0.00	58.76 3.01 0.00	54.71 2.95 0.00	52.69 2.84 0.00	55.34 2.98 0.00	59.88 3.18 0.00	67.49 3.82 0.00	74.45 4.48 0.00	76.38 4.39 0.00	84.24 5.14 0.00	81.08 4.65 -1.42	78.12 4.56 -1.14	71.28 3.69 -0.48	71.62 3.88 -0.87	72.49 4.49 -0.03	70.29 4.14 -1.50	74.47 4.75 -0.93	82.96 5.45 -1.83	72.91 4.40 -0.78	65.69 3.50 -0.74	64.82 3.27 -1.02	60.65 2.41 -0.90	54.58 1.90 0.00	52.83 1.98 0.00
ERIE_ST__34_KV_TB1-2 80199	54.58 -3.30 0.00	52.02 -3.74 0.00	48.91 -2.85 0.00	47.46 -2.39 0.00	49.37 -2.98 0.00	51.72 -4.99 0.00	57.05 -6.62 0.00	62.98 -7.00 0.00	63.64 -8.35 0.00	69.52 -9.57 0.00	57.86 -10.05 7.09	57.39 -9.34 5.69	56.03 -8.72 2.36	53.71 -8.83 4.33	60.19 -7.61 0.17	48.44 -8.73 7.48	55.42 -8.74 4.64	57.14 -9.38 9.15	55.15 -8.67 3.91	49.68 -8.05 3.72	47.75 -7.69 5.10	46.26 -6.59 4.49	47.25 -5.43 0.00	46.98 -3.86 0.00
ERIE_WT_PWR 323693	53.88 -3.99 0.00	51.29 -4.46 0.00	48.14 -3.62 0.00	46.86 -2.99 0.00	48.69 -3.67 0.00	50.36 -6.35 0.00	55.84 -7.83 0.00	61.93 -8.04 0.00	62.56 -9.43 0.00	68.50 -10.60 0.00	56.19 -10.80 8.02	55.99 -9.99 6.43	55.65 -9.03 2.67	52.95 -8.36 4.90	59.42 -8.46 0.19	47.55 -8.66 8.44	54.81 -8.74 5.24	56.02 -9.31 10.34	55.52 -7.79 4.41	49.87 -7.38 4.20	46.98 -7.81 5.75	45.23 -7.06 5.06	46.57 -6.11 0.00	45.36 -5.49 0.00
ESPRGFLD_115KV_TB1 80157	58.57 0.69 0.00	56.42 0.67 0.00	52.28 0.52 0.00	50.45 0.60 0.00	52.99 0.63 0.00	57.67 0.96 0.00	65.07 1.40 0.00	71.65 1.68 0.00	73.79 1.80 0.00	81.15 2.06 0.00	76.81 1.80 0.00	74.16 1.74 0.00	68.32 1.21 0.00	68.01 1.14 0.00	69.33 1.36 0.00	66.01 1.36 0.00	70.51 1.72 0.00	77.87 2.19 0.00	69.41 1.69 0.00	62.61 1.17 0.00	61.69 1.15 0.00	58.38 1.03 0.00	53.36 0.68 0.00	51.46 0.61 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	58.22 0.35 0.00	55.92 0.17 0.00	52.02 0.26 0.00	50.15 0.30 0.00	52.62 0.26 0.00	56.82 0.11 0.00	63.80 0.13 0.00	70.32 0.35 0.00	72.28 0.29 0.00	79.49 0.40 0.00	77.79 0.38 -2.40	74.79 0.43 -1.93	68.05 0.13 -0.80	68.61 0.27 -1.47	68.43 0.41 -0.06	67.58 0.39 -2.53	70.92 0.55 -1.57	79.61 0.83 -3.10	69.52 0.47 -1.32	62.95 0.25 -1.26	62.50 0.24 -1.73	58.92 0.06 -1.52	52.73 0.05 0.00	51.10 0.25 0.00
ETNA____115KV_TB2 80207	58.22 0.35 0.00	55.92 0.17 0.00	52.02 0.26 0.00	50.15 0.30 0.00	52.62 0.26 0.00	56.82 0.11 0.00	63.80 0.13 0.00	70.32 0.35 0.00	72.28 0.29 0.00	79.49 0.40 0.00	77.79 0.38 -2.40	74.79 0.43 -1.93	68.05 0.13 -0.80	68.61 0.27 -1.47	68.43 0.41 -0.06	67.58 0.39 -2.53	70.92 0.55 -1.57	79.61 0.83 -3.10	69.52 0.47 -1.32	62.95 0.25 -1.26	62.50 0.24 -1.73	58.92 0.06 -1.52	52.73 0.05 0.00	51.10 0.25 0.00
EUCLID__115KV_TB2 356179	56.08 -1.79 0.00	53.97 -1.78 0.00	50.16 -1.60 0.00	48.35 -1.50 0.00	50.73 -1.62 0.00	54.84 -1.87 0.00	61.51 -2.16 0.00	67.73 -2.24 0.00	69.61 -2.38 0.00	76.56 -2.53 0.00	72.68 -2.33 0.00	70.32 -2.10 0.00	65.03 -2.08 0.00	64.86 -2.01 0.00	65.93 -2.04 0.00	62.78 -1.87 0.00	66.93 -1.86 0.00	73.71 -1.97 0.00	65.83 -1.90 0.00	59.60 -1.84 0.00	58.72 -1.82 0.00	55.57 -1.78 0.00	51.05 -1.63 0.00	49.42 -1.42 0.00
E_CANADA_CAP_HY 24051	58.92 1.04 0.00	56.76 1.00 0.00	52.54 0.78 0.00	50.75 0.90 0.00	53.30 0.94 0.00	58.18 1.47 0.00	65.65 1.98 0.00	71.86 1.89 0.00	74.15 2.16 0.00	81.15 2.05 0.00	76.96 1.95 0.00	74.23 1.81 0.00	68.46 1.34 0.00	68.14 1.27 0.00	69.40 1.43 0.00	66.20 1.55 0.00	70.65 1.86 0.00	78.25 2.57 0.00	69.82 2.10 0.00	62.92 1.47 0.00	61.99 1.45 0.00	58.83 1.49 0.00	53.73 1.05 0.00	51.76 0.92 0.00
E_CANADA_MHWK_HY 24050	61.75 3.88 0.00	59.49 3.74 0.00	55.23 3.47 0.00	53.24 3.39 0.00	55.87 3.51 0.00	60.45 3.74 0.00	67.75 4.08 0.00	74.24 4.27 0.00	76.31 4.32 0.00	83.84 4.75 0.00	79.43 4.42 0.00	76.91 4.49 0.00	71.28 4.16 0.00	71.02 4.15 0.00	72.19 4.22 0.00	68.60 3.94 0.00	72.85 4.06 0.00	79.99 4.31 0.00	71.51 3.79 0.00	64.70 3.25 0.00	63.62 3.09 0.00	60.44 3.09 0.00	55.36 2.69 0.00	53.44 2.59 0.00
E_FISHKILL__LBMP 23776	59.73 1.85 0.00	57.59 1.84 0.00	53.31 1.55 0.00	51.24 1.40 0.00	53.93 1.57 0.00	58.80 2.10 0.00	66.16 2.48 0.00	73.05 3.08 0.00	75.37 3.38 0.00	83.05 3.95 0.00	78.53 3.53 0.00	75.68 3.26 0.00	70.07 2.95 0.00	69.75 2.88 0.00	70.89 2.92 0.00	67.37 2.72 0.00	71.89 3.10 0.00	79.16 3.48 0.00	70.77 3.05 0.00	64.33 2.89 0.00	63.44 2.91 0.00	60.44 3.10 0.00	55.31 2.63 0.00	53.24 2.39 0.00
FALCON__SEABRD_CC1 323796	60.02 2.14 0.00	57.82 2.06 0.00	53.83 2.07 0.00	51.89 2.04 0.00	54.56 2.20 0.00	58.86 2.15 0.00	66.35 2.67 0.00	72.56 2.59 0.00	74.79 2.80 0.00	81.86 2.77 0.00	77.63 2.62 0.00	75.02 2.60 0.00	69.67 2.55 0.00	69.35 2.48 0.00	70.62 2.65 0.00	66.92 2.26 0.00	71.06 2.27 0.00	77.87 2.20 0.00	70.03 2.30 0.00	63.41 1.97 0.00	62.47 1.94 0.00	58.83 1.49 0.00	54.15 1.47 0.00	52.12 1.27 0.00
FALCON__SEABRD_CC2 323797	60.02 2.14 0.00	57.82 2.06 0.00	53.83 2.07 0.00	51.89 2.04 0.00	54.56 2.20 0.00	58.86 2.15 0.00	66.35 2.67 0.00	72.56 2.59 0.00	74.79 2.80 0.00	81.86 2.77 0.00	77.63 2.62 0.00	75.02 2.60 0.00	69.67 2.55 0.00	69.35 2.48 0.00	70.62 2.65 0.00	66.92 2.26 0.00	71.06 2.27 0.00	77.87 2.20 0.00	70.03 2.30 0.00	63.41 1.97 0.00	62.47 1.94 0.00	58.83 1.49 0.00	54.15 1.47 0.00	52.12 1.27 0.00

FAR ROCKAWAY___4 23548	61.93 4.05 0.00	59.60 3.85 0.00	54.71 2.95 0.00	52.59 2.74 0.00	55.50 3.14 0.00	60.90 4.20 0.00	68.64 4.97 0.00	75.85 5.88 0.00	78.18 6.19 0.00	86.21 7.12 0.00	97.04 6.30 -15.73	97.15 6.08 -18.65	94.85 5.50 -22.23	95.47 5.42 -23.19	95.34 5.51 -21.87	94.48 5.11 -24.72	107.55 5.78 -32.98	99.64 6.43 -17.53	92.49 5.69 -19.08	92.14 5.28 -25.41	89.01 5.21 -23.27	68.02 5.33 -5.34	57.47 4.79 0.00	55.32 4.47 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	60.13 2.26 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.32 2.61 0.00	66.79 3.12 0.00	73.89 3.92 0.00	76.23 4.25 0.00	84.08 4.98 0.00	79.51 4.50 0.00	76.77 4.35 0.00	71.14 4.03 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.34 3.69 0.00	72.92 4.13 0.00	80.29 4.62 0.00	71.72 4.00 0.00	65.32 3.87 0.00	64.35 3.81 0.00	61.41 4.07 0.00	56.10 3.42 0.00	54.00 3.15 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	60.19 2.32 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.32 2.61 0.00	66.86 3.18 0.00	73.89 3.92 0.00	76.23 4.25 0.00	84.08 4.98 0.00	79.51 4.50 0.00	76.77 4.35 0.00	71.14 4.03 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.34 3.69 0.00	72.99 4.20 0.00	80.29 4.62 0.00	71.78 4.06 0.00	65.32 3.87 0.00	64.41 3.87 0.00	61.47 4.13 0.00	56.16 3.48 0.00	54.00 3.15 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	60.13 2.26 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.49 1.65 0.00	54.29 1.94 0.00	59.26 2.55 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.23 4.25 0.00	84.00 4.90 0.00	79.51 4.50 0.00	76.69 4.27 0.00	71.08 3.96 0.00	70.68 3.81 0.00	71.84 3.87 0.00	68.27 3.62 0.00	72.92 4.13 0.00	80.22 4.54 0.00	71.72 4.00 0.00	65.26 3.81 0.00	64.35 3.81 0.00	61.41 4.07 0.00	56.10 3.42 0.00	53.95 3.10 0.00
FARRAGUT___LBMP 323566	60.07 2.20 0.00	57.98 2.23 0.00	53.62 1.86 0.00	51.49 1.65 0.00	54.24 1.88 0.00	59.26 2.55 0.00	66.73 3.06 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.00 4.90 0.00	79.43 4.43 0.00	76.62 4.20 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.21 3.56 0.00	72.85 4.06 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.19 3.75 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.05 3.37 0.00	53.95 3.10 0.00
FENNER___WINDPWR 24204	58.63 0.75 0.00	56.37 0.61 0.00	52.38 0.62 0.00	50.50 0.65 0.00	53.04 0.68 0.00	57.39 0.68 0.00	64.56 0.89 0.00	71.09 1.12 0.00	73.07 1.08 0.00	80.44 1.34 0.00	76.28 1.27 0.00	73.73 1.30 0.00	68.19 1.07 0.00	67.94 1.07 0.00	69.12 1.15 0.00	65.82 1.16 0.00	69.96 1.17 0.00	76.96 1.29 0.00	68.74 1.02 0.00	62.19 0.74 0.00	61.20 0.67 0.00	57.86 0.51 0.00	53.05 0.37 0.00	51.25 0.40 0.00
FIBERTEK___ENERGY 23856	56.83 -1.04 0.00	54.64 -1.12 0.00	50.83 -0.93 0.00	48.95 -0.90 0.00	51.36 -0.99 0.00	55.52 -1.19 0.00	62.34 -1.34 0.00	68.64 -1.33 0.00	70.55 -1.44 0.00	77.67 -1.42 0.00	73.73 -1.28 0.00	71.33 -1.09 0.00	65.97 -1.14 0.00	65.80 -1.07 0.00	66.88 -1.09 0.00	63.68 -0.97 0.00	67.90 -0.89 0.00	74.77 -0.91 0.00	66.71 -1.02 0.00	60.40 -1.04 0.00	59.51 -1.03 0.00	56.25 -1.09 0.00	51.73 -0.95 0.00	50.03 -0.81 0.00
FITZPATRICK___ 23598	55.39 -2.49 0.00	53.30 -2.45 0.00	49.54 -2.22 0.00	47.76 -2.09 0.00	50.11 -2.25 0.00	54.10 -2.61 0.00	60.74 -2.93 0.00	66.90 -3.08 0.00	68.68 -3.31 0.00	75.54 -3.56 0.00	71.71 -3.30 0.00	69.31 -3.11 0.00	64.16 -2.95 0.00	64.00 -2.87 0.00	65.05 -2.92 0.00	62.00 -2.65 0.00	65.97 -2.82 0.00	72.73 -2.95 0.00	64.88 -2.84 0.00	58.81 -2.64 0.00	57.93 -2.60 0.00	54.88 -2.46 0.00	50.42 -2.26 0.00	48.66 -2.18 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	60.42 2.55 0.00	58.32 2.56 0.00	53.99 2.23 0.00	51.84 1.99 0.00	54.56 2.20 0.00	59.43 2.72 0.00	66.79 3.12 0.00	73.68 3.71 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.43 4.43 0.00	76.62 4.20 0.00	70.74 3.62 0.00	70.35 3.48 0.00	71.50 3.53 0.00	68.02 3.36 0.00	72.58 3.78 0.00	79.99 4.31 0.00	71.51 3.79 0.00	65.01 3.56 0.00	64.05 3.51 0.00	60.90 3.56 0.00	55.68 3.00 0.00	53.64 2.80 0.00
FORT ORANGE___ 23900	59.32 1.45 0.00	57.20 1.45 0.00	53.00 1.24 0.00	51.04 1.19 0.00	53.61 1.25 0.00	58.35 1.65 0.00	65.32 1.65 0.00	71.02 1.05 0.00	73.21 1.22 0.00	80.20 1.11 0.00	76.28 1.27 0.00	73.51 1.09 0.00	68.19 1.07 0.00	67.87 1.00 0.00	68.92 0.95 0.00	65.62 0.97 0.00	69.89 1.10 0.00	76.96 1.29 0.00	68.87 1.15 0.00	63.04 1.59 0.00	62.11 1.57 0.00	58.95 1.60 0.00	54.26 1.58 0.00	52.37 1.52 0.00
FORT_DRUM_COGEN 23780	59.44 1.56 0.00	57.04 1.28 0.00	53.00 1.24 0.00	51.09 1.25 0.00	53.72 1.36 0.00	58.35 1.64 0.00	66.03 2.36 0.00	72.28 2.31 0.00	74.15 2.16 0.00	81.78 2.69 0.00	77.33 2.33 0.00	75.10 2.68 0.00	69.13 2.01 0.00	68.94 2.07 0.00	70.21 2.24 0.00	67.18 2.52 0.00	71.27 2.48 0.00	78.02 2.35 0.00	69.62 1.90 0.00	62.86 1.41 0.00	61.81 1.27 0.00	58.26 0.92 0.00	53.31 0.63 0.00	51.41 0.56 0.00
FOX_HILLS___ESR 323835	60.19 2.32 0.00	58.32 2.56 0.00	53.88 2.12 0.00	51.59 1.74 0.00	54.45 2.09 0.00	59.15 2.44 0.00	66.73 3.06 0.00	73.54 3.57 0.00	75.88 3.89 0.00	83.92 4.82 0.00	79.58 4.58 0.00	76.91 4.49 0.00	71.34 4.23 0.00	70.88 4.01 0.00	72.05 4.08 0.00	68.40 3.75 0.00	73.26 4.47 0.00	80.44 4.77 0.00	71.99 4.27 0.00	65.50 4.06 0.00	64.65 4.12 0.00	61.59 4.24 0.00	56.37 3.69 0.00	54.20 3.36 0.00
FPL_FAR_ROCK_GT1 24212	61.93 4.05 -0.01	59.60 3.84 0.00	54.81 3.05 0.00	52.59 2.74 0.00	55.50 3.14 0.00	61.08 4.37 -0.01	68.71 5.03 -0.01	75.86 5.88 -0.01	78.26 6.26 -0.01	86.30 7.20 -0.01	97.04 6.30 -15.73	97.08 6.01 -18.65	94.78 5.43 -22.23	95.34 5.28 -23.19	95.07 5.23 -21.87	94.28 4.91 -24.72	107.14 5.37 -32.98	99.34 6.13 -17.53	92.29 5.48 -19.08	92.14 5.29 -25.41	89.01 5.21 -23.27	68.02 5.33 -5.34	57.48 4.79 -0.01	55.53 4.68 -0.01
FPL_FAR_ROCK_GT2 23815	61.93 4.05 -0.01	59.60 3.84 0.00	54.81 3.05 0.00	52.59 2.74 0.00	55.50 3.14 0.00	61.08 4.37 -0.01	68.71 5.03 -0.01	75.86 5.88 -0.01	78.26 6.26 -0.01	86.30 7.20 -0.01	97.04 6.30 -15.73	97.08 6.01 -18.65	94.78 5.43 -22.23	95.34 5.28 -23.19	95.07 5.23 -21.87	94.28 4.91 -24.72	107.14 5.37 -32.98	99.34 6.13 -17.53	92.29 5.48 -19.08	92.14 5.29 -25.41	89.01 5.21 -23.27	68.02 5.33 -5.34	57.48 4.79 -0.01	55.53 4.68 -0.01
FRANKLIN_FALL_HYD 24054	60.31 2.43 0.00	58.10 2.34 0.00	54.14 2.38 0.00	52.14 2.29 0.00	54.87 2.51 0.00	59.15 2.44 0.00	66.86 3.18 0.00	72.98 3.01 0.00	75.37 3.38 0.00	82.34 3.24 0.00	78.16 3.15 0.00	75.61 3.19 0.00	70.20 3.09 0.00	69.88 3.01 0.00	70.89 2.92 0.00	67.30 2.65 0.00	70.99 2.20 0.00	78.10 2.42 0.00	70.23 2.51 0.00	63.66 2.21 0.00	62.71 2.18 0.00	59.06 1.72 0.00	54.47 1.79 0.00	52.42 1.58 0.00

FREEPORT_EQUS_GT1 23764	61.53 3.65 -0.01	59.21 3.46 0.00	54.45 2.69 0.00	52.24 2.39 0.00	55.13 2.77 0.00	60.74 4.03 -0.01	68.27 4.59 -0.01	75.44 5.46 -0.01	77.76 5.76 -0.01	85.75 6.64 -0.01	96.44 5.70 -15.73	96.43 5.36 -18.65	94.18 4.84 -22.23	94.74 4.68 -23.19	94.52 4.69 -21.87	93.83 4.46 -24.72	106.59 4.81 -32.98	98.73 5.52 -17.53	91.75 4.94 -19.08	91.71 4.85 -25.41	88.59 4.78 -23.27	67.61 4.93 -5.34	57.27 4.58 -0.01	55.33 4.48 -0.01
FREEPORT___CT2 23818	61.53 3.65 -0.01	59.21 3.46 0.00	54.45 2.69 0.00	52.24 2.39 0.00	55.13 2.77 0.00	60.74 4.03 -0.01	68.27 4.59 -0.01	75.44 5.46 -0.01	77.76 5.76 -0.01	85.75 6.64 -0.01	96.44 5.70 -15.73	96.43 5.36 -18.65	94.18 4.84 -22.23	94.74 4.68 -23.19	94.52 4.69 -21.87	93.83 4.46 -24.72	106.59 4.81 -32.98	98.73 5.52 -17.53	91.75 4.94 -19.08	91.71 4.85 -25.41	88.59 4.78 -23.27	67.61 4.93 -5.34	57.27 4.58 -0.01	55.33 4.48 -0.01
FRESHKLS_33_KV_LOAD 356253	59.96 2.08 0.00	58.26 2.51 0.00	53.88 2.12 0.00	51.54 1.69 0.00	54.40 2.04 0.00	58.97 2.27 0.00	62.80 2.87 3.74	63.60 3.29 9.67	63.60 3.67 12.06	63.62 4.59 20.06	63.69 4.43 15.75	76.69 4.27 0.00	71.14 4.03 0.00	70.68 3.81 0.00	71.84 3.87 0.00	68.26 3.62 0.02	73.06 4.27 0.00	80.29 4.62 0.00	71.78 4.06 0.00	65.36 3.93 0.02	64.53 4.00 0.00	61.59 4.24 0.00	56.37 3.69 0.00	54.20 3.36 0.00
FULTON COGEN____ 23766	56.02 -1.85 0.00	53.86 -1.90 0.00	50.10 -1.66 0.00	48.25 -1.60 0.00	50.63 -1.73 0.00	54.78 -1.93 0.00	61.44 -2.23 0.00	67.73 -2.24 0.00	69.61 -2.38 0.00	76.56 -2.53 0.00	72.76 -2.25 0.00	70.39 -2.03 0.00	65.10 -2.01 0.00	64.93 -1.94 0.00	66.00 -1.97 0.00	62.84 -1.81 0.00	67.00 -1.79 0.00	73.79 -1.89 0.00	65.83 -1.90 0.00	59.60 -1.84 0.00	58.72 -1.82 0.00	55.51 -1.83 0.00	50.99 -1.69 0.00	49.32 -1.53 0.00
FULTON___LFGE 323630	60.25 2.37 0.00	58.10 2.34 0.00	53.78 2.02 0.00	51.94 2.09 0.00	54.51 2.15 0.00	59.48 2.78 0.00	67.04 3.37 0.00	73.47 3.50 0.00	75.87 3.88 0.00	82.97 3.87 0.00	78.61 3.60 0.00	75.75 3.33 0.00	69.93 2.82 0.00	69.55 2.68 0.00	70.89 2.92 0.00	67.63 2.98 0.00	72.23 3.44 0.00	79.99 4.31 0.00	71.44 3.72 0.00	64.39 2.95 0.00	63.44 2.91 0.00	60.10 2.75 0.00	54.94 2.26 0.00	52.93 2.09 0.00
G.F.CEMENT___DRP 24184	60.77 2.89 0.00	58.65 2.90 0.00	54.25 2.48 0.00	52.39 2.54 0.00	54.98 2.62 0.00	59.88 3.18 0.00	67.37 3.69 0.00	73.96 3.99 0.00	76.52 4.54 0.00	84.08 4.98 0.00	79.96 4.95 0.00	77.06 4.63 0.00	71.08 3.96 0.00	70.48 3.61 0.00	71.64 3.67 0.00	67.95 3.30 0.00	72.51 3.71 0.00	80.22 4.54 0.00	71.58 4.54 0.00	64.58 3.13 0.00	63.68 3.15 0.00	60.38 3.04 0.00	55.37 2.69 0.00	53.39 2.54 0.00
GARDENVILLE___LBMP 24039	53.59 -4.28 0.00	51.07 -4.68 0.00	48.09 -3.68 0.00	46.61 -3.24 0.00	48.48 -3.87 0.00	50.75 -5.95 0.00	55.84 -7.83 0.00	61.72 -8.26 0.00	62.34 -9.65 0.00	68.18 -10.92 0.00	54.28 -10.88 9.85	54.38 -10.14 7.90	54.44 -9.40 3.28	51.63 -9.23 6.01	58.97 -8.77 0.23	45.51 -8.79 10.35	53.62 -8.74 6.44	53.66 -9.31 12.71	53.63 -8.67 5.42	48.27 -8.05 5.13	45.72 -7.81 7.00	44.07 -7.11 6.17	46.46 -6.22 0.00	46.12 -4.73 0.00
GARDNVLA_35_KV_LD 355827	54.00 -3.88 0.00	51.41 -4.35 0.00	48.40 -3.36 0.00	46.91 -2.94 0.00	48.80 -3.56 0.00	51.15 -5.56 0.00	56.22 -7.45 0.00	62.14 -7.84 0.00	62.85 -9.14 0.00	68.73 -10.36 0.00	56.75 -10.58 7.68	56.48 -9.78 6.17	55.50 -9.06 2.56	53.15 -9.03 4.69	59.43 -8.36 0.18	47.90 -8.66 8.09	55.24 -8.53 5.02	56.68 -9.08 9.91	55.03 -8.47 4.23	49.49 -7.93 4.03	47.33 -7.69 5.52	45.55 -6.94 4.86	46.78 -5.90 0.00	46.42 -4.42 0.00
GELCKHM___115KV_LOAD 80723	56.37 -1.50 0.00	54.25 -1.51 0.00	50.42 -1.35 0.00	48.60 -1.25 0.00	51.00 -1.36 0.00	55.12 -1.59 0.00	61.83 -1.85 0.00	68.08 -1.89 0.00	69.97 -2.02 0.00	77.04 -2.06 0.00	73.13 -1.88 0.00	70.76 -1.67 0.00	65.44 -1.68 0.00	65.27 -1.60 0.00	66.34 -1.63 0.00	63.10 -1.55 0.00	67.35 -1.44 0.00	74.16 -1.51 0.00	66.16 -1.56 0.00	59.91 -1.54 0.00	59.02 -1.51 0.00	55.85 -1.49 0.00	51.31 -1.37 0.00	49.63 -1.22 0.00
GENERAL___MILLS 23808	53.82 -4.05 0.00	51.29 -4.46 0.00	48.29 -3.47 0.00	46.81 -3.04 0.00	48.69 -3.67 0.00	50.98 -5.73 0.00	56.10 -7.58 0.00	62.00 -7.98 0.00	62.63 -9.36 0.00	68.50 -10.60 0.00	56.26 -10.73 8.02	55.99 -9.99 6.43	55.19 -9.26 2.67	52.81 -9.16 4.90	59.22 -8.56 0.19	47.42 -8.79 8.44	54.81 -8.74 5.24	56.02 -9.31 10.34	54.64 -8.67 4.41	49.20 -8.05 4.20	46.98 -7.81 5.75	45.23 -7.05 5.06	46.67 -6.01 0.00	46.32 -4.53 0.00
GE_PLASTICS___DRP 24183	59.21 1.33 0.00	57.09 1.34 0.00	52.90 1.14 0.00	50.95 1.10 0.00	53.51 1.15 0.00	58.12 1.42 0.00	65.20 1.53 0.00	71.16 1.19 0.00	73.36 1.37 0.00	80.52 1.42 0.00	76.43 1.43 0.00	73.65 1.23 0.00	68.32 1.21 0.00	68.01 1.14 0.00	69.13 1.16 0.00	65.75 1.10 0.00	70.03 1.24 0.00	76.89 1.21 0.00	68.94 1.22 0.00	62.67 1.23 0.00	61.75 1.21 0.00	58.66 1.32 0.00	53.94 1.26 0.00	52.02 1.17 0.00
GILBOA___1 23756	58.92 1.04 0.00	56.81 1.06 0.00	52.69 0.93 0.00	50.70 0.85 0.00	53.25 0.89 0.00	57.90 1.19 0.00	65.01 1.34 0.00	71.51 1.54 0.00	73.64 1.66 0.00	80.99 1.90 0.00	76.73 1.73 0.00	73.94 1.52 0.00	68.46 1.34 0.00	68.14 1.27 0.00	69.20 1.22 0.00	65.82 1.16 0.00	70.03 1.24 0.00	77.19 1.51 0.00	69.08 1.35 0.00	62.80 1.35 0.00	61.87 1.33 0.00	58.78 1.43 0.00	53.89 1.21 0.00	52.07 1.22 0.00
GILBOA___2 23757	58.92 1.04 0.00	56.81 1.06 0.00	52.69 0.93 0.00	50.70 0.85 0.00	53.25 0.89 0.00	57.90 1.19 0.00	65.01 1.34 0.00	71.51 1.54 0.00	73.64 1.66 0.00	80.99 1.90 0.00	76.73 1.73 0.00	73.94 1.52 0.00	68.46 1.34 0.00	68.14 1.27 0.00	69.20 1.22 0.00	65.82 1.16 0.00	70.03 1.24 0.00	77.19 1.51 0.00	69.08 1.35 0.00	62.80 1.35 0.00	61.87 1.33 0.00	58.78 1.43 0.00	53.89 1.21 0.00	52.07 1.22 0.00
GILBOA___3 23758	58.92 1.04 0.00	56.81 1.06 0.00	52.69 0.93 0.00	50.70 0.85 0.00	53.25 0.89 0.00	57.90 1.19 0.00	65.01 1.34 0.00	71.51 1.54 0.00	73.64 1.66 0.00	80.99 1.90 0.00	76.73 1.73 0.00	73.94 1.52 0.00	68.46 1.34 0.00	68.14 1.27 0.00	69.20 1.22 0.00	65.82 1.16 0.00	70.03 1.24 0.00	77.19 1.51 0.00	69.08 1.35 0.00	62.80 1.35 0.00	61.87 1.33 0.00	58.78 1.43 0.00	53.89 1.21 0.00	52.07 1.22 0.00
GILBOA___4 23759	58.92 1.04 0.00	56.81 1.06 0.00	52.69 0.93 0.00	50.70 0.85 0.00	53.25 0.89 0.00	57.90 1.19 0.00	65.01 1.34 0.00	71.51 1.54 0.00	73.64 1.66 0.00	80.99 1.90 0.00	76.73 1.73 0.00	73.94 1.52 0.00	68.46 1.34 0.00	68.14 1.27 0.00	69.20 1.22 0.00	65.82 1.16 0.00	70.03 1.24 0.00	77.19 1.51 0.00	69.08 1.35 0.00	62.80 1.35 0.00	61.87 1.33 0.00	58.78 1.43 0.00	53.89 1.21 0.00	52.07 1.22 0.00

GILBOA____ 23599	58.92 1.04 0.00	56.81 1.06 0.00	52.64 0.88 0.00	50.70 0.85 0.00	53.25 0.89 0.00	57.84 1.13 0.00	65.01 1.34 0.00	71.51 1.54 0.00	73.64 1.66 0.00	80.99 1.90 0.00	76.73 1.73 0.00	73.94 1.52 0.00	68.46 1.34 0.00	68.14 1.27 0.00	69.33 1.36 0.00	65.95 1.29 0.00	70.24 1.44 0.00	77.26 1.59 0.00	69.14 1.42 0.00	62.74 1.29 0.00	61.87 1.33 0.00	58.78 1.43 0.00	53.89 1.21 0.00	51.97 1.12 0.00
GINNA____ 23603	52.72 -5.15 0.00	50.63 -5.13 0.00	47.15 -4.61 0.00	45.61 -4.24 0.00	47.70 -4.66 0.00	50.69 -6.01 0.00	56.67 -7.00 0.00	62.84 -7.14 0.00	64.21 -7.78 0.00	70.63 -8.46 0.00	67.14 -7.87 0.00	65.25 -7.17 0.00	60.27 -6.85 0.00	60.52 -6.35 0.00	61.44 -6.53 0.00	58.71 -5.95 0.00	62.60 -6.19 0.00	69.10 -6.58 0.00	61.29 -6.44 0.00	55.18 -6.27 0.00	54.78 -5.75 0.00	51.61 -5.73 0.00	47.31 -5.37 0.00	45.66 -5.19 0.00
GLEN PARK____ 23778	59.55 1.68 0.00	57.09 1.34 0.00	53.06 1.29 0.00	51.14 1.29 0.00	53.77 1.41 0.00	58.41 1.70 0.00	66.15 2.48 0.00	72.49 2.52 0.00	74.36 2.37 0.00	81.94 2.84 0.00	77.56 2.55 0.00	75.32 2.90 0.00	69.26 2.15 0.00	69.07 2.20 0.00	70.41 2.44 0.00	67.50 2.84 0.00	71.55 2.75 0.00	78.40 2.72 0.00	69.95 2.23 0.00	63.04 1.59 0.00	61.99 1.45 0.00	58.38 1.03 0.00	53.36 0.68 0.00	51.41 0.56 0.00
GLENDALE_27_KV_LOAD 356172	60.60 2.72 0.00	58.54 2.79 0.00	54.14 2.38 0.00	51.84 1.99 0.00	54.71 2.36 0.00	59.60 2.89 0.00	67.24 3.57 0.00	74.10 4.13 0.00	76.52 4.54 0.00	84.47 5.38 0.00	80.11 5.10 0.00	77.35 4.92 0.00	71.81 4.70 0.00	71.35 4.48 0.00	72.52 4.55 0.00	68.99 4.33 0.00	73.61 4.82 0.00	80.90 5.22 0.00	72.33 4.61 0.00	65.93 4.49 0.00	65.02 4.48 0.00	61.99 4.64 0.00	56.63 3.95 0.00	54.46 3.61 0.00
GLENWOOD_IC_1_G5 23712	60.88 3.01 0.00	58.71 2.95 0.00	54.04 2.28 0.00	51.94 2.09 0.00	54.77 2.41 0.00	60.00 3.29 0.00	67.56 3.88 0.00	74.66 4.69 0.00	77.03 5.04 0.00	84.95 5.85 0.00	96.07 5.33 -15.73	96.14 5.07 -18.65	93.97 4.63 -22.23	94.54 4.48 -23.19	94.39 4.55 -21.87	93.64 4.27 -24.72	106.52 4.75 -32.98	98.51 5.30 -17.53	91.48 4.67 -19.08	91.22 4.36 -25.41	88.17 4.36 -23.27	67.16 4.47 -5.34	56.58 3.90 0.00	54.46 3.61 0.00
GLENWOOD_IC_2_G1 23688	60.55 2.66 -0.01	58.37 2.62 0.00	53.88 2.12 0.00	51.69 1.85 0.00	54.51 2.15 0.00	59.77 3.06 -0.01	67.24 3.56 -0.01	74.25 4.27 -0.01	76.61 4.61 -0.01	84.48 5.38 -0.01	95.55 4.80 -15.73	95.56 4.49 -18.65	93.37 4.03 -22.23	93.93 3.88 -23.19	93.64 3.80 -21.87	92.99 3.62 -24.72	105.69 3.92 -32.98	97.68 4.46 -17.53	90.80 3.99 -19.08	90.85 3.99 -25.41	87.80 3.99 -23.27	66.81 4.13 -5.34	56.27 3.58 -0.01	54.41 3.56 -0.01
GLENWOOD_IC_3_G1 23689	60.55 2.66 -0.01	58.37 2.62 0.00	53.88 2.12 0.00	51.69 1.85 0.00	54.51 2.15 0.00	59.77 3.06 -0.01	67.24 3.56 -0.01	74.25 4.27 -0.01	76.61 4.61 -0.01	84.48 5.38 -0.01	95.55 4.80 -15.73	95.56 4.49 -18.65	93.37 4.03 -22.23	93.93 3.88 -23.19	93.64 3.80 -21.87	92.99 3.62 -24.72	105.69 3.92 -32.98	97.68 4.46 -17.53	90.80 3.99 -19.08	90.85 3.99 -25.41	87.80 3.99 -23.27	66.81 4.13 -5.34	56.27 3.58 -0.01	54.41 3.56 -0.01
GLENWOOD____4 23550	60.88 3.01 0.00	58.71 2.95 0.00	54.04 2.28 0.00	51.94 2.09 0.00	54.77 2.41 0.00	60.00 3.29 0.00	67.56 3.88 0.00	74.66 4.69 0.00	77.03 5.04 0.00	84.95 5.85 0.00	96.07 5.33 -15.73	96.14 5.07 -18.65	93.97 4.63 -22.23	94.54 4.48 -23.19	94.39 4.55 -21.87	93.64 4.27 -24.72	106.52 4.75 -32.98	98.51 5.30 -17.53	91.48 4.67 -19.08	91.22 4.36 -25.41	88.17 4.36 -23.27	67.16 4.47 -5.34	56.58 3.90 0.00	54.46 3.61 0.00
GLENWOOD____5 23614	60.88 3.01 0.00	58.71 2.95 0.00	54.04 2.28 0.00	51.94 2.09 0.00	54.77 2.41 0.00	60.00 3.29 0.00	67.56 3.88 0.00	74.66 4.69 0.00	77.03 5.04 0.00	84.95 5.85 0.00	96.07 5.33 -15.73	96.14 5.07 -18.65	93.97 4.63 -22.23	94.54 4.48 -23.19	94.39 4.55 -21.87	93.64 4.27 -24.72	106.52 4.75 -32.98	98.51 5.30 -17.53	91.48 4.67 -19.08	91.22 4.36 -25.41	88.17 4.36 -23.27	67.16 4.47 -5.34	56.58 3.90 0.00	54.46 3.61 0.00
GLOBAL GREEN_PORT_GT1 23814	62.92 5.03 -0.01	60.55 4.80 0.00	55.65 3.88 0.00	53.44 3.59 0.00	56.55 4.19 0.00	62.67 5.95 -0.01	70.68 7.00 -0.01	78.09 8.11 -0.01	80.41 8.42 -0.01	88.99 9.89 -0.01	98.99 8.25 -15.73	98.74 7.67 -18.65	96.39 7.05 -22.23	96.74 6.69 -23.19	96.97 7.14 -21.87	96.22 6.85 -24.72	108.72 6.95 -32.98	100.32 7.11 -17.53	93.24 6.44 -19.08	93.25 6.39 -25.41	90.29 6.48 -23.27	69.10 6.42 -5.34	58.33 5.64 -0.01	56.60 5.74 -0.01
GLOBE____DSASP 323697	51.39 -6.48 0.00	49.01 -6.75 0.00	46.17 -5.59 0.00	44.86 -4.98 0.00	46.55 -5.81 0.00	48.65 -8.05 0.00	53.04 -10.63 0.00	58.71 -11.27 0.00	59.32 -12.67 0.00	64.94 -14.16 0.00	56.18 -12.45 6.38	55.64 -11.66 5.12	54.33 -10.67 2.12	52.68 -10.30 3.89	56.54 -11.28 0.15	48.54 -9.44 6.68	55.20 -9.42 4.17	57.38 -10.07 8.23	54.80 -9.41 3.51	49.33 -8.79 3.33	47.53 -8.47 4.53	45.49 -7.86 3.99	44.94 -7.74 0.00	44.59 -6.25 0.00
GOETHSLN____LBMP 323567	59.79 1.91 0.00	57.71 1.95 0.00	53.37 1.60 0.00	51.24 1.40 0.00	53.98 1.62 0.00	58.97 2.27 0.00	66.35 2.67 0.00	73.40 3.43 0.00	75.73 3.74 0.00	83.44 4.35 0.00	78.91 3.90 0.00	76.19 3.77 0.00	70.67 3.56 0.00	70.28 3.41 0.00	71.44 3.47 0.00	67.89 3.23 0.00	72.51 3.71 0.00	79.76 4.09 0.00	71.31 3.59 0.00	64.95 3.50 0.00	64.11 3.57 0.00	61.24 3.90 0.00	55.89 3.21 0.00	53.80 2.95 0.00
GOLAH____69_KV_TB 1_2 80279	54.75 -3.13 0.00	52.46 -3.29 0.00	49.12 -2.64 0.00	47.51 -2.34 0.00	49.58 -2.77 0.00	52.62 -4.08 0.00	58.26 -5.41 0.00	64.38 -5.60 0.00	65.65 -6.33 0.00	71.98 -7.12 0.00	68.42 -6.60 -0.01	66.28 -6.16 -0.01	61.35 -5.77 0.00	61.33 -5.55 -0.01	62.33 -5.64 0.00	59.61 -5.04 0.00	63.99 -4.82 -0.01	70.70 -4.99 -0.02	63.06 -4.67 -0.01	56.91 -4.55 -0.01	56.06 -4.48 0.00	52.99 -4.36 0.00	48.68 -4.00 0.00	47.80 -3.05 0.00
GOODYEAR_LAKE_HYD 323669	59.09 1.22 0.00	56.87 1.12 0.00	52.74 0.98 0.00	50.85 1.00 0.00	53.40 1.05 0.00	58.01 1.30 0.00	65.33 1.66 0.00	72.07 2.10 0.00	74.22 2.23 0.00	81.78 2.69 0.00	77.33 2.33 0.00	74.66 2.25 0.00	68.93 1.81 0.00	68.61 1.74 0.00	69.94 1.97 0.00	66.46 1.81 0.00	70.85 2.06 0.00	78.10 2.42 0.00	69.68 1.96 0.00	63.04 1.60 0.00	62.05 1.51 0.00	58.78 1.43 0.00	53.79 1.11 0.00	51.92 1.07 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	57.24 -0.64 0.00	54.97 -0.78 0.00	51.19 -0.57 0.00	49.40 -0.45 0.00	51.73 -0.63 0.00	55.69 -1.02 0.00	62.40 -1.27 0.00	68.71 -1.26 0.00	71.20 -0.79 0.00	78.30 -0.79 0.00	74.18 -0.83 0.01	71.69 -0.72 0.00	66.24 -0.87 0.00	66.06 -0.80 0.00	67.43 -0.54 0.00	63.94 -0.71 0.00	67.41 -1.38 0.00	74.31 -1.36 0.01	66.30 -1.42 0.00	60.03 -1.41 0.00	59.26 -1.27 0.00	56.14 -1.20 0.00	51.63 -1.05 0.00	50.14 -0.71 0.00

GOUDEY___7 23579	57.24 -0.64 0.00	54.97 -0.78 0.00	51.19 -0.57 0.00	49.40 -0.45 0.00	51.73 -0.63 0.00	55.69 -1.02 0.00	62.40 -1.27 0.00	68.71 -1.26 0.00	71.20 -0.79 0.00	78.30 -0.79 0.00	74.18 -0.83 0.01	71.69 -0.72 0.00	66.24 -0.87 0.00	66.06 -0.80 0.00	67.43 -0.54 0.00	63.94 -0.71 0.00	67.41 -1.38 0.00	74.31 -1.36 0.01	66.30 -1.42 0.00	60.03 -1.41 0.00	59.26 -1.27 0.00	56.14 -1.20 0.00	51.63 -1.05 0.00	50.14 -0.71 0.00
GOUDEY___8 23580	57.24 -0.64 0.00	54.97 -0.78 0.00	51.19 -0.57 0.00	49.40 -0.45 0.00	51.73 -0.63 0.00	55.69 -1.02 0.00	62.40 -1.27 0.00	68.71 -1.26 0.00	71.20 -0.79 0.00	78.30 -0.79 0.00	74.18 -0.83 0.01	71.69 -0.72 0.00	66.24 -0.87 0.00	66.06 -0.80 0.00	67.43 -0.54 0.00	63.94 -0.71 0.00	67.41 -1.38 0.00	74.31 -1.36 0.01	66.30 -1.42 0.00	60.03 -1.41 0.00	59.26 -1.27 0.00	56.14 -1.20 0.00	51.63 -1.05 0.00	50.14 -0.71 0.00
GOWANUS_GT1_1 24077	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GOWANUS_GT1_2 24078	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GOWANUS_GT1_3 24079	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GOWANUS_GT1_4 24080	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GOWANUS_GT1_5 24084	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GOWANUS_GT1_6 24111	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GOWANUS_GT1_7 24112	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GOWANUS_GT1_8 24113	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GOWANUS_GT2_1 24114	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
GOWANUS_GT2_2 24115	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
GOWANUS_GT2_3 24116	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
GOWANUS_GT2_4 24117	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
GOWANUS_GT2_5 24118	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01

GOWANUS_GT2_6 24119	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
GOWANUS_GT2_7 24120	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
GOWANUS_GT2_8 24121	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
GOWANUS_GT3_1 24122	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
GOWANUS_GT3_2 24123	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
GOWANUS_GT3_3 24124	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
GOWANUS_GT3_4 24125	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
GOWANUS_GT3_5 24126	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
GOWANUS_GT3_6 24127	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
GOWANUS_GT3_7 24128	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
GOWANUS_GT3_8 24129	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
GOWANUS_GT4_1 24130	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GOWANUS_GT4_2 24131	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GOWANUS_GT4_3 24132	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GOWANUS_GT4_4 24133	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00

