

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion									
Generator Data																										06/13/2026	
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		
59TH STREET_GT_1	24138	50.11	45.12	44.71	43.54	41.43	41.84	38.07	36.85	40.15	41.12	42.59	48.13	51.10	53.40	59.05	60.78	74.75	87.79	90.88	93.29	75.84	59.57	55.08	50.52		
		3.54	3.26	2.81	2.62	2.31	2.22	2.22	2.76	3.01	3.22	3.59	4.13	4.26	4.59	5.12	5.22	5.86	7.17	7.58	6.99	4.02	3.21	3.17	3.08		
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_1	24260	50.11	45.20	44.79	43.62	41.51	41.92	38.11	36.89	40.19	41.16	42.63	48.17	51.10	53.45	59.10	60.84	74.82	87.63	90.97	93.38	75.91	59.63	55.03	50.52		
		3.54	3.35	2.89	2.70	2.39	2.30	2.26	2.80	3.05	3.26	3.63	4.18	4.26	4.64	5.18	5.28	5.92	7.01	7.66	7.08	4.09	3.27	3.11	3.08		
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_2	24261	50.11	45.20	44.79	43.62	41.51	41.92	38.11	36.89	40.19	41.16	42.63	48.17	51.10	53.45	59.10	60.84	74.82	87.63	90.97	93.38	75.91	59.63	55.03	50.52		
		3.54	3.35	2.89	2.70	2.39	2.30	2.26	2.80	3.05	3.26	3.63	4.18	4.26	4.64	5.18	5.28	5.92	7.01	7.66	7.08	4.09	3.27	3.11	3.08		
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK HUDSON___FALLS	24011	49.32	44.37	44.20	43.09	41.04	41.53	37.46	35.59	38.25	38.92	39.63	45.00	47.40	49.44	54.89	56.95	71.99	84.81	89.30	92.60	76.70	60.36	55.18	50.14		
		2.75	2.51	2.30	2.17	1.92	1.90	1.61	1.50	1.11	1.02	0.62	1.01	0.56	0.63	0.97	1.39	3.10	4.19	6.00	6.30	4.88	4.00	3.27	2.70		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	49.55	44.54	44.41	43.25	41.20	41.68	37.61	35.73	38.33	38.96	39.63	45.04	47.40	49.44	54.89	56.95	72.20	85.37	89.80	93.29	77.21	60.70	55.49	50.33		
		2.98	2.68	2.51	2.33	2.07	2.06	1.76	1.64	1.19	1.06	0.62	1.05	0.56	0.63	0.97	1.39	3.31	4.76	6.50	6.99	5.39	4.34	3.58	2.89		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK S GLENS___FALLS	24028	49.32	44.37	44.20	43.09	41.04	41.53	37.46	35.59	38.25	38.92	39.63	45.00	47.40	49.44	54.89	56.95	71.99	84.81	89.30	92.60	76.70	60.36	55.18	50.14		
		2.75	2.51	2.30	2.17	1.92	1.90	1.61	1.50	1.11	1.02	0.62	1.01	0.56	0.63	0.97	1.39	3.10	4.19	6.00	6.30	4.88	4.00	3.27	2.70		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	49.22	44.24	44.20	43.12	41.16	41.72	37.68	36.00	39.03	39.83	41.03	46.14	49.13	51.35	56.78	58.61	72.82	85.54	88.71	91.31	75.48	59.51	54.77	50.04		
		2.65	2.38	2.30	2.21	2.03	2.10	1.83	1.91	1.89	1.93	2.03	2.15	2.29	2.54	2.86	3.05	3.92	4.92	5.41	5.00	3.66	3.15	2.85	2.61		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.50	42.73	42.74	41.73	39.79	40.34	36.46	34.77	37.70	38.47	39.63	44.73	47.49	49.54	54.79	56.56	70.20	82.23	85.63	88.20	72.90	57.37	52.74	48.24		
		0.93	0.88	0.84	0.82	0.67	0.71	0.61	0.68	0.56	0.57	0.62	0.75	0.66	0.73	0.86	1.00	1.31	1.61	2.33	1.90	1.08	1.01	0.83	0.81		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.25	41.60	41.56	40.63	39.01	39.47	35.74	33.78	37.03	37.71	38.85	43.68	46.60	48.47	53.06	54.45	67.52	78.92	81.05	84.40	70.82	55.46	51.39	47.20		
		-0.33	-0.25	-0.34	-0.29	-0.12	-0.16	-0.11	-0.31	-0.11	-0.19	-0.16	-0.31	-0.23	-0.34	-0.86	-1.11	-1.38	-1.69	-2.25	-1.90	-1.01	-0.90	-0.52	-0.24		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	48.53	43.61	43.66	42.59	40.65	41.13	37.07	35.15	37.88	38.55	39.67	44.82	47.58	49.69	55.00	56.84	70.75	83.27	86.88	90.19	74.55	58.67	53.93	49.28		
		1.96	1.76	1.76	1.68	1.52	1.51	1.22	1.06	0.74	0.64	0.66	0.83	0.75	0.88	1.08	1.28	1.86	2.66	3.58	3.89	2.73	2.31	2.02	1.85		
		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		
ALBANY_2_SOLAR	323834	48.53	43.61	43.62	42.59	40.65	41.13	37.07	35.15	37.88	38.51	39.67	44.82	47.58	49.69	55.00	56.78	70.68	83.27	86.88	90.10	74.55	58.67	53.93	49.28		
		1.96	1.76	1.72	1.68	1.52	1.51	1.22	1.06	0.74	0.60	0.66	0.83	0.75	0.88	1.08	1.22	1.79	2.66	3.58	3.79	2.73	2.31	2.02	1.85		
		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		
ALBANY___1	23571	47.50	42.73	42.74	41.73	39.79	40.34	36.46	34.77	37.70	38.47	39.63	44.73	47.49	49.54	54.79	56.56	70.20	82.23	85.63	88.20	72.90	57.37	52.74	48.24		
		0.93	0.88	0.84	0.82	0.67	0.71	0.61	0.68	0.56	0.57	0.62	0.75	0.66	0.73	0.86	1.00	1.31	1.61	2.33	1.90	1.08	1.01	0.83	0.81		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

ALBANY___2 23572	47.50 0.93 0.00	42.73 0.88 0.00	42.74 0.84 0.00	41.73 0.82 0.00	39.79 0.67 0.00	40.34 0.71 0.00	36.46 0.61 0.00	34.77 0.68 0.00	37.70 0.56 0.00	38.47 0.57 0.00	39.63 0.62 0.00	44.73 0.75 0.00	47.49 0.66 0.00	49.54 0.73 0.00	54.79 0.86 0.00	56.56 1.00 0.00	70.20 1.31 0.00	82.23 1.61 0.00	85.63 2.33 0.00	88.20 1.90 0.00	72.90 1.08 0.00	57.37 1.01 0.00	52.74 0.83 0.00	48.24 0.81 0.00
ALBANY___3 23573	47.50 0.93 0.00	42.73 0.88 0.00	42.74 0.84 0.00	41.73 0.82 0.00	39.79 0.67 0.00	40.34 0.71 0.00	36.46 0.61 0.00	34.77 0.68 0.00	37.70 0.56 0.00	38.47 0.57 0.00	39.63 0.62 0.00	44.73 0.75 0.00	47.49 0.66 0.00	49.54 0.73 0.00	54.79 0.86 0.00	56.56 1.00 0.00	70.20 1.31 0.00	82.23 1.61 0.00	85.63 2.33 0.00	88.20 1.90 0.00	72.90 1.08 0.00	57.37 1.01 0.00	52.74 0.83 0.00	48.24 0.81 0.00
ALBANY___4 23574	47.50 0.93 0.00	42.73 0.88 0.00	42.74 0.84 0.00	41.73 0.82 0.00	39.79 0.67 0.00	40.34 0.71 0.00	36.46 0.61 0.00	34.77 0.68 0.00	37.70 0.56 0.00	38.47 0.57 0.00	39.63 0.62 0.00	44.73 0.75 0.00	47.49 0.66 0.00	49.54 0.73 0.00	54.79 0.86 0.00	56.56 1.00 0.00	70.20 1.31 0.00	82.23 1.61 0.00	85.63 2.33 0.00	88.20 1.90 0.00	72.90 1.08 0.00	57.37 1.01 0.00	52.74 0.83 0.00	48.24 0.81 0.00
ALBANY___LFGE 323615	48.02 1.45 0.00	43.15 1.30 0.00	43.20 1.30 0.00	42.14 1.23 0.00	40.22 1.09 0.00	40.73 1.11 0.00	36.82 0.97 0.00	35.11 1.02 0.00	38.03 0.89 0.00	38.77 0.87 0.00	39.94 0.93 0.00	45.13 1.14 0.00	47.86 1.03 0.00	49.98 1.17 0.00	55.32 1.40 0.00	57.11 1.55 0.00	71.03 2.14 0.00	83.44 2.82 0.00	86.64 3.34 0.00	89.32 3.02 0.00	73.83 2.01 0.00	58.05 1.69 0.00	53.36 1.45 0.00	48.76 1.33 0.00
ALCOA_PA_115KV_PL-6C 55860	46.39 -0.19 0.00	41.69 -0.17 0.00	41.69 -0.21 0.00	40.83 -0.08 0.00	39.16 0.04 0.00	39.59 -0.04 0.00	35.81 -0.04 0.00	33.82 -0.27 0.00	37.07 -0.07 0.00	37.71 -0.19 0.00	38.85 -0.16 0.00	43.68 -0.31 0.00	46.60 -0.23 0.00	48.47 -0.34 0.00	53.22 -0.70 0.00	54.73 -0.83 0.00	67.79 -1.10 0.00	79.17 -1.45 0.00	81.55 -1.75 0.00	85.01 -1.29 0.00	71.39 -0.43 0.00	55.85 -0.51 0.00	51.71 -0.21 0.00	47.29 -0.14 0.00
ALCOA_RYNLDS___DRP 24188	46.38 -0.19 0.00	41.69 -0.17 0.00	41.65 -0.25 0.00	40.71 -0.20 0.00	39.16 0.04 0.00	39.55 -0.08 0.00	35.81 -0.04 0.00	33.82 -0.27 0.00	37.07 -0.07 0.00	37.71 -0.19 0.00	38.85 -0.16 0.00	43.68 -0.31 0.00	46.60 -0.23 0.00	48.47 -0.34 0.00	53.28 -0.65 0.00	54.73 -0.83 0.00	67.79 -1.10 0.00	79.41 -1.21 0.00	81.55 -1.75 0.00	85.01 -1.29 0.00	71.39 -0.43 0.00	55.85 -0.51 0.00	51.70 -0.21 0.00	47.29 -0.14 0.00
ALCOA___DSASP 323711	46.38 -0.19 0.00	41.69 -0.17 0.00	41.65 -0.25 0.00	40.71 -0.20 0.00	39.16 0.04 0.00	39.55 -0.08 0.00	35.81 -0.04 0.00	33.82 -0.27 0.00	37.07 -0.07 0.00	37.71 -0.19 0.00	38.85 -0.16 0.00	43.68 -0.31 0.00	46.60 -0.23 0.00	48.47 -0.34 0.00	53.28 -0.65 0.00	54.73 -0.83 0.00	67.79 -1.10 0.00	79.41 -1.21 0.00	81.55 -1.75 0.00	85.01 -1.29 0.00	71.39 -0.43 0.00	55.85 -0.51 0.00	51.70 -0.21 0.00	47.29 -0.14 0.00
ALLEGHENY___COGEN 23514	47.43 -1.07 -1.92	41.49 -1.38 -1.02	40.47 -1.51 -0.08	39.61 -1.39 -0.08	37.91 -1.21 0.00	38.48 -1.19 -0.04	34.74 -1.11 0.00	33.07 -1.06 -0.04	36.97 -1.78 -1.61	35.71 -2.27 -0.08	36.63 -2.73 -0.36	42.88 -2.99 -1.89	46.21 -2.95 -2.32	50.53 -3.17 -4.90	54.58 -2.81 -3.46	56.93 -2.83 -4.20	105.33 -2.83 -39.26	123.94 -1.61 -44.94	124.74 0.08 -41.35	129.39 1.47 -41.62	80.22 1.44 -6.96	61.91 0.85 -4.71	55.32 0.10 -3.30	51.48 -0.33 -4.38
ALTAMONT_115KV_TB 2 55880	47.83 1.26 0.00	43.03 1.17 0.00	42.99 1.09 0.00	41.98 1.06 0.00	40.06 0.94 0.00	40.58 0.95 0.00	36.67 0.82 0.00	34.98 0.89 0.00	37.92 0.78 0.00	38.70 0.80 0.00	39.86 0.86 0.00	45.00 1.01 0.00	47.82 0.98 0.00	49.93 1.12 0.00	55.22 1.29 0.00	56.95 1.39 0.00	70.68 1.79 0.00	82.79 2.18 0.00	86.05 2.75 0.00	88.81 2.50 0.00	73.40 1.58 0.00	57.77 1.41 0.00	53.11 1.19 0.00	48.57 1.14 0.00
ALTONA_WT_PWR 323606	45.92 -0.65 0.00	41.31 -0.55 0.00	41.40 -0.50 0.00	40.55 -0.37 0.00	38.89 -0.23 0.00	39.39 -0.24 0.00	35.71 -0.14 0.00	33.82 -0.27 0.00	37.10 -0.04 0.00	37.75 -0.15 0.00	38.85 -0.16 0.00	43.68 -0.31 0.00	46.60 -0.23 0.00	48.47 -0.34 0.00	53.06 -0.86 0.00	54.34 -1.22 0.00	66.83 -2.06 0.00	78.12 -2.50 0.00	80.55 -2.75 0.00	83.80 -2.51 0.00	70.17 -1.65 0.00	55.06 -1.29 0.00	51.44 -0.47 0.00	47.01 -0.43 0.00
AMERICAN_REF_FUEL 24010	38.55 -5.96 2.06	35.25 -5.57 1.04	36.72 -5.16 0.02	35.90 -4.99 0.02	33.96 -5.17 0.00	34.35 -5.27 0.01	31.22 -4.62 0.00	30.40 -3.68 0.01	32.26 -4.46 0.42	33.18 -4.70 0.02	33.61 -5.07 0.32	36.59 -5.50 1.90	38.47 -5.90 2.46	40.14 -5.37 3.30	45.27 -4.96 3.69	45.26 -5.89 4.41	47.27 -6.68 14.94	54.00 -7.58 19.04	57.82 -7.50 17.99	59.00 -8.29 19.02	57.21 -7.40 7.22	45.49 -6.20 4.67	42.55 -5.87 3.49	39.11 -5.22 3.10
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.32 -4.15 2.11	36.73 -4.06 1.07	37.77 -4.10 0.03	36.92 -3.97 0.03	35.41 -3.72 0.00	35.85 -3.77 0.01	32.73 -3.12 0.00	31.32 -2.76 0.01	33.96 -2.67 0.51	35.22 -2.65 0.03	35.78 -2.89 0.34	38.93 -3.12 1.94	41.08 -3.23 2.52	42.05 -3.27 3.49	46.74 -3.40 3.79	48.10 -2.95 4.52	48.87 -3.17 16.86	59.73 -2.58 18.30	62.03 -2.17 19.11	65.36 -2.51 18.44	61.12 -3.30 7.39	48.65 -2.93 4.78	44.70 -3.64 3.58	40.23 -3.94 3.26
ARTHUR KILL_GT_1 23520	50.17 3.59 -0.01	45.34 3.47 -0.01	44.92 3.02 -0.01	43.74 2.82 0.00	41.59 2.46 0.00	41.77 2.14 0.00	37.96 2.12 0.00	36.75 2.66 0.00	40.04 2.90 0.00	41.05 3.15 0.00	42.59 3.59 0.00	48.22 4.22 -0.02	51.15 4.31 -0.01	53.36 4.54 -0.01	58.89 4.96 -0.01	60.63 5.06 -0.01	74.27 5.37 0.00	86.99 6.37 0.00	90.13 6.83 0.00	92.43 6.13 0.00	75.12 3.30 0.00	59.51 3.16 0.00	55.24 3.32 -0.01	50.76 3.32 -0.01
ARTHUR_KILL_2 23512	49.98 3.40 -0.01	45.17 3.31 -0.01	45.01 3.10 -0.01	43.74 2.82 0.00	41.59 2.47 0.00	41.80 2.18 0.00	38.00 2.15 0.00	36.82 2.73 0.00	40.00 2.86 0.00	40.93 3.03 0.00	42.47 3.47 0.00	48.05 4.04 -0.02	51.01 4.17 -0.01	53.11 4.30 -0.01	58.62 4.69 -0.01	60.35 4.78 -0.01	74.06 5.17 0.00	87.07 6.45 0.00	90.05 6.74 0.00	92.09 5.78 0.00	74.84 3.02 0.00	59.23 2.87 0.00	54.98 3.06 -0.01	50.57 3.13 -0.01
ARTHUR_KILL_3 23513	49.60 3.03 0.00	44.74 2.89 0.00	44.54 2.64 0.00	43.29 2.37 0.00	41.24 2.11 0.00	41.65 2.02 0.00	37.89 2.04 0.00	36.72 2.63 0.00	39.89 2.75 0.00	40.78 2.88 0.00	42.20 3.20 0.00	47.60 3.61 -0.01	50.58 3.75 0.00	52.86 4.05 0.00	58.45 4.53 0.00	60.12 4.56 0.00	73.92 5.03 0.00	86.91 6.29 0.00	89.88 6.58 0.00	92.18 5.87 0.00	75.06 3.23 0.00	58.95 2.59 0.00	54.51 2.59 0.00	50.09 2.65 0.00

ARTHUR_KILL_COGEN 323718	50.17 3.59 -0.01	45.34 3.47 -0.01	45.13 3.23 -0.01	43.90 2.99 0.00	41.75 2.62 0.00	41.92 2.30 0.00	38.11 2.26 0.00	36.95 2.86 0.00	40.15 3.01 0.00	41.05 3.14 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.15 4.31 -0.01	53.31 4.49 -0.01	58.84 4.91 -0.01	60.62 5.06 -0.01	74.33 5.44 0.00	87.47 6.85 0.00	90.47 7.16 0.00	92.52 6.22 0.00	75.13 3.31 0.00	59.46 3.10 0.00	55.19 3.27 -0.01	50.76 3.32 -0.01
ASHOKAN____ 23654	49.51 2.94 0.00	44.37 2.51 0.00	44.24 2.34 0.00	43.12 2.21 0.00	41.12 1.99 0.00	41.53 1.90 0.00	37.50 1.65 0.00	35.73 1.64 0.00	38.51 1.37 0.00	39.15 1.25 0.00	40.33 1.33 0.00	45.57 1.58 0.00	48.57 1.73 0.00	50.95 2.15 0.00	56.56 2.64 0.00	58.56 3.00 0.00	72.89 3.99 0.00	86.58 5.97 0.00	90.47 7.16 0.00	93.29 6.99 0.00	76.42 4.60 0.00	59.85 3.50 0.00	55.08 3.17 0.00	50.33 2.89 0.00
ASTORIA_EAST_ENERGY_CC1 323581	49.79 3.21 -0.01	45.04 3.18 -0.01	44.79 2.89 0.00	43.54 2.62 0.00	41.39 2.27 0.00	41.57 1.94 0.00	37.88 2.04 0.01	36.85 2.76 0.00	39.81 2.68 0.01	40.71 2.80 0.00	42.24 3.24 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	52.92 4.10 -0.01	58.51 4.58 -0.01	60.34 4.78 0.00	74.13 5.23 0.00	87.14 6.53 0.00	89.72 6.41 0.00	91.65 5.35 0.01	74.61 2.80 0.01	58.78 2.42 0.00	54.71 2.80 0.00	50.33 2.89 0.00
ASTORIA_EAST_ENERGY_CC2 323582	49.79 3.21 -0.01	45.04 3.18 -0.01	44.79 2.89 0.00	43.54 2.62 0.00	41.39 2.27 0.00	41.57 1.94 0.00	37.88 2.04 0.01	36.85 2.76 0.00	39.81 2.68 0.01	40.71 2.80 0.00	42.24 3.24 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	52.92 4.10 -0.01	58.51 4.58 -0.01	60.34 4.78 0.00	74.13 5.23 0.00	87.14 6.53 0.00	89.72 6.41 0.00	91.65 5.35 0.01	74.61 2.80 0.01	58.78 2.42 0.00	54.71 2.80 0.00	50.33 2.89 0.00
ASTORIA_GT2_1 24094	49.84 3.26 -0.01	45.04 3.18 -0.01	44.62 2.72 0.00	43.41 2.50 0.00	41.28 2.15 0.00	41.41 1.78 0.00	37.68 1.83 0.00	36.58 2.49 0.00	39.74 2.60 0.00	40.71 2.80 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	53.02 4.20 -0.01	58.57 4.64 -0.01	60.45 4.89 0.00	74.13 5.24 0.00	86.83 6.21 0.00	89.72 6.41 0.00	91.83 5.52 0.00	74.62 2.80 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.37 2.94 0.00
ASTORIA_GT2_2 24095	49.84 3.26 -0.01	45.04 3.18 -0.01	44.62 2.72 0.00	43.41 2.50 0.00	41.28 2.15 0.00	41.41 1.78 0.00	37.68 1.83 0.00	36.58 2.49 0.00	39.74 2.60 0.00	40.71 2.80 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	53.02 4.20 -0.01	58.57 4.64 -0.01	60.45 4.89 0.00	74.13 5.24 0.00	86.83 6.21 0.00	89.72 6.41 0.00	91.83 5.52 0.00	74.62 2.80 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.37 2.94 0.00
ASTORIA_GT2_3 24096	49.84 3.26 -0.01	45.04 3.18 -0.01	44.62 2.72 0.00	43.41 2.50 0.00	41.28 2.15 0.00	41.41 1.78 0.00	37.68 1.83 0.00	36.58 2.49 0.00	39.74 2.60 0.00	40.71 2.80 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	53.02 4.20 -0.01	58.57 4.64 -0.01	60.45 4.89 0.00	74.13 5.24 0.00	86.83 6.21 0.00	89.72 6.41 0.00	91.83 5.52 0.00	74.62 2.80 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.37 2.94 0.00
ASTORIA_GT2_4 24097	49.84 3.26 -0.01	45.04 3.18 -0.01	44.62 2.72 0.00	43.41 2.50 0.00	41.28 2.15 0.00	41.41 1.78 0.00	37.68 1.83 0.00	36.58 2.49 0.00	39.74 2.60 0.00	40.71 2.80 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	53.02 4.20 -0.01	58.57 4.64 -0.01	60.45 4.89 0.00	74.13 5.24 0.00	86.83 6.21 0.00	89.72 6.41 0.00	91.83 5.52 0.00	74.62 2.80 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.37 2.94 0.00
ASTORIA_GT3_1 24098	49.84 3.26 -0.01	45.04 3.18 -0.01	44.62 2.72 0.00	43.41 2.50 0.00	41.28 2.15 0.00	41.41 1.78 0.00	37.68 1.83 0.00	36.58 2.49 0.00	39.74 2.60 0.00	40.71 2.80 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	53.02 4.20 -0.01	58.57 4.64 -0.01	60.45 4.89 0.00	74.13 5.24 0.00	86.83 6.21 0.00	89.72 6.41 0.00	91.83 5.52 0.00	74.62 2.80 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.37 2.94 0.00
ASTORIA_GT3_2 24099	49.84 3.26 -0.01	45.04 3.18 -0.01	44.62 2.72 0.00	43.41 2.50 0.00	41.28 2.15 0.00	41.41 1.78 0.00	37.68 1.83 0.00	36.58 2.49 0.00	39.74 2.60 0.00	40.71 2.80 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	53.02 4.20 -0.01	58.57 4.64 -0.01	60.45 4.89 0.00	74.13 5.24 0.00	86.83 6.21 0.00	89.72 6.41 0.00	91.83 5.52 0.00	74.62 2.80 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.37 2.94 0.00
ASTORIA_GT3_3 24100	49.84 3.26 -0.01	45.04 3.18 -0.01	44.62 2.72 0.00	43.41 2.50 0.00	41.28 2.15 0.00	41.41 1.78 0.00	37.68 1.83 0.00	36.58 2.49 0.00	39.74 2.60 0.00	40.71 2.80 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	53.02 4.20 -0.01	58.57 4.64 -0.01	60.45 4.89 0.00	74.13 5.24 0.00	86.83 6.21 0.00	89.72 6.41 0.00	91.83 5.52 0.00	74.62 2.80 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.37 2.94 0.00
ASTORIA_GT3_4 24101	49.84 3.26 -0.01	45.04 3.18 -0.01	44.62 2.72 0.00	43.41 2.50 0.00	41.28 2.15 0.00	41.41 1.78 0.00	37.68 1.83 0.00	36.58 2.49 0.00	39.74 2.60 0.00	40.71 2.80 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	53.02 4.20 -0.01	58.57 4.64 -0.01	60.45 4.89 0.00	74.13 5.24 0.00	86.83 6.21 0.00	89.72 6.41 0.00	91.83 5.52 0.00	74.62 2.80 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.37 2.94 0.00
ASTORIA_GT4_1 24102	49.84 3.26 -0.01	45.04 3.18 -0.01	44.62 2.72 0.00	43.41 2.50 0.00	41.28 2.15 0.00	41.41 1.78 0.00	37.68 1.83 0.00	36.58 2.49 0.00	39.74 2.60 0.00	40.71 2.80 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	53.02 4.20 -0.01	58.57 4.64 -0.01	60.45 4.89 0.00	74.13 5.24 0.00	86.83 6.21 0.00	89.72 6.41 0.00	91.83 5.52 0.00	74.62 2.80 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.37 2.94 0.00
ASTORIA_GT4_2 24103	49.84 3.26 -0.01	45.04 3.18 -0.01	44.62 2.72 0.00	43.41 2.50 0.00	41.28 2.15 0.00	41.41 1.78 0.00	37.68 1.83 0.00	36.58 2.49 0.00	39.74 2.60 0.00	40.71 2.80 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	53.02 4.20 -0.01	58.57 4.64 -0.01	60.45 4.89 0.00	74.13 5.24 0.00	86.83 6.21 0.00	89.72 6.41 0.00	91.83 5.52 0.00	74.62 2.80 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.37 2.94 0.00
ASTORIA_GT4_3 24104	49.84 3.26 -0.01	45.04 3.18 -0.01	44.62 2.72 0.00	43.41 2.50 0.00	41.28 2.15 0.00	41.41 1.78 0.00	37.68 1.83 0.00	36.58 2.49 0.00	39.74 2.60 0.00	40.71 2.80 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	53.02 4.20 -0.01	58.57 4.64 -0.01	60.45 4.89 0.00	74.13 5.24 0.00	86.83 6.21 0.00	89.72 6.41 0.00	91.83 5.52 0.00	74.62 2.80 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.37 2.94 0.00

ASTORIA_GT4_4 24105	49.84 3.26 -0.01	45.04 3.18 -0.01	44.62 2.72 0.00	43.41 2.50 0.00	41.28 2.15 0.00	41.41 1.78 0.00	37.68 1.83 0.00	36.58 2.49 0.00	39.74 2.60 0.00	40.71 2.80 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	53.02 4.20 -0.01	58.57 4.64 -0.01	60.45 4.89 0.00	74.13 5.24 0.00	86.83 6.21 0.00	89.72 6.41 0.00	91.83 5.52 0.00	74.62 2.80 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.37 2.94 0.00
ASTORIA_GT_1 23523	49.93 3.35 -0.01	45.13 3.26 -0.01	44.71 2.81 0.00	43.49 2.58 0.00	41.31 2.19 0.00	41.49 1.86 0.00	37.75 1.90 0.00	36.65 2.56 0.00	39.81 2.67 0.00	40.82 2.92 0.00	42.36 3.35 0.00	47.91 3.91 -0.01	50.87 4.03 -0.01	53.11 4.30 -0.01	58.68 4.75 -0.01	60.62 5.06 0.00	74.34 5.44 0.00	87.07 6.45 0.00	89.97 6.66 0.00	92.09 5.78 0.00	74.84 3.02 0.00	59.18 2.82 0.00	54.87 2.96 0.00	50.47 3.04 0.00
ASTORIA_GT_10 24110	49.84 3.26 -0.01	45.00 3.14 -0.01	44.58 2.68 0.00	43.41 2.50 0.00	41.31 2.19 0.00	41.57 1.94 0.00	37.86 2.01 0.00	36.68 2.59 0.00	39.89 2.75 0.00	40.90 2.99 0.00	42.36 3.35 0.00	47.87 3.87 -0.01	50.82 3.98 -0.01	53.11 4.30 -0.01	58.68 4.75 -0.01	60.39 4.83 0.00	74.06 5.17 0.00	86.66 6.05 0.00	89.80 6.50 0.00	92.09 5.78 0.00	74.91 3.09 0.00	59.12 2.76 0.00	54.77 2.86 0.00	50.33 2.89 0.00
ASTORIA_GT_11 24225	49.84 3.26 -0.01	45.00 3.14 -0.01	44.58 2.68 0.00	43.41 2.50 0.00	41.31 2.19 0.00	41.57 1.94 0.00	37.86 2.01 0.00	36.68 2.59 0.00	39.89 2.75 0.00	40.90 2.99 0.00	42.36 3.35 0.00	47.87 3.87 -0.01	50.82 3.98 -0.01	53.11 4.30 -0.01	58.68 4.75 -0.01	60.39 4.83 0.00	74.06 5.17 0.00	86.66 6.05 0.00	89.80 6.50 0.00	92.09 5.78 0.00	74.91 3.09 0.00	59.12 2.76 0.00	54.77 2.86 0.00	50.33 2.89 0.00
ASTORIA_GT_12 24226	49.84 3.26 -0.01	45.00 3.14 -0.01	44.58 2.68 0.00	43.41 2.50 0.00	41.31 2.19 0.00	41.57 1.94 0.00	37.86 2.01 0.00	36.68 2.59 0.00	39.89 2.75 0.00	40.90 2.99 0.00	42.36 3.35 0.00	47.87 3.87 -0.01	50.82 3.98 -0.01	53.11 4.30 -0.01	58.68 4.75 -0.01	60.39 4.83 0.00	74.06 5.17 0.00	86.66 6.05 0.00	89.80 6.50 0.00	92.09 5.78 0.00	74.91 3.09 0.00	59.12 2.76 0.00	54.77 2.86 0.00	50.33 2.89 0.00
ASTORIA_GT_13 24227	49.84 3.26 -0.01	45.00 3.14 -0.01	44.58 2.68 0.00	43.41 2.50 0.00	41.31 2.19 0.00	41.57 1.94 0.00	37.86 2.01 0.00	36.68 2.59 0.00	39.89 2.75 0.00	40.90 2.99 0.00	42.36 3.35 0.00	47.87 3.87 -0.01	50.82 3.98 -0.01	53.11 4.30 -0.01	58.68 4.75 -0.01	60.39 4.83 0.00	74.06 5.17 0.00	86.66 6.05 0.00	89.80 6.50 0.00	92.09 5.78 0.00	74.91 3.09 0.00	59.12 2.76 0.00	54.77 2.86 0.00	50.33 2.89 0.00
ASTORIA_GT_5 24106	49.93 3.35 -0.01	45.13 3.26 -0.01	44.71 2.81 0.00	43.49 2.58 0.00	41.31 2.19 0.00	41.49 1.86 0.00	37.75 1.90 0.00	36.65 2.56 0.00	39.81 2.67 0.00	40.82 2.92 0.00	42.36 3.35 0.00	47.91 3.91 -0.01	50.87 4.03 -0.01	53.11 4.30 -0.01	58.68 4.75 -0.01	60.62 5.06 0.00	74.34 5.44 0.00	87.07 6.45 0.00	89.97 6.66 0.00	92.09 5.78 0.00	74.84 3.02 0.00	59.18 2.82 0.00	54.87 2.96 0.00	50.47 3.04 0.00
ASTORIA_GT_7 24107	49.93 3.35 -0.01	45.13 3.26 -0.01	44.71 2.81 0.00	43.49 2.58 0.00	41.31 2.19 0.00	41.49 1.86 0.00	37.75 1.90 0.00	36.65 2.56 0.00	39.81 2.67 0.00	40.82 2.92 0.00	42.36 3.35 0.00	47.91 3.91 -0.01	50.87 4.03 -0.01	53.11 4.30 -0.01	58.68 4.75 -0.01	60.62 5.06 0.00	74.34 5.44 0.00	87.07 6.45 0.00	89.97 6.66 0.00	92.09 5.78 0.00	74.84 3.02 0.00	59.18 2.82 0.00	54.87 2.96 0.00	50.47 3.04 0.00
ASTORIA_GT_8 24108	49.93 3.35 -0.01	45.13 3.26 -0.01	44.71 2.81 0.00	43.49 2.58 0.00	41.31 2.19 0.00	41.49 1.86 0.00	37.75 1.90 0.00	36.65 2.56 0.00	39.81 2.67 0.00	40.82 2.92 0.00	42.36 3.35 0.00	47.91 3.91 -0.01	50.87 4.03 -0.01	53.11 4.30 -0.01	58.68 4.75 -0.01	60.62 5.06 0.00	74.34 5.44 0.00	87.07 6.45 0.00	89.97 6.66 0.00	92.09 5.78 0.00	74.84 3.02 0.00	59.18 2.82 0.00	54.87 2.96 0.00	50.47 3.04 0.00
ASTORIA___2 24149	49.84 3.26 -0.01	45.04 3.18 -0.01	44.79 2.89 0.00	43.57 2.66 0.00	41.43 2.31 0.00	41.61 1.98 0.00	37.92 2.08 0.01	36.85 2.76 0.00	39.81 2.68 0.01	40.75 2.84 0.00	42.28 3.28 0.00	47.82 3.82 -0.01	50.82 3.98 -0.01	52.96 4.15 -0.01	58.51 4.58 -0.01	60.34 4.78 0.00	74.13 5.23 0.00	87.23 6.61 0.00	89.80 6.50 0.00	91.74 5.44 0.01	74.61 2.80 0.01	58.84 2.48 0.00	54.71 2.80 0.00	50.38 2.94 0.00
ASTORIA___3 23516	49.84 3.26 -0.01	45.00 3.14 -0.01	44.79 2.89 0.00	43.54 2.62 0.00	41.47 2.35 0.00	41.76 2.14 0.00	38.00 2.15 0.00	36.85 2.76 0.00	40.00 2.86 0.00	40.89 2.99 0.00	42.36 3.35 0.00	47.82 3.82 -0.01	50.82 3.98 -0.01	53.06 4.24 -0.01	58.62 4.69 -0.01	60.34 4.78 0.00	74.06 5.17 0.00	87.07 6.45 0.00	89.88 6.58 0.00	91.91 5.61 0.00	74.84 3.02 0.00	59.06 2.71 0.00	54.71 2.80 0.00	50.33 2.89 0.00
ASTORIA___4 23517	49.84 3.26 -0.01	45.00 3.14 -0.01	44.58 2.68 0.00	43.41 2.50 0.00	41.28 2.15 0.00	41.57 1.94 0.00	37.86 2.01 0.00	36.68 2.59 0.00	39.89 2.75 0.00	40.90 2.99 0.00	42.36 3.35 0.00	47.87 3.87 -0.01	50.82 3.98 -0.01	53.11 4.30 -0.01	58.68 4.75 -0.01	60.39 4.83 0.00	74.06 5.17 0.00	86.66 6.05 0.00	89.80 6.50 0.00	92.09 5.78 0.00	74.91 3.09 0.00	59.12 2.76 0.00	54.77 2.86 0.00	50.33 2.89 0.00
ASTORIA___5 23518	49.84 3.26 -0.01	45.00 3.14 -0.01	44.79 2.89 0.00	43.54 2.62 0.00	41.47 2.35 0.00	41.76 2.14 0.00	38.00 2.15 0.00	36.85 2.76 0.00	40.00 2.86 0.00	40.89 2.99 0.00	42.36 3.35 0.00	47.82 3.82 -0.01	50.82 3.98 -0.01	53.06 4.24 -0.01	58.62 4.69 -0.01	60.34 4.78 0.00	74.06 5.17 0.00	87.07 6.45 0.00	89.88 6.58 0.00	91.91 5.61 0.00	74.84 3.02 0.00	59.06 2.71 0.00	54.71 2.80 0.00	50.33 2.89 0.00
AST_ENERGY_2_CC3 323677	49.64 3.07 0.00	44.83 2.97 0.00	44.66 2.76 0.00	43.41 2.50 0.00	41.35 2.23 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.75 2.66 0.00	39.93 2.79 0.00	40.82 2.92 0.00	42.24 3.24 0.00	47.69 3.70 -0.01	50.63 3.79 0.00	52.91 4.10 0.00	58.45 4.53 0.00	60.17 4.61 0.00	73.99 5.10 0.00	87.07 6.45 0.00	90.05 6.74 0.00	92.25 5.95 0.00	75.13 3.31 0.00	59.06 2.71 0.00	54.61 2.70 0.00	50.18 2.75 0.00
AST_ENERGY_2_CC4 323678	49.64 3.07 0.00	44.83 2.97 0.00	44.66 2.76 0.00	43.41 2.50 0.00	41.35 2.23 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.75 2.66 0.00	39.93 2.79 0.00	40.82 2.92 0.00	42.24 3.24 0.00	47.69 3.70 -0.01	50.63 3.79 0.00	52.91 4.10 0.00	58.45 4.53 0.00	60.17 4.61 0.00	73.99 5.10 0.00	87.07 6.45 0.00	90.05 6.74 0.00	92.25 5.95 0.00	75.13 3.31 0.00	59.06 2.71 0.00	54.61 2.70 0.00	50.18 2.75 0.00

ATHENS_STG_1 23668	48.06 1.49 0.00	43.28 1.42 0.00	43.28 1.38 0.00	42.23 1.31 0.00	40.30 1.17 0.00	40.81 1.19 0.00	36.89 1.04 0.00	35.35 1.26 0.00	38.36 1.22 0.00	39.15 1.25 0.00	40.45 1.44 0.00	45.62 1.63 0.00	48.52 1.68 0.00	50.66 1.85 0.00	55.97 2.05 0.00	57.67 2.11 0.00	71.37 2.48 0.00	83.76 3.14 0.00	86.72 3.42 0.00	89.32 3.02 0.00	73.47 1.65 0.00	57.77 1.41 0.00	53.26 1.35 0.00	48.76 1.33 0.00
ATHENS_STG_2 23670	48.06 1.49 0.00	43.28 1.42 0.00	43.28 1.38 0.00	42.23 1.31 0.00	40.30 1.17 0.00	40.81 1.19 0.00	36.89 1.04 0.00	35.35 1.26 0.00	38.36 1.22 0.00	39.15 1.25 0.00	40.45 1.44 0.00	45.62 1.63 0.00	48.52 1.68 0.00	50.66 1.85 0.00	55.97 2.05 0.00	57.67 2.11 0.00	71.37 2.48 0.00	83.76 3.14 0.00	86.72 3.42 0.00	89.32 3.02 0.00	73.47 1.65 0.00	57.77 1.41 0.00	53.26 1.35 0.00	48.76 1.33 0.00
ATHENS_STG_3 23677	48.06 1.49 0.00	43.28 1.42 0.00	43.28 1.38 0.00	42.23 1.31 0.00	40.30 1.17 0.00	40.81 1.19 0.00	36.89 1.04 0.00	35.35 1.26 0.00	38.36 1.22 0.00	39.15 1.25 0.00	40.45 1.44 0.00	45.62 1.63 0.00	48.52 1.68 0.00	50.66 1.85 0.00	55.97 2.05 0.00	57.67 2.11 0.00	71.37 2.48 0.00	83.76 3.14 0.00	86.72 3.42 0.00	89.32 3.02 0.00	73.47 1.65 0.00	57.77 1.41 0.00	53.26 1.35 0.00	48.76 1.33 0.00
AUBURN___LFGE 323710	46.31 -0.47 -0.20	41.33 -0.63 -0.11	41.40 -0.50 -0.01	40.47 -0.45 -0.01	38.69 -0.43 0.00	39.19 -0.44 0.00	35.42 -0.43 0.00	33.79 -0.31 0.00	36.66 -0.59 -0.11	37.22 -0.68 -0.01	38.26 -0.78 -0.04	43.39 -0.79 -0.19	46.33 -0.75 -0.24	48.46 -0.78 -0.43	53.53 -0.75 -0.37	55.45 -0.56 -0.44	71.49 -0.34 -2.94	84.18 0.16 -3.40	87.15 0.67 -3.19	90.30 0.78 -3.22	72.98 0.43 -0.73	57.07 0.23 -0.48	52.16 -0.10 -0.35	47.59 -0.24 -0.39
BABYLON_RES_REC 323704	54.86 4.28 -4.01	45.85 3.98 -0.02	45.21 3.31 0.00	43.70 2.78 0.00	41.63 2.51 0.00	41.96 2.34 0.00	38.11 2.26 0.00	37.02 2.93 0.00	40.78 3.60 -0.04	52.18 3.68 -10.60	52.76 3.71 -10.05	54.05 4.18 -5.89	62.06 4.31 -10.92	64.51 4.54 -11.16	106.46 5.18 -47.36	98.62 5.33 -37.72	115.78 6.33 -40.55	103.13 7.91 -14.61	92.01 8.33 -0.38	93.29 6.99 0.00	74.76 2.95 0.01	58.83 2.48 0.01	54.09 2.18 0.01	50.66 3.23 0.00
BALL_HILL_WT_PWR 323825	40.13 -4.24 2.20	36.64 -4.10 1.12	37.77 -4.10 0.03	36.92 -3.97 0.03	35.37 -3.76 0.00	35.77 -3.84 0.01	32.48 -3.37 0.00	31.21 -2.86 0.01	33.66 -2.93 0.55	34.96 -2.92 0.03	35.49 -3.16 0.35	38.57 -3.39 2.03	40.54 -3.65 2.64	41.48 -3.66 3.67	46.19 -3.78 3.96	47.39 -3.44 4.73	47.09 -3.86 17.95	57.33 -3.63 19.66	59.63 -3.33 20.33	62.86 -3.71 19.73	59.92 -4.17 7.73	48.04 -3.33 5.00	44.54 -3.64 3.74	40.44 -3.56 3.43
BARON_WINDS___WT_PWR 323822	39.56 -2.00 5.01	37.22 -2.05 2.58	39.77 -2.01 0.12	38.84 -1.96 0.12	37.32 -1.80 0.00	37.75 -1.82 0.05	34.16 -1.68 0.00	32.54 -1.50 0.05	33.09 -1.71 2.34	35.97 -1.82 0.12	36.17 -1.99 0.85	37.14 -2.11 4.73	38.66 -2.15 6.02	36.65 -2.15 10.01	42.69 -2.21 9.02	42.83 -1.89 10.84	3.02 -1.93 63.95	5.37 -1.37 73.88	12.58 -0.75 69.97	15.29 -0.51 70.50	53.06 -0.94 17.83	43.83 -0.79 11.74	42.12 -1.25 8.55	36.90 -1.38 9.16
BARRETT_IC_1 23704	54.12 3.54 -4.01	45.30 3.43 -0.02	44.75 2.85 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.61 1.98 0.00	37.78 1.93 0.00	36.65 2.56 0.00	40.30 3.12 -0.04	51.68 3.18 -10.60	52.41 3.35 -10.05	53.60 3.74 -5.87	61.48 3.93 -10.71	64.03 4.20 -11.02	104.49 4.69 -45.88	98.06 4.78 -37.72	114.12 5.17 -40.06	101.67 6.45 -14.60	90.76 7.08 -0.38	92.18 5.87 0.00	74.26 2.44 0.01	58.32 1.97 0.01	53.83 1.92 0.01	50.24 2.80 -0.01
BARRETT_IC_10 23701	54.12 3.54 -4.01	45.30 3.43 -0.02	44.75 2.85 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.61 1.98 0.00	37.78 1.93 0.00	36.65 2.56 0.00	40.30 3.12 -0.04	51.68 3.18 -10.60	52.41 3.35 -10.05	53.60 3.74 -5.87	61.48 3.93 -10.71	64.03 4.20 -11.02	104.49 4.69 -45.88	98.06 4.78 -37.72	114.12 5.17 -40.06	101.67 6.45 -14.60	90.76 7.08 -0.38	92.18 5.87 0.00	74.26 2.44 0.01	58.32 1.97 0.01	53.83 1.92 0.01	50.24 2.80 -0.01
BARRETT_IC_11 23702	54.12 3.54 -4.01	45.30 3.43 -0.02	44.75 2.85 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.61 1.98 0.00	37.78 1.93 0.00	36.65 2.56 0.00	40.30 3.12 -0.04	51.68 3.18 -10.60	52.41 3.35 -10.05	53.60 3.74 -5.87	61.48 3.93 -10.71	64.03 4.20 -11.02	104.49 4.69 -45.88	98.06 4.78 -37.72	114.12 5.17 -40.06	101.67 6.45 -14.60	90.76 7.08 -0.38	92.18 5.87 0.00	74.26 2.44 0.01	58.32 1.97 0.01	53.83 1.92 0.01	50.24 2.80 -0.01
BARRETT_IC_12 23703	54.12 3.54 -4.01	45.30 3.43 -0.02	44.75 2.85 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.61 1.98 0.00	37.78 1.93 0.00	36.65 2.56 0.00	40.30 3.12 -0.04	51.68 3.18 -10.60	52.41 3.35 -10.05	53.60 3.74 -5.87	61.48 3.93 -10.71	64.03 4.20 -11.02	104.49 4.69 -45.88	98.06 4.78 -37.72	114.12 5.17 -40.06	101.67 6.45 -14.60	90.76 7.08 -0.38	92.18 5.87 0.00	74.26 2.44 0.01	58.32 1.97 0.01	53.83 1.92 0.01	50.24 2.80 -0.01
BARRETT_IC_2 23705	54.12 3.54 -4.01	45.30 3.43 -0.02	44.75 2.85 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.61 1.98 0.00	37.78 1.93 0.00	36.65 2.56 0.00	40.30 3.12 -0.04	51.68 3.18 -10.60	52.41 3.35 -10.05	53.60 3.74 -5.87	61.48 3.93 -10.71	64.03 4.20 -11.02	104.49 4.69 -45.88	98.06 4.78 -37.72	114.12 5.17 -40.06	101.67 6.45 -14.60	90.76 7.08 -0.38	92.18 5.87 0.00	74.26 2.44 0.01	58.32 1.97 0.01	53.83 1.92 0.01	50.24 2.80 -0.01
BARRETT_IC_3 23706	54.12 3.54 -4.01	45.30 3.43 -0.02	44.75 2.85 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.61 1.98 0.00	37.78 1.93 0.00	36.65 2.56 0.00	40.30 3.12 -0.04	51.68 3.18 -10.60	52.41 3.35 -10.05	53.60 3.74 -5.87	61.48 3.93 -10.71	64.03 4.20 -11.02	104.49 4.69 -45.88	98.06 4.78 -37.72	114.12 5.17 -40.06	101.67 6.45 -14.60	90.76 7.08 -0.38	92.18 5.87 0.00	74.26 2.44 0.01	58.32 1.97 0.01	53.83 1.92 0.01	50.24 2.80 -0.01
BARRETT_IC_4 23707	54.12 3.54 -4.01	45.30 3.43 -0.02	44.75 2.85 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.61 1.98 0.00	37.78 1.93 0.00	36.65 2.56 0.00	40.30 3.12 -0.04	51.68 3.18 -10.60	52.41 3.35 -10.05	53.60 3.74 -5.87	61.48 3.93 -10.71	64.03 4.20 -11.02	104.49 4.69 -45.88	98.06 4.78 -37.72	114.12 5.17 -40.06	101.67 6.45 -14.60	90.76 7.08 -0.38	92.18 5.87 0.00	74.26 2.44 0.01	58.32 1.97 0.01	53.83 1.92 0.01	50.24 2.80 -0.01
BARRETT_IC_5 23708	54.12 3.54 -4.01	45.30 3.43 -0.02	44.75 2.85 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.61 1.98 0.00	37.78 1.93 0.00	36.65 2.56 0.00	40.30 3.12 -0.04	51.68 3.18 -10.60	52.41 3.35 -10.05	53.60 3.74 -5.87	61.48 3.93 -10.71	64.03 4.20 -11.02	104.49 4.69 -45.88	98.06 4.78 -37.72	114.12 5.17 -40.06	101.67 6.45 -14.60	90.76 7.08 -0.38	92.18 5.87 0.00	74.26 2.44 0.01	58.32 1.97 0.01	53.83 1.92 0.01	50.24 2.80 -0.01