GOWANUS_GT4_5 24134	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GOWANUS_GT4_6 24135	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GOWANUS_GT4_7 24136	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GOWANUS_GT4_8 24137	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GREATVRV_69_KV_BK1 356245	62.68 4.80 0.00	60.21 4.46 0.00	55.13 3.36 0.00	53.04 3.19 0.00	56.08 3.72 0.00	61.75 5.05 0.00	69.66 5.99 0.00	77.11 7.14 0.00	79.40 7.41 0.00	87.72 8.62 0.00	98.02 7.28 -15.73	98.02 6.95 -18.65	95.79 6.44 -22.23	96.27 6.22 -23.19	96.36 6.53 -21.87	95.51 6.14 -24.72	108.52 6.74 -32.98	100.63 7.42 -17.53	93.37 6.57 -19.08	93.06 6.21 -25.41	90.04 6.24 -23.27	68.93 6.25 -5.34	58.32 5.64 0.00	56.03 5.19 0.00
GREENBSH_115KV_TB3 55895	59.32 1.45 0.00	57.20 1.45 0.00	53.00 1.24 0.00	51.05 1.20 0.00	53.61 1.26 0.00	58.29 1.59 0.00	65.33 1.66 0.00	71.02 1.05 0.00	73.14 1.15 0.00	80.28 1.19 0.00	76.28 1.28 0.00	73.51 1.09 0.00	68.26 1.14 0.00	67.94 1.07 0.00	68.99 1.02 0.00	65.69 1.03 0.00	69.89 1.10 0.00	76.66 0.98 0.00	68.81 1.08 0.00	62.61 1.17 0.00	61.69 1.15 0.00	58.60 1.26 0.00	54.00 1.32 0.00	52.02 1.17 0.00
GREENDGE_115KV_TB5 80291	56.83 -1.04 0.00	54.47 -1.28 0.00	50.83 -0.93 0.00	49.05 -0.80 0.00	51.31 -1.05 0.00	55.01 -1.70 0.00	61.32 -2.36 0.00	66.82 -3.15 0.00	68.24 -3.74 0.00	75.06 -4.03 0.00	82.93 -3.98 -11.90	78.35 -3.62 -9.55	67.39 -3.69 -3.97	70.59 -3.54 -7.27	64.92 -3.33 -0.28	73.88 -3.30 -12.53	73.48 -3.10 -7.78	87.92 -3.10 -15.34	71.09 -3.18 -6.55	64.56 -3.13 -6.25	66.06 -3.03 -8.55	61.78 -3.10 -7.53	50.78 -1.90 0.00	49.47 -1.37 0.00
GREENIDGE___3 23582	56.83 -1.04 0.00	54.47 -1.28 0.00	50.83 -0.93 0.00	49.05 -0.80 0.00	51.31 -1.05 0.00	55.01 -1.70 0.00	61.32 -2.36 0.00	66.82 -3.15 0.00	68.24 -3.74 0.00	75.06 -4.03 0.00	82.93 -3.98 -11.90	78.35 -3.62 -9.55	67.39 -3.69 -3.97	70.59 -3.54 -7.27	64.92 -3.33 -0.28	73.88 -3.30 -12.53	73.48 -3.10 -7.78	87.92 -3.10 -15.34	71.09 -3.18 -6.55	64.56 -3.13 -6.25	66.06 -3.03 -8.55	61.78 -3.10 -7.53	50.78 -1.90 0.00	49.47 -1.37 0.00
GREENIDGE___4 23583	56.84 -1.04 0.00	54.47 -1.28 0.00	50.78 -0.99 0.00	49.05 -0.80 0.00	51.31 -1.05 0.00	54.78 -1.93 0.00	61.25 -2.42 0.00	66.83 -3.15 0.00	68.24 -3.75 0.00	75.06 -4.03 0.00	82.93 -3.98 -11.90	78.35 -3.62 -9.55	67.59 -3.49 -3.97	70.73 -3.41 -7.27	64.99 -3.26 -0.28	74.01 -3.17 -12.53	73.41 -3.16 -7.78	87.85 -3.18 -15.34	71.37 -2.91 -6.55	64.93 -2.76 -6.25	66.06 -3.03 -8.55	61.78 -3.10 -7.53	50.73 -1.95 0.00	49.12 -1.73 0.00
GREENLWN_69_KV_BK 3 55738	61.46 3.59 0.00	59.15 3.40 0.00	54.19 2.43 0.00	52.14 2.29 0.00	55.08 2.72 0.00	60.62 3.91 0.00	68.26 4.58 0.00	75.50 5.53 0.00	77.75 5.76 0.00	85.82 6.72 0.00	96.37 5.63 -15.73	96.43 5.36 -18.65	94.31 4.97 -22.23	94.87 4.81 -23.19	94.80 4.96 -21.87	94.02 4.66 -24.72	106.93 5.16 -32.98	98.96 5.75 -17.53	91.88 5.08 -19.08	91.65 4.79 -25.41	88.59 4.78 -23.27	67.61 4.93 -5.34	57.26 4.58 0.00	55.02 4.17 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00
GRISSOM___SOLAR 323813	60.36 2.49 0.00	58.20 2.45 0.00	53.88 2.12 0.00	52.04 2.19 0.00	54.61 2.25 0.00	59.54 2.83 0.00	67.11 3.44 0.00	73.54 3.57 0.00	75.94 3.96 0.00	83.05 3.95 0.00	78.61 3.60 0.00	75.75 3.33 0.00	69.93 2.82 0.00	69.61 2.74 0.00	70.89 2.92 0.00	67.69 3.04 0.00	72.30 3.51 0.00	79.99 4.31 0.00	71.44 3.72 0.00	64.46 3.01 0.00	63.50 2.97 0.00	60.15 2.81 0.00	55.05 2.37 0.00	53.03 2.18 0.00
GROVEVILLE___HYD 323602	60.42 2.55 0.00	58.32 2.56 0.00	53.99 2.23 0.00	51.84 1.99 0.00	54.56 2.20 0.00	59.43 2.72 0.00	66.79 3.12 0.00	73.68 3.71 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.43 4.43 0.00	76.62 4.20 0.00	70.74 3.62 0.00	70.35 3.48 0.00	71.50 3.53 0.00	68.02 3.36 0.00	72.58 3.78 0.00	79.99 4.31 0.00	71.51 3.79 0.00	65.01 3.56 0.00	64.05 3.51 0.00	60.90 3.56 0.00	55.68 3.00 0.00	53.64 2.80 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	56.83 -1.04 0.00	54.64 -1.12 0.00	50.83 -0.93 0.00	48.95 -0.90 0.00	51.36 -0.99 0.00	55.52 -1.19 0.00	62.34 -1.34 0.00	68.64 -1.33 0.00	70.55 -1.44 0.00	77.67 -1.42 0.00	73.73 -1.28 0.00	71.33 -1.09 0.00	65.97 -1.14 0.00	65.80 -1.07 0.00	66.88 -1.09 0.00	63.68 -0.97 0.00	67.90 -0.89 0.00	74.77 -0.91 0.00	66.71 -1.02 0.00	60.40 -1.04 0.00	59.51 -1.03 0.00	56.25 -1.09 0.00	51.73 -0.95 0.00	50.03 -0.81 0.00
HAMLTNNY_34_KV_TB 80303	56.89 -0.98 0.00	54.69 -1.06 0.00	50.88 -0.88 0.00	49.05 -0.80 0.00	51.42 -0.94 0.00	55.52 -1.19 0.00	62.27 -1.40 0.00	68.64 -1.33 0.00	70.48 -1.51 0.00	77.59 -1.50 0.00	73.73 -1.28 0.00	71.33 -1.09 0.00	65.91 -1.21 0.00	65.80 -1.07 0.00	66.88 -1.09 0.00	63.62 -1.03 0.00	67.90 -0.89 0.00	74.77 -0.91 0.00	66.71 -1.02 0.00	60.40 -1.04 0.00	59.51 -1.03 0.00	56.25 -1.09 0.00	51.68 -1.00 0.00	50.03 -0.81 0.00

HAMPSHIRE___PAPER_HYD 323593	59.21 1.33 0.00	56.98 1.23 0.00	52.95 1.19 0.00	51.04 1.19 0.00	53.61 1.25 0.00	57.90 1.19 0.00	65.39 1.72 0.00	71.23 1.26 0.00	73.28 1.30 0.00	80.52 1.43 0.00	76.28 1.27 0.00	74.16 1.74 0.00	68.66 1.54 0.00	68.34 1.47 0.00	69.60 1.63 0.00	66.33 1.68 0.00	69.96 1.17 0.00	76.36 0.68 0.00	68.47 0.75 0.00	61.88 0.43 0.00	60.96 0.43 0.00	57.69 0.35 0.00	53.26 0.58 0.00	51.30 0.46 0.00
HARDSCRABBLE_WT_PWR 323673	60.88 3.01 0.00	58.71 2.95 0.00	54.50 2.74 0.00	52.49 2.64 0.00	55.13 2.77 0.00	59.65 2.95 0.00	66.85 3.18 0.00	73.33 3.36 0.00	75.30 3.31 0.00	82.81 3.72 0.00	78.54 3.53 0.00	75.90 3.48 0.00	70.40 3.29 0.00	70.08 3.21 0.00	71.23 3.26 0.00	67.76 3.10 0.00	71.89 3.10 0.00	79.00 3.33 0.00	70.57 2.84 0.00	63.91 2.46 0.00	62.84 2.30 0.00	59.58 2.23 0.00	54.57 1.89 0.00	52.68 1.83 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	59.79 1.91 0.00	57.65 1.90 0.00	53.37 1.60 0.00	51.29 1.45 0.00	53.98 1.62 0.00	58.80 2.10 0.00	66.09 2.42 0.00	72.98 3.01 0.00	75.30 3.31 0.00	83.13 4.03 0.00	78.68 3.68 0.00	75.90 3.48 0.00	70.14 3.02 0.00	69.75 2.88 0.00	70.89 2.92 0.00	67.43 2.78 0.00	71.96 3.16 0.00	79.31 3.63 0.00	70.90 3.18 0.00	64.46 3.01 0.00	63.50 2.97 0.00	60.38 3.04 0.00	55.21 2.53 0.00	53.19 2.34 0.00
HARSNRAD_115KV_TB1 81005	52.61 -5.27 0.00	50.18 -5.58 0.00	47.21 -4.55 0.00	45.86 -3.99 0.00	47.59 -4.76 0.00	49.45 -7.26 0.00	54.12 -9.55 0.00	59.90 -10.08 0.00	60.54 -11.45 0.00	66.28 -12.81 0.00	56.72 -12.00 6.28	56.15 -11.23 5.04	54.96 -10.07 2.09	53.27 -9.76 3.84	57.83 -9.99 0.15	49.01 -8.99 6.66	55.81 -8.87 4.11	58.11 -9.46 8.11	55.39 -8.87 3.46	49.99 -8.17 3.28	48.15 -7.87 4.52	46.08 -7.28 3.98	45.88 -6.80 0.00	45.81 -5.03 0.00
HARZA MOOSE___RIVER 24016	59.15 1.27 0.00	56.87 1.12 0.00	52.85 1.09 0.00	50.90 1.05 0.00	53.46 1.10 0.00	58.01 1.30 0.00	65.33 1.66 0.00	71.37 1.40 0.00	73.43 1.44 0.00	80.83 1.74 0.00	76.51 1.50 0.00	74.16 1.74 0.00	68.46 1.34 0.00	68.27 1.40 0.00	69.47 1.50 0.00	66.40 1.75 0.00	70.58 1.79 0.00	77.11 1.44 0.00	68.87 1.15 0.00	62.31 0.86 0.00	61.32 0.79 0.00	57.97 0.63 0.00	53.15 0.47 0.00	51.25 0.41 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	56.31 -1.56 0.00	54.14 -1.62 0.00	50.36 -1.40 0.00	48.55 -1.30 0.00	50.89 -1.47 0.00	55.01 -1.70 0.00	61.70 -1.97 0.00	68.01 -1.96 0.00	69.90 -2.09 0.00	76.96 -2.14 0.00	73.06 -1.95 0.00	70.68 -1.74 0.00	65.37 -1.74 0.00	65.20 -1.67 0.00	66.27 -1.70 0.00	63.04 -1.62 0.00	67.21 -1.58 0.00	74.01 -1.66 0.00	66.10 -1.63 0.00	59.85 -1.60 0.00	58.96 -1.57 0.00	55.74 -1.61 0.00	51.26 -1.42 0.00	49.63 -1.22 0.00
HELLGATE_13_KV_LD 55870	60.60 2.72 0.00	58.60 2.84 0.00	54.19 2.43 0.00	51.84 1.99 0.00	54.71 2.36 0.00	59.54 2.84 0.00	67.17 3.50 0.00	74.03 4.06 0.00	76.45 4.46 0.00	84.39 5.30 0.00	80.03 5.03 0.00	77.35 4.92 0.00	71.75 4.63 0.00	71.35 4.48 0.00	72.52 4.55 0.00	68.99 4.33 0.00	73.61 4.82 0.00	80.90 5.22 0.00	72.33 4.61 0.00	65.93 4.49 0.00	64.95 4.42 0.00	61.99 4.64 0.00	56.63 3.95 0.00	54.51 3.66 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	60.60 2.72 0.00	58.60 2.84 0.00	54.19 2.43 0.00	51.84 1.99 0.00	54.71 2.36 0.00	59.54 2.84 0.00	67.17 3.50 0.00	74.03 4.06 0.00	76.45 4.46 0.00	84.39 5.30 0.00	80.03 5.03 0.00	77.35 4.92 0.00	71.75 4.63 0.00	71.35 4.48 0.00	72.52 4.55 0.00	68.99 4.33 0.00	73.61 4.82 0.00	80.90 5.22 0.00	72.33 4.61 0.00	65.93 4.49 0.00	64.95 4.42 0.00	61.99 4.64 0.00	56.63 3.95 0.00	54.51 3.66 0.00
HEMPSTEAD____ 23647	61.01 3.12 -0.01	58.71 2.95 0.00	54.04 2.27 0.00	51.84 2.00 0.00	54.72 2.36 0.00	60.23 3.52 -0.01	67.69 4.01 -0.01	74.81 4.82 -0.01	77.11 5.11 -0.01	85.11 6.01 -0.01	95.91 5.17 -15.73	95.92 4.85 -18.65	93.70 4.36 -22.23	94.27 4.22 -23.19	93.98 4.15 -21.87	93.31 3.94 -24.72	106.11 4.34 -32.98	98.06 4.85 -17.53	91.14 4.34 -19.08	91.16 4.30 -25.41	88.11 4.30 -23.27	67.10 4.42 -5.34	56.74 4.06 -0.01	54.82 3.97 -0.01
HICKLING___1 23621	56.60 -1.27 0.00	54.19 -1.56 0.00	50.62 -1.14 0.00	48.90 -0.95 0.00	51.10 -1.26 0.00	54.61 -2.10 0.00	60.93 -2.74 0.00	67.03 -2.94 0.00	68.24 -3.74 0.00	74.98 -4.11 0.00	75.34 -4.13 -4.45	72.23 -3.77 -3.57	64.71 -3.89 -1.49	65.85 -3.74 -2.72	64.74 -3.33 -0.10	65.66 -3.69 -4.70	68.27 -3.44 -2.91	77.86 -3.56 -5.74	66.65 -3.52 -2.45	60.40 -3.38 -2.33	60.52 -3.21 -3.19	57.17 -2.98 -2.81	50.20 -2.48 0.00	49.07 -1.78 0.00
HICKLING___2 23622	56.60 -1.27 0.00	54.19 -1.56 0.00	50.62 -1.14 0.00	48.90 -0.95 0.00	51.10 -1.26 0.00	54.61 -2.10 0.00	60.93 -2.74 0.00	67.03 -2.94 0.00	68.24 -3.74 0.00	74.98 -4.11 0.00	75.34 -4.13 -4.45	72.23 -3.77 -3.57	64.71 -3.89 -1.49	65.85 -3.74 -2.72	64.74 -3.33 -0.10	65.66 -3.69 -4.70	68.27 -3.44 -2.91	77.86 -3.56 -5.74	66.65 -3.52 -2.45	60.40 -3.38 -2.33	60.52 -3.21 -3.19	57.17 -2.98 -2.81	50.20 -2.48 0.00	49.07 -1.78 0.00
HIGH FALLS___HY 23754	60.60 2.72 0.00	58.43 2.68 0.00	54.09 2.33 0.00	51.94 2.09 0.00	54.71 2.36 0.00	59.54 2.84 0.00	66.92 3.25 0.00	73.96 3.99 0.00	76.31 4.32 0.00	84.31 5.22 0.00	79.58 4.58 0.00	76.77 4.35 0.00	70.74 3.62 0.00	70.41 3.54 0.00	71.57 3.60 0.00	68.21 3.56 0.00	72.85 4.06 0.00	80.44 4.77 0.00	71.92 4.20 0.00	65.32 3.87 0.00	64.35 3.81 0.00	61.07 3.73 0.00	55.79 3.11 0.00	53.75 2.90 0.00
HIGH_RIVER___SOLAR 323847	59.96 2.08 0.00	57.82 2.06 0.00	53.52 1.76 0.00	51.64 1.79 0.00	54.24 1.88 0.00	59.09 2.38 0.00	66.54 2.87 0.00	73.05 3.08 0.00	75.15 3.16 0.00	82.10 3.00 0.00	77.86 2.85 0.00	75.17 2.75 0.00	69.46 2.35 0.00	69.14 2.27 0.00	70.41 2.44 0.00	67.24 2.59 0.00	71.81 3.02 0.00	79.38 3.71 0.00	70.91 3.18 0.00	64.03 2.58 0.00	63.08 2.54 0.00	59.75 2.41 0.00	54.73 2.05 0.00	52.73 1.88 0.00
HILLBURN___GT 23639	59.55 1.68 0.00	57.48 1.73 0.00	53.21 1.45 0.00	51.14 1.29 0.00	53.77 1.41 0.00	58.81 2.10 0.00	66.09 2.42 0.00	72.98 3.01 0.00	75.30 3.31 0.00	83.05 3.95 0.00	78.53 3.53 0.00	75.75 3.33 0.00	70.00 2.88 0.00	69.61 2.74 0.00	70.62 2.65 0.00	67.17 2.52 0.00	71.55 2.75 0.00	78.93 3.25 0.00	70.63 2.91 0.00	64.39 2.95 0.00	63.50 2.97 0.00	60.44 3.09 0.00	55.26 2.58 0.00	53.44 2.59 0.00
HILLSIDE_115KV_TB1 80332	55.97 -1.91 0.00	53.58 -2.17 0.00	50.05 -1.71 0.00	48.35 -1.50 0.00	50.53 -1.83 0.00	54.04 -2.67 0.00	60.36 -3.31 0.00	66.40 -3.57 0.00	67.60 -4.39 0.00	74.19 -4.90 0.00	73.50 -4.95 -3.44	70.55 -4.63 -2.76	63.77 -4.50 -1.15	64.56 -4.41 -2.10	64.04 -4.01 -0.08	64.02 -4.27 -3.64	66.99 -4.06 -2.25	75.81 -4.31 -4.44	65.49 -4.13 -1.90	59.37 -3.87 -1.80	59.31 -3.69 -2.47	56.13 -3.38 -2.17	49.78 -2.90 0.00	48.66 -2.19 0.00

HISHELDN_WT_PWR 323625	53.94 -3.94 0.00	51.46 -4.29 0.00	48.19 -3.57 0.00	46.81 -3.04 0.00	48.64 -3.72 0.00	50.53 -6.18 0.00	56.09 -7.58 0.00	62.14 -7.84 0.00	62.99 -9.00 0.00	68.97 -10.12 0.00	42.61 -10.20 22.20	45.05 -9.56 17.81	51.06 -8.66 7.40	44.49 -8.83 13.55	58.95 -8.50 0.52	32.84 -8.47 23.35	45.67 -8.60 14.52	37.88 -9.16 28.64	47.44 -8.06 12.23	42.26 -7.56 11.63	36.83 -7.81 15.89	36.18 -7.17 14.00	46.30 -6.38 0.00	45.05 -5.80 0.00
HOLTSVILLE_IC_1 23690	61.93 4.05 -0.01	59.60 3.84 0.00	54.71 2.95 0.00	52.49 2.64 0.00	55.45 3.09 0.00	61.25 4.54 -0.01	68.96 5.28 -0.01	76.28 6.30 -0.01	78.55 6.55 -0.01	86.77 7.67 -0.01	96.96 6.22 -15.73	96.79 5.72 -18.65	94.72 5.37 -22.23	95.07 5.02 -23.19	95.07 5.23 -21.87	94.35 4.98 -24.72	106.94 5.16 -32.98	98.89 5.68 -17.53	92.02 5.21 -19.08	92.08 5.22 -25.41	89.07 5.26 -23.27	68.07 5.39 -5.34	57.74 5.06 -0.01	55.74 4.88 -0.01
HOLTSVILLE_IC_10 23699	62.28 4.40 -0.01	59.88 4.13 0.00	54.97 3.21 0.00	52.74 2.89 0.00	55.76 3.40 0.00	61.59 4.88 -0.01	69.35 5.66 -0.01	76.77 6.79 -0.01	79.05 7.06 -0.01	87.25 8.15 -0.01	97.41 6.67 -15.73	97.30 6.23 -18.65	95.18 5.84 -22.23	95.60 5.55 -23.19	95.55 5.71 -21.87	94.80 5.43 -24.72	107.48 5.71 -32.98	99.49 6.28 -17.53	92.49 5.69 -19.08	92.51 5.65 -25.41	89.56 5.75 -23.27	68.47 5.79 -5.34	58.06 5.38 -0.01	56.04 5.19 -0.01
HOLTSVILLE_IC_2 23691	61.93 4.05 -0.01	59.60 3.84 0.00	54.71 2.95 0.00	52.49 2.64 0.00	55.45 3.09 0.00	61.25 4.54 -0.01	68.96 5.28 -0.01	76.28 6.30 -0.01	78.55 6.55 -0.01	86.77 7.67 -0.01	96.96 6.22 -15.73	96.79 5.72 -18.65	94.72 5.37 -22.23	95.07 5.02 -23.19	95.07 5.23 -21.87	94.35 4.98 -24.72	106.94 5.16 -32.98	98.89 5.68 -17.53	92.02 5.21 -19.08	92.08 5.22 -25.41	89.07 5.26 -23.27	68.07 5.39 -5.34	57.74 5.06 -0.01	55.74 4.88 -0.01
HOLTSVILLE_IC_3 23692	61.93 4.05 -0.01	59.60 3.84 0.00	54.71 2.95 0.00	52.49 2.64 0.00	55.45 3.09 0.00	61.25 4.54 -0.01	68.96 5.28 -0.01	76.28 6.30 -0.01	78.55 6.55 -0.01	86.77 7.67 -0.01	96.96 6.22 -15.73	96.79 5.72 -18.65	94.72 5.37 -22.23	95.07 5.02 -23.19	95.07 5.23 -21.87	94.35 4.98 -24.72	106.94 5.16 -32.98	98.89 5.68 -17.53	92.02 5.21 -19.08	92.08 5.22 -25.41	89.07 5.26 -23.27	68.07 5.39 -5.34	57.74 5.06 -0.01	55.74 4.88 -0.01
HOLTSVILLE_IC_4 23693	61.93 4.05 -0.01	59.60 3.84 0.00	54.71 2.95 0.00	52.49 2.64 0.00	55.45 3.09 0.00	61.25 4.54 -0.01	68.96 5.28 -0.01	76.28 6.30 -0.01	78.55 6.55 -0.01	86.77 7.67 -0.01	96.96 6.22 -15.73	96.79 5.72 -18.65	94.72 5.37 -22.23	95.07 5.02 -23.19	95.07 5.23 -21.87	94.35 4.98 -24.72	106.94 5.16 -32.98	98.89 5.68 -17.53	92.02 5.21 -19.08	92.08 5.22 -25.41	89.07 5.26 -23.27	68.07 5.39 -5.34	57.74 5.06 -0.01	55.74 4.88 -0.01
HOLTSVILLE_IC_5 23694	61.93 4.05 -0.01	59.60 3.84 0.00	54.71 2.95 0.00	52.49 2.64 0.00	55.45 3.09 0.00	61.25 4.54 -0.01	68.96 5.28 -0.01	76.28 6.30 -0.01	78.55 6.55 -0.01	86.77 7.67 -0.01	96.96 6.22 -15.73	96.79 5.72 -18.65	94.72 5.37 -22.23	95.07 5.02 -23.19	95.07 5.23 -21.87	94.35 4.98 -24.72	106.94 5.16 -32.98	98.89 5.68 -17.53	92.02 5.21 -19.08	92.08 5.22 -25.41	89.07 5.26 -23.27	68.07 5.39 -5.34	57.74 5.06 -0.01	55.74 4.88 -0.01
HOLTSVILLE_IC_6 23695	62.28 4.40 -0.01	59.88 4.13 0.00	54.97 3.21 0.00	52.74 2.89 0.00	55.76 3.40 0.00	61.59 4.88 -0.01	69.35 5.66 -0.01	76.77 6.79 -0.01	79.05 7.06 -0.01	87.25 8.15 -0.01	97.41 6.67 -15.73	97.30 6.23 -18.65	95.18 5.84 -22.23	95.60 5.55 -23.19	95.55 5.71 -21.87	94.80 5.43 -24.72	107.48 5.71 -32.98	99.49 6.28 -17.53	92.49 5.69 -19.08	92.51 5.65 -25.41	89.56 5.75 -23.27	68.47 5.79 -5.34	58.06 5.38 -0.01	56.04 5.19 -0.01
HOLTSVILLE_IC_7 23696	62.28 4.40 -0.01	59.88 4.13 0.00	54.97 3.21 0.00	52.74 2.89 0.00	55.76 3.40 0.00	61.59 4.88 -0.01	69.35 5.66 -0.01	76.77 6.79 -0.01	79.05 7.06 -0.01	87.25 8.15 -0.01	97.41 6.67 -15.73	97.30 6.23 -18.65	95.18 5.84 -22.23	95.60 5.55 -23.19	95.55 5.71 -21.87	94.80 5.43 -24.72	107.48 5.71 -32.98	99.49 6.28 -17.53	92.49 5.69 -19.08	92.51 5.65 -25.41	89.56 5.75 -23.27	68.47 5.79 -5.34	58.06 5.38 -0.01	56.04 5.19 -0.01
HOLTSVILLE_IC_8 23697	62.28 4.40 -0.01	59.88 4.13 0.00	54.97 3.21 0.00	52.74 2.89 0.00	55.76 3.40 0.00	61.59 4.88 -0.01	69.35 5.66 -0.01	76.77 6.79 -0.01	79.05 7.06 -0.01	87.25 8.15 -0.01	97.41 6.67 -15.73	97.30 6.23 -18.65	95.18 5.84 -22.23	95.60 5.55 -23.19	95.55 5.71 -21.87	94.80 5.43 -24.72	107.48 5.71 -32.98	99.49 6.28 -17.53	92.49 5.69 -19.08	92.51 5.65 -25.41	89.56 5.75 -23.27	68.47 5.79 -5.34	58.06 5.38 -0.01	56.04 5.19 -0.01
HOLTSVILLE_IC_9 23698	62.28 4.40 -0.01	59.88 4.13 0.00	54.97 3.21 0.00	52.74 2.89 0.00	55.76 3.40 0.00	61.59 4.88 -0.01	69.35 5.66 -0.01	76.77 6.79 -0.01	79.05 7.06 -0.01	87.25 8.15 -0.01	97.41 6.67 -15.73	97.30 6.23 -18.65	95.18 5.84 -22.23	95.60 5.55 -23.19	95.55 5.71 -21.87	94.80 5.43 -24.72	107.48 5.71 -32.98	99.49 6.28 -17.53	92.49 5.69 -19.08	92.51 5.65 -25.41	89.56 5.75 -23.27	68.47 5.79 -5.34	58.06 5.38 -0.01	56.04 5.19 -0.01
HOMER_HL_115KV_TB2 355744	54.98 -2.89 0.00	52.35 -3.40 0.00	49.17 -2.59 0.00	47.71 -2.14 0.00	49.64 -2.72 0.00	52.40 -4.31 0.00	58.20 -5.48 0.00	64.03 -5.95 0.00	64.57 -7.41 0.00	70.47 -8.62 0.00	63.84 -9.53 1.65	62.12 -8.98 1.32	58.05 -8.52 0.54	57.04 -8.83 1.00	60.93 -7.00 0.04	53.94 -8.99 1.73	58.77 -8.94 1.07	63.87 -9.69 2.12	58.01 -8.80 0.90	52.35 -8.17 0.92	51.59 -7.69 1.26	49.69 -6.54 1.11	47.52 -5.16 0.00	47.08 -3.76 0.00
HOWARD_WT_PWR 323690	56.55 -1.33 0.00	53.92 -1.84 0.00	50.37 -1.40 0.00	48.75 -1.10 0.00	50.84 -1.52 0.00	53.76 -2.95 0.00	60.11 -3.56 0.00	66.19 -3.78 0.00	67.31 -4.68 0.00	73.87 -5.22 0.00	94.68 -5.47 -25.15	87.53 -5.07 -20.18	70.74 -4.76 -8.39	77.14 -5.08 -15.36	63.87 -4.69 -0.59	86.14 -4.98 -26.47	80.15 -5.09 -16.45	102.74 -5.37 -32.43	76.97 -4.61 -13.85	70.05 -4.61 -13.21	73.51 -5.08 -18.06	68.55 -4.70 -15.91	48.62 -4.06 0.00	47.19 -3.66 0.00
HQ_GEN_CEDARS 23644	59.55 1.68 0.00	57.43 1.67 0.00	53.37 1.60 0.00	51.44 1.60 0.00	54.03 1.68 0.00	58.35 1.64 0.00	65.71 2.04 0.00	71.72 1.75 0.00	73.86 1.87 0.00	80.91 1.82 0.00	76.73 1.73 0.00	74.23 1.81 0.00	69.06 1.95 0.00	68.74 1.87 0.00	69.81 1.84 0.00	66.33 1.68 0.00	69.96 1.17 0.00	76.81 1.14 0.00	69.08 1.35 0.00	62.67 1.23 0.00	61.81 1.27 0.00	58.43 1.09 0.00	53.89 1.21 0.00	51.97 1.12 0.00
HQ_GEN_CEDARS_PROXY 323590	59.55 1.68 0.00	57.42 1.67 0.00	53.37 1.61 0.00	51.44 1.59 0.00	54.03 1.68 0.00	58.35 1.65 0.00	65.71 2.04 0.00	72.34 1.75 -0.62	76.79 1.87 -2.93	77.44 1.90 3.55	76.74 1.73 0.00	74.23 1.81 0.00	69.06 1.95 0.00	68.74 1.87 0.00	70.01 2.04 0.00	66.33 1.68 0.00	70.38 1.58 0.00	76.88 1.21 0.00	69.21 1.49 0.00	62.74 1.29 0.00	61.81 1.27 0.00	58.43 1.09 0.00	53.89 1.21 0.00	51.96 1.12 0.00

HQ_GEN_IMPORT 323601	58.40 0.52 0.00	56.25 0.50 0.00	52.28 0.52 0.00	50.35 0.50 0.00	52.88 0.52 0.00	57.22 0.51 0.00	64.31 0.64 0.00	71.15 0.56 -0.62	75.43 0.51 -2.93	76.10 0.56 3.55	75.46 0.45 0.00	72.86 0.44 0.00	67.65 0.53 0.00	67.40 0.53 0.00	68.58 0.61 0.00	65.17 0.51 0.00	69.28 0.48 0.00	75.98 0.30 0.00	68.20 0.48 0.00	61.82 0.37 0.00	60.90 0.37 0.00	57.63 0.29 0.00	53.00 0.32 0.00	51.15 0.31 0.00
HQ_GEN_WHEEL 23651	58.40 0.52 0.00	56.25 0.50 0.00	52.28 0.52 0.00	50.35 0.50 0.00	52.88 0.52 0.00	57.22 0.51 0.00	64.31 0.64 0.00	71.15 0.56 -0.62	75.43 0.51 -2.93	76.10 0.56 3.55	75.46 0.45 0.00	72.86 0.44 0.00	67.65 0.53 0.00	67.40 0.53 0.00	68.58 0.61 0.00	65.17 0.51 0.00	69.28 0.48 0.00	75.98 0.30 0.00	68.20 0.48 0.00	61.82 0.37 0.00	60.90 0.37 0.00	57.63 0.29 0.00	53.00 0.32 0.00	51.15 0.31 0.00
HUDSON AVE_GT_3 23810	60.19 2.32 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.32 2.61 0.00	66.86 3.18 0.00	73.89 3.92 0.00	76.23 4.25 0.00	84.08 4.98 0.00	79.58 4.58 0.00	76.77 4.35 0.00	71.14 4.03 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.34 3.69 0.00	72.99 4.20 0.00	80.29 4.62 0.00	71.78 4.06 0.00	65.32 3.87 0.00	64.41 3.87 0.00	61.47 4.13 0.00	56.16 3.48 0.00	54.00 3.15 0.00
HUDSON AVE_GT_4 23540	60.19 2.32 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.32 2.61 0.00	66.86 3.18 0.00	73.89 3.92 0.00	76.23 4.25 0.00	84.08 4.98 0.00	79.58 4.58 0.00	76.77 4.35 0.00	71.14 4.03 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.34 3.69 0.00	72.99 4.20 0.00	80.29 4.62 0.00	71.78 4.06 0.00	65.32 3.87 0.00	64.41 3.87 0.00	61.47 4.13 0.00	56.16 3.48 0.00	54.00 3.15 0.00
HUDSON AVE_GT_5 23657	60.19 2.32 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.32 2.61 0.00	66.86 3.18 0.00	73.89 3.92 0.00	76.23 4.25 0.00	84.08 4.98 0.00	79.58 4.58 0.00	76.77 4.35 0.00	71.14 4.03 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.34 3.69 0.00	72.99 4.20 0.00	80.29 4.62 0.00	71.78 4.06 0.00	65.32 3.87 0.00	64.41 3.87 0.00	61.47 4.13 0.00	56.16 3.48 0.00	54.00 3.15 0.00
HUDSON_AVE_10 24168	60.02 2.14 0.00	57.93 2.17 0.00	53.57 1.81 0.00	51.44 1.60 0.00	54.19 1.83 0.00	59.20 2.50 0.00	66.73 3.06 0.00	73.75 3.78 0.00	76.09 4.10 0.00	83.92 4.82 0.00	79.36 4.35 0.00	76.55 4.13 0.00	70.94 3.83 0.00	70.55 3.68 0.00	71.71 3.74 0.00	68.14 3.49 0.00	72.78 3.99 0.00	80.14 4.46 0.00	71.58 3.86 0.00	65.19 3.75 0.00	64.29 3.75 0.00	61.30 3.96 0.00	56.05 3.37 0.00	53.95 3.10 0.00
HUDSON___115KV_TB 4 355613	60.36 2.49 0.00	58.26 2.51 0.00	53.99 2.23 0.00	51.99 2.14 0.00	54.61 2.25 0.00	59.32 2.61 0.00	66.47 2.80 0.00	72.35 2.38 0.00	74.58 2.59 0.00	81.86 2.77 0.00	77.63 2.63 0.00	74.74 2.32 0.00	69.20 2.08 0.00	68.88 2.01 0.00	70.08 2.11 0.00	66.79 2.13 0.00	71.27 2.48 0.00	78.48 2.80 0.00	70.30 2.57 0.00	64.03 2.58 0.00	63.14 2.60 0.00	59.81 2.47 0.00	55.00 2.32 0.00	53.03 2.19 0.00
HUNTER MOUNT___DRP 323613	60.77 2.89 0.00	58.65 2.90 0.00	54.30 2.54 0.00	52.29 2.44 0.00	54.98 2.62 0.00	59.66 2.95 0.00	66.79 3.12 0.00	72.56 2.59 0.00	74.87 2.88 0.00	82.26 3.16 0.00	78.01 3.00 0.00	75.10 2.68 0.00	69.40 2.28 0.00	69.08 2.21 0.00	70.28 2.31 0.00	67.05 2.39 0.00	71.54 2.75 0.00	78.86 3.18 0.00	70.70 2.98 0.00	64.21 2.77 0.00	63.32 2.78 0.00	59.87 2.52 0.00	55.05 2.37 0.00	53.08 2.24 0.00
HUNTINGTON_RES_REC 323705	61.82 3.94 -0.01	59.49 3.74 0.00	54.61 2.84 0.00	52.39 2.54 0.00	55.34 2.98 0.00	61.08 4.37 -0.01	68.78 5.10 -0.01	76.07 6.08 -0.01	78.33 6.34 -0.01	86.46 7.36 -0.01	96.89 6.15 -15.73	96.79 5.72 -18.65	94.64 5.30 -22.23	95.14 5.08 -23.19	95.00 5.16 -21.87	94.28 4.91 -24.72	107.07 5.30 -32.98	99.12 5.91 -17.53	92.15 5.35 -19.08	92.08 5.22 -25.41	89.07 5.26 -23.27	68.07 5.39 -5.34	57.64 4.95 -0.01	55.63 4.78 -0.01
HUNTLEY___63 23557	52.96 -4.92 0.00	50.46 -5.30 0.00	47.52 -4.24 0.00	46.11 -3.74 0.00	47.91 -4.45 0.00	50.02 -6.69 0.00	54.82 -8.85 0.00	60.67 -9.31 0.00	61.33 -10.65 0.00	67.07 -12.02 0.00	57.04 -11.25 6.72	56.60 -10.43 5.39	55.35 -9.53 2.23	53.54 -9.23 4.10	58.30 -9.52 0.16	48.91 -8.66 7.08	55.87 -8.53 4.39	57.93 -9.08 8.66	55.49 -8.53 3.70	50.01 -7.93 3.51	47.98 -7.75 4.81	46.06 -7.05 4.23	46.04 -6.64 0.00	45.81 -5.03 0.00
HUNTLEY___64 23558	52.96 -4.92 0.00	50.46 -5.30 0.00	47.52 -4.24 0.00	46.11 -3.74 0.00	47.91 -4.45 0.00	50.02 -6.69 0.00	54.82 -8.85 0.00	60.67 -9.31 0.00	61.33 -10.65 0.00	67.07 -12.02 0.00	57.04 -11.25 6.72	56.60 -10.43 5.39	55.35 -9.53 2.23	53.54 -9.23 4.10	58.30 -9.52 0.16	48.91 -8.66 7.08	55.87 -8.53 4.39	57.93 -9.08 8.66	55.49 -8.53 3.70	50.01 -7.93 3.51	47.98 -7.75 4.81	46.06 -7.05 4.23	46.04 -6.64 0.00	45.81 -5.03 0.00
HUNTLEY___65 23559	52.96 -4.92 0.00	50.46 -5.30 0.00	47.52 -4.24 0.00	46.11 -3.74 0.00	47.91 -4.45 0.00	50.02 -6.69 0.00	54.82 -8.85 0.00	60.67 -9.31 0.00	61.33 -10.65 0.00	67.07 -12.02 0.00	57.04 -11.25 6.72	56.60 -10.43 5.39	55.35 -9.53 2.23	53.54 -9.23 4.10	58.30 -9.52 0.16	48.91 -8.66 7.08	55.87 -8.53 4.39	57.93 -9.08 8.66	55.49 -8.53 3.70	50.01 -7.93 3.51	47.98 -7.75 4.81	46.06 -7.05 4.23	46.04 -6.64 0.00	45.81 -5.03 0.00
HUNTLEY___66 23560	52.96 -4.92 0.00	50.46 -5.30 0.00	47.52 -4.24 0.00	46.11 -3.74 0.00	47.91 -4.45 0.00	50.02 -6.69 0.00	54.82 -8.85 0.00	60.67 -9.31 0.00	61.33 -10.65 0.00	67.07 -12.02 0.00	57.04 -11.25 6.72	56.60 -10.43 5.39	55.35 -9.53 2.23	53.54 -9.23 4.10	58.30 -9.52 0.16	48.91 -8.66 7.08	55.87 -8.53 4.39	57.93 -9.08 8.66	55.49 -8.53 3.70	50.01 -7.93 3.51	47.98 -7.75 4.81	46.06 -7.05 4.23	46.04 -6.64 0.00	45.81 -5.03 0.00
HUNTLEY___67 23561	53.01 -4.86 0.00	50.51 -5.24 0.00	47.57 -4.19 0.00	46.16 -3.69 0.00	47.96 -4.40 0.00	50.19 -6.52 0.00	55.01 -8.66 0.00	60.81 -9.17 0.00	61.48 -10.51 0.00	67.23 -11.86 0.00	55.35 -11.55 8.11	55.13 -10.79 6.50	54.49 -9.93 2.69	52.23 -9.70 4.95	58.33 -9.45 0.19	47.10 -9.05 8.50	54.48 -9.01 5.30	55.61 -9.61 10.46	54.32 -8.94 4.46	48.87 -8.36 4.22	46.73 -8.05 5.75	44.88 -7.40 5.07	46.15 -6.53 0.00	45.81 -5.03 0.00
HUNTLEY___68 23562	53.01 -4.86 0.00	50.51 -5.24 0.00	47.57 -4.19 0.00	46.16 -3.69 0.00	47.96 -4.40 0.00	50.19 -6.52 0.00	55.01 -8.66 0.00	60.81 -9.17 0.00	61.48 -10.51 0.00	67.23 -11.86 0.00	55.35 -11.55 8.11	55.13 -10.79 6.50	54.49 -9.93 2.69	52.23 -9.70 4.95	58.33 -9.45 0.19	47.10 -9.05 8.50	54.48 -9.01 5.30	55.61 -9.61 10.46	54.32 -8.94 4.46	48.87 -8.36 4.22	46.73 -8.05 5.75	44.88 -7.40 5.07	46.15 -6.53 0.00	45.81 -5.03 0.00