BARRETT_IC_6 23709	54.12 3.54 -4.01	45.30 3.43 -0.02	44.75 2.85 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.61 1.98 0.00	37.78 1.93 0.00	36.65 2.56 0.00	40.30 3.12 -0.04	51.68 3.18 -10.60	52.41 3.35 -10.05	53.60 3.74 -5.87	61.48 3.93 -10.71	64.03 4.20 -11.02	104.49 4.69 -45.88	98.06 4.78 -37.72	114.12 5.17 -40.06	101.67 6.45 -14.60	90.76 7.08 -0.38	92.18 5.87 0.00	74.26 2.44 0.01	58.32 1.97 0.01	53.83 1.92 0.01	50.24 2.80 -0.01
BARRETT_IC_7 23710	54.12 3.54 -4.01	45.30 3.43 -0.02	44.54 2.64 0.00	43.21 2.29 0.00	41.04 1.92 0.00	41.29 1.66 0.00	37.57 1.72 0.00	36.51 2.42 0.00	40.22 3.05 -0.04	51.68 3.18 -10.60	52.41 3.35 -10.05	53.64 3.78 -5.87	61.48 3.93 -10.71	64.08 4.25 -11.02	104.55 4.75 -45.88	98.06 4.78 -37.72	114.13 5.17 -40.07	101.44 6.21 -14.61	90.93 7.25 -0.38	92.52 6.21 0.00	74.26 2.44 0.01	58.32 1.97 0.01	53.88 1.97 0.01	50.23 2.80 0.00
BARRETT_IC_8 23711	54.12 3.54 -4.01	45.30 3.43 -0.02	44.75 2.85 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.61 1.98 0.00	37.78 1.93 0.00	36.65 2.56 0.00	40.30 3.12 -0.04	51.68 3.18 -10.60	52.41 3.35 -10.05	53.60 3.74 -5.87	61.48 3.93 -10.71	64.03 4.20 -11.02	104.49 4.69 -45.88	98.06 4.78 -37.72	114.12 5.17 -40.06	101.67 6.45 -14.60	90.76 7.08 -0.38	92.18 5.87 0.00	74.26 2.44 0.01	58.32 1.97 0.01	53.83 1.92 0.01	50.24 2.80 -0.01
BARRETT_IC_9 23700	54.12 3.54 -4.01	45.30 3.43 -0.02	44.75 2.85 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.61 1.98 0.00	37.78 1.93 0.00	36.65 2.56 0.00	40.30 3.12 -0.04	51.68 3.18 -10.60	52.41 3.35 -10.05	53.60 3.74 -5.87	61.48 3.93 -10.71	64.03 4.20 -11.02	104.49 4.69 -45.88	98.06 4.78 -37.72	114.12 5.17 -40.06	101.67 6.45 -14.60	90.76 7.08 -0.38	92.18 5.87 0.00	74.26 2.44 0.01	58.32 1.97 0.01	53.83 1.92 0.01	50.24 2.80 -0.01
BARRETT___1 23545	54.12 3.54 -4.01	45.30 3.43 -0.02	44.75 2.85 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.61 1.98 0.00	37.78 1.93 0.00	36.65 2.56 0.00	40.30 3.12 -0.04	51.68 3.18 -10.60	52.41 3.35 -10.05	53.60 3.74 -5.87	61.48 3.93 -10.71	64.03 4.20 -11.02	104.49 4.69 -45.88	98.06 4.78 -37.72	114.12 5.17 -40.06	101.67 6.45 -14.60	90.76 7.08 -0.38	92.18 5.87 0.00	74.26 2.44 0.01	58.32 1.97 0.01	53.83 1.92 0.01	50.24 2.80 -0.01
BARRETT___2 23546	54.12 3.54 -4.01	45.30 3.43 -0.02	44.75 2.85 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.61 1.98 0.00	37.78 1.93 0.00	36.65 2.56 0.00	40.30 3.12 -0.04	51.68 3.18 -10.60	52.41 3.35 -10.05	53.60 3.74 -5.87	61.48 3.93 -10.71	64.03 4.20 -11.02	104.49 4.69 -45.88	98.06 4.78 -37.72	114.12 5.17 -40.06	101.67 6.45 -14.60	90.76 7.08 -0.38	92.18 5.87 0.00	74.26 2.44 0.01	58.32 1.97 0.01	53.83 1.92 0.01	50.24 2.80 -0.01
BATAVIA___115KV_TB1 55881	40.81 -3.87 1.90	37.01 -3.89 0.96	38.28 -3.60 0.02	37.42 -3.48 0.02	35.60 -3.52 0.00	36.37 -3.25 0.01	33.05 -2.80 0.00	31.66 -2.42 0.01	33.75 -3.08 0.31	34.44 -3.45 0.02	35.20 -3.51 0.30	38.29 -3.96 1.74	40.63 -3.93 2.27	41.66 -4.20 2.95	46.74 -3.77 3.41	47.54 -3.94 4.07	52.30 -4.20 12.39	61.34 -4.11 15.16	64.72 -3.58 15.00	67.06 -3.80 15.45	61.64 -3.52 6.66	48.85 -3.21 4.29	45.42 -3.27 3.22	41.52 -3.13 2.78
BAYONEEC___CTG1 323682	49.69 3.12 0.00	44.87 3.02 0.00	44.66 2.76 0.00	43.41 2.50 0.00	41.35 2.23 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.78 2.69 0.00	39.96 2.82 0.00	40.86 2.96 0.00	42.28 3.28 0.00	47.73 3.74 -0.01	50.72 3.89 0.00	52.96 4.15 0.00	58.56 4.64 0.00	60.28 4.72 0.00	74.06 5.17 0.00	87.14 6.53 0.00	90.13 6.83 0.00	92.34 6.04 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.23 2.80 0.00
BAYONEEC___CTG10 323750	49.69 3.12 0.00	44.87 3.02 0.00	44.66 2.76 0.00	43.41 2.50 0.00	41.35 2.23 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.78 2.69 0.00	39.96 2.82 0.00	40.86 2.96 0.00	42.28 3.28 0.00	47.73 3.74 -0.01	50.72 3.89 0.00	52.96 4.15 0.00	58.56 4.64 0.00	60.28 4.72 0.00	74.06 5.17 0.00	87.14 6.53 0.00	90.13 6.83 0.00	92.34 6.04 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.23 2.80 0.00
BAYONEEC___CTG2 323683	49.69 3.12 0.00	44.87 3.02 0.00	44.66 2.76 0.00	43.41 2.50 0.00	41.35 2.23 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.78 2.69 0.00	39.96 2.82 0.00	40.86 2.96 0.00	42.28 3.28 0.00	47.73 3.74 -0.01	50.72 3.89 0.00	52.96 4.15 0.00	58.56 4.64 0.00	60.28 4.72 0.00	74.06 5.17 0.00	87.14 6.53 0.00	90.13 6.83 0.00	92.34 6.04 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.23 2.80 0.00
BAYONEEC___CTG3 323684	49.69 3.12 0.00	44.87 3.02 0.00	44.66 2.76 0.00	43.41 2.50 0.00	41.35 2.23 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.78 2.69 0.00	39.96 2.82 0.00	40.86 2.96 0.00	42.28 3.28 0.00	47.73 3.74 -0.01	50.72 3.89 0.00	52.96 4.15 0.00	58.56 4.64 0.00	60.28 4.72 0.00	74.06 5.17 0.00	87.14 6.53 0.00	90.13 6.83 0.00	92.34 6.04 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.23 2.80 0.00
BAYONEEC___CTG4 323685	49.69 3.12 0.00	44.87 3.02 0.00	44.66 2.76 0.00	43.41 2.50 0.00	41.35 2.23 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.78 2.69 0.00	39.96 2.82 0.00	40.86 2.96 0.00	42.28 3.28 0.00	47.73 3.74 -0.01	50.72 3.89 0.00	52.96 4.15 0.00	58.56 4.64 0.00	60.28 4.72 0.00	74.06 5.17 0.00	87.14 6.53 0.00	90.13 6.83 0.00	92.34 6.04 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.23 2.80 0.00
BAYONEEC___CTG5 323686	49.69 3.12 0.00	44.87 3.02 0.00	44.66 2.76 0.00	43.41 2.50 0.00	41.35 2.23 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.78 2.69 0.00	39.96 2.82 0.00	40.86 2.96 0.00	42.28 3.28 0.00	47.73 3.74 -0.01	50.72 3.89 0.00	52.96 4.15 0.00	58.56 4.64 0.00	60.28 4.72 0.00	74.06 5.17 0.00	87.14 6.53 0.00	90.13 6.83 0.00	92.34 6.04 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.23 2.80 0.00
BAYONEEC___CTG6 323687	49.69 3.12 0.00	44.87 3.02 0.00	44.66 2.76 0.00	43.41 2.50 0.00	41.35 2.23 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.78 2.69 0.00	39.96 2.82 0.00	40.86 2.96 0.00	42.28 3.28 0.00	47.73 3.74 -0.01	50.72 3.89 0.00	52.96 4.15 0.00	58.56 4.64 0.00	60.28 4.72 0.00	74.06 5.17 0.00	87.14 6.53 0.00	90.13 6.83 0.00	92.34 6.04 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.23 2.80 0.00
BAYONEEC___CTG7 323688	49.69 3.12 0.00	44.87 3.02 0.00	44.66 2.76 0.00	43.41 2.50 0.00	41.35 2.23 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.78 2.69 0.00	39.96 2.82 0.00	40.86 2.96 0.00	42.28 3.28 0.00	47.73 3.74 -0.01	50.72 3.89 0.00	52.96 4.15 0.00	58.56 4.64 0.00	60.28 4.72 0.00	74.06 5.17 0.00	87.14 6.53 0.00	90.13 6.83 0.00	92.34 6.04 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.23 2.80 0.00

BAYONEEC___CTG8 323689	49.69 3.12 0.00	44.87 3.02 0.00	44.66 2.76 0.00	43.41 2.50 0.00	41.35 2.23 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.78 2.69 0.00	39.96 2.82 0.00	40.86 2.96 0.00	42.28 3.28 0.00	47.73 3.74 -0.01	50.72 3.89 0.00	52.96 4.15 0.00	58.56 4.64 0.00	60.28 4.72 0.00	74.06 5.17 0.00	87.14 6.53 0.00	90.13 6.83 0.00	92.34 6.04 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.23 2.80 0.00
BAYONEEC___CTG9 323749	49.69 3.12 0.00	44.87 3.02 0.00	44.66 2.76 0.00	43.41 2.50 0.00	41.35 2.23 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.78 2.69 0.00	39.96 2.82 0.00	40.86 2.96 0.00	42.28 3.28 0.00	47.73 3.74 -0.01	50.72 3.89 0.00	52.96 4.15 0.00	58.56 4.64 0.00	60.28 4.72 0.00	74.06 5.17 0.00	87.14 6.53 0.00	90.13 6.83 0.00	92.34 6.04 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.23 2.80 0.00
BAYPORT_69_KV_BK 2 356364	55.56 4.98 -4.01	46.47 4.60 -0.02	45.50 3.60 0.00	43.99 3.07 0.00	41.75 2.62 0.00	41.92 2.30 0.00	38.18 2.33 0.00	37.26 3.17 0.00	41.23 4.05 -0.04	52.78 4.28 -10.60	53.34 4.29 -10.05	54.95 4.97 -6.00	63.66 5.15 -11.68	65.91 5.42 -11.68	119.22 6.15 -59.15	99.62 6.33 -37.73	120.88 7.58 -44.41	104.35 9.11 -14.62	93.43 9.75 -0.38	94.67 8.37 0.00	75.76 3.95 0.01	59.62 3.27 0.01	54.97 3.06 0.01	51.37 3.94 0.00
BEACON___LESR 323632	48.25 1.67 0.00	43.36 1.50 0.00	43.36 1.47 0.00	42.35 1.43 0.00	40.38 1.25 0.00	40.89 1.27 0.00	36.96 1.11 0.00	35.25 1.16 0.00	38.18 1.04 0.00	38.93 1.02 0.00	40.09 1.09 0.00	45.31 1.32 0.00	48.05 1.22 0.00	50.17 1.36 0.00	55.54 1.62 0.00	57.39 1.83 0.00	71.37 2.48 0.00	83.92 3.31 0.00	87.14 3.83 0.00	89.93 3.62 0.00	74.26 2.44 0.00	58.38 2.03 0.00	53.62 1.71 0.00	49.00 1.56 0.00
BEAVER RIVER___HYD 24048	47.08 0.51 0.00	42.19 0.33 0.00	42.23 0.33 0.00	41.41 0.49 0.00	39.67 0.55 0.00	40.02 0.40 0.00	35.96 0.11 0.00	33.82 -0.27 0.00	36.47 -0.67 0.00	37.22 -0.68 0.00	38.42 -0.58 0.00	43.41 -0.57 0.00	46.04 -0.80 0.00	47.74 -1.07 0.00	52.68 -1.24 0.00	53.95 -1.61 0.00	67.38 -1.52 0.00	79.81 -0.81 0.00	83.89 0.59 0.00	88.46 2.16 0.00	74.12 2.30 0.00	58.11 1.75 0.00	53.11 1.19 0.00	48.33 0.90 0.00
BEEBEE_GT_13 23619	42.28 -2.70 1.59	38.26 -2.80 0.79	39.17 -2.72 0.00	38.29 -2.62 0.00	36.66 -2.46 0.00	37.17 -2.46 0.00	33.70 -2.15 0.00	32.32 -1.77 0.00	34.53 -2.53 0.09	35.36 -2.54 0.00	36.27 -2.50 0.24	39.70 -2.86 1.43	42.32 -2.62 1.89	43.47 -3.12 2.22	48.27 -2.80 2.85	49.23 -2.94 3.39	58.60 -3.31 6.99	68.33 -3.22 9.06	71.10 -2.92 9.28	73.45 -3.11 9.74	63.69 -2.59 5.54	50.28 -2.54 3.54	46.58 -2.65 2.69	42.70 -2.61 2.12
BENSHRST_27_KV_BENSHRST_1 355998	50.44 3.87 -0.01	45.50 3.64 -0.01	45.05 3.14 -0.01	43.86 2.95 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.14 2.29 0.00	36.95 2.86 0.00	40.26 3.12 0.00	41.27 3.37 0.00	42.83 3.82 0.00	48.44 4.44 -0.02	51.43 4.59 -0.01	53.75 4.93 -0.01	59.38 5.45 -0.01	61.18 5.61 -0.01	74.96 6.06 0.00	87.79 7.17 0.00	91.05 7.75 0.00	93.29 6.99 0.00	75.77 3.95 0.00	59.85 3.49 0.00	55.45 3.53 -0.01	50.90 3.46 -0.01
BETHLEHEM___GRP 23843	47.50 0.93 0.00	42.73 0.88 0.00	42.74 0.84 0.00	41.73 0.82 0.00	39.79 0.67 0.00	40.34 0.71 0.00	36.46 0.61 0.00	34.77 0.68 0.00	37.70 0.56 0.00	38.47 0.57 0.00	39.63 0.62 0.00	44.73 0.75 0.00	47.49 0.66 0.00	49.54 0.73 0.00	54.79 0.86 0.00	56.56 1.00 0.00	70.20 1.31 0.00	82.23 1.61 0.00	85.63 2.33 0.00	88.20 1.90 0.00	72.90 1.08 0.00	57.37 1.01 0.00	52.74 0.83 0.00	48.24 0.81 0.00
BETHLEHEM___GS1 323560	47.50 0.93 0.00	42.69 0.84 0.00	42.78 0.88 0.00	41.78 0.86 0.00	39.87 0.74 0.00	40.38 0.75 0.00	36.50 0.65 0.00	34.84 0.75 0.00	37.73 0.59 0.00	38.47 0.57 0.00	39.67 0.66 0.00	44.78 0.79 0.00	47.49 0.66 0.00	49.54 0.73 0.00	54.78 0.86 0.00	56.56 1.00 0.00	70.27 1.38 0.00	82.47 1.86 0.00	85.63 2.33 0.00	88.29 1.99 0.00	72.90 1.08 0.00	57.37 1.02 0.00	52.74 0.83 0.00	48.24 0.81 0.00
BETHLEHEM___GS2 323561	47.50 0.93 0.00	42.69 0.84 0.00	42.78 0.88 0.00	41.78 0.86 0.00	39.87 0.74 0.00	40.38 0.75 0.00	36.50 0.65 0.00	34.84 0.75 0.00	37.73 0.59 0.00	38.47 0.57 0.00	39.67 0.66 0.00	44.78 0.79 0.00	47.49 0.66 0.00	49.54 0.73 0.00	54.78 0.86 0.00	56.56 1.00 0.00	70.27 1.38 0.00	82.47 1.86 0.00	85.63 2.33 0.00	88.29 1.99 0.00	72.90 1.08 0.00	57.37 1.02 0.00	52.74 0.83 0.00	48.24 0.81 0.00
BETHLEHEM___GS3 323562	47.50 0.93 0.00	42.69 0.84 0.00	42.78 0.88 0.00	41.78 0.86 0.00	39.87 0.74 0.00	40.38 0.75 0.00	36.50 0.65 0.00	34.84 0.75 0.00	37.73 0.59 0.00	38.47 0.57 0.00	39.67 0.66 0.00	44.78 0.79 0.00	47.49 0.66 0.00	49.54 0.73 0.00	54.78 0.86 0.00	56.56 1.00 0.00	70.27 1.38 0.00	82.47 1.86 0.00	85.63 2.33 0.00	88.29 1.99 0.00	72.90 1.08 0.00	57.37 1.02 0.00	52.74 0.83 0.00	48.24 0.81 0.00
BETHLEHEM___STEEL 23779	40.00 -4.38 2.20	36.52 -4.23 1.11	37.72 -4.15 0.03	36.88 -4.01 0.03	35.21 -3.91 0.00	35.77 -3.84 0.01	32.52 -3.33 0.00	31.21 -2.86 0.01	33.48 -3.12 0.54	34.80 -3.07 0.03	35.42 -3.24 0.35	38.41 -3.56 2.02	40.41 -3.79 2.63	41.26 -3.90 3.64	45.93 -4.04 3.94	47.13 -3.72 4.71	47.09 -4.13 17.66	57.51 -4.11 18.99	59.52 -3.83 19.95	63.02 -4.14 19.14	59.59 -4.52 7.71	47.83 -3.55 4.98	44.55 -3.63 3.73	40.52 -3.51 3.41
BETHLHEM_115KV_TB1 79974	47.55 0.98 0.00	42.82 0.96 0.00	42.78 0.88 0.00	41.78 0.86 0.00	39.87 0.74 0.00	40.38 0.75 0.00	36.49 0.65 0.00	34.84 0.75 0.00	37.77 0.63 0.00	38.55 0.64 0.00	39.71 0.70 0.00	44.82 0.84 0.00	47.58 0.75 0.00	49.64 0.83 0.00	54.89 0.97 0.00	56.67 1.11 0.00	70.34 1.45 0.00	82.39 1.77 0.00	85.72 2.42 0.00	88.37 2.07 0.00	72.97 1.15 0.00	57.43 1.07 0.00	52.79 0.88 0.00	48.29 0.85 0.00
BETHPAGE_CC_5 323564	54.68 4.10 -4.01	45.68 3.81 -0.02	45.08 3.18 0.00	43.62 2.70 0.00	41.55 2.43 0.00	41.88 2.26 0.00	38.04 2.19 0.00	36.95 2.86 0.00	40.67 3.49 -0.04	51.98 3.48 -10.60	52.64 3.59 -10.05	53.95 4.09 -5.87	61.67 4.12 -10.71	64.22 4.39 -11.02	104.76 4.96 -45.88	98.39 5.11 -37.72	114.88 5.93 -40.06	102.64 7.41 -14.61	91.43 7.75 -0.38	92.78 6.48 0.00	74.40 2.58 0.01	58.66 2.31 0.01	53.98 2.08 0.01	50.38 2.94 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.12 -4.28 2.16	36.66 -4.10 1.10	37.85 -4.02 0.03	36.96 -3.93 0.03	35.25 -3.87 0.00	35.85 -3.76 0.01	32.59 -3.26 0.00	31.28 -2.80 0.01	33.76 -2.86 0.52	35.07 -2.80 0.03	35.70 -2.96 0.34	38.74 -3.26 1.99	40.68 -3.56 2.59	41.66 -3.56 3.59	46.21 -3.83 3.89	47.59 -3.33 4.64	47.92 -3.65 17.32	58.64 -3.47 18.52	60.58 -3.17 19.55	64.08 -3.54 18.69	59.99 -4.24 7.59	48.30 -3.16 4.90	44.92 -3.32 3.67	40.90 -3.18 3.35

BINGHAMTON___COGEN 23790	45.96 -0.42 0.19	41.26 -0.50 0.09	41.44 -0.46 0.00	40.51 -0.41 0.00	38.69 -0.43 0.00	39.23 -0.40 0.00	35.42 -0.43 0.00	33.85 -0.24 0.00	36.88 -0.33 -0.07	37.60 -0.30 0.00	38.63 -0.35 0.03	43.51 -0.31 0.16	46.23 -0.37 0.23	48.37 -0.29 0.15	53.31 -0.27 0.34	55.16 0.00 0.40	69.87 0.14 -0.84	82.05 0.56 -0.87	84.86 1.00 -0.56	87.80 0.95 -0.55	71.38 0.22 0.65	56.18 0.23 0.40	51.54 -0.05 0.32	47.18 -0.09 0.16
BIXINCNT_115KV_LOAD 355685	40.16 -4.38 2.03	36.68 -4.14 1.03	37.77 -4.11 0.02	36.88 -4.01 0.02	35.13 -3.99 0.00	35.77 -3.84 0.01	32.52 -3.33 0.00	31.28 -2.80 0.01	34.29 -2.38 0.48	35.68 -2.20 0.02	36.19 -2.50 0.32	39.53 -2.60 1.86	41.22 -3.18 2.43	42.49 -2.98 3.34	46.72 -3.56 3.64	48.43 -2.78 4.35	49.99 -2.96 15.94	61.17 -2.42 17.03	63.51 -1.75 18.04	67.17 -1.90 17.23	61.33 -3.38 7.12	49.46 -2.31 4.59	45.51 -2.96 3.44	41.32 -2.99 3.13
BLACK RIVER___HYD 24047	48.06 1.49 0.00	42.99 1.13 0.00	43.07 1.17 0.00	42.23 1.31 0.00	40.41 1.29 0.00	40.73 1.11 0.00	36.57 0.72 0.00	34.33 0.24 0.00	36.84 -0.30 0.00	37.56 -0.34 0.00	38.65 -0.35 0.00	43.72 -0.26 0.00	46.51 -0.33 0.00	48.23 -0.58 0.00	53.33 -0.59 0.00	54.84 -0.72 0.00	68.69 -0.21 0.00	81.75 1.13 0.00	86.22 2.91 0.00	90.96 4.66 0.00	76.20 4.38 0.00	59.68 3.32 0.00	54.30 2.39 0.00	49.33 1.90 0.00
BLACKRVR_115KV_TB2 79977	48.06 1.49 0.00	42.99 1.13 0.00	43.07 1.17 0.00	42.18 1.27 0.00	40.45 1.33 0.00	40.81 1.19 0.00	36.60 0.75 0.00	34.36 0.27 0.00	36.84 -0.30 0.00	37.56 -0.34 0.00	38.65 -0.35 0.00	43.72 -0.26 0.00	46.51 -0.33 0.00	48.22 -0.59 0.00	53.28 -0.65 0.00	54.84 -0.72 0.00	68.69 -0.21 0.00	81.75 1.13 0.00	86.22 2.92 0.00	90.96 4.66 0.00	76.20 4.38 0.00	59.68 3.33 0.00	54.30 2.39 0.00	49.33 1.90 0.00
BLISS_WT_PWR 323608	40.03 -4.52 2.03	36.52 -4.31 1.03	37.56 -4.31 0.02	36.68 -4.21 0.02	35.05 -4.07 0.00	35.57 -4.04 0.01	32.30 -3.55 0.00	31.18 -2.90 0.01	34.36 -2.30 0.48	35.60 -2.27 0.02	36.23 -2.46 0.32	39.49 -2.64 1.86	41.27 -3.14 2.43	42.40 -3.07 3.34	46.29 -3.99 3.64	48.26 -2.95 4.35	49.79 -3.17 15.94	61.09 -2.50 17.03	63.51 -1.75 18.04	67.09 -1.98 17.23	61.18 -3.52 7.12	49.34 -2.42 4.59	45.36 -3.11 3.44	41.13 -3.18 3.13
BLUESTONE___WT_PWR 323821	47.95 1.49 0.11	42.97 1.17 0.05	43.12 1.22 0.00	42.19 1.27 0.00	40.30 1.17 0.00	40.82 1.19 0.00	36.35 0.50 0.00	34.88 0.78 0.00	37.70 0.48 -0.08	38.06 0.15 0.00	39.03 0.04 0.01	43.94 0.04 0.09	46.75 0.05 0.13	48.78 0.00 0.03	53.83 0.11 0.20	55.83 0.50 0.23	71.34 1.17 -1.28	84.58 2.58 -1.38	88.23 3.83 -1.10	91.79 4.40 -1.09	74.89 3.45 0.38	58.89 2.76 0.23	53.80 2.08 0.19	49.09 1.71 0.05
BLUE_CIRC_CHEM_DRP 24182	48.15 1.58 0.00	43.32 1.46 0.00	43.28 1.38 0.00	42.27 1.35 0.00	40.34 1.21 0.00	40.85 1.23 0.00	36.82 0.97 0.00	35.01 0.92 0.00	37.88 0.74 0.00	38.58 0.68 0.00	39.75 0.74 0.00	44.87 0.88 0.00	47.63 0.80 0.00	49.74 0.93 0.00	55.06 1.13 0.00	56.84 1.28 0.00	70.62 1.72 0.00	82.79 2.18 0.00	86.38 3.08 0.00	89.32 3.02 0.00	73.90 2.08 0.00	58.16 1.80 0.00	53.47 1.56 0.00	48.90 1.47 0.00
BOC_GAS_DRP 24189	47.64 1.07 0.00	42.86 1.00 0.00	42.86 0.96 0.00	41.86 0.94 0.00	39.95 0.82 0.00	40.50 0.87 0.00	36.57 0.72 0.00	34.91 0.82 0.00	37.88 0.74 0.00	38.70 0.80 0.00	39.86 0.86 0.00	45.00 1.01 0.00	47.82 0.98 0.00	49.93 1.12 0.00	55.16 1.24 0.00	56.95 1.39 0.00	70.55 1.65 0.00	82.55 1.93 0.00	85.80 2.50 0.00	88.46 2.16 0.00	73.04 1.22 0.00	57.49 1.13 0.00	52.90 0.99 0.00	48.38 0.95 0.00
BOONVILLE_115KV_TB1 79983	47.22 0.65 0.00	42.36 0.50 0.00	42.40 0.50 0.00	41.49 0.57 0.00	39.71 0.59 0.00	40.14 0.52 0.00	36.17 0.32 0.00	34.23 0.14 0.00	37.03 -0.11 0.00	37.79 -0.11 0.00	38.97 -0.04 0.00	43.99 0.00 0.00	46.74 -0.09 0.00	48.57 -0.24 0.00	53.65 -0.27 0.00	55.17 -0.39 0.00	68.69 -0.21 0.00	81.02 0.40 0.00	84.63 1.33 0.00	88.46 2.16 0.00	73.76 1.94 0.00	57.88 1.52 0.00	53.00 1.09 0.00	48.29 0.85 0.00
BORALEX_4TH_BRANCH 23824	49.23 2.65 0.00	44.24 2.39 0.00	44.16 2.26 0.00	43.09 2.17 0.00	41.12 2.00 0.00	41.65 2.02 0.00	37.64 1.79 0.00	35.96 1.87 0.00	39.00 1.86 0.00	39.83 1.93 0.00	40.92 1.91 0.00	46.05 2.07 0.00	49.04 2.20 0.00	51.25 2.44 0.00	56.73 2.80 0.00	58.67 3.11 0.00	72.75 3.86 0.00	85.21 4.60 0.00	88.72 5.41 0.00	91.14 4.83 0.00	75.41 3.59 0.00	59.57 3.21 0.00	54.66 2.75 0.00	50.04 2.61 0.00
BOWLINE___1 23526	48.85 2.28 0.00	44.11 2.26 0.00	43.99 2.09 0.00	42.84 1.92 0.00	40.84 1.72 0.00	41.29 1.66 0.00	37.46 1.61 0.00	36.14 2.05 0.00	39.26 2.12 0.00	40.14 2.24 0.00	41.58 2.57 0.00	46.89 2.90 0.00	49.92 3.09 0.00	52.08 3.27 0.00	57.48 3.56 0.00	59.23 3.67 0.00	72.96 4.06 0.00	85.85 5.24 0.00	88.88 5.58 0.00	91.22 4.92 0.00	74.48 2.66 0.00	58.50 2.14 0.00	54.09 2.18 0.00	49.66 2.23 0.00
BOWLINE___2 23595	48.90 2.33 0.00	44.16 2.30 0.00	43.99 2.09 0.00	42.84 1.92 0.00	40.84 1.72 0.00	41.29 1.66 0.00	37.46 1.61 0.00	36.14 2.05 0.00	39.26 2.12 0.00	40.14 2.24 0.00	41.58 2.57 0.00	46.93 2.95 0.00	49.92 3.09 0.00	52.13 3.32 0.00	57.54 3.61 0.00	59.28 3.72 0.00	73.10 4.20 0.00	86.02 5.40 0.00	89.04 5.74 0.00	91.31 5.00 0.00	74.62 2.80 0.00	58.55 2.20 0.00	54.09 2.18 0.00	49.66 2.23 0.00
BRADY___115KV_TB2 356060	46.66 0.09 0.00	41.94 0.08 0.00	41.90 0.00 0.00	40.96 0.04 0.00	39.40 0.27 0.00	39.74 0.12 0.00	35.96 0.11 0.00	33.82 -0.27 0.00	36.99 -0.15 0.00	37.60 -0.30 0.00	38.69 -0.31 0.00	43.50 -0.48 0.00	46.41 -0.42 0.00	48.27 -0.54 0.00	53.06 -0.86 0.00	54.45 -1.11 0.00	67.58 -1.31 0.00	79.25 -1.37 0.00	81.80 -1.50 0.00	85.61 -0.69 0.00	72.04 0.22 0.00	56.30 -0.06 0.00	52.07 0.16 0.00	47.58 0.14 0.00
BRANSCOMB___SOLAR 323811	49.04 2.47 0.00	44.07 2.22 0.00	44.03 2.14 0.00	42.92 2.00 0.00	40.96 1.84 0.00	41.45 1.82 0.00	37.39 1.54 0.00	35.55 1.46 0.00	38.29 1.15 0.00	38.93 1.02 0.00	39.90 0.90 0.00	45.13 1.14 0.00	47.77 0.94 0.00	49.88 1.07 0.00	55.27 1.35 0.00	57.17 1.61 0.00	71.72 2.83 0.00	84.49 3.87 0.00	88.22 4.91 0.00	91.39 5.09 0.00	75.77 3.95 0.00	59.63 3.27 0.00	54.71 2.80 0.00	49.80 2.37 0.00
BRDGHMPT_69_KV_BK1 55812	55.61 5.03 -4.01	46.43 4.56 -0.02	45.38 3.48 0.00	43.90 2.99 0.00	41.63 2.50 0.00	41.77 2.14 0.00	38.07 2.22 0.00	37.29 3.20 0.00	41.52 4.35 -0.04	53.39 4.89 -10.60	54.28 5.23 -10.05	56.24 6.25 -6.01	65.27 6.56 -11.87	67.41 6.78 -11.82	121.93 7.55 -60.46	101.13 7.83 -37.73	123.24 9.51 -44.84	106.36 11.13 -14.62	95.26 11.58 -0.38	96.31 10.01 0.00	76.77 4.96 0.01	60.24 3.89 0.01	55.54 3.63 0.01	51.94 4.51 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	55.14 4.56 -4.01	46.14 4.27 -0.02	45.25 3.35 0.00	43.78 2.86 0.00	41.59 2.46 0.00	41.77 2.14 0.00	38.00 2.15 0.00	37.06 2.97 0.00	40.93 3.75 -0.04	52.40 3.90 -10.60	52.84 3.78 -10.05	54.24 4.31 -5.95	63.06 4.45 -11.77	65.10 4.54 -11.75	113.41 5.18 -54.31	98.46 5.17 -37.73	117.84 6.13 -42.82	102.65 7.42 -14.61	91.68 8.00 -0.38	93.12 6.82 0.00	74.61 2.80 0.01	58.89 2.54 0.01	54.29 2.39 0.01	50.85 3.42 0.00
BRISTLHL_115KV_TB1 79998	46.37 -1.16 -0.96	41.16 -1.17 -0.48	40.93 -0.96 0.00	40.02 -0.90 0.00	38.22 -0.90 0.00	38.71 -0.91 0.00	34.99 -0.86 0.00	33.37 -0.72 0.00	36.21 -0.93 0.00	36.88 -1.02 0.00	37.98 -1.17 -0.14	43.57 -1.28 -0.86	46.67 -1.31 -1.15	48.66 -1.42 -1.27	54.19 -1.46 -1.73	56.22 -1.39 -2.05	70.44 -1.58 -3.13	83.26 -1.61 -4.25	86.43 -1.42 -4.54	89.65 -1.47 -4.82	73.81 -1.36 -3.35	57.36 -1.13 -2.13	52.34 -1.19 -1.63	47.52 -1.14 -1.22
BROOKHAVEN___DRP 24191	55.10 4.52 -4.01	46.06 4.19 -0.02	45.08 3.18 0.00	43.62 2.70 0.00	41.39 2.27 0.00	41.57 1.94 0.00	37.89 2.04 0.00	36.99 2.90 0.00	40.89 3.71 -0.04	52.40 3.90 -10.60	52.95 3.90 -10.05	54.52 4.53 -6.01	63.31 4.59 -11.89	65.52 4.88 -11.83	119.86 5.50 -60.44	98.96 5.67 -37.73	120.48 6.75 -44.83	103.38 8.14 -14.62	92.43 8.75 -0.38	93.73 7.42 0.00	74.97 3.16 0.01	59.00 2.65 0.01	54.45 2.54 0.01	50.94 3.51 0.00
BROOKLYN_NAVY_YARD 23515	49.74 3.17 0.00	44.83 2.97 0.00	44.62 2.72 0.00	43.37 2.45 0.00	41.31 2.19 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.78 2.69 0.00	40.00 2.86 0.00	40.89 2.99 0.00	42.28 3.28 0.00	47.69 3.70 -0.01	50.68 3.84 0.00	52.96 4.15 0.00	58.56 4.64 0.00	60.28 4.72 0.00	74.06 5.17 0.00	87.14 6.53 0.00	90.13 6.83 0.00	92.43 6.13 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.23 2.80 0.00
BROOKLYN___ARMY_DRP 323595	50.17 3.59 -0.01	45.30 3.43 -0.01	44.84 2.93 -0.01	43.66 2.74 0.00	41.51 2.39 0.00	41.73 2.10 0.00	37.96 2.12 0.00	36.78 2.69 0.00	40.07 2.93 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.22 4.22 -0.02	51.20 4.36 -0.01	53.45 4.64 -0.01	59.05 5.12 -0.01	60.79 5.22 -0.01	74.47 5.58 0.00	87.23 6.61 0.00	90.47 7.16 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.57 3.21 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
BROOME_2_LFGE 323671	45.96 -0.42 0.19	41.26 -0.50 0.09	41.44 -0.46 0.00	40.47 -0.45 0.00	38.69 -0.43 0.00	39.23 -0.40 0.00	35.42 -0.43 0.00	33.85 -0.24 0.00	36.91 -0.30 -0.07	37.60 -0.30 0.00	38.63 -0.35 0.03	43.47 -0.35 0.16	46.23 -0.38 0.23	48.37 -0.29 0.15	53.26 -0.32 0.34	55.16 0.00 0.40	69.88 0.14 -0.84	82.13 0.64 -0.87	84.87 1.00 -0.56	87.80 0.95 -0.55	71.38 0.22 0.65	56.18 0.23 0.40	51.54 -0.05 0.32	47.18 -0.09 0.16
BROOME___LFGE 323600	45.96 -0.42 0.19	41.26 -0.50 0.09	41.44 -0.46 0.00	40.47 -0.45 0.00	38.69 -0.43 0.00	39.23 -0.40 0.00	35.42 -0.43 0.00	33.85 -0.24 0.00	36.91 -0.30 -0.07	37.60 -0.30 0.00	38.63 -0.35 0.03	43.47 -0.35 0.16	46.23 -0.38 0.23	48.37 -0.29 0.15	53.26 -0.32 0.34	55.16 0.00 0.40	69.88 0.14 -0.84	82.13 0.64 -0.87	84.87 1.00 -0.56	87.80 0.95 -0.55	71.38 0.22 0.65	56.18 0.23 0.40	51.54 -0.05 0.32	47.18 -0.09 0.16
BROWNFLS_115KV_TB_3_5 80003	46.62 0.05 0.00	41.81 -0.04 0.00	41.81 -0.08 0.00	40.92 0.00 0.00	39.32 0.20 0.00	39.63 0.00 0.00	35.67 -0.18 0.00	33.58 -0.51 0.00	36.36 -0.78 0.00	37.07 -0.83 0.00	38.22 -0.78 0.00	43.15 -0.84 0.00	45.85 -0.98 0.00	47.54 -1.27 0.00	52.41 -1.51 0.00	53.73 -1.83 0.00	66.96 -1.93 0.00	79.17 -1.45 0.00	82.72 -0.58 0.00	87.08 0.78 0.00	72.97 1.15 0.00	57.15 0.79 0.00	52.38 0.47 0.00	47.72 0.28 0.00
BROWNSV1_27_KV_LOAD 356125	50.20 3.63 0.00	45.29 3.43 0.00	44.83 2.93 0.00	43.66 2.74 0.00	41.55 2.43 0.00	41.96 2.34 0.00	38.14 2.29 0.00	36.92 2.83 0.00	40.22 3.08 0.00	41.20 3.30 0.00	42.67 3.67 0.00	48.26 4.27 -0.01	51.19 4.36 0.00	53.54 4.73 0.00	59.21 5.28 0.00	60.95 5.39 0.00	74.96 6.06 0.00	87.87 7.26 0.00	91.22 7.91 0.00	93.55 7.25 0.00	76.13 4.31 0.00	59.80 3.44 0.00	55.23 3.32 0.00	50.71 3.27 0.00
BURROWS___LYONSDAL 23803	47.13 0.56 0.00	42.23 0.38 0.00	42.28 0.38 0.00	41.41 0.49 0.00	39.63 0.51 0.00	40.06 0.44 0.00	36.06 0.22 0.00	34.09 0.00 0.00	36.84 -0.30 0.00	37.60 -0.30 0.00	38.77 -0.23 0.00	43.81 -0.18 0.00	46.51 -0.33 0.00	48.27 -0.54 0.00	53.33 -0.59 0.00	54.73 -0.83 0.00	68.14 -0.76 0.00	80.46 -0.16 0.00	84.22 0.92 0.00	88.29 1.98 0.00	73.69 1.87 0.00	57.82 1.47 0.00	52.95 1.04 0.00	48.24 0.81 0.00
CAITHNESS_CC_1 323624	54.91 4.33 -4.01	45.93 4.06 -0.02	45.17 3.27 0.00	43.66 2.74 0.00	41.63 2.51 0.00	41.92 2.30 0.00	38.07 2.22 0.00	37.02 2.93 0.00	40.89 3.71 -0.04	52.29 3.79 -10.60	52.80 3.74 -10.05	54.26 4.27 -6.01	63.14 4.40 -11.90	65.23 4.59 -11.84	119.52 5.18 -60.42	98.63 5.33 -37.73	120.05 6.33 -44.82	103.14 7.91 -14.62	91.93 8.25 -0.38	93.12 6.82 0.00	74.61 2.80 0.01	58.77 2.42 0.01	54.14 2.23 0.01	50.75 3.32 0.00
CALPINE BETH_PAGE_GT4 24209	54.59 4.01 -4.01	45.60 3.73 -0.02	44.79 2.89 0.00	43.41 2.50 0.00	41.24 2.11 0.00	41.49 1.86 0.00	37.79 1.94 0.00	36.75 2.66 0.00	40.48 3.31 -0.04	51.95 3.45 -10.60	52.64 3.59 -10.05	54.00 4.13 -5.87	61.62 4.07 -10.71	64.22 4.39 -11.02	104.76 4.96 -45.88	98.34 5.06 -37.72	114.81 5.86 -40.07	102.24 7.01 -14.61	91.35 7.66 -0.38	92.86 6.56 0.00	74.40 2.59 0.01	58.49 2.14 0.01	54.09 2.18 0.01	50.37 2.94 0.00
CALPINE_BETH_PAGE_GT_4 323586	54.54 3.96 -4.01	45.59 3.72 -0.02	45.00 3.10 0.00	43.54 2.62 0.00	41.47 2.35 0.00	41.80 2.18 0.00	38.00 2.15 0.00	36.89 2.80 0.00	40.59 3.41 -0.04	51.95 3.45 -10.60	52.68 3.63 -10.05	53.95 4.09 -5.87	61.62 4.07 -10.71	64.17 4.34 -11.02	104.71 4.91 -45.88	98.34 5.06 -37.72	114.81 5.85 -40.06	102.49 7.26 -14.61	91.34 7.66 -0.38	92.69 6.39 0.00	74.40 2.58 0.01	58.72 2.37 0.01	53.98 2.08 0.01	50.38 2.94 0.00
CALPINE_BP_GT1 23823	54.54 3.96 -4.01	45.59 3.72 -0.02	45.00 3.10 0.00	43.54 2.62 0.00	41.47 2.35 0.00	41.80 2.18 0.00	38.00 2.15 0.00	36.89 2.80 0.00	40.59 3.41 -0.04	51.95 3.45 -10.60	52.68 3.63 -10.05	53.95 4.09 -5.87	61.62 4.07 -10.71	64.17 4.34 -11.02	104.71 4.91 -45.88	98.34 5.06 -37.72	114.81 5.85 -40.06	102.49 7.26 -14.61	91.34 7.66 -0.38	92.69 6.39 0.00	74.40 2.58 0.01	58.72 2.37 0.01	53.98 2.08 0.01	50.38 2.94 0.00
CALSPAN___DRP 24200	40.00 -4.38 2.20	36.52 -4.23 1.11	37.72 -4.15 0.03	36.88 -4.01 0.03	35.21 -3.91 0.00	35.77 -3.84 0.01	32.52 -3.33 0.00	31.21 -2.86 0.01	33.48 -3.12 0.54	34.80 -3.07 0.03	35.42 -3.24 0.35	38.41 -3.56 2.02	40.41 -3.79 2.63	41.26 -3.90 3.64	45.93 -4.04 3.94	47.13 -3.72 4.71	47.09 -4.13 17.66	57.51 -4.11 18.99	59.52 -3.83 19.95	63.02 -4.14 19.14	59.59 -4.52 7.71	47.83 -3.55 4.98	44.55 -3.63 3.73	40.52 -3.51 3.41

CALVERTON___SOLAR 323806	55.24 -4.66 -4.01	46.18 4.31 -0.02	45.42 3.52 0.00	43.86 2.95 0.00	41.82 2.70 0.00	42.12 2.50 0.00	38.21 2.37 0.00	37.19 3.10 0.00	41.11 3.93 -0.04	52.59 4.09 -10.60	53.15 4.09 -10.05	54.70 4.71 -6.01	63.59 4.87 -11.88	65.76 5.12 -11.82	120.14 5.77 -60.45	99.30 6.00 -37.73	120.89 7.16 -44.84	104.18 8.95 -14.62	92.93 9.25 -0.38	94.07 7.77 0.00	75.33 3.52 0.01	59.28 2.93 0.01	54.60 2.70 0.01	51.14 3.70 0.00
CANDIGU_WT_PWR 323617	39.56 -2.00 5.01	37.22 -2.05 2.58	39.77 -2.01 0.12	38.84 -1.96 0.12	37.32 -1.80 0.00	37.75 -1.82 0.05	34.16 -1.68 0.00	32.54 -1.50 0.05	33.09 -1.71 2.34	35.97 -1.82 0.12	36.17 -1.99 0.85	37.14 -2.11 4.73	38.66 -2.15 6.02	36.65 -2.15 10.01	42.69 -2.21 9.02	42.83 -1.89 10.84	3.02 -1.93 63.95	5.37 -1.37 73.88	12.58 -0.75 69.97	15.29 -0.51 70.50	53.06 -0.94 17.83	43.83 -0.79 11.74	42.12 -1.25 8.55	36.90 -1.38 9.16
CARR STREET_E_SYR 24060	45.09 -0.93 0.55	40.62 -0.96 0.28	41.02 -0.88 0.00	40.06 -0.86 0.00	38.30 -0.82 0.00	38.79 -0.83 0.00	35.09 -0.75 0.00	33.48 -0.61 0.00	36.32 -0.82 0.00	37.07 -0.83 0.00	37.95 -0.97 0.08	42.48 -1.01 0.50	45.14 -1.03 0.66	46.96 -1.12 0.73	51.79 -1.13 0.99	53.21 -1.17 1.18	65.85 -1.24 1.80	77.04 -1.13 2.45	79.69 -1.00 2.61	82.41 -1.12 2.77	68.82 -1.08 1.93	54.23 -0.90 1.23	50.09 -0.88 0.94	45.83 -0.90 0.70
CARTHAGE___PAPER 23857	47.59 1.02 0.00	42.61 0.75 0.00	42.65 0.75 0.00	41.82 0.90 0.00	40.06 0.94 0.00	40.38 0.75 0.00	36.28 0.43 0.00	34.09 0.00 0.00	36.66 -0.48 0.00	37.41 -0.49 0.00	38.54 -0.47 0.00	43.55 -0.44 0.00	46.27 -0.56 0.00	47.98 -0.83 0.00	52.95 -0.97 0.00	54.34 -1.22 0.00	67.93 -0.96 0.00	80.70 0.08 0.00	84.97 1.67 0.00	89.67 3.36 0.00	75.13 3.31 0.00	58.90 2.54 0.00	53.73 1.82 0.00	48.86 1.42 0.00
CASSADAGA_WT_PWR 323784	40.48 -4.01 2.09	36.86 -3.94 1.06	37.89 -3.98 0.03	37.09 -3.80 0.03	35.53 -3.60 0.00	35.97 -3.64 0.01	32.77 -3.08 0.00	31.38 -2.69 0.01	34.26 -2.38 0.50	35.53 -2.35 0.03	36.10 -2.58 0.33	39.30 -2.77 1.92	41.52 -2.81 2.50	42.57 -2.78 3.46	47.10 -3.07 3.75	48.75 -2.33 4.48	49.81 -2.41 16.67	60.93 -1.61 18.08	63.24 -1.17 18.90	66.61 -1.47 18.22	61.83 -2.66 7.33	49.37 -2.26 4.74	45.20 -3.17 3.55	40.59 -3.61 3.23
CE_DUNWOOD___DRP 24194	49.37 2.79 0.00	44.53 2.68 0.00	44.16 2.26 0.00	43.04 2.13 0.00	41.00 1.88 0.00	41.45 1.82 0.00	37.64 1.79 0.00	36.31 2.22 0.00	39.52 2.38 0.00	40.48 2.58 0.00	41.89 2.89 0.00	47.33 3.34 0.00	50.25 3.42 0.00	52.57 3.76 0.00	58.02 4.10 0.00	59.78 4.22 0.00	73.65 4.75 0.00	86.34 5.72 0.00	89.72 6.41 0.00	92.09 5.78 0.00	75.05 3.23 0.00	58.95 2.59 0.00	54.46 2.54 0.00	49.95 2.51 0.00
CE_MILLWOOD___DRP 24193	49.23 2.65 0.00	44.41 2.55 0.00	44.08 2.18 0.00	42.96 2.05 0.00	40.92 1.80 0.00	41.37 1.74 0.00	37.53 1.68 0.00	36.20 2.11 0.00	39.41 2.27 0.00	40.36 2.46 0.00	41.77 2.77 0.00	47.20 3.21 0.00	50.16 3.33 0.00	52.42 3.61 0.00	57.91 3.99 0.00	59.62 4.06 0.00	73.51 4.62 0.00	86.18 5.56 0.00	89.55 6.25 0.00	91.91 5.61 0.00	74.91 3.09 0.00	58.90 2.54 0.00	54.35 2.44 0.00	49.85 2.42 0.00
CE_NYC2_DRP 24202	49.89 3.31 -0.01	45.04 3.18 -0.01	44.58 2.68 0.00	43.41 2.50 0.00	41.31 2.19 0.00	41.61 1.98 0.00	37.86 2.01 0.00	36.68 2.59 0.00	39.93 2.79 0.00	40.93 3.03 0.00	42.40 3.39 0.00	47.91 3.91 -0.01	50.87 4.03 -0.01	53.11 4.30 -0.01	58.73 4.80 -0.01	60.45 4.89 0.00	74.20 5.30 0.00	86.83 6.21 0.00	89.97 6.66 0.00	92.26 5.95 0.00	74.98 3.16 0.00	59.18 2.82 0.00	54.82 2.91 0.00	50.37 2.94 0.00
CE_NYC_DRP 24195	49.78 3.21 0.00	44.91 3.06 0.00	44.50 2.60 0.00	43.37 2.45 0.00	41.28 2.15 0.00	41.65 2.02 0.00	37.89 2.04 0.00	36.68 2.59 0.00	39.93 2.79 0.00	40.90 2.99 0.00	42.32 3.32 0.00	47.86 3.87 -0.01	50.77 3.93 0.00	53.06 4.25 0.00	58.67 4.75 0.00	60.39 4.83 0.00	74.27 5.37 0.00	86.99 6.37 0.00	90.30 7.00 0.00	92.69 6.39 0.00	75.41 3.59 0.00	59.29 2.93 0.00	54.77 2.86 0.00	50.28 2.85 0.00
CHAFFEE___LFGE 323603	40.31 -4.15 2.11	36.77 -4.02 1.07	37.81 -4.06 0.03	36.96 -3.93 0.03	35.41 -3.72 0.00	35.81 -3.80 0.01	32.52 -3.33 0.00	31.28 -2.79 0.01	33.85 -2.79 0.51	35.07 -2.80 0.03	35.63 -3.04 0.34	38.79 -3.25 1.94	40.74 -3.56 2.53	41.80 -3.51 3.49	46.41 -3.72 3.80	47.70 -3.33 4.53	48.43 -3.65 16.81	59.19 -3.38 18.05	61.21 -3.08 19.01	64.54 -3.54 18.22	60.31 -4.09 7.42	48.47 -3.10 4.79	45.06 -3.27 3.59	41.03 -3.13 3.27
CHATEAUG_35_KV_LOAD 355732	45.78 -0.79 0.00	41.19 -0.67 0.00	41.23 -0.67 0.00	40.30 -0.61 0.00	38.73 -0.39 0.00	39.23 -0.40 0.00	35.56 -0.29 0.00	33.65 -0.44 0.00	36.88 -0.26 0.00	37.56 -0.34 0.00	38.61 -0.39 0.00	43.41 -0.57 0.00	46.32 -0.52 0.00	48.17 -0.63 0.00	53.06 -0.86 0.00	54.23 -1.33 0.00	67.03 -1.86 0.00	78.52 -2.10 0.00	80.89 -2.42 0.00	84.23 -2.07 0.00	70.53 -1.29 0.00	55.23 -1.13 0.00	51.29 -0.62 0.00	46.86 -0.57 0.00
CHATEAUG_WT_PWR 323614	45.82 -0.75 0.00	41.18 -0.67 0.00	41.27 -0.63 0.00	40.43 -0.49 0.00	38.73 -0.39 0.00	39.23 -0.40 0.00	35.56 -0.29 0.00	33.68 -0.41 0.00	36.92 -0.22 0.00	37.60 -0.30 0.00	38.69 -0.31 0.00	43.50 -0.48 0.00	46.41 -0.42 0.00	48.27 -0.54 0.00	52.95 -0.97 0.00	54.34 -1.22 0.00	67.10 -1.79 0.00	78.36 -2.26 0.00	80.80 -2.50 0.00	84.06 -2.24 0.00	70.39 -1.44 0.00	55.17 -1.19 0.00	51.24 -0.68 0.00	46.87 -0.57 0.00
CHAT_HIGH_FALL_HYD 323578	45.78 -0.79 0.00	41.19 -0.67 0.00	41.23 -0.67 0.00	40.30 -0.61 0.00	38.73 -0.39 0.00	39.23 -0.40 0.00	35.56 -0.29 0.00	33.65 -0.44 0.00	36.88 -0.26 0.00	37.56 -0.34 0.00	38.61 -0.39 0.00	43.41 -0.57 0.00	46.32 -0.52 0.00	48.17 -0.63 0.00	53.06 -0.86 0.00	54.23 -1.33 0.00	67.03 -1.86 0.00	78.52 -2.10 0.00	80.89 -2.42 0.00	84.23 -2.07 0.00	70.53 -1.29 0.00	55.23 -1.13 0.00	51.29 -0.62 0.00	46.86 -0.57 0.00
CHAUTAUQUA___LFGE 323629	40.42 -4.01 2.15	36.83 -3.94 1.09	37.93 -3.94 0.03	37.09 -3.80 0.03	35.53 -3.60 0.00	35.97 -3.64 0.01	32.73 -3.12 0.00	31.42 -2.66 0.01	33.94 -2.67 0.52	35.22 -2.65 0.03	35.82 -2.85 0.34	38.93 -3.08 1.97	40.99 -3.28 2.57	41.93 -3.32 3.56	46.67 -3.40 3.86	47.96 -3.00 4.60	48.31 -3.31 17.28	59.07 -2.74 18.81	61.31 -2.42 19.58	64.61 -2.77 18.93	60.84 -3.45 7.53	48.62 -2.87 4.87	44.90 -3.37 3.64	40.59 -3.51 3.33
CHERRYST_13_KV_LD 356241	49.92 3.35 0.00	45.08 3.22 0.00	44.62 2.72 0.00	43.49 2.58 0.00	41.39 2.27 0.00	41.77 2.14 0.00	38.00 2.15 0.00	36.78 2.69 0.00	40.07 2.93 0.00	41.05 3.15 0.00	42.48 3.47 0.00	48.00 4.00 -0.01	50.96 4.12 0.00	53.25 4.44 0.00	58.88 4.96 0.00	60.67 5.11 0.00	74.54 5.65 0.00	87.39 6.77 0.00	90.72 7.41 0.00	93.04 6.73 0.00	75.70 3.88 0.00	59.46 3.10 0.00	54.98 3.06 0.00	50.47 3.04 0.00

CHESTROR_138KV_BK263 355645	48.67 2.10 0.00	43.86 2.01 0.00	43.62 1.72 0.00	42.51 1.60 0.00	40.53 1.41 0.00	41.01 1.39 0.00	37.18 1.33 0.00	35.76 1.67 0.00	38.89 1.75 0.00	39.80 1.90 0.00	41.15 2.15 0.00	46.45 2.46 0.00	49.41 2.58 0.00	51.64 2.83 0.00	57.05 3.13 0.00	58.78 3.22 0.00	72.54 3.65 0.00	85.13 4.51 0.00	88.47 5.16 0.00	90.96 4.66 0.00	74.41 2.59 0.00	58.39 2.03 0.00	53.88 1.97 0.00	49.38 1.94 0.00
CH_MIDHUDSON___DRP 24192	49.13 2.56 0.00	44.28 2.43 0.00	43.99 2.09 0.00	42.88 1.96 0.00	40.85 1.72 0.00	41.33 1.70 0.00	37.50 1.65 0.00	36.07 1.98 0.00	39.22 2.08 0.00	40.10 2.20 0.00	41.46 2.46 0.00	46.85 2.86 0.00	49.79 2.95 0.00	52.13 3.32 0.00	57.59 3.67 0.00	59.39 3.83 0.00	73.30 4.41 0.00	86.02 5.40 0.00	89.47 6.16 0.00	91.91 5.61 0.00	75.05 3.23 0.00	58.95 2.59 0.00	54.35 2.44 0.00	49.81 2.37 0.00
CH_MISC_IPPS 23765	49.37 2.79 0.00	44.45 2.60 0.00	44.33 2.43 0.00	43.12 2.21 0.00	41.12 1.99 0.00	41.61 1.98 0.00	37.75 1.90 0.00	36.30 2.21 0.00	39.44 2.30 0.00	40.25 2.35 0.00	41.62 2.61 0.00	46.98 2.99 0.00	50.02 3.19 0.00	52.33 3.52 0.00	57.91 3.99 0.00	59.73 4.17 0.00	73.79 4.89 0.00	86.91 6.29 0.00	90.13 6.83 0.00	92.60 6.30 0.00	75.63 3.80 0.00	59.34 2.98 0.00	54.66 2.75 0.00	50.09 2.65 0.00
CH_RES_BVR_FALLS 23983	46.25 -0.32 0.00	41.56 -0.29 0.00	41.61 -0.29 0.00	40.67 -0.24 0.00	38.93 -0.19 0.00	39.43 -0.20 0.00	35.67 -0.18 0.00	33.89 -0.20 0.00	36.99 -0.15 0.00	37.75 -0.15 0.00	38.81 -0.19 0.00	43.72 -0.26 0.00	46.56 -0.28 0.00	48.52 -0.29 0.00	53.49 -0.43 0.00	55.06 -0.50 0.00	68.27 -0.62 0.00	79.89 -0.73 0.00	82.47 -0.83 0.00	85.61 -0.69 0.00	71.32 -0.50 0.00	55.91 -0.45 0.00	51.60 -0.31 0.00	47.15 -0.28 0.00
CH_RES_NIAGARA 23895	39.25 -5.26 2.06	35.84 -4.98 1.04	36.31 -5.57 0.02	35.45 -5.44 0.02	34.59 -4.54 0.00	34.43 -5.19 0.01	31.33 -4.52 0.00	30.19 -3.89 0.01	32.46 -4.27 0.41	32.99 -4.89 0.02	33.77 -4.91 0.32	36.43 -5.67 1.89	39.46 -4.92 2.46	39.96 -5.56 3.29	44.67 -5.55 3.70	45.54 -5.61 4.41	46.64 -7.44 14.82	53.66 -8.38 18.57	57.19 -8.33 17.78	58.73 -8.98 18.60	57.79 -6.82 7.21	45.45 -6.26 4.65	42.97 -5.45 3.49	39.27 -5.08 3.09
CH_RES_SYRACUSE 23985	45.92 -0.65 0.00	41.14 -0.71 0.00	41.27 -0.63 0.00	40.30 -0.61 0.00	38.58 -0.55 0.00	39.07 -0.55 0.00	35.31 -0.54 0.00	33.68 -0.41 0.00	36.54 -0.60 0.00	37.29 -0.61 0.00	38.22 -0.78 0.00	43.20 -0.79 0.00	46.04 -0.80 0.00	47.98 -0.83 0.00	53.17 -0.75 0.00	54.84 -0.72 0.00	68.20 -0.69 0.00	80.22 -0.40 0.00	83.05 -0.25 0.00	86.05 -0.26 0.00	71.39 -0.43 0.00	55.97 -0.39 0.00	51.39 -0.52 0.00	46.87 -0.57 0.00
CLINTON_WT_PWR 323605	45.82 -0.75 0.00	41.18 -0.67 0.00	41.27 -0.63 0.00	40.43 -0.49 0.00	38.73 -0.39 0.00	39.23 -0.40 0.00	35.56 -0.29 0.00	33.68 -0.41 0.00	36.92 -0.22 0.00	37.60 -0.30 0.00	38.69 -0.31 0.00	43.50 -0.48 0.00	46.41 -0.42 0.00	48.27 -0.54 0.00	52.95 -0.97 0.00	54.34 -1.22 0.00	67.10 -1.79 0.00	78.36 -2.26 0.00	80.80 -2.50 0.00	84.06 -2.24 0.00	70.39 -1.44 0.00	55.17 -1.19 0.00	51.24 -0.68 0.00	46.87 -0.57 0.00
CLINTON___LFGE 323618	46.25 -0.32 0.00	41.61 -0.25 0.00	41.65 -0.25 0.00	40.88 -0.04 0.00	39.16 0.04 0.00	39.67 0.04 0.00	35.96 0.11 0.00	34.02 -0.07 0.00	37.33 0.19 0.00	37.94 0.04 0.00	39.04 0.04 0.00	43.86 -0.13 0.00	46.83 0.00 0.00	48.71 -0.10 0.00	53.22 -0.70 0.00	54.45 -1.11 0.00	66.89 -2.00 0.00	78.36 -2.26 0.00	80.80 -2.50 0.00	84.15 -2.15 0.00	70.53 -1.29 0.00	55.40 -0.96 0.00	51.86 -0.05 0.00	47.34 -0.09 0.00
COBBLENY_34_KV_TB1 80064	40.31 -4.14 2.11	36.73 -4.06 1.07	37.89 -3.98 0.03	37.04 -3.85 0.03	35.37 -3.76 0.00	35.93 -3.69 0.01	32.66 -3.19 0.00	31.35 -2.73 0.01	33.74 -2.90 0.51	35.03 -2.84 0.03	35.66 -3.00 0.34	38.79 -3.26 1.94	40.75 -3.56 2.53	41.75 -3.56 3.49	46.35 -3.77 3.80	47.70 -3.33 4.53	48.43 -3.65 16.81	59.19 -3.39 18.05	61.21 -3.08 19.01	64.63 -3.45 18.22	60.31 -4.09 7.42	48.47 -3.10 4.79	45.06 -3.27 3.59	41.04 -3.13 3.27
COFFEEN___115KV_TB3 355620	48.29 1.72 0.00	43.19 1.34 0.00	43.24 1.34 0.00	42.39 1.47 0.00	40.65 1.53 0.00	40.97 1.35 0.00	36.75 0.90 0.00	34.46 0.37 0.00	36.92 -0.22 0.00	37.64 -0.27 0.00	38.73 -0.27 0.00	43.81 -0.18 0.00	46.60 -0.23 0.00	48.27 -0.54 0.00	53.38 -0.54 0.00	54.95 -0.61 0.00	68.89 0.00 0.00	82.07 1.45 0.00	86.72 3.42 0.00	91.57 5.26 0.00	76.70 4.88 0.00	60.08 3.72 0.00	54.56 2.65 0.00	49.57 2.13 0.00
COLDSPRG_115KV_BK1 355956	41.03 -3.54 2.00	37.37 -3.47 1.01	38.44 -3.44 0.02	37.58 -3.31 0.02	35.84 -3.29 0.00	36.41 -3.21 0.01	33.12 -2.72 0.00	31.76 -2.32 0.01	34.81 -1.86 0.47	36.29 -1.59 0.02	36.81 -1.87 0.32	40.30 -1.85 1.84	42.14 -2.29 2.40	43.56 -1.95 3.29	47.96 -2.37 3.59	49.88 -1.39 4.29	51.94 -1.24 15.71	63.37 -0.32 16.93	65.73 0.25 17.82	69.19 0.00 17.11	62.86 -1.94 7.02	50.64 -1.18 4.53	46.60 -1.92 3.40	42.17 -2.18 3.08
COLONIE_LFGE___ 323577	48.62 2.05 0.00	43.69 1.84 0.00	43.70 1.80 0.00	42.63 1.72 0.00	40.69 1.57 0.00	41.21 1.59 0.00	37.21 1.36 0.00	35.49 1.40 0.00	38.40 1.26 0.00	39.15 1.25 0.00	40.29 1.29 0.00	45.48 1.50 0.00	48.29 1.45 0.00	50.47 1.66 0.00	55.81 1.89 0.00	57.67 2.11 0.00	71.72 2.83 0.00	84.33 3.71 0.00	87.63 4.33 0.00	90.45 4.14 0.00	74.77 2.95 0.00	58.84 2.48 0.00	54.09 2.18 0.00	49.38 1.95 0.00
COOPERNY_115KV_TB1 80082	48.01 1.44 0.00	43.28 1.42 0.00	43.11 1.22 0.00	42.06 1.15 0.00	40.14 1.02 0.00	40.62 0.99 0.00	36.78 0.93 0.00	35.25 1.16 0.00	38.33 1.19 0.00	39.23 1.33 0.00	40.53 1.52 0.00	45.75 1.76 0.00	48.66 1.83 0.00	50.81 2.00 0.00	56.08 2.16 0.00	57.84 2.28 0.00	71.44 2.55 0.00	83.76 3.14 0.00	86.97 3.67 0.00	89.58 3.28 0.00	73.62 1.80 0.00	57.82 1.47 0.00	53.31 1.40 0.00	48.81 1.38 0.00
COPENHAGEN_WT_PWR 323753	47.83 1.26 0.00	42.77 0.92 0.00	42.86 0.96 0.00	41.98 1.06 0.00	40.18 1.06 0.00	40.54 0.91 0.00	36.42 0.57 0.00	34.23 0.14 0.00	36.77 -0.37 0.00	37.49 -0.42 0.00	38.58 -0.43 0.00	43.63 -0.35 0.00	46.41 -0.42 0.00	48.13 -0.68 0.00	53.22 -0.70 0.00	54.73 -0.83 0.00	68.55 -0.34 0.00	81.51 0.89 0.00	85.80 2.50 0.00	90.36 4.06 0.00	75.63 3.80 0.00	59.23 2.87 0.00	53.93 2.02 0.00	49.05 1.61 0.00
CORNELL_____ 23752	46.97 0.28 -0.12	42.01 0.08 -0.07	42.04 0.13 -0.01	41.09 0.16 -0.01	39.28 0.16 0.00	39.79 0.16 -0.01	35.92 0.07 0.00	34.23 0.14 -0.01	37.25 -0.11 -0.22	37.72 -0.19 -0.01	38.64 -0.39 -0.03	43.77 -0.35 -0.13	46.61 -0.37 -0.15	48.96 -0.34 -0.49	53.88 -0.27 -0.22	55.84 0.00 -0.28	74.26 0.41 -4.95	87.38 1.13 -5.63	90.35 2.00 -5.05	93.63 2.24 -5.08	73.87 1.58 -0.47	57.88 1.18 -0.33	52.91 0.78 -0.21	48.43 0.57 -0.42

CORONA__69_KV_TB1 355595	54.35 3.77 -4.01	45.47 3.60 -0.02	44.75 2.85 0.00	43.41 2.50 0.00	41.28 2.15 0.00	41.53 1.90 0.00	37.79 1.94 0.00	36.68 2.59 0.00	40.34 3.16 -0.04	51.87 3.37 -10.60	52.72 3.67 -10.05	54.04 4.18 -5.87	61.90 4.36 -10.71	64.56 4.73 -11.02	105.09 5.28 -45.88	98.73 5.44 -37.72	115.16 6.20 -40.07	102.64 7.42 -14.61	91.93 8.25 -0.38	93.64 7.34 0.00	75.19 3.38 0.01	59.06 2.71 0.01	54.40 2.49 0.01	50.52 3.08 0.00
CORTLAND__115KV_TB3 80093	46.38 -0.05 0.14	41.62 -0.17 0.07	41.82 -0.08 0.00	40.88 -0.04 0.00	39.05 -0.08 0.00	39.59 -0.04 0.00	35.71 -0.14 0.00	34.06 -0.03 0.00	36.99 -0.22 -0.08	37.64 -0.27 0.00	38.60 -0.39 0.02	43.47 -0.40 0.12	46.29 -0.37 0.17	48.35 -0.39 0.07	53.35 -0.32 0.25	55.10 -0.17 0.29	70.11 0.07 -1.14	82.36 0.56 -1.18	85.30 1.08 -0.91	88.39 1.21 -0.88	72.07 0.72 0.47	56.58 0.51 0.29	51.94 0.26 0.23	47.49 0.14 0.08
COXSACKIE__GT 23611	49.69 3.12 0.00	44.45 2.60 0.00	44.45 2.56 0.00	43.37 2.45 0.00	41.35 2.23 0.00	41.88 2.26 0.00	37.82 1.97 0.00	35.90 1.81 0.00	38.59 1.45 0.00	39.11 1.21 0.00	40.14 1.13 0.00	45.35 1.37 0.00	48.19 1.36 0.00	50.52 1.71 0.00	56.08 2.16 0.00	58.06 2.50 0.00	72.68 3.79 0.00	86.34 5.72 0.00	90.55 7.24 0.00	93.90 7.60 0.00	77.43 5.61 0.00	60.64 4.28 0.00	55.60 3.69 0.00	50.61 3.18 0.00
CPV_VALLEY__CC1 323721	48.30 1.72 0.00	43.53 1.68 0.00	43.45 1.55 0.00	42.35 1.43 0.00	40.38 1.25 0.00	40.86 1.23 0.00	37.03 1.18 0.00	35.59 1.50 0.00	38.66 1.52 0.00	39.53 1.63 0.00	40.88 1.87 0.00	46.10 2.11 0.00	49.08 2.25 0.00	51.20 2.39 0.00	56.51 2.59 0.00	58.28 2.72 0.00	71.92 3.03 0.00	84.57 3.95 0.00	87.63 4.33 0.00	90.01 3.71 0.00	73.76 1.94 0.00	57.93 1.58 0.00	53.42 1.51 0.00	49.00 1.56 0.00
CPV_VALLEY__CC2 323722	48.30 1.72 0.00	43.53 1.68 0.00	43.45 1.55 0.00	42.35 1.43 0.00	40.38 1.25 0.00	40.86 1.23 0.00	37.03 1.18 0.00	35.59 1.50 0.00	38.66 1.52 0.00	39.53 1.63 0.00	40.88 1.87 0.00	46.10 2.11 0.00	49.08 2.25 0.00	51.20 2.39 0.00	56.51 2.59 0.00	58.28 2.72 0.00	71.92 3.03 0.00	84.57 3.95 0.00	87.63 4.33 0.00	90.01 3.71 0.00	73.76 1.94 0.00	57.93 1.58 0.00	53.42 1.51 0.00	49.00 1.56 0.00
CRESCENT__HYD 24018	48.62 2.05 0.00	43.69 1.84 0.00	43.70 1.80 0.00	42.63 1.72 0.00	40.69 1.57 0.00	41.21 1.59 0.00	37.21 1.36 0.00	35.49 1.40 0.00	38.40 1.26 0.00	39.15 1.25 0.00	40.29 1.29 0.00	45.48 1.50 0.00	48.29 1.45 0.00	50.47 1.66 0.00	55.81 1.89 0.00	57.67 2.11 0.00	71.72 2.83 0.00	84.33 3.71 0.00	87.63 4.33 0.00	90.45 4.14 0.00	74.77 2.95 0.00	58.84 2.48 0.00	54.09 2.18 0.00	49.38 1.95 0.00
CRICKET__VALLEY_CC1 323756	48.76 2.19 0.00	43.95 2.09 0.00	43.83 1.93 0.00	42.67 1.76 0.00	40.69 1.57 0.00	41.13 1.51 0.00	37.32 1.47 0.00	35.93 1.84 0.00	39.03 1.89 0.00	39.91 2.01 0.00	41.27 2.26 0.00	46.54 2.55 0.00	49.55 2.72 0.00	51.74 2.93 0.00	57.10 3.18 0.00	58.84 3.28 0.00	72.61 3.72 0.00	85.37 4.76 0.00	88.38 5.08 0.00	90.70 4.40 0.00	74.12 2.30 0.00	58.28 1.92 0.00	53.78 1.87 0.00	49.38 1.95 0.00
CRICKET__VALLEY_CC2 323757	48.76 2.19 0.00	43.95 2.09 0.00	43.83 1.93 0.00	42.67 1.76 0.00	40.69 1.57 0.00	41.13 1.51 0.00	37.32 1.47 0.00	35.93 1.84 0.00	39.03 1.89 0.00	39.91 2.01 0.00	41.27 2.26 0.00	46.54 2.55 0.00	49.55 2.72 0.00	51.74 2.93 0.00	57.10 3.18 0.00	58.84 3.28 0.00	72.61 3.72 0.00	85.37 4.76 0.00	88.38 5.08 0.00	90.70 4.40 0.00	74.12 2.30 0.00	58.28 1.92 0.00	53.78 1.87 0.00	49.38 1.95 0.00
CRICKET__VALLEY_CC3 323758	48.76 2.19 0.00	43.95 2.09 0.00	43.83 1.93 0.00	42.67 1.76 0.00	40.69 1.57 0.00	41.13 1.51 0.00	37.32 1.47 0.00	35.93 1.84 0.00	39.03 1.89 0.00	39.91 2.01 0.00	41.27 2.26 0.00	46.54 2.55 0.00	49.55 2.72 0.00	51.74 2.93 0.00	57.10 3.18 0.00	58.84 3.28 0.00	72.61 3.72 0.00	85.37 4.76 0.00	88.38 5.08 0.00	90.70 4.40 0.00	74.12 2.30 0.00	58.28 1.92 0.00	53.78 1.87 0.00	49.38 1.95 0.00
CRUCIBLE__METL_DRP 24180	45.92 -0.65 0.00	41.14 -0.71 0.00	41.35 -0.54 0.00	40.43 -0.49 0.00	38.62 -0.51 0.00	39.15 -0.48 0.00	35.38 -0.47 0.00	33.75 -0.34 0.00	36.58 -0.56 0.00	37.29 -0.61 0.00	38.26 -0.74 0.00	43.19 -0.79 0.00	46.09 -0.75 0.00	47.98 -0.83 0.00	53.11 -0.81 0.00	54.84 -0.72 0.00	68.20 -0.69 0.00	80.13 -0.48 0.00	83.05 -0.25 0.00	86.04 -0.26 0.00	71.46 -0.36 0.00	55.96 -0.39 0.00	51.39 -0.52 0.00	46.86 -0.57 0.00
DAHOWA__HYDRO 323763	49.18 2.61 0.00	44.24 2.38 0.00	44.16 2.26 0.00	43.04 2.13 0.00	41.04 1.92 0.00	41.57 1.94 0.00	37.50 1.65 0.00	35.63 1.54 0.00	38.33 1.19 0.00	38.96 1.06 0.00	39.86 0.86 0.00	45.13 1.14 0.00	47.72 0.89 0.00	49.84 1.03 0.00	55.22 1.29 0.00	57.17 1.61 0.00	71.85 2.96 0.00	84.73 4.11 0.00	88.71 5.41 0.00	91.91 5.61 0.00	76.13 4.31 0.00	59.97 3.61 0.00	54.92 3.01 0.00	49.99 2.56 0.00
DANC__LFGE 323619	47.17 0.33 -0.28	42.12 0.13 -0.14	42.07 0.17 0.00	41.16 0.25 0.00	39.44 0.31 0.00	39.82 0.20 0.00	35.85 0.00 0.00	33.89 -0.20 0.00	36.51 -0.63 0.00	37.22 -0.68 0.00	38.30 -0.74 -0.04	43.49 -0.75 -0.25	46.37 -0.80 -0.33	48.14 -1.03 -0.36	53.39 -1.03 -0.49	55.09 -1.06 -0.59	68.97 -0.82 -0.90	81.75 -0.08 -1.22	85.68 1.08 -1.30	89.67 1.99 -1.38	74.72 1.94 -0.96	58.38 1.41 -0.61	53.21 0.83 -0.47	48.35 0.57 -0.35
DANSKAMMER__1 23586	49.37 2.79 0.00	44.45 2.60 0.00	44.33 2.43 0.00	43.12 2.21 0.00	41.12 1.99 0.00	41.61 1.98 0.00	37.75 1.90 0.00	36.30 2.21 0.00	39.44 2.30 0.00	40.25 2.35 0.00	41.62 2.61 0.00	46.98 2.99 0.00	50.02 3.19 0.00	52.33 3.52 0.00	57.91 3.99 0.00	59.73 4.17 0.00	73.79 4.89 0.00	86.91 6.29 0.00	90.13 6.83 0.00	92.60 6.30 0.00	75.63 3.80 0.00	59.34 2.98 0.00	54.66 2.75 0.00	50.09 2.65 0.00
DANSKAMMER__2 23589	49.37 2.79 0.00	44.45 2.60 0.00	44.33 2.43 0.00	43.12 2.21 0.00	41.12 1.99 0.00	41.61 1.98 0.00	37.75 1.90 0.00	36.30 2.21 0.00	39.44 2.30 0.00	40.25 2.35 0.00	41.62 2.61 0.00	46.98 2.99 0.00	50.02 3.19 0.00	52.33 3.52 0.00	57.91 3.99 0.00	59.73 4.17 0.00	73.79 4.89 0.00	86.91 6.29 0.00	90.13 6.83 0.00	92.60 6.30 0.00	75.63 3.80 0.00	59.34 2.98 0.00	54.66 2.75 0.00	50.09 2.65 0.00
DANSKAMMER__3 23590	49.37 2.79 0.00	44.45 2.60 0.00	44.33 2.43 0.00	43.12 2.21 0.00	41.12 1.99 0.00	41.61 1.98 0.00	37.75 1.90 0.00	36.30 2.21 0.00	39.44 2.30 0.00	40.25 2.35 0.00	41.62 2.61 0.00	46.98 2.99 0.00	50.02 3.19 0.00	52.33 3.52 0.00	57.91 3.99 0.00	59.73 4.17 0.00	73.79 4.89 0.00	86.91 6.29 0.00	90.13 6.83 0.00	92.60 6.30 0.00	75.63 3.80 0.00	59.34 2.98 0.00	54.66 2.75 0.00	50.09 2.65 0.00

DANSKAMMER___4 23591	49.37 2.79 0.00	44.45 2.60 0.00	44.33 2.43 0.00	43.12 2.21 0.00	41.12 1.99 0.00	41.61 1.98 0.00	37.75 1.90 0.00	36.30 2.21 0.00	39.44 2.30 0.00	40.25 2.35 0.00	41.62 2.61 0.00	46.98 2.99 0.00	50.02 3.19 0.00	52.33 3.52 0.00	57.91 3.99 0.00	59.73 4.17 0.00	73.79 4.89 0.00	86.91 6.29 0.00	90.13 6.83 0.00	92.60 6.30 0.00	75.63 3.80 0.00	59.34 2.98 0.00	54.66 2.75 0.00	50.09 2.65 0.00
DANSKAMMER___DIESEL 23592	49.37 2.79 0.00	44.45 2.60 0.00	44.16 2.26 0.00	43.04 2.13 0.00	41.00 1.88 0.00	41.49 1.86 0.00	37.64 1.79 0.00	36.20 2.11 0.00	39.37 2.23 0.00	40.21 2.31 0.00	41.62 2.61 0.00	47.02 3.04 0.00	50.02 3.18 0.00	52.37 3.56 0.00	57.91 3.99 0.00	59.73 4.17 0.00	73.78 4.89 0.00	86.66 6.05 0.00	90.13 6.83 0.00	92.60 6.30 0.00	75.63 3.81 0.00	59.35 2.99 0.00	54.66 2.75 0.00	50.09 2.66 0.00
DARBY___SOLAR 323810	49.04 2.47 0.00	44.07 2.22 0.00	44.03 2.14 0.00	42.92 2.00 0.00	40.92 1.80 0.00	41.45 1.82 0.00	37.39 1.54 0.00	35.55 1.46 0.00	38.29 1.15 0.00	38.93 1.02 0.00	39.86 0.86 0.00	45.09 1.10 0.00	47.72 0.89 0.00	49.84 1.03 0.00	55.22 1.29 0.00	57.17 1.61 0.00	71.72 2.83 0.00	84.57 3.95 0.00	88.38 5.08 0.00	91.57 5.27 0.00	75.84 4.02 0.00	59.68 3.32 0.00	54.71 2.80 0.00	49.80 2.37 0.00
DASHVILLE___HYD 23610	48.99 2.42 0.00	44.07 2.22 0.00	43.83 1.93 0.00	42.72 1.80 0.00	40.73 1.60 0.00	41.17 1.55 0.00	37.32 1.47 0.00	35.83 1.74 0.00	38.92 1.78 0.00	39.76 1.86 0.00	41.11 2.11 0.00	46.45 2.46 0.00	49.41 2.58 0.00	51.74 2.93 0.00	57.21 3.29 0.00	59.01 3.44 0.00	72.89 4.00 0.00	85.62 5.00 0.00	89.13 5.83 0.00	91.57 5.26 0.00	74.84 3.02 0.00	58.78 2.42 0.00	54.25 2.34 0.00	49.66 2.23 0.00
DELAWARE___LFGE 323621	47.69 1.12 0.00	42.86 1.00 0.00	42.86 0.96 0.00	41.90 0.98 0.00	40.02 0.90 0.00	40.54 0.91 0.00	36.53 0.68 0.00	34.81 0.72 0.00	37.77 0.63 0.00	38.58 0.68 0.00	39.75 0.74 0.00	44.91 0.92 0.00	47.77 0.94 0.00	49.84 1.02 0.00	55.11 1.19 0.00	56.90 1.33 0.00	70.57 1.65 -0.02	82.86 2.18 -0.07	86.17 2.83 -0.04	89.13 2.76 -0.06	73.62 1.80 0.00	57.83 1.47 0.00	53.16 1.25 0.00	48.57 1.14 0.00
DERFIELD_115KV_TB7 355931	46.76 0.19 0.00	42.02 0.17 0.00	42.07 0.17 0.00	41.08 0.16 0.00	39.28 0.16 0.00	39.78 0.16 0.00	35.96 0.11 0.00	34.23 0.14 0.00	37.21 0.07 0.00	37.98 0.08 0.00	39.08 0.08 0.00	44.07 0.09 0.00	46.93 0.09 0.00	48.91 0.10 0.00	54.08 0.16 0.00	55.73 0.17 0.00	69.10 0.21 0.00	80.94 0.32 0.00	83.80 0.50 0.00	86.74 0.43 0.00	72.04 0.22 0.00	56.58 0.23 0.00	52.07 0.16 0.00	47.58 0.14 0.00
DOGLEVILLE___HYD 23807	47.50 0.93 0.00	42.73 0.88 0.00	42.86 0.96 0.00	41.94 1.02 0.00	40.10 0.98 0.00	40.66 1.03 0.00	36.78 0.93 0.00	35.04 0.95 0.00	38.07 0.93 0.00	38.89 0.99 0.00	40.02 1.01 0.00	45.09 1.10 0.00	47.91 1.08 0.00	49.88 1.07 0.00	55.06 1.13 0.00	56.78 1.22 0.00	70.34 1.45 0.00	82.55 1.93 0.00	85.80 2.50 0.00	89.07 2.76 0.00	74.19 2.37 0.00	58.28 1.92 0.00	53.73 1.82 0.00	49.09 1.66 0.00
DUNKIRK__115KV_TB_200 55889	40.41 -4.01 2.15	36.83 -3.93 1.09	37.98 -3.90 0.03	37.17 -3.72 0.03	35.49 -3.64 0.00	36.05 -3.57 0.01	32.80 -3.05 0.00	31.45 -2.62 0.01	33.75 -2.86 0.53	35.18 -2.69 0.03	35.81 -2.85 0.34	38.89 -3.12 1.98	40.93 -3.33 2.58	41.87 -3.37 3.57	46.55 -3.50 3.87	47.89 -3.06 4.61	48.25 -3.31 17.34	58.75 -2.98 18.88	61.08 -2.58 19.64	64.46 -2.85 18.99	60.82 -3.45 7.55	48.55 -2.93 4.88	44.89 -3.37 3.65	40.63 -3.46 3.34
DUNKIRK___1 23563	40.41 -4.01 2.15	36.83 -3.93 1.09	37.98 -3.90 0.03	37.17 -3.72 0.03	35.49 -3.64 0.00	36.05 -3.57 0.01	32.80 -3.05 0.00	31.45 -2.62 0.01	33.75 -2.86 0.53	35.18 -2.69 0.03	35.81 -2.85 0.34	38.89 -3.12 1.98	40.93 -3.33 2.58	41.87 -3.37 3.57	46.55 -3.50 3.87	47.89 -3.06 4.61	48.25 -3.31 17.34	58.75 -2.98 18.88	61.08 -2.58 19.64	64.46 -2.85 18.99	60.82 -3.45 7.55	48.55 -2.93 4.88	44.89 -3.37 3.65	40.63 -3.46 3.34
DUNKIRK___2 23564	40.41 -4.01 2.15	36.83 -3.93 1.09	37.98 -3.90 0.03	37.17 -3.72 0.03	35.49 -3.64 0.00	36.05 -3.57 0.01	32.80 -3.05 0.00	31.45 -2.62 0.01	33.75 -2.86 0.53	35.18 -2.69 0.03	35.81 -2.85 0.34	38.89 -3.12 1.98	40.93 -3.33 2.58	41.87 -3.37 3.57	46.55 -3.50 3.87	47.89 -3.06 4.61	48.25 -3.31 17.34	58.75 -2.98 18.88	61.08 -2.58 19.64	64.46 -2.85 18.99	60.82 -3.45 7.55	48.55 -2.93 4.88	44.89 -3.37 3.65	40.63 -3.46 3.34
DUNKIRK___3 23565	40.25 -4.14 2.17	36.69 -4.06 1.10	37.89 -3.98 0.03	37.04 -3.85 0.03	35.37 -3.76 0.00	35.93 -3.69 0.01	32.66 -3.19 0.00	31.35 -2.73 0.01	33.67 -2.93 0.54	35.07 -2.80 0.03	35.69 -2.96 0.35	38.73 -3.26 2.00	40.77 -3.47 2.60	41.68 -3.51 3.61	46.35 -3.67 3.90	47.68 -3.22 4.66	47.70 -3.58 17.61	58.03 -3.31 19.28	60.34 -3.00 19.96	63.66 -3.28 19.37	60.32 -3.88 7.63	48.27 -3.16 4.93	44.75 -3.48 3.69	40.59 -3.46 3.38
DUNKIRK___4 23566	40.25 -4.14 2.17	36.69 -4.06 1.10	37.89 -3.98 0.03	37.04 -3.85 0.03	35.37 -3.76 0.00	35.93 -3.69 0.01	32.66 -3.19 0.00	31.35 -2.73 0.01	33.67 -2.93 0.54	35.07 -2.80 0.03	35.69 -2.96 0.35	38.73 -3.26 2.00	40.77 -3.47 2.60	41.68 -3.51 3.61	46.35 -3.67 3.90	47.68 -3.22 4.66	47.70 -3.58 17.61	58.03 -3.31 19.28	60.34 -3.00 19.96	63.66 -3.28 19.37	60.32 -3.88 7.63	48.27 -3.16 4.93	44.75 -3.48 3.69	40.59 -3.46 3.38
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	49.51 2.93 0.00	44.66 2.80 0.00	44.29 2.39 0.00	43.13 2.21 0.00	41.08 1.96 0.00	41.53 1.90 0.00	37.71 1.86 0.00	36.41 2.32 0.00	39.67 2.53 0.00	40.59 2.69 0.00	42.05 3.04 0.00	47.46 3.47 0.00	50.44 3.61 0.00	52.71 3.90 0.00	58.24 4.31 0.00	60.01 4.44 0.00	73.92 5.03 0.00	86.66 6.05 0.00	89.97 6.66 0.00	92.34 6.04 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.56 2.65 0.00	50.09 2.66 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	48.99 2.42 0.00	44.12 2.26 0.00	43.83 1.93 0.00	42.76 1.84 0.00	40.77 1.64 0.00	41.21 1.59 0.00	37.39 1.54 0.00	35.96 1.87 0.00	39.11 1.97 0.00	39.99 2.08 0.00	41.38 2.38 0.00	46.71 2.73 0.00	49.69 2.86 0.00	51.98 3.17 0.00	57.43 3.50 0.00	59.23 3.67 0.00	73.16 4.27 0.00	85.86 5.24 0.00	89.22 5.91 0.00	91.74 5.44 0.00	74.98 3.16 0.00	58.84 2.48 0.00	54.25 2.34 0.00	49.71 2.28 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	49.93 3.35 -0.01	45.09 3.22 -0.01	44.66 2.77 0.00	43.45 2.54 0.00	41.31 2.19 0.00	41.49 1.86 0.00	37.71 1.86 0.00	36.54 2.45 0.00	39.78 2.64 0.00	40.78 2.88 0.00	42.32 3.32 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	53.02 4.20 -0.01	58.62 4.69 -0.01	60.45 4.89 0.00	74.13 5.24 0.00	86.83 6.21 0.00	89.63 6.33 0.00	91.83 5.52 0.00	74.69 2.87 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.37 2.94 0.00

E179THST_13_KV_LOAD 356214	50.21 3.63 -0.01	45.34 3.47 -0.01	44.87 2.97 0.00	43.70 2.78 0.00	41.51 2.39 0.00	41.69 2.06 0.00	37.93 2.08 0.00	36.75 2.66 0.00	40.00 2.86 0.00	40.97 3.07 0.00	42.55 3.55 0.00	48.09 4.09 -0.01	51.10 4.26 -0.01	53.36 4.54 -0.01	59.00 5.07 -0.01	60.84 5.28 0.00	74.61 5.72 0.00	87.39 6.77 0.00	90.30 7.00 0.00	92.52 6.21 0.00	75.20 3.38 0.00	59.40 3.04 0.00	55.08 3.17 0.00	50.66 3.23 0.00
EAST HAMPTON___GT 23717	55.33 4.75 -4.01	46.14 4.27 -0.02	45.29 3.39 0.00	43.74 2.82 0.00	41.71 2.58 0.00	41.92 2.30 0.00	38.07 2.22 0.00	37.22 3.13 0.00	41.56 4.38 -0.04	53.46 4.96 -10.60	54.55 5.50 -10.05	56.59 6.60 -6.01	65.73 7.02 -11.87	67.70 7.07 -11.82	122.15 7.77 -60.46	101.40 8.11 -37.73	123.58 9.85 -44.84	106.85 11.61 -14.62	95.34 11.66 -0.38	96.14 9.83 0.00	76.63 4.81 0.01	60.19 3.83 0.01	55.38 3.48 0.01	51.94 4.51 0.00
EAST RIVER___6 23660	49.88 3.31 0.00	45.00 3.14 0.00	44.79 2.89 0.00	43.54 2.62 0.00	41.43 2.31 0.00	41.84 2.22 0.00	38.04 2.19 0.00	36.85 2.76 0.00	40.04 2.90 0.00	40.93 3.03 0.00	42.32 3.31 0.00	47.78 3.78 -0.01	50.77 3.93 0.00	53.05 4.24 0.00	58.72 4.80 0.00	60.56 5.00 0.00	74.41 5.51 0.00	87.47 6.85 0.00	90.55 7.24 0.00	92.86 6.56 0.00	75.55 3.73 0.00	59.34 2.98 0.00	54.87 2.96 0.00	50.38 2.94 0.00
EAST RIVER___7 23524	49.88 3.31 0.00	45.00 3.14 0.00	44.79 2.89 0.00	43.54 2.62 0.00	41.43 2.31 0.00	41.84 2.22 0.00	38.04 2.19 0.00	36.85 2.76 0.00	40.04 2.90 0.00	40.93 3.03 0.00	42.32 3.31 0.00	47.78 3.78 -0.01	50.77 3.93 0.00	53.05 4.24 0.00	58.72 4.80 0.00	60.56 5.00 0.00	74.41 5.51 0.00	87.47 6.85 0.00	90.55 7.24 0.00	92.86 6.56 0.00	75.55 3.73 0.00	59.34 2.98 0.00	54.87 2.96 0.00	50.38 2.94 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	49.37 2.79 0.00	44.53 2.68 0.00	44.16 2.26 0.00	43.04 2.13 0.00	41.00 1.88 0.00	41.45 1.82 0.00	37.64 1.79 0.00	36.31 2.22 0.00	39.52 2.38 0.00	40.48 2.58 0.00	41.89 2.89 0.00	47.33 3.34 0.00	50.25 3.42 0.00	52.57 3.76 0.00	58.02 4.10 0.00	59.78 4.22 0.00	73.65 4.75 0.00	86.34 5.72 0.00	89.72 6.41 0.00	92.09 5.78 0.00	75.05 3.23 0.00	58.95 2.59 0.00	54.46 2.54 0.00	49.95 2.51 0.00
EAST_HAMPTON___DIESEL 23722	55.28 4.70 -4.01	46.06 4.19 -0.02	45.21 3.31 0.00	43.66 2.74 0.00	41.67 2.54 0.00	41.84 2.22 0.00	38.00 2.15 0.00	37.19 3.10 0.00	41.49 4.31 -0.04	53.46 4.96 -10.60	54.55 5.50 -10.05	56.59 6.60 -6.01	65.73 7.02 -11.87	67.70 7.07 -11.82	122.15 7.77 -60.46	101.40 8.11 -37.73	123.51 9.78 -44.84	106.76 11.53 -14.62	95.26 11.57 -0.38	96.05 9.75 0.00	76.55 4.74 0.01	60.07 3.72 0.01	55.33 3.43 0.01	51.89 4.46 0.00
EAST_POINT___SOLAR 323840	49.27 2.70 0.00	44.20 2.34 0.00	44.12 2.22 0.00	43.04 2.13 0.00	41.04 1.92 0.00	41.53 1.90 0.00	36.78 0.93 0.00	34.02 -0.07 0.00	36.47 -0.67 0.00	37.07 -0.83 0.00	38.03 -0.97 0.00	43.06 -0.93 0.00	45.67 -1.17 0.00	47.69 -1.12 0.00	52.84 -1.08 0.00	54.73 -0.83 0.00	68.69 -0.21 0.00	81.26 0.64 0.00	85.63 2.33 0.00	91.05 4.74 0.00	76.71 4.89 0.00	60.36 4.00 0.00	55.18 3.27 0.00	50.14 2.70 0.00
EAST_PULASKI___ESR 323781	46.78 -0.51 -0.72	41.63 -0.59 -0.36	41.40 -0.50 0.00	40.47 -0.45 0.00	38.73 -0.39 0.00	39.15 -0.47 0.00	35.35 -0.50 0.00	33.58 -0.51 0.00	36.32 -0.82 0.00	37.07 -0.83 0.00	38.14 -0.97 -0.11	43.57 -1.06 -0.64	46.61 -1.08 -0.85	48.53 -1.22 -0.94	54.02 -1.19 -1.28	55.87 -1.22 -1.53	69.99 -1.24 -2.33	82.98 -0.81 -3.16	86.43 -0.25 -3.38	89.97 0.09 -3.58	74.46 0.14 -2.49	57.94 0.00 -1.59	52.81 -0.31 -1.21	47.96 -0.38 -0.91
EAST_RIVER___1 323558	49.78 3.21 0.00	44.91 3.05 0.00	44.75 2.85 0.00	43.45 2.54 0.00	41.43 2.31 0.00	41.84 2.22 0.00	38.04 2.19 0.00	36.82 2.73 0.00	40.04 2.90 0.00	40.93 3.03 0.00	42.36 3.35 0.00	47.78 3.78 -0.01	50.77 3.93 0.00	53.01 4.20 0.00	58.61 4.69 0.00	60.39 4.83 0.00	74.20 5.31 0.00	87.31 6.69 0.00	90.30 7.00 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.23 2.87 0.00	54.77 2.85 0.00	50.28 2.85 0.00
EAST_RIVER___2 323559	49.88 3.31 0.00	45.00 3.14 0.00	44.79 2.89 0.00	43.54 2.62 0.00	41.43 2.31 0.00	41.84 2.22 0.00	38.04 2.19 0.00	36.85 2.76 0.00	40.04 2.90 0.00	40.93 3.03 0.00	42.32 3.31 0.00	47.78 3.78 -0.01	50.77 3.93 0.00	53.05 4.24 0.00	58.72 4.80 0.00	60.56 5.00 0.00	74.41 5.51 0.00	87.47 6.85 0.00	90.55 7.24 0.00	92.86 6.56 0.00	75.55 3.73 0.00	59.34 2.98 0.00	54.87 2.96 0.00	50.38 2.94 0.00
EAST___DELAWARE_HYD 23607	48.81 2.24 0.00	43.91 2.05 0.00	43.79 1.89 0.00	42.67 1.76 0.00	40.69 1.57 0.00	41.17 1.54 0.00	37.32 1.47 0.00	35.83 1.74 0.00	38.85 1.71 0.00	39.65 1.74 0.00	40.95 1.95 0.00	46.23 2.24 0.00	49.27 2.43 0.00	51.49 2.68 0.00	57.00 3.07 0.00	58.84 3.28 0.00	72.82 3.92 0.00	85.94 5.32 0.00	89.22 5.92 0.00	91.83 5.53 0.00	75.20 3.38 0.00	58.95 2.59 0.00	54.25 2.34 0.00	49.66 2.23 0.00
EIGHT_POINT___WT_PWR 323820	47.15 -2.33 -2.91	40.94 -2.43 -1.52	39.57 -2.43 -0.10	38.68 -2.33 -0.10	36.97 -2.15 0.00	37.57 -2.10 -0.05	33.95 -1.90 0.00	32.43 -1.70 -0.05	37.11 -2.01 -1.98	35.92 -2.08 -0.10	37.22 -2.30 -0.52	44.42 -2.38 -2.81	47.95 -2.39 -3.50	53.14 -2.39 -6.72	56.84 -2.32 -5.23	59.94 -1.95 -6.32	116.89 -1.86 -49.86	137.05 -1.05 -57.48	136.29 -0.25 -53.24	140.30 0.26 -53.74	81.98 -0.29 -10.44	63.06 -0.28 -6.98	55.90 -0.99 -4.97	52.16 -1.33 -6.06
ELBRIDGE_115KV_TB2 80188	45.64 -0.93 0.00	40.89 -0.96 0.00	41.10 -0.80 0.00	40.14 -0.78 0.00	38.38 -0.74 0.00	38.91 -0.71 0.00	35.17 -0.68 0.00	33.54 -0.55 0.00	36.32 -0.82 0.00	37.03 -0.87 0.00	38.03 -0.98 0.00	42.93 -1.06 0.00	45.76 -1.08 0.00	47.64 -1.17 0.00	52.79 -1.13 0.00	54.51 -1.06 0.00	67.72 -1.17 0.00	79.65 -0.97 0.00	82.55 -0.75 0.00	85.53 -0.78 0.00	71.03 -0.79 0.00	55.63 -0.73 0.00	51.08 -0.83 0.00	46.58 -0.85 0.00
ELEC_TRO_TEK 24086	54.12 3.54 -4.01	45.26 3.39 -0.02	44.54 2.64 0.00	43.21 2.29 0.00	41.08 1.96 0.00	41.33 1.70 0.00	37.61 1.76 0.00	36.54 2.45 0.00	40.22 3.05 -0.04	51.72 3.22 -10.60	52.52 3.47 -10.05	53.82 3.96 -5.87	61.62 4.07 -10.71	64.22 4.39 -11.02	104.71 4.91 -45.88	98.34 5.06 -37.72	114.68 5.72 -40.07	102.08 6.85 -14.61	91.35 7.66 -0.38	92.95 6.65 0.00	74.54 2.73 0.01	58.55 2.20 0.01	53.93 2.02 0.01	50.18 2.75 0.00
ELLENBURG_WT_PWR 323604	45.82 -0.75 0.00	41.18 -0.67 0.00	41.27 -0.63 0.00	40.43 -0.49 0.00	38.73 -0.39 0.00	39.23 -0.40 0.00	35.56 -0.29 0.00	33.68 -0.41 0.00	36.92 -0.22 0.00	37.60 -0.30 0.00	38.69 -0.31 0.00	43.50 -0.48 0.00	46.41 -0.42 0.00	48.27 -0.54 0.00	52.95 -0.97 0.00	54.34 -1.22 0.00	67.10 -1.79 0.00	78.36 -2.26 0.00	80.80 -2.50 0.00	84.06 -2.24 0.00	70.39 -1.44 0.00	55.17 -1.19 0.00	51.24 -0.68 0.00	46.87 -0.57 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.73 -4.61 2.23	36.29 -4.44 1.13	37.51 -4.36 0.03	36.67 -4.21 0.03	35.02 -4.11 0.00	35.57 -4.04 0.01	32.34 -3.51 0.00	31.08 -3.00 0.01	33.18 -3.42 0.54	34.43 -3.45 0.03	35.06 -3.59 0.36	37.93 -4.00 2.05	40.05 -4.12 2.67	40.74 -4.39 3.68	45.50 -4.42 4.00	46.56 -4.22 4.77	46.29 -4.89 17.71	56.28 -5.00 19.34	58.46 -4.75 20.09	61.65 -5.18 19.48	58.91 -5.10 7.81	47.14 -4.17 5.04	43.98 -4.15 3.78	40.05 -3.94 3.44
EMPIRE_CC_1 323656	48.34 1.77 0.00	43.45 1.59 0.00	43.49 1.59 0.00	42.47 1.55 0.00	40.53 1.41 0.00	41.05 1.42 0.00	37.10 1.25 0.00	35.38 1.30 0.00	38.36 1.22 0.00	39.11 1.21 0.00	40.33 1.33 0.00	45.44 1.45 0.00	48.33 1.50 0.00	50.47 1.66 0.00	55.81 1.89 0.00	57.62 2.06 0.00	71.51 2.62 0.00	83.92 3.31 0.00	87.05 3.75 0.00	89.76 3.46 0.00	74.19 2.37 0.00	58.45 2.09 0.00	53.73 1.82 0.00	49.09 1.66 0.00
EMPIRE_CC_2 323658	48.34 1.77 0.00	43.45 1.59 0.00	43.49 1.59 0.00	42.47 1.55 0.00	40.53 1.41 0.00	41.05 1.42 0.00	37.10 1.25 0.00	35.38 1.30 0.00	38.36 1.22 0.00	39.11 1.21 0.00	40.33 1.33 0.00	45.44 1.45 0.00	48.33 1.50 0.00	50.47 1.66 0.00	55.81 1.89 0.00	57.62 2.06 0.00	71.51 2.62 0.00	83.92 3.31 0.00	87.05 3.75 0.00	89.76 3.46 0.00	74.19 2.37 0.00	58.45 2.09 0.00	53.73 1.82 0.00	49.09 1.66 0.00
ENORWICH_115KV_TB1 80156	48.38 1.86 0.05	43.34 1.51 0.02	43.41 1.51 -0.01	42.52 1.60 -0.01	40.69 1.56 0.00	41.21 1.59 0.00	36.92 1.08 0.00	35.08 0.99 0.00	37.70 0.45 -0.11	38.17 0.27 -0.01	39.08 0.08 0.00	44.12 0.18 0.04	46.96 0.19 0.06	49.05 0.15 -0.09	54.15 0.32 0.10	56.23 0.78 0.11	72.68 1.65 -2.13	86.29 3.31 -2.37	90.41 5.08 -2.02	94.37 6.04 -2.02	76.53 4.88 0.17	59.99 3.72 0.09	54.63 2.80 0.09	49.82 2.32 -0.07
ERIE_ST__34_KV_TB1-2 80199	40.27 -4.19 2.11	36.73 -4.06 1.07	37.93 -3.94 0.02	37.09 -3.81 0.02	35.29 -3.83 0.00	35.89 -3.72 0.01	32.62 -3.23 0.00	31.32 -2.76 0.01	34.30 -2.34 0.50	35.64 -2.24 0.02	36.17 -2.50 0.34	39.51 -2.55 1.93	41.12 -3.18 2.53	42.50 -2.83 3.48	46.84 -3.29 3.80	48.58 -2.44 4.53	49.80 -2.48 16.61	63.69 -2.02 14.91	63.52 -1.75 18.03	68.75 -2.07 15.48	60.67 -3.73 7.42	49.34 -2.25 4.76	45.83 -2.49 3.59	41.71 -2.47 3.26
ERIE_WT_PWR 323693	40.00 -4.38 2.20	36.56 -4.19 1.11	37.68 -4.19 0.03	36.80 -4.09 0.03	35.25 -3.87 0.00	35.69 -3.92 0.01	32.41 -3.44 0.00	31.18 -2.90 0.01	33.60 -3.01 0.54	34.84 -3.03 0.03	35.38 -3.28 0.35	38.45 -3.52 2.02	40.37 -3.84 2.63	41.31 -3.86 3.64	46.04 -3.93 3.94	47.13 -3.72 4.71	47.02 -4.20 17.66	57.60 -4.03 18.99	59.60 -3.75 19.95	62.94 -4.23 19.14	59.52 -4.60 7.71	47.89 -3.49 4.98	44.55 -3.64 3.73	40.52 -3.51 3.41
ESPRGFLD_115KV_TB1 80157	48.01 1.44 0.00	43.07 1.21 0.00	43.03 1.13 0.00	42.06 1.15 0.00	40.14 1.02 0.00	40.70 1.07 0.00	36.49 0.65 0.00	34.43 0.34 0.00	37.10 -0.04 0.00	37.83 -0.08 0.00	38.89 -0.12 0.00	43.99 0.00 0.00	46.79 -0.05 0.00	48.81 0.00 0.00	53.98 0.05 0.00	55.84 0.28 0.00	69.65 0.76 0.00	82.15 1.53 0.00	86.05 2.75 0.00	89.84 3.54 0.00	74.69 2.87 0.00	58.67 2.31 0.00	53.73 1.82 0.00	48.90 1.47 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.83 0.19 -0.07	41.90 0.00 -0.04	41.99 0.08 -0.01	41.05 0.12 -0.01	39.20 0.08 0.00	39.75 0.12 0.00	35.89 0.04 0.00	34.20 0.10 0.00	37.18 -0.15 -0.19	37.68 -0.23 -0.01	38.63 -0.39 -0.02	43.68 -0.40 -0.09	46.55 -0.37 -0.09	48.79 -0.39 -0.37	53.73 -0.32 -0.13	55.67 -0.06 -0.17	73.22 0.28 -4.05	86.17 0.97 -4.59	89.14 1.75 -4.09	92.48 2.07 -4.11	73.47 1.36 -0.29	57.59 1.01 -0.22	52.67 0.62 -0.13	48.22 0.47 -0.32
ETNA____115KV_TB2 80207	46.83 0.19 -0.07	41.90 0.00 -0.04	41.99 0.08 -0.01	41.05 0.12 -0.01	39.20 0.08 0.00	39.75 0.12 0.00	35.89 0.04 0.00	34.20 0.10 0.00	37.18 -0.15 -0.19	37.68 -0.23 -0.01	38.63 -0.39 -0.02	43.68 -0.40 -0.09	46.55 -0.37 -0.09	48.79 -0.39 -0.37	53.73 -0.32 -0.13	55.67 -0.06 -0.17	73.22 0.28 -4.05	86.17 0.97 -4.59	89.14 1.75 -4.09	92.48 2.07 -4.11	73.47 1.36 -0.29	57.59 1.01 -0.22	52.67 0.62 -0.13	48.22 0.47 -0.32
EUCLID__115KV_TB2 356179	44.70 -1.16 0.71	40.33 -1.17 0.35	40.93 -0.96 0.00	39.98 -0.94 0.00	38.22 -0.90 0.00	38.71 -0.91 0.00	34.99 -0.86 0.00	33.41 -0.68 0.00	36.21 -0.93 0.00	36.92 -0.99 0.00	37.77 -1.13 0.10	42.12 -1.23 0.63	44.77 -1.22 0.84	46.56 -1.32 0.93	51.31 -1.35 1.27	52.72 -1.33 1.51	65.07 -1.52 2.30	75.96 -1.53 3.13	78.63 -1.33 3.34	81.38 -1.38 3.54	67.99 -1.36 2.46	53.67 -1.13 1.57	49.52 -1.19 1.20	45.40 -1.14 0.90
E_CANADA_CAP_HY 24051	48.53 1.96 0.00	43.57 1.72 0.00	43.49 1.59 0.00	42.47 1.55 0.00	40.49 1.37 0.00	40.97 1.35 0.00	36.67 0.83 0.00	34.36 0.27 0.00	36.88 -0.26 0.00	37.45 -0.45 0.00	38.46 -0.55 0.00	43.50 -0.48 0.00	46.18 -0.66 0.00	48.23 -0.58 0.00	53.38 -0.54 0.00	55.28 -0.28 0.00	69.24 0.35 0.00	81.83 1.21 0.00	86.05 2.74 0.00	90.28 3.97 0.00	75.34 3.52 0.00	59.34 2.98 0.00	54.30 2.39 0.00	49.38 1.95 0.00
E_CANADA_MHWK_HY 24050	47.50 0.93 0.00	42.74 0.88 0.00	42.86 0.96 0.00	41.94 1.02 0.00	40.10 0.98 0.00	40.65 1.03 0.00	36.82 0.97 0.00	35.04 0.95 0.00	38.07 0.93 0.00	38.89 0.98 0.00	40.02 1.01 0.00	45.09 1.10 0.00	47.96 1.12 0.00	49.88 1.07 0.00	55.06 1.13 0.00	56.78 1.22 0.00	70.34 1.45 0.00	82.63 2.02 0.00	85.80 2.50 0.00	89.06 2.76 0.00	74.19 2.37 0.00	58.28 1.92 0.00	53.73 1.82 0.00	49.09 1.66 0.00
E_FISHKILL__LBMP 23776	48.99 2.42 0.00	44.16 2.30 0.00	43.87 1.97 0.00	42.76 1.84 0.00	40.73 1.60 0.00	41.21 1.59 0.00	37.39 1.54 0.00	36.00 1.91 0.00	39.15 2.01 0.00	40.06 2.16 0.00	41.46 2.46 0.00	46.80 2.82 0.00	49.74 2.90 0.00	51.98 3.17 0.00	57.43 3.50 0.00	59.12 3.56 0.00	72.89 4.00 0.00	85.45 4.84 0.00	88.80 5.50 0.00	91.22 4.92 0.00	74.48 2.66 0.00	58.56 2.20 0.00	54.04 2.13 0.00	49.57 2.13 0.00
FALCON__SEABRD_CC1 323796	46.20 -0.37 0.00	41.56 -0.29 0.00	41.61 -0.29 0.00	40.83 -0.08 0.00	39.12 0.00 0.00	39.63 0.00 0.00	35.92 0.07 0.00	34.02 -0.07 0.00	37.33 0.19 0.00	37.98 0.08 0.00	39.04 0.04 0.00	43.90 -0.09 0.00	46.88 0.05 0.00	48.76 -0.05 0.00	53.12 -0.81 0.00	54.17 -1.39 0.00	66.21 -2.69 0.00	77.39 -3.23 0.00	79.81 -3.50 0.00	83.11 -3.19 0.00	69.59 -2.23 0.00	54.89 -1.47 0.00	51.76 -0.16 0.00	47.29 -0.14 0.00
FALCON__SEABRD_CC2 323797	46.20 -0.37 0.00	41.56 -0.29 0.00	41.61 -0.29 0.00	40.83 -0.08 0.00	39.12 0.00 0.00	39.63 0.00 0.00	35.92 0.07 0.00	34.02 -0.07 0.00	37.33 0.19 0.00	37.98 0.08 0.00	39.04 0.04 0.00	43.90 -0.09 0.00	46.88 0.05 0.00	48.76 -0.05 0.00	53.12 -0.81 0.00	54.17 -1.39 0.00	66.21 -2.69 0.00	77.39 -3.23 0.00	79.81 -3.50 0.00	83.11 -3.19 0.00	69.59 -2.23 0.00	54.89 -1.47 0.00	51.76 -0.16 0.00	47.29 -0.14 0.00