HYLAND___LFGE 323620	58.34 0.46 0.00	55.81 0.06 0.00	51.97 0.21 0.00	50.35 0.50 0.00	52.62 0.26 0.00	55.57 -1.13 0.00	62.40 -1.27 0.00	66.97 -3.01 0.00	67.89 -4.10 0.00	74.19 -4.90 0.00	97.78 -5.25 -28.02	90.27 -4.64 -22.48	72.03 -4.43 -9.35	79.70 -4.28 -17.11	64.75 -3.87 -0.65	90.71 -3.43 -29.49	84.09 -3.03 -18.33	109.16 -2.65 -36.14	80.65 -2.50 -15.43	73.29 -2.89 -14.73	77.90 -2.78 -20.15	73.94 -1.15 -17.74	51.41 -1.26 0.00	49.68 -1.17 0.00
INDECK___CORINTH 23802	59.90 2.02 0.00	57.82 2.06 0.00	53.47 1.71 0.00	51.64 1.79 0.00	54.19 1.83 0.00	59.03 2.33 0.00	66.41 2.74 0.00	72.91 2.94 0.00	75.51 3.53 0.00	82.97 3.87 0.00	78.91 3.90 0.00	76.04 3.62 0.00	70.14 3.02 0.00	69.74 2.87 0.00	70.82 2.85 0.00	67.17 2.52 0.00	71.68 2.89 0.00	79.00 3.33 0.00	70.50 2.78 0.00	63.65 2.21 0.00	62.78 2.24 0.00	59.58 2.23 0.00	54.57 1.89 0.00	52.73 1.88 0.00
INDECK___ILION 23567	59.61 1.74 0.00	57.43 1.67 0.00	53.31 1.55 0.00	51.34 1.50 0.00	53.93 1.57 0.00	58.41 1.70 0.00	65.58 1.91 0.00	71.93 1.96 0.00	74.00 2.02 0.00	81.31 2.21 0.00	77.11 2.10 0.00	74.52 2.10 0.00	68.99 1.88 0.00	68.74 1.87 0.00	69.94 1.97 0.00	66.46 1.81 0.00	70.72 1.93 0.00	77.72 2.04 0.00	69.41 1.69 0.00	62.92 1.47 0.00	61.93 1.39 0.00	58.72 1.38 0.00	53.84 1.16 0.00	51.97 1.12 0.00
INDECK___OLEAN 23982	54.98 -2.89 0.00	52.35 -3.40 0.00	49.12 -2.64 0.00	47.71 -2.14 0.00	49.63 -2.72 0.00	52.00 -4.71 0.00	58.07 -5.60 0.00	64.03 -5.95 0.00	64.50 -7.49 0.00	70.48 -8.62 1.65	63.91 -9.45 1.32	62.12 -8.98 0.55	59.39 -7.18 1.00	57.04 -8.83 0.04	61.07 -6.86 1.73	54.07 -8.86 1.07	58.78 -8.94 2.12	63.94 -9.61 0.90	60.93 -5.89 0.92	54.74 -5.78 1.26	51.58 -7.69 1.11	49.69 -6.54 0.00	47.46 -5.22 0.00	46.53 -4.32 0.00
INDECK___OSWEGO 23783	55.85 -2.03 0.00	53.75 -2.00 0.00	49.95 -1.81 0.00	48.10 -1.75 0.00	50.52 -1.83 0.00	54.55 -2.15 0.00	61.32 -2.35 0.00	67.52 -2.45 0.00	69.40 -2.59 0.00	76.32 -2.77 0.00	72.46 -2.55 0.00	70.10 -2.32 0.00	64.83 -2.28 0.00	64.67 -2.21 0.00	65.73 -2.24 0.00	62.65 -2.00 0.00	66.66 -2.13 0.00	73.41 -2.27 0.00	65.55 -2.17 0.00	59.36 -2.09 0.00	58.48 -2.06 0.00	55.33 -2.01 0.00	50.83 -1.85 0.00	49.07 -1.78 0.00
INDECK___YERKES 23781	52.96 -4.92 0.00	50.46 -5.30 0.00	47.41 -4.35 0.00	46.16 -3.69 0.00	47.96 -4.40 0.00	49.34 -7.37 0.00	54.57 -9.11 0.00	60.67 -9.31 0.00	61.26 -10.73 0.00	67.07 -12.02 6.72	56.96 -11.33 5.39	56.67 -10.36 2.24	55.62 -9.26 4.10	53.74 -9.03 0.16	58.50 -9.31 7.08	49.11 -8.47 4.39	55.87 -8.53 8.66	58.01 -9.01 3.70	55.29 -8.74 3.51	50.19 -7.74 4.81	48.04 -7.69 4.23	46.05 -7.06 4.23	46.04 -6.64 0.00	44.80 -6.05 0.00
INDIAN POINT_GT_1 24139	59.67 1.79 0.00	57.59 1.84 0.00	53.26 1.50 0.00	51.19 1.35 0.00	53.88 1.52 0.00	58.80 2.10 0.00	66.22 2.55 0.00	73.19 3.22 0.00	75.44 3.46 0.00	83.29 4.19 0.00	78.76 3.75 0.00	75.97 3.55 0.00	70.34 3.22 0.00	69.95 3.08 0.00	71.10 3.13 0.00	67.56 2.91 0.00	72.16 3.37 0.00	79.46 3.78 0.00	70.97 3.25 0.00	64.58 3.13 0.00	63.68 3.15 0.00	60.61 3.27 0.00	55.42 2.74 0.00	53.34 2.49 0.00
INDIAN POINT_GT_2 23659	59.67 1.79 0.00	57.59 1.84 0.00	53.26 1.50 0.00	51.19 1.35 0.00	53.88 1.52 0.00	58.80 2.10 0.00	66.22 2.55 0.00	73.19 3.22 0.00	75.44 3.46 0.00	83.29 4.19 0.00	78.76 3.75 0.00	75.97 3.55 0.00	70.34 3.22 0.00	69.95 3.08 0.00	71.10 3.13 0.00	67.56 2.91 0.00	72.16 3.37 0.00	79.46 3.78 0.00	70.97 3.25 0.00	64.58 3.13 0.00	63.68 3.15 0.00	60.61 3.27 0.00	55.42 2.74 0.00	53.34 2.49 0.00
INDIAN POINT_GT_3 24019	59.67 1.79 0.00	57.59 1.84 0.00	53.26 1.50 0.00	51.19 1.35 0.00	53.88 1.52 0.00	58.80 2.10 0.00	66.22 2.55 0.00	73.19 3.22 0.00	75.44 3.46 0.00	83.29 4.19 0.00	78.76 3.75 0.00	75.97 3.55 0.00	70.34 3.22 0.00	69.95 3.08 0.00	71.10 3.13 0.00	67.56 2.91 0.00	72.16 3.37 0.00	79.46 3.78 0.00	70.97 3.25 0.00	64.58 3.13 0.00	63.68 3.15 0.00	60.61 3.27 0.00	55.42 2.74 0.00	53.34 2.49 0.00
INDIAN POINT___2 23530	59.61 1.73 0.00	57.54 1.78 0.00	53.21 1.45 0.00	51.14 1.29 0.00	53.82 1.46 0.00	58.86 2.15 0.00	66.15 2.48 0.00	73.05 3.08 0.00	75.37 3.38 0.00	83.13 4.03 0.00	78.61 3.60 0.00	75.75 3.33 0.00	70.14 3.02 0.00	69.74 2.87 0.00	70.76 2.79 0.00	67.31 2.65 0.00	71.61 2.82 0.00	79.00 3.33 0.00	70.63 2.91 0.00	64.46 3.01 0.00	63.56 3.03 0.00	60.55 3.21 0.00	55.36 2.69 0.00	53.49 2.64 0.00
INDIAN POINT___3 23531	59.61 1.74 0.00	57.54 1.78 0.00	53.26 1.50 0.00	51.19 1.35 0.00	53.88 1.52 0.00	58.75 2.04 0.00	66.16 2.48 0.00	73.05 3.08 0.00	75.37 3.38 0.00	83.13 4.03 0.00	78.61 3.60 0.00	75.82 3.40 0.00	70.20 3.09 0.00	69.88 3.01 0.00	71.03 3.06 0.00	67.50 2.84 0.00	72.02 3.23 0.00	79.31 3.63 0.00	70.84 3.12 0.00	64.46 3.01 0.00	63.56 3.03 0.00	60.55 3.21 0.00	55.37 2.69 0.00	53.29 2.44 0.00
INGHAM_C_115KV_TB7 356103	61.75 3.88 0.00	59.49 3.74 0.00	55.28 3.52 0.00	53.24 3.39 0.00	55.87 3.51 0.00	60.51 3.80 0.00	67.81 4.14 0.00	74.24 4.27 0.00	76.31 4.32 0.00	83.84 4.75 0.00	79.43 4.43 0.00	76.91 4.49 0.00	71.28 4.16 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	72.92 4.13 0.00	80.07 4.39 0.00	71.45 3.72 0.00	64.70 3.26 0.00	63.62 3.09 0.00	60.44 3.10 0.00	55.37 2.69 0.00	53.44 2.59 0.00
IP CORINTH___1 23988	60.25 2.37 0.00	58.10 2.34 0.00	53.78 2.02 0.00	51.89 2.04 0.00	54.45 2.09 0.00	59.37 2.67 0.00	66.73 3.06 0.00	73.26 3.29 0.00	75.88 3.89 0.00	83.44 4.35 0.00	79.28 4.28 0.00	76.40 3.98 0.00	70.40 3.29 0.00	70.15 3.28 0.00	71.23 3.26 0.00	67.63 2.97 0.00	72.16 3.37 0.00	79.46 3.78 0.00	70.90 3.18 0.00	63.97 2.52 0.00	63.08 2.54 0.00	59.87 2.52 0.00	54.89 2.21 0.00	52.93 2.08 0.00
IP___TICONDEROGA 23804	62.79 4.92 0.00	60.66 4.91 0.00	56.01 4.24 0.00	54.24 4.39 0.00	56.81 4.45 0.00	62.04 5.33 0.00	69.85 6.18 0.00	76.69 6.72 0.00	79.55 7.56 0.00	87.40 8.30 0.00	83.19 8.18 0.00	80.03 7.60 0.00	73.56 6.44 0.00	74.49 7.62 0.00	75.72 7.75 0.00	72.02 7.37 0.00	77.32 8.53 0.00	83.55 7.87 0.00	74.43 6.70 0.00	66.85 5.41 0.00	65.92 5.39 0.00	62.39 5.05 0.00	57.10 4.43 0.00	55.02 4.17 0.00
ISLIP_RES_REC 323679	62.57 4.69 -0.01	60.11 4.35 0.00	55.18 3.42 0.00	52.94 3.09 0.00	55.97 3.61 0.00	61.82 5.11 -0.01	69.66 5.98 -0.01	77.12 7.14 -0.01	79.41 7.42 -0.01	87.73 8.62 -0.01	97.94 7.20 -15.73	97.73 6.66 -18.65	95.59 6.24 -22.23	96.01 5.95 -23.19	95.96 6.12 -21.87	95.19 5.82 -24.72	107.89 6.12 -32.98	99.94 6.73 -17.53	92.90 6.10 -19.08	92.88 6.03 -25.41	89.86 6.05 -23.27	68.76 6.08 -5.34	58.27 5.58 -0.01	56.24 5.39 -0.01

JAMAICA__27_KV_LOAD 355505	60.42 2.55 0.00	58.32 2.56 0.00	53.88 2.12 0.00	51.69 1.84 0.00	54.50 2.15 0.00	59.77 3.06 0.00	67.17 3.50 0.00	74.24 4.27 0.00	76.59 4.61 0.00	84.63 5.54 0.00	79.58 4.58 0.00	76.77 4.35 0.00	71.14 4.03 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.27 3.62 0.00	73.06 4.27 0.00	80.52 4.84 0.00	71.99 4.27 0.00	65.75 4.30 0.00	64.71 4.18 0.00	61.53 4.19 0.00	56.63 3.95 0.00	54.46 3.61 0.00
JANIS__SOLAR 323808	59.84 1.97 0.00	57.37 1.62 0.00	53.42 1.66 0.00	51.49 1.64 0.00	54.03 1.68 0.00	58.29 1.59 0.00	65.71 2.04 0.00	72.49 2.52 0.00	74.36 2.37 0.00	81.79 2.69 0.00	79.20 2.33 -1.86	76.30 2.39 -1.50	69.69 1.95 -0.62	70.01 2.00 -1.14	70.46 2.44 -0.04	69.08 2.46 -1.97	72.69 2.68 -1.22	81.41 3.33 -2.40	71.59 2.84 -1.03	64.57 2.15 -0.98	63.75 1.88 -1.34	59.84 1.32 -1.18	53.79 1.11 0.00	51.92 1.07 0.00
JARVIS____ 23743	57.99 0.12 0.00	55.92 0.17 0.00	51.86 0.10 0.00	49.95 0.10 0.00	52.46 0.10 0.00	56.88 0.17 0.00	63.86 0.19 0.00	70.18 0.21 0.00	72.20 0.22 0.00	79.41 0.32 0.00	75.31 0.30 0.00	72.64 0.22 0.00	67.32 0.20 0.00	67.00 0.13 0.00	68.11 0.14 0.00	64.85 0.19 0.00	68.93 0.14 0.00	75.90 0.23 0.00	67.86 0.14 0.00	61.57 0.12 0.00	60.66 0.12 0.00	57.52 0.17 0.00	52.78 0.11 0.00	50.95 0.10 0.00
JENNISON____1 23625	60.02 2.14 0.00	57.54 1.78 0.00	53.52 1.76 0.00	51.59 1.74 0.00	54.14 1.78 0.00	58.58 1.87 0.00	65.90 2.23 0.00	72.63 2.66 0.00	74.72 2.74 0.00	82.42 3.32 0.00	78.01 3.00 0.00	75.39 2.97 0.00	69.46 2.35 0.00	69.34 2.47 0.00	71.03 3.06 0.00	67.37 2.72 0.00	71.82 3.03 0.00	79.15 3.48 0.01	70.50 2.78 0.00	63.66 2.21 0.00	62.59 2.06 0.00	58.72 1.38 0.00	53.68 1.00 0.00	51.97 1.12 0.00
JENNISON____2 23626	60.02 2.14 0.00	57.54 1.78 0.00	53.52 1.76 0.00	51.59 1.74 0.00	54.14 1.78 0.00	58.58 1.87 0.00	65.90 2.23 0.00	72.63 2.66 0.00	74.72 2.74 0.00	82.42 3.32 0.00	78.01 3.00 0.00	75.39 2.97 0.00	69.46 2.35 0.00	69.34 2.47 0.00	71.03 3.06 0.00	67.37 2.72 0.00	71.82 3.03 0.00	79.15 3.48 0.01	70.50 2.78 0.00	63.66 2.21 0.00	62.59 2.06 0.00	58.72 1.38 0.00	53.68 1.00 0.00	51.97 1.12 0.00
JERICO_RISE_WT_PWR 323719	59.21 1.33 0.00	57.09 1.34 0.00	53.10 1.34 0.00	51.20 1.35 0.00	53.82 1.46 0.00	58.12 1.42 0.00	65.45 1.78 0.00	71.58 1.61 0.00	73.71 1.72 0.00	80.76 1.66 0.00	76.59 1.58 0.00	74.01 1.59 0.00	68.72 1.61 0.00	68.41 1.54 0.00	69.60 1.63 0.00	66.01 1.36 0.00	70.10 1.30 0.00	76.81 1.14 0.00	69.01 1.28 0.00	62.61 1.16 0.00	61.63 1.09 0.00	58.09 0.74 0.00	53.47 0.79 0.00	51.46 0.61 0.00
KATONAH__115KV_46KV_TB4 355592	60.13 2.26 0.00	58.04 2.29 0.00	53.73 1.97 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.26 2.55 0.00	66.73 3.06 0.00	73.75 3.78 0.00	76.09 4.10 0.00	84.00 4.90 0.00	79.51 4.50 0.00	76.69 4.27 0.00	70.94 3.83 0.00	70.55 3.68 0.00	71.71 3.74 0.00	68.14 3.49 0.00	72.71 3.92 0.00	80.07 4.39 0.00	71.58 3.86 0.00	65.07 3.63 0.00	64.11 3.57 0.00	61.07 3.73 0.00	55.84 3.16 0.00	53.70 2.85 0.00
KCE_NY_1 323755	60.54 2.66 0.00	58.37 2.62 0.00	54.09 2.33 0.00	52.14 2.29 0.00	54.72 2.36 0.00	59.54 2.83 0.00	66.85 3.18 0.00	73.40 3.43 0.00	75.87 3.88 0.00	83.20 4.11 0.00	79.13 4.12 0.00	76.26 3.84 0.00	70.54 3.42 0.00	70.15 3.28 0.00	71.23 3.26 0.00	67.69 3.04 0.00	72.16 3.37 0.00	79.61 3.93 0.00	71.11 3.38 0.00	64.33 2.89 0.00	63.44 2.91 0.00	60.15 2.81 0.00	55.21 2.53 0.00	53.29 2.44 0.00
KCE_NY_6_ESR 323823	53.88 -3.99 0.00	51.29 -4.46 0.00	48.14 -3.62 0.00	46.86 -2.99 0.00	48.69 -3.67 0.00	50.36 -6.35 0.00	55.84 -7.83 0.00	61.93 -8.04 0.00	62.56 -9.43 0.00	68.50 -10.60 0.00	56.19 -10.80 8.02	55.99 -9.99 6.43	55.65 -8.79 2.67	52.95 -9.03 4.90	59.42 -8.36 0.19	47.55 -8.66 8.44	54.81 -8.74 5.24	56.02 -9.31 10.34	55.52 -7.79 4.41	49.87 -7.38 4.20	46.98 -7.81 5.75	45.23 -7.06 5.06	46.57 -6.11 0.00	45.36 -5.49 0.00
KEDC_PORT_JEFF_GT2 24210	62.17 4.28 -0.01	59.77 4.02 0.00	54.87 3.11 0.00	52.64 2.79 0.00	55.66 3.30 0.00	61.48 4.76 -0.01	69.22 5.54 -0.01	76.56 6.58 -0.01	78.84 6.84 -0.01	87.09 7.99 -0.01	97.26 6.52 -15.73	97.16 6.08 -18.65	94.98 5.64 -22.23	95.41 5.35 -23.19	95.41 5.57 -21.87	94.67 5.30 -24.72	107.34 5.57 -32.98	99.34 6.13 -17.53	92.36 5.55 -19.08	92.39 5.53 -25.41	89.37 5.57 -23.27	68.36 5.68 -5.34	57.95 5.27 -0.01	55.94 5.08 -0.01
KEDC_PORT_JEFF_GT3 24211	62.17 4.28 -0.01	59.77 4.02 0.00	54.87 3.11 0.00	52.64 2.79 0.00	55.66 3.30 0.00	61.48 4.76 -0.01	69.22 5.54 -0.01	76.56 6.58 -0.01	78.84 6.84 -0.01	87.09 7.99 -0.01	97.26 6.52 -15.73	97.16 6.08 -18.65	94.98 5.64 -22.23	95.41 5.35 -23.19	95.41 5.57 -21.87	94.67 5.30 -24.72	107.34 5.57 -32.98	99.34 6.13 -17.53	92.36 5.55 -19.08	92.39 5.53 -25.41	89.37 5.57 -23.27	68.36 5.68 -5.34	57.95 5.27 -0.01	55.94 5.08 -0.01
KEDC_GLWD_GT4 24219	60.89 3.01 -0.01	58.71 2.95 0.00	54.14 2.38 0.00	51.94 2.09 0.00	54.77 2.41 0.00	60.12 3.40 -0.01	67.63 3.95 -0.01	74.74 4.76 -0.01	77.11 5.11 -0.01	85.04 5.94 -0.01	96.07 5.33 -15.73	96.06 4.99 -18.65	93.84 4.50 -22.23	94.40 4.34 -23.19	94.12 4.28 -21.87	93.44 4.08 -24.72	106.18 4.41 -32.98	98.20 4.99 -17.53	91.20 4.40 -19.08	91.22 4.36 -25.41	88.17 4.36 -23.27	67.16 4.48 -5.34	56.64 3.95 -0.01	54.72 3.86 -0.01
KEDC_GLWD_GT5 24220	60.89 3.01 -0.01	58.71 2.95 0.00	54.14 2.38 0.00	51.94 2.09 0.00	54.77 2.41 0.00	60.12 3.40 -0.01	67.63 3.95 -0.01	74.74 4.76 -0.01	77.11 5.11 -0.01	85.04 5.94 -0.01	96.07 5.33 -15.73	96.06 4.99 -18.65	93.84 4.50 -22.23	94.40 4.34 -23.19	94.12 4.28 -21.87	93.44 4.08 -24.72	106.18 4.41 -32.98	98.20 4.99 -17.53	91.20 4.40 -19.08	91.22 4.36 -25.41	88.17 4.36 -23.27	67.16 4.48 -5.34	56.64 3.95 -0.01	54.72 3.86 -0.01
KENSICO____ 23655	59.90 2.03 0.00	57.82 2.06 0.00	53.47 1.71 0.00	51.34 1.50 0.00	54.09 1.73 0.00	58.97 2.27 0.00	66.47 2.80 0.00	73.47 3.50 0.00	75.80 3.82 0.00	83.60 4.51 0.00	79.13 4.13 0.00	76.33 3.91 0.00	70.67 3.56 0.00	70.28 3.41 0.00	71.44 3.47 0.00	67.89 3.23 0.00	72.44 3.65 0.00	79.76 4.09 0.00	71.31 3.59 0.00	64.83 3.38 0.00	63.93 3.39 0.00	60.90 3.56 0.00	55.68 3.00 0.00	53.54 2.69 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	60.60 2.72 0.00	58.49 2.73 0.00	54.09 2.33 0.00	51.99 2.14 0.00	54.71 2.36 0.00	59.54 2.84 0.00	66.92 3.25 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.16 5.06 0.00	79.51 4.50 0.00	76.62 4.20 0.00	70.67 3.56 0.00	70.28 3.41 0.00	71.50 3.53 0.00	68.08 3.43 0.00	72.78 3.99 0.00	80.29 4.62 0.00	71.78 4.06 0.00	65.19 3.75 0.00	64.23 3.69 0.00	60.96 3.61 0.00	55.73 3.06 0.00	53.70 2.85 0.00

KIAC_JFK_GT1 23816	60.07 2.20 0.00	57.98 2.23 0.00	53.62 1.86 0.00	51.44 1.60 0.00	54.19 1.83 0.00	59.43 2.72 0.00	66.60 2.93 0.00	73.54 3.57 0.00	75.88 3.89 0.00	83.84 4.75 0.00	78.83 3.83 0.00	76.11 3.69 0.00	70.47 3.36 0.00	70.08 3.21 0.00	71.23 3.26 0.00	67.69 3.04 0.00	72.37 3.58 0.00	79.76 4.09 0.00	71.31 3.59 0.00	65.38 3.93 0.00	64.29 3.75 0.00	61.18 3.84 0.00	56.31 3.63 0.00	54.15 3.31 0.00
KIAC_JFK_GT2 23817	60.07 2.20 0.00	57.98 2.23 0.00	53.62 1.86 0.00	51.44 1.60 0.00	54.19 1.83 0.00	59.43 2.72 0.00	66.60 2.93 0.00	73.54 3.57 0.00	75.88 3.89 0.00	83.84 4.75 0.00	78.83 3.83 0.00	76.11 3.69 0.00	70.47 3.36 0.00	70.08 3.21 0.00	71.23 3.26 0.00	67.69 3.04 0.00	72.37 3.58 0.00	79.76 4.09 0.00	71.31 3.59 0.00	65.38 3.93 0.00	64.29 3.75 0.00	61.18 3.84 0.00	56.31 3.63 0.00	54.15 3.31 0.00
KIAC_JFK____ 323774	60.07 2.20 0.00	57.99 2.23 0.00	53.62 1.86 0.00	51.44 1.59 0.00	54.19 1.83 0.00	59.60 2.89 0.00	67.17 3.50 0.00	73.61 3.64 0.00	75.94 3.96 0.00	83.92 4.83 0.00	78.91 3.90 0.00	75.97 3.55 0.00	70.34 3.22 0.00	69.88 3.01 0.00	70.89 2.92 0.00	67.88 3.23 0.00	71.89 3.10 0.00	79.31 3.63 0.00	70.91 3.18 0.00	65.32 3.87 0.00	64.29 3.75 0.00	61.19 3.84 0.00	56.37 3.69 0.00	54.41 3.56 0.00
KINTIGH__24_KV_GSU 356498	53.01 -4.86 0.00	50.63 -5.13 0.00	47.47 -4.30 0.00	46.11 -3.74 0.00	47.96 -4.40 0.00	49.96 -6.75 0.00	55.33 -8.34 0.00	61.43 -8.54 0.00	62.27 -9.72 0.00	68.34 -10.76 0.00	60.61 -10.27 4.12	59.63 -9.48 3.31	56.88 -8.86 1.38	56.26 -8.09 2.52	59.58 -8.29 0.10	52.94 -7.37 4.34	58.66 -7.43 2.70	62.57 -7.79 5.32	57.60 -7.85 2.27	51.85 -7.44 2.15	50.81 -6.78 2.95	48.27 -6.48 2.59	46.73 -5.95 0.00	45.25 -5.59 0.00
KINTIGH____ 23543	53.01 -4.86 0.00	50.62 -5.13 0.00	47.57 -4.19 0.00	46.11 -3.74 0.00	47.96 -4.40 0.00	50.53 -6.18 0.00	55.52 -8.15 0.00	61.44 -8.54 0.00	62.34 -9.65 0.00	68.34 -10.76 4.12	60.76 -10.13 3.31	59.63 -9.49 1.38	57.08 -8.66 2.52	56.06 -8.29 0.10	59.38 -8.50 0.10	52.82 -7.50 4.34	58.73 -7.36 2.70	62.57 -7.79 5.32	58.07 -7.38 2.27	52.29 -7.00 2.15	50.81 -6.78 2.95	48.27 -6.48 2.59	46.78 -5.90 0.00	46.12 -4.73 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	60.25 2.37 0.00	58.04 2.29 0.00	54.09 2.33 0.00	52.09 2.24 0.00	54.82 2.46 0.00	59.09 2.38 0.00	66.73 3.06 0.00	72.91 2.94 0.00	75.23 3.24 0.00	82.18 3.08 0.00	77.93 2.93 0.00	75.39 2.97 0.00	70.00 2.89 0.00	69.68 2.81 0.00	70.76 2.79 0.00	67.18 2.52 0.00	71.06 2.27 0.00	78.25 2.57 0.00	70.30 2.57 0.00	63.72 2.27 0.00	62.78 2.24 0.00	59.06 1.72 0.00	54.42 1.74 0.00	52.37 1.53 0.00
LACHUTE____HYDRO 323717	62.79 4.92 0.00	60.66 4.91 0.00	56.01 4.25 0.00	54.24 4.39 0.00	56.81 4.45 0.00	62.04 5.33 0.00	69.85 6.17 0.00	76.69 6.72 0.00	79.54 7.56 0.00	87.40 8.30 0.00	83.19 8.18 0.00	80.02 7.60 0.00	73.62 6.51 0.00	74.49 7.62 0.00	75.65 7.68 0.00	71.96 7.30 0.00	77.25 8.46 0.00	83.55 7.87 0.00	74.49 6.77 0.00	66.91 5.47 0.00	65.92 5.39 0.00	62.39 5.05 0.00	57.10 4.43 0.00	55.07 4.22 0.00
LAWRNCALV_115KV_TB1 80681	59.67 1.79 0.00	57.48 1.73 0.00	53.47 1.71 0.00	51.49 1.65 0.00	54.14 1.78 0.00	58.41 1.70 0.00	65.90 2.23 0.00	71.86 1.89 0.00	74.00 2.02 0.00	81.07 1.98 0.00	76.88 1.88 0.00	74.45 2.03 0.00	69.20 2.08 0.00	68.88 2.01 0.00	69.94 1.97 0.00	66.33 1.68 0.00	69.69 0.89 0.00	76.51 0.83 0.00	68.81 1.08 0.00	62.43 0.98 0.00	61.50 0.97 0.00	58.26 0.92 0.00	53.89 1.21 0.00	51.92 1.07 0.00
LEDERLE____ 23769	59.73 1.85 0.00	57.65 1.90 0.00	53.31 1.55 0.00	51.24 1.40 0.00	53.93 1.57 0.00	58.80 2.10 0.00	66.16 2.48 0.00	73.12 3.15 0.00	75.44 3.46 0.00	83.29 4.19 0.00	78.76 3.75 0.00	75.97 3.55 0.00	70.27 3.15 0.00	69.95 3.08 0.00	71.03 3.06 0.00	67.56 2.91 0.00	72.09 3.30 0.00	79.38 3.71 0.00	70.97 3.25 0.00	64.58 3.13 0.00	63.68 3.15 0.00	60.61 3.27 0.00	55.42 2.74 0.00	53.34 2.49 0.00
LIGHTHSE_115KV_TB6 355974	57.12 -0.75 0.00	54.92 -0.84 0.00	51.04 -0.72 0.00	49.20 -0.65 0.00	51.68 -0.68 0.00	55.97 -0.74 0.00	62.91 -0.76 0.00	69.06 -0.91 0.00	70.91 -1.08 0.00	78.07 -1.03 0.00	74.03 -0.98 0.00	71.91 -0.51 0.00	66.38 -0.74 0.00	66.20 -0.67 0.00	67.36 -0.61 0.00	64.20 -0.45 0.00	68.31 -0.48 0.00	75.07 -0.61 0.00	66.84 -0.88 0.00	60.52 -0.92 0.00	59.57 -0.97 0.00	56.37 -0.97 0.00	51.78 -0.90 0.00	50.03 -0.81 0.00
LINDEN COGEN____ 23786	59.78 1.91 0.00	57.70 1.95 0.00	53.37 1.61 0.00	51.20 1.35 0.00	53.93 1.57 0.00	59.14 2.44 0.00	66.41 2.74 0.00	73.40 3.43 0.00	75.80 3.81 0.00	83.52 4.43 0.00	78.98 3.97 0.00	76.04 3.62 0.00	70.40 3.29 0.00	70.01 3.14 0.00	70.96 2.99 0.00	67.57 2.91 0.00	71.89 3.10 0.00	79.23 3.56 0.00	70.84 3.12 0.00	64.82 3.38 0.00	64.05 3.51 0.00	61.19 3.84 0.00	55.89 3.21 0.00	54.05 3.21 0.00
LINDHRST_69_KV_BK1 356055	62.10 4.22 0.00	59.71 3.96 0.00	54.71 2.95 0.00	52.59 2.74 0.00	55.55 3.19 0.00	61.13 4.42 0.00	68.89 5.22 0.00	76.27 6.30 0.00	78.54 6.55 0.00	86.69 7.59 -15.73	97.27 6.53 -18.65	97.23 6.16 -22.23	95.05 5.70 -23.19	95.61 5.55 -21.87	95.55 5.71 -24.72	94.80 5.43 -32.98	107.76 5.98 -17.53	99.87 6.66 -19.08	92.70 5.89 -25.41	92.39 5.53 -23.27	89.32 5.51 -5.34	68.24 5.56 0.00	57.79 5.11 0.00	55.53 4.68 0.00
LIPA_MISC_IPP 23656	62.16 4.28 0.00	59.77 4.01 0.00	54.71 2.95 0.00	52.64 2.79 0.00	55.66 3.30 0.00	61.36 4.65 0.00	69.15 5.48 0.00	76.55 6.58 0.00	78.83 6.84 0.00	87.08 7.99 -15.73	97.19 6.45 -18.65	97.08 6.01 -22.23	95.05 5.70 -23.19	95.41 5.35 -21.87	95.68 5.85 -24.72	94.86 5.50 -32.98	107.55 5.78 -17.53	99.34 6.13 -19.08	92.36 5.55 -25.41	92.27 5.41 -23.27	89.38 5.57 -5.34	68.36 5.68 0.00	57.84 5.16 0.00	55.63 4.78 0.00
LISF____SOLAR 323691	62.28 4.40 -0.01	59.88 4.13 0.00	54.97 3.21 0.00	52.69 2.84 0.00	55.76 3.40 0.00	61.59 4.88 -0.01	69.41 5.73 -0.01	76.77 6.79 -0.01	79.05 7.06 -0.01	87.33 8.23 -15.73	97.34 6.60 -18.65	97.22 6.15 -22.23	95.12 5.77 -23.19	95.47 5.41 -21.87	95.55 5.71 -24.72	94.80 5.43 -32.98	107.34 5.57 -17.53	99.19 5.98 -19.08	92.29 5.48 -25.41	92.45 5.59 -23.27	89.56 5.75 -5.34	68.47 5.79 -0.01	58.01 5.32 0.00	56.04 5.19 -0.01
LITTLE FALLS____HYD 24013	61.75 3.88 0.00	59.49 3.74 0.00	55.28 3.52 0.00	53.24 3.39 0.00	55.87 3.51 0.00	60.51 3.80 0.00	67.81 4.14 0.00	74.24 4.27 0.00	76.31 4.32 0.00	83.84 4.75 0.00	79.43 4.43 0.00	76.91 4.49 0.00	71.28 4.16 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	72.92 4.13 0.00	80.07 4.39 0.00	71.45 3.72 0.00	64.70 3.26 0.00	63.62 3.09 0.00	60.44 3.10 0.00	55.37 2.69 0.00	53.44 2.59 0.00

LITTLRIV_115KV_TB1 356100	60.31 2.43 0.00	58.04 2.29 0.00	54.04 2.28 0.00	52.04 2.19 0.00	54.77 2.41 0.00	59.09 2.38 0.00	66.66 2.99 0.00	72.70 2.73 0.00	74.80 2.81 0.00	81.94 2.85 0.00	77.71 2.70 0.00	75.17 2.75 0.00	69.87 2.75 0.00	69.55 2.67 0.00	70.69 2.72 0.00	67.05 2.39 0.00	70.51 1.72 0.00	77.42 1.74 0.00	69.62 1.90 0.00	63.10 1.66 0.00	62.11 1.57 0.00	58.83 1.49 0.00	54.36 1.69 0.00	52.42 1.58 0.00
LI_NEWBRDGE___DRP 323616	61.06 3.18 0.00	58.76 3.01 0.00	53.94 2.17 0.00	51.84 1.99 0.00	54.77 2.41 0.00	60.17 3.46 0.00	67.75 4.08 0.00	74.87 4.90 0.00	77.17 5.18 0.00	85.11 6.01 0.00	95.77 5.03 -15.73	95.85 4.78 -18.65	93.71 4.36 -22.23	94.27 4.21 -23.19	94.19 4.35 -21.87	93.44 4.07 -24.72	106.31 4.54 -32.98	98.28 5.07 -17.53	91.27 4.47 -19.08	91.10 4.24 -25.41	88.05 4.24 -23.27	67.10 4.42 -5.34	56.79 4.11 0.00	54.61 3.76 0.00
LOCKPORT_115KV_TB60_63_64 80432	52.78 -5.09 0.00	50.35 -5.41 0.00	47.41 -4.35 0.00	46.01 -3.84 0.00	47.80 -4.56 0.00	49.56 -7.15 0.00	54.25 -9.42 0.00	60.11 -9.87 0.00	60.76 -11.23 0.00	66.44 -12.66 0.00	57.45 -11.78 5.79	56.84 -10.94 4.64	55.32 -9.87 1.93	53.84 -9.50 3.53	57.98 -9.86 0.14	49.77 -8.73 6.15	56.41 -8.60 3.79	59.06 -9.16 7.46	55.93 -8.60 3.19	50.43 -7.99 3.02	48.67 -7.69 4.17	46.56 -7.11 3.67	45.88 -6.80 0.00	45.92 -4.93 0.00
LOCKPORT___CC1 323769	52.61 -5.27 0.00	50.18 -5.57 0.00	47.10 -4.66 0.00	45.86 -3.99 0.00	47.59 -4.76 0.00	48.77 -7.94 0.00	53.87 -9.80 0.00	59.90 -10.07 0.00	60.47 -11.52 0.00	66.28 -12.81 0.00	56.57 -12.15 6.28	56.15 -11.22 5.04	55.09 -9.93 2.10	53.47 -9.56 3.84	58.04 -9.79 0.15	49.20 -8.79 6.66	55.74 -8.94 4.11	58.11 -9.46 8.11	55.05 -9.21 3.46	49.93 -8.23 3.28	48.15 -7.87 4.52	46.08 -7.28 3.98	45.83 -6.85 0.00	44.74 -6.10 0.00
LOCKPORT___CC2 323770	52.61 -5.27 0.00	50.18 -5.57 0.00	47.10 -4.66 0.00	45.86 -3.99 0.00	47.59 -4.76 0.00	48.77 -7.94 0.00	53.87 -9.80 0.00	59.90 -10.07 0.00	60.47 -11.52 0.00	66.28 -12.81 0.00	56.57 -12.15 6.28	56.15 -11.22 5.04	55.09 -9.93 2.10	53.47 -9.56 3.84	58.04 -9.79 0.15	49.20 -8.79 6.66	55.74 -8.94 4.11	58.11 -9.46 8.11	55.05 -9.21 3.46	49.93 -8.23 3.28	48.15 -7.87 4.52	46.08 -7.28 3.98	45.83 -6.85 0.00	44.74 -6.10 0.00
LOCKPORT___CC3 323771	52.61 -5.27 0.00	50.18 -5.57 0.00	47.10 -4.66 0.00	45.86 -3.99 0.00	47.59 -4.76 0.00	48.77 -7.94 0.00	53.87 -9.80 0.00	59.90 -10.07 0.00	60.47 -11.52 0.00	66.28 -12.81 0.00	56.57 -12.15 6.28	56.15 -11.22 5.04	55.09 -9.93 2.10	53.47 -9.56 3.84	58.04 -9.79 0.15	49.20 -8.79 6.66	55.74 -8.94 4.11	58.11 -9.46 8.11	55.05 -9.21 3.46	49.93 -8.23 3.28	48.15 -7.87 4.52	46.08 -7.28 3.98	45.83 -6.85 0.00	44.74 -6.10 0.00
LOCUSVLY_69_KV_BK2 55797	61.35 3.47 0.00	59.04 3.29 0.00	54.30 2.54 0.00	52.19 2.34 0.00	55.08 2.72 0.00	60.39 3.69 0.00	68.00 4.33 0.00	75.22 5.25 0.00	77.60 5.62 0.00	85.58 6.49 0.00	96.52 5.78 -15.73	96.57 5.50 -18.65	94.38 5.03 -22.23	94.94 4.88 -23.19	94.80 4.96 -21.87	94.02 4.66 -24.72	107.00 5.23 -32.98	99.04 5.83 -17.53	91.88 5.08 -19.08	91.65 4.79 -25.41	88.53 4.72 -23.27	67.56 4.87 -5.34	57.05 4.37 0.00	54.86 4.02 0.00
LONG_LAKE_PHOENIX 24014	56.02 -1.85 0.00	53.86 -1.90 0.00	50.10 -1.66 0.00	48.25 -1.60 0.00	50.63 -1.73 0.00	54.78 -1.93 0.00	61.44 -2.23 0.00	67.73 -2.24 0.00	69.61 -2.38 0.00	76.56 -2.53 0.00	72.76 -2.25 0.00	70.39 -2.03 0.00	65.10 -2.01 0.00	64.93 -1.94 0.00	66.00 -1.97 0.00	62.84 -1.81 0.00	67.00 -1.79 0.00	73.79 -1.89 0.00	65.83 -1.90 0.00	59.60 -1.84 0.00	58.72 -1.82 0.00	55.51 -1.83 0.00	50.99 -1.69 0.00	49.32 -1.53 0.00
LOVETT___3 23632	59.50 1.62 0.00	57.43 1.67 0.00	53.11 1.35 0.00	51.05 1.20 0.00	53.72 1.36 0.00	58.58 1.87 0.00	65.96 2.29 0.00	72.91 2.94 0.00	75.16 3.17 0.00	82.89 3.80 0.00	78.46 3.45 0.00	75.68 3.26 0.00	70.07 2.95 0.00	69.68 2.81 0.00	70.83 2.85 0.00	67.30 2.65 0.00	71.82 3.03 0.00	79.08 3.41 0.00	70.70 2.98 0.00	64.33 2.89 0.00	63.44 2.91 0.00	60.44 3.10 0.00	55.21 2.53 0.00	53.19 2.34 0.00
LOVETT___4 23642	59.50 1.62 0.00	57.43 1.67 0.00	53.11 1.35 0.00	51.05 1.20 0.00	53.72 1.36 0.00	58.58 1.87 0.00	65.96 2.29 0.00	72.91 2.94 0.00	75.16 3.17 0.00	82.89 3.80 0.00	78.46 3.45 0.00	75.68 3.26 0.00	70.07 2.95 0.00	69.68 2.81 0.00	70.83 2.85 0.00	67.30 2.65 0.00	71.82 3.03 0.00	79.08 3.41 0.00	70.70 2.98 0.00	64.33 2.89 0.00	63.44 2.91 0.00	60.44 3.10 0.00	55.21 2.53 0.00	53.19 2.34 0.00
LOVETT___5 23593	59.50 1.62 0.00	57.43 1.67 0.00	53.11 1.35 0.00	51.05 1.20 0.00	53.72 1.36 0.00	58.58 1.87 0.00	65.96 2.29 0.00	72.91 2.94 0.00	75.16 3.17 0.00	82.89 3.80 0.00	78.46 3.45 0.00	75.68 3.26 0.00	70.07 2.95 0.00	69.68 2.81 0.00	70.83 2.85 0.00	67.30 2.65 0.00	71.82 3.03 0.00	79.08 3.41 0.00	70.70 2.98 0.00	64.33 2.89 0.00	63.44 2.91 0.00	60.44 3.10 0.00	55.21 2.53 0.00	53.19 2.34 0.00
LOWER RAQUET___HYD 24057	59.73 1.85 0.00	57.48 1.73 0.00	53.52 1.76 0.00	51.54 1.70 0.00	54.19 1.83 0.00	58.47 1.76 0.00	65.96 2.29 0.00	71.93 1.96 0.00	74.08 2.09 0.00	81.15 2.05 0.00	76.96 1.95 0.00	74.52 2.10 0.00	69.26 2.15 0.00	68.95 2.08 0.00	70.21 2.24 0.00	66.46 1.81 0.00	70.10 1.30 0.00	76.51 0.83 0.00	68.87 1.15 0.00	62.37 0.92 0.00	61.38 0.85 0.00	58.20 0.86 0.00	53.89 1.21 0.00	51.92 1.07 0.00
LOWER___HUDSON 24059	59.90 2.02 0.00	57.76 2.00 0.00	53.57 1.81 0.00	51.54 1.70 0.00	54.19 1.83 0.00	58.92 2.21 0.00	66.09 2.42 0.00	72.49 2.52 0.00	74.72 2.73 0.00	81.79 2.69 0.00	77.79 2.78 0.00	74.95 2.53 0.00	69.53 2.41 0.00	69.21 2.34 0.00	70.28 2.31 0.00	66.78 2.13 0.00	71.13 2.34 0.00	78.40 2.72 0.00	70.16 2.43 0.00	63.65 2.21 0.00	62.71 2.18 0.00	59.52 2.18 0.00	54.73 2.05 0.00	52.83 1.98 0.00
LOWVILLE_115KV_TB2 356335	59.32 1.45 0.00	57.04 1.28 0.00	52.95 1.19 0.00	51.05 1.20 0.00	53.56 1.20 0.00	58.07 1.36 0.00	65.52 1.85 0.00	71.23 1.26 0.00	73.21 1.22 0.00	80.60 1.50 0.00	76.36 1.35 0.00	74.09 1.67 0.00	68.39 1.28 0.00	68.14 1.27 0.00	69.33 1.36 0.00	66.59 1.94 0.00	70.58 1.79 0.00	76.89 1.21 0.00	68.67 0.95 0.00	62.12 0.68 0.00	61.14 0.61 0.00	57.74 0.40 0.00	53.00 0.32 0.00	51.10 0.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	60.48 2.60 0.00	58.37 2.62 0.00	54.04 2.28 0.00	52.09 2.24 0.00	54.71 2.36 0.00	59.49 2.78 0.00	66.79 3.12 0.00	73.33 3.36 0.00	75.80 3.82 0.00	83.21 4.11 0.00	79.06 4.05 0.00	76.19 3.77 0.00	70.47 3.36 0.00	70.08 3.21 0.00	71.30 3.33 0.00	67.69 3.04 0.00	72.23 3.44 0.00	79.54 3.86 0.00	71.11 3.39 0.00	64.27 2.83 0.00	63.38 2.85 0.00	60.10 2.75 0.00	55.16 2.48 0.00	53.19 2.34 0.00