FAR ROCKAWAY___4 23548	54.86 4.28 -4.01	45.89 4.02 -0.02	45.12 3.23 0.00	43.74 2.82 0.00	41.59 2.46 0.00	41.84 2.22 0.00	38.04 2.19 0.00	36.99 2.90 0.00	40.71 3.53 -0.04	52.29 3.79 -10.60	53.15 4.10 -10.05	54.57 4.71 -5.87	62.51 4.96 -10.71	65.15 5.32 -11.02	105.79 5.99 -45.88	99.50 6.22 -37.72	116.12 7.16 -40.07	103.77 8.55 -14.61	93.01 9.33 -0.38	94.67 8.37 0.00	75.91 4.09 0.01	59.57 3.21 0.01	54.87 2.96 0.01	50.94 3.51 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	49.78 3.21 0.00	44.95 3.10 0.00	44.50 2.60 0.00	43.37 2.45 0.00	41.28 2.15 0.00	41.69 2.06 0.00	37.89 2.04 0.00	36.68 2.59 0.00	39.93 2.79 0.00	40.93 3.03 0.00	42.36 3.35 0.00	47.86 3.87 -0.01	50.82 3.98 0.00	53.10 4.30 0.00	58.67 4.75 0.00	60.39 4.83 0.00	74.27 5.37 0.00	86.99 6.37 0.00	90.38 7.08 0.00	92.69 6.39 0.00	75.41 3.59 0.00	59.29 2.93 0.00	54.77 2.86 0.00	50.28 2.85 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	49.83 3.26 0.00	44.95 3.10 0.00	44.54 2.64 0.00	43.37 2.45 0.00	41.28 2.15 0.00	41.69 2.06 0.00	37.89 2.04 0.00	36.68 2.59 0.00	39.96 2.82 0.00	40.93 3.03 0.00	42.36 3.35 0.00	47.86 3.87 -0.01	50.82 3.98 0.00	53.10 4.30 0.00	58.72 4.80 0.00	60.45 4.89 0.00	74.27 5.37 0.00	87.07 6.45 0.00	90.38 7.08 0.00	92.69 6.39 0.00	75.41 3.59 0.00	59.29 2.93 0.00	54.82 2.91 0.00	50.33 2.89 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	49.78 3.21 0.00	44.91 3.06 0.00	44.50 2.60 0.00	43.33 2.41 0.00	41.24 2.11 0.00	41.65 2.02 0.00	37.89 2.04 0.00	36.65 2.56 0.00	39.93 2.79 0.00	40.90 2.99 0.00	42.32 3.32 0.00	47.82 3.83 -0.01	50.77 3.93 0.00	53.06 4.25 0.00	58.67 4.75 0.00	60.39 4.83 0.00	74.20 5.30 0.00	86.99 6.37 0.00	90.30 7.00 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.23 2.87 0.00	54.77 2.86 0.00	50.28 2.85 0.00
FARRAGUT___LBMP 323566	49.74 3.17 0.00	44.87 3.01 0.00	44.45 2.56 0.00	43.29 2.37 0.00	41.24 2.11 0.00	41.61 1.98 0.00	37.86 2.01 0.00	36.65 2.56 0.00	39.89 2.75 0.00	40.86 2.96 0.00	42.28 3.28 0.00	47.78 3.78 0.00	50.72 3.89 0.00	53.01 4.20 0.00	58.61 4.69 0.00	60.34 4.78 0.00	74.13 5.24 0.00	86.91 6.29 0.00	90.22 6.91 0.00	92.52 6.21 0.00	75.27 3.45 0.00	59.18 2.82 0.00	54.72 2.80 0.00	50.23 2.80 0.00
FARRCKWY_69_KV_BK2 55825	54.86 4.28 -4.01	45.89 4.02 -0.02	45.12 3.23 0.00	43.74 2.82 0.00	41.59 2.46 0.00	41.84 2.22 0.00	38.04 2.19 0.00	36.99 2.90 0.00	40.71 3.53 -0.04	52.29 3.79 -10.60	53.15 4.10 -10.05	54.57 4.71 -5.87	62.51 4.96 -10.71	65.15 5.32 -11.02	105.79 5.99 -45.88	99.50 6.22 -37.72	116.12 7.16 -40.07	103.77 8.55 -14.61	93.01 9.33 -0.38	94.67 8.37 0.00	75.91 4.09 0.01	59.57 3.21 0.01	54.87 2.96 0.01	50.94 3.51 0.00
FENNER___WINDPWR 24204	46.76 0.47 0.28	42.01 0.30 0.14	42.23 0.33 0.00	41.24 0.33 0.00	39.48 0.35 0.00	39.94 0.32 0.00	36.07 0.22 0.00	34.26 0.17 0.00	37.10 -0.04 0.00	37.83 -0.08 0.00	38.85 -0.12 0.04	43.69 -0.04 0.25	46.45 -0.05 0.33	48.34 -0.10 0.37	53.42 0.00 0.50	55.02 0.06 0.60	68.33 0.35 0.91	80.35 0.97 1.24	83.48 1.50 1.32	86.72 1.82 1.40	72.21 1.36 0.98	56.81 1.07 0.62	52.16 0.73 0.47	47.65 0.57 0.36
FIBERTEK___ENERGY 23856	45.92 -0.65 0.00	41.14 -0.71 0.00	41.35 -0.54 0.00	40.43 -0.49 0.00	38.62 -0.51 0.00	39.15 -0.48 0.00	35.38 -0.47 0.00	33.75 -0.34 0.00	36.58 -0.56 0.00	37.29 -0.61 0.00	38.26 -0.74 0.00	43.19 -0.79 0.00	46.09 -0.75 0.00	47.98 -0.83 0.00	53.11 -0.81 0.00	54.84 -0.72 0.00	68.20 -0.69 0.00	80.13 -0.48 0.00	83.05 -0.25 0.00	86.04 -0.26 0.00	71.46 -0.36 0.00	55.96 -0.39 0.00	51.39 -0.52 0.00	46.86 -0.57 0.00
FITZPATRICK___ 23598	44.85 -1.72 0.00	40.26 -1.59 0.00	40.39 -1.51 0.00	39.45 -1.47 0.00	37.75 -1.37 0.00	38.24 -1.39 0.00	34.59 -1.26 0.00	33.00 -1.09 0.00	35.80 -1.34 0.00	36.50 -1.40 0.00	37.44 -1.56 0.00	42.27 -1.72 0.00	45.01 -1.83 0.00	46.91 -1.90 0.00	51.93 -1.99 0.00	53.51 -2.05 0.00	66.48 -2.41 0.00	77.96 -2.66 0.00	80.72 -2.58 0.00	83.63 -2.68 0.00	69.45 -2.37 0.00	54.44 -1.92 0.00	50.05 -1.87 0.00	45.73 -1.71 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	49.46 2.89 0.00	44.53 2.68 0.00	44.20 2.30 0.00	43.09 2.17 0.00	41.08 1.96 0.00	41.57 1.94 0.00	37.71 1.86 0.00	36.24 2.15 0.00	39.41 2.27 0.00	40.29 2.39 0.00	41.66 2.65 0.00	47.07 3.08 0.00	50.07 3.23 0.00	52.47 3.66 0.00	58.02 4.10 0.00	59.89 4.33 0.00	73.99 5.10 0.00	86.91 6.29 0.00	90.38 7.08 0.00	92.86 6.56 0.00	75.84 4.02 0.00	59.46 3.10 0.00	54.82 2.91 0.00	50.18 2.75 0.00
FORT ORANGE___ 23900	48.06 1.49 0.00	43.15 1.30 0.00	43.20 1.30 0.00	42.19 1.27 0.00	40.26 1.14 0.00	40.78 1.15 0.00	36.82 0.97 0.00	35.08 0.99 0.00	37.99 0.85 0.00	38.70 0.80 0.00	39.86 0.86 0.00	45.00 1.01 0.00	47.77 0.94 0.00	49.84 1.03 0.00	55.16 1.24 0.00	57.00 1.44 0.00	70.82 1.93 0.00	83.36 2.74 0.00	86.64 3.34 0.00	89.41 3.10 0.00	73.91 2.08 0.00	58.11 1.75 0.00	53.36 1.45 0.00	48.76 1.33 0.00
FORT_DRUM_COGEN 23780	48.01 1.44 0.00	42.90 1.05 0.00	42.99 1.09 0.00	42.10 1.19 0.00	40.38 1.25 0.00	40.74 1.11 0.00	36.57 0.72 0.00	34.33 0.24 0.00	36.84 -0.30 0.00	37.52 -0.38 0.00	38.65 -0.35 0.00	43.72 -0.26 0.00	46.46 -0.37 0.00	48.17 -0.63 0.00	53.22 -0.70 0.00	54.73 -0.83 0.00	68.62 -0.28 0.00	81.59 0.97 0.00	86.05 2.75 0.00	90.79 4.49 0.00	76.06 4.24 0.00	59.57 3.21 0.00	54.20 2.28 0.00	49.24 1.80 0.00
FOX_HILLS___ESR 323835	50.07 3.49 -0.01	45.21 3.35 -0.01	45.01 3.10 -0.01	43.74 2.82 0.00	41.63 2.51 0.00	41.84 2.22 0.00	38.04 2.19 0.00	36.89 2.80 0.00	40.07 2.93 0.00	40.97 3.07 0.00	42.52 3.51 0.00	48.09 4.09 -0.02	51.06 4.22 -0.01	53.26 4.44 -0.01	58.79 4.86 -0.01	60.57 5.00 -0.01	74.27 5.38 0.00	87.39 6.77 0.00	90.30 7.00 0.00	92.34 6.04 0.00	75.06 3.23 0.00	59.34 2.98 0.00	55.03 3.11 -0.01	50.62 3.18 -0.01
FPL_FAR_ROCK_GT1 24212	54.86 4.28 -4.01	45.89 4.02 -0.02	45.33 3.44 0.00	43.86 2.95 0.00	41.79 2.66 0.00	42.12 2.50 0.00	38.25 2.40 0.00	37.12 3.03 0.00	40.82 3.64 -0.04	52.29 3.79 -10.60	53.19 4.13 -10.05	54.52 4.66 -5.87	62.51 4.96 -10.71	65.15 5.32 -11.02	105.79 5.98 -45.88	99.45 6.17 -37.72	116.06 7.10 -40.07	104.02 8.79 -14.61	92.93 9.25 -0.38	94.41 8.11 0.00	75.91 4.09 0.01	59.56 3.21 0.01	54.81 2.91 0.01	50.95 3.51 0.00
FPL_FAR_ROCK_GT2 23815	54.86 4.28 -4.01	45.89 4.02 -0.02	45.33 3.44 0.00	43.86 2.95 0.00	41.79 2.66 0.00	42.12 2.50 0.00	38.25 2.40 0.00	37.12 3.03 0.00	40.82 3.64 -0.04	52.29 3.79 -10.60	53.19 4.13 -10.05	54.52 4.66 -5.87	62.51 4.96 -10.71	65.15 5.32 -11.02	105.79 5.98 -45.88	99.45 6.17 -37.72	116.06 7.10 -40.07	104.02 8.79 -14.61	92.93 9.25 -0.38	94.41 8.11 0.00	75.91 4.09 0.01	59.56 3.21 0.01	54.81 2.91 0.01	50.95 3.51 0.00

FRANKLIN_FALL_HYD 24054	46.06 -0.51 0.00	41.39 -0.46 0.00	41.40 -0.50 0.00	40.51 -0.41 0.00	39.01 -0.12 0.00	39.43 -0.20 0.00	35.74 -0.11 0.00	33.78 -0.31 0.00	37.10 -0.04 0.00	37.67 -0.23 0.00	38.77 -0.23 0.00	43.55 -0.44 0.00	46.51 -0.33 0.00	48.32 -0.49 0.00	53.17 -0.75 0.00	54.39 -1.17 0.00	67.38 -1.52 0.00	79.09 -1.53 0.00	81.55 -1.75 0.00	85.01 -1.29 0.00	71.25 -0.57 0.00	55.63 -0.73 0.00	51.60 -0.31 0.00	47.10 -0.33 0.00
FREEPORT_EQUS_GT1 23764	54.68 4.10 -4.01	45.72 3.85 -0.02	45.12 3.23 0.00	43.66 2.74 0.00	41.59 2.47 0.00	41.92 2.30 0.00	38.07 2.22 0.00	36.95 2.86 0.00	40.67 3.49 -0.04	52.10 3.60 -10.60	52.92 3.86 -10.05	54.22 4.36 -5.87	62.14 4.59 -10.71	64.71 4.88 -11.02	105.31 5.50 -45.88	98.78 5.50 -37.72	115.29 6.33 -40.06	103.13 7.91 -14.61	91.93 8.25 -0.38	93.38 7.08 0.00	75.19 3.38 0.01	59.11 2.76 0.01	54.40 2.49 0.01	50.66 3.23 0.00
FREEPORT___CT2 23818	54.68 4.10 -4.01	45.72 3.85 -0.02	45.12 3.23 0.00	43.66 2.74 0.00	41.59 2.47 0.00	41.92 2.30 0.00	38.07 2.22 0.00	36.95 2.86 0.00	40.67 3.49 -0.04	52.10 3.60 -10.60	52.92 3.86 -10.05	54.22 4.36 -5.87	62.14 4.59 -10.71	64.71 4.88 -11.02	105.31 5.50 -45.88	98.78 5.50 -37.72	115.29 6.33 -40.06	103.13 7.91 -14.61	91.93 8.25 -0.38	93.38 7.08 0.00	75.19 3.38 0.01	59.11 2.76 0.01	54.40 2.49 0.01	50.66 3.23 0.00
FRESHKLS_33_KV_LOAD 356253	50.17 3.59 -0.01	45.34 3.47 -0.01	45.13 3.23 -0.01	43.90 2.99 0.00	41.75 2.62 0.00	41.92 2.30 0.00	38.11 2.26 0.00	36.95 2.86 0.00	40.15 3.01 0.00	41.05 3.14 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.15 4.31 -0.01	53.31 4.49 -0.01	58.84 4.91 -0.01	60.62 5.06 -0.01	74.33 5.44 0.00	87.47 6.85 0.00	90.47 7.16 0.00	92.52 6.22 0.00	75.13 3.31 0.00	59.46 3.10 0.00	55.19 3.27 -0.01	50.76 3.32 -0.01
FULTON COGEN____ 23766	46.37 -1.16 -0.96	41.16 -1.17 -0.48	40.93 -0.96 0.00	40.02 -0.90 0.00	38.22 -0.90 0.00	38.71 -0.91 0.00	34.99 -0.86 0.00	33.37 -0.72 0.00	36.21 -0.93 0.00	36.88 -1.02 0.00	37.98 -1.17 -0.14	43.57 -1.28 -0.86	46.67 -1.31 -1.15	48.66 -1.42 -1.27	54.19 -1.46 -1.73	56.22 -1.39 -2.05	70.44 -1.58 -3.13	83.26 -1.61 -4.25	86.43 -1.42 -4.54	89.65 -1.47 -4.82	73.81 -1.36 -3.35	57.36 -1.13 -2.13	52.34 -1.19 -1.63	47.52 -1.14 -1.22
FULTON___LFGE 323630	49.04 2.47 0.00	44.03 2.18 0.00	43.95 2.05 0.00	42.88 1.96 0.00	40.89 1.76 0.00	41.37 1.74 0.00	37.03 1.18 0.00	34.70 0.61 0.00	37.18 0.04 0.00	37.75 -0.15 0.00	38.69 -0.31 0.00	43.77 -0.22 0.00	46.46 -0.38 0.00	48.47 -0.34 0.00	53.71 -0.21 0.00	55.62 0.06 0.00	69.72 0.83 0.00	82.55 1.93 0.00	86.96 3.66 0.00	91.22 4.92 0.00	76.06 4.24 0.00	59.85 3.50 0.00	54.77 2.85 0.00	49.80 2.37 0.00
G.F.CEMENT___DRP 24184	49.32 2.75 0.00	44.37 2.51 0.00	44.20 2.30 0.00	43.09 2.17 0.00	41.04 1.92 0.00	41.53 1.90 0.00	37.46 1.61 0.00	35.59 1.50 0.00	38.25 1.11 0.00	38.92 1.02 0.00	39.63 0.62 0.00	45.00 1.01 0.00	47.40 0.56 0.00	49.44 0.63 0.00	54.89 0.97 0.00	56.95 1.39 0.00	71.99 3.10 0.00	84.81 4.19 0.00	89.30 6.00 0.00	92.60 6.30 0.00	76.70 4.88 0.00	60.36 4.00 0.00	55.18 3.27 0.00	50.14 2.70 0.00
GARDENVILLE___LBMP 24039	39.80 -4.47 2.30	36.38 -4.31 1.16	37.64 -4.23 0.03	36.80 -4.09 0.03	35.13 -3.99 0.00	35.69 -3.92 0.01	32.44 -3.41 0.00	31.14 -2.93 0.01	33.32 -3.23 0.59	34.65 -3.22 0.03	35.24 -3.39 0.37	38.13 -3.74 2.12	40.15 -3.93 2.75	40.90 -4.05 3.85	45.65 -4.15 4.13	46.75 -3.89 4.93	45.41 -4.41 19.08	55.24 -4.43 20.94	57.57 -4.17 21.56	60.85 -4.49 20.97	59.02 -4.74 8.06	47.37 -3.78 5.21	44.17 -3.84 3.90	40.18 -3.65 3.60
GARDNVLA_35_KV_LD 355827	40.13 -4.28 2.16	36.62 -4.14 1.09	37.81 -4.06 0.03	36.96 -3.93 0.03	35.25 -3.87 0.00	35.85 -3.76 0.01	32.55 -3.30 0.00	31.28 -2.80 0.01	33.54 -3.08 0.52	34.84 -3.03 0.03	35.50 -3.16 0.34	38.53 -3.47 1.98	40.50 -3.75 2.58	41.39 -3.86 3.57	46.06 -3.99 3.88	47.32 -3.61 4.63	47.69 -4.06 17.14	58.40 -3.95 18.26	60.28 -3.67 19.35	63.79 -4.06 18.46	59.79 -4.45 7.57	48.03 -3.44 4.89	44.67 -3.58 3.66	40.63 -3.46 3.34
GELCKHM___115KV_LOAD 80723	45.13 -0.98 0.46	40.62 -1.00 0.23	41.06 -0.84 0.00	40.14 -0.78 0.00	38.38 -0.74 0.00	38.87 -0.75 0.00	35.13 -0.72 0.00	33.51 -0.58 0.00	36.32 -0.82 0.00	37.03 -0.87 0.00	37.96 -0.98 0.07	42.52 -1.06 0.41	45.21 -1.08 0.55	47.08 -1.12 0.61	51.96 -1.13 0.83	53.46 -1.11 0.99	66.22 -1.17 1.51	77.45 -1.13 2.04	80.20 -0.92 2.18	83.04 -0.95 2.31	69.21 -1.01 1.61	54.49 -0.85 1.02	50.20 -0.93 0.78	45.94 -0.90 0.59
GENERAL___MILLS 23808	40.00 -4.38 2.20	36.52 -4.23 1.11	37.72 -4.15 0.03	36.88 -4.01 0.03	35.21 -3.91 0.00	35.77 -3.84 0.01	32.52 -3.33 0.00	31.21 -2.86 0.01	33.48 -3.12 0.54	34.80 -3.07 0.03	35.42 -3.24 0.35	38.41 -3.56 2.02	40.41 -3.79 2.63	41.26 -3.90 3.64	45.93 -4.04 3.94	47.13 -3.72 4.71	47.09 -4.13 17.66	57.51 -4.11 18.99	59.52 -3.83 19.95	63.02 -4.14 19.14	59.59 -4.52 7.71	47.83 -3.55 4.98	44.55 -3.63 3.73	40.52 -3.51 3.41
GE_PLASTICS___DRP 24183	47.74 1.16 0.00	42.94 1.09 0.00	42.90 1.01 0.00	41.90 0.98 0.00	39.98 0.86 0.00	40.54 0.91 0.00	36.60 0.75 0.00	34.91 0.82 0.00	37.88 0.74 0.00	38.66 0.76 0.00	39.82 0.82 0.00	44.95 0.97 0.00	47.72 0.89 0.00	49.83 1.02 0.00	55.11 1.19 0.00	56.89 1.33 0.00	70.55 1.65 0.00	82.63 2.02 0.00	85.88 2.58 0.00	88.63 2.33 0.00	73.26 1.44 0.00	57.60 1.24 0.00	53.00 1.09 0.00	48.48 1.04 0.00
GILBOA___1 23756	47.74 1.16 0.00	42.94 1.09 0.00	43.07 1.17 0.00	42.14 1.23 0.00	40.26 1.14 0.00	40.89 1.27 0.00	36.75 0.90 0.00	35.04 0.95 0.00	38.03 0.89 0.00	38.81 0.91 0.00	40.06 1.05 0.00	45.17 1.19 0.00	48.05 1.22 0.00	50.17 1.36 0.00	55.43 1.51 0.00	57.17 1.61 0.00	70.82 1.93 0.00	82.80 2.18 0.00	85.80 2.50 0.00	88.46 2.16 0.00	73.12 1.29 0.00	57.60 1.24 0.00	53.00 1.09 0.00	48.53 1.09 0.00
GILBOA___2 23757	47.74 1.16 0.00	42.94 1.09 0.00	43.07 1.17 0.00	42.14 1.23 0.00	40.26 1.14 0.00	40.89 1.27 0.00	36.75 0.90 0.00	35.04 0.95 0.00	38.03 0.89 0.00	38.81 0.91 0.00	40.06 1.05 0.00	45.17 1.19 0.00	48.05 1.22 0.00	50.17 1.36 0.00	55.43 1.51 0.00	57.17 1.61 0.00	70.82 1.93 0.00	82.80 2.18 0.00	85.80 2.50 0.00	88.46 2.16 0.00	73.12 1.29 0.00	57.60 1.24 0.00	53.00 1.09 0.00	48.53 1.09 0.00
GILBOA___3 23758	47.74 1.16 0.00	42.94 1.09 0.00	43.07 1.17 0.00	42.14 1.23 0.00	40.26 1.14 0.00	40.89 1.27 0.00	36.75 0.90 0.00	35.04 0.95 0.00	38.03 0.89 0.00	38.81 0.91 0.00	40.06 1.05 0.00	45.17 1.19 0.00	48.05 1.22 0.00	50.17 1.36 0.00	55.43 1.51 0.00	57.17 1.61 0.00	70.82 1.93 0.00	82.80 2.18 0.00	85.80 2.50 0.00	88.46 2.16 0.00	73.12 1.29 0.00	57.60 1.24 0.00	53.00 1.09 0.00	48.53 1.09 0.00

GILBOA___4 23759	47.74 1.16 0.00	42.94 1.09 0.00	43.07 1.17 0.00	42.14 1.23 0.00	40.26 1.14 0.00	40.89 1.27 0.00	36.75 0.90 0.00	35.04 0.95 0.00	38.03 0.89 0.00	38.81 0.91 0.00	40.06 1.05 0.00	45.17 1.19 0.00	48.05 1.22 0.00	50.17 1.36 0.00	55.43 1.51 0.00	57.17 1.61 0.00	70.82 1.93 0.00	82.80 2.18 0.00	85.80 2.50 0.00	88.46 2.16 0.00	73.12 1.29 0.00	57.60 1.24 0.00	53.00 1.09 0.00	48.53 1.09 0.00
GILBOA____ 23599	47.74 1.16 0.00	42.94 1.09 0.00	42.99 1.09 0.00	42.10 1.19 0.00	40.18 1.06 0.00	40.81 1.19 0.00	36.71 0.86 0.00	34.98 0.89 0.00	37.99 0.85 0.00	38.81 0.91 0.00	40.06 1.05 0.00	45.17 1.19 0.00	48.05 1.22 0.00	50.18 1.37 0.00	55.43 1.51 0.00	57.17 1.61 0.00	70.82 1.93 0.00	82.63 2.02 0.00	85.80 2.50 0.00	88.46 2.16 0.00	73.11 1.29 0.00	57.60 1.24 0.00	53.00 1.09 0.00	48.52 1.09 0.00
GINNA____ 23603	40.63 -4.33 1.61	36.91 -4.14 0.80	37.66 -4.23 0.00	36.82 -4.09 0.00	35.33 -3.79 0.00	35.78 -3.84 0.00	32.41 -3.44 0.00	31.02 -3.07 0.00	33.33 -3.71 0.09	34.14 -3.75 0.00	34.78 -3.98 0.24	38.18 -4.36 1.45	40.51 -4.40 1.92	41.72 -4.83 2.26	46.56 -4.48 2.89	47.17 -4.95 3.44	55.85 -5.86 7.18	65.09 -6.21 9.32	67.71 -6.08 9.52	69.92 -6.39 9.99	60.88 -5.31 5.63	48.20 -4.56 3.60	44.67 -4.52 2.73	41.00 -4.27 2.16
GLEN PARK____ 23778	48.25 1.67 0.00	43.11 1.25 0.00	43.20 1.30 0.00	42.35 1.43 0.00	40.53 1.41 0.00	40.89 1.27 0.00	36.67 0.83 0.00	34.40 0.31 0.00	36.88 -0.26 0.00	37.60 -0.30 0.00	38.69 -0.31 0.00	43.81 -0.18 0.00	46.56 -0.28 0.00	48.27 -0.54 0.00	53.38 -0.54 0.00	54.90 -0.66 0.00	68.82 -0.07 0.00	81.99 1.37 0.00	86.55 3.25 0.00	91.39 5.09 0.00	76.56 4.74 0.00	59.97 3.61 0.00	54.51 2.59 0.00	49.52 2.08 0.00
GLENDALE_27_KV_LOAD 356172	50.17 3.59 -0.01	45.25 3.39 -0.01	44.79 2.89 0.00	43.62 2.70 0.00	41.51 2.39 0.00	41.81 2.18 0.00	38.04 2.19 0.00	36.85 2.76 0.00	40.15 3.01 0.00	41.12 3.22 0.00	42.63 3.63 0.00	48.17 4.18 -0.01	51.15 4.31 -0.01	53.45 4.64 -0.01	59.05 5.12 -0.01	60.84 5.28 0.00	74.68 5.79 0.00	87.39 6.77 0.00	90.55 7.25 0.00	92.86 6.56 0.00	75.48 3.66 0.00	59.57 3.21 0.00	55.13 3.22 0.00	50.61 3.18 0.00
GLENWOOD_IC_1_G5 23712	54.17 3.59 -4.01	45.22 3.35 -0.02	44.62 2.72 0.00	43.37 2.45 0.00	41.24 2.11 0.00	41.57 1.94 0.00	37.79 1.94 0.00	36.65 2.56 0.00	40.19 3.01 -0.04	51.72 3.22 -10.60	52.60 3.55 -10.05	53.95 4.09 -5.87	61.81 4.26 -10.71	64.42 4.59 -11.02	104.60 4.80 -45.88	98.23 4.94 -37.72	114.61 5.65 -40.07	101.92 6.69 -14.61	91.10 7.41 -0.38	92.78 6.47 0.00	74.83 3.02 0.00	59.17 2.82 0.00	54.50 2.60 0.00	50.37 2.94 0.00
GLENWOOD_IC_2_G1 23688	53.79 3.21 -4.01	44.97 3.10 -0.02	44.62 2.72 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.68 2.06 0.00	37.86 2.01 0.00	36.61 2.52 0.00	40.04 2.86 -0.04	51.46 2.96 -10.60	52.33 3.28 -10.05	53.60 3.74 -5.87	61.43 3.89 -10.71	63.98 4.15 -11.02	104.44 4.64 -45.88	98.00 4.72 -37.72	114.34 5.38 -40.07	102.00 6.77 -14.61	90.85 7.16 -0.38	92.60 6.30 0.00	75.06 3.23 0.00	59.01 2.65 0.00	54.35 2.44 0.00	50.18 2.75 0.00
GLENWOOD_IC_3_G1 23689	53.79 3.21 -4.01	44.97 3.10 -0.02	44.62 2.72 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.68 2.06 0.00	37.86 2.01 0.00	36.61 2.52 0.00	40.04 2.86 -0.04	51.46 2.96 -10.60	52.33 3.28 -10.05	53.60 3.74 -5.87	61.43 3.89 -10.71	63.98 4.15 -11.02	104.44 4.64 -45.88	98.00 4.72 -37.72	114.34 5.38 -40.07	102.00 6.77 -14.61	90.85 7.16 -0.38	92.60 6.30 0.00	75.06 3.23 0.00	59.01 2.65 0.00	54.35 2.44 0.00	50.18 2.75 0.00
GLENWOOD___4 23550	54.17 3.59 -4.01	45.22 3.35 -0.02	44.62 2.72 0.00	43.37 2.45 0.00	41.24 2.11 0.00	41.57 1.94 0.00	37.79 1.94 0.00	36.65 2.56 0.00	40.19 3.01 -0.04	51.72 3.22 -10.60	52.60 3.55 -10.05	53.95 4.09 -5.87	61.81 4.26 -10.71	64.42 4.59 -11.02	104.71 4.91 -45.88	98.34 5.06 -37.72	114.75 5.79 -40.07	102.16 6.93 -14.61	91.26 7.58 -0.38	93.04 6.73 0.00	75.05 3.23 0.00	59.17 2.82 0.00	54.50 2.60 0.00	50.37 2.94 0.00
GLENWOOD___5 23614	54.17 3.59 -4.01	45.22 3.35 -0.02	44.62 2.72 0.00	43.37 2.45 0.00	41.24 2.11 0.00	41.57 1.94 0.00	37.79 1.94 0.00	36.65 2.56 0.00	40.19 3.01 -0.04	51.72 3.22 -10.60	52.60 3.55 -10.05	53.95 4.09 -5.87	61.81 4.26 -10.71	64.42 4.59 -11.02	104.71 4.91 -45.88	98.34 5.06 -37.72	114.75 5.79 -40.07	102.16 6.93 -14.61	91.26 7.58 -0.38	93.04 6.73 0.00	75.05 3.23 0.00	59.17 2.82 0.00	54.50 2.60 0.00	50.37 2.94 0.00
GLOBAL GREEN_PORT_GT1 23814	55.70 5.12 -4.01	46.47 4.60 -0.02	45.63 3.73 0.00	44.07 3.15 0.00	42.02 2.90 0.00	42.24 2.61 0.00	38.36 2.51 0.00	37.47 3.38 0.00	41.75 4.57 -0.04	53.58 5.08 -10.60	54.55 5.50 -10.05	56.55 6.56 -6.01	65.69 6.98 -11.87	67.75 7.13 -11.82	122.32 8.28 -60.46	101.57 7.93 -37.73	123.79 10.06 -44.84	107.25 12.01 -14.62	95.76 12.07 -0.38	96.66 10.35 0.00	77.13 5.31 0.01	60.52 4.17 0.01	55.64 3.74 0.01	52.13 4.70 0.00
GLOBE___DSASP 323697	39.21 -5.31 2.05	35.79 -5.02 1.04	36.22 -5.66 0.02	35.37 -5.52 0.02	34.59 -4.54 0.00	34.35 -5.27 0.01	31.26 -4.59 0.00	30.13 -3.95 0.01	32.42 -4.31 0.41	32.92 -4.97 0.02	33.69 -4.99 0.32	36.34 -5.76 1.88	39.41 -4.96 2.46	39.91 -5.61 3.29	44.68 -5.55 3.69	45.49 -5.67 4.41	46.50 -7.58 14.81	53.51 -8.55 18.57	57.03 -8.50 17.78	58.56 -9.15 18.60	57.72 -6.89 7.21	45.40 -6.31 4.65	42.92 -5.50 3.49	39.27 -5.08 3.09
GOETHSLN___LBMP 323567	49.60 3.03 0.00	44.74 2.89 0.00	44.33 2.43 0.00	43.17 2.25 0.00	41.08 1.96 0.00	41.49 1.86 0.00	37.71 1.86 0.00	36.54 2.45 0.00	39.78 2.64 0.00	40.78 2.88 0.00	42.20 3.20 0.00	47.69 3.69 -0.01	50.58 3.75 0.00	52.91 4.10 0.00	58.45 4.53 0.00	60.17 4.61 0.00	73.92 5.03 0.00	86.58 5.97 0.00	89.88 6.58 0.00	92.26 5.95 0.00	75.05 3.23 0.00	59.01 2.65 0.00	54.56 2.65 0.00	50.04 2.61 0.00
GOLAH___69_KV_TB 1_2 80279	42.05 -2.93 1.59	38.05 -3.01 0.80	38.96 -2.93 0.01	38.09 -2.82 0.01	36.42 -2.70 0.00	37.01 -2.62 0.00	33.55 -2.29 0.00	32.11 -1.98 0.00	34.29 -2.75 0.10	35.05 -2.84 0.01	35.88 -2.89 0.24	39.25 -3.30 1.44	41.80 -3.14 1.90	42.95 -3.61 2.24	47.78 -3.29 2.86	48.71 -3.44 3.40	57.79 -3.86 7.25	67.60 -3.71 9.30	70.44 -3.33 9.53	72.89 -3.45 9.96	63.39 -2.87 5.56	50.04 -2.76 3.56	46.36 -2.86 2.70	42.54 -2.75 2.14
GOODYEAR_LAKE_HYD 323669	47.88 1.30 0.00	42.99 1.13 0.00	42.99 1.09 0.00	42.02 1.10 0.00	40.14 1.02 0.00	40.70 1.07 0.00	36.60 0.75 0.00	34.77 0.68 0.00	37.66 0.52 0.00	38.47 0.57 0.00	39.59 0.59 0.00	44.73 0.75 0.00	47.63 0.80 0.00	49.69 0.88 0.00	54.95 1.02 0.00	56.73 1.17 0.00	70.56 1.65 -0.02	82.93 2.26 -0.06	86.41 3.08 -0.03	89.63 3.28 -0.05	74.19 2.37 0.00	58.33 1.97 0.00	53.47 1.56 0.00	48.81 1.38 0.00

GOUDEY___7 345031	45.91	41.21	41.40	40.47	38.62	39.15	35.38	33.78	36.84	37.56	38.59	43.46	46.18	48.31	53.24	55.09	69.87	81.96	84.85	87.70	71.29	56.11	51.47	47.13
	-0.47	-0.54	-0.50	-0.45	-0.51	-0.48	-0.47	-0.31	-0.37	-0.34	-0.39	-0.35	-0.42	-0.34	-0.32	-0.06	0.14	0.48	1.00	0.86	0.14	0.17	-0.10	-0.14
	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.03	0.17	0.24	0.16	0.36	0.42	-0.84	-0.86	-0.55	-0.53	0.68	0.42	0.33
GOUDEY___8 23579	45.91	41.21	41.40	40.47	38.62	39.15	35.38	33.78	36.84	37.56	38.59	43.46	46.18	48.31	53.24	55.09	69.87	81.96	84.85	87.70	71.29	56.11	51.47	47.13
	-0.47	-0.54	-0.50	-0.45	-0.51	-0.48	-0.47	-0.31	-0.37	-0.34	-0.39	-0.35	-0.42	-0.34	-0.32	-0.06	0.14	0.48	1.00	0.86	0.14	0.17	-0.10	-0.14
	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.03	0.17	0.24	0.16	0.36	0.42	-0.84	-0.86	-0.55	-0.53	0.68	0.42	0.33
GOUDEY___8 23580	45.91	41.21	41.40	40.47	38.62	39.15	35.38	33.78	36.84	37.56	38.59	43.46	46.18	48.31	53.24	55.09	69.87	81.96	84.85	87.70	71.29	56.11	51.47	47.13
	-0.47	-0.54	-0.50	-0.45	-0.51	-0.48	-0.47	-0.31	-0.37	-0.34	-0.39	-0.35	-0.42	-0.34	-0.32	-0.06	0.14	0.48	1.00	0.86	0.14	0.17	-0.10	-0.14
	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.03	0.17	0.24	0.16	0.36	0.42	-0.84	-0.86	-0.55	-0.53	0.68	0.42	0.33
GOWANUS_GT1_1 24077	50.17	45.30	44.84	43.66	41.51	41.73	37.96	36.78	40.07	41.09	42.59	48.22	51.20	53.45	59.05	60.79	74.47	87.23	90.47	92.69	75.34	59.57	55.14	50.67
	3.59	3.43	2.93	2.74	2.39	2.10	2.12	2.69	2.93	3.18	3.59	4.22	4.36	4.64	5.12	5.22	5.58	6.61	7.16	6.39	3.52	3.21	3.22	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
GOWANUS_GT1_2 24078	50.17	45.30	44.84	43.66	41.51	41.73	37.96	36.78	40.07	41.09	42.59	48.22	51.20	53.45	59.05	60.79	74.47	87.23	90.47	92.69	75.34	59.57	55.14	50.67
	3.59	3.43	2.93	2.74	2.39	2.10	2.12	2.69	2.93	3.18	3.59	4.22	4.36	4.64	5.12	5.22	5.58	6.61	7.16	6.39	3.52	3.21	3.22	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
GOWANUS_GT1_3 24079	50.17	45.30	44.84	43.66	41.51	41.73	37.96	36.78	40.07	41.09	42.59	48.22	51.20	53.45	59.05	60.79	74.47	87.23	90.47	92.69	75.34	59.57	55.14	50.67
	3.59	3.43	2.93	2.74	2.39	2.10	2.12	2.69	2.93	3.18	3.59	4.22	4.36	4.64	5.12	5.22	5.58	6.61	7.16	6.39	3.52	3.21	3.22	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
GOWANUS_GT1_4 24080	50.17	45.30	44.84	43.66	41.51	41.73	37.96	36.78	40.07	41.09	42.59	48.22	51.20	53.45	59.05	60.79	74.47	87.23	90.47	92.69	75.34	59.57	55.14	50.67
	3.59	3.43	2.93	2.74	2.39	2.10	2.12	2.69	2.93	3.18	3.59	4.22	4.36	4.64	5.12	5.22	5.58	6.61	7.16	6.39	3.52	3.21	3.22	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
GOWANUS_GT1_5 24084	50.17	45.30	44.84	43.66	41.51	41.73	37.96	36.78	40.07	41.09	42.59	48.22	51.20	53.45	59.05	60.79	74.47	87.23	90.47	92.69	75.34	59.57	55.14	50.67
	3.59	3.43	2.93	2.74	2.39	2.10	2.12	2.69	2.93	3.18	3.59	4.22	4.36	4.64	5.12	5.22	5.58	6.61	7.16	6.39	3.52	3.21	3.22	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
GOWANUS_GT1_6 24111	50.17	45.30	44.84	43.66	41.51	41.73	37.96	36.78	40.07	41.09	42.59	48.22	51.20	53.45	59.05	60.79	74.47	87.23	90.47	92.69	75.34	59.57	55.14	50.67
	3.59	3.43	2.93	2.74	2.39	2.10	2.12	2.69	2.93	3.18	3.59	4.22	4.36	4.64	5.12	5.22	5.58	6.61	7.16	6.39	3.52	3.21	3.22	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
GOWANUS_GT1_7 24112	50.17	45.30	44.84	43.66	41.51	41.73	37.96	36.78	40.07	41.09	42.59	48.22	51.20	53.45	59.05	60.79	74.47	87.23	90.47	92.69	75.34	59.57	55.14	50.67
	3.59	3.43	2.93	2.74	2.39	2.10	2.12	2.69	2.93	3.18	3.59	4.22	4.36	4.64	5.12	5.22	5.58	6.61	7.16	6.39	3.52	3.21	3.22	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
GOWANUS_GT1_8 24113	50.17	45.30	44.84	43.66	41.51	41.73	37.96	36.78	40.07	41.09	42.59	48.22	51.20	53.45	59.05	60.79	74.47	87.23	90.47	92.69	75.34	59.57	55.14	50.67
	3.59	3.43	2.93	2.74	2.39	2.10	2.12	2.69	2.93	3.18	3.59	4.22	4.36	4.64	5.12	5.22	5.58	6.61	7.16	6.39	3.52	3.21	3.22	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
GOWANUS_GT2_1 24114	50.17	45.25	45.05	43.78	41.67	41.88	38.11	36.95	40.15	41.09	42.59	48.14	51.15	53.36	59.00	60.79	74.54	87.63	90.55	92.60	75.34	59.46	55.09	50.67
	3.59	3.39	3.14	2.86	2.54	2.26	2.26	2.86	3.01	3.18	3.59	4.13	4.31	4.54	5.07	5.22	5.65	7.01	7.24	6.30	3.52	3.10	3.17	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
GOWANUS_GT2_2 24115	50.17	45.25	45.05	43.78	41.67	41.88	38.11	36.95	40.15	41.09	42.59	48.14	51.15	53.36	59.00	60.79	74.54	87.63	90.55	92.60	75.34	59.46	55.09	50.67
	3.59	3.39	3.14	2.86	2.54	2.26	2.26	2.86	3.01	3.18	3.59	4.13	4.31	4.54	5.07	5.22	5.65	7.01	7.24	6.30	3.52	3.10	3.17	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
GOWANUS_GT2_3 24116	50.17	45.25	45.05	43.78	41.67	41.88	38.11	36.95	40.15	41.09	42.59	48.14	51.15	53.36	59.00	60.79	74.54	87.63	90.55	92.60	75.34	59.46	55.09	50.67
	3.59	3.39	3.14	2.86	2.54	2.26	2.26	2.86	3.01	3.18	3.59	4.13	4.31	4.54	5.07	5.22	5.65	7.01	7.24	6.30	3.52	3.10	3.17	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
GOWANUS_GT2_4 24117	50.17	45.25	45.05	43.78	41.67	41.88	38.11	36.95	40.15	41.09	42.59	48.14	51.15	53.36	59.00	60.79	74.54	87.63	90.55	92.60	75.34	59.46	55.09	50.67
	3.59	3.39	3.14	2.86	2.54	2.26	2.26	2.86	3.01	3.18	3.59	4.13	4.31	4.54	5.07	5.22	5.65	7.01	7.24	6.30	3.52	3.10	3.17	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01