LUTHERNY_35_KV_BK2 355980	60.54 2.66 0.00	58.37 2.62 0.00	54.04 2.28 0.00	52.14 2.29 0.00	54.71 2.36 0.00	59.54 2.84 0.00	66.86 3.18 0.00	73.40 3.43 0.00	75.88 3.89 0.00	83.29 4.19 0.00	79.13 4.13 0.00	76.26 3.84 0.00	70.54 3.42 0.00	70.15 3.28 0.00	71.30 3.33 0.00	67.76 3.10 0.00	72.23 3.44 0.00	79.61 3.94 0.00	71.11 3.39 0.00	64.33 2.89 0.00	63.44 2.91 0.00	60.15 2.81 0.00	55.21 2.53 0.00	53.24 2.39 0.00
LWR___OSWEGATCHIE_HYD 23850	59.21 1.33 0.00	56.98 1.23 0.00	52.95 1.19 0.00	51.05 1.20 0.00	53.61 1.26 0.00	57.90 1.19 0.00	65.39 1.72 0.00	71.23 1.26 0.00	73.28 1.30 0.00	80.52 1.42 0.00	76.28 1.28 0.00	74.16 1.74 0.00	68.59 1.48 0.00	68.34 1.47 0.00	69.47 1.50 0.00	66.21 1.55 0.00	69.69 0.89 0.00	76.28 0.61 0.00	68.33 0.61 0.00	61.88 0.43 0.00	60.96 0.42 0.00	57.69 0.34 0.00	53.26 0.58 0.00	51.31 0.46 0.00
LYONS_FALL_HYD 23570	59.15 1.27 0.00	56.87 1.11 0.00	52.85 1.09 0.00	50.90 1.05 0.00	53.46 1.10 0.00	58.01 1.31 0.00	65.32 1.65 0.00	71.37 1.40 0.00	73.43 1.44 0.00	80.83 1.74 0.00	76.51 1.50 0.00	74.16 1.74 0.00	68.46 1.34 0.00	68.28 1.41 0.00	69.46 1.49 0.00	66.53 1.88 0.00	70.58 1.79 0.00	77.11 1.43 0.00	68.94 1.22 0.00	62.31 0.86 0.00	61.32 0.78 0.00	57.97 0.63 0.00	53.15 0.47 0.00	51.25 0.40 0.00
MADISON___COUNTY_LFGE 323628	59.09 1.22 0.00	56.81 1.06 0.00	52.80 1.04 0.00	50.90 1.05 0.00	53.46 1.10 0.00	58.01 1.30 0.00	65.26 1.59 0.00	71.79 1.82 0.00	73.79 1.80 0.00	81.23 2.14 0.00	76.96 1.95 0.00	74.45 2.03 0.00	68.73 1.61 0.00	68.54 1.67 0.00	69.74 1.77 0.00	66.40 1.75 0.00	70.65 1.86 0.00	77.64 1.97 0.00	69.21 1.49 0.00	62.61 1.17 0.00	61.63 1.09 0.00	58.26 0.92 0.00	53.42 0.74 0.00	51.66 0.81 0.00
MALONE___115KV_TB1 356076	60.31 2.43 0.00	58.10 2.34 0.00	54.14 2.38 0.00	52.14 2.29 0.00	54.87 2.51 0.00	59.15 2.44 0.00	66.86 3.18 0.00	72.98 3.01 0.00	75.37 3.38 0.00	82.34 3.24 0.00	78.16 3.15 0.00	75.61 3.19 0.00	70.20 3.09 0.00	69.88 3.01 0.00	70.89 2.92 0.00	67.30 2.65 0.00	70.99 2.20 0.00	78.10 2.42 0.00	70.23 2.51 0.00	63.66 2.21 0.00	62.71 2.18 0.00	59.06 1.72 0.00	54.47 1.79 0.00	52.42 1.58 0.00
MAPLEWOD_115KV_TB3 80458	59.79 1.91 0.00	57.71 1.95 0.00	53.47 1.71 0.00	51.49 1.65 0.00	54.09 1.73 0.00	58.80 2.10 0.00	65.90 2.23 0.00	72.00 2.03 0.00	74.22 2.23 0.00	81.39 2.29 0.00	77.33 2.33 0.00	74.59 2.17 0.00	69.20 2.08 0.00	68.88 2.01 0.00	70.01 2.04 0.00	66.53 1.87 0.00	70.86 2.06 0.00	77.87 2.19 0.00	69.75 2.03 0.00	63.29 1.84 0.00	62.41 1.88 0.00	59.24 1.89 0.00	54.47 1.79 0.00	52.53 1.68 0.00
MAPLE_RIDGE_WT_1 323574	57.82 -0.06 0.00	55.70 -0.06 0.00	51.66 -0.10 0.00	49.70 -0.15 0.00	52.20 -0.16 0.00	56.48 -0.23 0.00	63.42 -0.25 0.00	69.56 -0.42 0.00	71.49 -0.50 0.00	78.54 -0.55 0.00	74.49 -0.52 0.00	71.92 -0.50 0.00	66.72 -0.40 0.00	66.47 -0.40 0.00	67.63 -0.34 0.00	64.27 -0.39 0.00	68.31 -0.48 0.00	74.92 -0.76 0.00	66.91 -0.81 0.00	60.59 -0.86 0.00	59.56 -0.97 0.00	56.25 -1.09 0.00	51.63 -1.05 0.00	49.73 -1.12 0.00
MAPLE_RIDGE_WT_2 323611	57.82 -0.06 0.00	55.70 -0.06 0.00	51.66 -0.10 0.00	49.70 -0.15 0.00	52.20 -0.16 0.00	56.48 -0.23 0.00	63.42 -0.25 0.00	69.56 -0.42 0.00	71.49 -0.50 0.00	78.54 -0.55 0.00	74.49 -0.52 0.00	71.92 -0.50 0.00	66.72 -0.40 0.00	66.47 -0.40 0.00	67.63 -0.34 0.00	64.27 -0.39 0.00	68.31 -0.48 0.00	74.92 -0.76 0.00	66.91 -0.81 0.00	60.59 -0.86 0.00	59.56 -0.97 0.00	56.25 -1.09 0.00	51.63 -1.05 0.00	49.73 -1.12 0.00
MARBLE_RIVER_WT_PWR 323696	59.21 1.33 0.00	57.04 1.28 0.00	53.06 1.29 0.00	51.14 1.29 0.00	53.77 1.41 0.00	58.07 1.36 0.00	65.39 1.72 0.00	71.51 1.54 0.00	73.64 1.66 0.00	80.68 1.58 0.00	76.51 1.50 0.00	73.94 1.52 0.00	68.66 1.54 0.00	68.41 1.54 0.00	69.60 1.63 0.00	65.95 1.29 0.00	70.03 1.24 0.00	76.74 1.06 0.00	69.01 1.28 0.00	62.55 1.11 0.00	61.56 1.03 0.00	58.09 0.74 0.00	53.47 0.79 0.00	51.46 0.61 0.00
MARSHVLE_115KV_TB1 80742	59.32 1.45 0.00	57.20 1.45 0.00	52.90 1.14 0.00	51.14 1.30 0.00	53.67 1.31 0.00	58.58 1.87 0.00	66.09 2.42 0.00	72.42 2.45 0.00	74.72 2.74 0.00	81.78 2.69 0.00	77.56 2.55 0.00	74.74 2.32 0.00	68.93 1.81 0.00	68.61 1.74 0.00	69.94 1.97 0.00	66.72 2.07 0.00	71.34 2.55 0.00	78.93 3.25 0.00	70.36 2.64 0.00	63.35 1.90 0.00	62.47 1.94 0.00	59.24 1.89 0.00	54.10 1.42 0.00	52.07 1.22 0.00
MARSH_HILL_WT_PWR 323713	56.49 -1.39 0.00	53.92 -1.84 0.00	50.37 -1.40 0.00	48.70 -1.14 0.00	50.79 -1.57 0.00	53.70 -3.01 0.00	60.11 -3.56 0.00	66.12 -3.85 0.00	67.23 -4.75 0.00	73.80 -5.30 0.00	96.87 -5.55 -27.41	89.28 -5.14 -21.99	71.42 -4.83 -9.14	78.52 -5.08 -16.74	63.92 -4.69 -0.64	88.53 -4.98 -28.85	81.63 -5.09 -17.93	105.73 -5.30 -35.35	78.28 -4.54 -15.10	71.36 -4.48 -14.40	75.26 -4.96 -19.69	70.10 -4.59 -17.34	48.78 -3.90 0.00	47.34 -3.51 0.00
MCINTYRE_115KV_TB2 80467	60.60 2.72 0.00	58.32 2.56 0.00	54.25 2.48 0.00	52.29 2.44 0.00	54.98 2.62 0.00	59.37 2.67 0.00	66.98 3.31 0.00	73.05 3.08 0.00	75.16 3.17 0.00	82.26 3.16 0.00	77.93 2.93 0.00	75.39 2.97 0.00	70.07 2.95 0.00	69.81 2.94 0.00	70.96 2.99 0.00	67.37 2.72 0.00	70.99 2.20 0.00	77.95 2.27 0.00	70.09 2.37 0.00	63.54 2.09 0.00	62.59 2.06 0.00	59.18 1.83 0.00	54.63 1.95 0.00	52.68 1.83 0.00
MECO_____69_KV_BK1 80468	61.12 3.24 0.00	58.99 3.23 0.00	54.56 2.80 0.00	52.74 2.89 0.00	55.29 2.93 0.00	60.39 3.69 0.00	68.07 4.39 0.00	74.59 4.62 0.00	77.03 5.04 0.00	84.24 5.14 0.00	79.81 4.80 0.00	76.84 4.42 0.00	70.87 3.76 0.00	70.55 3.68 0.00	71.98 4.01 0.00	68.66 4.01 0.00	73.54 4.75 0.00	81.35 5.68 0.00	72.60 4.88 0.00	65.32 3.87 0.00	64.41 3.87 0.00	60.96 3.61 0.00	55.73 3.06 0.00	53.64 2.80 0.00
MENANDS___115KV_TB5 355628	59.61 1.74 0.00	57.54 1.78 0.00	53.26 1.50 0.00	51.29 1.45 0.00	53.93 1.57 0.00	58.58 1.87 0.00	65.65 1.97 0.00	71.58 1.61 0.00	73.79 1.80 0.00	80.91 1.82 0.00	76.88 1.88 0.00	74.16 1.74 0.00	68.79 1.68 0.00	68.48 1.60 0.00	69.60 1.63 0.00	66.21 1.55 0.00	70.44 1.65 0.00	77.34 1.66 0.00	69.35 1.63 0.00	62.98 1.54 0.00	62.11 1.57 0.00	58.95 1.61 0.00	54.26 1.58 0.00	52.32 1.47 0.00
MG INDUSTRY___DRP 24185	59.67 1.79 0.00	57.59 1.84 0.00	53.37 1.60 0.00	51.39 1.55 0.00	53.98 1.62 0.00	58.58 1.87 0.00	65.71 2.04 0.00	71.72 1.75 0.00	73.93 1.94 0.00	81.15 2.06 0.00	76.96 1.95 0.00	74.23 1.81 0.00	68.79 1.68 0.00	68.48 1.60 0.00	69.60 1.63 0.00	66.21 1.55 0.00	70.51 1.72 0.00	77.57 1.89 0.00	69.41 1.69 0.00	63.10 1.66 0.00	62.23 1.69 0.00	59.06 1.72 0.00	54.31 1.63 0.00	52.37 1.53 0.00

MID___OSWEGATCHIE_HYD 23849	59.21 1.33 0.00	56.98 1.23 0.00	52.95 1.19 0.00	51.05 1.20 0.00	53.61 1.26 0.00	57.90 1.19 0.00	65.39 1.72 0.00	71.23 1.26 0.00	73.28 1.30 0.00	80.52 1.42 0.00	76.28 1.28 0.00	74.16 1.74 0.00	68.59 1.48 0.00	68.34 1.47 0.00	69.47 1.50 0.00	66.21 1.55 0.00	69.69 0.89 0.00	76.28 0.61 0.00	68.33 0.61 0.00	61.88 0.43 0.00	60.96 0.42 0.00	57.69 0.34 0.00	53.26 0.58 0.00	51.31 0.46 0.00
MID___RAQUETTE_HYD 23851	59.73 1.85 0.00	57.48 1.73 0.00	53.52 1.76 0.00	51.54 1.69 0.00	54.19 1.83 0.00	58.46 1.76 0.00	65.96 2.29 0.00	71.93 1.96 0.00	74.08 2.09 0.00	81.15 2.06 0.00	76.96 1.95 0.00	74.52 2.10 0.00	69.26 2.15 0.00	68.94 2.07 0.00	70.01 2.04 0.00	66.40 1.75 0.00	69.69 0.89 0.00	76.43 0.76 0.00	68.74 1.02 0.00	62.31 0.86 0.00	61.38 0.85 0.00	58.20 0.86 0.00	53.89 1.21 0.00	51.92 1.07 0.00
MILLIKEN___1 23584	58.22 0.35 0.00	55.92 0.17 0.00	52.02 0.26 0.00	50.15 0.30 0.00	52.57 0.21 0.00	56.82 0.11 0.00	63.80 0.13 0.00	70.32 0.35 0.00	72.28 0.29 0.00	79.49 0.40 0.00	77.41 0.38 -2.03	74.56 0.51 -1.63	67.99 0.20 -0.68	68.38 0.27 -1.24	68.43 0.41 -0.05	67.18 0.39 -2.14	70.74 0.62 -1.33	79.13 0.83 -2.62	69.31 0.47 -1.12	62.82 0.31 -1.06	62.23 0.24 -1.46	58.68 0.06 -1.28	52.73 0.05 0.00	51.10 0.25 0.00
MILLIKEN___2 23585	58.22 0.35 0.00	55.92 0.17 0.00	52.02 0.26 0.00	50.15 0.30 0.00	52.57 0.21 0.00	56.82 0.11 0.00	63.80 0.13 0.00	70.32 0.35 0.00	72.28 0.29 0.00	79.49 0.40 0.00	77.41 0.38 -2.03	74.56 0.51 -1.63	67.99 0.20 -0.68	68.38 0.27 -1.24	68.43 0.41 -0.05	67.18 0.39 -2.14	70.74 0.62 -1.33	79.13 0.83 -2.62	69.31 0.47 -1.12	62.82 0.31 -1.06	62.23 0.24 -1.46	58.68 0.06 -1.28	52.73 0.05 0.00	51.10 0.25 0.00
MILLIKEN___DIESEL 23629	58.22 0.35 0.00	55.92 0.17 0.00	52.02 0.26 0.00	50.15 0.30 0.00	52.57 0.21 0.00	56.82 0.11 0.00	63.80 0.13 0.00	70.32 0.35 0.00	72.28 0.29 0.00	79.49 0.40 0.00	77.41 0.38 -2.03	74.56 0.51 -1.63	67.99 0.20 -0.68	68.38 0.27 -1.24	68.43 0.41 -0.05	67.18 0.39 -2.14	70.74 0.62 -1.33	79.13 0.83 -2.62	69.31 0.47 -1.12	62.82 0.31 -1.06	62.23 0.24 -1.46	58.68 0.06 -1.28	52.73 0.05 0.00	51.10 0.25 0.00
MILLSEAT___LFGE 323607	54.00 -3.88 0.00	51.51 -4.24 0.00	48.29 -3.47 0.00	46.96 -2.89 0.00	48.85 -3.51 0.00	50.30 -6.41 0.00	55.84 -7.83 0.00	62.14 -7.84 0.00	62.92 -9.07 0.00	68.97 -10.12 0.00	60.66 -9.45 4.90	59.87 -8.62 3.93	57.76 -7.72 1.63	56.59 -7.29 2.99	60.31 -7.55 0.12	52.85 -6.60 5.21	58.98 -6.60 3.20	62.47 -6.89 6.32	58.12 -6.91 2.70	52.56 -6.33 2.56	51.07 -5.93 3.53	48.56 -5.68 3.11	47.15 -5.53 0.00	45.97 -4.88 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	59.79 1.91 0.00	57.71 1.95 0.00	53.37 1.60 0.00	51.29 1.45 0.00	53.98 1.62 0.00	58.86 2.15 0.00	66.28 2.61 0.00	73.26 3.29 0.00	75.59 3.60 0.00	83.37 4.27 0.00	78.91 3.90 0.00	76.11 3.69 0.00	70.40 3.29 0.00	70.08 3.21 0.00	71.23 3.26 0.00	67.69 3.04 0.00	72.23 3.44 0.00	79.54 3.86 0.00	71.11 3.39 0.00	64.64 3.20 0.00	63.74 3.21 0.00	60.73 3.38 0.00	55.52 2.84 0.00	53.44 2.59 0.00
MILLWOOD_13_KV_LOAD 356217	59.84 1.97 0.00	57.76 2.01 0.00	53.47 1.71 0.00	51.34 1.50 0.00	54.03 1.68 0.00	58.97 2.27 0.00	66.41 2.74 0.00	73.40 3.43 0.00	75.73 3.74 0.00	83.60 4.51 0.00	79.06 4.05 0.00	76.26 3.84 0.00	70.61 3.49 0.00	70.21 3.34 0.00	71.37 3.40 0.00	67.82 3.17 0.00	72.37 3.58 0.00	79.69 4.01 0.00	71.24 3.52 0.00	64.76 3.32 0.00	63.86 3.33 0.00	60.84 3.50 0.00	55.63 2.95 0.00	53.49 2.64 0.00
MODEL_CITY_ENERGY 24167	52.49 -5.38 0.00	50.07 -5.69 0.00	47.00 -4.76 0.00	45.76 -4.09 0.00	47.54 -4.82 0.00	48.43 -8.28 0.00	53.42 -10.25 0.00	59.41 -10.57 0.00	59.96 -12.02 0.00	65.73 -13.37 0.00	56.52 -12.45 6.04	56.06 -11.52 4.85	54.83 -10.27 2.02	53.35 -9.83 3.69	57.43 -10.40 0.14	49.27 -8.92 6.46	55.69 -9.15 3.95	58.20 -9.69 7.79	54.64 -9.75 3.33	49.63 -8.66 3.16	48.04 -8.11 4.38	45.98 -7.51 3.86	45.36 -7.32 0.00	44.49 -6.36 0.00
MODERN_LFGE___ 323580	52.49 -5.38 0.00	50.07 -5.69 0.00	47.00 -4.76 0.00	45.76 -4.09 0.00	47.54 -4.82 0.00	48.43 -8.28 0.00	53.42 -10.25 0.00	59.41 -10.57 0.00	59.96 -12.02 0.00	65.73 -13.37 0.00	56.52 -12.45 6.04	56.06 -11.52 4.85	54.83 -10.27 2.02	53.35 -9.83 3.69	57.43 -10.40 0.14	49.27 -8.92 6.46	55.69 -9.15 3.95	58.20 -9.69 7.79	54.64 -9.75 3.33	49.63 -8.66 3.16	48.04 -8.11 4.38	45.98 -7.51 3.86	45.36 -7.32 0.00	44.49 -6.36 0.00
MOHAWK_PAPER___DRP 24187	59.79 1.91 0.00	57.71 1.95 0.00	53.47 1.71 0.00	51.49 1.65 0.00	54.09 1.73 0.00	58.80 2.10 0.00	65.90 2.23 0.00	72.00 2.03 0.00	74.22 2.23 0.00	81.39 2.29 0.00	77.33 2.33 0.00	74.59 2.17 0.00	69.20 2.08 0.00	68.88 2.01 0.00	70.01 2.04 0.00	66.53 1.87 0.00	70.86 2.06 0.00	77.87 2.19 0.00	69.75 2.03 0.00	63.29 1.84 0.00	62.41 1.88 0.00	59.24 1.89 0.00	54.47 1.79 0.00	52.53 1.68 0.00
MOHICAN___35_KV_115KV_LD 80490	60.77 2.89 0.00	58.65 2.90 0.00	54.25 2.48 0.00	52.39 2.54 0.00	54.98 2.62 0.00	59.88 3.18 0.00	67.37 3.69 0.00	73.96 3.99 0.00	76.52 4.54 0.00	84.08 4.98 0.00	79.96 4.95 0.00	77.06 4.63 0.00	71.08 3.96 0.00	70.48 3.61 0.00	71.64 3.67 0.00	67.95 3.30 0.00	72.51 3.71 0.00	80.22 4.54 0.00	71.58 3.86 0.00	64.58 3.13 0.00	63.68 3.15 0.00	60.38 3.04 0.00	55.37 2.69 0.00	53.39 2.54 0.00
MONGAUP___HYD 23641	60.07 2.20 0.00	57.99 2.23 0.00	53.68 1.92 0.00	51.54 1.70 0.00	54.24 1.88 0.00	59.14 2.44 0.00	66.35 2.67 0.00	72.98 3.01 0.00	75.30 3.31 0.00	82.97 3.87 0.00	78.39 3.38 0.00	75.53 3.11 0.00	69.73 2.61 0.00	69.41 2.54 0.00	70.49 2.52 0.00	67.24 2.59 0.00	71.75 2.96 0.00	79.31 3.63 0.00	70.91 3.18 0.00	64.52 3.07 0.00	63.56 3.03 0.00	60.32 2.98 0.00	55.21 2.53 0.00	53.34 2.49 0.00
MONTAUK___DIESEL 23721	62.56 4.69 0.00	60.21 4.46 0.00	55.23 3.47 0.00	53.24 3.39 0.00	56.39 4.03 0.00	62.38 5.67 0.00	70.49 6.81 0.00	77.88 7.91 0.00	80.19 8.21 0.00	88.67 9.57 0.00	98.69 7.95 -15.73	98.53 7.46 -18.65	96.26 6.91 -22.23	96.61 6.55 -23.19	97.04 7.20 -21.87	96.22 6.85 -24.72	108.79 7.02 -32.98	100.25 7.04 -17.53	92.97 6.16 -19.08	92.88 6.02 -25.41	89.92 6.11 -23.27	68.70 6.02 -5.34	57.95 5.27 0.00	56.08 5.24 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	53.77 -4.11 0.00	51.01 -4.74 0.00	47.83 -3.93 0.00	46.41 -3.44 0.00	48.43 -3.93 0.00	51.09 -5.61 0.00	57.50 -6.18 0.00	63.61 -6.37 0.00	64.21 -7.77 0.00	69.29 -9.81 0.00	59.15 -10.35 5.51	58.37 -9.63 4.42	56.09 -9.19 1.83	53.88 -9.63 3.36	59.14 -8.70 0.13	49.17 -9.70 5.79	56.73 -8.46 3.60	59.80 -8.78 7.10	56.50 -8.19 3.03	50.41 -7.93 3.11	48.48 -7.81 4.25	45.52 -8.09 3.74	45.67 -7.01 0.00	45.20 -5.64 0.00

MORRIS_RIDGE___SOLAR 323848	55.04 -2.83 0.00	52.52 -3.24 0.00	49.12 -2.64 0.00	47.61 -2.24 0.00	49.58 -2.78 0.00	52.00 -4.71 0.00	58.01 -5.67 0.00	63.96 -6.02 0.00	64.94 -7.05 0.00	71.26 -7.83 0.00	27.73 -7.95 39.33	33.41 -7.46 31.55	47.16 -6.85 13.11	35.77 -7.09 24.01	60.32 -6.73 0.92	16.50 -6.79 41.37	36.13 -6.95 25.72	17.62 -7.34 50.72	39.77 -6.30 21.66	34.79 -6.02 20.63	25.97 -6.36 28.21	26.71 -5.79 24.85	47.57 -5.11 0.00	46.22 -4.63 0.00
MORTIMER_115KV_TB3 55949	54.87 -3.01 0.00	52.58 -3.18 0.00	49.12 -2.64 0.00	47.51 -2.34 0.00	49.64 -2.72 0.00	52.85 -3.86 0.00	58.64 -5.03 0.00	64.87 -5.11 0.00	66.16 -5.83 0.00	72.69 -6.41 0.00	69.09 -5.93 -0.01	67.00 -5.43 -0.01	62.08 -5.03 0.00	62.13 -4.75 -0.01	63.14 -4.83 0.00	60.39 -4.27 0.00	64.67 -4.13 -0.01	71.38 -4.31 -0.02	63.60 -4.13 -0.01	57.40 -4.06 -0.01	56.60 -3.93 0.00	53.39 -3.96 0.00	49.04 -3.63 0.00	47.95 -2.90 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	60.13 2.26 0.00	58.04 2.29 0.00	53.62 1.86 0.00	51.49 1.65 0.00	54.24 1.88 0.00	59.26 2.55 0.00	66.73 3.06 0.00	73.75 3.78 0.00	76.09 4.10 0.00	83.92 4.82 0.00	79.43 4.43 0.00	76.62 4.20 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.21 3.56 0.00	72.85 4.06 0.00	80.14 4.46 0.00	71.65 3.93 0.00	65.19 3.75 0.00	64.29 3.75 0.00	61.30 3.96 0.00	56.00 3.32 0.00	53.90 3.05 0.00
MUNSVILLE_WIND_PWR 323609	61.69 3.82 0.00	59.04 3.29 0.00	54.97 3.21 0.00	52.99 3.14 0.00	55.66 3.30 0.00	60.11 3.40 0.00	67.87 4.20 0.00	74.87 4.90 0.00	76.89 4.90 0.00	84.79 5.70 0.00	81.60 5.17 -1.42	78.63 5.07 -1.14	71.82 4.23 -0.47	72.08 4.34 -0.87	72.96 4.96 -0.03	70.87 4.72 -1.50	74.81 5.09 -0.93	83.42 5.91 -1.83	73.65 5.14 -0.78	66.24 4.05 -0.74	65.06 3.51 -1.02	60.88 2.64 -0.90	54.73 2.05 0.00	52.78 1.93 0.00
N SALMON___HYD 24042	60.31 2.43 0.00	58.10 2.34 0.00	54.14 2.38 0.00	52.14 2.29 0.00	54.87 2.51 0.00	59.14 2.44 0.00	66.85 3.18 0.00	72.98 3.01 0.00	75.37 3.38 0.00	82.42 3.32 0.00	78.16 3.15 0.00	75.60 3.18 0.00	70.20 3.09 0.00	69.88 3.01 0.00	71.17 3.20 0.00	67.37 2.71 0.00	71.41 2.61 0.00	78.17 2.49 0.00	70.29 2.57 0.00	63.72 2.27 0.00	62.71 2.18 0.00	59.06 1.72 0.00	54.47 1.79 0.00	52.43 1.58 0.00
N.AKRON___115KV_KNAPP 355671	53.88 -3.99 0.00	51.46 -4.29 0.00	48.34 -3.42 0.00	46.86 -2.99 0.00	48.75 -3.61 0.00	50.87 -5.84 0.00	55.90 -7.77 0.00	62.00 -7.98 0.00	62.77 -9.21 0.00	68.73 -10.36 0.00	60.31 -9.60 5.10	59.49 -8.84 4.09	57.36 -8.05 1.70	56.13 -7.62 3.11	59.97 -7.88 0.12	52.25 -6.98 5.42	58.72 -6.74 3.33	61.99 -7.11 6.57	58.14 -6.77 2.81	52.39 -6.39 2.66	50.75 -6.11 3.68	48.32 -5.79 3.24	47.04 -5.64 0.00	46.88 -3.97 0.00
N.E_GEN_SANDY PD 24062	59.90 2.02 0.00	61.20 2.06 -3.38	58.18 1.81 -4.61	51.54 1.70 0.00	58.40 1.83 -4.21	66.20 2.33 -7.17	72.91 2.55 -6.69	89.00 2.73 -16.30	78.80 2.95 -3.86	78.47 2.93 3.55	77.79 2.78 0.00	75.02 2.60 0.00	69.60 2.48 0.00	69.27 2.40 0.00	72.46 2.38 -2.11	73.87 2.26 -6.95	93.45 2.41 -22.25	103.00 2.80 -24.52	96.19 2.51 -25.96	90.00 2.46 -26.09	85.35 2.42 -22.39	70.30 2.58 -10.37	70.16 2.32 -15.17	66.07 2.29 -12.93
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	59.55 1.68 0.00	57.48 1.73 0.00	53.21 1.45 0.00	51.14 1.30 0.00	53.77 1.41 0.00	58.63 1.93 0.00	66.03 2.36 0.00	72.91 2.94 0.00	75.23 3.24 0.00	83.05 3.95 0.00	78.53 3.53 0.00	75.75 3.33 0.00	70.14 3.02 0.00	69.75 2.88 0.00	70.89 2.92 0.00	67.37 2.72 0.00	71.89 3.10 0.00	79.16 3.48 0.00	70.77 3.05 0.00	64.39 2.95 0.00	63.50 2.97 0.00	60.44 3.10 0.00	55.26 2.58 0.00	53.24 2.39 0.00
N.QUEENS_27_KV_LOAD 356247	60.13 2.26 0.00	58.21 2.45 0.00	53.78 2.02 0.00	51.44 1.60 0.00	54.35 1.99 0.00	59.03 2.32 0.00	66.54 2.87 0.00	73.33 3.36 0.00	75.80 3.82 0.00	83.68 4.59 0.00	79.36 4.35 0.00	76.69 4.27 0.00	71.21 4.09 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.39 3.75 0.02	72.99 4.20 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.36 3.93 0.02	64.41 3.87 0.00	61.40 4.07 0.02	56.09 3.42 0.02	53.95 3.10 0.00
N.TROY___115KV_TB1 355778	59.90 2.03 0.00	57.76 2.01 0.00	53.52 1.76 0.00	51.54 1.69 0.00	54.19 1.83 0.00	58.92 2.21 0.00	66.09 2.42 0.00	72.49 2.52 0.00	74.72 2.74 0.00	81.86 2.77 0.00	77.78 2.78 0.00	74.96 2.53 0.00	69.53 2.42 0.00	69.21 2.34 0.00	70.35 2.38 0.00	66.85 2.20 0.00	71.27 2.48 0.00	78.40 2.72 0.00	70.23 2.51 0.00	63.66 2.21 0.00	62.71 2.18 0.00	59.52 2.18 0.00	54.68 2.00 0.00	52.73 1.88 0.00
NARROWS_GT1_1 24228	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
NARROWS_GT1_2 24229	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
NARROWS_GT1_3 24230	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
NARROWS_GT1_4 24231	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
NARROWS_GT1_5 24232	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01

NARROWS_GT1_6 24233	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
NARROWS_GT1_7 24234	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
NARROWS_GT1_8 24235	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
NARROWS_GT2_1 24236	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
NARROWS_GT2_2 24237	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
NARROWS_GT2_3 24238	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
NARROWS_GT2_4 24239	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
NARROWS_GT2_5 24240	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
NARROWS_GT2_6 24241	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
NARROWS_GT2_7 24242	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
NARROWS_GT2_8 24243	60.25 2.37 0.00	58.32 2.57 0.00	53.99 2.22 0.00	51.59 1.74 0.00	54.51 2.15 0.00	59.65 2.95 0.00	66.92 3.25 0.00	73.68 3.71 0.00	76.09 4.10 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.28 4.16 0.00	70.88 4.01 0.00	71.91 3.94 0.00	68.34 3.68 -0.01	72.85 4.06 0.00	80.06 4.39 0.00	71.44 3.72 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.71 4.36 -0.01	56.43 3.74 -0.01	54.52 3.66 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	60.77 2.89 0.00	58.65 2.90 0.00	54.30 2.54 0.00	52.29 2.44 0.00	54.98 2.62 0.00	59.66 2.95 0.00	66.79 3.12 0.00	72.56 2.59 0.00	74.87 2.88 0.00	82.26 3.16 0.00	78.01 3.00 0.00	75.10 2.68 0.00	69.40 2.28 0.00	69.08 2.21 0.00	70.28 2.31 0.00	67.05 2.39 0.00	71.54 2.75 0.00	78.86 3.18 0.00	70.70 2.98 0.00	64.21 2.77 0.00	63.32 2.78 0.00	59.87 2.52 0.00	55.05 2.37 0.00	53.08 2.24 0.00
NCHELSEA_115KV_TR2 355582	60.36 2.49 0.00	58.26 2.51 0.00	53.88 2.12 0.00	51.79 1.94 0.00	54.50 2.15 0.00	59.37 2.67 0.00	66.73 3.06 0.00	73.61 3.64 0.00	75.95 3.96 0.00	83.84 4.75 0.00	79.28 4.28 0.00	76.48 4.06 0.00	70.67 3.56 0.00	70.28 3.41 0.00	71.44 3.47 0.00	67.95 3.30 0.00	72.51 3.71 0.00	79.91 4.24 0.00	71.45 3.72 0.00	64.95 3.50 0.00	63.99 3.45 0.00	60.84 3.50 0.00	55.63 2.95 0.00	53.59 2.75 0.00
NEG CAPITAL___MECHNVIL 23645	60.60 2.72 0.00	58.49 2.73 0.00	54.14 2.38 0.00	52.19 2.34 0.00	54.82 2.46 0.00	59.65 2.95 0.00	66.98 3.31 0.00	73.54 3.57 0.00	75.94 3.96 0.00	83.28 4.19 0.00	79.21 4.20 0.00	76.33 3.91 0.00	70.67 3.55 0.00	70.28 3.41 0.00	71.37 3.40 0.00	67.82 3.17 0.00	72.30 3.51 0.00	79.76 4.08 0.00	71.24 3.52 0.00	64.52 3.07 0.00	63.56 3.03 0.00	60.27 2.92 0.00	55.31 2.63 0.00	53.39 2.54 0.00
NEG CENTRAL_HIGH_ACRES 23767	54.40 -3.47 0.00	52.13 -3.62 0.00	48.60 -3.16 0.00	47.06 -2.79 0.00	49.16 -3.20 0.00	52.23 -4.48 0.00	58.45 -5.22 0.00	64.72 -5.25 0.00	66.16 -5.83 0.00	72.76 -6.33 0.00	69.16 -5.85 0.00	67.14 -5.28 0.00	62.01 -5.10 0.00	62.32 -4.55 0.00	63.28 -4.69 0.00	60.45 -4.20 0.00	64.46 -4.33 0.00	71.14 -4.54 0.00	63.12 -4.61 0.00	56.90 -4.55 0.00	56.42 -4.12 0.00	53.16 -4.18 0.00	48.84 -3.84 0.00	47.09 -3.76 0.00

NEG CENTRAL___DRP 24199	56.89 -0.98 0.00	54.58 -1.17 0.00	50.88 -0.88 0.00	49.05 -0.80 0.00	51.42 -0.94 0.00	55.35 -1.36 0.00	61.95 -1.72 0.00	68.08 -1.89 0.00	69.76 -2.23 0.00	76.72 -2.37 0.00	75.39 -2.25 -2.63	72.58 -1.96 -2.11	65.91 -2.08 -0.88	66.54 -1.94 -1.61	66.13 -1.90 -0.06	65.62 -1.81 -2.77	68.86 -1.65 -1.72	77.49 -1.59 -3.40	67.41 -1.76 -1.45	61.05 -1.78 -1.39	60.68 -1.76 -1.90	57.18 -1.83 -1.67	51.31 -1.37 0.00	49.83 -1.02 0.00
NEG CENTRAL___INDECK 23768	57.35 -0.52 0.00	54.86 -0.89 0.00	51.14 -0.62 0.00	49.55 -0.30 0.00	51.73 -0.63 0.00	54.61 -2.10 0.00	61.19 -2.48 0.00	65.57 -4.41 0.00	66.66 -5.33 0.00	73.01 -6.09 0.00	97.09 -6.07 -28.15	89.58 -5.43 -22.59	71.40 -5.10 -9.39	79.11 -4.95 -17.19	63.94 -4.69 -0.66	89.82 -4.46 -29.62	82.87 -4.33 -18.41	107.67 -4.31 -36.31	79.17 -4.06 -15.51	72.07 -4.18 -14.80	76.72 -4.06 -20.24	72.93 -2.24 -17.83	50.52 -2.16 0.00	48.81 -2.04 0.00
NEG CENTRAL___SENECA 23627	56.95 -0.93 0.00	54.58 -1.17 0.00	50.88 -0.88 0.00	49.15 -0.70 0.00	51.42 -0.94 0.00	55.18 -1.53 0.00	61.63 -2.04 0.00	67.59 -2.38 0.00	69.11 -2.88 0.00	76.01 -3.08 0.00	76.27 -2.93 -4.19	73.17 -2.61 -3.36	65.76 -2.75 -1.40	66.82 -2.61 -2.56	65.62 -2.45 -0.10	66.67 -2.39 -4.41	69.26 -2.27 -2.74	78.88 -2.19 -5.40	67.73 -2.30 -2.31	61.31 -2.33 -2.20	61.25 -2.30 -3.01	57.65 -2.35 -2.65	50.99 -1.69 0.00	49.68 -1.17 0.00
NEG CENTRAL___STATE_STREET 24147	57.12 -0.75 0.00	54.86 -0.89 0.00	51.09 -0.67 0.00	49.25 -0.60 0.00	51.62 -0.73 0.00	55.74 -0.96 0.00	62.59 -1.08 0.00	68.99 -0.98 0.00	70.91 -1.08 0.00	78.07 -1.03 0.00	74.18 -0.83 0.00	71.70 -0.72 0.00	66.24 -0.87 0.00	66.13 -0.74 0.00	67.15 -0.82 0.00	63.88 -0.78 0.00	68.17 -0.62 0.00	75.15 -0.53 0.00	67.04 -0.68 0.00	60.65 -0.80 0.00	59.69 -0.85 0.00	56.37 -0.97 0.00	51.84 -0.84 0.00	50.19 -0.66 0.00
NEG MILLWOOD___DRP 24198	60.48 2.60 0.00	58.37 2.62 0.00	54.04 2.28 0.00	51.84 1.99 0.00	54.56 2.20 0.00	59.54 2.84 0.00	66.98 3.31 0.00	74.03 4.06 0.00	76.38 4.39 0.00	84.39 5.30 0.00	79.88 4.88 0.00	77.06 4.63 0.00	71.14 4.03 0.00	70.82 3.95 0.00	71.91 3.94 0.00	68.34 3.69 0.00	72.99 4.20 0.00	80.44 4.77 0.00	71.85 4.13 0.00	65.32 3.87 0.00	64.35 3.81 0.00	61.18 3.84 0.00	55.95 3.27 0.00	53.85 3.00 0.00
NEG NORTH_FLCN_SEA 23793	60.02 2.14 0.00	57.82 2.06 0.00	53.83 2.07 0.00	51.89 2.04 0.00	54.56 2.20 0.00	58.86 2.15 0.00	66.35 2.67 0.00	72.56 2.59 0.00	74.80 2.81 0.00	81.78 2.69 0.00	77.63 2.63 0.00	75.03 2.61 0.00	69.67 2.55 0.00	69.34 2.47 0.00	70.42 2.45 0.00	66.85 2.20 0.00	70.72 1.93 0.00	77.80 2.12 0.00	69.89 2.17 0.00	63.41 1.97 0.00	62.47 1.94 0.00	58.83 1.49 0.00	54.15 1.48 0.00	52.17 1.32 0.00
NEG NORTH_KES_CHATEGAY 23792	59.38 1.50 0.00	57.26 1.51 0.00	53.26 1.50 0.00	51.34 1.50 0.00	53.98 1.62 0.00	58.29 1.59 0.00	65.65 1.97 0.00	71.79 1.82 0.00	74.00 2.02 0.00	80.91 1.82 0.00	76.81 1.80 0.00	74.16 1.74 0.00	68.93 1.81 0.00	68.61 1.74 0.00	69.67 1.70 0.00	66.14 1.49 0.00	69.96 1.17 0.00	77.04 1.36 0.00	69.21 1.49 0.00	62.80 1.35 0.00	61.81 1.27 0.00	58.26 0.92 0.00	53.63 0.95 0.00	51.61 0.76 0.00
NEG NORTH___ALICE_FALLS 23915	60.25 2.37 0.00	58.04 2.29 0.00	54.09 2.33 0.00	52.09 2.24 0.00	54.82 2.46 0.00	59.09 2.38 0.00	66.73 3.06 0.00	72.91 2.94 0.00	75.23 3.24 0.00	82.18 3.08 0.00	77.93 2.93 0.00	75.39 2.97 0.00	70.00 2.89 0.00	69.68 2.81 0.00	70.76 2.79 0.00	67.18 2.52 0.00	71.06 2.27 0.00	78.25 2.57 0.00	70.30 2.57 0.00	63.72 2.27 0.00	62.78 2.24 0.00	59.06 1.72 0.00	54.42 1.74 0.00	52.37 1.53 0.00
NEG NORTH___LWR_SARANAC 23913	60.25 2.37 0.00	58.04 2.29 0.00	54.09 2.33 0.00	52.09 2.24 0.00	54.82 2.46 0.00	59.09 2.38 0.00	66.73 3.06 0.00	72.91 2.94 0.00	75.23 3.24 0.00	82.18 3.08 0.00	77.93 2.93 0.00	75.39 2.97 0.00	70.00 2.89 0.00	69.68 2.81 0.00	70.76 2.79 0.00	67.18 2.52 0.00	71.06 2.27 0.00	78.25 2.57 0.00	70.30 2.57 0.00	63.72 2.27 0.00	62.78 2.24 0.00	59.06 1.72 0.00	54.42 1.74 0.00	52.37 1.53 0.00
NEG NORTH___PLATTSBURG 23628	60.25 2.37 0.00	58.04 2.29 0.00	54.04 2.27 0.00	52.09 2.25 0.00	54.82 2.46 0.00	59.09 2.38 0.00	66.73 3.06 0.00	72.91 2.94 0.00	75.23 3.24 0.00	82.26 3.17 0.00	77.93 2.92 0.00	75.39 2.97 0.00	70.00 2.88 0.00	69.68 2.81 0.00	70.96 2.99 0.00	67.24 2.59 0.00	71.41 2.61 0.00	78.25 2.57 0.00	70.36 2.64 0.00	63.78 2.33 0.00	62.78 2.24 0.00	59.06 1.72 0.00	54.42 1.74 0.00	52.32 1.48 0.00
NEG WEST_LEA_LOCKPORT 23791	52.61 -5.27 0.00	50.18 -5.58 0.00	47.21 -4.55 0.00	45.86 -3.99 0.00	47.59 -4.76 0.00	49.45 -7.26 0.00	54.12 -9.55 0.00	59.90 -10.08 0.00	60.54 -11.45 0.00	66.28 -12.81 0.00	56.72 -12.00 6.28	56.15 -11.23 5.04	54.96 -10.07 2.09	53.27 -9.76 3.84	57.83 -9.99 0.15	49.01 -8.99 6.66	55.81 -8.87 4.11	58.11 -9.46 8.11	55.39 -8.87 3.46	49.99 -8.17 3.28	48.15 -7.87 4.52	46.08 -7.28 3.98	45.88 -6.80 0.00	45.81 -5.03 0.00
NEG WEST___LANCASTR 23811	54.98 -2.89 0.00	52.41 -3.35 0.00	49.22 -2.54 0.00	47.76 -2.09 0.00	49.69 -2.67 0.00	52.23 -4.48 0.00	57.75 -5.92 0.00	63.54 -6.44 0.00	64.14 -7.85 0.00	70.16 -8.94 0.00	58.83 -9.90 6.27	58.12 -9.27 5.03	56.17 -8.86 2.09	54.01 -9.03 3.83	60.69 -7.14 0.15	48.87 -9.18 6.61	55.33 -9.36 4.10	57.37 -10.22 8.09	54.99 -9.28 3.45	49.60 -8.54 3.30	48.09 -7.93 4.52	46.77 -6.59 3.98	47.57 -5.11 0.00	47.29 -3.56 0.00
NEG_PENN_ALLEGHNY 23528	57.41 -0.47 0.00	55.14 -0.61 0.00	51.35 -0.42 0.00	49.50 -0.35 0.00	51.89 -0.47 0.00	55.80 -0.91 0.00	62.65 -1.02 0.00	69.06 -0.91 0.00	71.34 -0.65 0.00	78.46 -0.64 0.00	74.40 -0.60 0.01	71.91 -0.50 0.00	66.65 -0.47 0.00	66.33 -0.54 0.00	67.63 -0.34 0.00	64.13 -0.52 0.00	67.76 -1.03 0.00	74.76 -0.90 0.01	66.91 -0.81 0.00	60.58 -0.86 0.00	59.45 -1.09 0.00	56.31 -1.03 0.00	51.78 -0.90 0.00	50.14 -0.71 0.00
NEG___GEN_MONROE 24207	54.75 -3.13 0.00	52.46 -3.29 0.00	49.12 -2.64 0.00	47.51 -2.34 0.00	49.58 -2.77 0.00	52.62 -4.08 0.00	58.26 -5.41 0.00	64.38 -5.60 0.00	65.65 -6.33 0.00	71.98 -7.12 0.00	68.42 -6.60 -0.01	66.28 -6.16 -0.01	61.35 -5.77 0.00	61.33 -5.55 -0.01	62.33 -5.64 0.00	59.61 -5.04 0.00	63.99 -4.82 -0.01	70.70 -4.99 -0.02	63.06 -4.67 -0.01	56.91 -4.55 -0.01	56.06 -4.48 0.00	52.99 -4.36 0.00	48.68 -4.00 0.00	47.80 -3.05 0.00
NEPA___ENERGY 23901	54.11 -3.76 0.00	51.57 -4.18 0.00	48.40 -3.36 0.00	46.96 -2.89 0.00	48.90 -3.46 0.00	51.55 -5.16 0.00	57.24 -6.43 0.00	63.19 -6.79 0.00	63.71 -8.28 0.00	69.45 -9.65 0.00	58.49 -9.90 6.62	57.84 -9.27 5.31	56.26 -8.66 2.20	54.14 -8.69 4.04	59.93 -8.40 0.15	49.30 -7.98 6.95	56.49 -7.98 4.33	58.74 -8.40 8.54	56.22 -7.86 3.64	50.22 -7.43 3.79	48.21 -7.14 5.18	46.13 -6.65 4.56	46.94 -5.74 0.00	46.47 -4.37 0.00

NEVERSINK___HYD 23608	60.60 2.72 0.00	58.43 2.68 0.00	54.09 2.33 0.00	51.99 2.14 0.00	54.72 2.36 0.00	59.60 2.89 0.00	66.85 3.18 0.00	73.68 3.71 0.00	76.02 4.03 0.00	84.00 4.91 0.00	79.28 4.27 0.00	76.47 4.05 0.00	70.54 3.42 0.00	70.15 3.28 0.00	71.17 3.20 0.00	67.82 3.17 0.00	72.37 3.57 0.00	79.91 4.24 0.00	71.51 3.79 0.00	65.01 3.56 0.00	64.05 3.51 0.00	60.73 3.38 0.00	55.57 2.90 0.00	53.69 2.85 0.00
NEWKRMKL_115KV_TB1 55635	59.61 1.74 0.00	57.54 1.78 0.00	53.26 1.50 0.00	51.29 1.45 0.00	53.93 1.57 0.00	58.58 1.87 0.00	65.65 1.97 0.00	71.30 1.33 0.00	73.50 1.51 0.00	80.68 1.58 0.00	76.66 1.65 0.00	73.94 1.52 0.00	68.59 1.48 0.00	68.27 1.40 0.00	69.40 1.43 0.00	66.01 1.36 0.00	70.24 1.44 0.00	77.04 1.36 0.00	69.08 1.35 0.00	62.80 1.35 0.00	61.93 1.39 0.00	58.78 1.43 0.00	54.10 1.42 0.00	52.17 1.32 0.00
NEWTON___FALLS_HYD 23847	59.21 1.33 0.00	56.98 1.23 0.00	52.95 1.19 0.00	51.05 1.20 0.00	53.61 1.26 0.00	57.90 1.19 0.00	65.39 1.72 0.00	71.23 1.26 0.00	73.28 1.30 0.00	80.52 1.42 0.00	76.28 1.28 0.00	74.16 1.74 0.00	68.59 1.48 0.00	68.34 1.47 0.00	69.47 1.50 0.00	66.21 1.55 0.00	69.69 0.89 0.00	76.28 0.61 0.00	68.33 0.61 0.00	61.88 0.43 0.00	60.96 0.42 0.00	57.69 0.34 0.00	53.26 0.58 0.00	51.31 0.46 0.00
NGRID_A1_DSASP 323792	51.51 -6.37 0.00	49.12 -6.63 0.00	46.27 -5.49 0.00	44.96 -4.89 0.00	46.65 -5.71 0.00	48.77 -7.94 0.00	53.17 -10.51 0.00	58.85 -11.13 0.00	59.46 -12.53 0.00	65.09 -14.00 0.00	56.15 -12.45 6.41	55.62 -11.66 5.14	54.39 -10.60 2.13	52.73 -10.23 3.91	56.67 -11.15 0.15	48.51 -9.44 6.71	55.18 -9.42 4.19	57.35 -10.07 8.27	54.78 -9.41 3.52	49.31 -8.79 3.34	47.50 -8.47 4.56	45.47 -7.86 4.01	45.04 -7.64 0.00	44.70 -6.15 0.00
NGRID_A2_DSASP 323793	51.51 -6.37 0.00	49.12 -6.63 0.00	46.27 -5.49 0.00	44.96 -4.89 0.00	46.65 -5.71 0.00	48.77 -7.94 0.00	53.17 -10.51 0.00	58.85 -11.13 0.00	59.46 -12.53 0.00	65.09 -14.00 0.00	56.15 -12.45 6.41	55.62 -11.66 5.14	54.39 -10.60 2.13	52.73 -10.23 3.91	56.67 -11.15 0.15	48.51 -9.44 6.71	55.18 -9.42 4.19	57.35 -10.07 8.27	54.78 -9.41 3.52	49.31 -8.79 3.34	47.50 -8.47 4.56	45.47 -7.86 4.01	45.04 -7.64 0.00	44.70 -6.15 0.00
NGRID_A4_DSASP 323807	51.51 -6.37 0.00	49.12 -6.63 0.00	46.27 -5.49 0.00	44.96 -4.89 0.00	46.65 -5.71 0.00	48.77 -7.94 0.00	53.17 -10.51 0.00	58.85 -11.13 0.00	59.46 -12.53 0.00	65.09 -14.00 0.00	56.15 -12.45 6.41	55.62 -11.66 5.14	54.39 -10.60 2.13	52.73 -10.23 3.91	56.67 -11.15 0.15	48.51 -9.44 6.71	55.18 -9.42 4.19	57.35 -10.07 8.27	54.78 -9.41 3.52	49.31 -8.79 3.34	47.50 -8.47 4.56	45.47 -7.86 4.01	45.04 -7.64 0.00	44.70 -6.15 0.00
NIAGARA_115E_LBMP 323715	52.38 -5.50 0.00	49.90 -5.85 0.00	46.89 -4.87 0.00	45.66 -4.19 0.00	47.38 -4.98 0.00	48.14 -8.56 0.00	53.10 -10.57 0.00	58.99 -10.98 0.00	59.53 -12.45 0.00	65.25 -13.84 0.00	56.10 -12.75 6.16	55.60 -11.88 4.94	54.52 -10.54 2.06	53.01 -10.10 3.76	57.01 -10.81 0.15	48.86 -9.18 6.61	55.41 -9.36 4.03	57.74 -9.99 7.94	54.17 -10.16 3.40	49.25 -8.97 3.22	47.70 -8.35 4.48	45.72 -7.68 3.94	45.09 -7.58 0.00	44.29 -6.56 0.00
NIAGARA_115W_LBMP 323714	51.39 -6.48 0.00	49.01 -6.75 0.00	46.07 -5.69 0.00	44.86 -4.98 0.00	46.54 -5.81 0.00	47.92 -8.79 0.00	52.78 -10.89 0.00	58.71 -11.27 0.00	59.18 -12.81 0.00	64.94 -14.16 0.00	56.03 -12.60 6.38	55.64 -11.66 5.12	54.32 -10.67 2.12	52.88 -10.10 3.89	56.75 -11.08 0.15	48.67 -9.31 6.68	55.13 -9.49 4.17	57.38 -10.06 8.23	53.72 -10.50 3.51	49.20 -8.91 3.33	47.53 -8.48 4.53	45.49 -7.85 3.99	44.88 -7.80 0.00	43.47 -7.37 0.00
NIAGARA_230_LBMP 323716	52.38 -5.50 0.00	49.95 -5.80 0.00	46.95 -4.81 0.00	45.66 -4.19 0.00	47.43 -4.92 0.00	48.88 -7.83 0.00	53.93 -9.74 0.00	59.90 -10.07 0.00	60.47 -11.52 0.00	66.36 -12.73 0.00	56.49 -12.38 6.14	55.98 -11.52 4.92	54.61 -10.47 2.04	53.16 -9.96 3.74	57.90 -9.93 0.14	49.08 -9.18 6.40	55.43 -9.36 4.01	57.76 -9.99 7.92	55.00 -9.35 3.38	49.45 -8.79 3.20	47.84 -8.35 4.34	45.77 -7.74 3.83	45.78 -6.90 0.00	44.39 -6.46 0.00
NIAGARA___115KV_198_GIBSON 55903	51.39 -6.48 0.00	49.01 -6.75 0.00	46.17 -5.59 0.00	44.86 -4.98 0.00	46.55 -5.81 0.00	48.65 -8.05 0.00	53.04 -10.63 0.00	58.71 -11.27 0.00	59.32 -12.67 0.00	64.94 -14.16 0.00	56.18 -12.45 6.38	55.64 -11.66 5.12	54.33 -10.67 2.12	52.68 -10.30 3.89	56.54 -11.28 0.15	48.54 -9.44 6.68	55.20 -9.42 4.17	57.38 -10.07 8.23	54.80 -9.41 3.51	49.33 -8.79 3.33	47.53 -8.47 4.53	45.49 -7.86 3.99	44.94 -7.74 0.00	44.59 -6.25 0.00
NIAGARA___ 23760	52.38 -5.50 0.00	49.95 -5.80 0.00	46.95 -4.81 0.00	45.66 -4.19 0.00	47.43 -4.92 0.00	48.88 -7.83 0.00	53.93 -9.74 0.00	59.90 -10.07 0.00	60.47 -11.52 0.00	66.36 -12.73 0.00	56.49 -12.38 6.14	55.98 -11.52 4.93	54.61 -10.47 2.04	53.16 -9.96 3.75	57.90 -9.93 0.15	49.08 -9.18 6.40	55.43 -9.36 4.01	57.76 -9.99 7.92	55.00 -9.35 3.38	49.45 -8.79 3.20	47.84 -8.35 4.34	45.77 -7.74 3.83	45.78 -6.90 0.00	44.39 -6.46 0.00
NINE_MILE_1 23575	55.39 -2.49 0.00	53.30 -2.45 0.00	49.54 -2.22 0.00	47.76 -2.09 0.00	50.11 -2.25 0.00	54.10 -2.61 0.00	60.68 -2.99 0.00	66.83 -3.15 0.00	68.68 -3.31 0.00	75.54 -3.56 0.00	71.71 -3.30 0.00	69.31 -3.11 0.00	64.16 -2.95 0.00	64.00 -2.87 0.00	65.05 -2.92 0.00	62.00 -2.65 0.00	65.97 -2.82 0.00	72.65 -3.03 0.00	64.88 -2.84 0.00	58.81 -2.64 0.00	57.93 -2.60 0.00	54.82 -2.52 0.00	50.42 -2.26 0.00	48.61 -2.24 0.00
NINE_MILE_2 23744	55.39 -2.49 0.00	53.30 -2.45 0.00	49.54 -2.22 0.00	47.76 -2.09 0.00	50.11 -2.25 0.00	54.10 -2.61 0.00	60.74 -2.93 0.00	66.90 -3.08 0.00	68.68 -3.31 0.00	75.54 -3.56 0.00	71.71 -3.30 0.00	69.31 -3.11 0.00	64.16 -2.95 0.00	64.00 -2.87 0.00	65.05 -2.92 0.00	62.00 -2.65 0.00	65.97 -2.82 0.00	72.73 -2.95 0.00	64.88 -2.84 0.00	58.81 -2.64 0.00	57.93 -2.60 0.00	54.88 -2.46 0.00	50.42 -2.26 0.00	48.61 -2.24 0.00
NM_CAPITAL___DRP 24208	59.55 1.68 0.00	57.48 1.73 0.00	53.21 1.45 0.00	51.24 1.40 0.00	53.88 1.52 0.00	58.52 1.81 0.00	65.58 1.91 0.00	71.44 1.47 0.00	73.64 1.66 0.00	80.76 1.66 0.00	76.73 1.73 0.00	73.94 1.52 0.00	68.66 1.54 0.00	68.34 1.47 0.00	69.47 1.50 0.00	66.08 1.42 0.00	70.31 1.51 0.00	77.19 1.51 0.00	69.21 1.49 0.00	62.86 1.41 0.00	61.99 1.45 0.00	58.83 1.49 0.00	54.21 1.53 0.00	52.22 1.37 0.00
NM_CENTRAL___DRP 24181	56.37 -1.50 0.00	54.25 -1.51 0.00	50.42 -1.35 0.00	48.60 -1.25 0.00	51.00 -1.36 0.00	55.12 -1.59 0.00	61.83 -1.85 0.00	68.15 -1.82 0.00	70.04 -1.94 0.00	77.12 -1.98 0.00	73.21 -1.80 0.00	70.83 -1.59 0.00	65.50 -1.61 0.00	65.33 -1.54 0.00	66.41 -1.56 0.00	63.17 -1.49 0.00	67.35 -1.44 0.00	74.16 -1.51 0.00	66.16 -1.56 0.00	59.91 -1.54 0.00	59.02 -1.51 0.00	55.85 -1.49 0.00	51.31 -1.37 0.00	49.73 -1.12 0.00

NM_FRONTIER___DRP 24179	51.39 -6.48 0.00	49.01 -6.75 0.00	46.17 -5.59 0.00	44.86 -4.98 0.00	46.55 -5.81 0.00	48.65 -8.05 0.00	53.04 -10.63 0.00	58.71 -11.27 0.00	59.32 -12.67 0.00	64.94 -14.16 0.00	56.18 -12.45 6.38	55.64 -11.66 5.12	54.33 -10.67 2.12	52.68 -10.30 3.89	56.54 -11.28 0.15	48.54 -9.44 6.68	55.20 -9.42 4.17	57.38 -10.07 8.23	54.80 -9.41 3.51	49.33 -8.79 3.33	47.53 -8.47 4.53	45.49 -7.86 3.99	44.94 -7.74 0.00	44.59 -6.25 0.00
NM_ST_REGIS___HYD 24053	59.90 2.03 0.00	57.71 1.95 0.00	53.73 1.97 0.00	51.74 1.89 0.00	54.45 2.09 0.00	58.69 1.98 0.00	66.28 2.61 0.00	72.28 2.31 0.00	74.51 2.52 0.00	81.55 2.45 0.00	77.33 2.33 0.00	74.88 2.46 0.00	69.53 2.42 0.00	69.28 2.41 0.00	70.28 2.31 0.00	66.66 2.00 0.00	70.10 1.31 0.00	76.96 1.29 0.00	69.21 1.49 0.00	62.74 1.29 0.00	61.81 1.27 0.00	58.49 1.15 0.00	54.10 1.42 0.00	52.07 1.22 0.00
NORTHPORT___1 23551	61.47 3.59 -0.01	59.21 3.46 0.00	54.40 2.64 0.00	52.19 2.34 0.00	55.13 2.77 0.00	60.80 4.09 -0.01	68.46 4.78 -0.01	75.65 5.67 -0.01	77.90 5.90 -0.01	85.91 6.80 -0.01	96.37 5.63 -15.73	96.29 5.22 -18.65	94.24 4.90 -22.23	94.67 4.61 -23.19	94.52 4.69 -21.87	93.83 4.46 -24.72	106.52 4.74 -32.98	98.59 5.37 -17.53	91.61 4.81 -19.08	91.65 4.80 -25.41	88.59 4.78 -23.27	67.67 4.99 -5.34	57.43 4.74 -0.01	55.38 4.52 -0.01
NORTHPORT___2 23552	61.47 3.59 -0.01	59.21 3.46 0.00	54.40 2.64 0.00	52.19 2.34 0.00	55.13 2.77 0.00	60.80 4.09 -0.01	68.46 4.78 -0.01	75.65 5.67 -0.01	77.90 5.90 -0.01	85.91 6.80 -0.01	96.37 5.63 -15.73	96.29 5.22 -18.65	94.24 4.90 -22.23	94.67 4.61 -23.19	94.52 4.69 -21.87	93.83 4.46 -24.72	106.52 4.74 -32.98	98.59 5.37 -17.53	91.61 4.81 -19.08	91.65 4.80 -25.41	88.59 4.78 -23.27	67.67 4.99 -5.34	57.43 4.74 -0.01	55.38 4.52 -0.01
NORTHPORT___3 23553	61.41 3.53 -0.01	59.16 3.40 0.00	54.35 2.59 0.00	52.14 2.29 0.00	55.08 2.72 0.00	60.74 4.03 -0.01	68.33 4.65 -0.01	75.58 5.60 -0.01	77.76 5.76 -0.01	85.82 6.72 -0.01	96.37 5.63 -15.73	96.29 5.22 -18.65	94.18 4.84 -22.23	94.67 4.61 -23.19	94.46 4.62 -21.87	93.77 4.40 -24.72	106.52 4.74 -32.98	98.51 5.30 -17.53	91.54 4.74 -19.08	91.59 4.73 -25.41	88.53 4.72 -23.27	67.55 4.87 -5.34	57.32 4.64 -0.01	55.28 4.42 -0.01
NORTHPORT___4 23650	61.41 3.53 -0.01	59.16 3.40 0.00	54.35 2.59 0.00	52.14 2.29 0.00	55.08 2.72 0.00	60.74 4.03 -0.01	68.33 4.65 -0.01	75.58 5.60 -0.01	77.76 5.76 -0.01	85.82 6.72 -0.01	96.37 5.63 -15.73	96.29 5.22 -18.65	94.18 4.84 -22.23	94.67 4.61 -23.19	94.46 4.62 -21.87	93.77 4.40 -24.72	106.52 4.74 -32.98	98.51 5.30 -17.53	91.54 4.74 -19.08	91.59 4.73 -25.41	88.53 4.72 -23.27	67.55 4.87 -5.34	57.32 4.64 -0.01	55.28 4.42 -0.01
NORTHPORT___IC 23718	61.46 3.59 0.00	59.21 3.46 0.00	54.19 2.43 0.00	52.19 2.34 0.00	55.13 2.77 0.00	60.68 3.97 0.00	68.38 4.71 0.00	75.64 5.67 0.00	77.82 5.83 0.00	85.82 6.72 0.00	96.37 5.63 -15.73	96.36 5.29 -18.65	94.31 4.97 -22.23	94.80 4.75 -23.19	94.80 4.96 -21.87	94.02 4.66 -24.72	106.93 5.16 -32.98	98.89 5.68 -17.53	91.88 5.08 -19.08	91.65 4.79 -25.41	88.59 4.78 -23.27	67.67 4.99 -5.34	57.37 4.69 0.00	55.07 4.22 0.00
NORTH___COUNTRY_ESR 323785	59.21 1.33 0.00	57.09 1.34 0.00	53.10 1.34 0.00	51.20 1.35 0.00	53.82 1.46 0.00	58.12 1.42 0.00	65.45 1.78 0.00	71.58 1.61 0.00	73.71 1.72 0.00	80.76 1.66 0.00	76.59 1.58 0.00	74.01 1.59 0.00	68.72 1.61 0.00	68.41 1.54 0.00	69.60 1.63 0.00	66.01 1.36 0.00	70.10 1.30 0.00	76.81 1.14 0.00	69.01 1.28 0.00	62.61 1.16 0.00	61.63 1.09 0.00	58.09 0.74 0.00	53.47 0.79 0.00	51.46 0.61 0.00
NPX_GEN_1385_PROXY 323591	61.47 3.59 -0.01	59.49 3.74 0.00	54.71 2.95 0.00	52.44 2.59 0.00	55.39 3.04 0.00	61.42 4.70 -0.01	69.09 5.41 -0.01	77.32 6.72 -0.63	80.83 5.90 -2.94	82.20 6.64 3.54	95.99 5.25 -15.73	95.71 4.64 -18.65	94.11 4.77 -22.23	94.40 4.34 -23.19	94.39 4.55 -21.87	93.70 4.33 -24.72	106.38 4.61 -32.98	98.59 5.37 -17.53	91.61 4.81 -19.08	91.65 4.80 -25.41	88.59 4.78 -23.27	67.90 5.22 -5.34	58.43 5.74 -0.01	55.94 5.08 -0.01
NPX_GEN_CSC 323557	62.34 4.46 -0.01	59.94 4.18 0.00	55.02 3.26 0.00	52.79 2.94 0.00	55.81 3.45 0.00	61.71 4.99 -0.01	69.47 5.79 -0.01	77.53 6.93 -0.63	82.13 7.20 -2.94	83.93 8.38 3.54	97.34 6.60 -15.73	97.22 6.15 -18.65	95.18 5.84 -22.23	95.47 5.41 -23.19	95.68 5.85 -21.87	94.93 5.56 -24.72	107.34 5.57 -32.98	99.04 5.83 -17.53	92.15 5.35 -19.08	92.39 5.53 -25.41	89.62 5.81 -23.27	68.59 5.91 -5.34	58.06 5.38 -0.01	56.09 5.24 -0.01
NSINS_S_GLNS_FALLS 23858	60.60 2.72 0.00	58.49 2.73 0.00	54.09 2.33 0.00	52.24 2.39 0.00	54.82 2.46 0.00	59.71 3.01 0.00	67.17 3.50 0.00	73.75 3.78 0.00	76.38 4.39 0.00	83.92 4.82 0.00	79.81 4.80 0.00	76.84 4.42 0.00	70.87 3.76 0.00	70.41 3.54 0.00	71.57 3.60 0.00	67.89 3.23 0.00	72.44 3.65 0.00	79.99 4.31 0.00	71.38 3.66 0.00	64.40 2.95 0.00	63.50 2.97 0.00	60.27 2.92 0.00	55.21 2.53 0.00	53.24 2.39 0.00
NUCOR_STEEL___DRP 24197	57.18 -0.69 0.00	54.92 -0.84 0.00	51.14 -0.62 0.00	49.30 -0.55 0.00	51.68 -0.68 0.00	55.80 -0.91 0.00	62.59 -1.08 0.00	68.99 -0.98 0.00	70.84 -1.15 0.00	77.99 -1.11 0.00	74.03 -0.98 0.00	71.70 -0.72 0.00	66.18 -0.94 0.00	66.07 -0.80 0.00	67.15 -0.82 0.00	63.94 -0.71 0.00	68.17 -0.62 0.00	75.15 -0.53 0.00	66.98 -0.74 0.00	60.65 -0.80 0.00	59.75 -0.79 0.00	56.48 -0.86 0.00	51.89 -0.79 0.00	50.29 -0.56 0.00
NUMBER_THREE_WT_PWR 323818	59.32 1.45 0.00	56.98 1.23 0.00	52.95 1.19 0.00	51.00 1.15 0.00	53.56 1.21 0.00	58.07 1.36 0.00	65.45 1.78 0.00	71.16 1.19 0.00	73.14 1.15 0.00	80.52 1.43 0.00	76.21 1.20 0.00	74.01 1.59 0.00	68.32 1.21 0.00	68.08 1.20 0.00	69.33 1.36 0.00	66.66 2.01 0.00	70.58 1.79 0.00	76.81 1.14 0.00	68.67 0.95 0.00	62.00 0.55 0.00	61.08 0.54 0.00	57.69 0.35 0.00	52.89 0.21 0.00	51.00 0.15 0.00
NYISO_LBMP_REFERENCE 24008	57.88 0.00 0.00	55.75 0.00 0.00	51.76 0.00 0.00	49.85 0.00 0.00	52.36 0.00 0.00	56.71 0.00 0.00	63.67 0.00 0.00	69.97 0.00 0.00	71.99 0.00 0.00	79.09 0.00 0.00	75.01 0.00 0.00	72.42 0.00 0.00	67.12 0.00 0.00	66.87 0.00 0.00	67.97 0.00 0.00	64.65 0.00 0.00	68.79 0.00 0.00	75.68 0.00 0.00	67.72 0.00 0.00	61.45 0.00 0.00	60.54 0.00 0.00	57.34 0.00 0.00	52.68 0.00 0.00	50.85 0.00 0.00
NYPA_BRENTWD____GT 24164	62.23 4.34 -0.01	59.82 4.07 0.00	54.97 3.21 0.00	52.69 2.84 0.00	55.71 3.35 0.00	61.48 4.76 -0.01	69.22 5.54 -0.01	76.56 6.58 -0.01	78.84 6.84 -0.01	87.01 7.91 -0.01	97.49 6.75 -15.73	97.37 6.30 -18.65	95.12 5.77 -22.23	95.60 5.55 -23.19	95.48 5.64 -21.87	94.80 5.43 -24.72	107.55 5.78 -32.98	99.64 6.43 -17.53	92.63 5.82 -19.08	92.51 5.65 -25.41	89.50 5.69 -23.27	68.42 5.73 -5.34	58.01 5.32 -0.01	55.99 5.13 -0.01

NYPA_GOWANUS____GT5 24156	60.25	58.32	53.99	51.59	54.51	59.65	66.92	73.68	76.09	84.08	79.74	76.84	71.28	70.88	71.91	68.34	72.85	80.06	71.44	65.63	64.71	61.71	56.43	54.52
	2.37	2.57	2.22	1.74	2.15	2.95	3.25	3.71	4.10	4.99	4.73	4.42	4.16	4.01	3.94	3.68	4.06	4.39	3.72	4.18	4.17	4.36	3.74	3.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	-0.01
NYPA_GOWANUS____GT6 24157	60.25	58.32	53.99	51.59	54.51	59.65	66.92	73.68	76.09	84.08	79.74	76.84	71.28	70.88	71.91	68.34	72.85	80.06	71.44	65.63	64.71	61.71	56.43	54.52
	2.37	2.57	2.22	1.74	2.15	2.95	3.25	3.71	4.10	4.99	4.73	4.42	4.16	4.01	3.94	3.68	4.06	4.39	3.72	4.18	4.17	4.36	3.74	3.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	-0.01
NYPA_HARLEM__RVR__GT1 24160	60.13	58.20	53.83	51.44	54.30	59.32	66.53	73.25	75.72	83.59	79.27	76.39	70.93	70.54	71.49	68.07	72.43	79.53	71.17	65.25	64.34	61.35	56.09	54.21
	2.25	2.45	2.07	1.59	1.94	2.61	2.87	3.29	3.74	4.51	4.27	3.98	3.82	3.68	3.53	3.42	3.64	3.86	3.45	3.81	3.82	4.01	3.42	3.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01
NYPA_HARLEM__RVR__GT2 24161	60.13	58.20	53.83	51.44	54.30	59.32	66.53	73.25	75.72	83.59	79.27	76.39	70.93	70.54	71.49	68.07	72.43	79.53	71.17	65.25	64.34	61.35	56.09	54.21
	2.25	2.45	2.07	1.59	1.94	2.61	2.87	3.29	3.74	4.51	4.27	3.98	3.82	3.68	3.53	3.42	3.64	3.86	3.45	3.81	3.82	4.01	3.42	3.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01
NYPA_KENT____GT 24152	60.31	58.32	53.99	51.64	54.51	59.65	66.98	73.75	76.16	84.16	79.74	76.84	71.28	70.88	71.91	68.41	72.85	80.06	71.51	65.63	64.71	61.71	56.43	54.52
	2.43	2.57	2.22	1.79	2.15	2.95	3.31	3.78	4.17	5.07	4.73	4.42	4.16	4.01	3.94	3.75	4.06	4.39	3.79	4.18	4.17	4.36	3.74	3.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	-0.01
NYPA_POUCH1____GT 24155	60.25	58.49	54.09	51.69	54.56	59.71	63.18	63.94	63.96	64.02	63.98	76.83	71.21	70.81	71.84	68.34	72.92	80.14	71.31	65.69	64.83	61.83	56.59	54.62
	2.37	2.73	2.33	1.85	2.20	3.00	3.25	3.64	4.03	4.99	4.73	4.42	4.09	3.94	3.87	3.68	4.13	4.46	3.59	4.24	4.30	4.48	3.90	3.76
	0.00	0.00	0.00	0.00	0.00	0.00	3.74	9.67	12.06	20.06	15.76	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	-0.01
NYPA_VERNON____GT2 24162	60.36	58.32	53.99	51.69	54.51	59.65	67.04	73.82	76.23	84.16	79.74	76.84	71.35	70.95	71.91	68.41	72.78	79.99	71.58	65.57	64.71	61.71	56.43	54.52
	2.49	2.57	2.22	1.85	2.15	2.95	3.37	3.85	4.25	5.07	4.73	4.42	4.23	4.08	3.94	3.75	3.99	4.31	3.86	4.12	4.17	4.36	3.74	3.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	-0.01
NYPA_VERNON____GT3 24163	60.36	58.32	53.99	51.69	54.51	59.65	67.04	73.82	76.23	84.16	79.74	76.84	71.35	70.95	71.91	68.41	72.78	79.99	71.58	65.57	64.71	61.71	56.43	54.52
	2.49	2.57	2.22	1.85	2.15	2.95	3.37	3.85	4.25	5.07	4.73	4.42	4.23	4.08	3.94	3.75	3.99	4.31	3.86	4.12	4.17	4.36	3.74	3.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	-0.01
NYPA____ASTORIA_CC1 323568	60.36	58.32	53.99	51.64	54.51	59.65	66.98	73.75	76.09	84.08	79.66	76.77	71.28	70.88	71.84	68.41	72.78	79.99	71.58	65.57	64.65	61.71	56.43	54.52
	2.49	2.57	2.22	1.79	2.15	2.95	3.31	3.78	4.10	4.99	4.65	4.34	4.16	4.01	3.87	3.75	3.99	4.31	3.86	4.12	4.12	4.36	3.74	3.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	-0.01
NYPA____ASTORIA_CC2 323569	60.36	58.32	53.99	51.64	54.51	59.65	66.98	73.75	76.09	84.08	79.66	76.77	71.28	70.88	71.84	68.41	72.78	79.99	71.58	65.57	64.65	61.71	56.43	54.52
	2.49	2.57	2.22	1.79	2.15	2.95	3.31	3.78	4.10	4.99	4.65	4.34	4.16	4.01	3.87	3.75	3.99	4.31	3.86	4.12	4.12	4.36	3.74	3.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	-0.01
NYPA____HOLTSVILL 23794	61.93	59.60	54.71	52.49	55.45	61.25	68.96	76.28	78.55	86.77	96.89	96.79	94.64	95.07	95.00	94.35	106.94	98.89	91.95	92.02	89.07	68.07	57.74	55.74
	4.05	3.84	2.95	2.64	3.09	4.54	5.28	6.30	6.55	7.67	6.15	5.72	5.30	5.02	5.16	4.98	5.16	5.68	5.14	5.16	5.26	5.39	5.06	4.88
	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-15.73	-18.65	-22.23	-23.19	-21.87	-24.72	-32.98	-17.53	-19.08	-25.41	-23.27	-5.34	-0.01	-0.01
NYPA____HELLGATE_GT1 24158	60.13	58.20	53.83	51.44	54.30	59.32	66.53	73.25	75.72	83.59	79.27	76.39	70.93	70.54	71.49	68.07	72.36	79.45	71.10	65.19	64.34	61.35	56.09	54.21
	2.25	2.45	2.07	1.59	1.94	2.61	2.87	3.29	3.74	4.51	4.27	3.98	3.82	3.68	3.53	3.42	3.57	3.78	3.38	3.75	3.82	4.01	3.42	3.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01
NYPA____HELLGATE_GT2 24159	60.13	58.20	53.83	51.44	54.30	59.32	66.53	73.25	75.72	83.59	79.27	76.39	70.93	70.54	71.49	68.07	72.36	79.45	71.10	65.19	64.34	61.35	56.09	54.21
	2.25	2.45	2.07	1.59	1.94	2.61	2.87	3.29	3.74	4.51	4.27	3.98	3.82	3.68	3.53	3.42	3.57	3.78	3.38	3.75	3.82	4.01	3.42	3.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01
NYS_BARGE____HYD 23848	52.78	50.35	47.26	46.01	47.80	48.88	54.00	60.04	60.62	66.44	57.37	56.84	55.45	54.04	58.11	49.97	56.34	58.98	55.46	50.31	48.67	46.56	45.83	44.85
	-5.09	-5.41	-4.50	-3.84	-4.56	-7.83	-9.68	-9.94	-11.37	-12.66	-11.85	-10.94	-9.73	-9.29	-9.72	-8.54	-8.67	-9.24	-9.07	-8.11	-7.69	-7.11	-6.85	-6.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.79	4.64	1.93	3.53	0.14	6.15	3.79	7.46	3.19	3.02	4.17	3.67	0.00	0.00
OAK ORCHARD____HYD 24046	54.86	52.58	49.07	47.51	49.63	52.39	58.52	64.87	66.09	72.69	68.95	67.00	61.95	62.26	63.28	60.45	64.60	71.38	63.33	57.03	56.60	53.39	48.99	47.29
	-3.01	-3.18	-2.69	-2.34	-2.72	-4.31	-5.16	-5.11	-5.90	-6.40	-6.07	-5.43	-5.17	-4.61	-4.69	-4.20	-4.20	-4.31	-4.40	-4.42	-3.93	-3.96	-3.69	-3.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.00	-0.01	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00

OAKDALE___35_KV_LOAD 356122	57.12 -0.75 0.00	54.92 -0.84 0.00	51.09 -0.67 0.00	49.30 -0.55 0.00	51.62 -0.73 0.00	55.63 -1.08 0.00	62.34 -1.34 0.00	68.64 -1.33 0.00	70.98 -1.01 0.00	77.99 -1.11 0.00	73.88 -1.13 0.01	71.40 -1.01 0.00	66.04 -1.07 0.00	65.80 -1.07 0.00	67.15 -0.82 0.00	63.68 -0.97 0.00	67.41 -1.38 0.00	74.23 -1.44 0.01	66.23 -1.49 0.00	60.03 -1.41 0.00	59.20 -1.33 0.00	56.08 -1.26 0.00	51.57 -1.11 0.00	50.08 -0.76 0.00
OCC_CHEM___DRP 24175	51.51 -6.37 0.00	49.12 -6.63 0.00	46.27 -5.49 0.00	44.96 -4.89 0.00	46.65 -5.71 0.00	48.77 -7.94 0.00	53.17 -10.51 0.00	58.85 -11.13 0.00	59.46 -12.53 0.00	65.09 -14.00 0.00	56.15 -12.45 6.41	55.62 -11.66 5.14	54.39 -10.60 2.13	52.73 -10.23 3.91	56.67 -11.15 0.15	48.51 -9.44 6.71	55.18 -9.42 4.19	57.35 -10.07 8.27	54.78 -9.41 3.52	49.31 -8.79 3.34	47.50 -8.47 4.56	45.47 -7.86 4.01	45.04 -7.64 0.00	44.70 -6.15 0.00
OH_GEN_PROXY 24063	52.43 -5.44 0.00	50.07 -5.69 0.00	47.00 -4.76 0.00	45.76 -4.09 0.00	47.49 -4.87 0.00	49.05 -7.66 0.00	54.12 -9.55 0.00	60.79 -9.80 -0.62	63.62 -11.30 -2.93	63.05 -12.49 3.55	57.29 -12.15 5.57	56.66 -11.30 4.47	55.00 -10.27 1.85	53.71 -9.76 3.40	58.12 -9.72 0.13	49.87 -8.98 5.80	56.01 -9.15 3.64	58.73 -9.76 7.19	55.59 -9.07 3.06	50.00 -8.54 2.91	48.42 -8.17 3.94	46.30 -7.57 3.47	45.88 -6.80 0.00	44.49 -6.36 0.00
OLIN_CORP_DRP 24177	52.38 -5.50 0.00	49.96 -5.80 0.00	47.05 -4.71 0.00	45.71 -4.14 0.00	47.44 -4.92 0.00	48.99 -7.71 0.00	53.48 -10.19 0.00	59.20 -10.78 0.00	59.82 -12.17 0.00	65.49 -13.60 0.00	56.18 -12.53 6.30	55.56 -11.80 5.06	54.34 -10.67 2.10	52.79 -10.23 3.85	57.01 -10.81 0.15	48.61 -9.31 6.73	55.38 -9.29 4.12	57.56 -9.99 8.13	54.90 -9.35 3.47	49.42 -8.73 3.30	47.67 -8.29 4.57	45.64 -7.68 4.02	45.25 -7.43 0.00	45.41 -5.44 0.00
OLIN_CORP_DSASP 323712	51.51 -6.37 0.00	49.12 -6.63 0.00	46.27 -5.49 0.00	44.96 -4.89 0.00	46.65 -5.71 0.00	48.77 -7.94 0.00	53.17 -10.51 0.00	58.85 -11.13 0.00	59.46 -12.53 0.00	65.09 -14.00 0.00	56.15 -12.45 6.41	55.62 -11.66 5.14	54.39 -10.60 2.13	52.73 -10.23 3.91	56.67 -11.15 0.15	48.51 -9.44 6.71	55.18 -9.42 4.19	57.35 -10.07 8.27	54.78 -9.41 3.52	49.31 -8.79 3.34	47.50 -8.47 4.56	45.47 -7.86 4.01	45.04 -7.64 0.00	44.70 -6.15 0.00
ONEIDA_HERK_LFGE 323681	59.21 1.33 0.00	56.93 1.17 0.00	52.85 1.09 0.00	50.94 1.10 0.00	53.51 1.15 0.00	58.01 1.31 0.00	65.32 1.65 0.00	71.58 1.61 0.00	73.57 1.58 0.00	80.99 1.90 0.00	76.74 1.73 0.00	74.30 1.88 0.00	68.66 1.54 0.00	68.41 1.54 0.00	69.60 1.63 0.00	66.53 1.88 0.00	70.65 1.86 0.00	77.34 1.66 0.00	69.15 1.42 0.00	62.49 1.04 0.00	61.50 0.97 0.00	58.15 0.80 0.00	53.31 0.63 0.00	51.46 0.61 0.00
ONEIDA___115KV_TB4 55905	59.09 1.22 0.00	56.81 1.06 0.00	52.80 1.04 0.00	50.90 1.05 0.00	53.46 1.10 0.00	58.01 1.30 0.00	65.26 1.59 0.00	71.79 1.82 0.00	73.79 1.80 0.00	81.23 2.14 0.00	76.96 1.95 0.00	74.45 2.03 0.00	68.73 1.61 0.00	68.54 1.67 0.00	69.74 1.77 0.00	66.40 1.75 0.00	70.65 1.86 0.00	77.64 1.97 0.00	69.21 1.49 0.00	62.61 1.17 0.00	61.63 1.09 0.00	58.26 0.92 0.00	53.42 0.74 0.00	51.66 0.81 0.00
ONONDAGA_REF_OCCRA 23987	56.78 -1.10 0.00	54.58 -1.17 0.00	50.78 -0.98 0.00	48.90 -0.95 0.00	51.31 -1.05 0.00	55.46 -1.25 0.00	62.27 -1.40 0.00	68.64 -1.33 0.00	70.55 -1.44 0.00	77.59 -1.50 0.00	73.73 -1.28 0.00	71.26 -1.16 0.00	65.91 -1.21 0.00	65.73 -1.14 0.00	66.81 -1.16 0.00	63.62 -1.03 0.00	67.83 -0.96 0.00	74.69 -0.98 0.00	66.64 -1.08 0.00	60.34 -1.11 0.00	59.45 -1.09 0.00	56.20 -1.15 0.00	51.68 -1.00 0.00	50.03 -0.81 0.00
ONONDAGA___COGEN 23986	56.83 -1.04 0.00	54.64 -1.12 0.00	50.83 -0.93 0.00	48.95 -0.90 0.00	51.36 -0.99 0.00	55.52 -1.19 0.00	62.34 -1.34 0.00	68.64 -1.33 0.00	70.55 -1.44 0.00	77.67 -1.42 0.00	73.73 -1.28 0.00	71.33 -1.09 0.00	65.97 -1.14 0.00	65.80 -1.07 0.00	66.88 -1.09 0.00	63.68 -0.97 0.00	67.90 -0.89 0.00	74.77 -0.91 0.00	66.71 -1.02 0.00	60.40 -1.04 0.00	59.51 -1.03 0.00	56.25 -1.09 0.00	51.73 -0.95 0.00	50.03 -0.81 0.00
ONTARIO___LFGE 23819	56.95 -0.93 0.00	54.58 -1.17 0.00	50.83 -0.93 0.00	49.15 -0.70 0.00	51.42 -0.94 0.00	54.95 -1.76 0.00	61.57 -2.10 0.00	67.52 -2.45 0.00	69.11 -2.88 0.00	76.01 -3.09 0.00	76.19 -3.00 -4.19	73.18 -2.60 -3.36	65.89 -2.62 -1.40	66.95 -2.47 -2.56	65.69 -2.38 -0.10	66.80 -2.26 -4.41	69.19 -2.34 -2.74	78.88 -2.20 -5.40	67.93 -2.10 -2.31	61.50 -2.15 -2.20	61.25 -2.30 -3.01	57.64 -2.35 -2.65	50.99 -1.69 0.00	49.32 -1.52 0.00
ORANGEVILLE_WT_PWR 323706	54.23 -3.64 0.00	51.69 -4.07 0.00	48.40 -3.36 0.00	46.96 -2.89 0.00	48.85 -3.51 0.00	50.87 -5.84 0.00	56.54 -7.13 0.00	62.55 -7.42 0.00	63.49 -8.50 0.00	69.60 -9.49 0.00	38.22 -9.68 27.11	41.61 -9.06 21.76	49.75 -8.32 9.04	41.82 -8.49 16.55	59.11 -8.23 0.63	27.99 -8.15 28.52	42.73 -8.33 17.73	31.78 -8.93 34.97	45.01 -7.79 14.93	39.92 -7.31 14.21	33.54 -7.57 19.43	33.23 -7.00 17.11	46.46 -6.22 0.00	45.20 -5.65 0.00
ORANGEVILLE___ESR 323794	54.23 -3.64 0.00	51.69 -4.07 0.00	48.40 -3.36 0.00	46.96 -2.89 0.00	48.85 -3.51 0.00	50.87 -5.84 0.00	56.54 -7.13 0.00	62.55 -7.42 0.00	63.49 -8.50 0.00	69.60 -9.49 0.00	38.22 -9.68 27.11	41.61 -9.06 21.76	49.75 -8.32 9.04	41.82 -8.49 16.55	59.11 -8.23 0.63	27.99 -8.15 28.52	42.73 -8.33 17.73	31.78 -8.93 34.97	45.01 -7.79 14.93	39.92 -7.31 14.21	33.54 -7.57 19.43	33.23 -7.00 17.11	46.46 -6.22 0.00	45.20 -5.65 0.00
OSWEGATCHIE___HYD 24044	59.21 1.33 0.00	56.98 1.23 0.00	52.95 1.19 0.00	51.04 1.19 0.00	53.61 1.25 0.00	57.90 1.19 0.00	65.39 1.72 0.00	71.23 1.26 0.00	73.28 1.30 0.00	80.52 1.43 0.00	76.28 1.27 0.00	74.16 1.74 0.00	68.66 1.54 0.00	68.34 1.47 0.00	69.60 1.63 0.00	66.33 1.68 0.00	69.96 1.17 0.00	76.36 0.68 0.00	68.47 0.75 0.00	61.88 0.43 0.00	60.96 0.43 0.00	57.69 0.35 0.00	53.26 0.58 0.00	51.30 0.46 0.00
OSWEGO___5 23606	55.85 -2.03 0.00	53.75 -2.00 0.00	49.95 -1.81 0.00	48.15 -1.70 0.00	50.52 -1.83 0.00	54.49 -2.21 0.00	61.19 -2.48 0.00	67.39 -2.59 0.00	69.25 -2.74 0.00	76.17 -2.92 0.00	72.24 -2.77 0.00	69.88 -2.54 0.00	64.63 -2.48 0.00	64.53 -2.34 0.00	65.59 -2.38 0.00	62.46 -2.20 0.00	66.45 -2.34 0.00	73.25 -2.42 0.00	65.42 -2.30 0.00	59.24 -2.21 0.00	58.42 -2.12 0.00	55.28 -2.06 0.00	50.78 -1.89 0.00	49.02 -1.83 0.00
OSWEGO___6 23613	55.85 -2.03 0.00	53.75 -2.00 0.00	49.95 -1.81 0.00	48.15 -1.70 0.00	50.52 -1.83 0.00	54.49 -2.21 0.00	61.19 -2.48 0.00	67.39 -2.59 0.00	69.25 -2.74 0.00	76.17 -2.92 0.00	72.24 -2.77 0.00	69.88 -2.54 0.00	64.63 -2.48 0.00	64.53 -2.34 0.00	65.59 -2.38 0.00	62.46 -2.20 0.00	66.45 -2.34 0.00	73.25 -2.42 0.00	65.42 -2.30 0.00	59.24 -2.21 0.00	58.42 -2.12 0.00	55.28 -2.06 0.00	50.78 -1.89 0.00	49.02 -1.83 0.00

OUTOKUMPU-AB___DRP 24206	52.96 -4.92 0.00	50.46 -5.30 0.00	47.52 -4.24 0.00	46.11 -3.74 0.00	47.91 -4.45 0.00	50.02 -6.69 0.00	54.82 -8.85 0.00	60.67 -9.31 0.00	61.33 -10.65 0.00	67.07 -12.02 0.00	57.04 -11.25 6.72	56.60 -10.43 5.39	55.35 -9.53 2.23	53.54 -9.23 4.10	58.30 -9.52 0.16	48.91 -8.66 7.08	55.87 -8.53 4.39	57.93 -9.08 8.66	55.49 -8.53 3.70	50.01 -7.93 3.51	47.98 -7.75 4.81	46.06 -7.05 4.23	46.04 -6.64 0.00	45.81 -5.03 0.00
OXBOW___BTM 323836	52.26 -5.61 0.00	49.84 -5.91 0.00	46.79 -4.97 0.00	45.56 -4.29 0.00	47.33 -5.03 0.00	48.71 -7.99 0.00	53.80 -9.87 0.00	59.83 -10.15 0.00	60.40 -11.59 0.00	66.20 -12.89 0.00	56.60 -11.85 6.57	56.22 -10.94 5.27	55.07 -9.86 2.18	53.37 -9.50 4.01	57.76 -10.06 0.15	48.97 -8.79 6.89	55.56 -8.94 4.29	57.75 -9.46 8.47	54.63 -9.48 3.61	49.72 -8.30 3.43	47.80 -8.05 4.68	45.82 -7.40 4.13	45.52 -7.16 0.00	44.24 -6.61 0.00
OXBOW___ 24026	52.26 -5.61 0.00	49.84 -5.91 0.00	46.95 -4.81 0.00	45.56 -4.29 0.00	47.33 -5.03 0.00	49.45 -7.26 0.00	54.06 -9.61 0.00	59.83 -10.15 0.00	60.47 -11.52 0.00	66.20 -12.89 0.00	56.67 -11.78 6.57	56.22 -10.94 5.27	54.93 -10.00 2.18	53.17 -9.70 4.01	57.55 -10.26 0.15	48.77 -8.99 6.89	55.63 -8.87 4.29	57.75 -9.46 8.47	55.24 -8.87 3.61	49.72 -8.30 3.43	47.80 -8.05 4.68	45.82 -7.40 4.13	45.57 -7.11 0.00	45.31 -5.54 0.00
OXY_CHEM_DSASP 323612	51.51 -6.37 0.00	49.12 -6.63 0.00	46.27 -5.49 0.00	44.96 -4.89 0.00	46.65 -5.71 0.00	48.77 -7.94 0.00	53.17 -10.51 0.00	58.85 -11.13 0.00	59.46 -12.53 0.00	65.09 -14.00 0.00	56.15 -12.45 6.41	55.62 -11.66 5.14	54.39 -10.60 2.13	52.73 -10.23 3.91	56.67 -11.15 0.15	48.51 -9.44 6.71	55.18 -9.42 4.19	57.35 -10.07 8.27	54.78 -9.41 3.52	49.31 -8.79 3.34	47.50 -8.47 4.56	45.47 -7.86 4.01	45.04 -7.64 0.00	44.70 -6.15 0.00
OZONE_PARK_ESR 323760	60.54 2.66 0.00	58.37 2.62 0.00	53.99 2.23 0.00	51.84 1.99 0.00	54.61 2.25 0.00	59.66 2.95 0.00	67.24 3.57 0.00	74.38 4.41 0.00	76.74 4.75 0.00	84.63 5.54 0.00	80.11 5.10 0.00	77.27 4.85 0.00	71.61 4.50 0.00	71.22 4.35 0.00	72.39 4.42 0.00	68.79 4.14 0.00	73.47 4.68 0.00	80.90 5.22 0.00	72.26 4.54 0.00	65.81 4.36 0.00	64.83 4.30 0.00	61.87 4.53 0.00	56.47 3.79 0.00	54.36 3.51 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	51.51 -6.37 0.00	49.12 -6.63 0.00	46.27 -5.49 0.00	44.96 -4.89 0.00	46.65 -5.71 0.00	48.77 -7.94 0.00	53.17 -10.51 0.00	58.85 -11.13 0.00	59.46 -12.53 0.00	65.09 -14.00 0.00	56.15 -12.45 6.41	55.62 -11.66 5.14	54.39 -10.60 2.13	52.73 -10.23 3.91	56.67 -11.15 0.15	48.51 -9.44 6.71	55.18 -9.42 4.19	57.35 -10.07 8.27	54.78 -9.41 3.52	49.31 -8.79 3.34	47.50 -8.47 4.56	45.47 -7.86 4.01	45.04 -7.64 0.00	44.70 -6.15 0.00
PACKARD___115KV_DUPONT_184 80571	51.51 -6.37 0.00	49.12 -6.64 0.00	46.17 -5.59 0.00	44.97 -4.88 0.00	46.65 -5.71 0.00	48.03 -8.67 0.00	52.91 -10.76 0.00	58.85 -11.13 0.00	59.32 -12.67 0.00	65.09 -14.00 0.00	56.00 -12.60 6.41	55.62 -11.66 5.14	54.31 -10.67 2.13	52.86 -10.10 3.91	56.88 -10.94 0.15	48.64 -9.31 6.71	55.18 -9.42 4.19	57.35 -10.06 8.26	53.84 -10.36 3.52	49.19 -8.91 3.34	47.50 -8.48 4.56	45.48 -7.85 4.01	44.99 -7.69 0.00	43.57 -7.27 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	60.25 2.37 0.00	58.32 2.56 0.00	53.88 2.12 0.00	51.54 1.69 0.00	54.45 2.09 0.00	59.15 2.44 0.00	66.60 2.93 0.00	73.40 3.43 0.00	75.80 3.82 0.00	83.68 4.59 0.00	79.36 4.35 0.00	76.62 4.20 0.00	71.14 4.03 0.00	70.75 3.88 0.00	71.84 3.87 0.00	68.39 3.75 0.02	72.99 4.20 0.00	80.14 4.46 0.00	71.65 3.93 0.00	65.36 3.93 0.02	64.41 3.87 0.00	61.46 4.13 0.02	56.14 3.48 0.02	54.05 3.20 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	60.83 2.95 0.00	58.82 3.07 0.00	54.40 2.64 0.00	52.04 2.19 0.00	54.92 2.57 0.00	59.66 2.95 0.00	67.24 3.57 0.00	74.03 4.06 0.00	76.45 4.46 0.00	84.31 5.22 0.00	79.96 4.95 0.00	77.27 4.85 0.00	71.68 4.56 0.00	71.22 4.35 0.00	72.39 4.42 0.00	68.84 4.20 0.02	73.54 4.75 0.00	80.82 5.15 0.00	72.26 4.54 0.00	65.85 4.42 0.02	64.89 4.36 0.00	61.91 4.59 0.02	56.56 3.90 0.02	54.51 3.66 0.00
PATROON___115KV_TB1 80586	59.79 1.91 0.00	57.65 1.90 0.00	53.42 1.66 0.00	51.44 1.60 0.00	54.03 1.68 0.00	58.75 2.04 0.00	65.84 2.16 0.00	71.51 1.54 0.00	73.72 1.73 0.00	80.91 1.82 0.00	76.96 1.95 0.00	74.16 1.74 0.00	68.86 1.75 0.00	68.54 1.67 0.00	69.60 1.63 0.00	66.21 1.55 0.00	70.44 1.65 0.00	77.27 1.59 0.00	69.28 1.56 0.00	62.98 1.54 0.00	62.11 1.57 0.00	58.95 1.61 0.00	54.26 1.58 0.00	52.27 1.42 0.00
PATTRSNVILLE___SOLAR 323815	59.67 1.80 0.00	57.54 1.78 0.00	53.31 1.55 0.00	51.40 1.55 0.00	53.98 1.62 0.00	58.75 2.04 0.00	66.09 2.42 0.00	72.56 2.59 0.00	74.79 2.80 0.00	81.86 2.77 0.00	77.63 2.62 0.00	74.88 2.46 0.00	69.26 2.15 0.00	68.95 2.08 0.00	70.14 2.17 0.00	66.85 2.20 0.00	71.34 2.55 0.00	78.71 3.03 0.00	70.29 2.57 0.00	63.60 2.15 0.00	62.65 2.12 0.00	59.40 2.06 0.00	54.47 1.79 0.00	52.52 1.68 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	54.63 -3.24 0.00	52.02 -3.74 0.00	48.91 -2.85 0.00	47.46 -2.39 0.00	49.37 -2.98 0.00	51.77 -4.93 0.00	57.18 -6.49 0.00	63.05 -6.93 0.00	63.64 -8.35 0.00	69.60 -9.49 0.00	57.98 -10.13 6.90	57.47 -9.41 5.54	55.96 -8.86 2.29	53.70 -8.96 4.21	60.20 -7.61 0.16	48.46 -8.92 7.28	55.27 -9.01 4.51	57.09 -9.69 8.90	54.98 -8.94 3.80	49.59 -8.23 3.62	47.77 -7.81 4.96	46.32 -6.65 4.37	47.25 -5.43 0.00	46.98 -3.86 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	60.48 2.60 0.00	58.37 2.62 0.00	54.04 2.28 0.00	51.84 1.99 0.00	54.56 2.20 0.00	59.54 2.84 0.00	66.98 3.31 0.00	74.03 4.06 0.00	76.38 4.39 0.00	84.39 5.30 0.00	79.88 4.88 0.00	77.06 4.63 0.00	71.14 4.03 0.00	70.82 3.95 0.00	71.91 3.94 0.00	68.34 3.69 0.00	72.99 4.20 0.00	80.44 4.77 0.00	71.85 4.13 0.00	65.32 3.87 0.00	64.35 3.81 0.00	61.18 3.84 0.00	55.95 3.27 0.00	53.85 3.00 0.00
PEEKSKILL___ 23653	59.67 1.80 0.00	57.59 1.84 0.00	53.31 1.55 0.00	51.20 1.35 0.00	53.88 1.52 0.00	58.92 2.21 0.00	66.28 2.61 0.00	73.19 3.22 0.00	75.51 3.53 0.00	83.28 4.19 0.00	78.83 3.82 0.00	75.90 3.48 0.00	70.27 3.16 0.00	69.88 3.01 0.00	70.89 2.92 0.00	67.43 2.78 0.00	71.75 2.96 0.00	79.16 3.48 0.00	70.77 3.05 0.00	64.58 3.13 0.00	63.68 3.15 0.00	60.61 3.27 0.00	55.47 2.79 0.00	53.59 2.74 0.00
PGE MADISON___WINDPWR 24146	61.70 3.82 0.00	59.04 3.29 0.00	54.97 3.21 0.00	52.99 3.14 0.00	55.66 3.30 0.00	60.17 3.46 0.00	67.87 4.20 0.00	74.87 4.90 0.00	76.88 4.90 0.00	84.79 5.69 0.00	81.61 5.18 -1.42	78.63 5.07 -1.14	71.68 4.09 -0.48	72.02 4.28 -0.87	72.90 4.89 -0.03	70.68 4.53 -1.50	74.95 5.23 -0.93	83.41 5.90 -1.83	73.31 4.81 -0.78	66.00 3.81 -0.74	65.06 3.51 -1.02	60.88 2.64 -0.90	54.73 2.05 0.00	52.93 2.08 0.00