GOWANUS_GT2_5 24118	50.17 3.59 -0.01	45.25 3.39 -0.01	45.05 3.14 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.88 2.26 0.00	38.11 2.26 0.00	36.95 2.86 0.00	40.15 3.01 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.14 4.13 -0.02	51.15 4.31 -0.01	53.36 4.54 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.55 7.24 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.09 3.17 -0.01	50.67 3.23 -0.01
GOWANUS_GT2_6 24119	50.17 3.59 -0.01	45.25 3.39 -0.01	45.05 3.14 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.88 2.26 0.00	38.11 2.26 0.00	36.95 2.86 0.00	40.15 3.01 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.14 4.13 -0.02	51.15 4.31 -0.01	53.36 4.54 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.55 7.24 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.09 3.17 -0.01	50.67 3.23 -0.01
GOWANUS_GT2_7 24120	50.17 3.59 -0.01	45.25 3.39 -0.01	45.05 3.14 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.88 2.26 0.00	38.11 2.26 0.00	36.95 2.86 0.00	40.15 3.01 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.14 4.13 -0.02	51.15 4.31 -0.01	53.36 4.54 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.55 7.24 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.09 3.17 -0.01	50.67 3.23 -0.01
GOWANUS_GT2_8 24121	50.17 3.59 -0.01	45.25 3.39 -0.01	45.05 3.14 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.88 2.26 0.00	38.11 2.26 0.00	36.95 2.86 0.00	40.15 3.01 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.14 4.13 -0.02	51.15 4.31 -0.01	53.36 4.54 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.55 7.24 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.09 3.17 -0.01	50.67 3.23 -0.01
GOWANUS_GT3_1 24122	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GOWANUS_GT3_2 24123	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GOWANUS_GT3_3 24124	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GOWANUS_GT3_4 24125	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GOWANUS_GT3_5 24126	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GOWANUS_GT3_6 24127	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GOWANUS_GT3_7 24128	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GOWANUS_GT3_8 24129	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GOWANUS_GT4_1 24130	50.17 3.59 -0.01	45.25 3.39 -0.01	44.84 2.93 -0.01	43.66 2.74 0.00	41.51 2.39 0.00	41.73 2.10 0.00	37.96 2.12 0.00	36.78 2.69 0.00	40.07 2.93 0.00	41.05 3.15 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.15 4.31 -0.01	53.41 4.59 -0.01	59.05 5.12 -0.01	60.79 5.22 -0.01	74.47 5.58 0.00	87.23 6.61 0.00	90.38 7.08 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.51 3.16 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GOWANUS_GT4_2 24131	50.17 3.59 -0.01	45.25 3.39 -0.01	44.84 2.93 -0.01	43.66 2.74 0.00	41.51 2.39 0.00	41.73 2.10 0.00	37.96 2.12 0.00	36.78 2.69 0.00	40.07 2.93 0.00	41.05 3.15 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.15 4.31 -0.01	53.41 4.59 -0.01	59.05 5.12 -0.01	60.79 5.22 -0.01	74.47 5.58 0.00	87.23 6.61 0.00	90.38 7.08 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.51 3.16 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GOWANUS_GT4_3 24132	50.17 3.59 -0.01	45.25 3.39 -0.01	44.84 2.93 -0.01	43.66 2.74 0.00	41.51 2.39 0.00	41.73 2.10 0.00	37.96 2.12 0.00	36.78 2.69 0.00	40.07 2.93 0.00	41.05 3.15 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.15 4.31 -0.01	53.41 4.59 -0.01	59.05 5.12 -0.01	60.79 5.22 -0.01	74.47 5.58 0.00	87.23 6.61 0.00	90.38 7.08 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.51 3.16 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01

GOWANUS_GT4_4 24133	50.17 3.59 -0.01	45.25 3.39 -0.01	44.84 2.93 -0.01	43.66 2.74 0.00	41.51 2.39 0.00	41.73 2.10 0.00	37.96 2.12 0.00	36.78 2.69 0.00	40.07 2.93 0.00	41.05 3.15 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.15 4.31 -0.01	53.41 4.59 -0.01	59.05 5.12 -0.01	60.79 5.22 -0.01	74.47 5.58 0.00	87.23 6.61 0.00	90.38 7.08 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.51 3.16 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GOWANUS_GT4_5 24134	50.17 3.59 -0.01	45.25 3.39 -0.01	44.84 2.93 -0.01	43.66 2.74 0.00	41.51 2.39 0.00	41.73 2.10 0.00	37.96 2.12 0.00	36.78 2.69 0.00	40.07 2.93 0.00	41.05 3.15 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.15 4.31 -0.01	53.41 4.59 -0.01	59.05 5.12 -0.01	60.79 5.22 -0.01	74.47 5.58 0.00	87.23 6.61 0.00	90.38 7.08 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.51 3.16 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GOWANUS_GT4_6 24135	50.17 3.59 -0.01	45.25 3.39 -0.01	44.84 2.93 -0.01	43.66 2.74 0.00	41.51 2.39 0.00	41.73 2.10 0.00	37.96 2.12 0.00	36.78 2.69 0.00	40.07 2.93 0.00	41.05 3.15 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.15 4.31 -0.01	53.41 4.59 -0.01	59.05 5.12 -0.01	60.79 5.22 -0.01	74.47 5.58 0.00	87.23 6.61 0.00	90.38 7.08 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.51 3.16 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GOWANUS_GT4_7 24136	50.17 3.59 -0.01	45.25 3.39 -0.01	44.84 2.93 -0.01	43.66 2.74 0.00	41.51 2.39 0.00	41.73 2.10 0.00	37.96 2.12 0.00	36.78 2.69 0.00	40.07 2.93 0.00	41.05 3.15 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.15 4.31 -0.01	53.41 4.59 -0.01	59.05 5.12 -0.01	60.79 5.22 -0.01	74.47 5.58 0.00	87.23 6.61 0.00	90.38 7.08 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.51 3.16 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GOWANUS_GT4_8 24137	50.17 3.59 -0.01	45.25 3.39 -0.01	44.84 2.93 -0.01	43.66 2.74 0.00	41.51 2.39 0.00	41.73 2.10 0.00	37.96 2.12 0.00	36.78 2.69 0.00	40.07 2.93 0.00	41.05 3.15 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.15 4.31 -0.01	53.41 4.59 -0.01	59.05 5.12 -0.01	60.79 5.22 -0.01	74.47 5.58 0.00	87.23 6.61 0.00	90.38 7.08 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.51 3.16 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GREENBSH_115KV_TB3 55895	47.74 1.16 0.00	42.94 1.09 0.00	42.95 1.05 0.00	41.90 0.98 0.00	39.98 0.86 0.00	40.50 0.87 0.00	36.60 0.75 0.00	34.94 0.85 0.00	37.85 0.71 0.00	38.62 0.72 0.00	39.78 0.78 0.00	44.91 0.92 0.00	47.68 0.84 0.00	49.74 0.93 0.00	55.06 1.13 0.00	56.84 1.28 0.00	70.55 1.65 0.00	82.71 2.10 0.00	86.05 2.75 0.00	88.72 2.42 0.00	73.26 1.44 0.00	57.66 1.30 0.00	53.00 1.09 0.00	48.48 1.04 0.00
GREENDGE_115KV_TB5 80291	47.78 0.05 -1.16	42.21 -0.25 -0.61	41.73 -0.21 -0.04	40.80 -0.16 -0.04	38.93 -0.20 0.00	39.53 -0.12 -0.02	35.71 -0.14 0.00	34.04 -0.07 -0.02	37.75 -0.26 -0.87	37.57 -0.38 -0.04	38.67 -0.55 -0.21	44.63 -0.48 -1.13	47.76 -0.47 -1.39	51.22 -0.39 -2.80	55.74 -0.27 -2.08	58.31 0.22 -2.52	91.22 0.76 -21.57	107.31 1.85 -24.84	109.03 2.83 -22.90	112.61 3.19 -23.11	78.15 2.15 -4.17	60.74 1.58 -2.80	54.83 0.93 -1.98	50.56 0.62 -2.51
GREENIDGE___3 23582	47.78 0.05 -1.16	42.21 -0.25 -0.61	41.73 -0.21 -0.04	40.80 -0.16 -0.04	38.93 -0.20 0.00	39.53 -0.12 -0.02	35.71 -0.14 0.00	34.04 -0.07 -0.02	37.75 -0.26 -0.87	37.57 -0.38 -0.04	38.67 -0.55 -0.21	44.63 -0.48 -1.13	47.76 -0.47 -1.39	51.22 -0.39 -2.80	55.74 -0.27 -2.08	58.31 0.22 -2.52	91.22 0.76 -21.57	107.31 1.85 -24.84	109.03 2.83 -22.90	112.61 3.19 -23.11	78.15 2.15 -4.17	60.74 1.58 -2.80	54.83 0.93 -1.98	50.56 0.62 -2.51
GREENIDGE___4 23583	47.73 0.00 -1.16	42.21 -0.25 -0.61	41.69 -0.25 -0.04	40.76 -0.20 -0.04	38.93 -0.19 0.00	39.49 -0.16 -0.02	35.67 -0.18 0.00	34.01 -0.10 -0.02	37.79 -0.22 -0.87	37.57 -0.38 -0.04	38.67 -0.55 -0.21	44.63 -0.48 -1.13	47.76 -0.47 -1.39	51.22 -0.39 -2.80	55.74 -0.27 -2.08	58.31 0.22 -2.52	91.22 0.76 -21.57	107.39 1.93 -24.84	109.03 2.83 -22.90	112.61 3.20 -23.11	78.15 2.15 -4.17	60.74 1.58 -2.80	54.83 0.94 -1.98	50.56 0.62 -2.51
GREENLWN_69_KV_BK 3 55738	54.35 3.77 -4.01	45.51 3.64 -0.02	44.66 2.77 0.00	43.29 2.37 0.00	41.12 2.00 0.00	41.33 1.70 0.00	37.61 1.76 0.00	36.65 2.56 0.00	40.41 3.23 -0.04	51.91 3.41 -10.60	52.17 3.12 -10.05	53.29 3.52 -5.78	60.08 3.56 -9.69	62.98 3.86 -10.32	94.11 4.37 -35.82	97.77 4.50 -37.71	110.83 5.17 -36.77	101.51 6.29 -14.61	90.51 6.83 -0.38	92.00 5.70 0.00	73.47 1.65 0.01	57.70 1.35 0.01	53.20 1.30 0.01	50.09 2.66 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.17 3.59 -0.01	45.30 3.43 -0.01	44.84 2.93 -0.01	43.66 2.74 0.00	41.51 2.39 0.00	41.73 2.10 0.00	37.96 2.12 0.00	36.78 2.69 0.00	40.07 2.93 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.22 4.22 -0.02	51.20 4.36 -0.01	53.45 4.64 -0.01	59.05 5.12 -0.01	60.79 5.22 -0.01	74.47 5.58 0.00	87.23 6.61 0.00	90.47 7.16 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.57 3.21 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
GRISSOM___SOLAR 323813	48.99 2.42 0.00	43.99 2.13 0.00	43.91 2.01 0.00	42.84 1.92 0.00	40.89 1.76 0.00	41.37 1.74 0.00	37.03 1.18 0.00	34.77 0.68 0.00	37.29 0.15 0.00	37.83 -0.08 0.00	38.77 -0.23 0.00	43.86 -0.13 0.00	46.51 -0.33 0.00	48.57 -0.24 0.00	53.82 -0.11 0.00	55.73 0.17 0.00	69.79 0.89 0.00	82.63 2.02 0.00	86.96 3.66 0.00	91.13 4.83 0.00	75.91 4.09 0.00	59.74 3.38 0.00	54.71 2.80 0.00	49.76 2.32 0.00
GROVEVILLE___HYD 323602	49.46 2.89 0.00	44.53 2.68 0.00	44.20 2.30 0.00	43.09 2.17 0.00	41.08 1.96 0.00	41.57 1.94 0.00	37.71 1.86 0.00	36.24 2.15 0.00	39.41 2.27 0.00	40.29 2.39 0.00	41.66 2.65 0.00	47.07 3.08 0.00	50.07 3.23 0.00	52.47 3.66 0.00	58.02 4.10 0.00	59.89 4.33 0.00	73.99 5.10 0.00	86.91 6.29 0.00	90.38 7.08 0.00	92.86 6.56 0.00	75.84 4.02 0.00	59.46 3.10 0.00	54.82 2.91 0.00	50.18 2.75 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.92 -0.65 0.00	41.14 -0.71 0.00	41.35 -0.54 0.00	40.43 -0.49 0.00	38.62 -0.51 0.00	39.15 -0.48 0.00	35.38 -0.47 0.00	33.75 -0.34 0.00	36.58 -0.56 0.00	37.29 -0.61 0.00	38.26 -0.74 0.00	43.19 -0.79 0.00	46.09 -0.75 0.00	47.98 -0.83 0.00	53.11 -0.81 0.00	54.84 -0.72 0.00	68.20 -0.69 0.00	80.13 -0.48 0.00	83.05 -0.25 0.00	86.04 -0.26 0.00	71.46 -0.36 0.00	55.96 -0.39 0.00	51.39 -0.52 0.00	46.86 -0.57 0.00
HAMLTNNY_34_KV_TB 80303	45.87 -0.70 0.00	41.06 -0.80 0.00	41.27 -0.63 0.00	40.30 -0.61 0.00	38.54 -0.59 0.00	39.07 -0.55 0.00	35.28 -0.57 0.00	33.68 -0.41 0.00	36.47 -0.67 0.00	37.18 -0.72 0.00	38.19 -0.82 0.00	43.11 -0.88 0.00	45.99 -0.84 0.00	47.88 -0.93 0.00	53.06 -0.86 0.00	54.78 -0.78 0.00	68.14 -0.76 0.00	80.13 -0.48 0.00	83.13 -0.17 0.00	86.13 -0.17 0.00	71.53 -0.29 0.00	55.96 -0.39 0.00	51.39 -0.52 0.00	46.86 -0.57 0.00

HAMPSHIRE___PAPER_HYD 323593	46.62 0.05 0.00	41.81 -0.04 0.00	41.81 -0.08 0.00	41.00 0.08 0.00	39.28 0.16 0.00	39.63 0.00 0.00	35.67 -0.18 0.00	33.54 -0.55 0.00	36.36 -0.78 0.00	37.07 -0.83 0.00	38.22 -0.78 0.00	43.15 -0.84 0.00	45.85 -0.99 0.00	47.54 -1.27 0.00	52.36 -1.57 0.00	53.73 -1.83 0.00	66.96 -1.93 0.00	79.08 -1.53 0.00	82.72 -0.58 0.00	87.08 0.78 0.00	72.97 1.15 0.00	57.15 0.79 0.00	52.38 0.47 0.00	47.72 0.29 0.00
HARDSCRABBLE_WT_PWR 323673	47.17 0.60 0.00	42.48 0.63 0.00	42.57 0.67 0.00	41.65 0.74 0.00	39.87 0.74 0.00	40.42 0.79 0.00	36.57 0.72 0.00	34.84 0.75 0.00	37.88 0.74 0.00	38.70 0.80 0.00	39.78 0.78 0.00	44.82 0.83 0.00	47.68 0.84 0.00	49.59 0.78 0.00	54.73 0.81 0.00	56.45 0.89 0.00	69.93 1.03 0.00	82.15 1.53 0.00	85.30 2.00 0.00	88.63 2.33 0.00	73.76 1.94 0.00	57.99 1.64 0.00	53.42 1.51 0.00	48.81 1.38 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	49.09 2.51 0.00	44.24 2.39 0.00	43.95 2.05 0.00	42.84 1.92 0.00	40.85 1.72 0.00	41.29 1.66 0.00	37.46 1.61 0.00	36.07 1.98 0.00	39.22 2.08 0.00	40.14 2.24 0.00	41.54 2.54 0.00	46.93 2.95 0.00	49.93 3.09 0.00	52.23 3.42 0.00	57.75 3.83 0.00	59.56 4.00 0.00	73.51 4.62 0.00	86.34 5.72 0.00	89.72 6.41 0.00	92.17 5.87 0.00	75.20 3.38 0.00	59.01 2.65 0.00	54.40 2.49 0.00	49.85 2.42 0.00
HARSNRAD_115KV_TB1 81005	39.26 -5.26 2.04	35.76 -5.06 1.03	37.19 -4.69 0.02	36.35 -4.54 0.02	34.47 -4.66 0.00	35.30 -4.32 0.01	32.12 -3.73 0.00	30.81 -3.27 0.01	32.83 -3.90 0.41	33.60 -4.28 0.02	34.31 -4.37 0.32	37.18 -4.93 1.88	39.38 -5.01 2.45	40.21 -5.32 3.28	45.24 -5.01 3.67	45.90 -5.28 4.38	48.18 -5.92 14.79	56.31 -6.45 17.86	59.43 -6.33 17.55	61.51 -6.82 17.98	58.40 -6.25 7.18	46.48 -5.24 4.64	43.41 -5.04 3.47	39.76 -4.60 3.08
HARZA MOOSE___RIVER 24016	47.13 0.56 0.00	42.23 0.38 0.00	42.28 0.38 0.00	41.41 0.49 0.00	39.63 0.51 0.00	40.06 0.44 0.00	36.06 0.22 0.00	34.09 0.00 0.00	36.84 -0.30 0.00	37.60 -0.30 0.00	38.77 -0.23 0.00	43.81 -0.18 0.00	46.51 -0.33 0.00	48.27 -0.54 0.00	53.33 -0.59 0.00	54.73 -0.83 0.00	68.14 -0.76 0.00	80.46 -0.16 0.00	84.22 0.92 0.00	88.29 1.98 0.00	73.69 1.87 0.00	57.82 1.47 0.00	52.95 1.04 0.00	48.24 0.81 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	45.03 -0.98 0.56	40.57 -1.00 0.28	41.06 -0.84 0.00	40.14 -0.78 0.00	38.34 -0.78 0.00	38.87 -0.75 0.00	35.13 -0.72 0.00	33.51 -0.58 0.00	36.36 -0.78 0.00	37.07 -0.83 0.00	37.95 -0.98 0.08	42.43 -1.06 0.50	45.13 -1.03 0.67	46.95 -1.12 0.74	51.73 -1.19 1.01	53.25 -1.11 1.20	65.89 -1.17 1.83	77.01 -1.13 2.48	79.74 -0.92 2.65	82.54 -0.95 2.81	68.86 -1.01 1.96	54.21 -0.90 1.24	50.03 -0.93 0.95	45.82 -0.90 0.71
HELLGATE_13_KV_LD 55870	50.17 3.59 -0.01	45.25 3.39 -0.01	44.83 2.93 0.00	43.66 2.74 0.00	41.51 2.39 0.00	41.81 2.18 0.00	38.04 2.19 0.00	36.85 2.76 0.00	40.11 2.97 0.00	41.12 3.22 0.00	42.63 3.63 0.00	48.17 4.18 -0.01	51.15 4.31 -0.01	53.45 4.64 -0.01	59.05 5.12 -0.01	60.84 5.28 0.00	74.61 5.72 0.00	87.31 6.69 0.00	90.47 7.16 0.00	92.69 6.39 0.00	75.41 3.59 0.00	59.51 3.16 0.00	55.08 3.17 0.00	50.61 3.18 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.17 3.59 -0.01	45.25 3.39 -0.01	44.83 2.93 0.00	43.66 2.74 0.00	41.51 2.39 0.00	41.81 2.18 0.00	38.04 2.19 0.00	36.85 2.76 0.00	40.11 2.97 0.00	41.12 3.22 0.00	42.63 3.63 0.00	48.17 4.18 -0.01	51.15 4.31 -0.01	53.45 4.64 -0.01	59.05 5.12 -0.01	60.84 5.28 0.00	74.61 5.72 0.00	87.31 6.69 0.00	90.47 7.16 0.00	92.69 6.39 0.00	75.41 3.59 0.00	59.51 3.16 0.00	55.08 3.17 0.00	50.61 3.18 0.00
HEMPSTEAD___ 23647	54.17 3.59 -4.01	45.26 3.39 -0.02	44.75 2.85 0.00	43.33 2.41 0.00	41.27 2.15 0.00	41.65 2.02 0.00	37.82 1.97 0.00	36.68 2.59 0.00	40.30 3.12 -0.04	51.72 3.22 -10.60	52.57 3.51 -10.05	53.82 3.96 -5.87	61.67 4.12 -10.71	64.22 4.39 -11.02	104.66 4.86 -45.88	98.28 5.00 -37.72	114.67 5.71 -40.06	102.40 7.17 -14.61	91.18 7.50 -0.38	92.69 6.39 0.00	74.54 2.73 0.01	58.72 2.37 0.01	54.04 2.13 0.01	50.23 2.80 0.00
HICKLING___1 23621	46.02 -0.70 -0.14	41.06 -0.88 -0.08	41.04 -0.88 -0.02	40.16 -0.78 -0.02	38.30 -0.82 0.00	38.88 -0.75 -0.01	35.13 -0.72 0.00	33.55 -0.55 -0.01	36.82 -0.67 -0.35	37.27 -0.64 -0.02	38.26 -0.78 -0.04	43.40 -0.75 -0.16	46.21 -0.80 -0.18	48.83 -0.68 -0.71	53.53 -0.65 -0.26	55.67 -0.22 -0.33	76.77 0.14 -7.74	90.32 0.89 -8.82	92.64 1.50 -7.84	95.93 1.73 -7.90	73.10 0.72 -0.56	57.34 0.56 -0.42	52.22 0.05 -0.25	47.95 -0.09 -0.61
HICKLING___2 23622	46.02 -0.70 -0.14	41.06 -0.88 -0.08	41.04 -0.88 -0.02	40.16 -0.78 -0.02	38.30 -0.82 0.00	38.88 -0.75 -0.01	35.13 -0.72 0.00	33.55 -0.55 -0.01	36.82 -0.67 -0.35	37.27 -0.64 -0.02	38.26 -0.78 -0.04	43.40 -0.75 -0.16	46.21 -0.80 -0.18	48.83 -0.68 -0.71	53.53 -0.65 -0.26	55.67 -0.22 -0.33	76.77 0.14 -7.74	90.32 0.89 -8.82	92.64 1.50 -7.84	95.93 1.73 -7.90	73.10 0.72 -0.56	57.34 0.56 -0.42	52.22 0.05 -0.25	47.95 -0.09 -0.61
HIGH FALLS___HY 23754	49.37 2.79 0.00	44.41 2.55 0.00	44.08 2.18 0.00	43.00 2.09 0.00	41.00 1.88 0.00	41.49 1.86 0.00	37.64 1.79 0.00	36.17 2.08 0.00	39.33 2.19 0.00	40.21 2.31 0.00	41.58 2.57 0.00	46.93 2.95 0.00	50.02 3.18 0.00	52.32 3.51 0.00	57.91 3.99 0.00	59.78 4.22 0.00	73.92 5.03 0.00	86.99 6.37 0.00	90.55 7.25 0.00	93.12 6.82 0.00	75.99 4.17 0.00	59.51 3.16 0.00	54.87 2.96 0.00	50.18 2.75 0.00
HIGH_RIVER___SOLAR 323847	48.39 1.81 0.00	43.49 1.63 0.00	43.45 1.55 0.00	42.43 1.51 0.00	40.49 1.37 0.00	40.97 1.35 0.00	36.85 1.00 0.00	34.60 0.51 0.00	37.18 0.04 0.00	37.86 -0.04 0.00	38.89 -0.12 0.00	43.94 -0.04 0.00	46.65 -0.19 0.00	48.71 -0.10 0.00	53.92 0.00 0.00	55.67 0.11 0.00	69.58 0.69 0.00	82.39 1.77 0.00	86.39 3.08 0.00	90.01 3.71 0.00	74.77 2.95 0.00	58.78 2.42 0.00	53.93 2.02 0.00	49.19 1.76 0.00
HILLBURN___GT 23639	49.04 2.47 0.00	44.24 2.38 0.00	44.08 2.18 0.00	42.92 2.00 0.00	40.92 1.80 0.00	41.37 1.74 0.00	37.57 1.72 0.00	36.24 2.15 0.00	39.37 2.23 0.00	40.25 2.35 0.00	41.69 2.69 0.00	47.02 3.03 0.00	50.06 3.23 0.00	52.28 3.47 0.00	57.75 3.83 0.00	59.51 3.95 0.00	73.37 4.48 0.00	86.34 5.72 0.00	89.38 6.08 0.00	91.74 5.44 0.00	74.91 3.09 0.00	58.78 2.42 0.00	54.25 2.34 0.00	49.76 2.32 0.00
HILLSIDE_115KV_TB1 80332	45.55 -1.07 -0.05	40.76 -1.13 -0.04	40.78 -1.13 -0.01	39.87 -1.06 -0.01	38.07 -1.06 0.00	38.60 -1.03 -0.01	34.88 -0.97 0.00	33.35 -0.75 -0.01	36.57 -0.85 -0.28	37.12 -0.80 -0.01	38.09 -0.94 -0.02	43.14 -0.92 -0.08	45.87 -1.03 -0.07	48.37 -0.93 -0.49	53.05 -0.97 -0.10	55.14 -0.56 -0.13	74.51 -0.41 -6.03	87.62 0.16 -6.84	89.99 0.67 -6.02	93.06 0.69 -6.07	71.91 -0.14 -0.23	56.50 -0.06 -0.20	51.54 -0.47 -0.10	47.32 -0.52 -0.41

HISHELDN_WT_PWR 323625	39.33 -4.01 3.24	36.35 -3.85 1.65	37.99 -3.85 0.06	37.13 -3.72 0.06	35.60 -3.52 0.00	35.99 -3.61 0.03	32.66 -3.19 0.00	31.30 -2.76 0.03	32.88 -3.08 1.18	34.66 -3.18 0.06	35.04 -3.43 0.53	37.23 -3.74 3.02	39.06 -3.89 3.88	38.89 -3.95 5.97	44.17 -3.93 5.82	44.75 -3.83 6.98	30.19 -4.41 34.30	37.10 -4.28 39.24	41.36 -3.83 38.12	44.24 -3.97 38.09	56.35 -4.02 11.45	45.61 -3.27 7.48	42.92 -3.48 5.51	38.51 -3.42 5.51
HOLTSVILLE_IC_1 23690	54.82 4.24 -4.01	45.85 3.98 -0.02	45.12 3.23 0.00	43.62 2.70 0.00	41.59 2.47 0.00	41.92 2.30 0.00	38.04 2.19 0.00	36.99 2.90 0.00	40.82 3.64 -0.04	52.22 3.72 -10.60	52.68 3.63 -10.05	54.13 4.13 -6.01	62.98 4.22 -11.93	65.11 4.44 -11.86	119.37 5.02 -60.44	98.40 5.11 -37.73	119.71 5.99 -44.83	102.81 7.58 -14.62	91.60 7.92 -0.38	92.78 6.48 0.00	74.40 2.58 0.01	58.61 2.26 0.01	53.98 2.08 0.01	50.66 3.23 0.00
HOLTSVILLE_IC_10 23699	55.15 4.57 -4.01	46.14 4.27 -0.02	45.37 3.48 0.00	43.82 2.91 0.00	41.79 2.66 0.00	42.12 2.50 0.00	38.21 2.37 0.00	37.16 3.07 0.00	41.04 3.86 -0.04	52.48 3.98 -10.60	52.99 3.94 -10.05	54.49 4.49 -6.01	63.19 4.64 -11.71	65.35 4.83 -11.71	120.09 5.50 -60.67	98.90 5.61 -37.73	120.48 6.68 -44.91	103.54 8.31 -14.62	92.35 8.66 -0.38	93.46 7.16 0.00	74.97 3.16 0.01	59.06 2.71 0.01	54.40 2.49 0.01	50.99 3.56 0.00
HOLTSVILLE_IC_2 23691	54.82 4.24 -4.01	45.85 3.98 -0.02	45.12 3.23 0.00	43.62 2.70 0.00	41.59 2.47 0.00	41.92 2.30 0.00	38.04 2.19 0.00	36.99 2.90 0.00	40.82 3.64 -0.04	52.22 3.72 -10.60	52.68 3.63 -10.05	54.13 4.13 -6.01	62.98 4.22 -11.93	65.11 4.44 -11.86	119.37 5.02 -60.44	98.40 5.11 -37.73	119.71 5.99 -44.83	102.81 7.58 -14.62	91.60 7.92 -0.38	92.78 6.48 0.00	74.40 2.58 0.01	58.61 2.26 0.01	53.98 2.08 0.01	50.66 3.23 0.00
HOLTSVILLE_IC_3 23692	54.82 4.24 -4.01	45.85 3.98 -0.02	45.12 3.23 0.00	43.62 2.70 0.00	41.59 2.47 0.00	41.92 2.30 0.00	38.04 2.19 0.00	36.99 2.90 0.00	40.82 3.64 -0.04	52.22 3.72 -10.60	52.68 3.63 -10.05	54.13 4.13 -6.01	62.98 4.22 -11.93	65.11 4.44 -11.86	119.37 5.02 -60.44	98.40 5.11 -37.73	119.71 5.99 -44.83	102.81 7.58 -14.62	91.60 7.92 -0.38	92.78 6.48 0.00	74.40 2.58 0.01	58.61 2.26 0.01	53.98 2.08 0.01	50.66 3.23 0.00
HOLTSVILLE_IC_4 23693	54.82 4.24 -4.01	45.85 3.98 -0.02	45.12 3.23 0.00	43.62 2.70 0.00	41.59 2.47 0.00	41.92 2.30 0.00	38.04 2.19 0.00	36.99 2.90 0.00	40.82 3.64 -0.04	52.22 3.72 -10.60	52.68 3.63 -10.05	54.13 4.13 -6.01	62.98 4.22 -11.93	65.11 4.44 -11.86	119.37 5.02 -60.44	98.40 5.11 -37.73	119.71 5.99 -44.83	102.81 7.58 -14.62	91.60 7.92 -0.38	92.78 6.48 0.00	74.40 2.58 0.01	58.61 2.26 0.01	53.98 2.08 0.01	50.66 3.23 0.00
HOLTSVILLE_IC_5 23694	54.82 4.24 -4.01	45.85 3.98 -0.02	45.12 3.23 0.00	43.62 2.70 0.00	41.59 2.47 0.00	41.92 2.30 0.00	38.04 2.19 0.00	36.99 2.90 0.00	40.82 3.64 -0.04	52.22 3.72 -10.60	52.68 3.63 -10.05	54.13 4.13 -6.01	62.98 4.22 -11.93	65.11 4.44 -11.86	119.37 5.02 -60.44	98.40 5.11 -37.73	119.71 5.99 -44.83	102.81 7.58 -14.62	91.60 7.92 -0.38	92.78 6.48 0.00	74.40 2.58 0.01	58.61 2.26 0.01	53.98 2.08 0.01	50.66 3.23 0.00
HOLTSVILLE_IC_6 23695	55.15 4.57 -4.01	46.14 4.27 -0.02	45.37 3.48 0.00	43.82 2.91 0.00	41.79 2.66 0.00	42.12 2.50 0.00	38.21 2.37 0.00	37.16 3.07 0.00	41.04 3.86 -0.04	52.48 3.98 -10.60	52.99 3.94 -10.05	54.49 4.49 -6.01	63.19 4.64 -11.71	65.35 4.83 -11.71	120.09 5.50 -60.67	98.90 5.61 -37.73	120.48 6.68 -44.91	103.54 8.31 -14.62	92.35 8.66 -0.38	93.46 7.16 0.00	74.97 3.16 0.01	59.06 2.71 0.01	54.40 2.49 0.01	50.99 3.56 0.00
HOLTSVILLE_IC_7 23696	55.15 4.57 -4.01	46.14 4.27 -0.02	45.37 3.48 0.00	43.82 2.91 0.00	41.79 2.66 0.00	42.12 2.50 0.00	38.21 2.37 0.00	37.16 3.07 0.00	41.04 3.86 -0.04	52.48 3.98 -10.60	52.99 3.94 -10.05	54.49 4.49 -6.01	63.19 4.64 -11.71	65.35 4.83 -11.71	120.09 5.50 -60.67	98.90 5.61 -37.73	120.48 6.68 -44.91	103.54 8.31 -14.62	92.35 8.66 -0.38	93.46 7.16 0.00	74.97 3.16 0.01	59.06 2.71 0.01	54.40 2.49 0.01	50.99 3.56 0.00
HOLTSVILLE_IC_8 23697	55.15 4.57 -4.01	46.14 4.27 -0.02	45.37 3.48 0.00	43.82 2.91 0.00	41.79 2.66 0.00	42.12 2.50 0.00	38.21 2.37 0.00	37.16 3.07 0.00	41.04 3.86 -0.04	52.48 3.98 -10.60	52.99 3.94 -10.05	54.49 4.49 -6.01	63.19 4.64 -11.71	65.35 4.83 -11.71	120.09 5.50 -60.67	98.90 5.61 -37.73	120.48 6.68 -44.91	103.54 8.31 -14.62	92.35 8.66 -0.38	93.46 7.16 0.00	74.97 3.16 0.01	59.06 2.71 0.01	54.40 2.49 0.01	50.99 3.56 0.00
HOLTSVILLE_IC_9 23698	55.15 4.57 -4.01	46.14 4.27 -0.02	45.37 3.48 0.00	43.82 2.91 0.00	41.79 2.66 0.00	42.12 2.50 0.00	38.21 2.37 0.00	37.16 3.07 0.00	41.04 3.86 -0.04	52.48 3.98 -10.60	52.99 3.94 -10.05	54.49 4.49 -6.01	63.19 4.64 -11.71	65.35 4.83 -11.71	120.09 5.50 -60.67	98.90 5.61 -37.73	120.48 6.68 -44.91	103.54 8.31 -14.62	92.35 8.66 -0.38	93.46 7.16 0.00	74.97 3.16 0.01	59.06 2.71 0.01	54.40 2.49 0.01	50.99 3.56 0.00
HOMER_HL_115KV_TB2 355744	40.73 -3.91 1.92	37.16 -3.73 0.97	38.19 -3.69 0.02	37.38 -3.52 0.02	35.52 -3.60 0.00	36.13 -3.49 0.01	32.80 -3.05 0.00	31.45 -2.62 0.01	35.03 -1.67 0.44	36.51 -1.36 0.02	36.94 -1.76 0.31	40.64 -1.58 1.76	41.96 -2.58 2.30	43.85 -1.81 3.15	47.77 -2.70 3.46	50.05 -1.39 4.13	52.78 -1.24 14.88	64.13 -0.56 15.92	66.25 -0.17 16.89	69.82 -0.35 16.14	62.13 -2.94 6.75	50.82 -1.18 4.35	46.99 -1.66 3.26	42.78 -1.71 2.95
HOWARD_WT_PWR 323690	46.93 -2.28 -2.64	40.85 -2.38 -1.38	39.60 -2.39 -0.09	38.72 -2.29 -0.09	37.01 -2.11 0.00	37.61 -2.06 -0.04	34.02 -1.83 0.00	32.50 -1.64 -0.04	37.02 -1.93 -1.81	35.98 -2.01 -0.09	37.26 -2.22 -0.47	44.25 -2.29 -2.55	47.72 -2.29 -3.18	52.65 -2.29 -6.14	56.41 -2.26 -4.75	59.48 -1.83 -5.75	112.89 -1.72 -45.72	132.44 -0.89 -52.70	132.00 -0.08 -48.78	135.98 0.43 -49.25	81.25 -0.07 -9.50	62.54 -0.17 -6.35	55.55 -0.88 -4.52	51.69 -1.28 -5.53
HQ_GEN_CEDARS 23644	46.34 -0.23 0.00	41.65 -0.21 0.00	41.61 -0.29 0.00	40.67 -0.25 0.00	39.12 0.00 0.00	39.51 -0.12 0.00	35.78 -0.07 0.00	33.75 -0.34 0.00	36.99 -0.15 0.00	37.64 -0.27 0.00	38.77 -0.23 0.00	43.59 -0.40 0.00	46.51 -0.33 0.00	48.37 -0.44 0.00	53.17 -0.75 0.00	54.56 -1.00 0.00	67.65 -1.24 0.00	79.25 -1.37 0.00	81.47 -1.83 0.00	84.92 -1.38 0.00	71.32 -0.50 0.00	55.80 -0.56 0.00	51.65 -0.26 0.00	47.24 -0.19 0.00
HQ_GEN_CEDARS_PROXY 323590	46.34 -0.23 0.00	41.65 -0.21 0.00	41.65 -0.25 0.00	40.79 -0.12 0.00	39.12 0.00 0.00	39.51 -0.12 0.00	35.78 -0.07 0.00	33.75 -0.34 0.00	36.99 -0.15 0.00	36.92 -0.26 0.71	39.49 -0.23 -0.71	43.59 -0.40 0.00	46.51 -0.33 0.00	48.37 -0.44 0.00	53.06 -0.86 0.00	54.62 -0.94 0.00	67.66 -1.24 0.00	79.01 -1.61 0.00	81.47 -1.83 0.00	84.92 -1.38 0.00	71.32 -0.50 0.00	55.80 -0.56 0.00	51.65 -0.26 0.00	47.24 -0.19 0.00

HQ_GEN_CHPE_PROXY 323851	49.64 3.07 0.00	44.83 2.97 0.00	44.66 2.76 0.00	43.41 2.50 0.00	41.35 2.23 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.75 2.66 0.00	39.93 2.79 0.00	40.11 2.92 0.71	42.95 3.24 -0.71	47.69 3.70 -0.01	50.63 3.79 0.00	52.91 4.10 0.00	58.45 4.53 0.00	60.17 4.61 0.00	73.99 5.10 0.00	87.07 6.45 0.00	90.05 6.74 0.00	92.25 5.95 0.00	75.13 3.31 0.00	59.06 2.71 0.00	54.61 2.70 0.00	50.18 2.75 0.00
HQ_GEN_IMPORT 323601	46.52 -0.05 0.00	41.81 -0.04 0.00	41.81 -0.08 0.00	40.88 -0.04 0.00	39.08 -0.04 0.00	39.59 -0.04 0.00	35.85 0.00 0.00	33.92 -0.17 0.00	37.14 0.00 0.71	37.19 0.00 -0.71	39.76 0.04 0.00	43.99 0.00 0.00	46.88 0.05 0.00	48.81 0.00 0.00	53.76 -0.16 0.00	55.39 -0.17 0.00	68.62 -0.27 0.00	79.97 -0.65 0.00	82.31 -1.00 0.00	79.97 -0.78 5.56	77.23 -0.14 -5.56	56.25 -0.11 0.00	51.91 0.00 0.00	47.43 0.00 0.00
HQ_GEN_WHEEL 23651	46.52 -0.05 0.00	41.81 -0.04 0.00	41.81 -0.08 0.00	40.88 -0.04 0.00	39.08 -0.04 0.00	39.59 -0.04 0.00	35.85 0.00 0.00	33.92 -0.17 0.00	37.14 0.00 0.71	37.19 0.00 -0.71	39.76 0.04 0.00	43.99 0.00 0.00	46.88 0.05 0.00	48.81 0.00 0.00	53.76 -0.16 0.00	55.39 -0.17 0.00	68.62 -0.27 0.00	79.97 -0.65 0.00	82.31 -1.00 0.00	79.97 -0.78 5.56	77.23 -0.14 -5.56	56.25 -0.11 0.00	51.91 0.00 0.00	47.43 0.00 0.00
HUDSON_AVE_GT_3 23810	49.83 3.26 0.00	44.95 3.10 0.00	44.54 2.64 0.00	43.37 2.45 0.00	41.28 2.15 0.00	41.69 2.06 0.00	37.89 2.04 0.00	36.68 2.59 0.00	39.96 2.82 0.00	40.93 3.03 0.00	42.36 3.35 0.00	47.86 3.87 -0.01	50.82 3.98 0.00	53.10 4.30 0.00	58.72 4.80 0.00	60.45 4.89 0.00	74.34 5.44 0.00	87.07 6.45 0.00	90.38 7.08 0.00	92.69 6.39 0.00	75.41 3.59 0.00	59.29 2.93 0.00	54.82 2.91 0.00	50.33 2.89 0.00
HUDSON_AVE_GT_4 23540	49.83 3.26 0.00	44.95 3.10 0.00	44.54 2.64 0.00	43.37 2.45 0.00	41.28 2.15 0.00	41.69 2.06 0.00	37.89 2.04 0.00	36.68 2.59 0.00	39.96 2.82 0.00	40.93 3.03 0.00	42.36 3.35 0.00	47.86 3.87 -0.01	50.82 3.98 0.00	53.10 4.30 0.00	58.72 4.80 0.00	60.45 4.89 0.00	74.34 5.44 0.00	87.07 6.45 0.00	90.38 7.08 0.00	92.69 6.39 0.00	75.41 3.59 0.00	59.29 2.93 0.00	54.82 2.91 0.00	50.33 2.89 0.00
HUDSON_AVE_GT_5 23657	49.83 3.26 0.00	44.95 3.10 0.00	44.54 2.64 0.00	43.37 2.45 0.00	41.28 2.15 0.00	41.69 2.06 0.00	37.89 2.04 0.00	36.68 2.59 0.00	39.96 2.82 0.00	40.93 3.03 0.00	42.36 3.35 0.00	47.86 3.87 -0.01	50.82 3.98 0.00	53.10 4.30 0.00	58.72 4.80 0.00	60.45 4.89 0.00	74.34 5.44 0.00	87.07 6.45 0.00	90.38 7.08 0.00	92.69 6.39 0.00	75.41 3.59 0.00	59.29 2.93 0.00	54.82 2.91 0.00	50.33 2.89 0.00
HUDSON_AVE_10 24168	49.74 3.17 0.00	44.83 2.97 0.00	44.41 2.51 0.00	43.25 2.33 0.00	41.16 2.03 0.00	41.57 1.94 0.00	37.82 1.97 0.00	36.65 2.56 0.00	39.89 2.75 0.00	40.86 2.96 0.00	42.24 3.24 0.00	47.78 3.78 -0.01	50.68 3.84 0.00	53.01 4.20 0.00	58.61 4.69 0.00	60.28 4.72 0.00	74.13 5.24 0.00	86.83 6.21 0.00	90.13 6.83 0.00	92.52 6.21 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.72 2.80 0.00	50.23 2.80 0.00
HUDSON___115KV_TB 4 355613	48.81 2.24 0.00	43.82 1.97 0.00	43.74 1.84 0.00	42.68 1.76 0.00	40.69 1.56 0.00	41.21 1.59 0.00	37.21 1.36 0.00	35.39 1.30 0.00	38.18 1.04 0.00	38.85 0.95 0.00	39.94 0.94 0.00	45.13 1.14 0.00	47.91 1.08 0.00	50.08 1.27 0.00	55.54 1.62 0.00	57.45 1.89 0.00	71.51 2.62 0.00	84.33 3.71 0.00	88.22 4.91 0.00	91.22 4.92 0.00	75.34 3.52 0.00	59.18 2.82 0.00	54.30 2.39 0.00	49.57 2.13 0.00
HUNTER MOUNT___DRP 323613	48.99 2.42 0.00	43.95 2.09 0.00	43.87 1.97 0.00	42.80 1.88 0.00	40.81 1.68 0.00	41.33 1.70 0.00	37.28 1.43 0.00	35.42 1.33 0.00	38.22 1.08 0.00	38.85 0.95 0.00	39.90 0.90 0.00	45.09 1.10 0.00	47.91 1.08 0.00	50.13 1.32 0.00	55.59 1.67 0.00	57.51 1.94 0.00	71.72 2.82 0.00	84.65 4.03 0.00	88.72 5.41 0.00	91.83 5.52 0.00	75.84 4.02 0.00	59.51 3.16 0.00	54.61 2.70 0.00	49.81 2.37 0.00
HUNTINGTON_RES_REC 323705	54.72 4.14 -4.01	45.80 3.93 -0.02	45.12 3.23 0.00	43.57 2.66 0.00	41.55 2.43 0.00	41.88 2.26 0.00	38.00 2.15 0.00	36.95 2.86 0.00	40.78 3.60 -0.04	52.22 3.72 -10.60	52.52 3.47 -10.05	54.01 3.91 -6.11	61.35 4.07 -10.44	63.94 4.30 -10.83	128.52 4.91 -69.69	98.28 5.00 -37.72	122.64 5.85 -47.89	102.68 7.41 -14.65	91.34 7.66 -0.38	92.52 6.22 0.00	74.18 2.37 0.01	58.32 1.97 0.01	53.67 1.77 0.01	50.51 3.08 0.00
HUNTLEY___63 23557	39.74 -4.75 2.08	36.24 -4.56 1.05	37.23 -4.65 0.02	36.39 -4.50 0.02	34.94 -4.19 0.00	35.34 -4.28 0.01	32.12 -3.73 0.00	30.88 -3.20 0.01	33.10 -3.60 0.44	33.94 -3.94 0.02	34.66 -4.02 0.33	37.54 -4.53 1.91	40.03 -4.31 2.49	40.80 -4.64 3.37	45.65 -4.53 3.74	46.59 -4.50 4.47	47.95 -5.44 15.50	58.34 -5.72 16.55	60.06 -5.58 17.66	63.38 -6.04 16.89	59.19 -5.31 7.31	46.96 -4.68 4.72	43.96 -4.41 3.54	40.15 -4.13 3.16
HUNTLEY___64 23558	39.74 -4.75 2.08	36.24 -4.56 1.05	37.23 -4.65 0.02	36.39 -4.50 0.02	34.94 -4.19 0.00	35.34 -4.28 0.01	32.12 -3.73 0.00	30.88 -3.20 0.01	33.10 -3.60 0.44	33.94 -3.94 0.02	34.66 -4.02 0.33	37.54 -4.53 1.91	40.03 -4.31 2.49	40.80 -4.64 3.37	45.65 -4.53 3.74	46.59 -4.50 4.47	47.95 -5.44 15.50	58.34 -5.72 16.55	60.06 -5.58 17.66	63.38 -6.04 16.89	59.19 -5.31 7.31	46.96 -4.68 4.72	43.96 -4.41 3.54	40.15 -4.13 3.16
HUNTLEY___65 23559	39.74 -4.75 2.08	36.24 -4.56 1.05	37.23 -4.65 0.02	36.39 -4.50 0.02	34.94 -4.19 0.00	35.34 -4.28 0.01	32.12 -3.73 0.00	30.88 -3.20 0.01	33.10 -3.60 0.44	33.94 -3.94 0.02	34.66 -4.02 0.33	37.54 -4.53 1.91	40.03 -4.31 2.49	40.80 -4.64 3.37	45.65 -4.53 3.74	46.59 -4.50 4.47	47.95 -5.44 15.50	58.34 -5.72 16.55	60.06 -5.58 17.66	63.38 -6.04 16.89	59.19 -5.31 7.31	46.96 -4.68 4.72	43.96 -4.41 3.54	40.15 -4.13 3.16
HUNTLEY___66 23560	39.74 -4.75 2.08	36.24 -4.56 1.05	37.23 -4.65 0.02	36.39 -4.50 0.02	34.94 -4.19 0.00	35.34 -4.28 0.01	32.12 -3.73 0.00	30.88 -3.20 0.01	33.10 -3.60 0.44	33.94 -3.94 0.02	34.66 -4.02 0.33	37.54 -4.53 1.91	40.03 -4.31 2.49	40.80 -4.64 3.37	45.65 -4.53 3.74	46.59 -4.50 4.47	47.95 -5.44 15.50	58.34 -5.72 16.55	60.06 -5.58 17.66	63.38 -6.04 16.89	59.19 -5.31 7.31	46.96 -4.68 4.72	43.96 -4.41 3.54	40.15 -4.13 3.16
HUNTLEY___67 23561	39.55 -4.84 2.17	36.11 -4.65 1.10	37.26 -4.61 0.03	36.43 -4.46 0.03	34.82 -4.30 0.00	35.33 -4.28 0.01	32.16 -3.69 0.00	30.91 -3.17 0.01	32.89 -3.75 0.50	34.09 -3.79 0.03	34.80 -3.86 0.35	37.59 -4.40 2.00	39.78 -4.45 2.60	40.44 -4.83 3.54	45.16 -4.85 3.91	46.13 -4.78 4.65	46.76 -5.58 16.56	56.71 -5.89 18.02	58.69 -5.75 18.87	61.84 -6.21 18.25	58.47 -5.75 7.60	46.66 -4.79 4.91	43.55 -4.67 3.69	39.75 -4.36 3.32

HUNTLEY___68 23562	39.55 -4.84 2.17	36.11 -4.65 1.10	37.26 -4.61 0.03	36.43 -4.46 0.03	34.82 -4.30 0.00	35.33 -4.28 0.01	32.16 -3.69 0.00	30.91 -3.17 0.01	32.89 -3.75 0.50	34.09 -3.79 0.03	34.80 -3.86 0.35	37.59 -4.40 2.00	39.78 -4.45 2.60	40.44 -4.83 3.54	45.16 -4.85 3.91	46.13 -4.78 4.65	46.76 -5.58 16.56	56.71 -5.89 18.02	58.69 -5.75 18.87	61.84 -6.21 18.25	58.47 -5.75 7.60	46.66 -4.79 4.91	43.55 -4.67 3.69	39.75 -4.36 3.32
HYLAND___LFGE 323620	47.61 -0.89 -1.92	41.62 -1.25 -1.02	40.64 -1.34 -0.08	39.73 -1.27 -0.08	38.03 -1.10 0.00	38.59 -1.07 -0.04	34.85 -1.00 0.00	33.14 -0.99 -0.04	36.97 -1.78 -1.61	35.63 -2.35 -0.08	36.48 -2.89 -0.36	42.71 -3.17 -1.89	46.02 -3.14 -2.32	50.34 -3.37 -4.90	54.32 -3.07 -3.46	56.71 -3.06 -4.20	105.06 -3.10 -39.26	123.78 -1.77 -44.94	124.90 0.25 -41.35	129.82 1.90 -41.62	80.65 1.86 -6.96	62.25 1.19 -4.71	55.58 0.37 -3.30	51.72 -0.09 -4.38
INDECK___CORINTH 23802	48.67 2.10 0.00	43.82 1.97 0.00	43.70 1.80 0.00	42.59 1.68 0.00	40.57 1.45 0.00	41.05 1.42 0.00	37.03 1.18 0.00	35.21 1.12 0.00	37.84 0.70 0.00	38.47 0.57 0.00	39.12 0.12 0.00	44.43 0.44 0.00	46.74 -0.09 0.00	48.76 -0.05 0.00	54.03 0.11 0.00	56.06 0.50 0.00	71.10 2.20 0.00	83.92 3.31 0.00	88.22 4.91 0.00	91.57 5.27 0.00	75.77 3.95 0.00	59.57 3.21 0.00	54.51 2.59 0.00	49.47 2.04 0.00
INDECK___ILION 23567	47.04 0.47 0.00	42.32 0.46 0.00	42.40 0.50 0.00	41.45 0.53 0.00	39.63 0.51 0.00	40.14 0.52 0.00	36.32 0.47 0.00	34.57 0.48 0.00	37.59 0.45 0.00	38.39 0.49 0.00	39.47 0.47 0.00	44.51 0.53 0.00	47.35 0.52 0.00	49.30 0.49 0.00	54.46 0.54 0.00	56.17 0.61 0.00	69.65 0.76 0.00	81.67 1.05 0.00	84.72 1.42 0.00	87.86 1.55 0.00	73.04 1.22 0.00	57.37 1.01 0.00	52.85 0.93 0.00	48.24 0.81 0.00
INDECK___OLEAN 23982	40.74 -3.91 1.92	36.99 -3.89 0.97	38.15 -3.73 0.02	37.29 -3.60 0.02	35.60 -3.52 0.00	36.05 -3.57 0.01	32.73 -3.12 0.00	31.46 -2.62 0.01	35.22 -1.49 0.44	36.40 -1.48 0.02	37.22 -1.48 0.31	40.64 -1.58 1.76	42.24 -2.29 2.30	43.85 -1.80 3.15	47.07 -3.40 3.46	49.99 -1.44 4.13	52.70 -1.31 14.88	64.22 -0.48 15.92	66.25 -0.17 16.89	69.73 -0.43 16.14	62.06 -3.01 6.75	50.82 -1.19 4.35	46.98 -1.66 3.26	42.78 -1.71 2.95
INDECK___OSWEGO 23783	46.97 -1.30 -1.70	41.45 -1.25 -0.85	40.73 -1.17 0.00	39.81 -1.10 0.00	38.07 -1.05 0.00	38.56 -1.07 0.00	34.88 -0.97 0.00	33.24 -0.85 0.00	36.03 -1.11 0.00	36.77 -1.14 0.00	37.93 -1.33 -0.25	44.06 -1.45 -1.52	47.36 -1.50 -2.03	49.44 -1.61 -2.24	55.36 -1.62 -3.05	57.52 -1.67 -3.63	72.51 -1.93 -5.54	86.20 -1.94 -7.52	89.58 -1.75 -8.03	93.09 -1.73 -8.52	76.16 -1.58 -5.92	58.83 -1.29 -3.77	53.44 -1.35 -2.88	48.32 -1.28 -2.16
INDECK___YERKES 23781	39.78 -4.70 2.08	36.32 -4.48 1.05	37.14 -4.73 0.02	36.31 -4.58 0.02	35.02 -4.11 0.00	35.41 -4.20 0.01	32.19 -3.66 0.00	30.81 -3.27 0.01	32.91 -3.79 0.44	34.05 -3.83 0.02	34.50 -4.17 0.33	37.59 -4.49 1.91	39.89 -4.45 2.49	40.71 -4.73 3.37	46.03 -4.15 3.74	46.64 -4.45 4.47	47.95 -5.44 15.50	58.42 -5.65 16.55	60.14 -5.50 17.66	63.37 -6.04 16.89	59.19 -5.31 7.31	47.07 -4.56 4.72	44.01 -4.36 3.54	40.19 -4.08 3.16
INDIAN POINT_GT_1 24139	49.18 2.61 0.00	44.37 2.51 0.00	44.04 2.14 0.00	42.92 2.00 0.00	40.88 1.76 0.00	41.33 1.70 0.00	37.53 1.68 0.00	36.17 2.08 0.00	39.37 2.23 0.00	40.33 2.43 0.00	41.73 2.73 0.00	47.15 3.17 0.00	50.11 3.28 0.00	52.37 3.56 0.00	57.86 3.94 0.00	59.62 4.06 0.00	73.44 4.55 0.00	86.10 5.48 0.00	89.47 6.16 0.00	91.83 5.52 0.00	74.91 3.09 0.00	58.84 2.48 0.00	54.30 2.39 0.00	49.85 2.42 0.00
INDIAN POINT_GT_2 23659	49.18 2.61 0.00	44.37 2.51 0.00	44.04 2.14 0.00	42.92 2.00 0.00	40.88 1.76 0.00	41.33 1.70 0.00	37.53 1.68 0.00	36.17 2.08 0.00	39.37 2.23 0.00	40.33 2.43 0.00	41.73 2.73 0.00	47.15 3.17 0.00	50.11 3.28 0.00	52.37 3.56 0.00	57.86 3.94 0.00	59.62 4.06 0.00	73.44 4.55 0.00	86.10 5.48 0.00	89.47 6.16 0.00	91.83 5.52 0.00	74.91 3.09 0.00	58.84 2.48 0.00	54.30 2.39 0.00	49.85 2.42 0.00
INDIAN POINT_GT_3 24019	49.18 2.61 0.00	44.37 2.51 0.00	44.04 2.14 0.00	42.92 2.00 0.00	40.88 1.76 0.00	41.33 1.70 0.00	37.53 1.68 0.00	36.17 2.08 0.00	39.37 2.23 0.00	40.33 2.43 0.00	41.73 2.73 0.00	47.15 3.17 0.00	50.11 3.28 0.00	52.37 3.56 0.00	57.86 3.94 0.00	59.62 4.06 0.00	73.44 4.55 0.00	86.10 5.48 0.00	89.47 6.16 0.00	91.83 5.52 0.00	74.91 3.09 0.00	58.84 2.48 0.00	54.30 2.39 0.00	49.85 2.42 0.00
INDIAN POINT___2 23530	49.08 2.51 0.00	44.28 2.43 0.00	44.12 2.22 0.00	42.96 2.04 0.00	40.92 1.80 0.00	41.41 1.78 0.00	37.57 1.72 0.00	36.24 2.15 0.00	39.41 2.27 0.00	40.25 2.35 0.00	41.69 2.69 0.00	47.02 3.03 0.00	50.02 3.19 0.00	52.22 3.42 0.00	57.70 3.77 0.00	59.45 3.89 0.00	73.31 4.41 0.00	86.18 5.56 0.00	89.30 6.00 0.00	91.57 5.27 0.00	74.77 2.95 0.00	58.73 2.37 0.00	54.19 2.28 0.00	49.76 2.32 0.00
INDIAN POINT___3 23531	49.09 2.51 0.00	44.28 2.43 0.00	43.95 2.05 0.00	42.84 1.92 0.00	40.85 1.72 0.00	41.25 1.62 0.00	37.46 1.61 0.00	36.14 2.05 0.00	39.33 2.19 0.00	40.25 2.35 0.00	41.70 2.69 0.00	47.07 3.08 0.00	50.02 3.18 0.00	52.27 3.47 0.00	57.75 3.83 0.00	59.45 3.89 0.00	73.30 4.41 0.00	85.94 5.32 0.00	89.22 5.91 0.00	91.65 5.35 0.00	74.77 2.94 0.00	58.73 2.37 0.00	54.25 2.34 0.00	49.76 2.32 0.00
INDIANHD_69_KV_BK1 55831	54.96 4.38 -4.01	45.97 4.10 -0.02	45.04 3.14 0.00	43.62 2.70 0.00	41.39 2.27 0.00	41.57 1.94 0.00	37.86 2.01 0.00	36.92 2.83 0.00	40.82 3.64 -0.04	52.33 3.83 -10.60	52.72 3.67 -10.05	54.30 4.22 -6.09	61.86 4.31 -10.71	64.47 4.64 -11.02	126.94 5.23 -67.79	98.62 5.33 -37.72	122.49 6.34 -47.26	102.84 7.58 -14.64	91.85 8.16 -0.38	93.12 6.82 0.00	74.54 2.73 0.01	58.66 2.31 0.01	54.09 2.18 0.01	50.71 3.27 0.00
INGHAM_C_115KV_TB7 356103	47.50 0.93 0.00	42.73 0.88 0.00	42.86 0.96 0.00	41.94 1.02 0.00	40.10 0.98 0.00	40.66 1.03 0.00	36.78 0.93 0.00	35.04 0.95 0.00	38.07 0.93 0.00	38.89 0.99 0.00	40.02 1.01 0.00	45.09 1.10 0.00	47.91 1.08 0.00	49.88 1.07 0.00	55.06 1.13 0.00	56.78 1.22 0.00	70.34 1.45 0.00	82.55 1.93 0.00	85.80 2.50 0.00	89.07 2.76 0.00	74.19 2.37 0.00	58.28 1.92 0.00	53.73 1.82 0.00	49.09 1.66 0.00
IP CORINTH___1 23988	48.95 2.38 0.00	44.03 2.18 0.00	43.87 1.97 0.00	42.76 1.84 0.00	40.73 1.60 0.00	41.21 1.59 0.00	37.18 1.33 0.00	35.35 1.26 0.00	37.99 0.85 0.00	38.66 0.76 0.00	39.28 0.27 0.00	44.60 0.62 0.00	46.98 0.14 0.00	48.96 0.15 0.00	54.30 0.38 0.00	56.34 0.78 0.00	71.44 2.55 0.00	84.16 3.55 0.00	88.72 5.41 0.00	92.00 5.70 0.00	76.13 4.31 0.00	59.91 3.55 0.00	54.77 2.86 0.00	49.71 2.28 0.00

IP__TICONDEROGA 23804	51.09 4.52 0.00	45.92 4.06 0.00	45.63 3.73 0.00	44.44 3.52 0.00	42.25 3.13 0.00	42.76 3.13 0.00	38.47 2.62 0.00	36.44 2.35 0.00	38.92 1.78 0.00	39.53 1.63 0.00	40.14 1.13 0.00	45.75 1.76 0.00	48.01 1.17 0.00	50.13 1.32 0.00	55.65 1.73 0.00	57.95 2.39 0.00	73.78 4.89 0.00	87.47 6.85 0.00	92.80 9.50 0.00	96.75 10.44 0.00	80.22 8.40 0.00	63.07 6.71 0.00	57.42 5.50 0.00	51.94 4.51 0.00
ISLIP_RES_REC 323679	55.42 4.84 -4.01	46.35 4.48 -0.02	45.54 3.64 0.00	43.99 3.07 0.00	41.94 2.82 0.00	42.24 2.61 0.00	38.36 2.51 0.00	37.29 3.20 0.00	41.23 4.05 -0.04	52.67 4.17 -10.60	53.23 4.18 -10.05	54.74 4.75 -6.00	63.44 4.92 -11.69	65.67 5.17 -11.69	119.57 5.88 -59.76	99.29 6.00 -37.73	120.67 7.16 -44.61	104.19 8.95 -14.62	92.93 9.25 -0.38	94.07 7.77 0.00	75.47 3.66 0.01	59.45 3.10 0.01	54.65 2.75 0.01	51.23 3.80 0.00
JAMAICA__27_KV_LOAD 355505	50.11 3.54 0.00	45.08 3.22 0.00	44.62 2.72 0.00	43.41 2.50 0.00	41.31 2.19 0.00	41.77 2.14 0.00	38.04 2.19 0.00	36.85 2.76 0.00	40.15 3.01 0.00	41.16 3.26 0.00	42.40 3.39 0.00	47.95 3.96 -0.01	50.91 4.07 0.00	53.25 4.44 0.00	58.94 5.01 0.00	60.67 5.11 0.00	74.47 5.58 0.00	87.31 6.69 0.00	90.72 7.41 0.00	93.04 6.73 0.00	75.63 3.81 0.00	59.46 3.10 0.00	55.13 3.22 0.00	50.52 3.08 0.00
JANIS__SOLAR 323808	47.60 1.02 0.00	42.57 0.71 -0.01	42.66 0.75 -0.01	41.70 0.78 -0.01	39.91 0.78 0.00	40.42 0.79 0.00	36.35 0.50 0.00	34.50 0.41 0.00	37.21 -0.07 -0.14	37.53 -0.38 -0.01	38.35 -0.66 -0.01	43.30 -0.71 -0.02	46.14 -0.70 -0.01	48.30 -0.73 -0.22	53.28 -0.64 -0.01	55.30 -0.28 -0.02	72.24 0.35 -3.00	85.76 1.77 -3.37	89.42 3.16 -2.95	93.32 4.06 -2.96	75.09 3.23 -0.04	58.83 2.42 -0.05	53.69 1.77 -0.01	49.03 1.42 -0.18
JARVIS____ 23743	46.76 0.19 0.00	42.02 0.17 0.00	42.07 0.17 0.00	41.08 0.16 0.00	39.28 0.16 0.00	39.78 0.16 0.00	35.96 0.11 0.00	34.23 0.14 0.00	37.21 0.07 0.00	37.98 0.08 0.00	39.08 0.08 0.00	44.12 0.13 0.00	46.93 0.09 0.00	48.91 0.10 0.00	54.09 0.16 0.00	55.73 0.17 0.00	69.10 0.21 0.00	80.94 0.32 0.00	83.80 0.50 0.00	86.82 0.52 0.00	72.04 0.22 0.00	56.59 0.23 0.00	52.07 0.16 0.00	47.58 0.14 0.00
JENNISON__1 23625	47.76 1.30 0.11	42.85 1.05 0.05	42.95 1.05 0.00	42.03 1.10 0.00	40.14 1.02 0.00	40.70 1.07 0.00	36.42 0.57 0.00	34.77 0.68 0.00	37.59 0.37 -0.08	38.09 0.19 0.00	39.07 0.08 0.01	44.07 0.18 0.09	46.84 0.14 0.13	48.93 0.15 0.03	53.99 0.27 0.20	55.94 0.61 0.23	71.48 1.31 -1.28	84.42 2.42 -1.38	88.06 3.67 -1.10	91.62 4.23 -1.09	74.60 3.16 0.38	58.67 2.54 0.23	53.65 1.92 0.19	48.95 1.57 0.05
JENNISON__2 23626	47.76 1.30 0.11	42.85 1.05 0.05	42.95 1.05 0.00	42.03 1.10 0.00	40.14 1.02 0.00	40.70 1.07 0.00	36.42 0.57 0.00	34.77 0.68 0.00	37.59 0.37 -0.08	38.09 0.19 0.00	39.07 0.08 0.01	44.07 0.18 0.09	46.84 0.14 0.13	48.93 0.15 0.03	53.99 0.27 0.20	55.94 0.61 0.23	71.48 1.31 -1.28	84.42 2.42 -1.38	88.06 3.67 -1.10	91.62 4.23 -1.09	74.60 3.16 0.38	58.67 2.54 0.23	53.65 1.92 0.19	48.95 1.57 0.05
JERICHO_RISE_WT_PWR 323719	45.68 -0.89 0.00	41.10 -0.75 0.00	41.19 -0.71 0.00	40.34 -0.57 0.00	38.66 -0.47 0.00	39.15 -0.47 0.00	35.49 -0.36 0.00	33.61 -0.48 0.00	36.88 -0.26 0.00	37.56 -0.34 0.00	38.65 -0.35 0.00	43.46 -0.53 0.00	46.32 -0.51 0.00	48.23 -0.58 0.00	52.90 -1.03 0.00	54.34 -1.22 0.00	67.10 -1.79 0.00	78.36 -2.26 0.00	80.80 -2.50 0.00	84.06 -2.24 0.00	70.39 -1.44 0.00	55.12 -1.24 0.00	51.19 -0.73 0.00	46.77 -0.66 0.00
KATONAH__115KV_46KV_TB4 355592	49.51 2.93 0.00	44.62 2.76 0.00	44.29 2.39 0.00	43.13 2.21 0.00	41.08 1.96 0.00	41.53 1.90 0.00	37.71 1.86 0.00	36.34 2.25 0.00	39.55 2.41 0.00	40.44 2.54 0.00	41.93 2.93 0.00	47.37 3.39 0.00	50.35 3.51 0.00	52.67 3.86 0.00	58.24 4.31 0.00	60.06 4.50 0.00	73.99 5.10 0.00	86.91 6.29 0.00	90.30 7.00 0.00	92.69 6.39 0.00	75.56 3.73 0.00	59.35 2.99 0.00	54.66 2.75 0.00	50.14 2.70 0.00
KCE_NY_1 323755	49.08 2.51 0.00	44.16 2.30 0.00	44.08 2.18 0.00	43.00 2.09 0.00	41.00 1.88 0.00	41.53 1.90 0.00	37.46 1.61 0.00	35.66 1.57 0.00	38.44 1.30 0.00	39.11 1.21 0.00	40.14 1.13 0.00	45.44 1.45 0.00	48.14 1.31 0.00	50.27 1.46 0.00	55.70 1.78 0.00	57.62 2.06 0.00	72.13 3.24 0.00	84.89 4.27 0.00	88.55 5.25 0.00	91.66 5.35 0.00	75.91 4.09 0.00	59.68 3.32 0.00	54.77 2.85 0.00	49.90 2.46 0.00
KCE_NY_6_ESR 323823	40.00 -4.38 2.20	36.56 -4.19 1.11	37.68 -4.19 0.03	36.80 -4.09 0.03	35.25 -3.87 0.00	35.69 -3.92 0.01	32.41 -3.44 0.00	31.18 -2.90 0.01	33.60 -3.01 0.54	34.84 -3.03 0.03	35.38 -3.28 0.35	38.45 -3.52 2.02	40.37 -3.84 2.63	41.31 -3.86 3.64	46.04 -3.93 3.94	47.13 -3.72 4.71	47.02 -4.20 17.66	57.60 -4.03 18.99	59.60 -3.75 19.95	62.94 -4.23 19.14	59.52 -4.60 7.71	47.89 -3.49 4.98	44.55 -3.64 3.73	40.52 -3.51 3.41
KEDC_PORT_JEFF_GT2 24210	55.05 4.47 -4.01	46.01 4.14 -0.02	45.29 3.39 0.00	43.74 2.82 0.00	41.71 2.58 0.00	42.04 2.42 0.00	38.15 2.30 0.00	37.09 3.00 0.00	40.97 3.79 -0.04	52.40 3.90 -10.60	52.88 3.82 -10.05	54.36 4.36 -6.02	62.89 4.40 -11.66	65.12 4.64 -11.67	120.66 5.23 -61.51	98.35 5.06 -37.73	120.01 5.93 -45.19	102.74 7.50 -14.62	91.43 7.75 -0.38	92.52 6.22 0.00	74.61 2.80 0.01	58.89 2.54 0.01	54.29 2.39 0.01	50.89 3.46 0.00
KEDC_PORT_JEFF_GT3 24211	55.05 4.47 -4.01	46.01 4.14 -0.02	45.29 3.39 0.00	43.74 2.82 0.00	41.71 2.58 0.00	42.04 2.42 0.00	38.15 2.30 0.00	37.09 3.00 0.00	40.97 3.79 -0.04	52.40 3.90 -10.60	52.88 3.82 -10.05	54.36 4.36 -6.02	62.89 4.40 -11.66	65.12 4.64 -11.67	120.66 5.23 -61.51	98.35 5.06 -37.73	120.01 5.93 -45.19	102.74 7.50 -14.62	91.43 7.75 -0.38	92.52 6.22 0.00	74.61 2.80 0.01	58.89 2.54 0.01	54.29 2.39 0.01	50.89 3.46 0.00
KEDC_GLWD_GT4 24219	54.12 3.54 -4.01	45.22 3.35 -0.02	44.83 2.93 0.00	43.45 2.54 0.00	41.43 2.31 0.00	41.80 2.18 0.00	37.96 2.11 0.00	36.78 2.69 0.00	40.26 3.08 -0.04	51.72 3.22 -10.60	52.60 3.55 -10.05	53.91 4.04 -5.87	61.81 4.26 -10.71	64.37 4.54 -11.02	104.55 4.75 -45.88	98.17 4.89 -37.72	114.54 5.58 -40.06	102.24 7.01 -14.61	91.02 7.33 -0.38	92.69 6.39 0.00	74.83 3.02 0.00	59.17 2.82 0.00	54.45 2.54 0.00	50.38 2.94 0.00
KEDC_GLWD_GT5 24220	54.12 3.54 -4.01	45.22 3.35 -0.02	44.83 2.93 0.00	43.45 2.54 0.00	41.43 2.31 0.00	41.80 2.18 0.00	37.96 2.11 0.00	36.78 2.69 0.00	40.26 3.08 -0.04	51.72 3.22 -10.60	52.60 3.55 -10.05	53.91 4.04 -5.87	61.81 4.26 -10.71	64.37 4.54 -11.02	104.55 4.75 -45.88	98.17 4.89 -37.72	114.54 5.58 -40.06	102.24 7.01 -14.61	91.02 7.33 -0.38	92.69 6.39 0.00	74.83 3.02 0.00	59.17 2.82 0.00	54.45 2.54 0.00	50.38 2.94 0.00

KENSICO____ 23655	49.37 2.79 0.00	44.53 2.68 0.00	44.16 2.26 0.00	43.04 2.13 0.00	41.00 1.88 0.00	41.45 1.82 0.00	37.64 1.79 0.00	36.31 2.22 0.00	39.52 2.38 0.00	40.48 2.58 0.00	41.89 2.89 0.00	47.33 3.34 0.00	50.25 3.42 0.00	52.57 3.76 0.00	58.02 4.10 0.00	59.78 4.22 0.00	73.65 4.75 0.00	86.34 5.72 0.00	89.72 6.41 0.00	92.09 5.78 0.00	75.05 3.23 0.00	58.95 2.59 0.00	54.46 2.54 0.00	49.95 2.51 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	49.32 2.75 0.00	44.37 2.51 0.00	44.08 2.18 0.00	42.96 2.05 0.00	40.96 1.84 0.00	41.45 1.82 0.00	37.57 1.72 0.00	36.10 2.01 0.00	39.22 2.08 0.00	40.10 2.20 0.00	41.42 2.42 0.00	46.80 2.82 0.00	49.83 3.00 0.00	52.13 3.32 0.00	57.70 3.77 0.00	59.56 4.00 0.00	73.72 4.82 0.00	86.83 6.21 0.00	90.38 7.08 0.00	92.95 6.65 0.00	75.99 4.17 0.00	59.51 3.16 0.00	54.82 2.91 0.00	50.14 2.70 0.00
KIAC_JFK_GT1 23816	49.78 3.21 0.00	44.83 2.97 0.00	44.33 2.43 0.00	43.17 2.25 0.00	41.08 1.96 0.00	41.53 1.90 0.00	37.82 1.97 0.00	36.65 2.56 0.00	39.93 2.79 0.00	40.93 3.03 0.00	42.16 3.16 0.00	47.64 3.65 -0.01	50.58 3.75 0.00	52.91 4.10 0.00	58.56 4.64 0.00	60.28 4.72 0.00	73.72 4.82 0.00	86.42 5.80 0.00	89.80 6.50 0.00	92.17 5.87 0.00	74.84 3.02 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.18 2.75 0.00
KIAC_JFK_GT2 23817	49.78 3.21 0.00	44.83 2.97 0.00	44.33 2.43 0.00	43.17 2.25 0.00	41.08 1.96 0.00	41.53 1.90 0.00	37.82 1.97 0.00	36.65 2.56 0.00	39.93 2.79 0.00	40.93 3.03 0.00	42.16 3.16 0.00	47.64 3.65 -0.01	50.58 3.75 0.00	52.91 4.10 0.00	58.56 4.64 0.00	60.28 4.72 0.00	73.72 4.82 0.00	86.42 5.80 0.00	89.80 6.50 0.00	92.17 5.87 0.00	74.84 3.02 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.18 2.75 0.00
KIAC_JFK____ 323774	49.78 3.21 0.00	44.83 2.97 0.00	44.58 2.68 0.00	43.29 2.37 0.00	41.24 2.11 0.00	41.68 2.06 0.00	37.96 2.11 0.00	36.82 2.73 0.00	40.07 2.93 0.00	40.93 3.03 0.00	42.16 3.16 0.00	47.60 3.61 0.00	50.58 3.75 0.00	52.86 4.05 0.00	58.50 4.58 0.00	60.23 4.67 0.00	73.71 4.82 0.00	86.74 6.12 0.00	89.80 6.50 0.00	92.00 5.69 0.00	74.91 3.09 0.00	59.01 2.65 0.00	54.77 2.85 0.00	50.18 2.75 0.00
KINTIGH_24_KV_GSU 356498	40.22 -4.43 1.92	36.74 -4.14 0.97	37.57 -4.31 0.01	36.73 -4.17 0.01	35.29 -3.83 0.00	35.70 -3.92 0.01	32.41 -3.44 0.00	31.15 -2.93 0.01	33.07 -3.79 0.28	34.06 -3.83 0.01	34.61 -4.09 0.30	37.70 -4.53 1.75	39.99 -4.54 2.30	40.88 -4.98 2.95	46.21 -4.26 3.46	46.49 -4.95 4.13	50.84 -5.99 12.06	58.93 -6.45 15.24	62.12 -6.33 14.85	63.94 -6.82 15.55	59.39 -5.68 6.76	46.99 -5.02 4.35	43.77 -4.88 3.26	40.14 -4.51 2.78
KINTIGH____ 23543	40.22 -4.42 1.92	36.62 -4.27 0.97	37.65 -4.23 0.01	36.81 -4.09 0.01	35.25 -3.87 0.00	35.74 -3.88 0.01	32.48 -3.37 0.00	31.22 -2.86 0.01	33.04 -3.83 0.28	33.98 -3.90 0.01	34.84 -3.86 0.30	37.70 -4.53 1.75	40.23 -4.31 2.30	40.88 -4.98 2.95	45.72 -4.75 3.46	46.43 -5.00 4.13	50.84 -5.99 12.06	58.93 -6.45 15.24	62.12 -6.33 14.85	63.94 -6.82 15.55	59.46 -5.60 6.76	46.94 -5.07 4.35	43.82 -4.83 3.26	40.14 -4.51 2.78
KNTFSRNC_46_KV_46KV_LOAD 80397	46.25 -0.33 0.00	41.60 -0.25 0.00	41.65 -0.25 0.00	40.71 -0.20 0.00	39.16 0.04 0.00	39.63 0.00 0.00	35.96 0.11 0.00	34.02 -0.07 0.00	37.33 0.19 0.00	37.94 0.04 0.00	39.04 0.04 0.00	43.85 -0.13 0.00	46.83 0.00 0.00	48.71 -0.10 0.00	53.65 -0.27 0.00	54.34 -1.22 0.00	66.90 -2.00 0.00	78.52 -2.10 0.00	80.80 -2.50 0.00	84.15 -2.16 0.00	70.53 -1.29 0.00	55.40 -0.96 0.00	51.86 -0.05 0.00	47.34 -0.09 0.00
LACHUTE____HYDRO 323717	51.09 4.52 0.00	45.91 4.06 0.00	45.67 3.77 0.00	44.47 3.56 0.00	42.33 3.21 0.00	42.80 3.17 0.00	38.50 2.65 0.00	36.48 2.39 0.00	38.96 1.82 0.00	39.53 1.63 0.00	40.17 1.17 0.00	45.75 1.76 0.00	48.01 1.17 0.00	50.13 1.32 0.00	55.65 1.73 0.00	57.95 2.39 0.00	73.86 4.96 0.00	87.71 7.10 0.00	92.79 9.49 0.00	96.83 10.53 0.00	80.22 8.40 0.00	63.06 6.70 0.00	57.41 5.50 0.00	51.94 4.51 0.00
LAWRNCV_115KV_TB1 80681	46.06 -0.51 0.00	41.39 -0.46 0.00	41.35 -0.54 0.00	40.43 -0.49 0.00	38.89 -0.23 0.00	39.19 -0.44 0.00	35.45 -0.39 0.00	33.37 -0.72 0.00	36.58 -0.56 0.00	37.18 -0.72 0.00	38.30 -0.70 0.00	43.06 -0.92 0.00	45.94 -0.89 0.00	47.74 -1.07 0.00	52.47 -1.46 0.00	53.84 -1.72 0.00	66.76 -2.14 0.00	78.28 -2.34 0.00	80.64 -2.67 0.00	84.32 -1.98 0.00	70.89 -0.93 0.00	55.46 -0.90 0.00	51.29 -0.62 0.00	46.86 -0.57 0.00
LEDERLE____ 23769	49.23 2.65 0.00	44.41 2.55 0.00	44.08 2.18 0.00	42.96 2.05 0.00	40.96 1.84 0.00	41.41 1.78 0.00	37.61 1.76 0.00	36.24 2.15 0.00	39.44 2.30 0.00	40.40 2.50 0.00	41.81 2.81 0.00	47.24 3.26 0.00	50.25 3.42 0.00	52.57 3.76 0.00	58.08 4.15 0.00	59.84 4.28 0.00	73.78 4.89 0.00	86.50 5.89 0.00	89.80 6.50 0.00	92.26 5.95 0.00	75.27 3.45 0.00	59.06 2.71 0.00	54.56 2.65 0.00	49.99 2.56 0.00
LIGHTHSE_115KV_TB6 355974	46.59 -0.33 -0.34	41.57 -0.46 -0.17	41.61 -0.29 0.00	40.67 -0.25 0.00	38.93 -0.20 0.00	39.39 -0.24 0.00	35.53 -0.32 0.00	33.71 -0.37 0.00	36.40 -0.74 0.00	37.11 -0.80 0.00	38.16 -0.90 -0.05	43.33 -0.97 -0.31	46.26 -0.98 -0.41	48.09 -1.17 -0.45	53.35 -1.19 -0.61	55.12 -1.17 -0.73	68.91 -1.10 -1.11	81.49 -0.64 -1.51	85.00 0.08 -1.61	88.53 0.52 -1.71	73.52 0.50 -1.19	57.40 0.28 -0.76	52.44 -0.05 -0.58	47.68 -0.19 -0.43
LINDEN COGEN____ 23786	49.55 2.98 0.00	44.70 2.85 0.00	44.50 2.60 0.00	43.25 2.33 0.00	41.20 2.07 0.00	41.65 2.02 0.00	37.86 2.01 0.00	36.68 2.59 0.00	39.85 2.71 0.00	40.75 2.84 0.00	42.20 3.20 0.00	47.60 3.61 -0.01	50.58 3.75 0.00	52.86 4.05 0.00	58.40 4.47 0.00	60.12 4.56 0.00	73.86 4.96 0.00	86.83 6.21 0.00	89.88 6.58 0.00	92.09 5.78 0.00	74.98 3.16 0.00	58.95 2.59 0.00	54.51 2.59 0.00	50.04 2.61 0.00
LINDHRST_69_KV_BK1 356055	55.38 4.80 -4.01	46.31 4.44 -0.02	45.42 3.52 0.00	43.94 3.03 0.00	41.75 2.62 0.00	41.92 2.30 0.00	38.18 2.33 0.00	37.19 3.10 0.00	41.08 3.90 -0.04	52.59 4.09 -10.60	53.27 4.21 -10.05	54.72 4.84 -5.89	62.80 5.01 -10.95	65.31 5.32 -11.19	108.05 6.04 -48.09	99.51 6.22 -37.72	117.05 7.37 -40.79	104.10 8.87 -14.61	93.18 9.50 -0.38	94.67 8.37 0.00	75.84 4.02 0.01	59.62 3.27 0.01	54.92 3.01 0.01	51.18 3.75 0.00
LIPA_MISC_IPP 23656	55.10 4.52 -4.01	46.06 4.19 -0.02	45.08 3.18 0.00	43.62 2.70 0.00	41.39 2.27 0.00	41.57 1.94 0.00	37.89 2.04 0.00	36.99 2.90 0.00	40.89 3.71 -0.04	52.40 3.90 -10.60	52.95 3.90 -10.05	54.52 4.53 -6.01	63.31 4.59 -11.89	65.52 4.88 -11.83	119.86 5.50 -60.44	98.96 5.67 -37.73	120.48 6.75 -44.83	103.38 8.14 -14.62	92.43 8.75 -0.38	93.73 7.42 0.00	74.97 3.16 0.01	59.00 2.65 0.01	54.45 2.54 0.01	50.94 3.51 0.00

LISF___SOLAR 323691	55.19 4.61 -4.01	46.14 4.27 -0.02	45.37 3.48 0.00	43.82 2.91 0.00	41.82 2.70 0.00	42.12 2.50 0.00	38.21 2.37 0.00	37.16 3.07 0.00	41.04 3.86 -0.04	52.48 3.98 -10.60	53.03 3.98 -10.05	54.53 4.53 -6.01	63.37 4.68 -11.85	65.54 4.93 -11.80	119.97 5.56 -60.49	99.07 5.78 -37.73	120.63 6.89 -44.85	103.87 8.63 -14.62	92.68 9.00 -0.38	93.81 7.50 0.00	75.19 3.38 0.01	59.17 2.82 0.01	54.50 2.59 0.01	51.04 3.60 0.00
LITTLE FALLS___HYD 24013	47.50 0.93 0.00	42.73 0.88 0.00	42.86 0.96 0.00	41.94 1.02 0.00	40.10 0.98 0.00	40.66 1.03 0.00	36.78 0.93 0.00	35.04 0.95 0.00	38.07 0.93 0.00	38.89 0.99 0.00	40.02 1.01 0.00	45.09 1.10 0.00	47.91 1.08 0.00	49.88 1.07 0.00	55.06 1.13 0.00	56.78 1.22 0.00	70.34 1.45 0.00	82.55 1.93 0.00	85.80 2.50 0.00	89.07 2.76 0.00	74.19 2.37 0.00	58.28 1.92 0.00	53.73 1.82 0.00	49.09 1.66 0.00
LITTLRIV_115KV_TB1 356100	46.52 -0.05 0.00	41.81 -0.04 0.00	41.73 -0.17 0.00	40.79 -0.12 0.00	39.28 0.16 0.00	39.55 -0.08 0.00	35.74 -0.11 0.00	33.58 -0.51 0.00	36.69 -0.45 0.00	37.29 -0.61 0.00	38.38 -0.62 0.00	43.15 -0.84 0.00	46.04 -0.80 0.00	47.83 -0.98 0.00	52.52 -1.40 0.00	53.95 -1.61 0.00	66.96 -1.93 0.00	78.68 -1.93 0.00	81.30 -2.00 0.00	85.27 -1.04 0.00	71.82 0.00 0.00	56.19 -0.17 0.00	51.86 -0.05 0.00	47.39 -0.05 0.00
LI_NEWBRDGE___DRP 323616	54.07 3.49 -4.01	45.22 3.35 -0.02	44.45 2.56 0.00	43.09 2.17 0.00	40.92 1.80 0.00	41.17 1.55 0.00	37.46 1.61 0.00	36.44 2.35 0.00	40.19 3.01 -0.04	51.68 3.18 -10.60	52.45 3.39 -10.05	53.73 3.87 -5.87	61.48 3.93 -10.71	64.08 4.25 -11.02	104.55 4.75 -45.88	98.17 4.89 -37.72	114.54 5.58 -40.07	101.92 6.69 -14.61	91.10 7.41 -0.38	92.69 6.39 0.00	73.97 2.15 0.01	58.15 1.80 0.01	53.57 1.66 0.01	49.99 2.56 0.00
LOCKPORT_115KV_TB60_63_64 80432	39.26 -5.31 2.01	35.74 -5.11 1.01	37.19 -4.69 0.02	36.36 -4.54 0.02	34.43 -4.69 0.00	35.30 -4.32 0.01	32.12 -3.73 0.00	30.81 -3.27 0.01	32.89 -3.86 0.38	33.56 -4.32 0.02	34.24 -4.45 0.31	37.13 -5.01 1.84	39.33 -5.10 2.40	40.30 -5.32 3.19	45.36 -4.96 3.60	45.98 -5.28 4.30	48.88 -5.86 14.16	57.05 -6.45 17.12	60.19 -6.25 16.87	62.20 -6.82 17.29	58.60 -6.18 7.04	46.57 -5.24 4.55	43.47 -5.04 3.40	39.83 -4.60 3.00
LOCKPORT___CC1 323769	39.26 -5.26 2.04	35.88 -4.94 1.03	37.10 -4.78 0.02	36.27 -4.62 0.02	34.51 -4.62 0.00	34.90 -4.72 0.01	31.73 -4.12 0.00	30.71 -3.38 0.01	32.72 -4.01 0.41	33.67 -4.21 0.02	34.16 -4.52 0.32	37.19 -4.93 1.88	39.19 -5.20 2.45	40.51 -5.03 3.28	45.67 -4.58 3.67	45.95 -5.22 4.38	48.11 -5.99 14.79	56.31 -6.45 17.86	59.42 -6.33 17.55	61.42 -6.91 17.98	58.39 -6.25 7.18	46.48 -5.24 4.64	43.36 -5.09 3.47	39.76 -4.60 3.08
LOCKPORT___CC2 323770	39.26 -5.26 2.04	35.88 -4.94 1.03	37.10 -4.78 0.02	36.27 -4.62 0.02	34.51 -4.62 0.00	34.90 -4.72 0.01	31.73 -4.12 0.00	30.71 -3.38 0.01	32.72 -4.01 0.41	33.67 -4.21 0.02	34.16 -4.52 0.32	37.19 -4.93 1.88	39.19 -5.20 2.45	40.51 -5.03 3.28	45.67 -4.58 3.67	45.95 -5.22 4.38	48.11 -5.99 14.79	56.31 -6.45 17.86	59.42 -6.33 17.55	61.42 -6.91 17.98	58.39 -6.25 7.18	46.48 -5.24 4.64	43.36 -5.09 3.47	39.76 -4.60 3.08
LOCKPORT___CC3 323771	39.26 -5.26 2.04	35.88 -4.94 1.03	37.10 -4.78 0.02	36.27 -4.62 0.02	34.51 -4.62 0.00	34.90 -4.72 0.01	31.73 -4.12 0.00	30.71 -3.38 0.01	32.72 -4.01 0.41	33.67 -4.21 0.02	34.16 -4.52 0.32	37.19 -4.93 1.88	39.19 -5.20 2.45	40.51 -5.03 3.28	45.67 -4.58 3.67	45.95 -5.22 4.38	48.11 -5.99 14.79	56.31 -6.45 17.86	59.42 -6.33 17.55	61.42 -6.91 17.98	58.39 -6.25 7.18	46.48 -5.24 4.64	43.36 -5.09 3.47	39.76 -4.60 3.08
LOCUSVLY_69_KV_BK2 55797	54.49 3.91 -4.01	45.55 3.68 -0.02	44.83 2.93 0.00	43.49 2.58 0.00	41.35 2.23 0.00	41.61 1.98 0.00	37.86 2.01 0.00	36.78 2.69 0.00	40.45 3.27 -0.04	51.99 3.49 -10.60	52.72 3.67 -10.05	54.07 4.22 -5.86	61.69 4.40 -10.46	64.39 4.73 -10.84	103.22 5.23 -44.07	98.72 5.44 -37.72	114.64 6.27 -39.47	102.73 7.50 -14.61	91.85 8.16 -0.38	93.47 7.16 0.00	75.05 3.23 0.00	59.06 2.71 0.00	54.40 2.49 0.00	50.56 3.13 0.00
LONG_LAKE_PHOENIX 24014	46.37 -1.16 -0.96	41.16 -1.17 -0.48	40.93 -0.96 0.00	40.02 -0.90 0.00	38.22 -0.90 0.00	38.71 -0.91 0.00	34.99 -0.86 0.00	33.37 -0.72 0.00	36.21 -0.93 0.00	36.88 -1.02 0.00	37.98 -1.17 -0.14	43.57 -1.28 -0.86	46.67 -1.31 -1.15	48.66 -1.42 -1.27	54.19 -1.46 -1.73	56.22 -1.39 -2.05	70.44 -1.58 -3.13	83.26 -1.61 -4.25	86.43 -1.42 -4.54	89.65 -1.47 -4.82	73.81 -1.36 -3.35	57.36 -1.13 -2.13	52.34 -1.19 -1.63	47.52 -1.14 -1.22
LOVETT___3 23632	48.99 2.42 0.00	44.20 2.34 0.00	43.87 1.97 0.00	42.76 1.84 0.00	40.77 1.64 0.00	41.21 1.59 0.00	37.39 1.54 0.00	36.07 1.98 0.00	39.26 2.12 0.00	40.21 2.31 0.00	41.62 2.61 0.00	47.02 3.04 0.00	49.97 3.14 0.00	52.23 3.42 0.00	57.64 3.72 0.00	59.39 3.83 0.00	73.16 4.27 0.00	85.78 5.16 0.00	89.05 5.75 0.00	91.48 5.18 0.00	74.62 2.80 0.00	58.61 2.25 0.00	54.14 2.23 0.00	49.71 2.28 0.00
LOVETT___4 23642	48.99 2.42 0.00	44.20 2.34 0.00	43.87 1.97 0.00	42.76 1.84 0.00	40.77 1.64 0.00	41.21 1.59 0.00	37.39 1.54 0.00	36.07 1.98 0.00	39.26 2.12 0.00	40.21 2.31 0.00	41.62 2.61 0.00	47.02 3.04 0.00	49.97 3.14 0.00	52.23 3.42 0.00	57.64 3.72 0.00	59.39 3.83 0.00	73.16 4.27 0.00	85.78 5.16 0.00	89.05 5.75 0.00	91.48 5.18 0.00	74.62 2.80 0.00	58.61 2.25 0.00	54.14 2.23 0.00	49.71 2.28 0.00
LOVETT___5 23593	48.99 2.42 0.00	44.20 2.34 0.00	43.87 1.97 0.00	42.76 1.84 0.00	40.77 1.64 0.00	41.21 1.59 0.00	37.39 1.54 0.00	36.07 1.98 0.00	39.26 2.12 0.00	40.21 2.31 0.00	41.62 2.61 0.00	47.02 3.04 0.00	49.97 3.14 0.00	52.23 3.42 0.00	57.64 3.72 0.00	59.39 3.83 0.00	73.16 4.27 0.00	85.78 5.16 0.00	89.05 5.75 0.00	91.48 5.18 0.00	74.62 2.80 0.00	58.61 2.25 0.00	54.14 2.23 0.00	49.71 2.28 0.00
LOWER RAQUET___HYD 24057	45.96 -0.61 0.00	41.31 -0.55 0.00	41.27 -0.63 0.00	40.51 -0.41 0.00	38.81 -0.31 0.00	39.11 -0.52 0.00	35.35 -0.50 0.00	33.27 -0.82 0.00	36.43 -0.71 0.00	37.07 -0.83 0.00	38.18 -0.82 0.00	42.89 -1.10 0.00	45.76 -1.08 0.00	47.54 -1.27 0.00	52.14 -1.78 0.00	53.61 -1.95 0.00	66.48 -2.41 0.00	77.88 -2.74 0.00	80.47 -2.83 0.00	84.15 -2.15 0.00	70.82 -1.01 0.00	55.35 -1.01 0.00	51.19 -0.73 0.00	46.77 -0.66 0.00
LOWER___HUDSON 24059	48.62 2.05 0.00	43.69 1.84 0.00	43.70 1.80 0.00	42.63 1.72 0.00	40.69 1.57 0.00	41.21 1.59 0.00	37.21 1.36 0.00	35.49 1.40 0.00	38.40 1.26 0.00	39.15 1.25 0.00	40.29 1.29 0.00	45.48 1.50 0.00	48.29 1.45 0.00	50.47 1.66 0.00	55.81 1.89 0.00	57.67 2.11 0.00	71.72 2.83 0.00	84.33 3.71 0.00	87.63 4.33 0.00	90.45 4.14 0.00	74.77 2.95 0.00	58.84 2.48 0.00	54.09 2.18 0.00	49.38 1.95 0.00

LOWVILLE_115KV_TB2 356335	46.99 0.42 0.00	42.11 0.25 0.00	42.15 0.25 0.00	41.28 0.37 0.00	39.59 0.47 0.00	39.98 0.36 0.00	35.92 0.07 0.00	33.85 -0.24 0.00	36.55 -0.59 0.00	37.29 -0.61 0.00	38.54 -0.47 0.00	43.50 -0.48 0.00	46.13 -0.70 0.00	47.83 -0.98 0.00	52.74 -1.19 0.00	53.95 -1.61 0.00	67.24 -1.65 0.00	79.57 -1.05 0.00	83.63 0.33 0.00	88.20 1.90 0.00	73.83 2.01 0.00	57.94 1.58 0.00	52.95 1.04 0.00	48.24 0.81 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	49.09 2.51 0.00	44.12 2.26 0.00	43.99 2.09 0.00	42.96 2.05 0.00	40.96 1.84 0.00	41.45 1.82 0.00	37.43 1.58 0.00	35.59 1.50 0.00	38.40 1.26 0.00	39.11 1.21 0.00	40.10 1.09 0.00	45.39 1.41 0.00	48.10 1.26 0.00	50.22 1.42 0.00	55.65 1.73 0.00	57.56 2.00 0.00	71.99 3.10 0.00	84.65 4.03 0.00	88.47 5.16 0.00	91.57 5.26 0.00	75.77 3.95 0.00	59.63 3.27 0.00	54.72 2.80 0.00	49.85 2.42 0.00
LUTHERNY_35_KV_BK2 355980	49.09 2.51 0.00	44.16 2.30 0.00	44.04 2.14 0.00	42.96 2.05 0.00	40.96 1.84 0.00	41.49 1.86 0.00	37.43 1.58 0.00	35.59 1.50 0.00	38.44 1.30 0.00	39.11 1.21 0.00	40.10 1.09 0.00	45.39 1.41 0.00	48.10 1.26 0.00	50.27 1.46 0.00	55.65 1.73 0.00	57.62 2.06 0.00	72.06 3.17 0.00	84.73 4.11 0.00	88.55 5.25 0.00	91.65 5.35 0.00	75.84 4.02 0.00	59.68 3.33 0.00	54.77 2.86 0.00	49.90 2.47 0.00
LWR__OSWEGATCHIE_HYD 23850	46.62 0.05 0.00	41.81 -0.04 0.00	41.81 -0.08 0.00	40.92 0.00 0.00	39.32 0.20 0.00	39.63 0.00 0.00	35.67 -0.18 0.00	33.58 -0.51 0.00	36.36 -0.78 0.00	37.07 -0.83 0.00	38.22 -0.78 0.00	43.15 -0.84 0.00	45.85 -0.98 0.00	47.54 -1.27 0.00	52.41 -1.51 0.00	53.73 -1.83 0.00	66.96 -1.93 0.00	79.17 -1.45 0.00	82.72 -0.58 0.00	87.08 0.78 0.00	72.97 1.15 0.00	57.15 0.79 0.00	52.38 0.47 0.00	47.72 0.28 0.00
LYONS_FALL_HYD 23570	47.13 0.56 0.00	42.23 0.38 0.00	42.27 0.38 0.00	41.41 0.49 0.00	39.63 0.51 0.00	40.06 0.44 0.00	36.03 0.18 0.00	34.06 -0.03 0.00	36.81 -0.33 0.00	37.60 -0.30 0.00	38.77 -0.23 0.00	43.81 -0.18 0.00	46.51 -0.33 0.00	48.27 -0.54 0.00	53.33 -0.59 0.00	54.73 -0.83 0.00	68.14 -0.76 0.00	80.54 -0.08 0.00	84.22 0.92 0.00	88.29 1.99 0.00	73.69 1.86 0.00	57.82 1.46 0.00	52.95 1.04 0.00	48.24 0.81 0.00
MADISON__COUNTY_LFGE 323628	47.04 0.75 0.28	42.30 0.59 0.14	42.53 0.63 0.00	41.57 0.65 0.00	39.75 0.63 0.00	40.22 0.59 0.00	36.28 0.43 0.00	34.40 0.31 0.00	37.21 0.07 0.00	37.98 0.08 0.04	39.00 0.04 0.25	43.82 0.09 0.33	46.64 0.14 0.37	48.54 0.10 0.37	53.58 0.16 0.50	55.19 0.22 0.60	68.53 0.55 0.91	80.59 1.21 1.23	83.90 1.92 1.32	87.32 2.42 1.40	72.79 1.94 0.97	57.21 1.47 0.62	52.53 1.09 0.47	47.98 0.90 0.35
MALONE__115KV_TB1 356076	46.06 -0.51 0.00	41.39 -0.46 0.00	41.40 -0.50 0.00	40.51 -0.41 0.00	39.01 -0.12 0.00	39.43 -0.20 0.00	35.74 -0.11 0.00	33.78 -0.31 0.00	37.10 -0.04 0.00	37.67 -0.23 0.00	38.77 -0.23 0.00	43.55 -0.44 0.00	46.51 -0.33 0.00	48.32 -0.49 0.00	53.17 -0.75 0.00	54.39 -1.17 0.00	67.38 -1.52 0.00	79.09 -1.53 0.00	81.55 -1.75 0.00	85.01 -1.29 0.00	71.25 -0.57 0.00	55.63 -0.73 0.00	51.60 -0.31 0.00	47.10 -0.33 0.00
MAPLEWOD_115KV_TB3 80458	48.34 1.77 0.00	43.49 1.63 0.00	43.41 1.51 0.00	42.39 1.47 0.00	40.41 1.29 0.00	40.93 1.31 0.00	37.00 1.15 0.00	35.28 1.19 0.00	38.22 1.08 0.00	39.00 1.10 0.00	40.14 1.13 0.00	45.35 1.36 0.00	48.15 1.31 0.00	50.27 1.46 0.00	55.65 1.73 0.00	57.51 1.94 0.00	71.51 2.62 0.00	83.76 3.14 0.00	87.30 4.00 0.00	90.01 3.71 0.00	74.33 2.51 0.00	58.50 2.14 0.00	53.73 1.82 0.00	49.14 1.71 0.00
MAPLE_RIDGE_WT_1 323574	45.68 -0.89 0.00	41.10 -0.75 0.00	41.15 -0.75 0.00	40.22 -0.70 0.00	38.50 -0.63 0.00	39.03 -0.59 0.00	35.35 -0.50 0.00	33.68 -0.41 0.00	36.81 -0.33 0.00	37.56 -0.34 0.00	38.58 -0.43 0.00	43.41 -0.57 0.00	46.13 -0.70 0.00	47.98 -0.83 0.00	52.84 -1.08 0.00	54.45 -1.11 0.00	67.52 -1.38 0.00	79.17 -1.45 0.00	81.97 -1.34 0.00	85.10 -1.21 0.00	70.82 -1.01 0.00	55.40 -0.96 0.00	51.03 -0.88 0.00	46.58 -0.85 0.00
MAPLE_RIDGE_WT_2 323611	45.68 -0.89 0.00	41.10 -0.75 0.00	41.15 -0.75 0.00	40.22 -0.70 0.00	38.50 -0.63 0.00	39.03 -0.59 0.00	35.35 -0.50 0.00	33.68 -0.41 0.00	36.81 -0.33 0.00	37.56 -0.34 0.00	38.58 -0.43 0.00	43.41 -0.57 0.00	46.13 -0.70 0.00	47.98 -0.83 0.00	52.84 -1.08 0.00	54.45 -1.11 0.00	67.52 -1.38 0.00	79.17 -1.45 0.00	81.97 -1.34 0.00	85.10 -1.21 0.00	70.82 -1.01 0.00	55.40 -0.96 0.00	51.03 -0.88 0.00	46.58 -0.85 0.00
MARBLE_RIVER_WT_PWR 323696	45.78 -0.79 0.00	41.18 -0.67 0.00	41.23 -0.67 0.00	40.38 -0.53 0.00	38.73 -0.39 0.00	39.23 -0.40 0.00	35.56 -0.29 0.00	33.65 -0.44 0.00	36.92 -0.22 0.00	37.60 -0.30 0.00	38.69 -0.31 0.00	43.50 -0.48 0.00	46.41 -0.42 0.00	48.27 -0.54 0.00	52.95 -0.97 0.00	54.34 -1.22 0.00	67.04 -1.86 0.00	78.28 -2.34 0.00	80.72 -2.58 0.00	83.98 -2.33 0.00	70.31 -1.51 0.00	55.12 -1.24 0.00	51.24 -0.68 0.00	46.87 -0.57 0.00
MARSHVLE_115KV_TB1 80742	48.71 2.14 0.00	43.70 1.84 0.00	43.62 1.72 0.00	42.55 1.64 0.00	40.61 1.49 0.00	41.09 1.47 0.00	36.75 0.90 0.00	34.36 0.27 0.00	36.88 -0.26 0.00	37.48 -0.42 0.00	38.46 -0.55 0.00	43.55 -0.44 0.00	46.18 -0.66 0.00	48.22 -0.59 0.00	53.44 -0.49 0.00	55.34 -0.22 0.00	69.31 0.41 0.00	81.83 1.21 0.00	86.22 2.92 0.00	90.62 4.32 0.00	75.63 3.81 0.00	59.57 3.21 0.00	54.46 2.54 0.00	49.52 2.09 0.00
MARSH_HILL_WT_PWR 323713	47.15 -2.33 -2.91	40.94 -2.43 -1.52	39.57 -2.43 -0.10	38.68 -2.33 -0.10	36.97 -2.15 0.00	37.57 -2.10 -0.05	33.95 -1.90 0.00	32.43 -1.70 -0.05	37.11 -2.01 -1.98	35.92 -2.08 -0.10	37.22 -2.30 -0.52	44.42 -2.38 -2.81	47.95 -2.39 -3.50	53.14 -2.39 -6.72	56.84 -2.32 -5.23	59.94 -1.95 -6.32	116.89 -1.86 -49.86	137.05 -1.05 -57.48	136.29 -0.25 -53.24	140.30 0.26 -53.74	81.98 -0.29 -10.44	63.06 -0.28 -6.98	55.90 -0.99 -4.97	52.16 -1.33 -6.06
MCINTYRE_115KV_TB2 80467	46.90 0.33 0.00	42.15 0.29 0.00	42.07 0.17 0.00	41.12 0.20 0.00	39.59 0.47 0.00	39.90 0.28 0.00	36.03 0.18 0.00	33.78 -0.31 0.00	36.92 -0.22 0.00	37.48 -0.42 0.00	38.61 -0.39 0.00	43.37 -0.62 0.00	46.27 -0.56 0.00	48.08 -0.73 0.00	52.84 -1.08 0.00	54.23 -1.33 0.00	67.38 -1.52 0.00	79.17 -1.45 0.00	81.89 -1.42 0.00	85.96 -0.35 0.00	72.47 0.65 0.00	56.64 0.28 0.00	52.28 0.36 0.00	47.81 0.38 0.00
MECO____69_KV_BK1 80468	49.69 3.12 0.00	44.58 2.72 0.00	44.41 2.51 0.00	43.37 2.45 0.00	41.31 2.19 0.00	41.81 2.18 0.00	37.43 1.58 0.00	35.08 0.99 0.00	37.47 0.33 0.00	38.02 0.11 0.00	38.89 -0.12 0.00	44.07 0.09 0.00	46.69 -0.14 0.00	48.81 0.00 0.00	54.08 0.16 0.00	56.12 0.56 0.00	70.48 1.58 0.00	83.52 2.90 0.00	88.38 5.08 0.00	92.69 6.39 0.00	77.28 5.46 0.00	60.75 4.40 0.00	55.55 3.63 0.00	50.47 3.04 0.00