PIERCEFIELD___HYD 23852	59.73 1.85 0.00	57.48 1.73 0.00	53.52 1.76 0.00	51.54 1.69 0.00	54.19 1.83 0.00	58.46 1.76 0.00	65.96 2.29 0.00	71.93 1.96 0.00	74.08 2.09 0.00	81.15 2.06 0.00	76.96 1.95 0.00	74.52 2.10 0.00	69.26 2.15 0.00	68.94 2.07 0.00	70.01 2.04 0.00	66.40 1.75 0.00	69.69 0.89 0.00	76.43 0.76 0.00	68.74 1.02 0.00	62.31 0.86 0.00	61.38 0.85 0.00	58.20 0.86 0.00	53.89 1.21 0.00	51.92 1.07 0.00
PINELAWN_CC_1 323563	61.76 3.88 -0.01	59.38 3.62 0.00	54.61 2.84 0.00	52.34 2.49 0.00	55.29 2.93 0.00	61.02 4.31 -0.01	68.65 4.97 -0.01	75.93 5.94 -0.01	78.19 6.19 -0.01	86.30 7.20 -0.01	96.81 6.07 -15.73	96.72 5.65 -18.65	94.51 5.17 -22.23	95.07 5.02 -23.19	94.94 5.10 -21.87	94.22 4.85 -24.72	107.00 5.23 -32.98	99.12 5.91 -17.53	92.09 5.29 -19.08	92.02 5.16 -25.41	88.95 5.14 -23.27	67.90 5.22 -5.34	57.59 4.90 -0.01	55.59 4.73 -0.01
PJM_GEN_HTP_PROXY 323702	59.96 2.08 0.00	57.87 2.12 0.00	53.57 1.81 0.00	51.40 1.55 0.00	54.14 1.78 0.00	59.26 2.55 0.00	66.67 2.99 0.00	74.30 3.71 -0.62	79.02 4.10 -2.93	80.37 4.83 3.55	79.36 4.35 0.00	76.47 4.05 0.00	70.74 3.62 0.00	70.34 3.48 0.00	71.37 3.40 0.00	67.88 3.23 0.00	72.30 3.51 0.00	79.61 3.93 0.00	71.24 3.52 0.00	65.01 3.56 0.00	64.17 3.63 0.00	61.19 3.84 0.00	55.95 3.27 0.00	54.05 3.21 0.00
PJM_GEN_KEystone 24065	55.92 -1.22 0.74	50.39 -1.34 4.03	47.94 -1.14 2.68	48.90 -0.95 0.00	48.26 -1.15 2.95	47.32 -1.76 7.63	56.24 -2.17 5.27	68.56 -2.03 -0.62	59.92 -2.59 9.48	61.23 -2.69 15.18	60.87 -2.93 11.21	58.71 -2.83 10.89	57.31 -2.48 7.32	52.85 -2.68 11.34	50.95 -2.44 14.58	50.50 -2.59 11.57	59.12 -2.47 7.20	68.96 -2.50 4.22	65.04 -1.90 0.79	59.02 -1.66 0.77	57.67 -1.81 1.05	54.99 -1.43 0.92	51.36 -1.31 0.00	49.83 -1.02 0.00
PJM_GEN_NEPTUNE_PROXY 323594	61.01 3.12 -0.01	58.76 3.01 0.00	54.04 2.27 0.00	51.84 2.00 0.00	54.72 2.36 0.00	60.29 3.57 -0.01	67.76 4.08 -0.01	75.50 4.90 -0.63	80.11 5.19 -2.94	81.56 6.01 3.54	95.77 5.03 -15.73	95.71 4.64 -18.65	93.57 4.23 -22.23	94.14 4.08 -23.19	93.91 4.08 -21.87	93.25 3.88 -24.72	105.90 4.13 -32.98	97.91 4.69 -17.53	91.01 4.20 -19.08	91.04 4.18 -25.41	87.98 4.17 -23.27	67.04 4.36 -5.34	56.74 4.06 -0.01	54.82 3.97 -0.01
PJM_GEN_VFT_PROXY 323633	59.78 1.91 0.00	57.70 1.95 0.00	53.37 1.61 0.00	51.20 1.35 0.00	53.93 1.57 0.00	59.14 2.44 0.00	66.41 2.74 0.00	74.02 3.43 -0.62	78.73 3.81 -2.93	79.97 4.43 3.55	78.98 3.97 0.00	76.04 3.62 0.00	70.40 3.29 0.00	70.01 3.14 0.00	70.96 2.99 0.00	67.57 2.91 0.00	71.89 3.10 0.00	79.23 3.56 0.00	70.84 3.12 0.00	64.82 3.38 0.00	64.05 3.51 0.00	61.19 3.84 0.00	55.89 3.21 0.00	54.05 3.21 0.00
PLATSBURG_115KV_PMLD1 355749	59.96 2.08 0.00	57.82 2.06 0.00	53.78 2.02 0.00	51.84 1.99 0.00	54.50 2.15 0.00	58.80 2.10 0.00	66.28 2.61 0.00	72.49 2.52 0.00	74.72 2.74 0.00	81.70 2.61 0.00	77.56 2.55 0.00	74.96 2.53 0.00	69.60 2.48 0.00	69.28 2.41 0.00	70.35 2.38 0.00	66.79 2.13 0.00	70.65 1.86 0.00	77.72 2.04 0.00	69.82 2.10 0.00	63.35 1.90 0.00	62.41 1.88 0.00	58.78 1.43 0.00	54.15 1.48 0.00	52.12 1.27 0.00
PLEASANTVLY___LBMP 24000	59.73 1.85 0.00	57.59 1.84 0.00	53.31 1.55 0.00	51.24 1.40 0.00	53.93 1.57 0.00	58.75 2.04 0.00	66.16 2.48 0.00	73.05 3.08 0.00	75.30 3.31 0.00	82.97 3.88 0.00	78.46 3.45 0.00	75.61 3.19 0.00	70.00 2.89 0.00	69.68 2.81 0.00	70.83 2.85 0.00	67.30 2.65 0.00	71.82 3.03 0.00	79.08 3.41 0.00	70.70 2.98 0.00	64.27 2.83 0.00	63.38 2.85 0.00	60.38 3.04 0.00	55.26 2.58 0.00	53.19 2.34 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	59.96 2.08 0.00	57.87 2.12 0.00	53.52 1.76 0.00	51.44 1.60 0.00	54.14 1.78 0.00	59.09 2.38 0.00	66.54 2.87 0.00	73.61 3.64 0.00	75.95 3.96 0.00	83.76 4.67 0.00	79.21 4.20 0.00	76.40 3.98 0.00	70.74 3.62 0.00	70.35 3.48 0.00	71.50 3.53 0.00	67.95 3.30 0.00	72.51 3.71 0.00	79.84 4.16 0.00	71.38 3.66 0.00	64.89 3.44 0.00	63.99 3.45 0.00	60.96 3.61 0.00	55.73 3.06 0.00	53.59 2.75 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	59.96 2.08 0.00	57.87 2.12 0.00	53.52 1.76 0.00	51.44 1.60 0.00	54.14 1.78 0.00	59.09 2.38 0.00	66.54 2.87 0.00	73.61 3.64 0.00	75.95 3.96 0.00	83.76 4.67 0.00	79.21 4.20 0.00	76.40 3.98 0.00	70.74 3.62 0.00	70.35 3.48 0.00	71.50 3.53 0.00	67.95 3.30 0.00	72.51 3.71 0.00	79.84 4.16 0.00	71.38 3.66 0.00	64.89 3.44 0.00	63.99 3.45 0.00	60.96 3.61 0.00	55.73 3.06 0.00	53.59 2.75 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	60.31 2.43 0.00	58.15 2.40 0.00	53.83 2.07 0.00	51.74 1.89 0.00	54.45 2.09 0.00	59.32 2.61 0.00	66.66 2.99 0.00	73.47 3.50 0.00	75.80 3.82 0.00	83.60 4.51 0.00	79.06 4.05 0.00	76.19 3.77 0.00	70.47 3.36 0.00	70.08 3.21 0.00	71.23 3.26 0.00	67.76 3.10 0.00	72.30 3.51 0.00	79.69 4.01 0.00	71.24 3.52 0.00	64.76 3.32 0.00	63.80 3.27 0.00	60.67 3.33 0.00	55.52 2.84 0.00	53.49 2.64 0.00
POLETTI____ 23519	59.02 2.08 0.94	57.87 2.12 0.00	53.47 1.71 0.00	51.34 1.50 0.00	54.09 1.73 0.00	58.79 2.38 0.30	59.98 2.87 6.56	60.11 3.64 13.50	60.04 3.96 15.91	60.86 4.67 22.90	71.55 4.20 7.66	69.78 4.06 6.69	64.77 3.76 6.11	64.37 3.61 6.11	65.47 3.67 6.17	61.90 3.43 6.18	66.47 3.85 6.17	73.84 4.31 6.15	65.36 3.72 6.09	59.02 3.63 6.05	58.96 3.57 5.15	60.84 3.84 0.35	55.89 3.21 0.00	53.80 2.95 0.00
POMONA___ESR 323819	59.55 1.68 0.00	57.48 1.73 0.00	53.21 1.45 0.00	51.14 1.29 0.00	53.77 1.41 0.00	58.81 2.10 0.00	66.09 2.42 0.00	72.98 3.01 0.00	75.30 3.31 0.00	83.05 3.95 0.00	78.53 3.53 0.00	75.75 3.33 0.00	70.00 2.88 0.00	69.61 2.74 0.00	70.62 2.65 0.00	67.17 2.52 0.00	71.55 2.75 0.00	78.93 3.25 0.00	70.63 2.91 0.00	64.39 2.95 0.00	63.50 2.97 0.00	60.44 3.09 0.00	55.31 2.63 0.00	53.49 2.64 0.00
PORT_JEFF_3 23555	62.11 4.22 -0.01	59.71 3.96 0.00	54.81 3.05 0.00	52.59 2.74 0.00	55.61 3.25 0.00	61.42 4.70 -0.01	69.16 5.48 -0.01	76.49 6.51 -0.01	78.76 6.76 -0.01	86.93 7.83 -0.01	97.19 6.45 -15.73	97.01 5.94 -18.65	94.91 5.57 -22.23	95.34 5.28 -23.19	95.28 5.44 -21.87	94.54 5.17 -24.72	107.21 5.43 -32.98	99.19 5.98 -17.53	92.22 5.42 -19.08	92.27 5.41 -25.41	89.26 5.45 -23.27	68.24 5.56 -5.34	57.85 5.17 -0.01	55.84 4.99 -0.01
PORT_JEFF_4 23616	62.11 4.22 -0.01	59.71 3.96 0.00	54.81 3.05 0.00	52.59 2.74 0.00	55.61 3.25 0.00	61.42 4.70 -0.01	69.16 5.48 -0.01	76.49 6.51 -0.01	78.76 6.76 -0.01	86.93 7.83 -0.01	97.19 6.45 -15.73	97.01 5.94 -18.65	94.91 5.57 -22.23	95.34 5.28 -23.19	95.28 5.44 -21.87	94.54 5.17 -24.72	107.21 5.43 -32.98	99.19 5.98 -17.53	92.22 5.42 -19.08	92.27 5.41 -25.41	89.26 5.45 -23.27	68.24 5.56 -5.34	57.85 5.17 -0.01	55.84 4.99 -0.01

PORT_JEFF_IC 23713	62.16 4.28 0.00	59.77 4.01 0.00	54.71 2.95 0.00	52.64 2.79 0.00	55.66 3.30 0.00	61.30 4.59 0.00	69.15 5.48 0.00	76.55 6.58 0.00	78.83 6.84 0.00	87.00 7.91 0.00	97.27 6.53 -15.73	97.15 6.08 -18.65	95.12 5.77 -22.23	95.54 5.48 -23.19	95.68 5.85 -21.87	94.86 5.50 -24.72	107.69 5.92 -32.98	99.64 6.43 -17.53	92.56 5.76 -19.08	92.33 5.47 -25.41	89.38 5.57 -23.27	68.36 5.68 -5.34	57.89 5.22 0.00	55.63 4.78 0.00
PPL PILGRIM_ST_GT1 24216	62.23 4.34 -0.01	59.82 4.07 0.00	54.97 3.21 0.00	52.69 2.84 0.00	55.71 3.35 0.00	61.48 4.76 -0.01	69.22 5.54 -0.01	76.56 6.58 -0.01	78.84 6.84 -0.01	87.01 7.91 -0.01	97.49 6.75 -15.73	97.37 6.30 -18.65	95.12 5.77 -22.23	95.60 5.55 -23.19	95.48 5.64 -21.87	94.80 5.43 -24.72	107.55 5.78 -32.98	99.64 6.43 -17.53	92.63 5.82 -19.08	92.51 5.65 -25.41	89.50 5.69 -23.27	68.42 5.73 -5.34	58.01 5.32 -0.01	55.99 5.13 -0.01
PPL PILGRIM_ST_GT2 24217	62.23 4.34 -0.01	59.82 4.07 0.00	54.97 3.21 0.00	52.69 2.84 0.00	55.71 3.35 0.00	61.48 4.76 -0.01	69.22 5.54 -0.01	76.56 6.58 -0.01	78.84 6.84 -0.01	87.01 7.91 -0.01	97.49 6.75 -15.73	97.37 6.30 -18.65	95.12 5.77 -22.23	95.60 5.55 -23.19	95.48 5.64 -21.87	94.80 5.43 -24.72	107.55 5.78 -32.98	99.64 6.43 -17.53	92.63 5.82 -19.08	92.51 5.65 -25.41	89.50 5.69 -23.27	68.42 5.73 -5.34	58.01 5.32 -0.01	55.99 5.13 -0.01
PPL_SHRM_GT3 24213	62.40 4.52 -0.01	59.99 4.24 0.00	55.08 3.32 0.00	52.84 2.99 0.00	55.87 3.51 0.00	61.76 5.05 -0.01	69.53 5.85 -0.01	76.98 7.00 -0.01	79.19 7.20 -0.01	87.48 8.38 -0.01	97.41 6.67 -15.73	97.22 6.15 -18.65	95.25 5.91 -22.23	95.47 5.41 -23.19	95.75 5.91 -21.87	94.99 5.62 -24.72	107.42 5.64 -32.98	99.12 5.91 -17.53	92.22 5.42 -19.08	92.45 5.59 -25.41	89.68 5.87 -23.27	68.65 5.96 -5.34	58.11 5.43 -0.01	56.14 5.29 -0.01
PPL_SHRM_GT4 24214	62.40 4.52 -0.01	59.99 4.24 0.00	55.08 3.32 0.00	52.84 2.99 0.00	55.87 3.51 0.00	61.76 5.05 -0.01	69.53 5.85 -0.01	76.98 7.00 -0.01	79.19 7.20 -0.01	87.48 8.38 -0.01	97.41 6.67 -15.73	97.22 6.15 -18.65	95.25 5.91 -22.23	95.47 5.41 -23.19	95.75 5.91 -21.87	94.99 5.62 -24.72	107.42 5.64 -32.98	99.12 5.91 -17.53	92.22 5.42 -19.08	92.45 5.59 -25.41	89.68 5.87 -23.27	68.65 5.96 -5.34	58.11 5.43 -0.01	56.14 5.29 -0.01
PROJECT___ORANGE 1 24174	56.43 -1.45 0.00	54.25 -1.51 0.00	50.47 -1.29 0.00	48.60 -1.25 0.00	51.00 -1.36 0.00	55.12 -1.59 0.00	61.83 -1.85 0.00	68.15 -1.82 0.00	70.04 -1.94 0.00	77.12 -1.98 0.00	73.28 -1.73 0.00	70.83 -1.59 0.00	65.50 -1.61 0.00	65.33 -1.54 0.00	66.41 -1.56 0.00	63.23 -1.42 0.00	67.42 -1.38 0.00	74.24 -1.44 0.00	66.23 -1.49 0.00	59.97 -1.47 0.00	59.08 -1.45 0.00	55.85 -1.49 0.00	51.36 -1.32 0.00	49.73 -1.12 0.00
PROJECT___ORANGE 2 24166	56.43 -1.45 0.00	54.25 -1.51 0.00	50.47 -1.29 0.00	48.60 -1.25 0.00	51.00 -1.36 0.00	55.12 -1.59 0.00	61.83 -1.85 0.00	68.15 -1.82 0.00	70.04 -1.94 0.00	77.12 -1.98 0.00	73.28 -1.73 0.00	70.83 -1.59 0.00	65.50 -1.61 0.00	65.33 -1.54 0.00	66.41 -1.56 0.00	63.23 -1.42 0.00	67.42 -1.38 0.00	74.24 -1.44 0.00	66.23 -1.49 0.00	59.97 -1.47 0.00	59.08 -1.45 0.00	55.85 -1.49 0.00	51.36 -1.32 0.00	49.73 -1.12 0.00
PUCKETT___SOLAR 323809	58.40 0.52 0.00	56.03 0.28 0.00	52.13 0.36 0.00	50.30 0.45 0.00	52.73 0.37 0.00	56.82 0.11 0.00	63.86 0.19 0.00	70.40 0.42 0.00	72.56 0.57 0.00	79.89 0.79 0.00	75.60 0.60 0.01	73.07 0.65 0.00	67.65 0.53 0.00	67.34 0.47 0.00	68.79 0.82 0.00	65.30 0.65 0.00	69.13 0.35 0.00	76.27 0.60 0.01	68.33 0.61 0.00	61.81 0.37 0.00	60.66 0.12 0.00	57.29 -0.06 0.00	52.57 -0.11 0.00	50.85 0.00 0.00
PYRITES___HYD 24023	60.54 2.66 0.00	58.32 2.56 0.00	54.25 2.48 0.00	52.29 2.44 0.00	55.03 2.67 0.00	59.37 2.67 0.00	67.05 3.37 0.00	73.05 3.08 0.00	75.23 3.24 0.00	82.34 3.24 0.00	78.08 3.08 0.00	75.54 3.11 0.00	70.20 3.09 0.00	69.88 3.01 0.00	71.03 3.06 0.00	67.37 2.72 0.00	70.92 2.13 0.00	77.95 2.27 0.00	70.09 2.37 0.00	63.47 2.03 0.00	62.47 1.94 0.00	59.12 1.78 0.00	54.63 1.95 0.00	52.68 1.83 0.00
QUAKERRD_115KV_BK1 80622	54.06 -3.82 0.00	51.85 -3.90 0.00	48.40 -3.36 0.00	46.76 -3.09 0.00	48.85 -3.51 0.00	52.23 -4.48 0.00	58.13 -5.54 0.00	64.24 -5.74 0.00	65.65 -6.33 0.00	72.13 -6.96 0.00	68.56 -6.45 0.00	66.49 -5.94 0.00	61.54 -5.57 0.00	61.59 -5.28 0.00	62.60 -5.37 0.00	59.74 -4.91 0.00	63.91 -4.88 0.00	70.54 -5.15 0.00	62.85 -4.88 0.00	56.78 -4.67 0.00	55.93 -4.60 0.00	52.76 -4.59 0.00	48.52 -4.16 0.00	47.29 -3.56 0.00
QUENSBRY_115KV_TB8 356137	60.88 3.01 0.00	58.76 3.01 0.00	54.30 2.54 0.00	52.49 2.64 0.00	55.03 2.67 0.00	60.00 3.29 0.00	67.49 3.82 0.00	74.10 4.13 0.00	76.81 4.82 0.00	84.47 5.38 0.00	80.33 5.33 0.00	77.35 4.92 0.00	71.28 4.16 0.00	71.48 4.61 0.00	72.59 4.62 0.00	68.92 4.27 0.00	73.68 4.88 0.00	80.44 4.77 0.00	71.79 4.06 0.00	64.70 3.26 0.00	63.80 3.27 0.00	60.50 3.15 0.00	55.42 2.74 0.00	53.44 2.59 0.00
RAMAPO___LBMP 323565	59.38 1.50 0.00	57.32 1.56 0.00	53.00 1.24 0.00	50.95 1.10 0.00	53.61 1.26 0.00	58.46 1.76 0.00	65.77 2.10 0.00	72.70 2.73 0.00	75.01 3.02 0.00	82.73 3.64 0.00	78.23 3.23 0.00	75.46 3.04 0.00	69.87 2.75 0.00	69.48 2.61 0.00	70.62 2.65 0.00	67.18 2.52 0.00	71.68 2.89 0.00	78.93 3.25 0.00	70.50 2.78 0.00	64.15 2.70 0.00	63.26 2.72 0.00	60.27 2.92 0.00	55.10 2.42 0.00	53.03 2.19 0.00
RANKINE___ 23646	53.82 -4.05 0.00	51.29 -4.46 0.00	48.29 -3.47 0.00	46.81 -3.04 0.00	48.69 -3.67 0.00	50.98 -5.73 0.00	56.10 -7.58 0.00	62.00 -7.98 0.00	62.63 -9.36 0.00	68.50 -10.60 0.00	56.26 -10.73 8.02	55.99 -9.99 6.43	55.19 -9.26 2.67	52.81 -9.16 4.90	59.22 -8.56 0.19	47.42 -8.79 8.44	54.81 -8.74 5.24	56.02 -9.31 10.34	54.64 -8.67 4.41	49.20 -8.05 4.20	46.98 -7.81 5.75	45.23 -7.05 5.06	46.67 -6.01 0.00	46.32 -4.53 0.00
RAVENSWOOD_GT2_1 24244	60.13 2.26 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.26 2.55 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.00 4.90 0.00	79.43 4.43 0.00	76.69 4.27 0.00	71.08 3.96 0.00	70.68 3.81 0.00	71.84 3.87 0.00	68.27 3.62 0.00	72.85 4.06 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.26 3.81 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.05 3.37 0.00	53.95 3.10 0.00
RAVENSWOOD_GT2_2 24245	60.13 2.26 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.26 2.55 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.00 4.90 0.00	79.43 4.43 0.00	76.69 4.27 0.00	71.08 3.96 0.00	70.68 3.81 0.00	71.84 3.87 0.00	68.27 3.62 0.00	72.85 4.06 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.26 3.81 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.05 3.37 0.00	53.95 3.10 0.00

RAVENSWOOD_GT2_3 24246	60.13 2.26 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.26 2.55 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.00 4.90 0.00	79.51 4.50 0.00	76.69 4.27 0.00	71.08 3.96 0.00	70.68 3.81 0.00	71.84 3.87 0.00	68.27 3.62 0.00	72.92 4.13 0.00	80.22 4.54 0.00	71.72 4.00 0.00	65.26 3.81 0.00	64.35 3.81 0.00	61.36 4.01 0.00	56.10 3.42 0.00	53.95 3.10 0.00
RAVENSWOOD_GT2_4 24247	60.13 2.26 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.26 2.55 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.00 4.90 0.00	79.51 4.50 0.00	76.69 4.27 0.00	71.08 3.96 0.00	70.68 3.81 0.00	71.84 3.87 0.00	68.27 3.62 0.00	72.92 4.13 0.00	80.22 4.54 0.00	71.72 4.00 0.00	65.26 3.81 0.00	64.35 3.81 0.00	61.36 4.01 0.00	56.10 3.42 0.00	53.95 3.10 0.00
RAVENSWOOD_GT3_1 24248	60.13 2.26 0.00	57.98 2.23 0.00	53.62 1.86 0.00	51.49 1.65 0.00	54.24 1.88 0.00	59.26 2.55 0.00	66.73 3.06 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.00 4.90 0.00	79.43 4.43 0.00	76.62 4.20 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.21 3.56 0.00	72.85 4.06 0.00	80.14 4.46 0.00	71.65 3.93 0.00	65.19 3.75 0.00	64.29 3.75 0.00	61.30 3.96 0.00	56.05 3.37 0.00	53.90 3.05 0.00
RAVENSWOOD_GT3_2 24249	60.13 2.26 0.00	57.98 2.23 0.00	53.62 1.86 0.00	51.49 1.65 0.00	54.24 1.88 0.00	59.26 2.55 0.00	66.73 3.06 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.00 4.90 0.00	79.43 4.43 0.00	76.62 4.20 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.21 3.56 0.00	72.85 4.06 0.00	80.14 4.46 0.00	71.65 3.93 0.00	65.19 3.75 0.00	64.29 3.75 0.00	61.30 3.96 0.00	56.05 3.37 0.00	53.90 3.05 0.00
RAVENSWOOD_GT3_3 24250	60.19 2.32 0.00	58.10 2.34 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.32 2.61 0.00	66.86 3.18 0.00	73.89 3.92 0.00	76.23 4.25 0.00	84.08 4.98 0.00	79.58 4.58 0.00	76.77 4.35 0.00	71.14 4.03 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.34 3.69 0.00	72.92 4.13 0.00	80.29 4.62 0.00	71.72 4.00 0.00	65.32 3.87 0.00	64.35 3.81 0.00	61.41 4.07 0.00	56.10 3.42 0.00	54.00 3.15 0.00
RAVENSWOOD_GT3_4 24251	60.19 2.32 0.00	58.10 2.34 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.32 2.61 0.00	66.86 3.18 0.00	73.89 3.92 0.00	76.23 4.25 0.00	84.08 4.98 0.00	79.58 4.58 0.00	76.77 4.35 0.00	71.14 4.03 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.34 3.69 0.00	72.92 4.13 0.00	80.29 4.62 0.00	71.72 4.00 0.00	65.32 3.87 0.00	64.35 3.81 0.00	61.41 4.07 0.00	56.10 3.42 0.00	54.00 3.15 0.00
RAVENSWOOD_GT_1 23729	60.36 2.49 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.69 1.84 0.00	54.50 2.15 0.00	59.37 2.67 0.00	66.92 3.25 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.08 4.98 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.66 4.01 0.00	73.26 4.47 0.00	80.52 4.84 0.00	71.99 4.27 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.37 3.69 0.00	54.25 3.41 0.00
RAVENSWOOD_GT_10 24258	60.13 2.26 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.26 2.55 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.00 4.90 0.00	79.43 4.43 0.00	76.69 4.27 0.00	71.08 3.96 0.00	70.68 3.81 0.00	71.84 3.87 0.00	68.27 3.62 0.00	72.85 4.06 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.26 3.81 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.05 3.37 0.00	53.95 3.10 0.00
RAVENSWOOD_GT_11 24259	60.13 2.26 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.26 2.55 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.00 4.90 0.00	79.43 4.43 0.00	76.69 4.27 0.00	71.08 3.96 0.00	70.68 3.81 0.00	71.84 3.87 0.00	68.27 3.62 0.00	72.85 4.06 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.26 3.81 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.05 3.37 0.00	53.95 3.10 0.00
RAVENSWOOD_GT_4 24252	60.13 2.26 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.26 2.55 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.00 4.90 0.00	79.51 4.50 0.00	76.69 4.27 0.00	71.08 3.96 0.00	70.68 3.81 0.00	71.84 3.87 0.00	68.27 3.62 0.00	72.85 4.06 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.26 3.81 0.00	64.35 3.81 0.00	61.36 4.01 0.00	56.05 3.37 0.00	53.95 3.10 0.00
RAVENSWOOD_GT_5 24254	60.13 2.26 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.26 2.55 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.00 4.90 0.00	79.51 4.50 0.00	76.69 4.27 0.00	71.08 3.96 0.00	70.68 3.81 0.00	71.84 3.87 0.00	68.27 3.62 0.00	72.85 4.06 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.26 3.81 0.00	64.35 3.81 0.00	61.36 4.01 0.00	56.05 3.37 0.00	53.95 3.10 0.00
RAVENSWOOD_GT_6 24253	60.13 2.26 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.26 2.55 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.00 4.90 0.00	79.51 4.50 0.00	76.69 4.27 0.00	71.08 3.96 0.00	70.68 3.81 0.00	71.84 3.87 0.00	68.27 3.62 0.00	72.85 4.06 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.26 3.81 0.00	64.35 3.81 0.00	61.36 4.01 0.00	56.05 3.37 0.00	53.95 3.10 0.00
RAVENSWOOD_GT_7 24255	60.13 2.26 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.26 2.55 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.00 4.90 0.00	79.51 4.50 0.00	76.69 4.27 0.00	71.08 3.96 0.00	70.68 3.81 0.00	71.84 3.87 0.00	68.27 3.62 0.00	72.85 4.06 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.26 3.81 0.00	64.35 3.81 0.00	61.36 4.01 0.00	56.05 3.37 0.00	53.95 3.10 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	60.13 2.26 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.26 2.55 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.00 4.90 0.00	79.43 4.43 0.00	76.69 4.27 0.00	71.08 3.96 0.00	70.68 3.81 0.00	71.84 3.87 0.00	68.27 3.62 0.00	72.85 4.06 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.26 3.81 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.05 3.37 0.00	53.95 3.10 0.00
RAVENSWOOD_GT_9 24257	60.13 2.26 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.54 1.69 0.00	54.29 1.94 0.00	59.26 2.55 0.00	66.79 3.12 0.00	73.82 3.85 0.00	76.16 4.18 0.00	84.00 4.90 0.00	79.43 4.43 0.00	76.69 4.27 0.00	71.08 3.96 0.00	70.68 3.81 0.00	71.84 3.87 0.00	68.27 3.62 0.00	72.85 4.06 0.00	80.22 4.54 0.00	71.65 3.93 0.00	65.26 3.81 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.05 3.37 0.00	53.95 3.10 0.00

RAVENSWOOD___1 23533	60.36 2.49 0.00	58.37 2.62 0.00	54.04 2.27 0.00	51.69 1.85 0.00	54.56 2.20 0.00	59.65 2.95 0.00	67.04 3.37 0.00	73.82 3.85 0.00	76.16 4.17 0.00	84.16 5.07 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.35 4.23 0.00	70.95 4.08 0.00	71.91 3.94 0.00	68.48 3.81 -0.01	72.85 4.06 0.00	79.99 4.31 0.00	71.58 3.86 0.00	65.63 4.18 -0.01	64.71 4.17 0.00	61.77 4.42 -0.01	56.43 3.74 -0.01	54.57 3.71 -0.01
RAVENSWOOD___2 23534	60.31 2.43 0.00	58.32 2.57 0.00	53.93 2.17 0.00	51.59 1.74 0.00	54.45 2.10 0.00	59.60 2.89 0.00	66.92 3.25 0.00	73.40 3.43 0.00	75.73 3.74 0.00	83.52 4.43 0.00	79.21 4.20 0.00	76.33 3.91 0.00	71.21 4.09 0.00	70.81 3.94 0.00	71.64 3.67 0.00	68.41 3.75 -0.01	72.50 3.71 0.00	79.46 3.78 0.00	71.44 3.72 0.00	65.57 4.12 -0.01	64.65 4.12 0.00	61.65 4.30 -0.01	56.37 3.69 -0.01	54.47 3.61 -0.01
RAVENSWOOD___3 23535	60.13 2.25 0.00	58.04 2.29 0.00	53.68 1.92 0.00	51.49 1.64 0.00	54.24 1.88 0.00	59.43 2.72 0.00	66.85 3.18 0.00	73.82 3.85 0.00	76.16 4.17 0.00	84.08 4.99 0.00	79.51 4.50 0.00	76.62 4.20 0.00	70.87 3.76 0.00	70.48 3.61 0.00	71.50 3.53 0.00	68.01 3.36 0.00	72.44 3.64 0.00	79.76 4.08 0.00	71.38 3.65 0.00	65.19 3.75 0.00	64.29 3.75 0.00	61.36 4.01 0.00	56.10 3.42 0.00	54.20 3.36 0.00
RAVENSWOOD___4 23820	60.42 2.54 0.00	58.43 2.68 0.00	54.04 2.27 0.00	51.69 1.85 0.00	54.56 2.20 0.00	59.71 3.00 0.00	67.04 3.37 0.00	73.75 3.78 0.00	76.16 4.17 0.00	84.08 4.99 0.00	79.74 4.73 0.00	76.84 4.42 0.00	71.41 4.30 0.00	71.02 4.15 0.00	71.98 4.01 0.00	68.48 3.81 -0.01	72.85 4.06 0.00	79.99 4.31 0.00	71.65 3.93 0.00	65.69 4.24 -0.01	64.77 4.24 0.00	61.77 4.42 -0.01	56.48 3.80 -0.01	54.57 3.71 -0.01
RCPL_TRUST___DRP 24196	60.02 2.14 0.00	57.93 2.17 0.00	53.57 1.81 0.00	51.44 1.60 0.00	54.19 1.83 0.00	59.15 2.44 0.00	66.66 2.99 0.00	73.75 3.78 0.00	76.09 4.10 0.00	83.92 4.82 0.00	79.43 4.43 0.00	76.62 4.20 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.21 3.56 0.00	72.78 3.99 0.00	80.14 4.46 0.00	71.58 3.86 0.00	65.13 3.69 0.00	64.23 3.69 0.00	61.24 3.90 0.00	55.95 3.27 0.00	53.85 3.00 0.00
RED___ROCHESTER 323720	55.27 -2.60 0.00	52.97 -2.79 0.00	49.38 -2.38 0.00	47.80 -2.05 0.00	49.95 -2.41 0.00	52.79 -3.91 0.00	58.96 -4.71 0.00	65.43 -4.55 0.00	66.66 -5.33 0.00	73.32 -5.77 0.00	69.62 -5.40 -0.01	67.72 -4.71 -0.01	62.55 -4.57 0.00	62.93 -3.95 -0.01	63.89 -4.08 0.00	61.04 -3.62 0.00	65.22 -3.58 -0.01	72.06 -3.63 -0.01	63.94 -3.79 -0.01	57.52 -3.93 0.00	57.09 -3.45 0.00	53.84 -3.50 0.00	49.36 -3.32 0.00	47.59 -3.26 0.00
REGAN___SOLAR 323812	60.88 3.01 0.00	58.76 3.01 0.00	54.35 2.59 0.00	52.54 2.69 0.00	55.08 2.72 0.00	60.11 3.40 0.00	67.75 4.08 0.00	74.31 4.34 0.00	76.66 4.68 0.00	83.76 4.67 0.00	79.36 4.35 0.00	76.40 3.98 0.00	70.54 3.42 0.00	70.15 3.28 0.00	71.50 3.53 0.00	68.34 3.68 0.00	73.06 4.27 0.00	80.82 5.15 0.00	72.19 4.47 0.00	65.07 3.62 0.00	64.11 3.57 0.00	60.73 3.38 0.00	55.52 2.84 0.00	53.49 2.64 0.00
RENSSELAER___COGEN 23796	59.32 1.45 0.00	57.20 1.45 0.00	53.00 1.24 0.00	51.04 1.19 0.00	53.61 1.25 0.00	58.35 1.65 0.00	65.32 1.65 0.00	71.02 1.05 0.00	73.14 1.15 0.00	80.12 1.03 0.00	76.28 1.27 0.00	73.58 1.16 0.00	68.26 1.14 0.00	67.94 1.07 0.00	68.99 1.02 0.00	65.62 0.97 0.00	69.83 1.03 0.00	76.81 1.14 0.00	68.80 1.08 0.00	62.61 1.16 0.00	61.68 1.15 0.00	58.60 1.26 0.00	54.00 1.32 0.00	52.12 1.27 0.00
REPUBLIC_115KV_BARTNBK 55605	63.20 5.32 0.00	61.05 5.30 0.00	56.37 4.61 0.00	54.58 4.74 0.00	57.17 4.82 0.00	62.43 5.73 0.00	70.36 6.69 0.00	77.25 7.28 0.00	80.12 8.13 0.00	88.11 9.02 0.00	83.86 8.85 0.00	80.75 8.33 0.00	74.16 7.05 0.00	75.03 8.16 0.00	76.33 8.36 0.00	72.54 7.89 0.00	77.94 9.15 0.00	84.23 8.55 0.00	75.04 7.31 0.00	67.28 5.84 0.00	66.35 5.81 0.00	62.79 5.45 0.00	57.42 4.74 0.00	55.37 4.53 0.00
REVERE_CPPR_DRP 24186	59.67 1.79 0.00	57.37 1.62 0.00	53.31 1.55 0.00	51.34 1.50 0.00	53.98 1.62 0.00	58.58 1.87 0.00	65.96 2.29 0.00	72.49 2.52 0.00	74.51 2.52 0.00	82.10 3.01 0.00	77.78 2.78 0.00	75.25 2.82 0.00	69.46 2.35 0.00	69.21 2.34 0.00	70.49 2.51 0.00	67.11 2.46 0.00	71.47 2.68 0.00	78.40 2.72 0.00	69.89 2.17 0.00	63.23 1.78 0.00	62.23 1.69 0.00	58.78 1.43 0.00	53.84 1.16 0.00	52.02 1.17 0.00
REYNLDPA_13_KV_LD 356490	59.03 1.16 0.00	56.93 1.17 0.00	52.95 1.19 0.00	51.00 1.15 0.00	53.56 1.21 0.00	57.84 1.13 0.00	65.07 1.40 0.00	70.40 0.42 0.00	72.56 0.57 0.00	79.49 0.40 0.00	75.39 0.38 0.00	72.86 0.44 0.00	68.39 1.27 0.00	68.14 1.27 0.00	69.40 1.43 0.00	65.75 1.10 0.00	69.83 1.03 0.00	75.68 0.00 0.00	68.67 0.95 0.00	62.24 0.80 0.00	61.38 0.85 0.00	57.97 0.63 0.00	53.47 0.79 0.00	51.56 0.71 0.00
REYNOLDS_115KV_TB3 80639	59.55 1.68 0.00	57.43 1.67 0.00	53.21 1.45 0.00	51.24 1.40 0.00	53.88 1.52 0.00	58.52 1.81 0.00	65.58 1.91 0.00	71.58 1.61 0.00	73.79 1.80 0.00	80.83 1.74 0.00	76.81 1.80 0.00	74.09 1.67 0.00	68.73 1.61 0.00	68.41 1.54 0.00	69.53 1.56 0.00	66.14 1.49 0.00	70.44 1.65 0.00	77.34 1.66 0.00	69.35 1.63 0.00	62.98 1.54 0.00	62.11 1.57 0.00	58.95 1.61 0.00	54.26 1.58 0.00	52.32 1.47 0.00
RIVERBAY____ 323610	60.83 2.95 0.00	58.82 3.07 0.00	54.40 2.64 0.00	52.04 2.19 0.00	54.92 2.57 0.00	59.66 2.95 0.00	67.24 3.57 0.00	74.03 4.06 0.00	76.45 4.46 0.00	84.31 5.22 0.00	79.96 4.95 0.00	77.27 4.85 0.00	71.68 4.56 0.00	71.22 4.35 0.00	72.39 4.42 0.00	68.84 4.20 0.02	73.54 4.75 0.00	80.82 5.15 0.00	72.26 4.54 0.00	65.85 4.42 0.02	64.89 4.36 0.00	61.91 4.59 0.02	56.56 3.90 0.02	54.51 3.66 0.00
RIVERSDE_115KV_TB3 55908	59.55 1.68 0.00	57.48 1.73 0.00	53.21 1.45 0.00	51.24 1.40 0.00	53.88 1.52 0.00	58.52 1.81 0.00	65.58 1.91 0.00	71.44 1.47 0.00	73.64 1.66 0.00	80.76 1.66 0.00	76.73 1.73 0.00	73.94 1.52 0.00	68.66 1.54 0.00	68.34 1.47 0.00	69.47 1.50 0.00	66.08 1.42 0.00	70.31 1.51 0.00	77.19 1.51 0.00	69.21 1.49 0.00	62.86 1.41 0.00	61.99 1.45 0.00	58.83 1.49 0.00	54.21 1.53 0.00	52.22 1.37 0.00
ROARING___BROOK_WT_PWR 323790	57.82 -0.06 0.00	55.70 -0.06 0.00	51.66 -0.10 0.00	49.70 -0.15 0.00	52.20 -0.16 0.00	56.48 -0.23 0.00	63.42 -0.25 0.00	69.56 -0.42 0.00	71.49 -0.50 0.00	78.54 -0.55 0.00	74.49 -0.52 0.00	71.92 -0.50 0.00	66.72 -0.40 0.00	66.47 -0.40 0.00	67.63 -0.34 0.00	64.27 -0.39 0.00	68.31 -0.48 0.00	74.92 -0.76 0.00	66.91 -0.81 0.00	60.59 -0.86 0.00	59.56 -0.97 0.00	56.25 -1.09 0.00	51.63 -1.05 0.00	49.73 -1.12 0.00

ROCHESRG_115KV_T4 355643	54.58 -3.30 0.00	52.30 -3.46 0.00	48.91 -2.85 0.00	47.31 -2.54 0.00	49.37 -2.98 0.00	52.57 -4.14 0.00	58.32 -5.35 0.00	64.52 -5.46 0.00	65.72 -6.26 0.00	72.21 -6.88 0.00	68.64 -6.38 0.00	66.56 -5.87 0.00	61.68 -5.44 0.00	61.72 -5.15 0.00	62.74 -5.23 0.00	60.00 -4.66 0.00	64.25 -4.54 0.00	70.91 -4.77 -0.01	63.19 -4.54 0.00	57.02 -4.42 0.00	56.24 -4.30 0.00	53.10 -4.24 0.00	48.78 -3.90 0.00	47.70 -3.15 0.00
ROCHESTER_9_IC 23652	54.98 -2.89 0.00	52.69 -3.07 0.00	49.22 -2.54 0.00	47.61 -2.24 0.00	49.74 -2.62 0.00	52.96 -3.74 0.00	58.83 -4.84 0.00	65.08 -4.90 0.00	66.37 -5.62 0.00	72.93 -6.17 0.00	69.32 -5.70 -0.01	67.29 -5.14 -0.01	62.29 -4.83 0.00	62.40 -4.48 -0.01	63.35 -4.62 0.00	60.58 -4.07 0.00	64.88 -3.92 -0.01	71.60 -4.09 -0.01	63.80 -3.93 -0.01	57.52 -3.93 0.00	56.78 -3.75 0.00	53.56 -3.78 0.00	49.15 -3.53 0.00	48.05 -2.80 0.00
ROCKVIEW_13_KV_LD 356306	60.13 2.26 0.00	57.98 2.23 0.00	53.62 1.86 0.00	51.54 1.69 0.00	54.24 1.88 0.00	59.26 2.55 0.00	66.79 3.12 0.00	73.89 3.92 0.00	76.23 4.25 0.00	84.16 5.06 0.00	79.66 4.65 0.00	76.84 4.42 0.00	71.14 4.03 0.00	70.75 3.88 0.00	71.91 3.94 0.00	68.34 3.69 0.00	72.92 4.13 0.00	80.29 4.62 0.00	71.78 4.06 0.00	65.26 3.81 0.00	64.29 3.75 0.00	61.24 3.90 0.00	55.95 3.27 0.00	53.80 2.95 0.00
ROME____115KV_TB2 80656	59.67 1.79 0.00	57.37 1.62 0.00	53.31 1.55 0.00	51.34 1.50 0.00	53.98 1.62 0.00	58.58 1.87 0.00	65.96 2.29 0.00	72.49 2.52 0.00	74.51 2.52 0.00	82.10 3.01 0.00	77.78 2.78 0.00	75.25 2.82 0.00	69.46 2.35 0.00	69.21 2.34 0.00	70.49 2.51 0.00	67.11 2.46 0.00	71.47 2.68 0.00	78.40 2.72 0.00	69.89 2.17 0.00	63.23 1.78 0.00	62.23 1.69 0.00	58.78 1.43 0.00	53.84 1.16 0.00	52.02 1.17 0.00
ROSETON___1 23587	59.55 1.68 0.00	57.48 1.73 0.00	53.21 1.45 0.00	51.14 1.29 0.00	53.82 1.46 0.00	58.75 2.04 0.00	66.03 2.36 0.00	72.84 2.87 0.00	75.15 3.16 0.00	82.81 3.72 0.00	78.30 3.30 0.00	75.46 3.04 0.00	69.80 2.69 0.00	69.48 2.61 0.00	70.49 2.52 0.00	67.05 2.39 0.00	71.40 2.61 0.00	78.71 3.03 0.00	70.36 2.64 0.00	64.15 2.70 0.00	63.26 2.73 0.00	60.27 2.92 0.00	55.16 2.48 0.00	53.29 2.44 0.00
ROSETON___2 23588	59.55 1.68 0.00	57.48 1.73 0.00	53.21 1.45 0.00	51.14 1.29 0.00	53.82 1.46 0.00	58.75 2.04 0.00	66.03 2.36 0.00	72.84 2.87 0.00	75.15 3.16 0.00	82.81 3.72 0.00	78.30 3.30 0.00	75.46 3.04 0.00	69.80 2.69 0.00	69.48 2.61 0.00	70.49 2.52 0.00	67.05 2.39 0.00	71.40 2.61 0.00	78.71 3.03 0.00	70.36 2.64 0.00	64.15 2.70 0.00	63.26 2.73 0.00	60.27 2.92 0.00	55.16 2.48 0.00	53.29 2.44 0.00
ROTRDAM_115KV_TB3 80664	59.38 1.50 0.00	57.26 1.51 0.00	53.06 1.29 0.00	51.09 1.25 0.00	53.67 1.31 0.00	58.35 1.64 0.00	65.52 1.85 0.00	72.00 2.03 0.00	74.29 2.30 0.00	81.55 2.45 0.00	77.33 2.33 0.00	74.59 2.17 0.00	69.06 1.95 0.00	68.74 1.87 0.00	69.87 1.90 0.00	66.46 1.81 0.00	70.86 2.06 0.00	78.02 2.35 0.00	69.75 2.03 0.00	63.17 1.72 0.00	62.29 1.76 0.00	59.06 1.72 0.00	54.21 1.53 0.00	52.27 1.42 0.00
RUSSELL___1 23602	55.27 -2.60 0.00	52.97 -2.79 0.00	49.43 -2.33 0.00	47.80 -2.04 0.00	49.95 -2.41 0.00	53.19 -3.52 0.00	59.09 -4.58 0.00	65.43 -4.55 0.00	66.73 -5.26 0.00	73.32 -5.77 0.00	69.77 -5.25 -0.01	67.72 -4.71 -0.01	62.69 -4.43 0.00	62.80 -4.08 -0.01	63.82 -4.15 0.00	60.97 -3.69 0.00	65.29 -3.51 -0.01	72.06 -3.63 -0.01	64.21 -3.52 0.00	57.89 -3.56 0.00	57.09 -3.45 0.00	53.85 -3.50 0.00	49.41 -3.27 0.00	48.25 -2.59 0.00
RUSSELL___2 23532	55.27 -2.60 0.00	52.97 -2.79 0.00	49.43 -2.33 0.00	47.80 -2.04 0.00	49.95 -2.41 0.00	53.19 -3.52 0.00	59.09 -4.58 0.00	65.43 -4.55 0.00	66.73 -5.26 0.00	73.32 -5.77 0.00	69.77 -5.25 -0.01	67.72 -4.71 -0.01	62.69 -4.43 0.00	62.80 -4.08 -0.01	63.82 -4.15 0.00	60.97 -3.69 0.00	65.29 -3.51 -0.01	72.06 -3.63 -0.01	64.21 -3.52 0.00	57.89 -3.56 0.00	57.09 -3.45 0.00	53.85 -3.50 0.00	49.41 -3.27 0.00	48.25 -2.59 0.00
RUSSELL___3 23549	55.27 -2.60 0.00	52.97 -2.79 0.00	49.43 -2.33 0.00	47.80 -2.04 0.00	49.95 -2.41 0.00	53.19 -3.52 0.00	59.09 -4.58 0.00	65.43 -4.55 0.00	66.73 -5.26 0.00	73.32 -5.77 0.00	69.77 -5.25 -0.01	67.72 -4.71 -0.01	62.69 -4.43 0.00	62.80 -4.08 -0.01	63.82 -4.15 0.00	60.97 -3.69 0.00	65.29 -3.51 -0.01	72.06 -3.63 -0.01	64.21 -3.52 0.00	57.89 -3.56 0.00	57.09 -3.45 0.00	53.85 -3.50 0.00	49.41 -3.27 0.00	48.25 -2.59 0.00
RUSSELL___4 23556	55.27 -2.60 0.00	52.97 -2.79 0.00	49.43 -2.33 0.00	47.80 -2.04 0.00	49.95 -2.41 0.00	53.19 -3.52 0.00	59.09 -4.58 0.00	65.43 -4.55 0.00	66.73 -5.26 0.00	73.32 -5.77 0.00	69.77 -5.25 -0.01	67.72 -4.71 -0.01	62.69 -4.43 0.00	62.80 -4.08 -0.01	63.82 -4.15 0.00	60.97 -3.69 0.00	65.29 -3.51 -0.01	72.06 -3.63 -0.01	64.21 -3.52 0.00	57.89 -3.56 0.00	57.09 -3.45 0.00	53.85 -3.50 0.00	49.41 -3.27 0.00	48.25 -2.59 0.00
RUSSELL___STATION 23914	55.27 -2.60 0.00	52.97 -2.79 0.00	49.43 -2.33 0.00	47.80 -2.04 0.00	49.95 -2.41 0.00	53.19 -3.52 0.00	59.09 -4.58 0.00	65.43 -4.55 0.00	66.73 -5.26 0.00	73.32 -5.77 0.00	69.77 -5.25 -0.01	67.72 -4.71 -0.01	62.69 -4.43 0.00	62.80 -4.08 -0.01	63.82 -4.15 0.00	60.97 -3.69 0.00	65.29 -3.51 -0.01	72.06 -3.63 -0.01	64.21 -3.52 0.00	57.89 -3.56 0.00	57.09 -3.45 0.00	53.85 -3.50 0.00	49.41 -3.27 0.00	48.25 -2.59 0.00
S SALMON___HYD 24043	57.12 -0.75 0.00	54.92 -0.83 0.00	51.04 -0.72 0.00	49.20 -0.65 0.00	51.68 -0.68 0.00	55.91 -0.79 0.00	62.84 -0.83 0.00	69.06 -0.91 0.00	70.91 -1.08 0.00	78.06 -1.03 0.00	74.03 -0.98 0.00	71.92 -0.50 0.00	66.38 -0.74 0.00	66.27 -0.60 0.00	67.36 -0.61 0.00	64.33 -0.32 0.00	68.31 -0.48 0.00	75.07 -0.61 0.00	66.84 -0.88 0.00	60.46 -0.99 0.00	59.56 -0.97 0.00	56.37 -0.98 0.00	51.78 -0.90 0.00	49.93 -0.91 0.00
S.PERRY___115KV_TB1 80734	57.35 -0.52 0.00	54.86 -0.89 0.00	51.24 -0.52 0.00	49.55 -0.30 0.00	51.73 -0.63 0.00	55.06 -1.64 0.00	61.38 -2.29 0.00	65.57 -4.41 0.00	66.73 -5.26 0.00	73.00 -6.09 0.00	97.09 -6.08 -28.15	89.58 -5.43 -22.59	71.20 -5.30 -9.39	78.98 -5.08 -17.19	63.80 -4.83 -0.66	89.69 -4.59 -29.62	82.94 -4.27 -18.41	107.59 -4.39 -36.31	78.96 -4.27 -15.51	72.07 -4.18 -14.80	76.72 -4.06 -20.24	72.93 -2.24 -17.83	50.57 -2.11 0.00	49.47 -1.37 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	53.07 -4.80 0.00	50.57 -5.19 0.00	47.62 -4.14 0.00	46.21 -3.64 0.00	48.01 -4.35 0.00	50.24 -6.46 0.00	55.08 -8.60 0.00	60.95 -9.03 0.00	61.55 -10.44 0.00	67.39 -11.71 0.00	55.52 -11.40 8.09	55.29 -10.65 6.49	54.63 -9.80 2.69	52.37 -9.56 4.93	58.47 -9.31 0.19	47.26 -8.92 8.48	54.63 -8.87 5.29	55.79 -9.46 10.43	54.47 -8.80 4.45	49.00 -8.23 4.21	46.81 -7.99 5.74	44.95 -7.34 5.06	46.20 -6.48 0.00	45.86 -4.98 0.00

SAWYER___23_KV_LOAD 55526	53.07 -4.80 0.00	50.57 -5.19 0.00	47.62 -4.14 0.00	46.21 -3.64 0.00	48.01 -4.35 0.00	50.24 -6.46 0.00	55.08 -8.60 0.00	60.95 -9.03 0.00	61.55 -10.44 0.00	67.39 -11.71 0.00	55.52 -11.40 8.09	55.29 -10.65 6.49	54.63 -9.80 2.69	52.37 -9.56 4.93	58.47 -9.31 0.19	47.26 -8.92 8.48	54.63 -8.87 5.29	55.79 -9.46 10.43	54.47 -8.80 4.45	49.00 -8.23 4.21	46.81 -7.99 5.74	44.95 -7.34 5.06	46.20 -6.48 0.00	45.86 -4.98 0.00
SELKIRK___I 23801	59.67 1.80 0.00	57.59 1.84 0.00	53.37 1.61 0.00	51.40 1.55 0.00	53.98 1.62 0.00	58.64 1.93 0.00	65.71 2.04 0.00	71.72 1.75 0.00	73.93 1.94 0.00	81.07 1.98 0.00	77.04 2.03 0.00	74.23 1.81 0.00	68.79 1.68 0.00	68.47 1.60 0.00	69.53 1.56 0.00	66.14 1.49 0.00	70.44 1.65 0.00	77.57 1.89 0.00	69.42 1.69 0.00	63.11 1.66 0.00	62.23 1.69 0.00	59.06 1.72 0.00	54.31 1.63 0.00	52.47 1.63 0.00
SELKIRK___II 23799	59.21 1.33 0.00	57.09 1.34 0.00	52.95 1.19 0.00	50.94 1.10 0.00	53.51 1.15 0.00	58.18 1.47 0.00	65.20 1.53 0.00	71.16 1.19 0.00	73.35 1.36 0.00	80.44 1.34 0.00	76.43 1.42 0.00	73.65 1.23 0.00	68.32 1.21 0.00	68.01 1.14 0.00	69.05 1.08 0.00	65.68 1.03 0.00	69.89 1.10 0.00	76.96 1.29 0.00	68.87 1.15 0.00	62.67 1.23 0.00	61.75 1.21 0.00	58.66 1.32 0.00	53.94 1.26 0.00	52.07 1.22 0.00
SENECA OSWGO___HYD 24041	56.02 -1.85 0.00	53.86 -1.90 0.00	50.10 -1.66 0.00	48.25 -1.60 0.00	50.63 -1.73 0.00	54.72 -1.99 0.00	61.44 -2.23 0.00	67.73 -2.24 0.00	69.61 -2.37 0.00	76.56 -2.53 0.00	72.76 -2.25 0.00	70.39 -2.03 0.00	65.10 -2.01 0.00	65.00 -1.87 0.00	66.00 -1.97 0.00	62.91 -1.74 0.00	66.94 -1.85 0.00	73.79 -1.89 0.00	65.76 -1.97 0.00	59.60 -1.84 0.00	58.72 -1.81 0.00	55.51 -1.84 0.00	50.99 -1.69 0.00	49.22 -1.63 0.00
SENECA___115KV_TB3 355854	53.94 -3.94 0.00	51.35 -4.41 0.00	48.19 -3.57 0.00	46.86 -2.99 0.00	48.75 -3.61 0.00	50.41 -6.30 0.00	55.90 -7.77 0.00	61.99 -7.98 0.00	62.63 -9.36 0.00	68.58 -10.52 0.00	56.26 -10.73 8.02	56.07 -9.92 6.43	55.79 -8.66 2.67	53.02 -8.96 4.90	59.49 -8.29 0.19	47.67 -8.54 8.44	54.88 -8.67 5.24	56.10 -9.24 10.34	55.65 -7.65 4.41	50.00 -7.25 4.20	47.04 -7.75 5.75	45.28 -7.00 5.06	46.67 -6.01 0.00	45.41 -5.44 0.00
SENECA___ENERGY 23797	56.55 -1.33 0.00	54.30 -1.45 0.00	50.52 -1.24 0.00	48.80 -1.05 0.00	51.10 -1.26 0.00	54.89 -1.82 0.00	61.57 -2.10 0.00	67.73 -2.24 0.00	69.47 -2.52 0.00	76.41 -2.69 0.00	74.46 -2.47 -1.92	71.72 -2.25 -1.54	65.47 -2.28 -0.64	65.90 -2.14 -1.17	65.91 -2.11 -0.04	64.74 -1.94 -2.02	68.05 -2.00 -1.26	76.27 -1.89 -2.48	66.89 -1.90 -1.06	60.55 -1.91 -1.01	59.92 -2.00 -1.38	56.55 -2.01 -1.22	51.05 -1.63 0.00	49.32 -1.52 0.00
SHOEMAKER___GT 23640	59.32 1.45 0.00	57.26 1.51 0.00	53.00 1.24 0.00	50.94 1.10 0.00	53.61 1.25 0.00	58.47 1.76 0.00	65.65 1.98 0.00	72.35 2.38 0.00	74.58 2.59 0.00	82.26 3.17 0.00	77.79 2.78 0.00	74.95 2.53 0.00	69.33 2.21 0.00	68.95 2.08 0.00	70.01 2.04 0.00	66.66 2.01 0.00	70.99 2.20 0.00	78.25 2.57 0.00	70.03 2.30 0.00	63.78 2.33 0.00	62.84 2.30 0.00	59.75 2.41 0.00	54.68 2.00 0.00	52.83 1.98 0.00
SHOEMAKR_138KV_BK 111 55601	59.26 1.39 0.00	57.20 1.45 0.00	52.95 1.19 0.00	50.90 1.05 0.00	53.56 1.20 0.00	58.29 1.59 0.00	65.52 1.85 0.00	72.28 2.31 0.00	74.58 2.59 0.00	82.18 3.08 0.00	77.78 2.78 0.00	75.03 2.61 0.00	69.40 2.28 0.00	69.01 2.14 0.00	70.21 2.24 0.00	66.79 2.13 0.00	71.20 2.41 0.00	78.48 2.80 0.00	70.09 2.37 0.00	63.72 2.27 0.00	62.84 2.30 0.00	59.75 2.41 0.00	54.68 2.00 0.00	52.68 1.83 0.00
SHOREHAM_IC_1 23715	62.40 4.52 -0.01	59.99 4.24 0.00	55.08 3.32 0.00	52.84 2.99 0.00	55.87 3.51 0.00	61.76 5.05 -0.01	69.53 5.85 -0.01	76.98 7.00 -0.01	79.19 7.20 -0.01	87.48 8.38 -0.01	97.41 6.67 -15.73	97.22 6.15 -18.65	95.25 5.91 -22.23	95.47 5.41 -23.19	95.75 5.91 -21.87	94.99 5.62 -24.72	107.42 5.64 -32.98	99.12 5.91 -17.53	92.22 5.42 -19.08	92.45 5.59 -25.41	89.68 5.87 -23.27	68.65 5.96 -5.34	58.11 5.43 -0.01	56.14 5.29 -0.01
SHOREHAM_IC_2 23716	62.39 4.51 0.00	59.99 4.24 0.00	54.92 3.16 0.00	52.84 2.99 0.00	55.87 3.51 0.00	61.58 4.88 0.00	69.47 5.79 0.00	76.97 7.00 0.00	79.19 7.20 0.00	87.48 8.38 0.00	97.42 6.68 -15.73	97.30 6.23 -18.65	95.32 5.97 -22.23	95.61 5.55 -23.19	96.02 6.19 -21.87	95.19 5.82 -24.72	107.83 6.05 -32.98	99.49 6.28 -17.53	92.43 5.62 -19.08	92.45 5.59 -25.41	89.68 5.87 -23.27	68.65 5.96 -5.34	58.05 5.37 0.00	55.83 4.98 0.00
SISSONVILLE____ 23735	59.73 1.85 0.00	57.48 1.73 0.00	53.52 1.76 0.00	51.54 1.69 0.00	54.19 1.83 0.00	58.46 1.76 0.00	65.96 2.29 0.00	71.93 1.96 0.00	74.08 2.09 0.00	81.15 2.06 0.00	76.96 1.95 0.00	74.52 2.10 0.00	69.26 2.15 0.00	68.94 2.07 0.00	70.01 2.04 0.00	66.40 1.75 0.00	69.69 0.89 0.00	76.43 0.76 0.00	68.74 1.02 0.00	62.31 0.86 0.00	61.38 0.85 0.00	58.20 0.86 0.00	53.89 1.21 0.00	51.92 1.07 0.00
SITHE_IND_GS1 24169	55.33 -2.55 0.00	53.25 -2.51 0.00	49.48 -2.28 0.00	47.71 -2.14 0.00	50.06 -2.30 0.00	54.04 -2.66 0.00	60.62 -3.06 0.00	66.76 -3.22 0.00	68.61 -3.38 0.00	75.46 -3.64 0.00	71.64 -3.37 0.00	69.24 -3.18 0.00	64.10 -3.02 0.00	63.93 -2.94 0.00	64.98 -2.99 0.00	61.94 -2.71 0.00	65.91 -2.89 0.00	72.57 -3.11 0.00	64.81 -2.91 0.00	58.74 -2.70 0.00	57.87 -2.66 0.00	54.76 -2.58 0.00	50.36 -2.32 0.00	48.56 -2.29 0.00
SITHE_IND_GS2 24170	55.33 -2.55 0.00	53.25 -2.51 0.00	49.48 -2.28 0.00	47.71 -2.14 0.00	50.06 -2.30 0.00	54.04 -2.66 0.00	60.62 -3.06 0.00	66.76 -3.22 0.00	68.61 -3.38 0.00	75.46 -3.64 0.00	71.64 -3.37 0.00	69.24 -3.18 0.00	64.10 -3.02 0.00	63.93 -2.94 0.00	64.98 -2.99 0.00	61.94 -2.71 0.00	65.91 -2.89 0.00	72.57 -3.11 0.00	64.81 -2.91 0.00	58.74 -2.70 0.00	57.87 -2.66 0.00	54.76 -2.58 0.00	50.36 -2.32 0.00	48.56 -2.29 0.00
SITHE_IND_GS3 24171	55.33 -2.55 0.00	53.25 -2.51 0.00	49.48 -2.28 0.00	47.71 -2.14 0.00	50.06 -2.30 0.00	54.04 -2.66 0.00	60.62 -3.06 0.00	66.76 -3.22 0.00	68.61 -3.38 0.00	75.46 -3.64 0.00	71.64 -3.37 0.00	69.24 -3.18 0.00	64.10 -3.02 0.00	63.93 -2.94 0.00	64.98 -2.99 0.00	61.94 -2.71 0.00	65.91 -2.89 0.00	72.57 -3.11 0.00	64.81 -2.91 0.00	58.74 -2.70 0.00	57.87 -2.66 0.00	54.76 -2.58 0.00	50.36 -2.32 0.00	48.56 -2.29 0.00
SITHE_IND_GS4 24172	55.33 -2.55 0.00	53.25 -2.51 0.00	49.48 -2.28 0.00	47.71 -2.14 0.00	50.06 -2.30 0.00	54.04 -2.66 0.00	60.62 -3.06 0.00	66.76 -3.22 0.00	68.61 -3.38 0.00	75.46 -3.64 0.00	71.64 -3.37 0.00	69.24 -3.18 0.00	64.10 -3.02 0.00	63.93 -2.94 0.00	64.98 -2.99 0.00	61.94 -2.71 0.00	65.91 -2.89 0.00	72.57 -3.11 0.00	64.81 -2.91 0.00	58.74 -2.70 0.00	57.87 -2.66 0.00	54.76 -2.58 0.00	50.36 -2.32 0.00	48.56 -2.29 0.00

SITHE___BATAVIA 24024	54.64 -3.24 0.00	52.18 -3.57 0.00	48.81 -2.95 0.00	47.46 -2.39 0.00	49.43 -2.93 0.00	51.09 -5.61 0.00	56.86 -6.81 0.00	63.26 -6.72 0.00	64.14 -7.84 0.00	70.31 -8.78 0.00	62.64 -8.17 4.20	61.66 -7.39 3.37	59.07 -6.65 1.40	58.09 -6.22 2.56	61.48 -6.39 0.10	54.63 -5.56 4.46	60.54 -5.51 2.75	64.59 -5.68 5.41	59.58 -5.82 2.31	53.85 -5.41 2.19	52.49 -5.02 3.03	49.81 -4.87 2.66	47.83 -4.85 0.00	46.58 -4.27 0.00
SITHE___INDEPEND 23800	55.33 -2.55 0.00	53.24 -2.51 0.00	49.48 -2.28 0.00	47.71 -2.14 0.00	50.05 -2.30 0.00	54.10 -2.61 0.00	60.68 -2.99 0.00	66.75 -3.22 0.00	68.60 -3.38 0.00	75.46 -3.64 0.00	71.63 -3.38 0.00	69.24 -3.19 0.00	64.10 -3.02 0.00	63.93 -2.94 0.00	64.98 -2.99 0.00	61.87 -2.78 0.00	65.97 -2.82 0.00	72.58 -3.10 0.00	64.88 -2.84 0.00	58.80 -2.64 0.00	57.87 -2.66 0.00	54.76 -2.58 0.00	50.36 -2.32 0.00	48.66 -2.19 0.00
SITHE___MASSENA 23902	59.44 1.56 0.00	57.26 1.51 0.00	53.21 1.45 0.00	51.30 1.45 0.00	53.93 1.57 0.00	58.18 1.47 0.00	65.52 1.85 0.00	71.58 1.61 0.00	73.71 1.72 0.00	80.76 1.66 0.00	76.59 1.58 0.00	74.01 1.59 0.00	68.86 1.74 0.00	68.61 1.74 0.00	69.81 1.84 0.00	66.20 1.55 0.00	70.24 1.45 0.00	76.81 1.14 0.00	69.08 1.35 0.00	62.61 1.16 0.00	61.68 1.15 0.00	58.32 0.97 0.00	53.79 1.11 0.00	51.86 1.02 0.00
SITHE___OGDNSBRG 24021	60.42 2.55 0.00	58.15 2.40 0.00	54.14 2.38 0.00	52.14 2.29 0.00	54.82 2.46 0.00	59.20 2.50 0.00	66.79 3.12 0.00	72.84 2.87 0.00	74.94 2.95 0.00	82.02 2.93 0.00	77.71 2.70 0.00	75.17 2.75 0.00	69.87 2.75 0.00	69.61 2.74 0.00	70.76 2.79 0.00	67.18 2.52 0.00	70.86 2.06 0.00	77.80 2.12 0.00	69.96 2.23 0.00	63.41 1.97 0.00	62.47 1.94 0.00	59.06 1.72 0.00	54.52 1.84 0.00	52.53 1.68 0.00
SITHE___STERLING 23777	59.09 1.22 0.00	56.81 1.06 0.00	52.80 1.03 0.00	50.90 1.05 0.00	53.46 1.10 0.00	57.95 1.25 0.00	65.26 1.59 0.00	71.79 1.82 0.00	73.79 1.80 0.00	81.23 2.14 0.00	76.96 1.95 0.00	74.45 2.02 0.00	68.79 1.68 0.00	68.61 1.74 0.00	69.81 1.84 0.00	66.46 1.81 0.00	70.65 1.86 0.00	77.57 1.89 0.00	69.28 1.56 0.00	62.67 1.23 0.00	61.63 1.09 0.00	58.26 0.91 0.00	53.42 0.74 0.00	51.61 0.76 0.00
SLEIGHT__34_KV_TB1 80719	55.50 -2.37 0.00	53.24 -2.51 0.00	49.69 -2.07 0.00	47.95 -1.89 0.00	50.21 -2.15 0.00	53.87 -2.84 0.00	60.11 -3.57 0.00	66.47 -3.50 0.00	68.03 -3.96 0.00	74.82 -4.27 0.00	71.19 -3.83 0.00	69.09 -3.33 0.00	63.83 -3.29 0.00	63.86 -3.01 0.00	64.84 -3.13 0.00	61.87 -2.78 0.00	66.11 -2.68 0.00	72.88 -2.80 0.00	64.95 -2.78 0.00	58.62 -2.83 0.00	57.75 -2.78 0.00	54.48 -2.87 0.00	50.05 -2.63 0.00	48.66 -2.19 0.00
SMITHTWN_69_KV_BK 1 55830	62.22 4.34 0.00	59.82 4.07 0.00	54.76 3.00 0.00	52.69 2.84 0.00	55.71 3.35 0.00	61.36 4.65 0.00	69.21 5.54 0.00	76.62 6.65 0.00	78.90 6.91 0.00	87.08 7.99 -15.73	97.42 6.68 -18.65	97.37 6.30 -22.23	95.25 5.91 -23.19	95.74 5.68 -21.87	95.82 5.98 -21.87	94.99 5.62 -24.72	107.90 6.12 -32.98	99.95 6.74 -17.53	92.83 6.03 -19.08	92.51 5.65 -25.41	89.56 5.75 -23.27	68.47 5.79 -5.34	57.95 5.27 0.00	55.68 4.83 0.00
SOUTH CAIRO___GT 23612	61.52 3.65 0.00	59.43 3.68 0.00	55.02 3.26 0.00	52.99 3.14 0.00	55.66 3.30 0.00	60.39 3.69 0.00	67.49 3.82 0.00	73.33 3.36 0.00	75.66 3.67 0.00	83.13 4.03 0.00	78.76 3.75 0.00	75.82 3.40 0.00	69.93 2.82 0.00	69.61 2.74 0.00	70.83 2.85 0.00	67.76 3.10 0.00	72.37 3.58 0.00	79.84 4.16 0.00	71.51 3.79 0.00	64.95 3.50 0.00	64.05 3.51 0.00	60.44 3.10 0.00	55.58 2.90 0.00	53.59 2.75 0.00
SOUTH HAMPTN___IC 23720	62.68 4.80 -0.01	60.27 4.51 0.00	55.33 3.57 0.00	53.09 3.24 0.00	56.18 3.82 0.00	62.16 5.44 -0.01	70.05 6.37 -0.01	77.47 7.49 -0.01	79.77 7.78 -0.01	88.12 9.01 -15.73	98.17 7.43 -18.65	97.95 6.88 -22.23	95.79 6.44 -23.19	96.08 6.02 -21.87	96.30 6.46 -24.72	95.51 6.15 -32.98	108.03 6.26 -17.53	99.72 6.51 -19.08	92.77 5.96 -25.41	92.88 6.03 -23.27	89.99 6.18 -5.34	68.88 6.19 -0.01	58.27 5.58 -0.01	56.40 5.54 0.00
SOUTHDOW_115KV_TB1 355954	54.75 -3.13 0.00	52.02 -3.74 0.00	48.81 -2.95 0.00	47.36 -2.49 0.00	49.43 -2.93 0.00	52.11 -4.59 0.00	58.45 -5.22 0.00	64.59 -5.39 0.00	65.22 -6.77 0.00	70.63 -8.46 0.00	61.67 -9.15 4.18	60.59 -8.47 3.36	57.74 -7.99 1.39	55.89 -8.43 2.55	60.60 -7.27 0.10	51.66 -8.60 4.40	58.35 -7.70 2.73	62.26 -8.02 5.40	57.97 -7.45 2.30	51.90 -7.19 2.36	50.17 -7.14 3.23	47.56 -6.94 2.84	46.83 -5.85 0.00	46.42 -4.42 0.00
SOUTHOLD_69_KV_BK 2 55809	62.91 5.04 0.00	60.55 4.79 0.00	55.44 3.68 0.00	53.44 3.59 0.00	56.55 4.19 0.00	62.55 5.84 0.00	70.68 7.00 0.00	78.09 8.12 0.00	80.41 8.42 0.00	88.90 9.81 -15.73	98.92 8.18 -18.65	98.82 7.75 -22.23	96.46 7.11 -23.19	96.88 6.82 -21.87	97.25 7.41 -24.72	96.42 7.05 -32.98	109.07 7.29 -17.53	100.70 7.49 -19.08	93.44 6.64 -25.41	93.19 6.33 -23.27	90.29 6.48 -5.34	69.10 6.42 0.00	58.26 5.58 0.00	56.34 5.49 0.00
SOUTHOLD___IC 23719	62.92 5.03 -0.01	60.55 4.80 0.00	55.65 3.88 0.00	53.44 3.59 0.00	56.55 4.19 0.00	62.67 5.95 -0.01	70.68 7.00 -0.01	78.09 8.11 -0.01	80.41 8.42 -0.01	88.99 9.89 -15.73	98.99 8.25 -18.65	98.74 7.67 -22.23	96.39 7.05 -23.19	96.74 6.69 -21.87	96.97 7.14 -24.72	96.22 6.85 -32.98	108.72 6.95 -17.53	100.32 7.11 -19.08	93.24 6.44 -25.41	93.25 6.39 -23.27	90.29 6.48 -5.34	69.10 6.42 -0.01	58.33 5.64 -0.01	56.60 5.74 0.00
SOUTH_FORK_WT_PWR 323839	62.52 4.63 -0.01	60.16 4.40 0.00	55.33 3.57 0.00	53.14 3.29 0.00	56.33 3.98 0.00	62.50 5.79 -0.01	70.50 6.82 -0.01	77.82 7.84 -0.01	80.13 8.13 -0.01	88.67 9.57 -0.01	98.61 7.87 -15.73	98.38 7.31 -18.65	96.05 6.71 -22.23	96.41 6.36 -23.19	96.70 6.86 -21.87	95.97 6.60 -24.72	108.38 6.60 -32.98	99.79 6.58 -17.53	92.69 5.89 -19.08	92.76 5.90 -25.41	89.86 6.05 -23.27	68.65 5.96 -5.34	57.90 5.22 -0.01	56.30 5.44 -0.01
SPIERFLS_115KV_TB 1 80737	60.25 2.37 0.00	58.10 2.34 0.00	53.78 2.02 0.00	51.89 2.04 0.00	54.45 2.09 0.00	59.37 2.67 0.00	66.73 3.06 0.00	73.26 3.29 0.00	75.88 3.89 0.00	83.44 4.35 0.00	79.28 4.28 0.00	76.40 3.98 0.00	70.40 3.29 0.00	70.15 3.28 0.00	71.23 3.26 0.00	67.63 2.97 0.00	72.16 3.37 0.00	79.46 3.78 0.00	70.90 3.18 0.00	63.97 2.52 0.00	63.08 2.54 0.00	59.87 2.52 0.00	54.89 2.21 0.00	52.93 2.08 0.00
ST LAWRENCE____ 23600	58.51 0.64 0.00	56.37 0.61 0.00	52.38 0.62 0.00	50.45 0.60 0.00	53.04 0.68 0.00	57.33 0.62 0.00	64.44 0.77 0.00	70.53 0.56 0.00	72.56 0.57 0.00	79.65 0.56 0.00	75.46 0.45 0.00	72.93 0.51 0.00	67.79 0.67 0.00	67.54 0.67 0.00	68.72 0.75 0.00	65.23 0.58 0.00	69.28 0.48 0.00	75.90 0.23 0.00	68.20 0.48 0.00	61.82 0.37 0.00	60.90 0.37 0.00	57.57 0.23 0.00	53.00 0.32 0.00	51.10 0.26 0.00

STATE_CA_115KV_115_LB 55624	59.79 1.91 0.00	57.65 1.90 0.00	53.42 1.66 0.00	51.44 1.60 0.00	54.03 1.68 0.00	58.75 2.04 0.00	65.84 2.16 0.00	71.51 1.54 0.00	73.72 1.73 0.00	80.91 1.82 0.00	76.96 1.95 0.00	74.23 1.81 0.00	68.86 1.75 0.00	68.54 1.67 0.00	69.60 1.63 0.00	66.21 1.55 0.00	70.44 1.65 0.00	77.27 1.59 0.00	69.28 1.56 0.00	62.98 1.54 0.00	62.11 1.57 0.00	58.95 1.61 0.00	54.26 1.58 0.00	52.27 1.42 0.00
STATE_ST_34_KV_LOAD 55959	57.12 -0.75 0.00	54.86 -0.89 0.00	51.09 -0.67 0.00	49.25 -0.60 0.00	51.62 -0.73 0.00	55.74 -0.96 0.00	62.59 -1.08 0.00	68.99 -0.98 0.00	70.91 -1.08 0.00	78.07 -1.03 0.00	74.18 -0.83 0.00	71.70 -0.72 0.00	66.24 -0.87 0.00	66.13 -0.74 0.00	67.15 -0.82 0.00	63.88 -0.78 0.00	68.17 -0.62 0.00	75.15 -0.53 0.00	67.04 -0.68 0.00	60.65 -0.80 0.00	59.69 -0.85 0.00	56.37 -0.97 0.00	51.84 -0.84 0.00	50.19 -0.66 0.00
STATION_5_MISC_HYD 23604	54.98 -2.89 0.00	52.69 -3.07 0.00	49.17 -2.59 0.00	47.61 -2.24 0.00	49.74 -2.62 0.00	52.57 -4.14 0.00	58.64 -5.03 0.00	65.01 -4.97 0.00	66.30 -5.69 0.00	72.93 -6.17 0.00	69.25 -5.77 -0.01	67.29 -5.14 -0.01	62.15 -4.97 0.00	62.53 -4.35 -0.01	63.48 -4.49 0.00	60.71 -3.95 0.00	64.81 -3.99 -0.01	71.60 -4.09 -0.01	63.53 -4.20 -0.01	57.21 -4.24 0.00	56.78 -3.75 0.00	53.56 -3.79 0.00	49.15 -3.53 0.00	47.39 -3.46 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	55.85 -2.03 0.00	53.58 -2.17 0.00	50.00 -1.76 0.00	48.30 -1.55 0.00	50.53 -1.83 0.00	54.10 -2.61 0.00	60.36 -3.31 0.00	66.61 -3.36 0.00	68.10 -3.89 0.00	74.90 -4.19 0.00	71.19 -3.83 0.00	69.02 -3.40 0.00	63.76 -3.36 0.00	63.80 -3.08 0.00	64.84 -3.13 0.00	61.81 -2.84 0.00	66.11 -2.68 0.00	72.96 -2.72 0.00	64.95 -2.78 0.00	58.68 -2.77 0.00	57.81 -2.72 0.00	54.53 -2.81 0.00	50.15 -2.53 0.00	48.86 -1.98 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	54.75 -3.13 0.00	52.46 -3.29 0.00	49.02 -2.74 0.00	47.41 -2.44 0.00	49.53 -2.83 0.00	52.79 -3.91 0.00	58.64 -5.03 0.00	64.87 -5.11 0.00	66.23 -5.76 0.00	72.77 -6.33 0.00	69.17 -5.85 -0.01	67.14 -5.29 -0.01	62.22 -4.90 0.00	62.26 -4.61 -0.01	63.21 -4.76 0.00	60.39 -4.27 0.00	64.67 -4.13 -0.01	71.38 -4.31 -0.01	63.60 -4.13 0.00	57.39 -4.06 0.00	56.60 -3.93 0.00	53.39 -3.96 0.00	48.99 -3.69 0.00	47.85 -3.00 0.00
STA_56___34_KV_BUS2 355983	54.75 -3.13 0.00	52.46 -3.29 0.00	49.02 -2.74 0.00	47.41 -2.44 0.00	49.53 -2.83 0.00	52.79 -3.91 0.00	58.64 -5.03 0.00	64.87 -5.11 0.00	66.23 -5.76 0.00	72.77 -6.33 0.00	69.17 -5.85 -0.01	67.14 -5.29 -0.01	62.22 -4.90 0.00	62.26 -4.61 -0.01	63.21 -4.76 0.00	60.39 -4.27 0.00	64.67 -4.13 -0.01	71.38 -4.31 -0.01	63.60 -4.13 0.00	57.39 -4.06 0.00	56.60 -3.93 0.00	53.39 -3.96 0.00	48.99 -3.69 0.00	47.85 -3.00 0.00
STA_67___115KV_BK2 355882	54.87 -3.01 0.00	52.58 -3.18 0.00	49.17 -2.59 0.00	47.56 -2.29 0.00	49.64 -2.72 0.00	52.85 -3.86 0.00	58.71 -4.97 0.00	64.94 -5.04 0.00	66.16 -5.83 0.00	72.69 -6.41 0.00	69.09 -5.93 -0.01	67.07 -5.36 -0.01	62.15 -4.97 0.00	62.19 -4.68 -0.01	63.21 -4.76 0.00	60.39 -4.27 0.00	64.74 -4.06 -0.01	71.45 -4.24 -0.01	63.60 -4.13 0.00	57.40 -4.06 0.00	56.60 -3.93 0.00	53.44 -3.90 0.00	49.04 -3.63 0.00	47.95 -2.90 0.00
STA_7___115KV_9TRANS 80674	55.27 -2.60 0.00	52.97 -2.79 0.00	49.43 -2.33 0.00	47.80 -2.04 0.00	49.95 -2.41 0.00	53.19 -3.52 0.00	59.09 -4.58 0.00	65.43 -4.55 0.00	66.73 -5.26 0.00	73.32 -5.77 0.00	69.77 -5.25 -0.01	67.72 -4.71 -0.01	62.69 -4.43 0.00	62.80 -4.08 -0.01	63.82 -4.15 0.00	60.97 -3.69 0.00	65.29 -3.51 -0.01	72.06 -3.63 -0.01	64.21 -3.52 0.00	57.89 -3.56 0.00	57.09 -3.45 0.00	53.85 -3.50 0.00	49.41 -3.27 0.00	48.25 -2.59 0.00
STA_82___115KV_TB1 80780	54.87 -3.01 0.00	52.58 -3.18 0.00	49.12 -2.64 0.00	47.51 -2.34 0.00	49.64 -2.72 0.00	52.85 -3.86 0.00	58.64 -5.03 0.00	64.87 -5.11 0.00	66.16 -5.83 0.00	72.61 -6.49 0.00	69.02 -6.00 -0.01	67.00 -5.43 -0.01	62.08 -5.03 0.00	62.13 -4.75 -0.01	63.14 -4.83 0.00	60.32 -4.33 0.00	64.67 -4.13 -0.01	71.38 -4.31 -0.01	63.53 -4.20 -0.01	57.33 -4.12 -0.01	56.54 -4.00 0.00	53.39 -3.96 0.00	49.04 -3.63 0.00	47.90 -2.95 0.00
STEEL___WIND 323596	53.88 -3.99 0.00	51.29 -4.46 0.00	48.14 -3.62 0.00	46.86 -2.99 0.00	48.69 -3.67 0.00	50.36 -6.35 0.00	55.84 -7.83 0.00	61.93 -8.04 0.00	62.56 -9.43 0.00	68.50 -10.60 0.00	56.19 -10.80 8.02	55.99 -9.99 6.43	55.65 -8.79 2.67	52.95 -9.03 4.90	59.42 -8.36 0.19	47.55 -8.66 8.44	54.81 -8.74 5.24	56.02 -9.31 10.34	55.52 -7.79 4.41	49.87 -7.38 4.20	46.98 -7.81 5.75	45.23 -7.06 5.06	46.57 -6.11 0.00	45.36 -5.49 0.00
STEPHTWN_115KV_BK_2 55603	60.02 2.14 0.00	57.93 2.17 0.00	53.62 1.86 0.00	51.64 1.79 0.00	54.29 1.94 0.00	59.09 2.38 0.00	66.22 2.55 0.00	72.07 2.10 0.00	74.29 2.30 0.00	81.55 2.45 0.00	77.56 2.55 0.00	74.74 2.32 0.00	69.26 2.15 0.00	68.94 2.07 0.00	70.08 2.11 0.00	66.66 2.00 0.00	70.99 2.20 0.00	78.02 2.35 0.00	69.89 2.17 0.00	63.54 2.09 0.00	62.59 2.06 0.00	59.41 2.06 0.00	54.68 2.00 0.00	52.68 1.83 0.00
STEBEN_REC_LFGE 323667	56.83 -1.04 0.00	54.19 -1.56 0.00	50.73 -1.04 0.00	49.00 -0.85 0.00	51.10 -1.26 0.00	54.44 -2.27 0.00	60.62 -3.06 0.00	66.61 -3.36 0.00	67.74 -4.25 0.00	74.27 -4.82 0.00	88.34 -5.03 -18.36	82.52 -4.63 -14.73	68.48 -4.77 -6.13	73.33 -4.75 -11.21	64.05 -4.35 -0.43	79.26 -4.72 -19.32	76.19 -4.61 -12.01	94.51 -4.84 -23.68	72.96 -4.88 -10.11	66.36 -4.73 -9.64	69.06 -4.66 -13.19	64.60 -4.36 -11.61	49.10 -3.58 0.00	48.15 -2.69 0.00
STILLWATER___SOLAR 323814	60.42 2.54 0.00	58.32 2.57 0.00	53.99 2.22 0.00	52.04 2.19 0.00	54.66 2.30 0.00	59.48 2.78 0.00	66.79 3.12 0.00	73.26 3.29 0.00	75.73 3.74 0.00	83.05 3.95 0.00	78.91 3.90 0.00	76.11 3.69 0.00	70.40 3.29 0.00	70.01 3.14 0.00	71.10 3.13 0.00	67.57 2.91 0.00	72.03 3.23 0.00	79.46 3.78 0.00	70.97 3.25 0.00	64.27 2.83 0.00	63.32 2.79 0.00	60.04 2.70 0.00	55.10 2.42 0.00	53.19 2.34 0.00
STONY___BROOK 24151	62.23 4.34 -0.01	59.82 4.07 0.00	54.92 3.16 0.00	52.64 2.79 0.00	55.66 3.30 0.00	61.48 4.76 -0.01	69.28 5.60 -0.01	76.63 6.65 -0.01	78.91 6.91 -0.01	87.17 8.07 -0.01	97.41 6.67 -15.73	97.22 6.15 -18.65	95.12 5.77 -22.23	95.54 5.48 -23.19	95.48 5.64 -21.87	94.73 5.36 -24.72	107.42 5.64 -32.98	99.49 6.28 -17.53	92.49 5.69 -19.08	92.45 5.59 -25.41	89.50 5.69 -23.27	68.42 5.73 -5.34	58.01 5.32 -0.01	55.94 5.08 -0.01
STURGEON_POOL_HYD 23609	59.96 2.08 0.00	57.82 2.06 0.00	53.52 1.76 0.00	51.44 1.60 0.00	54.14 1.78 0.00	58.92 2.21 0.00	66.22 2.55 0.00	73.19 3.22 0.00	75.52 3.53 0.00	83.37 4.27 0.00	78.76 3.75 0.00	75.90 3.48 0.00	70.14 3.02 0.00	69.75 2.88 0.00	70.89 2.92 0.00	67.50 2.84 0.00	72.02 3.23 0.00	79.46 3.78 0.00	70.97 3.25 0.00	64.52 3.07 0.00	63.62 3.09 0.00	60.44 3.10 0.00	55.26 2.58 0.00	53.24 2.39 0.00