MENANDS__115KV_TB5 355628	48.11 1.54 0.00	43.28 1.42 0.00	43.24 1.34 0.00	42.23 1.31 0.00	40.26 1.13 0.00	40.77 1.15 0.00	36.85 1.00 0.00	35.18 1.09 0.00	38.11 0.97 0.00	38.89 0.99 0.00	40.06 1.05 0.00	45.22 1.23 0.00	48.01 1.17 0.00	50.13 1.32 0.00	55.49 1.56 0.00	57.34 1.78 0.00	71.17 2.27 0.00	83.36 2.74 0.00	86.80 3.50 0.00	89.41 3.11 0.00	73.90 2.08 0.00	58.16 1.80 0.00	53.42 1.51 0.00	48.86 1.42 0.00
MG INDUSTRY__DRP 24185	48.15 1.58 0.00	43.32 1.46 0.00	43.28 1.38 0.00	42.27 1.35 0.00	40.34 1.21 0.00	40.85 1.23 0.00	36.82 0.97 0.00	35.01 0.92 0.00	37.88 0.74 0.00	38.58 0.68 0.00	39.75 0.74 0.00	44.87 0.88 0.00	47.63 0.80 0.00	49.74 0.93 0.00	55.06 1.13 0.00	56.84 1.28 0.00	70.62 1.72 0.00	82.79 2.18 0.00	86.38 3.08 0.00	89.32 3.02 0.00	73.90 2.08 0.00	58.16 1.80 0.00	53.47 1.56 0.00	48.90 1.47 0.00
MID__OSWEGATCHIE_HYD 23849	46.62 0.05 0.00	41.81 -0.04 0.00	41.81 -0.08 0.00	40.92 0.00 0.00	39.32 0.20 0.00	39.63 0.00 0.00	35.67 -0.18 0.00	33.58 -0.51 0.00	36.36 -0.78 0.00	37.07 -0.83 0.00	38.22 -0.78 0.00	43.15 -0.84 0.00	45.85 -0.98 0.00	47.54 -1.27 0.00	52.41 -1.51 0.00	53.73 -1.83 0.00	66.96 -1.93 0.00	79.17 -1.45 0.00	82.72 -0.58 0.00	87.08 0.78 0.00	72.97 1.15 0.00	57.15 0.79 0.00	52.38 0.47 0.00	47.72 0.28 0.00
MID__RAQUETTE_HYD 23851	45.97 -0.61 0.00	41.31 -0.54 0.00	41.27 -0.63 0.00	40.34 -0.57 0.00	38.81 -0.31 0.00	39.07 -0.55 0.00	35.35 -0.50 0.00	33.27 -0.82 0.00	36.43 -0.71 0.00	37.07 -0.83 0.00	38.19 -0.82 0.00	42.89 -1.10 0.00	45.76 -1.08 0.00	47.54 -1.27 0.00	52.25 -1.67 0.00	53.62 -1.94 0.00	66.48 -2.41 0.00	78.04 -2.58 0.00	80.47 -2.83 0.00	84.15 -2.16 0.00	70.82 -1.01 0.00	55.34 -1.01 0.00	51.19 -0.73 0.00	46.77 -0.66 0.00
MILLIKEN__1 23584	46.82 0.19 -0.06	41.89 0.00 -0.04	41.99 0.08 -0.01	41.05 0.12 -0.01	39.24 0.12 0.00	39.75 0.12 0.00	35.89 0.04 0.00	34.20 0.10 0.00	37.19 -0.11 -0.16	37.68 -0.23 -0.01	38.63 -0.39 -0.02	43.71 -0.35 -0.07	46.54 -0.37 -0.08	48.78 -0.34 -0.32	53.77 -0.27 -0.11	55.65 -0.06 -0.14	72.64 0.28 -3.47	85.59 1.05 -3.92	88.55 1.75 -3.50	91.80 1.98 -3.51	73.43 1.36 -0.25	57.56 1.01 -0.18	52.65 0.62 -0.11	48.18 0.47 -0.27
MILLIKEN__2 23585	46.82 0.19 -0.06	41.89 0.00 -0.04	41.99 0.08 -0.01	41.05 0.12 -0.01	39.24 0.12 0.00	39.75 0.12 0.00	35.89 0.04 0.00	34.20 0.10 0.00	37.19 -0.11 -0.16	37.68 -0.23 -0.01	38.63 -0.39 -0.02	43.71 -0.35 -0.07	46.54 -0.37 -0.08	48.78 -0.34 -0.32	53.77 -0.27 -0.11	55.65 -0.06 -0.14	72.64 0.28 -3.47	85.59 1.05 -3.92	88.55 1.75 -3.50	91.80 1.98 -3.51	73.43 1.36 -0.25	57.56 1.01 -0.18	52.65 0.62 -0.11	48.18 0.47 -0.27
MILLIKEN__DIESEL 23629	46.82 0.19 -0.06	41.89 0.00 -0.04	41.99 0.08 -0.01	41.05 0.12 -0.01	39.24 0.12 0.00	39.75 0.12 0.00	35.89 0.04 0.00	34.20 0.10 0.00	37.19 -0.11 -0.16	37.68 -0.23 -0.01	38.63 -0.39 -0.02	43.71 -0.35 -0.07	46.54 -0.37 -0.08	48.78 -0.34 -0.32	53.77 -0.27 -0.11	55.65 -0.06 -0.14	72.64 0.28 -3.47	85.59 1.05 -3.92	88.55 1.75 -3.50	91.80 1.98 -3.51	73.43 1.36 -0.25	57.56 1.01 -0.18	52.65 0.62 -0.11	48.18 0.47 -0.27
MILLSEAT__LFGE 323607	40.31 -4.33 1.93	36.66 -4.23 0.97	37.86 -4.02 0.02	37.01 -3.89 0.02	35.25 -3.87 0.00	35.66 -3.96 0.01	32.37 -3.48 0.00	31.29 -2.79 0.01	33.36 -3.45 0.33	34.21 -3.68 0.02	34.72 -3.98 0.30	37.95 -4.27 1.77	40.03 -4.50 2.31	41.54 -4.25 3.02	46.79 -3.67 3.47	47.09 -4.33 4.14	51.23 -4.75 12.91	60.13 -4.76 15.73	63.42 -4.34 15.55	65.57 -4.75 15.98	60.74 -4.31 6.77	48.16 -3.83 4.37	44.80 -3.84 3.28	41.03 -3.56 2.84
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	49.23 2.65 0.00	44.41 2.55 0.00	44.08 2.18 0.00	42.96 2.05 0.00	40.92 1.80 0.00	41.37 1.74 0.00	37.53 1.68 0.00	36.20 2.11 0.00	39.41 2.27 0.00	40.36 2.46 0.00	41.77 2.77 0.00	47.20 3.21 0.00	50.16 3.33 0.00	52.42 3.61 0.00	57.91 3.99 0.00	59.62 4.06 0.00	73.51 4.62 0.00	86.18 5.56 0.00	89.55 6.25 0.00	91.91 5.61 0.00	74.91 3.09 0.00	58.90 2.54 0.00	54.35 2.44 0.00	49.85 2.42 0.00
MILLWOOD_13_KV_LOAD 356217	49.37 2.79 0.00	44.53 2.68 0.00	44.16 2.26 0.00	43.04 2.13 0.00	41.00 1.88 0.00	41.45 1.82 0.00	37.64 1.79 0.00	36.27 2.18 0.00	39.48 2.34 0.00	40.40 2.50 0.00	41.85 2.85 0.00	47.29 3.30 0.00	50.25 3.42 0.00	52.52 3.71 0.00	58.08 4.15 0.00	59.84 4.28 0.00	73.72 4.82 0.00	86.50 5.89 0.00	89.88 6.58 0.00	92.26 5.95 0.00	75.20 3.38 0.00	59.06 2.71 0.00	54.51 2.60 0.00	49.99 2.56 0.00
MODEL_CITY_ENERGY 24167	38.76 -5.78 2.03	35.39 -5.44 1.03	36.85 -5.03 0.02	36.03 -4.87 0.02	34.08 -5.05 0.00	34.47 -5.15 0.01	31.33 -4.52 0.00	30.47 -3.61 0.01	32.39 -4.35 0.40	33.29 -4.59 0.02	33.69 -4.99 0.32	36.75 -5.37 1.87	38.64 -5.76 2.43	40.33 -5.22 3.25	45.47 -4.80 3.65	45.48 -5.72 4.36	47.81 -6.48 14.60	55.27 -7.26 18.09	58.66 -7.16 17.48	60.28 -7.85 18.17	57.57 -7.11 7.14	45.83 -5.92 4.62	42.85 -5.61 3.45	39.35 -5.03 3.06
MODERN_LFGE__ 323580	38.76 -5.78 2.03	35.39 -5.44 1.03	36.85 -5.03 0.02	36.03 -4.87 0.02	34.08 -5.05 0.00	34.47 -5.15 0.01	31.33 -4.52 0.00	30.47 -3.61 0.01	32.39 -4.35 0.40	33.29 -4.59 0.02	33.69 -4.99 0.32	36.75 -5.37 1.87	38.64 -5.76 2.43	40.33 -5.22 3.25	45.47 -4.80 3.65	45.48 -5.72 4.36	47.81 -6.48 14.60	55.27 -7.26 18.09	58.66 -7.16 17.48	60.28 -7.85 18.17	57.57 -7.11 7.14	45.83 -5.92 4.62	42.85 -5.61 3.45	39.35 -5.03 3.06
MOHAWK_PAPER__DRP 24187	48.34 1.77 0.00	43.49 1.63 0.00	43.41 1.51 0.00	42.39 1.47 0.00	40.41 1.29 0.00	40.93 1.31 0.00	37.00 1.15 0.00	35.28 1.19 0.00	38.22 1.08 0.00	39.00 1.10 0.00	40.14 1.13 0.00	45.35 1.36 0.00	48.15 1.31 0.00	50.27 1.46 0.00	55.65 1.73 0.00	57.51 1.94 0.00	71.51 2.62 0.00	83.76 3.14 0.00	87.30 4.00 0.00	90.01 3.71 0.00	74.33 2.51 0.00	58.50 2.14 0.00	53.73 1.82 0.00	49.14 1.71 0.00
MOHICAN__35_KV_115KV_LD 80490	49.32 2.75 0.00	44.37 2.51 0.00	44.20 2.30 0.00	43.09 2.17 0.00	41.04 1.92 0.00	41.53 1.90 0.00	37.46 1.61 0.00	35.59 1.50 0.00	38.25 1.11 0.00	38.92 1.02 0.00	39.63 0.62 0.00	45.00 1.01 0.00	47.40 0.56 0.00	49.44 0.63 0.00	54.89 0.97 0.00	56.95 1.39 0.00	71.99 3.10 0.00	84.81 4.19 0.00	89.30 6.00 0.00	92.60 6.30 0.00	76.70 4.88 0.00	60.36 4.00 0.00	55.18 3.27 0.00	50.14 2.70 0.00
MONGAUP__HYD 23641	48.99 2.42 0.00	44.07 2.22 0.00	43.95 2.05 0.00	42.80 1.88 0.00	40.84 1.72 0.00	41.33 1.70 0.00	37.42 1.58 0.00	35.90 1.81 0.00	38.89 1.75 0.00	39.65 1.74 0.00	40.91 1.91 0.00	46.19 2.20 0.00	49.18 2.34 0.00	51.35 2.54 0.00	56.83 2.91 0.00	58.67 3.11 0.00	72.68 3.79 0.00	85.85 5.24 0.00	89.38 6.08 0.00	92.09 5.78 0.00	75.41 3.59 0.00	59.12 2.76 0.00	54.46 2.54 0.00	49.80 2.37 0.00

MONTAUK___DIESEL 23721	55.33 4.75 -4.01	46.14 4.27 -0.02	45.08 3.18 0.00	43.62 2.70 0.00	41.39 2.27 0.00	41.45 1.82 0.00	37.82 1.97 0.00	37.09 3.00 0.00	41.45 4.27 -0.04	53.46 4.97 -10.60	54.55 5.50 -10.05	56.64 6.64 -6.01	65.73 7.03 -11.87	67.75 7.13 -11.82	122.20 7.82 -60.46	101.46 8.17 -37.73	123.58 9.85 -44.84	106.60 11.37 -14.62	95.43 11.75 -0.38	96.31 10.01 0.00	76.63 4.81 0.01	60.13 3.78 0.01	55.49 3.58 0.01	51.94 4.51 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.48 -4.01 2.09	36.86 -3.93 1.06	37.93 -3.94 0.03	37.13 -3.76 0.03	35.45 -3.68 0.00	36.01 -3.61 0.01	32.84 -3.01 0.00	31.42 -2.66 0.01	34.11 -2.53 0.50	35.53 -2.35 0.03	36.10 -2.57 0.33	39.30 -2.77 1.92	41.48 -2.86 2.50	42.57 -2.78 3.46	47.20 -2.97 3.75	48.75 -2.33 4.48	49.81 -2.41 16.67	60.93 -1.61 18.08	63.24 -1.17 18.90	66.70 -1.38 18.22	61.90 -2.59 7.33	49.37 -2.25 4.74	45.20 -3.17 3.55	40.59 -3.60 3.23
MORRIS_RIDGE___SOLAR 323848	39.24 -2.79 4.54	36.76 -2.76 2.33	39.03 -2.77 0.10	38.16 -2.66 0.10	36.62 -2.50 0.00	37.04 -2.54 0.05	33.52 -2.33 0.00	31.93 -2.11 0.05	32.65 -2.49 2.00	35.19 -2.61 0.10	35.39 -2.85 0.76	36.68 -3.03 4.27	38.25 -3.14 5.45	36.76 -3.17 8.88	42.53 -3.23 8.16	42.75 -3.00 9.81	10.26 -3.31 55.33	13.88 -2.98 63.75	20.22 -2.33 60.75	23.15 -2.07 61.08	53.61 -2.09 16.12	44.08 -1.69 10.59	42.05 -2.13 7.73	37.11 -2.18 8.15
MORTIMER_115KV_TB3 55949	42.21 -2.79 1.57	38.18 -2.89 0.79	39.09 -2.81 0.00	38.21 -2.70 0.00	36.58 -2.54 0.00	37.09 -2.54 0.00	33.63 -2.22 0.00	32.28 -1.81 0.00	34.45 -2.60 0.09	35.28 -2.62 0.00	36.19 -2.57 0.24	39.62 -2.95 1.42	42.20 -2.76 1.88	43.34 -3.27 2.20	48.14 -2.97 2.82	49.09 -3.11 3.36	58.46 -3.51 6.92	68.19 -3.47 8.97	70.94 -3.17 9.19	73.21 -3.45 9.64	63.53 -2.80 5.49	50.09 -2.76 3.51	46.40 -2.86 2.66	42.58 -2.75 2.10
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	49.64 3.07 0.00	44.83 2.97 0.00	44.41 2.51 0.00	43.25 2.33 0.00	41.20 2.07 0.00	41.61 1.98 0.00	37.82 1.97 0.00	36.58 2.49 0.00	39.81 2.67 0.00	40.78 2.88 0.00	42.20 3.20 0.00	47.69 3.69 -0.01	50.63 3.79 0.00	52.91 4.10 0.00	58.45 4.53 0.00	60.17 4.61 0.00	74.06 5.17 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.43 6.13 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.61 2.70 0.00	50.18 2.75 0.00
MUNSVILLE_WIND_PWR 323609	48.52 2.00 0.05	43.46 1.63 0.02	43.58 1.68 -0.01	42.68 1.76 -0.01	40.84 1.72 0.00	41.33 1.70 0.00	37.03 1.18 0.00	35.15 1.06 0.00	37.81 0.56 -0.11	38.25 0.34 -0.01	39.16 0.16 0.00	44.21 0.27 0.04	47.10 0.33 0.06	49.15 0.25 -0.09	54.31 0.48 0.10	56.34 0.89 0.11	72.95 1.93 -2.13	86.78 3.79 -2.37	90.82 5.50 -2.02	94.88 6.56 -2.02	76.96 5.31 0.17	60.33 4.06 0.09	54.88 3.06 0.09	50.01 2.51 -0.07
N SALMON___HYD 24042	46.06 -0.51 0.00	41.40 -0.46 0.00	41.44 -0.46 0.00	40.67 -0.24 0.00	39.01 -0.12 0.00	39.43 -0.20 0.00	35.74 -0.11 0.00	33.78 -0.31 0.00	37.10 -0.04 0.00	37.68 -0.23 0.00	38.77 -0.23 0.00	43.55 -0.44 0.00	46.51 -0.33 0.00	48.32 -0.49 0.00	53.01 -0.92 0.00	54.45 -1.11 0.00	67.38 -1.52 0.00	78.92 -1.70 0.00	81.55 -1.75 0.00	85.01 -1.29 0.00	71.24 -0.58 0.00	55.62 -0.73 0.00	51.60 -0.31 0.00	47.10 -0.33 0.00
N.AKRON__115KV_KNAPP 355671	40.20 -4.42 1.95	36.52 -4.35 0.98	37.86 -4.02 0.02	37.05 -3.85 0.02	35.13 -3.99 0.00	35.97 -3.65 0.01	32.73 -3.12 0.00	31.35 -2.73 0.01	33.45 -3.34 0.34	34.13 -3.75 0.02	34.84 -3.86 0.30	37.85 -4.35 1.78	40.15 -4.36 2.33	41.16 -4.59 3.06	46.22 -4.21 3.50	46.94 -4.44 4.18	50.95 -4.75 13.19	59.66 -4.92 16.04	62.88 -4.58 15.84	65.11 -4.92 16.28	60.46 -4.52 6.83	48.01 -3.95 4.41	44.66 -3.95 3.31	40.90 -3.65 2.88
N.BELMOR_69_KV_BK1 55787	54.59 4.01 -4.01	45.60 3.73 -0.02	44.83 2.93 0.00	43.45 2.54 0.00	41.28 2.15 0.00	41.53 1.90 0.00	37.79 1.94 0.00	36.75 2.66 0.00	40.48 3.31 -0.04	52.02 3.52 -10.60	52.80 3.74 -10.05	54.17 4.31 -5.87	62.00 4.45 -10.71	64.61 4.78 -11.02	105.14 5.34 -45.88	98.73 5.44 -37.72	115.23 6.27 -40.07	102.73 7.50 -14.61	91.93 8.25 -0.38	93.47 7.16 0.00	75.05 3.23 0.01	58.95 2.59 0.01	54.35 2.44 0.01	50.56 3.13 0.00
N.E._GEN_SANDY PD 24062	70.11 2.14 -21.40	60.00 1.97 -16.18	55.96 1.89 -12.17	52.00 1.80 -9.29	47.20 1.64 -6.43	44.56 1.66 -3.27	43.42 1.47 -6.10	40.85 1.64 -5.12	41.83 1.63 -3.06	40.47 1.67 -0.90	41.55 1.83 -0.71	45.97 1.98 0.00	48.94 2.11 0.00	51.10 2.29 0.00	56.51 2.59 0.00	59.49 2.72 -1.21	72.20 3.31 0.00	84.81 4.19 0.00	87.88 4.58 0.00	90.36 4.06 0.00	74.48 2.66 0.00	60.25 2.31 -1.58	53.99 2.08 0.00	49.80 1.99 -0.37
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	49.04 2.47 0.00	44.28 2.43 0.00	43.95 2.05 0.00	42.80 1.88 0.00	40.85 1.72 0.00	41.25 1.62 0.00	37.46 1.61 0.00	36.14 2.05 0.00	39.29 2.15 0.00	40.25 2.35 0.00	41.70 2.69 0.00	47.07 3.08 0.00	50.07 3.23 0.00	52.32 3.51 0.00	57.81 3.88 0.00	59.56 4.00 0.00	73.37 4.48 0.00	86.02 5.40 0.00	89.38 6.08 0.00	91.74 5.44 0.00	74.84 3.02 0.00	58.78 2.42 0.00	54.30 2.39 0.00	49.81 2.37 0.00
N.QUEENS_27_KV_LOAD 356247	49.93 3.35 -0.01	45.13 3.26 -0.01	44.71 2.81 0.00	43.49 2.58 0.00	41.31 2.19 0.00	41.49 1.86 0.00	37.75 1.90 0.00	36.65 2.56 0.00	39.81 2.67 0.00	40.82 2.92 0.00	42.36 3.35 0.00	47.91 3.91 -0.01	50.87 4.03 -0.01	53.11 4.30 -0.01	58.68 4.75 -0.01	60.62 5.06 0.00	74.34 5.44 0.00	87.07 6.45 0.00	89.97 6.66 0.00	92.09 5.78 0.00	74.84 3.02 0.00	59.18 2.82 0.00	54.87 2.96 0.00	50.47 3.04 0.00
N.TROY___115KV_TB1 355778	48.62 2.05 0.00	43.70 1.84 0.00	43.62 1.72 0.00	42.59 1.68 0.00	40.61 1.49 0.00	41.13 1.51 0.00	37.18 1.33 0.00	35.45 1.36 0.00	38.40 1.26 0.00	39.15 1.25 0.00	40.25 1.25 0.00	45.44 1.45 0.00	48.24 1.41 0.00	50.42 1.61 0.00	55.81 1.89 0.00	57.67 2.11 0.00	71.72 2.82 0.00	84.08 3.47 0.00	87.63 4.33 0.00	90.36 4.06 0.00	74.77 2.94 0.00	58.84 2.48 0.00	54.04 2.13 0.00	49.38 1.94 0.00
NARROWS_GT1_1 24228	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NARROWS_GT1_2 24229	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01

NARROWS_GT1_3 24230	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NARROWS_GT1_4 24231	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NARROWS_GT1_5 24232	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NARROWS_GT1_6 24233	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NARROWS_GT1_7 24234	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NARROWS_GT1_8 24235	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NARROWS_GT2_1 24236	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NARROWS_GT2_2 24237	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NARROWS_GT2_3 24238	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NARROWS_GT2_4 24239	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NARROWS_GT2_5 24240	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NARROWS_GT2_6 24241	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NARROWS_GT2_7 24242	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NARROWS_GT2_8 24243	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.63 7.33 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	48.99 2.42 0.00	43.95 2.09 0.00	43.87 1.97 0.00	42.80 1.88 0.00	40.81 1.68 0.00	41.33 1.70 0.00	37.28 1.43 0.00	35.42 1.33 0.00	38.22 1.08 0.00	38.85 0.95 0.00	39.90 0.90 0.00	45.09 1.10 0.00	47.91 1.08 0.00	50.13 1.32 0.00	55.59 1.67 0.00	57.51 1.94 0.00	71.72 2.82 0.00	84.65 4.03 0.00	88.72 5.41 0.00	91.83 5.52 0.00	75.84 4.02 0.00	59.51 3.16 0.00	54.61 2.70 0.00	49.81 2.37 0.00

NCHELSEA_115KV_TR2 355582	49.41 2.84 0.00	44.45 2.60 0.00	44.16 2.26 0.00	43.04 2.13 0.00	41.04 1.92 0.00	41.49 1.86 0.00	37.64 1.79 0.00	36.20 2.11 0.00	39.37 2.23 0.00	40.25 2.35 0.00	41.62 2.61 0.00	47.02 3.04 0.00	50.02 3.18 0.00	52.37 3.56 0.00	57.97 4.04 0.00	59.78 4.22 0.00	73.85 4.96 0.00	86.74 6.13 0.00	90.22 6.91 0.00	92.69 6.39 0.00	75.70 3.88 0.00	59.35 2.99 0.00	54.72 2.80 0.00	50.14 2.70 0.00
NEG CAPITAL___MECHNVIL 23645	49.22 2.65 0.00	44.24 2.38 0.00	44.16 2.26 0.00	43.08 2.17 0.00	41.08 1.96 0.00	41.61 1.98 0.00	37.53 1.69 0.00	35.73 1.64 0.00	38.59 1.45 0.00	39.26 1.36 0.00	40.33 1.33 0.00	45.62 1.63 0.00	48.38 1.54 0.00	50.52 1.71 0.00	55.97 2.05 0.00	57.89 2.33 0.00	72.40 3.51 0.00	85.29 4.67 0.00	88.88 5.58 0.00	92.00 5.69 0.00	76.13 4.31 0.00	59.85 3.50 0.00	54.92 3.01 0.00	50.04 2.61 0.00
NEG CENTRAL_HIGH_ACRES 23767	42.02 -3.12 1.43	38.13 -3.01 0.71	38.79 -3.10 0.00	37.93 -2.99 0.00	36.38 -2.74 0.00	36.81 -2.81 0.00	33.34 -2.51 0.00	31.94 -2.15 0.00	34.32 -2.75 0.08	35.13 -2.77 0.00	35.82 -2.97 0.22	39.49 -3.21 1.29	41.90 -3.23 1.71	43.25 -3.56 2.00	48.28 -3.07 2.57	49.00 -3.50 3.06	58.58 -4.06 6.25	68.37 -4.11 8.13	71.06 -3.91 8.33	73.32 -4.23 8.75	63.30 -3.52 5.00	50.01 -3.15 3.19	46.27 -3.22 2.42	42.44 -3.08 1.91
NEG CENTRAL___DRP 24199	47.11 -0.09 -0.63	41.85 -0.33 -0.33	41.66 -0.25 -0.02	40.73 -0.20 -0.02	38.89 -0.23 0.00	39.48 -0.16 -0.01	35.63 -0.22 0.00	34.00 -0.10 -0.01	37.15 -0.33 -0.35	37.50 -0.42 -0.02	38.53 -0.59 -0.11	44.06 -0.53 -0.60	47.08 -0.52 -0.76	49.66 -0.49 -1.34	54.74 -0.32 -1.14	56.93 0.00 -1.37	78.47 0.41 -9.16	92.49 1.21 -10.66	95.24 2.00 -9.94	98.62 2.24 -10.07	75.59 1.51 -2.26	58.93 1.07 -1.50	53.56 0.57 -1.08	48.98 0.33 -1.22
NEG CENTRAL___INDECK 23768	47.07 -1.44 -1.94	41.20 -1.68 -1.02	40.22 -1.76 -0.08	39.32 -1.68 -0.08	37.64 -1.49 0.00	38.20 -1.47 -0.04	34.49 -1.36 0.00	32.93 -1.19 -0.04	36.94 -1.82 -1.62	35.86 -2.12 -0.08	36.91 -2.46 -0.36	43.30 -2.60 -1.90	46.60 -2.58 -2.34	51.00 -2.73 -4.93	55.10 -2.32 -3.49	57.41 -2.39 -4.24	106.02 -2.34 -39.47	124.35 -1.45 -45.18	124.72 -0.17 -41.58	128.84 0.69 -41.85	79.41 0.57 -7.02	61.27 0.17 -4.74	54.77 -0.47 -3.33	51.03 -0.81 -4.41
NEG CENTRAL___SENECA 23627	47.63 0.28 -0.78	42.22 -0.04 -0.41	41.93 0.00 -0.03	40.99 0.04 -0.03	39.12 0.00 0.00	39.72 0.08 -0.01	35.85 0.00 0.00	34.21 0.10 -0.01	37.59 -0.11 -0.56	37.70 -0.23 -0.03	38.76 -0.39 -0.14	44.48 -0.26 -0.76	47.54 -0.23 -0.94	50.52 -0.15 -1.86	55.39 0.05 -1.41	57.77 0.50 -1.71	84.12 1.17 -14.06	99.17 2.34 -16.21	101.60 3.33 -14.97	105.22 3.80 -15.12	77.23 2.59 -2.82	60.17 1.92 -1.89	54.50 1.25 -1.34	50.00 0.90 -1.67
NEG CENTRAL___STATE_STREET 24147	46.31 -0.47 -0.20	41.33 -0.63 -0.11	41.40 -0.50 -0.01	40.47 -0.45 -0.01	38.69 -0.43 0.00	39.19 -0.44 0.00	35.42 -0.43 0.00	33.79 -0.31 0.00	36.66 -0.59 -0.11	37.22 -0.68 -0.01	38.26 -0.78 -0.04	43.39 -0.79 -0.19	46.33 -0.75 -0.24	48.46 -0.78 -0.43	53.53 -0.75 -0.37	55.45 -0.56 -0.44	71.49 -0.34 -2.94	84.18 0.16 -3.40	87.15 0.67 -3.19	90.30 0.78 -3.22	72.98 0.43 -0.73	57.07 0.23 -0.48	52.16 -0.10 -0.35	47.59 -0.24 -0.39
NEG MILLWOOD___DRP 24198	49.64 3.07 0.00	44.74 2.89 0.00	44.37 2.47 0.00	43.25 2.33 0.00	41.20 2.07 0.00	41.65 2.02 0.00	37.82 1.97 0.00	36.37 2.28 0.00	39.55 2.41 0.00	40.44 2.54 0.00	41.93 2.93 0.00	47.37 3.39 0.00	50.35 3.51 0.00	52.71 3.90 0.00	58.40 4.48 0.00	60.23 4.67 0.00	74.27 5.37 0.00	87.31 6.69 0.00	90.80 7.50 0.00	93.21 6.90 0.00	76.06 4.24 0.00	59.74 3.38 0.00	54.92 3.01 0.00	50.37 2.94 0.00
NEG NORTH_FLCN_SEA 23793	46.20 -0.37 0.00	41.56 -0.29 0.00	41.61 -0.29 0.00	40.71 -0.20 0.00	39.12 0.00 0.00	39.59 -0.04 0.00	35.92 0.07 0.00	34.02 -0.07 0.00	37.33 0.19 0.00	37.98 0.08 0.00	39.04 0.04 0.00	43.90 -0.09 0.00	46.88 0.05 0.00	48.76 -0.05 0.00	53.65 -0.27 0.00	54.01 -1.56 0.00	66.21 -2.69 0.00	77.55 -3.06 0.00	79.80 -3.50 0.00	83.11 -3.19 0.00	69.59 -2.23 0.00	54.89 -1.47 0.00	51.76 -0.16 0.00	47.29 -0.14 0.00
NEG NORTH_KES_CHATEGAY 23792	45.78 -0.79 0.00	41.19 -0.67 0.00	41.23 -0.67 0.00	40.30 -0.61 0.00	38.73 -0.39 0.00	39.23 -0.40 0.00	35.56 -0.29 0.00	33.65 -0.44 0.00	36.88 -0.26 0.00	37.56 -0.34 0.00	38.61 -0.39 0.00	43.41 -0.57 0.00	46.32 -0.52 0.00	48.17 -0.63 0.00	53.06 -0.86 0.00	54.23 -1.33 0.00	67.03 -1.86 0.00	78.52 -2.10 0.00	80.89 -2.42 0.00	84.23 -2.07 0.00	70.53 -1.29 0.00	55.23 -1.13 0.00	51.29 -0.62 0.00	46.86 -0.57 0.00
NEG NORTH___ALICE_FALLS 23915	46.25 -0.33 0.00	41.60 -0.25 0.00	41.65 -0.25 0.00	40.71 -0.20 0.00	39.16 0.04 0.00	39.63 0.00 0.00	35.96 0.11 0.00	34.02 -0.07 0.00	37.33 0.19 0.00	37.94 0.04 0.00	39.04 0.04 0.00	43.85 -0.13 0.00	46.83 0.00 0.00	48.71 -0.10 0.00	53.65 -0.27 0.00	54.34 -1.22 0.00	66.90 -2.00 0.00	78.52 -2.10 0.00	80.80 -2.50 0.00	84.15 -2.16 0.00	70.53 -1.29 0.00	55.40 -0.96 0.00	51.86 -0.05 0.00	47.34 -0.09 0.00
NEG NORTH___LWR_SARANAC 23913	46.25 -0.33 0.00	41.60 -0.25 0.00	41.65 -0.25 0.00	40.71 -0.20 0.00	39.16 0.04 0.00	39.63 0.00 0.00	35.96 0.11 0.00	34.02 -0.07 0.00	37.33 0.19 0.00	37.94 0.04 0.00	39.04 0.04 0.00	43.85 -0.13 0.00	46.83 0.00 0.00	48.71 -0.10 0.00	53.65 -0.27 0.00	54.34 -1.22 0.00	66.90 -2.00 0.00	78.52 -2.10 0.00	80.80 -2.50 0.00	84.15 -2.16 0.00	70.53 -1.29 0.00	55.40 -0.96 0.00	51.86 -0.05 0.00	47.34 -0.09 0.00
NEG NORTH___PLATTSBURG 23628	46.25 -0.32 0.00	41.61 -0.25 0.00	41.65 -0.25 0.00	40.88 -0.04 0.00	39.16 0.04 0.00	39.67 0.04 0.00	35.96 0.11 0.00	34.02 -0.07 0.00	37.33 0.19 0.00	37.94 0.04 0.00	39.04 0.04 0.00	43.86 -0.13 0.00	46.83 0.00 0.00	48.71 -0.10 0.00	53.22 -0.70 0.00	54.45 -1.11 0.00	66.89 -2.00 0.00	78.36 -2.26 0.00	80.80 -2.50 0.00	84.15 -2.15 0.00	70.53 -1.29 0.00	55.40 -0.96 0.00	51.86 -0.05 0.00	47.34 -0.09 0.00
NEG WEST_LEA_LOCKPORT 23791	39.26 -5.26 2.04	35.76 -5.06 1.03	37.19 -4.69 0.02	36.35 -4.54 0.02	34.47 -4.66 0.00	35.30 -4.32 0.01	32.12 -3.73 0.00	30.81 -3.27 0.01	32.83 -3.90 0.41	33.60 -4.28 0.02	34.31 -4.37 0.32	37.18 -4.93 1.88	39.38 -5.01 2.45	40.21 -5.32 3.28	45.24 -5.01 3.67	45.90 -5.28 4.38	48.18 -5.92 14.79	56.31 -6.45 17.86	59.43 -6.33 17.55	61.51 -6.82 17.98	58.40 -6.25 7.18	46.48 -5.24 4.64	43.41 -5.04 3.47	39.76 -4.60 3.08
NEG WEST___LANCASTR 23811	40.39 -4.14 2.04	36.89 -3.93 1.03	38.02 -3.85 0.02	37.17 -3.72 0.02	35.33 -3.80 0.00	35.93 -3.69 0.01	32.62 -3.23 0.00	31.28 -2.80 0.01	34.92 -1.75 0.47	36.32 -1.55 0.02	36.73 -1.95 0.32	40.32 -1.80 1.87	41.54 -2.86 2.44	43.41 -2.05 3.35	47.24 -3.02 3.66	49.53 -1.67 4.37	51.35 -1.58 15.95	63.39 -1.05 16.18	64.80 -0.67 17.83	68.85 -0.95 16.50	61.08 -3.59 7.15	50.29 -1.47 4.60	46.69 -1.77 3.46	42.50 -1.80 3.14

NEG_PENN_ALLEGHNY 23528	46.10 -0.28 0.19	41.38 -0.38 0.09	41.52 -0.38 0.00	40.59 -0.33 0.00	38.81 -0.31 0.00	39.31 -0.32 0.00	35.49 -0.36 0.00	33.92 -0.17 0.00	36.99 -0.22 -0.07	37.68 -0.23 0.00	38.71 -0.27 0.03	43.60 -0.22 0.17	46.37 -0.23 0.23	48.47 -0.19 0.15	53.42 -0.16 0.34	55.32 0.17 0.41	70.08 0.35 -0.84	82.45 0.97 -0.86	85.19 1.33 -0.56	88.05 1.21 -0.54	71.60 0.43 0.66	56.35 0.40 0.41	51.64 0.05 0.32	47.27 0.00 0.16
NEG___GEN_MONROE 24207	42.05 -2.93 1.59	38.05 -3.01 0.80	38.96 -2.93 0.01	38.09 -2.82 0.01	36.42 -2.70 0.00	37.01 -2.62 0.00	33.55 -2.29 0.00	32.11 -1.98 0.00	34.29 -2.75 0.10	35.05 -2.84 0.01	35.88 -2.89 0.24	39.25 -3.30 1.44	41.80 -3.14 1.90	42.95 -3.61 2.24	47.78 -3.29 2.86	48.71 -3.44 3.40	57.79 -3.86 7.25	67.60 -3.71 9.30	70.44 -3.33 9.53	72.89 -3.45 9.96	63.39 -2.87 5.56	50.04 -2.76 3.56	46.36 -2.86 2.70	42.54 -2.75 2.14
NEPA___ENERGY 23901	40.55 -3.96 2.06	36.96 -3.85 1.04	38.06 -3.81 0.02	37.21 -3.68 0.02	35.52 -3.60 0.00	36.09 -3.53 0.01	32.80 -3.05 0.00	31.45 -2.62 0.01	33.94 -2.71 0.49	35.34 -2.54 0.02	35.99 -2.69 0.33	39.19 -2.90 1.89	41.18 -3.18 2.47	42.23 -3.17 3.40	46.93 -3.29 3.70	48.31 -2.83 4.42	49.41 -3.10 16.38	59.76 -2.82 18.03	62.15 -2.50 18.65	65.31 -2.85 18.15	61.07 -3.52 7.23	48.87 -2.82 4.67	45.20 -3.22 3.50	41.12 -3.13 3.18
NEVERSINK___HYD 23608	48.90 2.33 0.00	43.95 2.09 0.00	43.87 1.97 0.00	42.71 1.80 0.00	40.73 1.60 0.00	41.25 1.63 0.00	37.35 1.51 0.00	35.86 1.77 0.00	38.89 1.75 0.00	39.68 1.78 0.00	40.99 1.99 0.00	46.27 2.29 0.00	49.32 2.48 0.00	51.54 2.73 0.00	57.05 3.13 0.00	58.89 3.33 0.00	72.89 3.99 0.00	86.02 5.40 0.00	89.30 6.00 0.00	91.91 5.61 0.00	75.27 3.45 0.00	59.01 2.65 0.00	54.35 2.44 0.00	49.71 2.28 0.00
NEWKRMKL_115KV_TB1 55635	47.88 1.30 0.00	43.07 1.21 0.00	43.03 1.13 0.00	42.02 1.10 0.00	40.06 0.94 0.00	40.58 0.95 0.00	36.67 0.82 0.00	34.98 0.89 0.00	37.92 0.78 0.00	38.70 0.80 0.00	39.82 0.82 0.00	45.00 1.01 0.00	47.72 0.89 0.00	49.83 1.02 0.00	55.16 1.24 0.00	56.95 1.39 0.00	70.75 1.86 0.00	82.88 2.26 0.00	86.30 3.00 0.00	88.98 2.68 0.00	73.54 1.72 0.00	57.82 1.47 0.00	53.16 1.25 0.00	48.57 1.14 0.00
NEWTON___FALLS_HYD 23847	46.62 0.05 0.00	41.81 -0.04 0.00	41.81 -0.08 0.00	40.92 0.00 0.00	39.32 0.20 0.00	39.63 0.00 0.00	35.67 -0.18 0.00	33.58 -0.51 0.00	36.36 -0.78 0.00	37.07 -0.83 0.00	38.22 -0.78 0.00	43.15 -0.84 0.00	45.85 -0.98 0.00	47.54 -1.27 0.00	52.41 -1.51 0.00	53.73 -1.83 0.00	66.96 -1.93 0.00	79.17 -1.45 0.00	82.72 -0.58 0.00	87.08 0.78 0.00	72.97 1.15 0.00	57.15 0.79 0.00	52.38 0.47 0.00	47.72 0.28 0.00
NGRID_A1_DSASP 323792	39.25 -5.26 2.06	35.84 -4.98 1.04	36.31 -5.57 0.02	35.45 -5.44 0.02	34.59 -4.54 0.00	34.43 -5.19 0.01	31.33 -4.52 0.00	30.19 -3.89 0.01	32.46 -4.27 0.41	32.99 -4.89 0.02	33.77 -4.91 0.32	36.43 -5.67 1.89	39.46 -4.92 2.46	39.96 -5.56 3.29	44.67 -5.55 3.70	45.54 -5.61 4.41	46.64 -7.44 14.82	53.66 -8.38 18.57	57.19 -8.33 17.78	58.73 -8.98 18.60	57.79 -6.82 7.21	45.45 -6.26 4.65	42.97 -5.45 3.49	39.27 -5.08 3.09
NGRID_A2_DSASP 323793	39.25 -5.26 2.06	35.84 -4.98 1.04	36.31 -5.57 0.02	35.45 -5.44 0.02	34.59 -4.54 0.00	34.43 -5.19 0.01	31.33 -4.52 0.00	30.19 -3.89 0.01	32.46 -4.27 0.41	32.99 -4.89 0.02	33.77 -4.91 0.32	36.43 -5.67 1.89	39.46 -4.92 2.46	39.96 -5.56 3.29	44.67 -5.55 3.70	45.54 -5.61 4.41	46.64 -7.44 14.82	53.66 -8.38 18.57	57.19 -8.33 17.78	58.73 -8.98 18.60	57.79 -6.82 7.21	45.45 -6.26 4.65	42.97 -5.45 3.49	39.27 -5.08 3.09
NGRID_A4_DSASP 323807	39.25 -5.26 2.06	35.84 -4.98 1.04	36.31 -5.57 0.02	35.45 -5.44 0.02	34.59 -4.54 0.00	34.43 -5.19 0.01	31.33 -4.52 0.00	30.19 -3.89 0.01	32.46 -4.27 0.41	32.99 -4.89 0.02	33.77 -4.91 0.32	36.43 -5.67 1.89	39.46 -4.92 2.46	39.96 -5.56 3.29	44.67 -5.55 3.70	45.54 -5.61 4.41	46.64 -7.44 14.82	53.66 -8.38 18.57	57.19 -8.33 17.78	58.73 -8.98 18.60	57.79 -6.82 7.21	45.45 -6.26 4.65	42.97 -5.45 3.49	39.27 -5.08 3.09
NIAGARA_115E_LBMP 323715	38.42 -6.10 2.05	35.13 -5.69 1.03	36.68 -5.20 0.02	35.86 -5.03 0.02	33.84 -5.28 0.00	34.23 -5.39 0.01	31.12 -4.73 0.00	30.33 -3.75 0.01	32.23 -4.50 0.41	33.10 -4.78 0.02	33.49 -5.19 0.32	36.47 -5.63 1.88	38.34 -6.04 2.45	40.16 -5.37 3.28	45.29 -4.96 3.68	45.17 -6.00 4.39	47.33 -6.75 14.81	54.39 -7.66 18.57	57.86 -7.66 17.78	59.33 -8.37 18.60	57.09 -7.54 7.19	45.40 -6.31 4.65	42.52 -5.92 3.48	39.08 -5.27 3.08
NIAGARA_115W_LBMP 323714	39.21 -5.31 2.05	35.92 -4.90 1.04	36.14 -5.74 0.02	35.29 -5.60 0.02	34.63 -4.50 0.00	35.02 -4.60 0.01	31.83 -4.01 0.00	30.02 -4.06 0.01	31.90 -4.83 0.41	32.99 -4.89 0.02	33.46 -5.23 0.32	36.34 -5.76 1.88	39.22 -5.15 2.46	39.27 -6.25 3.29	45.11 -5.12 3.69	45.49 -5.67 4.41	46.50 -7.58 14.81	53.50 -8.55 18.57	57.03 -8.50 17.78	58.55 -9.15 18.60	57.65 -6.97 7.21	45.51 -6.20 4.65	42.92 -5.50 3.49	39.27 -5.07 3.09
NIAGARA_230_LBMP 323716	39.27 -5.26 2.03	35.93 -4.90 1.03	36.81 -5.07 0.02	35.99 -4.91 0.02	34.59 -4.54 0.00	34.98 -4.64 0.01	31.76 -4.09 0.00	30.57 -3.51 0.01	32.59 -4.16 0.39	33.64 -4.24 0.02	34.12 -4.56 0.32	37.11 -5.02 1.86	39.20 -5.20 2.43	39.93 -5.61 3.26	45.14 -5.12 3.66	45.58 -5.61 4.37	47.35 -6.75 14.79	54.66 -7.42 18.55	58.21 -7.33 17.76	59.79 -7.94 18.58	57.69 -6.97 7.17	45.98 -5.75 4.63	43.01 -5.45 3.46	39.29 -5.07 3.06
NIAGARA___115KV_198_GIBSON 55903	39.21 -5.31 2.05	35.79 -5.02 1.04	36.22 -5.66 0.02	35.37 -5.52 0.02	34.59 -4.54 0.00	34.35 -5.27 0.01	31.26 -4.59 0.00	30.13 -3.95 0.01	32.42 -4.31 0.41	32.92 -4.97 0.02	33.69 -4.99 0.32	36.34 -5.76 1.88	39.41 -4.96 2.46	39.91 -5.61 3.29	44.68 -5.55 3.69	45.49 -5.67 4.41	46.50 -7.58 14.81	53.51 -8.55 18.57	57.03 -8.50 17.78	58.56 -9.15 18.60	57.72 -6.89 7.21	45.40 -6.31 4.65	42.92 -5.50 3.49	39.27 -5.08 3.09
NIAGARA____ 23760	39.26 -5.26 2.05	35.92 -4.90 1.03	36.81 -5.07 0.02	35.98 -4.91 0.02	34.59 -4.54 0.00	34.98 -4.64 0.01	31.76 -4.09 0.00	30.57 -3.51 0.01	32.59 -4.16 0.39	33.64 -4.24 0.02	34.12 -4.56 0.32	37.09 -5.02 1.88	39.19 -5.20 2.44	39.93 -5.61 3.27	45.14 -5.12 3.66	45.57 -5.61 4.38	47.34 -6.75 14.80	54.65 -7.42 18.56	58.20 -7.33 17.77	59.78 -7.94 18.59	57.68 -6.97 7.17	45.97 -5.75 4.64	43.00 -5.45 3.46	39.29 -5.07 3.07
NINE_MILE_1 23575	35.09 -1.72 9.76	35.37 -1.63 4.86	40.39 -1.51 0.00	39.45 -1.47 0.00	37.75 -1.37 0.00	38.24 -1.39 0.00	34.59 -1.26 0.00	32.97 -1.12 0.00	35.80 -1.34 0.00	36.50 -1.40 0.00	35.96 -1.60 1.45	33.48 -1.76 8.74	33.36 -1.83 11.64	34.05 -1.90 12.86	34.41 -1.99 17.52	32.67 -2.05 20.84	34.60 -2.48 31.82	34.79 -2.66 43.17	34.62 -2.58 46.09	34.73 -2.68 48.90	35.44 -2.37 34.02	32.81 -1.92 21.64	33.53 -1.87 16.51	33.27 -1.75 12.41