ST_LAW_115_BK7_LBMP 345037	58.57 0.70 0.00	56.48 0.72 0.00	52.49 0.72 0.00	50.55 0.70 0.00	53.09 0.73 0.00	57.39 0.68 0.00	64.56 0.89 0.00	70.60 0.63 0.00	72.63 0.65 0.00	79.65 0.56 0.00	75.54 0.53 0.00	72.93 0.51 0.00	67.85 0.74 0.00	67.61 0.74 0.00	68.79 0.82 0.00	65.30 0.65 0.00	69.34 0.55 0.00	75.90 0.23 0.00	68.20 0.48 0.00	61.88 0.43 0.00	60.96 0.43 0.00	57.57 0.23 0.00	53.05 0.37 0.00	51.15 0.31 0.00
ST_LAW_115_BK8_LBMP 345038	58.57 0.70 0.00	56.48 0.72 0.00	52.49 0.72 0.00	50.55 0.70 0.00	53.09 0.73 0.00	57.39 0.68 0.00	64.56 0.89 0.00	70.60 0.63 0.00	72.63 0.65 0.00	79.65 0.56 0.00	75.54 0.53 0.00	72.93 0.51 0.00	67.85 0.74 0.00	67.61 0.74 0.00	68.79 0.82 0.00	65.30 0.65 0.00	69.34 0.55 0.00	75.90 0.23 0.00	68.20 0.48 0.00	61.88 0.43 0.00	60.96 0.43 0.00	57.57 0.23 0.00	53.05 0.37 0.00	51.15 0.31 0.00
ST_LAW_230_BK5_LBMP 345035	58.51 0.64 0.00	56.37 0.61 0.00	52.38 0.62 0.00	50.45 0.60 0.00	53.04 0.68 0.00	57.33 0.62 0.00	64.44 0.77 0.00	70.53 0.56 0.00	72.56 0.57 0.00	79.65 0.56 0.00	75.46 0.45 0.00	72.93 0.51 0.00	67.79 0.67 0.00	67.54 0.67 0.00	68.72 0.75 0.00	65.23 0.58 0.00	69.28 0.48 0.00	75.90 0.23 0.00	68.20 0.48 0.00	61.82 0.37 0.00	60.90 0.37 0.00	57.57 0.23 0.00	53.00 0.32 0.00	51.10 0.26 0.00
ST_LAW_230_BK6_LBMP 345036	58.51 0.64 0.00	56.37 0.61 0.00	52.38 0.62 0.00	50.45 0.60 0.00	53.04 0.68 0.00	57.33 0.62 0.00	64.44 0.77 0.00	70.53 0.56 0.00	72.56 0.57 0.00	79.65 0.56 0.00	75.46 0.45 0.00	72.93 0.51 0.00	67.79 0.67 0.00	67.54 0.67 0.00	68.72 0.75 0.00	65.23 0.58 0.00	69.28 0.48 0.00	75.90 0.23 0.00	68.20 0.48 0.00	61.82 0.37 0.00	60.90 0.37 0.00	57.57 0.23 0.00	53.00 0.32 0.00	51.10 0.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	59.38 1.50 0.00	57.32 1.56 0.00	53.06 1.29 0.00	51.00 1.15 0.00	53.67 1.31 0.00	58.46 1.76 0.00	65.77 2.10 0.00	72.56 2.59 0.00	74.87 2.88 0.00	82.57 3.48 0.00	78.08 3.08 0.00	75.32 2.90 0.00	69.67 2.55 0.00	69.34 2.47 0.00	70.49 2.51 0.00	67.05 2.39 0.00	71.54 2.75 0.00	78.78 3.10 0.00	70.43 2.71 0.00	64.03 2.58 0.00	63.08 2.54 0.00	60.04 2.70 0.00	54.89 2.21 0.00	52.88 2.03 0.00
SWANROAD_115KV_TB1 355699	52.44 -5.44 0.00	50.01 -5.74 0.00	47.10 -4.66 0.00	45.71 -4.14 0.00	47.49 -4.87 0.00	48.99 -7.71 0.00	53.48 -10.19 0.00	59.27 -10.71 0.00	59.82 -12.17 0.00	65.49 -13.60 0.00	56.49 -12.45 6.07	55.82 -11.73 4.87	54.49 -10.60 2.02	53.00 -10.16 3.71	57.09 -10.74 0.14	48.91 -9.25 6.49	55.60 -9.22 3.97	58.02 -9.84 7.82	55.17 -9.21 3.34	49.67 -8.60 3.17	47.90 -8.23 4.40	45.90 -7.57 3.88	45.25 -7.43 0.00	45.51 -5.34 0.00
SYNERGY___BIOGAS 323694	54.63 -3.24 0.00	52.19 -3.57 0.00	48.91 -2.85 0.00	47.46 -2.39 0.00	49.43 -2.93 0.00	51.72 -4.99 0.00	57.05 -6.62 0.00	63.33 -6.65 0.00	64.21 -7.77 0.00	70.32 -8.78 0.00	62.79 -8.03 4.20	61.67 -7.39 3.37	59.01 -6.71 1.40	57.95 -6.35 2.56	61.28 -6.59 0.10	54.44 -5.75 4.46	60.61 -5.43 2.75	64.59 -5.68 5.41	59.99 -5.42 2.31	53.97 -5.28 2.19	52.49 -5.02 3.03	49.81 -4.87 2.66	47.89 -4.79 0.00	47.54 -3.31 0.00
SYRACUSE___ENERGY_ST1 323597	56.83 -1.04 0.00	54.64 -1.12 0.00	50.83 -0.93 0.00	48.95 -0.90 0.00	51.36 -0.99 0.00	55.52 -1.19 0.00	62.34 -1.34 0.00	68.64 -1.33 0.00	70.55 -1.44 0.00	77.67 -1.42 0.00	73.73 -1.28 0.00	71.33 -1.09 0.00	65.97 -1.14 0.00	65.80 -1.07 0.00	66.88 -1.09 0.00	63.68 -0.97 0.00	67.90 -0.89 0.00	74.77 -0.91 0.00	66.71 -1.02 0.00	60.40 -1.04 0.00	59.51 -1.03 0.00	56.25 -1.09 0.00	51.73 -0.95 0.00	50.03 -0.81 0.00
SYRACUSE___ENERGY_ST2 323598	56.83 -1.04 0.00	54.64 -1.12 0.00	50.83 -0.93 0.00	48.95 -0.90 0.00	51.36 -0.99 0.00	55.52 -1.19 0.00	62.34 -1.34 0.00	68.64 -1.33 0.00	70.55 -1.44 0.00	77.67 -1.42 0.00	73.73 -1.28 0.00	71.33 -1.09 0.00	65.97 -1.14 0.00	65.80 -1.07 0.00	66.88 -1.09 0.00	63.68 -0.97 0.00	67.90 -0.89 0.00	74.77 -0.91 0.00	66.71 -1.02 0.00	60.40 -1.04 0.00	59.51 -1.03 0.00	56.25 -1.09 0.00	51.73 -0.95 0.00	50.03 -0.81 0.00
SYRACUSE___POWER 24017	56.72 -1.16 0.00	54.53 -1.23 0.00	50.73 -1.04 0.00	48.85 -1.00 0.00	51.26 -1.10 0.00	55.40 -1.30 0.00	62.21 -1.46 0.00	68.57 -1.40 0.00	70.48 -1.51 0.00	77.51 -1.58 0.00	73.66 -1.35 0.00	71.26 -1.16 0.00	65.84 -1.28 0.00	65.67 -1.20 0.00	66.75 -1.22 0.00	63.55 -1.10 0.00	67.76 -1.03 0.00	74.62 -1.06 0.00	66.57 -1.15 0.00	60.28 -1.17 0.00	59.39 -1.15 0.00	56.20 -1.15 0.00	51.63 -1.05 0.00	49.98 -0.86 0.00
TALLMAN__138KV_BK151 55660	59.50 1.62 0.00	57.43 1.67 0.00	53.11 1.35 0.00	51.05 1.20 0.00	53.72 1.36 0.00	58.58 1.87 0.00	65.90 2.23 0.00	72.84 2.87 0.00	75.16 3.17 0.00	82.89 3.80 0.00	78.46 3.45 0.00	75.68 3.26 0.00	70.00 2.89 0.00	69.68 2.81 0.00	70.83 2.85 0.00	67.30 2.65 0.00	71.82 3.03 0.00	79.08 3.41 0.00	70.70 2.98 0.00	64.33 2.89 0.00	63.44 2.91 0.00	60.38 3.04 0.00	55.21 2.53 0.00	53.14 2.29 0.00
TEALLAVE_115KV_TB7 355573	56.37 -1.50 0.00	54.25 -1.51 0.00	50.42 -1.35 0.00	48.60 -1.25 0.00	51.00 -1.36 0.00	55.12 -1.59 0.00	61.83 -1.85 0.00	68.15 -1.82 0.00	70.04 -1.94 0.00	77.12 -1.98 0.00	73.21 -1.80 0.00	70.83 -1.59 0.00	65.50 -1.61 0.00	65.33 -1.54 0.00	66.41 -1.56 0.00	63.17 -1.49 0.00	67.35 -1.44 0.00	74.16 -1.51 0.00	66.16 -1.56 0.00	59.91 -1.54 0.00	59.02 -1.51 0.00	55.85 -1.49 0.00	51.31 -1.37 0.00	49.73 -1.12 0.00
TELGRAPH_34_KV_EAST 80808	53.59 -4.28 0.00	51.13 -4.63 0.00	48.03 -3.73 0.00	46.61 -3.24 0.00	48.48 -3.87 0.00	50.53 -6.18 0.00	55.52 -8.15 0.00	61.51 -8.47 0.00	62.27 -9.72 0.00	68.18 -10.92 0.00	59.82 -10.13 5.06	59.02 -9.34 4.06	56.97 -8.46 1.69	55.69 -8.09 3.09	59.49 -8.36 0.12	51.91 -7.37 5.38	58.26 -7.22 3.31	61.51 -7.64 6.52	57.69 -7.25 2.79	51.98 -6.82 2.64	50.35 -6.54 3.65	48.00 -6.14 3.21	46.78 -5.90 0.00	46.58 -4.27 0.00
TEMPLE___115KV_TB 2 55572	56.43 -1.45 0.00	54.25 -1.51 0.00	50.47 -1.29 0.00	48.60 -1.25 0.00	51.00 -1.36 0.00	55.12 -1.59 0.00	61.83 -1.85 0.00	68.15 -1.82 0.00	70.04 -1.94 0.00	77.12 -1.98 0.00	73.28 -1.73 0.00	70.83 -1.59 0.00	65.50 -1.61 0.00	65.33 -1.54 0.00	66.41 -1.56 0.00	63.23 -1.42 0.00	67.42 -1.38 0.00	74.24 -1.44 0.00	66.23 -1.49 0.00	59.97 -1.47 0.00	59.08 -1.45 0.00	55.85 -1.49 0.00	51.36 -1.32 0.00	49.73 -1.12 0.00
TIANA____69_KV_BK 1 55817	62.62 4.75 0.00	60.21 4.46 0.00	55.13 3.36 0.00	53.04 3.19 0.00	56.13 3.77 0.00	61.92 5.22 0.00	69.85 6.18 0.00	77.32 7.35 0.00	79.55 7.56 0.00	87.95 8.86 0.00	97.94 7.20 -15.73	97.88 6.81 -18.65	95.72 6.38 -22.23	96.07 6.02 -23.19	96.43 6.59 -21.87	95.58 6.21 -24.72	108.31 6.54 -32.98	100.02 6.81 -17.53	92.90 6.09 -19.08	92.82 5.96 -25.41	89.98 6.17 -23.27	68.88 6.19 -5.34	58.21 5.53 0.00	56.03 5.19 0.00

TILDEN___115KV_TB1 80814	56.72 -1.16 0.00	54.53 -1.23 0.00	50.73 -1.04 0.00	48.85 -1.00 0.00	51.26 -1.10 0.00	55.40 -1.30 0.00	62.21 -1.46 0.00	68.57 -1.40 0.00	70.48 -1.51 0.00	77.51 -1.58 0.00	73.66 -1.35 0.00	71.26 -1.16 0.00	65.84 -1.28 0.00	65.67 -1.20 0.00	66.75 -1.22 0.00	63.55 -1.10 0.00	67.76 -1.03 0.00	74.62 -1.06 0.00	66.57 -1.15 0.00	60.28 -1.17 0.00	59.39 -1.15 0.00	56.20 -1.15 0.00	51.63 -1.05 0.00	49.98 -0.86 0.00
TRIGEN___CC 323695	61.12 3.24 0.00	58.82 3.07 0.00	54.04 2.28 0.00	51.94 2.09 0.00	54.82 2.46 0.00	60.17 3.46 0.00	67.75 4.08 0.00	74.87 4.90 0.00	77.17 5.18 0.00	85.11 6.01 0.00	95.92 5.18 -15.73	95.92 4.85 -18.65	93.84 4.50 -22.23	94.40 4.35 -23.19	94.25 4.42 -21.87	93.51 4.14 -24.72	106.45 4.68 -32.98	98.43 5.22 -17.53	91.34 4.54 -19.08	91.16 4.30 -25.41	88.11 4.30 -23.27	67.10 4.42 -5.34	56.74 4.06 0.00	54.61 3.76 0.00
TRINITY__115KV__4 BK 55933	59.50 1.62 0.00	57.37 1.62 0.00	53.16 1.40 0.00	51.19 1.35 0.00	53.77 1.41 0.00	58.46 1.76 0.00	65.52 1.85 0.00	71.23 1.26 0.00	73.43 1.44 0.00	80.52 1.42 0.00	76.51 1.50 0.00	73.80 1.38 0.00	68.46 1.34 0.00	68.21 1.34 0.00	69.26 1.29 0.00	65.88 1.23 0.00	70.10 1.31 0.00	76.96 1.29 0.00	69.01 1.29 0.00	62.74 1.29 0.00	61.87 1.33 0.00	58.72 1.38 0.00	54.05 1.37 0.00	52.12 1.27 0.00
UNION___PROCESSING_DRP 323587	54.87 -3.01 0.00	52.58 -3.18 0.00	49.12 -2.64 0.00	47.51 -2.34 0.00	49.64 -2.72 0.00	52.85 -3.86 0.00	58.64 -5.03 0.00	64.87 -5.11 0.00	66.16 -5.83 0.00	72.69 -6.41 0.00	69.09 -5.93 -0.01	67.00 -5.43 -0.01	62.08 -5.03 0.00	62.13 -4.75 -0.01	63.14 -4.83 0.00	60.39 -4.27 0.00	64.67 -4.13 -0.01	71.38 -4.31 -0.02	63.60 -4.13 -0.01	57.40 -4.06 -0.01	56.60 -3.93 0.00	53.39 -3.96 0.00	49.04 -3.63 0.00	47.95 -2.90 0.00
UPPER HUDSON___HYD 24058	60.25 2.37 0.00	58.10 2.34 0.00	53.78 2.02 0.00	51.89 2.04 0.00	54.45 2.10 0.00	59.37 2.67 0.00	66.79 3.12 0.00	73.33 3.36 0.00	75.87 3.88 0.00	83.36 4.27 0.00	79.28 4.27 0.00	76.40 3.98 0.00	70.47 3.35 0.00	70.15 3.28 0.00	71.17 3.20 0.00	67.57 2.91 0.00	72.09 3.30 0.00	79.38 3.71 0.00	70.91 3.18 0.00	64.03 2.58 0.00	63.08 2.54 0.00	59.86 2.52 0.00	54.89 2.21 0.00	52.98 2.14 0.00
UPPER RAQUET___HYD 24056	59.73 1.85 0.00	57.48 1.73 0.00	53.52 1.76 0.00	51.54 1.70 0.00	54.19 1.83 0.00	58.47 1.76 0.00	65.96 2.29 0.00	71.93 1.96 0.00	74.08 2.09 0.00	81.15 2.05 0.00	76.96 1.95 0.00	74.52 2.10 0.00	69.26 2.15 0.00	68.95 2.08 0.00	70.21 2.24 0.00	66.46 1.81 0.00	70.10 1.30 0.00	76.51 0.83 0.00	68.87 1.15 0.00	62.37 0.92 0.00	61.38 0.85 0.00	58.20 0.86 0.00	53.89 1.21 0.00	51.92 1.07 0.00
VALLEY44_115KV_TB2 355964	54.87 -3.01 0.00	52.30 -3.46 0.00	49.12 -2.64 0.00	47.66 -2.19 0.00	49.58 -2.77 0.00	52.28 -4.42 0.00	58.01 -5.67 0.00	63.82 -6.16 0.00	64.36 -7.63 0.00	70.32 -8.78 0.00	62.18 -9.60 3.23	60.85 -8.98 2.59	57.45 -8.59 1.07	56.14 -8.76 1.97	60.83 -7.07 0.08	52.34 -8.92 3.39	57.81 -8.87 2.11	61.90 -9.61 4.17	57.14 -8.80 1.78	51.60 -8.11 1.74	50.53 -7.63 2.37	48.77 -6.48 2.09	47.52 -5.16 0.00	47.14 -3.71 0.00
VALLEY___115KV_TB 1-4 80826	60.31 2.43 0.00	58.15 2.40 0.00	53.99 2.23 0.00	51.99 2.14 0.00	54.61 2.25 0.00	59.15 2.44 0.00	66.28 2.61 0.00	72.70 2.73 0.00	74.72 2.74 0.00	82.18 3.08 0.00	77.93 2.93 0.00	75.32 2.90 0.00	69.80 2.68 0.00	69.55 2.67 0.00	70.69 2.72 0.00	67.18 2.52 0.00	71.41 2.61 0.00	78.48 2.80 0.00	70.02 2.30 0.00	63.41 1.97 0.00	62.41 1.88 0.00	59.18 1.83 0.00	54.26 1.58 0.00	52.37 1.53 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	60.60 2.72 0.00	58.26 2.51 0.00	54.04 2.28 0.00	52.09 2.24 0.00	54.77 2.41 0.00	59.43 2.72 0.00	66.86 3.18 0.00	73.75 3.78 0.00	76.02 4.03 0.00	83.92 4.82 0.00	79.36 4.35 0.00	76.62 4.20 0.00	70.61 3.49 0.00	70.28 3.41 0.00	71.57 3.60 0.00	67.95 3.30 0.00	72.44 3.65 0.00	79.76 4.09 0.00	71.17 3.45 0.00	64.46 3.01 0.00	63.44 2.91 0.00	60.10 2.75 0.00	55.00 2.32 0.00	53.14 2.29 0.00
VISCHER___FERRY HYD 24020	59.90 2.02 0.00	57.76 2.00 0.00	53.57 1.81 0.00	51.54 1.70 0.00	54.19 1.83 0.00	58.92 2.21 0.00	66.09 2.42 0.00	72.49 2.52 0.00	74.72 2.73 0.00	81.79 2.69 0.00	77.79 2.78 0.00	74.95 2.53 0.00	69.53 2.41 0.00	69.21 2.34 0.00	70.28 2.31 0.00	66.78 2.13 0.00	71.13 2.34 0.00	78.40 2.72 0.00	70.16 2.43 0.00	63.65 2.21 0.00	62.71 2.18 0.00	59.52 2.18 0.00	54.73 2.05 0.00	52.83 1.98 0.00
V_A_10_SYNC_DSASP 323832	53.01 -4.86 0.00	50.62 -5.13 0.00	47.57 -4.19 0.00	46.11 -3.74 0.00	47.96 -4.40 0.00	50.53 -6.18 0.00	55.52 -8.15 0.00	61.44 -8.54 0.00	62.34 -9.65 0.00	68.34 -10.76 0.00	60.76 -10.13 4.12	59.63 -9.49 3.31	57.08 -8.66 1.38	56.06 -8.29 2.52	59.38 -8.50 0.10	52.82 -7.50 4.34	58.73 -7.36 2.70	62.57 -7.79 5.32	58.07 -7.38 2.27	52.29 -7.00 2.15	50.81 -6.78 2.95	48.27 -6.48 2.59	46.78 -5.90 0.00	46.12 -4.73 0.00
V_CMM_10_SYNC_DSASP 323787	58.80 0.93 0.00	56.70 0.95 0.00	52.69 0.93 0.00	50.75 0.90 0.00	53.35 0.99 0.00	57.61 0.91 0.00	64.82 1.15 0.00	70.53 0.56 0.00	72.64 0.65 0.00	79.57 0.47 0.00	75.46 0.45 0.00	72.93 0.51 0.00	68.12 1.01 0.00	67.87 1.00 0.00	68.92 0.95 0.00	65.49 0.84 0.00	69.00 0.21 0.00	75.75 0.08 0.00	68.40 0.68 0.00	62.06 0.61 0.00	61.14 0.61 0.00	57.80 0.46 0.00	53.26 0.58 0.00	51.36 0.51 0.00
V_CMP_10_SYNC_DSASP 323788	59.96 2.08 0.00	57.82 2.06 0.00	53.78 2.02 0.00	51.84 1.99 0.00	54.50 2.15 0.00	58.80 2.10 0.00	66.28 2.61 0.00	72.49 2.52 0.00	74.72 2.74 0.00	81.70 2.61 0.00	77.56 2.55 0.00	74.96 2.53 0.00	69.60 2.48 0.00	69.28 2.41 0.00	70.35 2.38 0.00	66.79 2.13 0.00	70.65 1.86 0.00	77.72 2.04 0.00	69.82 2.10 0.00	63.35 1.90 0.00	62.41 1.88 0.00	58.78 1.43 0.00	54.15 1.48 0.00	52.12 1.27 0.00
V_D_10_SYNC_DSASP 323841	59.38 1.50 0.00	57.20 1.45 0.00	53.21 1.45 0.00	51.29 1.45 0.00	53.88 1.52 0.00	58.18 1.47 0.00	65.46 1.78 0.00	71.51 1.54 0.00	73.72 1.73 0.00	80.68 1.58 0.00	76.58 1.58 0.00	74.01 1.59 0.00	68.86 1.75 0.00	68.54 1.67 0.00	69.60 1.63 0.00	66.14 1.49 0.00	69.82 1.03 0.00	76.74 1.06 0.00	68.94 1.22 0.00	62.61 1.17 0.00	61.69 1.15 0.00	58.26 0.92 0.00	53.73 1.05 0.00	51.81 0.97 0.00
V_E_10_SYNC_DSASP 323830	61.70 3.82 0.00	59.04 3.29 0.00	54.97 3.21 0.00	52.99 3.14 0.00	55.66 3.30 0.00	60.17 3.46 0.00	67.87 4.20 0.00	74.87 4.90 0.00	76.88 4.90 0.00	84.79 5.69 0.00	81.61 5.18 -1.42	78.63 5.07 -1.14	71.68 4.09 -0.48	72.02 4.28 -0.87	72.90 4.89 -0.03	70.68 4.53 -1.50	74.95 5.23 -0.93	83.41 5.90 -1.83	73.31 4.81 -0.78	66.00 3.81 -0.74	65.06 3.51 -1.02	60.88 2.64 -0.90	54.73 2.05 0.00	52.93 2.08 0.00

V_F_30_NSYNC___DSASP 323816	60.48 2.60 0.00	58.37 2.62 0.00	54.04 2.28 0.00	52.09 2.24 0.00	54.71 2.36 0.00	59.49 2.78 0.00	66.79 3.12 0.00	73.33 3.36 0.00	75.80 3.82 0.00	83.21 4.11 0.00	79.06 4.05 0.00	76.19 3.77 0.00	70.47 3.36 0.00	70.08 3.21 0.00	71.30 3.33 0.00	67.69 3.04 0.00	72.23 3.44 0.00	79.54 3.86 0.00	71.11 3.39 0.00	64.27 2.83 0.00	63.38 2.85 0.00	60.10 2.75 0.00	55.16 2.48 0.00	53.19 2.34 0.00
V_F_30_SYNC_DSASP 323786	59.79 1.91 0.00	57.65 1.90 0.00	53.42 1.66 0.00	51.44 1.60 0.00	54.03 1.68 0.00	58.75 2.04 0.00	65.84 2.16 0.00	71.51 1.54 0.00	73.72 1.73 0.00	80.91 1.82 0.00	76.96 1.95 0.00	74.16 1.74 0.00	68.86 1.75 0.00	68.54 1.67 0.00	69.60 1.63 0.00	66.21 1.55 0.00	70.44 1.65 0.00	77.27 1.59 0.00	69.28 1.56 0.00	62.98 1.54 0.00	62.11 1.57 0.00	58.95 1.61 0.00	54.26 1.58 0.00	52.27 1.42 0.00
V_XM_10_SYNC_DSASP 323789	59.96 2.08 0.00	57.82 2.06 0.00	53.78 2.02 0.00	51.84 1.99 0.00	54.50 2.15 0.00	58.80 2.10 0.00	66.28 2.61 0.00	72.49 2.52 0.00	74.72 2.74 0.00	81.70 2.61 0.00	77.56 2.55 0.00	74.96 2.53 0.00	69.60 2.48 0.00	69.28 2.41 0.00	70.35 2.38 0.00	66.79 2.13 0.00	70.65 1.86 0.00	77.72 2.04 0.00	69.82 2.10 0.00	63.35 1.90 0.00	62.41 1.88 0.00	58.78 1.43 0.00	54.15 1.48 0.00	52.12 1.27 0.00
W.BABYLN_69_KV_BK1 56697	62.33 4.46 0.00	59.94 4.18 0.00	54.87 3.11 0.00	52.79 2.94 0.00	55.76 3.40 0.00	61.41 4.71 0.00	69.15 5.48 0.00	76.62 6.65 0.00	78.83 6.84 0.00	87.08 7.99 0.00	97.57 6.83 -15.73	97.59 6.52 -18.65	95.32 5.97 -22.23	95.87 5.82 -23.19	95.89 6.05 -21.87	95.12 5.75 -24.72	108.10 6.33 -32.98	100.25 7.04 -17.53	93.04 6.23 -19.08	92.63 5.78 -25.41	89.62 5.81 -23.27	68.53 5.85 -5.34	58.00 5.32 0.00	55.73 4.88 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	59.67 1.79 0.00	57.59 1.84 0.00	53.26 1.50 0.00	51.24 1.40 0.00	53.88 1.52 0.00	58.75 2.04 0.00	66.09 2.42 0.00	73.05 3.08 0.00	75.37 3.38 0.00	83.13 4.03 0.00	78.68 3.68 0.00	75.90 3.48 0.00	70.20 3.09 0.00	69.81 2.94 0.00	70.96 2.99 0.00	67.50 2.84 0.00	72.02 3.23 0.00	79.31 3.63 0.00	70.90 3.18 0.00	64.52 3.07 0.00	63.56 3.03 0.00	60.55 3.21 0.00	55.37 2.69 0.00	53.29 2.44 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	60.02 2.14 0.00	57.93 2.17 0.00	53.57 1.81 0.00	51.44 1.60 0.00	54.19 1.83 0.00	59.15 2.44 0.00	66.66 2.99 0.00	73.75 3.78 0.00	76.09 4.10 0.00	83.92 4.82 0.00	79.43 4.43 0.00	76.62 4.20 0.00	71.01 3.89 0.00	70.61 3.74 0.00	71.78 3.81 0.00	68.21 3.56 0.00	72.78 3.99 0.00	80.14 4.46 0.00	71.58 3.86 0.00	65.13 3.69 0.00	64.23 3.69 0.00	61.24 3.90 0.00	55.95 3.27 0.00	53.85 3.00 0.00
W50THST__13_KV_LOAD 356117	60.19 2.32 0.00	58.10 2.34 0.00	53.73 1.97 0.00	51.59 1.74 0.00	54.35 1.99 0.00	59.37 2.67 0.00	66.92 3.25 0.00	74.03 4.06 0.00	76.45 4.46 0.00	84.31 5.22 0.00	79.81 4.80 0.00	76.98 4.56 0.00	71.34 4.23 0.00	70.95 4.08 0.00	72.12 4.15 0.00	68.53 3.88 0.00	73.13 4.33 0.00	80.52 4.84 0.00	71.85 4.13 0.00	65.44 3.99 0.00	64.41 3.87 0.00	61.47 4.13 0.00	56.16 3.48 0.00	54.05 3.20 0.00
WADING RIVER_IC_1 23522	62.40 4.52 -0.01	59.99 4.24 0.00	55.08 3.32 0.00	52.79 2.94 0.00	55.81 3.45 0.00	61.71 4.99 -0.01	69.53 5.85 -0.01	76.91 6.93 -0.01	79.19 7.20 -0.01	87.48 8.38 -0.01	97.41 6.67 -15.73	97.22 6.15 -18.65	95.25 5.91 -22.23	95.47 5.41 -23.19	95.75 5.91 -21.87	94.93 5.56 -24.72	107.42 5.64 -32.98	99.12 5.91 -17.53	92.15 5.35 -19.08	92.45 5.59 -25.41	89.68 5.87 -23.27	68.59 5.91 -5.34	58.11 5.43 -0.01	56.09 5.24 -0.01
WADING RIVER_IC_2 23547	62.40 4.52 -0.01	59.99 4.24 0.00	55.08 3.32 0.00	52.79 2.94 0.00	55.81 3.45 0.00	61.71 4.99 -0.01	69.53 5.85 -0.01	76.91 6.93 -0.01	79.19 7.20 -0.01	87.48 8.38 -0.01	97.41 6.67 -15.73	97.22 6.15 -18.65	95.25 5.91 -22.23	95.47 5.41 -23.19	95.75 5.91 -21.87	94.93 5.56 -24.72	107.42 5.64 -32.98	99.12 5.91 -17.53	92.15 5.35 -19.08	92.45 5.59 -25.41	89.68 5.87 -23.27	68.59 5.91 -5.34	58.11 5.43 -0.01	56.09 5.24 -0.01
WADING RIVER_IC_3 23601	62.40 4.52 -0.01	59.99 4.24 0.00	55.08 3.32 0.00	52.79 2.94 0.00	55.81 3.45 0.00	61.71 4.99 -0.01	69.53 5.85 -0.01	76.91 6.93 -0.01	79.19 7.20 -0.01	87.48 8.38 -0.01	97.41 6.67 -15.73	97.22 6.15 -18.65	95.25 5.91 -22.23	95.47 5.41 -23.19	95.75 5.91 -21.87	94.93 5.56 -24.72	107.42 5.64 -32.98	99.12 5.91 -17.53	92.15 5.35 -19.08	92.45 5.59 -25.41	89.68 5.87 -23.27	68.59 5.91 -5.34	58.11 5.43 -0.01	56.09 5.24 -0.01
WALDENNY_12_KV_BK2 80841	53.82 -4.05 0.00	51.29 -4.46 0.00	48.24 -3.52 0.00	46.81 -3.04 0.00	48.69 -3.67 0.00	50.92 -5.78 0.00	55.97 -7.70 0.00	61.86 -8.12 0.00	62.56 -9.43 0.00	68.34 -10.76 0.00	56.48 -10.73 7.81	56.24 -9.92 6.26	55.32 -9.19 2.60	53.08 -9.03 4.77	59.22 -8.56 0.18	47.76 -8.66 8.23	55.16 -8.53 5.10	56.53 -9.08 10.07	54.89 -8.53 4.30	49.43 -7.93 4.09	47.25 -7.69 5.60	45.47 -6.94 4.93	46.62 -6.06 0.00	46.32 -4.53 0.00
WALDEN__HYDRO 24148	59.84 1.97 0.00	57.71 1.95 0.00	53.42 1.66 0.00	51.34 1.50 0.00	54.03 1.68 0.00	58.80 2.10 0.00	66.16 2.48 0.00	72.98 3.01 0.00	75.30 3.31 0.00	83.13 4.03 0.00	78.61 3.60 0.00	75.82 3.40 0.00	70.07 2.95 0.00	69.68 2.81 0.00	70.83 2.85 0.00	67.37 2.72 0.00	71.96 3.16 0.00	79.23 3.56 0.00	70.84 3.12 0.00	64.39 2.95 0.00	63.50 2.97 0.00	60.38 3.04 0.00	55.21 2.53 0.00	53.19 2.34 0.00
WARRENSBURG____ 23737	60.25 2.37 0.00	58.10 2.34 0.00	53.78 2.02 0.00	51.89 2.04 0.00	54.45 2.09 0.00	59.37 2.67 0.00	66.73 3.06 0.00	73.26 3.29 0.00	75.88 3.89 0.00	83.44 4.35 0.00	79.28 4.28 0.00	76.40 3.98 0.00	70.40 3.29 0.00	70.15 3.28 0.00	71.23 3.26 0.00	67.63 2.97 0.00	72.16 3.37 0.00	79.46 3.78 0.00	70.90 3.18 0.00	63.97 2.52 0.00	63.08 2.54 0.00	59.87 2.52 0.00	54.89 2.21 0.00	52.93 2.08 0.00
WATERSIDE____6 8 9 23538	60.42 2.55 0.00	58.43 2.68 0.00	53.99 2.23 0.00	51.69 1.84 0.00	54.56 2.20 0.00	59.37 2.67 0.00	66.98 3.31 0.00	73.75 3.78 0.00	76.16 4.18 0.00	84.08 4.98 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.08 4.21 0.00	72.25 4.28 0.00	68.73 4.07 0.00	73.33 4.54 0.00	80.52 4.84 0.00	72.06 4.33 0.00	65.69 4.24 0.00	64.77 4.24 0.00	61.76 4.42 0.00	56.42 3.74 0.00	54.31 3.46 0.00
WATKINRD_115KV_LN8_ILLION 55919	59.61 1.74 0.00	57.43 1.67 0.00	53.31 1.55 0.00	51.34 1.50 0.00	53.93 1.57 0.00	58.41 1.70 0.00	65.58 1.91 0.00	71.93 1.96 0.00	74.00 2.02 0.00	81.31 2.21 0.00	77.11 2.10 0.00	74.52 2.10 0.00	68.99 1.88 0.00	68.74 1.87 0.00	69.94 1.97 0.00	66.46 1.81 0.00	70.72 1.93 0.00	77.72 2.04 0.00	69.41 1.69 0.00	62.92 1.47 0.00	61.93 1.39 0.00	58.72 1.38 0.00	53.84 1.16 0.00	51.97 1.12 0.00

WDELAWARE___HYD 323627	60.60 2.72 0.00	58.43 2.68 0.00	54.09 2.33 0.00	51.99 2.14 0.00	54.72 2.36 0.00	59.60 2.89 0.00	66.85 3.18 0.00	73.68 3.71 0.00	76.02 4.03 0.00	84.00 4.91 0.00	79.36 4.35 0.00	76.47 4.05 0.00	70.54 3.42 0.00	70.15 3.28 0.00	71.17 3.20 0.00	67.82 3.17 0.00	72.37 3.57 0.00	79.91 4.24 0.00	71.51 3.79 0.00	65.01 3.56 0.00	64.05 3.51 0.00	60.78 3.44 0.00	55.57 2.90 0.00	53.69 2.85 0.00
WEST BABYLON___IC 23714	62.33 4.46 0.00	59.94 4.18 0.00	54.87 3.11 0.00	52.79 2.94 0.00	55.76 3.40 0.00	61.41 4.71 0.00	69.15 5.48 0.00	76.62 6.65 0.00	78.83 6.84 0.00	87.08 7.99 0.00	97.57 6.83 -15.73	97.59 6.52 -18.65	95.32 5.97 -22.23	95.87 5.82 -23.19	95.89 6.05 -21.87	95.12 5.75 -24.72	108.10 6.33 -32.98	100.25 7.04 -17.53	93.04 6.23 -19.08	92.63 5.78 -25.41	89.62 5.81 -23.27	68.53 5.85 -5.34	58.00 5.32 0.00	55.73 4.88 0.00
WEST CANADA___HYD 24049	57.99 0.12 0.00	55.92 0.17 0.00	51.86 0.10 0.00	49.95 0.10 0.00	52.46 0.10 0.00	56.88 0.17 0.00	63.86 0.19 0.00	70.18 0.21 0.00	72.20 0.22 0.00	79.41 0.32 0.00	75.31 0.30 0.00	72.64 0.22 0.00	67.32 0.20 0.00	67.00 0.13 0.00	68.11 0.14 0.00	64.85 0.19 0.00	68.93 0.14 0.00	75.90 0.23 0.00	67.86 0.14 0.00	61.57 0.12 0.00	60.66 0.12 0.00	57.52 0.17 0.00	52.78 0.11 0.00	50.95 0.10 0.00
WESTERN_NY_WIND 24143	54.52 -3.36 0.00	52.07 -3.68 0.00	48.86 -2.90 0.00	47.36 -2.49 0.00	49.32 -3.04 0.00	51.60 -5.10 0.00	56.86 -6.81 0.00	63.12 -6.86 0.00	64.00 -7.99 0.00	70.08 -9.02 0.00	62.15 -8.33 4.53	61.18 -7.60 3.64	58.69 -6.91 1.51	57.55 -6.55 2.77	61.07 -6.80 0.11	53.89 -5.95 4.82	60.19 -5.64 2.97	63.93 -5.90 5.85	59.60 -5.62 2.50	53.67 -5.41 2.37	52.06 -5.21 3.27	49.48 -4.99 2.88	47.78 -4.90 0.00	47.44 -3.41 0.00
WESTOVER___LESR 323668	57.24 -0.64 0.00	54.97 -0.78 0.00	51.19 -0.57 0.00	49.40 -0.45 0.00	51.73 -0.63 0.00	55.69 -1.02 0.00	62.40 -1.27 0.00	68.71 -1.26 0.00	71.20 -0.79 0.00	78.30 -0.79 0.00	74.18 -0.83 0.01	71.69 -0.72 0.00	66.24 -0.87 0.00	66.06 -0.80 0.00	67.43 -0.54 0.00	63.94 -0.71 0.00	67.41 -1.38 0.00	74.31 -1.36 0.01	66.30 -1.42 0.00	60.03 -1.41 0.00	59.26 -1.27 0.00	56.14 -1.20 0.00	51.63 -1.05 0.00	50.14 -0.71 0.00
WETHRSFD_WT_PWR 323626	54.29 -3.59 0.00	51.80 -3.96 0.00	48.45 -3.31 0.00	47.06 -2.79 0.00	48.96 -3.40 0.00	50.98 -5.73 0.00	56.67 -7.00 0.00	62.69 -7.28 0.00	63.64 -8.35 0.00	69.76 -9.33 0.00	37.07 -9.53 28.41	40.72 -8.91 22.79	49.46 -8.19 9.47	41.17 -8.36 17.34	59.22 -8.09 0.66	26.69 -8.08 29.88	41.96 -8.26 18.58	30.26 -8.78 36.64	44.36 -7.72 15.64	39.30 -7.25 14.89	32.67 -7.51 20.36	32.47 -6.94 17.93	46.52 -6.16 0.00	45.25 -5.59 0.00
WHAVSTOR_138KV_BK127 55557	59.44 1.56 0.00	57.43 1.67 0.00	53.11 1.35 0.00	51.05 1.20 0.00	53.72 1.36 0.00	58.58 1.87 0.00	65.90 2.23 0.00	72.84 2.87 0.00	75.16 3.17 0.00	82.89 3.80 0.00	78.46 3.45 0.00	75.68 3.26 0.00	70.00 2.89 0.00	69.68 2.81 0.00	70.83 2.85 0.00	67.30 2.65 0.00	71.82 3.03 0.00	79.08 3.41 0.00	70.70 2.98 0.00	64.27 2.83 0.00	63.38 2.85 0.00	60.38 3.04 0.00	55.21 2.53 0.00	53.14 2.29 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	59.44 1.56 0.00	57.43 1.67 0.00	53.11 1.35 0.00	51.05 1.20 0.00	53.72 1.36 0.00	58.58 1.87 0.00	65.90 2.23 0.00	72.84 2.87 0.00	75.16 3.17 0.00	82.89 3.80 0.00	78.46 3.45 0.00	75.68 3.26 0.00	70.00 2.89 0.00	69.68 2.81 0.00	70.83 2.85 0.00	67.30 2.65 0.00	71.82 3.03 0.00	79.08 3.41 0.00	70.70 2.98 0.00	64.27 2.83 0.00	63.38 2.85 0.00	60.38 3.04 0.00	55.21 2.53 0.00	53.14 2.29 0.00
WHITEHAL_115KV_TB1 80871	61.70 3.82 0.00	59.55 3.79 0.00	55.02 3.26 0.00	53.19 3.34 0.00	55.76 3.40 0.00	60.85 4.14 0.00	68.51 4.84 0.00	75.22 5.25 0.00	77.96 5.97 0.00	85.66 6.56 0.00	81.46 6.45 0.00	78.43 6.01 0.00	72.22 5.10 0.00	73.16 6.29 0.00	74.36 6.39 0.00	70.67 6.01 0.00	75.81 7.02 0.00	81.81 6.13 0.00	72.94 5.21 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.36 4.01 0.00	56.16 3.48 0.00	54.15 3.31 0.00
WHITEPLN_13_KV_LOAD 356215	60.36 2.49 0.00	58.21 2.45 0.00	53.88 2.12 0.00	51.74 1.89 0.00	54.50 2.15 0.00	59.49 2.78 0.00	67.11 3.44 0.00	74.38 4.41 0.00	76.74 4.75 0.00	84.79 5.69 0.00	80.33 5.33 0.00	77.49 5.07 0.00	71.61 4.50 0.00	71.22 4.35 0.00	72.39 4.42 0.00	68.73 4.07 0.00	73.40 4.61 0.00	80.90 5.22 0.00	72.19 4.47 0.00	65.56 4.12 0.00	64.59 4.06 0.00	61.47 4.13 0.00	56.16 3.48 0.00	54.05 3.20 0.00
WM_FLOYD_69_KV_BK2 356380	62.39 4.51 0.00	59.99 4.24 0.00	54.87 3.11 0.00	52.79 2.94 0.00	55.81 3.46 0.00	61.58 4.88 0.00	69.40 5.73 0.00	76.90 6.93 0.00	79.11 7.13 0.00	87.40 8.30 0.00	97.49 6.75 -15.73	97.44 6.37 -18.65	95.32 5.97 -22.23	95.74 5.68 -23.19	96.02 6.19 -21.87	95.19 5.82 -24.72	107.90 6.12 -32.98	99.72 6.51 -17.53	92.70 5.89 -19.08	92.57 5.71 -25.41	89.68 5.87 -23.27	68.59 5.91 -5.34	58.05 5.37 0.00	55.83 4.98 0.00
WOODARD___115KV_TB2 355635	56.37 -1.50 0.00	54.19 -1.56 0.00	50.42 -1.35 0.00	48.60 -1.25 0.00	50.94 -1.41 0.00	55.12 -1.59 0.00	61.83 -1.85 0.00	68.08 -1.89 0.00	70.04 -1.94 0.00	77.04 -2.06 0.00	73.13 -1.88 0.00	70.76 -1.67 0.00	65.44 -1.68 0.00	65.27 -1.60 0.00	66.34 -1.63 0.00	63.17 -1.49 0.00	67.35 -1.44 0.00	74.16 -1.51 0.00	66.16 -1.56 0.00	59.91 -1.54 0.00	59.02 -1.51 0.00	55.85 -1.49 0.00	51.31 -1.37 0.00	49.68 -1.17 0.00
WOODMERE_69_KV_BK1 55827	61.81 3.94 0.00	59.49 3.74 0.00	54.61 2.85 0.00	52.49 2.64 0.00	55.39 3.04 0.00	60.79 4.08 0.00	68.51 4.84 0.00	75.71 5.74 0.00	78.03 6.05 0.00	86.05 6.96 0.00	96.82 6.08 -15.73	96.94 5.87 -18.65	94.71 5.37 -22.23	95.27 5.22 -23.19	95.14 5.30 -21.87	94.35 4.98 -24.72	107.35 5.57 -32.98	99.42 6.21 -17.53	92.29 5.49 -19.08	91.96 5.10 -25.41	88.89 5.08 -23.27	67.84 5.16 -5.34	57.37 4.69 0.00	55.22 4.37 0.00
YORK___WARBASSE 23770	60.25 2.37 0.00	58.32 2.56 0.00	53.94 2.17 0.00	51.59 1.74 0.00	54.50 2.15 0.00	59.26 2.55 0.00	66.86 3.18 0.00	73.61 3.64 0.00	76.02 4.03 0.00	84.00 4.90 0.00	79.73 4.73 0.00	76.98 4.56 0.00	71.48 4.36 0.00	71.02 4.15 0.00	72.18 4.21 0.00	68.60 3.94 0.00	73.33 4.54 0.00	80.59 4.92 0.00	72.06 4.33 0.00	65.62 4.18 0.00	64.71 4.18 0.00	61.70 4.36 0.00	56.42 3.74 0.00	54.25 3.41 0.00