NINE_MILE_2 23744	34.97 -1.72 9.88	35.30 -1.63 4.92	40.39 -1.51 0.00	39.45 -1.47 0.00	37.75 -1.37 0.00	38.24 -1.39 0.00	34.59 -1.26 0.00	33.00 -1.09 0.00	35.80 -1.34 0.00	36.50 -1.40 0.00	35.94 -1.60 1.46	33.37 -1.76 8.86	33.21 -1.83 11.79	33.88 -1.90 13.02	34.19 -1.99 17.74	32.40 -2.05 21.11	34.25 -2.41 32.23	34.23 -2.66 43.73	34.03 -2.58 46.69	34.10 -2.68 49.53	35.00 -2.37 34.46	32.52 -1.92 21.92	33.32 -1.87 16.73	33.16 -1.71 12.57
NM_CAPITAL___DRP 24208	47.97 1.40 0.00	43.19 1.34 0.00	43.16 1.26 0.00	42.10 1.19 0.00	40.18 1.06 0.00	40.70 1.07 0.00	36.78 0.93 0.00	35.11 1.02 0.00	38.03 0.89 0.00	38.81 0.91 0.00	39.98 0.98 0.00	45.13 1.14 0.00	47.91 1.08 0.00	50.03 1.22 0.00	55.38 1.46 0.00	57.17 1.61 0.00	70.96 2.07 0.00	83.12 2.50 0.00	86.55 3.25 0.00	89.15 2.85 0.00	73.69 1.87 0.00	57.99 1.63 0.00	53.31 1.40 0.00	48.71 1.28 0.00
NM_CENTRAL___DRP 24181	45.11 -0.93 0.53	40.67 -0.92 0.27	41.14 -0.75 0.00	40.18 -0.74 0.00	38.42 -0.70 0.00	38.91 -0.71 0.00	35.17 -0.68 0.00	33.54 -0.55 0.00	36.36 -0.78 0.00	37.11 -0.80 0.00	37.99 -0.94 0.08	42.50 -1.01 0.48	45.21 -0.98 0.64	47.03 -1.07 0.70	51.83 -1.13 0.96	53.37 -1.06 1.14	66.05 -1.10 1.74	77.21 -1.05 2.36	79.95 -0.83 2.52	82.76 -0.86 2.68	69.03 -0.93 1.86	54.39 -0.79 1.18	50.18 -0.83 0.90	45.90 -0.85 0.68
NM_FRONTIER___DRP 24179	39.21 -5.31 2.05	35.79 -5.02 1.04	36.22 -5.66 0.02	35.37 -5.52 0.02	34.59 -4.54 0.00	34.35 -5.27 0.01	31.26 -4.59 0.00	30.13 -3.95 0.01	32.42 -4.31 0.41	32.92 -4.97 0.02	33.69 -4.99 0.32	36.34 -5.76 1.88	39.41 -4.96 2.46	39.91 -5.61 3.29	44.68 -5.55 3.69	45.49 -5.67 4.41	46.50 -7.58 14.81	53.51 -8.55 18.57	57.03 -8.50 17.78	58.56 -9.15 18.60	57.72 -6.89 7.21	45.40 -6.31 4.65	42.92 -5.50 3.49	39.27 -5.08 3.09
NM_ST_REGIS___HYD 24053	46.01 -0.56 0.00	41.35 -0.50 0.00	41.31 -0.59 0.00	40.38 -0.53 0.00	38.89 -0.23 0.00	39.19 -0.44 0.00	35.45 -0.39 0.00	33.41 -0.68 0.00	36.62 -0.52 0.00	37.22 -0.68 0.00	38.34 -0.66 0.00	43.06 -0.92 0.00	45.99 -0.84 0.00	47.78 -1.02 0.00	52.52 -1.40 0.00	53.78 -1.78 0.00	66.69 -2.20 0.00	78.28 -2.34 0.00	80.72 -2.58 0.00	84.40 -1.90 0.00	70.89 -0.93 0.00	55.46 -0.90 0.00	51.29 -0.62 0.00	46.86 -0.57 0.00
NORTHPORT___1 23551	54.40 3.82 -4.01	45.55 3.68 -0.02	44.92 3.02 0.00	43.45 2.54 0.00	41.39 2.27 0.00	41.72 2.10 0.00	37.89 2.04 0.00	36.82 2.73 0.00	40.52 3.34 -0.04	51.87 3.37 -10.60	52.02 2.96 -10.05	52.75 3.25 -5.51	54.77 3.33 -4.61	59.16 3.52 -6.83	60.87 3.99 -2.96	74.47 4.05 -14.85	99.63 4.69 -26.05	101.28 6.05 -14.61	90.01 6.33 -0.38	91.31 5.00 0.00	73.11 1.29 0.01	57.59 1.24 0.01	53.00 1.09 0.01	50.04 2.61 0.00
NORTHPORT___2 23552	54.40 3.82 -4.01	45.55 3.68 -0.02	44.92 3.02 0.00	43.45 2.54 0.00	41.39 2.27 0.00	41.72 2.10 0.00	37.89 2.04 0.00	36.82 2.73 0.00	40.52 3.34 -0.04	51.87 3.37 -10.60	52.02 2.96 -10.05	52.75 3.25 -5.51	54.77 3.33 -4.61	59.16 3.52 -6.83	60.87 3.99 -2.96	74.47 4.05 -14.85	99.63 4.69 -26.05	101.28 6.05 -14.61	90.01 6.33 -0.38	91.31 5.00 0.00	73.11 1.29 0.01	57.59 1.24 0.01	53.00 1.09 0.01	50.04 2.61 0.00
NORTHPORT___3 23553	54.31 3.73 -4.01	45.51 3.64 -0.02	44.87 2.98 0.00	43.37 2.45 0.00	41.31 2.19 0.00	41.68 2.06 0.00	37.82 1.97 0.00	36.75 2.66 0.00	40.48 3.30 -0.04	51.84 3.34 -10.60	51.98 2.93 -10.05	52.81 3.17 -5.65	57.19 3.23 -7.13	60.78 3.42 -8.56	78.03 3.93 -20.18	74.44 4.00 -14.88	105.18 4.62 -31.67	101.11 5.88 -14.61	89.85 6.16 -0.38	91.13 4.83 0.00	72.96 1.15 0.01	57.48 1.13 0.01	52.84 0.94 0.01	49.95 2.51 0.00
NORTHPORT___4 23650	54.31 3.73 -4.01	45.51 3.64 -0.02	44.87 2.98 0.00	43.37 2.45 0.00	41.31 2.19 0.00	41.68 2.06 0.00	37.82 1.97 0.00	36.75 2.66 0.00	40.48 3.30 -0.04	51.84 3.34 -10.60	51.98 2.93 -10.05	52.81 3.17 -5.65	57.19 3.23 -7.13	60.78 3.42 -8.56	78.03 3.93 -20.18	74.44 4.00 -14.88	105.18 4.62 -31.67	101.11 5.88 -14.61	89.85 6.16 -0.38	91.13 4.83 0.00	72.96 1.15 0.01	57.48 1.13 0.01	52.84 0.94 0.01	49.95 2.51 0.00
NORTHPORT___IC 23718	54.40 3.82 -4.01	45.60 3.73 -0.02	44.75 2.85 0.00	43.33 2.41 0.00	41.16 2.03 0.00	41.33 1.70 0.00	37.61 1.76 0.00	36.68 2.59 0.00	40.45 3.27 -0.04	51.87 3.37 -10.60	52.02 2.96 -10.05	52.79 3.30 -5.51	54.77 3.33 -4.61	59.20 3.56 -6.83	60.93 4.04 -2.96	74.52 4.11 -14.85	99.69 4.75 -26.05	101.03 5.80 -14.61	90.10 6.41 -0.38	91.48 5.18 0.00	73.11 1.29 0.01	57.59 1.24 0.01	53.10 1.19 0.01	50.04 2.61 0.00
NORTH___COUNTRY_ESR 323785	45.68 -0.89 0.00	41.10 -0.75 0.00	41.19 -0.71 0.00	40.34 -0.57 0.00	38.66 -0.47 0.00	39.15 -0.47 0.00	35.49 -0.36 0.00	33.61 -0.48 0.00	36.88 -0.26 0.00	37.56 -0.34 0.00	38.65 -0.35 0.00	43.46 -0.53 0.00	46.32 -0.51 0.00	48.23 -0.58 0.00	52.90 -1.03 0.00	54.34 -1.22 0.00	67.10 -1.79 0.00	78.36 -2.26 0.00	80.80 -2.50 0.00	84.06 -2.24 0.00	70.39 -1.44 0.00	55.12 -1.24 0.00	51.19 -0.73 0.00	46.77 -0.66 0.00
NPX_GEN_1385_PROXY 323591	66.60 5.12 -14.91	52.33 4.85 -5.62	51.89 4.19 -5.80	44.56 3.64 0.00	42.45 3.32 0.00	42.80 3.17 0.00	38.89 3.05 0.00	37.74 3.65 0.00	41.11 3.93 -0.04	51.27 3.48 -9.88	52.61 2.85 -10.76	52.53 3.03 -5.51	55.10 3.66 -4.61	59.40 3.76 -6.83	61.20 4.32 -2.96	74.75 4.34 -14.85	100.11 5.17 -26.05	102.40 7.17 -14.61	91.51 7.83 -0.38	92.78 6.48 0.00	74.83 3.02 0.01	59.17 2.82 0.01	54.03 2.13 0.01	50.42 2.99 0.00
NPX_GEN_CSC 323557	55.28 4.70 -4.01	46.22 4.35 -0.02	45.42 3.52 0.00	43.86 2.95 0.00	41.86 2.74 0.00	42.16 2.54 0.00	38.25 2.40 0.00	37.22 3.13 0.00	41.16 3.98 -0.04	51.92 4.13 -9.88	53.90 4.13 -10.76	54.75 4.75 -6.01	63.68 4.96 -11.88	65.80 5.17 -11.82	120.20 5.83 -60.45	99.35 6.06 -37.73	121.03 7.30 -44.84	104.26 9.03 -14.62	93.01 9.33 -0.38	94.16 7.85 0.00	75.40 3.59 0.01	59.34 2.98 0.01	54.65 2.75 0.01	51.18 3.75 0.00
NSINS_S_GLNS_FALLS 23858	49.23 2.65 0.00	44.28 2.43 0.00	44.12 2.22 0.00	43.00 2.09 0.00	40.96 1.84 0.00	41.45 1.82 0.00	37.39 1.54 0.00	35.52 1.43 0.00	38.22 1.08 0.00	38.85 0.95 0.00	39.55 0.55 0.00	44.91 0.92 0.00	47.30 0.47 0.00	49.35 0.54 0.00	54.73 0.81 0.00	56.78 1.22 0.00	71.86 2.96 0.00	84.65 4.03 0.00	89.22 5.91 0.00	92.52 6.21 0.00	76.63 4.81 0.00	60.25 3.89 0.00	55.08 3.17 0.00	50.04 2.61 0.00
NUCOR_STEEL___DRP 24197	46.26 -0.42 -0.11	41.37 -0.54 -0.05	41.48 -0.42 0.00	40.55 -0.37 0.00	38.77 -0.35 0.00	39.31 -0.32 0.00	35.49 -0.36 0.00	33.85 -0.24 0.00	36.68 -0.52 -0.06	37.34 -0.57 0.00	38.32 -0.70 -0.02	43.38 -0.70 -0.10	46.26 -0.70 -0.13	48.25 -0.78 -0.22	53.41 -0.70 -0.19	55.23 -0.56 -0.23	70.00 -0.41 -1.52	82.38 0.00 -1.76	85.45 0.50 -1.65	88.49 0.52 -1.66	72.48 0.29 -0.38	56.72 0.11 -0.25	51.94 -0.16 -0.18	47.40 -0.24 -0.20

NUMBER_THREE_WT_PWR 323818	46.94 0.37 0.00	42.02 0.17 0.00	42.11 0.21 0.00	41.28 0.37 0.00	39.56 0.43 0.00	39.90 0.28 0.00	35.85 0.00 0.00	33.78 -0.31 0.00	36.47 -0.67 0.00	37.26 -0.64 0.00	38.50 -0.51 0.00	43.50 -0.48 0.00	46.08 -0.75 0.00	47.74 -1.07 0.00	52.63 -1.29 0.00	53.84 -1.72 0.00	67.10 -1.79 0.00	79.49 -1.13 0.00	83.47 0.17 0.00	88.12 1.82 0.00	73.83 2.01 0.00	57.88 1.52 0.00	52.90 0.98 0.00	48.19 0.76 0.00
NYISO_LBMP_REFERENCE 24008	46.57 0.00 0.00	41.86 0.00 0.00	41.90 0.00 0.00	40.92 0.00 0.00	39.12 0.00 0.00	39.63 0.00 0.00	35.85 0.00 0.00	34.09 0.00 0.00	37.14 0.00 0.00	37.90 0.00 0.00	39.00 0.00 0.00	43.99 0.00 0.00	46.83 0.00 0.00	48.81 0.00 0.00	53.92 0.00 0.00	55.56 0.00 0.00	68.89 0.00 0.00	80.62 0.00 0.00	83.30 0.00 0.00	86.30 0.00 0.00	71.82 0.00 0.00	56.36 0.00 0.00	51.91 0.00 0.00	47.43 0.00 0.00
NYPA_BRENTWD____GT 24164	55.15 4.57 -4.01	46.14 4.27 -0.02	45.42 3.52 0.00	43.90 2.99 0.00	41.82 2.70 0.00	42.16 2.54 0.00	38.25 2.40 0.00	37.19 3.10 0.00	41.01 3.83 -0.04	52.44 3.94 -10.60	52.84 3.78 -10.05	54.20 4.27 -5.95	63.06 4.45 -11.77	65.10 4.54 -11.75	113.36 5.13 -54.31	98.46 5.17 -37.73	117.78 6.06 -42.82	102.89 7.66 -14.61	91.68 8.00 -0.38	92.86 6.56 0.00	74.61 2.80 0.01	58.89 2.54 0.01	54.19 2.28 0.01	50.85 3.42 0.00
NYPA_GOWANUS____GT5 24156	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.55 7.24 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NYPA_GOWANUS____GT6 24157	50.17 3.59 -0.01	45.25 3.39 -0.01	45.09 3.18 -0.01	43.78 2.86 0.00	41.67 2.54 0.00	41.92 2.30 0.00	38.15 2.30 0.00	36.95 2.86 0.00	40.19 3.05 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.18 4.18 -0.02	51.20 4.36 -0.01	53.40 4.59 -0.01	59.00 5.07 -0.01	60.79 5.22 -0.01	74.54 5.65 0.00	87.63 7.01 0.00	90.55 7.24 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.46 3.10 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01
NYPA_HARLEM__RVR__GT1 24160	49.84 3.26 -0.01	45.04 3.18 -0.01	44.83 2.93 0.00	43.57 2.66 0.00	41.43 2.31 0.00	41.61 1.98 0.00	37.92 2.08 0.01	36.85 2.76 0.00	39.84 2.71 0.01	40.75 2.84 0.00	42.28 3.28 0.00	47.82 3.82 -0.01	50.82 3.98 -0.01	52.96 4.15 -0.01	58.51 4.58 -0.01	60.34 4.78 0.00	74.13 5.23 0.00	87.14 6.53 0.00	89.72 6.41 0.00	91.65 5.35 0.01	74.61 2.80 0.01	58.84 2.48 0.00	54.71 2.80 0.00	50.38 2.94 0.00
NYPA_HARLEM__RVR__GT2 24161	49.84 3.26 -0.01	45.04 3.18 -0.01	44.83 2.93 0.00	43.57 2.66 0.00	41.43 2.31 0.00	41.61 1.98 0.00	37.92 2.08 0.01	36.85 2.76 0.00	39.84 2.71 0.01	40.75 2.84 0.00	42.28 3.28 0.00	47.82 3.82 -0.01	50.82 3.98 -0.01	52.96 4.15 -0.01	58.51 4.58 -0.01	60.34 4.78 0.00	74.13 5.23 0.00	87.14 6.53 0.00	89.72 6.41 0.00	91.65 5.35 0.01	74.61 2.80 0.01	58.84 2.48 0.00	54.71 2.80 0.00	50.38 2.94 0.00
NYPA_KENT____GT 24152	50.03 3.45 -0.01	45.17 3.31 -0.01	44.96 3.06 0.00	43.70 2.78 0.00	41.59 2.47 0.00	41.88 2.26 0.00	38.11 2.26 0.00	36.92 2.83 0.00	40.11 2.97 0.00	41.01 3.11 0.00	42.52 3.51 0.00	48.04 4.04 -0.01	51.06 4.22 -0.01	53.26 4.44 -0.01	58.84 4.91 -0.01	60.62 5.06 0.00	74.41 5.51 0.00	87.47 6.85 0.00	90.38 7.08 0.00	92.43 6.13 0.00	75.20 3.38 0.00	59.34 2.98 0.00	54.98 3.06 0.00	50.52 3.08 0.00
NYPA_POUCH1____GT 24155	50.07 3.49 -0.01	45.21 3.35 -0.01	45.01 3.10 -0.01	43.74 2.82 0.00	41.63 2.51 0.00	41.84 2.22 0.00	38.04 2.19 0.00	36.89 2.80 0.00	40.07 2.93 0.00	40.97 3.07 0.00	42.52 3.51 0.00	48.09 4.09 -0.02	51.06 4.22 -0.01	53.26 4.44 -0.01	58.79 4.86 -0.01	60.57 5.00 -0.01	74.27 5.38 0.00	87.39 6.77 0.00	90.30 7.00 0.00	92.34 6.04 0.00	75.06 3.23 0.00	59.34 2.98 0.00	55.03 3.11 -0.01	50.62 3.18 -0.01
NYPA_VERNON____GT2 24162	49.89 3.31 -0.01	45.04 3.18 -0.01	44.83 2.93 0.00	43.57 2.66 0.00	41.51 2.39 0.00	41.80 2.18 0.00	38.07 2.22 0.00	36.89 2.80 0.00	40.04 2.90 0.00	40.93 3.03 0.00	42.44 3.43 0.00	47.91 3.91 -0.01	50.87 4.03 -0.01	53.11 4.30 -0.01	58.73 4.80 -0.01	60.45 4.89 0.00	74.20 5.31 0.00	87.23 6.61 0.00	90.13 6.83 0.00	92.18 5.87 0.00	75.06 3.23 0.00	59.18 2.82 0.00	54.82 2.91 0.00	50.38 2.94 0.00
NYPA_VERNON____GT3 24163	49.89 3.31 -0.01	45.04 3.18 -0.01	44.83 2.93 0.00	43.57 2.66 0.00	41.51 2.39 0.00	41.80 2.18 0.00	38.07 2.22 0.00	36.89 2.80 0.00	40.04 2.90 0.00	40.93 3.03 0.00	42.44 3.43 0.00	47.91 3.91 -0.01	50.87 4.03 -0.01	53.11 4.30 -0.01	58.73 4.80 -0.01	60.45 4.89 0.00	74.20 5.31 0.00	87.23 6.61 0.00	90.13 6.83 0.00	92.18 5.87 0.00	75.06 3.23 0.00	59.18 2.82 0.00	54.82 2.91 0.00	50.38 2.94 0.00
NYPA__ASTORIA_CC1 323568	49.84 3.26 -0.01	45.00 3.14 -0.01	44.79 2.89 0.00	43.54 2.62 0.00	41.47 2.35 0.00	41.76 2.14 0.00	38.00 2.15 0.00	36.85 2.76 0.00	40.00 2.86 0.00	40.89 2.99 0.00	42.36 3.35 0.00	47.82 3.82 -0.01	50.82 3.98 -0.01	53.06 4.24 -0.01	58.62 4.69 -0.01	60.34 4.78 0.00	74.06 5.17 0.00	87.07 6.45 0.00	89.88 6.58 0.00	91.91 5.61 0.00	74.84 3.02 0.00	59.06 2.71 0.00	54.71 2.80 0.00	50.33 2.89 0.00
NYPA__ASTORIA_CC2 323569	49.84 3.26 -0.01	45.00 3.14 -0.01	44.79 2.89 0.00	43.54 2.62 0.00	41.47 2.35 0.00	41.76 2.14 0.00	38.00 2.15 0.00	36.85 2.76 0.00	40.00 2.86 0.00	40.89 2.99 0.00	42.36 3.35 0.00	47.82 3.82 -0.01	50.82 3.98 -0.01	53.06 4.24 -0.01	58.62 4.69 -0.01	60.34 4.78 0.00	74.06 5.17 0.00	87.07 6.45 0.00	89.88 6.58 0.00	91.91 5.61 0.00	74.84 3.02 0.00	59.06 2.71 0.00	54.71 2.80 0.00	50.33 2.89 0.00
NYPA__HOLTSVILL 23794	54.82 4.24 -4.01	45.85 3.98 -0.02	45.12 3.23 0.00	43.62 2.70 0.00	41.59 2.47 0.00	41.88 2.26 0.00	38.04 2.19 0.00	36.99 2.90 0.00	40.78 3.60 -0.04	52.22 3.72 -10.60	52.68 3.63 -10.05	54.09 4.09 -6.01	62.98 4.22 -11.93	65.06 4.39 -11.86	119.37 5.02 -60.44	98.35 5.06 -37.73	119.71 5.99 -44.83	102.73 7.50 -14.62	91.51 7.83 -0.38	92.69 6.39 0.00	74.33 2.51 0.01	58.61 2.26 0.01	53.93 2.02 0.01	50.61 3.18 0.00
NYPA__HELLGATE_GT1 24158	49.84 3.26 -0.01	45.04 3.18 -0.01	44.83 2.93 0.00	43.57 2.66 0.00	41.43 2.31 0.00	41.61 1.98 0.00	37.92 2.08 0.01	36.85 2.76 0.00	39.84 2.71 0.01	40.75 2.84 0.00	42.28 3.28 0.00	47.82 3.82 -0.01	50.82 3.98 -0.01	52.96 4.15 -0.01	58.51 4.58 -0.01	60.34 4.78 0.00	74.13 5.23 0.00	87.14 6.53 0.00	89.72 6.41 0.00	91.65 5.35 0.01	74.61 2.80 0.01	58.84 2.48 0.00	54.71 2.80 0.00	50.38 2.94 0.00

NYPY____HELLGATE_GT2 24159	49.84 3.26 -0.01	45.04 3.18 -0.01	44.83 2.93 0.00	43.57 2.66 0.00	41.43 2.31 0.00	41.61 1.98 0.00	37.92 2.08 0.01	36.85 2.76 0.00	39.84 2.71 0.01	40.75 2.84 0.00	42.28 3.28 0.00	47.82 3.82 -0.01	50.82 3.98 -0.01	52.96 4.15 -0.01	58.51 4.58 -0.01	60.34 4.78 0.00	74.13 5.23 0.00	87.14 6.53 0.00	89.72 6.41 0.00	91.65 5.35 0.01	74.61 2.80 0.01	58.84 2.48 0.00	54.71 2.80 0.00	50.38 2.94 0.00
NYS_BARGE____HYD 23848	39.25 -5.31 2.01	35.82 -5.02 1.01	37.10 -4.78 0.02	36.27 -4.62 0.02	34.47 -4.66 0.00	34.86 -4.76 0.01	31.69 -4.16 0.00	30.71 -3.38 0.01	32.71 -4.05 0.38	33.64 -4.24 0.02	34.09 -4.60 0.31	37.18 -4.97 1.84	39.19 -5.24 2.40	40.69 -4.93 3.19	45.84 -4.48 3.60	46.03 -5.22 4.30	48.81 -5.93 14.16	57.05 -6.45 17.12	60.18 -6.25 16.87	62.11 -6.91 17.29	58.53 -6.25 7.04	46.57 -5.24 4.55	43.42 -5.09 3.40	39.83 -4.60 3.00
OAK ORCHARD____HYD 24046	42.21 -2.79 1.57	38.31 -2.76 0.79	39.00 -2.89 0.00	38.13 -2.78 0.00	36.58 -2.54 0.00	37.05 -2.58 0.00	33.55 -2.30 0.00	32.18 -1.91 0.00	34.53 -2.53 0.09	35.36 -2.54 0.00	36.00 -2.77 0.24	39.62 -2.95 1.42	42.05 -2.90 1.88	43.34 -3.27 2.20	48.52 -2.59 2.82	49.09 -3.11 3.36	58.46 -3.51 6.92	68.19 -3.46 8.97	70.94 -3.17 9.19	73.21 -3.45 9.64	63.45 -2.88 5.49	50.15 -2.70 3.51	46.40 -2.86 2.66	42.58 -2.75 2.10
OAKDALE____35_KV_LOAD 356122	45.86 -0.51 0.20	41.21 -0.54 0.10	41.36 -0.54 0.00	40.43 -0.49 0.00	38.62 -0.51 0.00	39.15 -0.48 0.00	35.38 -0.47 0.00	33.78 -0.31 0.00	36.84 -0.37 -0.07	37.56 -0.34 0.00	38.55 -0.43 0.03	43.42 -0.40 0.17	46.13 -0.47 0.24	48.27 -0.39 0.15	53.19 -0.38 0.36	55.03 -0.11 0.42	69.79 0.00 -0.90	81.95 0.40 -0.93	84.74 0.83 -0.61	87.59 0.69 -0.59	71.14 0.00 0.68	56.00 0.06 0.42	51.42 -0.16 0.33	47.03 -0.24 0.16
OCC_CHEM____DRP 24175	39.25 -5.26 2.06	35.84 -4.98 1.04	36.31 -5.57 0.02	35.45 -5.44 0.02	34.59 -4.54 0.00	34.43 -5.19 0.01	31.33 -4.52 0.00	30.19 -3.89 0.01	32.46 -4.27 0.41	32.99 -4.89 0.02	33.77 -4.91 0.32	36.43 -5.67 1.89	39.46 -4.92 2.46	39.96 -5.56 3.29	44.67 -5.55 3.70	45.54 -5.61 4.41	46.64 -7.44 14.82	53.66 -8.38 18.57	57.19 -8.33 17.78	58.73 -8.98 18.60	57.79 -6.82 7.21	45.45 -6.26 4.65	42.97 -5.45 3.49	39.27 -5.08 3.09
OH_GEN_PROXY 24063	39.42 -5.17 1.98	36.00 -4.85 1.00	33.26 -4.99 3.65	36.03 -4.87 0.02	34.63 -4.50 0.00	32.27 -4.60 2.76	31.83 -4.01 0.00	30.64 -3.44 0.01	32.69 -4.09 0.36	33.00 -4.17 0.73	34.96 -4.45 -0.40	37.25 -4.93 1.82	39.40 -5.06 2.37	40.19 -5.47 3.15	45.34 -5.01 3.57	45.86 -5.44 4.26	48.27 -6.61 14.01	55.92 -7.18 17.52	59.43 -7.00 16.87	61.00 -7.68 17.62	58.08 -6.75 6.98	46.22 -5.64 4.51	43.20 -5.35 3.37	39.49 -4.98 2.96
OLIN_CORP_DRP 24177	38.55 -5.96 2.06	35.17 -5.65 1.04	36.81 -5.07 0.02	35.99 -4.91 0.02	33.92 -5.20 0.00	34.94 -4.68 0.01	31.83 -4.02 0.00	30.50 -3.58 0.01	32.52 -4.20 0.42	33.10 -4.78 0.02	33.77 -4.91 0.32	36.55 -5.54 1.90	38.66 -5.71 2.46	39.60 -5.91 3.30	44.73 -5.50 3.69	45.20 -5.95 4.41	47.27 -6.68 14.94	54.00 -7.58 19.04	57.82 -7.50 17.99	59.08 -8.20 19.02	57.21 -7.40 7.22	45.54 -6.14 4.67	42.66 -5.76 3.49	39.11 -5.22 3.10
OLIN_CORP_DSASP 323712	39.25 -5.26 2.06	35.84 -4.98 1.04	36.31 -5.57 0.02	35.45 -5.44 0.02	34.59 -4.54 0.00	34.43 -5.19 0.01	31.33 -4.52 0.00	30.19 -3.89 0.01	32.46 -4.27 0.41	32.99 -4.89 0.02	33.77 -4.91 0.32	36.43 -5.67 1.89	39.46 -4.92 2.46	39.96 -5.56 3.29	44.67 -5.55 3.70	45.54 -5.61 4.41	46.64 -7.44 14.82	53.66 -8.38 18.57	57.19 -8.33 17.78	58.73 -8.98 18.60	57.79 -6.82 7.21	45.45 -6.26 4.65	42.97 -5.45 3.49	39.27 -5.08 3.09
ONEIDA_HERK_LFGE 323681	47.22 0.65 0.00	42.36 0.50 0.00	42.40 0.50 0.00	41.49 0.57 0.00	39.71 0.59 0.00	40.14 0.51 0.00	36.17 0.32 0.00	34.23 0.14 0.00	37.03 -0.11 0.00	37.79 -0.11 0.00	38.97 -0.04 0.00	43.99 0.00 0.00	46.74 -0.09 0.00	48.61 -0.19 0.00	53.71 -0.21 0.00	55.23 -0.33 0.00	68.69 -0.21 0.00	81.02 0.41 0.00	84.55 1.25 0.00	88.37 2.07 0.00	73.69 1.86 0.00	57.82 1.46 0.00	52.95 1.04 0.00	48.29 0.85 0.00
ONEIDA____115KV_TB4 55905	47.04 0.75 0.28	42.30 0.59 0.14	42.53 0.63 0.00	41.57 0.65 0.00	39.75 0.63 0.00	40.22 0.59 0.00	36.28 0.43 0.00	34.40 0.31 0.00	37.21 0.07 0.00	37.98 0.08 0.00	39.00 0.04 0.04	43.82 0.09 0.25	46.64 0.14 0.33	48.54 0.10 0.37	53.58 0.16 0.50	55.19 0.22 0.60	68.53 0.55 0.91	80.59 1.21 1.23	83.90 1.92 1.32	87.32 2.42 1.40	72.79 1.94 0.97	57.21 1.47 0.62	52.53 1.09 0.47	47.98 0.90 0.35
ONONDAGA_REF_OCCRA 23987	45.49 -0.70 0.38	40.91 -0.75 0.19	41.27 -0.63 0.00	40.34 -0.57 0.00	38.54 -0.59 0.00	39.07 -0.55 0.00	35.31 -0.54 0.00	33.68 -0.41 0.00	36.51 -0.63 0.00	37.22 -0.68 0.00	38.17 -0.78 0.06	42.81 -0.84 0.34	45.58 -0.80 0.46	47.43 -0.88 0.50	52.37 -0.86 0.69	53.96 -0.78 0.82	66.89 -0.76 1.25	78.36 -0.56 1.70	81.24 -0.25 1.81	84.12 -0.26 1.92	70.05 -0.43 1.34	55.06 -0.45 0.85	50.69 -0.57 0.65	46.33 -0.62 0.49
ONONDAGA____COGEN 23986	45.92 -0.65 0.00	41.14 -0.71 0.00	41.35 -0.54 0.00	40.43 -0.49 0.00	38.62 -0.51 0.00	39.15 -0.48 0.00	35.38 -0.47 0.00	33.75 -0.34 0.00	36.58 -0.56 0.00	37.29 -0.61 0.00	38.26 -0.74 0.00	43.19 -0.79 0.00	46.09 -0.75 0.00	47.98 -0.83 0.00	53.11 -0.81 0.00	54.84 -0.72 0.00	68.20 -0.69 0.00	80.13 -0.48 0.00	83.05 -0.25 0.00	86.04 -0.26 0.00	71.46 -0.36 0.00	55.96 -0.39 0.00	51.39 -0.52 0.00	46.86 -0.57 0.00
ONTARIO____LFGE 23819	47.64 0.28 -0.78	42.22 -0.04 -0.41	41.88 -0.04 -0.03	40.90 -0.04 -0.03	39.12 0.00 0.00	39.68 0.04 -0.01	35.81 -0.04 0.00	34.17 0.07 -0.01	37.63 -0.07 -0.56	37.70 -0.23 -0.03	38.76 -0.39 -0.14	44.48 -0.26 -0.76	47.55 -0.23 -0.94	50.52 -0.15 -1.86	55.33 0.00 -1.41	57.77 0.50 -1.71	84.12 1.17 -14.06	99.25 2.42 -16.21	101.61 3.34 -14.97	105.13 3.71 -15.12	77.22 2.58 -2.82	60.17 1.92 -1.89	54.50 1.24 -1.34	50.00 0.90 -1.67
ORANGEVILLE_WT_PWR 323706	39.23 -3.73 3.61	36.41 -3.60 1.85	38.22 -3.60 0.07	37.37 -3.48 0.07	35.84 -3.29 0.00	36.26 -3.33 0.03	32.87 -2.98 0.00	31.47 -2.59 0.03	32.79 -2.93 1.41	34.80 -3.03 0.07	35.09 -3.32 0.60	37.05 -3.56 3.38	38.75 -3.75 4.33	38.20 -3.81 6.80	43.65 -3.78 6.49	44.10 -3.67 7.79	24.43 -4.13 40.33	30.40 -3.95 46.27	35.20 -3.50 44.61	38.16 -3.45 44.69	55.51 -3.52 12.79	45.12 -2.87 8.37	42.60 -3.17 6.15	37.99 -3.18 6.26
ORANGEVILLE____ESR 323794	39.23 -3.73 3.61	36.41 -3.60 1.85	38.22 -3.60 0.07	37.37 -3.48 0.07	35.84 -3.29 0.00	36.26 -3.33 0.03	32.87 -2.98 0.00	31.47 -2.59 0.03	32.79 -2.93 1.41	34.80 -3.03 0.07	35.09 -3.32 0.60	37.05 -3.56 3.38	38.75 -3.75 4.33	38.20 -3.81 6.80	43.65 -3.78 6.49	44.10 -3.67 7.79	24.43 -4.13 40.33	30.40 -3.95 46.27	35.20 -3.50 44.61	38.16 -3.45 44.69	55.51 -3.52 12.79	45.12 -2.87 8.37	42.60 -3.17 6.15	37.99 -3.18 6.26

OSWEGATCHIE___HYD 24044	46.62 0.05 0.00	41.81 -0.04 0.00	41.81 -0.08 0.00	41.00 0.08 0.00	39.28 0.16 0.00	39.63 0.00 0.00	35.67 -0.18 0.00	33.54 -0.55 0.00	36.36 -0.78 0.00	37.07 -0.83 0.00	38.22 -0.78 0.00	43.15 -0.84 0.00	45.85 -0.99 0.00	47.54 -1.27 0.00	52.36 -1.57 0.00	53.73 -1.83 0.00	66.96 -1.93 0.00	79.08 -1.53 0.00	82.72 -0.58 0.00	87.08 0.78 0.00	72.97 1.15 0.00	57.15 0.79 0.00	52.38 0.47 0.00	47.72 0.29 0.00
OSWEGO___5 23606	49.09 -1.40 -3.91	42.46 -1.34 -1.95	40.64 -1.26 0.00	39.69 -1.23 0.00	37.99 -1.14 0.00	38.48 -1.15 0.00	34.81 -1.04 0.00	33.17 -0.92 0.00	36.03 -1.11 0.00	36.73 -1.18 0.00	38.26 -1.33 -0.58	46.04 -1.45 -3.50	50.00 -1.50 -4.67	52.35 -1.61 -5.15	59.33 -1.62 -7.02	62.25 -1.67 -8.35	79.72 -1.93 -12.75	95.91 -2.01 -17.30	99.86 -1.91 -18.47	103.92 -1.98 -19.60	83.66 -1.79 -13.63	63.56 -1.47 -8.67	57.08 -1.45 -6.62	51.03 -1.38 -4.97
OSWEGO___6 23613	49.09 -1.40 -3.91	42.46 -1.34 -1.95	40.64 -1.26 0.00	39.69 -1.23 0.00	37.99 -1.14 0.00	38.48 -1.15 0.00	34.81 -1.04 0.00	33.17 -0.92 0.00	36.03 -1.11 0.00	36.73 -1.18 0.00	38.26 -1.33 -0.58	46.04 -1.45 -3.50	50.00 -1.50 -4.67	52.35 -1.61 -5.15	59.33 -1.62 -7.02	62.25 -1.67 -8.35	79.72 -1.93 -12.75	95.91 -2.01 -17.30	99.86 -1.91 -18.47	103.92 -1.98 -19.60	83.66 -1.79 -13.63	63.56 -1.47 -8.67	57.08 -1.45 -6.62	51.03 -1.38 -4.97
OUTOKUMPU-AB___DRP 24206	39.74 -4.75 2.08	36.24 -4.56 1.05	37.23 -4.65 0.02	36.39 -4.50 0.02	34.94 -4.19 0.00	35.34 -4.28 0.01	32.12 -3.73 0.00	30.88 -3.20 0.01	33.10 -3.60 0.44	33.94 -3.94 0.02	34.66 -4.02 0.33	37.54 -4.53 1.91	40.03 -4.31 2.49	40.80 -4.64 3.37	45.65 -4.53 3.74	46.59 -4.50 4.47	47.95 -5.44 15.50	58.34 -5.72 16.55	60.06 -5.58 17.66	63.38 -6.04 16.89	59.19 -5.31 7.31	46.96 -4.68 4.72	43.96 -4.41 3.54	40.15 -4.13 3.16
OXBOW___BTM 323836	39.56 -4.94 2.07	36.16 -4.65 1.05	36.72 -5.16 0.02	35.86 -5.03 0.02	34.86 -4.26 0.00	35.26 -4.36 0.01	32.05 -3.80 0.00	30.47 -3.61 0.01	32.48 -4.23 0.43	33.60 -4.28 0.02	34.07 -4.60 0.33	37.03 -5.06 1.90	39.63 -4.73 2.48	40.11 -5.37 3.33	45.67 -4.53 3.72	46.18 -4.95 4.44	47.39 -6.34 15.16	57.53 -6.93 16.16	59.26 -6.74 17.30	62.36 -7.42 16.52	58.60 -5.96 7.26	46.37 -5.30 4.69	43.57 -4.83 3.51	39.80 -4.51 3.13
OXBOW___ 24026	39.56 -4.94 2.07	36.08 -4.73 1.05	36.81 -5.07 0.02	35.94 -4.95 0.02	34.82 -4.30 0.00	34.90 -4.72 0.01	31.76 -4.09 0.00	30.57 -3.51 0.01	32.81 -3.90 0.43	33.52 -4.36 0.02	34.27 -4.41 0.33	37.03 -5.06 1.90	39.81 -4.54 2.48	40.45 -5.03 3.33	45.24 -4.96 3.72	46.12 -5.00 4.44	47.39 -6.34 15.16	57.53 -6.93 16.16	59.17 -6.83 17.30	62.45 -7.34 16.52	58.67 -5.89 7.26	46.32 -5.35 4.69	43.57 -4.83 3.51	39.80 -4.51 3.13
OXY_CHEM_DSASP 323612	39.25 -5.26 2.06	35.84 -4.98 1.04	36.31 -5.57 0.02	35.45 -5.44 0.02	34.59 -4.54 0.00	34.43 -5.19 0.01	31.33 -4.52 0.00	30.19 -3.89 0.01	32.46 -4.27 0.41	32.99 -4.89 0.02	33.77 -4.91 0.32	36.43 -5.67 1.89	39.46 -4.92 2.46	39.96 -5.56 3.29	44.67 -5.55 3.70	45.54 -5.61 4.41	46.64 -7.44 14.82	53.66 -8.38 18.57	57.19 -8.33 17.78	58.73 -8.98 18.60	57.79 -6.82 7.21	45.45 -6.26 4.65	42.97 -5.45 3.49	39.27 -5.08 3.09
OZONE_PARK_ESR 323760	50.25 3.68 0.00	45.29 3.43 0.00	44.87 2.97 0.00	43.70 2.78 0.00	41.59 2.46 0.00	41.96 2.34 0.00	38.18 2.33 0.00	36.95 2.86 0.00	40.22 3.08 0.00	41.24 3.34 0.00	42.67 3.67 0.00	48.26 4.27 -0.01	51.19 4.36 0.00	53.54 4.73 0.00	59.21 5.28 0.00	60.95 5.39 0.00	74.96 6.06 0.00	87.87 7.26 0.00	91.30 8.00 0.00	93.64 7.34 0.00	76.13 4.31 0.00	59.80 3.44 0.00	55.29 3.37 0.00	50.71 3.27 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	39.25 -5.26 2.06	35.84 -4.98 1.04	36.31 -5.57 0.02	35.45 -5.44 0.02	34.59 -4.54 0.00	34.43 -5.19 0.01	31.33 -4.52 0.00	30.19 -3.89 0.01	32.46 -4.27 0.41	32.99 -4.89 0.02	33.77 -4.91 0.32	36.43 -5.67 1.89	39.46 -4.92 2.46	39.96 -5.56 3.29	44.67 -5.55 3.70	45.54 -5.61 4.41	46.64 -7.44 14.82	53.66 -8.38 18.57	57.19 -8.33 17.78	58.73 -8.98 18.60	57.79 -6.82 7.21	45.45 -6.26 4.65	42.97 -5.45 3.49	39.27 -5.08 3.09
PACKARD___115KV_DUPONT_184 80571	39.25 -5.26 2.06	35.92 -4.90 1.04	36.22 -5.66 0.02	35.37 -5.52 0.02	34.63 -4.50 0.00	35.02 -4.60 0.01	31.83 -4.01 0.00	30.09 -3.99 0.01	31.97 -4.75 0.41	33.07 -4.81 0.02	33.53 -5.15 0.32	36.43 -5.67 1.89	39.22 -5.15 2.46	39.37 -6.15 3.29	45.16 -5.07 3.70	45.54 -5.61 4.41	46.57 -7.51 14.82	53.66 -8.39 18.57	57.19 -8.33 17.78	58.72 -8.98 18.60	57.71 -6.90 7.21	45.62 -6.09 4.65	42.97 -5.45 3.49	39.27 -5.07 3.09
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	49.93 3.35 -0.01	45.09 3.22 -0.01	44.66 2.77 0.00	43.45 2.54 0.00	41.28 2.15 0.00	41.49 1.86 0.00	37.71 1.86 0.00	36.54 2.45 0.00	39.78 2.64 0.00	40.74 2.84 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.78 3.93 -0.01	53.02 4.20 -0.01	58.62 4.69 -0.01	60.45 4.89 0.00	74.13 5.24 0.00	86.83 6.21 0.00	89.63 6.33 0.00	91.83 5.52 0.00	74.62 2.80 0.00	59.06 2.71 0.00	54.77 2.86 0.00	50.37 2.94 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	50.77 4.19 -0.01	45.80 3.93 -0.01	45.38 3.48 0.00	44.19 3.27 0.00	42.02 2.90 0.00	42.20 2.58 0.00	38.36 2.51 0.00	37.16 3.07 0.00	40.41 3.27 0.00	41.39 3.49 0.00	42.94 3.94 0.00	48.53 4.53 -0.01	51.62 4.78 -0.01	53.89 5.08 -0.01	59.65 5.72 -0.01	61.56 6.00 0.00	75.58 6.68 0.00	88.52 7.90 0.00	91.55 8.25 0.00	93.81 7.51 0.00	76.20 4.38 0.00	60.19 3.83 0.00	55.81 3.89 0.00	51.32 3.89 0.00
PATROON___115KV_TB1 80586	48.01 1.44 0.00	43.19 1.34 0.00	43.16 1.26 0.00	42.10 1.19 0.00	40.18 1.06 0.00	40.70 1.07 0.00	36.78 0.93 0.00	35.08 0.99 0.00	37.99 0.85 0.00	38.77 0.87 0.00	39.90 0.90 0.00	45.09 1.10 0.00	47.86 1.03 0.00	49.93 1.12 0.00	55.27 1.35 0.00	57.12 1.56 0.00	70.96 2.07 0.00	83.20 2.58 0.00	86.63 3.33 0.00	89.32 3.02 0.00	73.76 1.94 0.00	58.05 1.69 0.00	53.31 1.40 0.00	48.76 1.33 0.00
PATTRSNVILLE___SOLAR 323815	48.30 1.72 0.00	43.40 1.55 0.00	43.40 1.51 0.00	42.35 1.43 0.00	40.41 1.29 0.00	40.93 1.31 0.00	36.85 1.00 0.00	34.84 0.75 0.00	37.55 0.41 0.00	38.24 0.34 0.00	39.28 0.27 0.00	44.34 0.35 0.00	47.12 0.28 0.00	49.20 0.39 0.00	54.41 0.48 0.00	56.23 0.67 0.00	70.13 1.24 0.00	82.80 2.18 0.00	86.47 3.16 0.00	89.84 3.54 0.00	74.55 2.73 0.00	58.62 2.26 0.00	53.83 1.92 0.00	49.09 1.66 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	40.24 -4.24 2.10	36.73 -4.06 1.06	37.94 -3.94 0.02	37.09 -3.81 0.02	35.25 -3.87 0.00	35.89 -3.72 0.01	32.62 -3.23 0.00	31.28 -2.80 0.01	34.42 -2.23 0.49	35.75 -2.12 0.02	36.25 -2.42 0.33	39.65 -2.42 1.91	41.14 -3.18 2.51	42.67 -2.68 3.45	46.87 -3.29 3.76	48.73 -2.33 4.49	50.09 -2.34 16.46	63.47 -1.93 15.21	63.73 -1.58 17.99	68.69 -1.90 15.72	60.66 -3.81 7.35	49.49 -2.14 4.72	45.97 -2.39 3.56	41.83 -2.37 3.23

PAWLING_115_KV_BK3_REV_LBMP_H 345028	49.64 3.07 0.00	44.74 2.89 0.00	44.37 2.47 0.00	43.25 2.33 0.00	41.20 2.07 0.00	41.65 2.02 0.00	37.82 1.97 0.00	36.37 2.28 0.00	39.55 2.41 0.00	40.44 2.54 0.00	41.93 2.93 0.00	47.37 3.39 0.00	50.35 3.51 0.00	52.71 3.90 0.00	58.40 4.48 0.00	60.23 4.67 0.00	74.27 5.37 0.00	87.31 6.69 0.00	90.80 7.50 0.00	93.21 6.90 0.00	76.06 4.24 0.00	59.74 3.38 0.00	54.92 3.01 0.00	50.37 2.94 0.00
PEEKSKILL____ 23653	49.18 2.61 0.00	44.37 2.51 0.00	44.20 2.30 0.00	43.00 2.09 0.00	41.00 1.88 0.00	41.45 1.82 0.00	37.64 1.79 0.00	36.30 2.21 0.00	39.44 2.30 0.00	40.33 2.43 0.00	41.77 2.77 0.00	47.11 3.12 0.00	50.11 3.28 0.00	52.33 3.52 0.00	57.81 3.88 0.00	59.56 4.00 0.00	73.44 4.55 0.00	86.43 5.81 0.00	89.47 6.16 0.00	91.74 5.44 0.00	74.91 3.09 0.00	58.84 2.48 0.00	54.30 2.39 0.00	49.85 2.42 0.00
PGE MADISON__WINDPWR 24146	48.52 2.00 0.05	43.46 1.63 0.02	43.58 1.68 -0.01	42.68 1.76 -0.01	40.85 1.72 0.00	41.37 1.74 0.00	37.03 1.18 0.00	35.18 1.09 0.00	37.77 0.52 -0.11	38.25 0.34 -0.01	39.16 0.16 0.00	44.21 0.26 0.04	47.10 0.33 0.06	49.20 0.29 -0.09	54.31 0.49 0.10	56.34 0.89 0.11	72.96 1.93 -2.13	86.70 3.71 -2.37	90.82 5.50 -2.02	94.88 6.56 -2.02	76.96 5.31 0.17	60.27 4.00 0.09	54.89 3.06 0.09	50.01 2.51 -0.07
PIERCEFIELD____HYD 23852	45.97 -0.61 0.00	41.31 -0.54 0.00	41.27 -0.63 0.00	40.34 -0.57 0.00	38.81 -0.31 0.00	39.07 -0.55 0.00	35.35 -0.50 0.00	33.27 -0.82 0.00	36.43 -0.71 0.00	37.07 -0.83 0.00	38.19 -0.82 0.00	42.89 -1.10 0.00	45.76 -1.08 0.00	47.54 -1.27 0.00	52.25 -1.67 0.00	53.62 -1.94 0.00	66.48 -2.41 0.00	78.04 -2.58 0.00	80.47 -2.83 0.00	84.15 -2.16 0.00	70.82 -1.01 0.00	55.34 -1.01 0.00	51.19 -0.73 0.00	46.77 -0.66 0.00
PINELAWN_CC_I 323563	54.86 4.28 -4.01	45.85 3.98 -0.02	45.21 3.31 0.00	43.70 2.78 0.00	41.63 2.51 0.00	41.96 2.34 0.00	38.11 2.26 0.00	37.02 2.93 0.00	40.78 3.60 -0.04	52.18 3.68 -10.60	52.76 3.71 -10.05	54.05 4.18 -5.89	62.06 4.31 -10.92	64.51 4.54 -11.16	106.46 5.18 -47.36	98.62 5.33 -37.72	115.78 6.33 -40.55	103.13 7.91 -14.61	92.01 8.33 -0.38	93.29 6.99 0.00	74.76 2.95 0.01	58.83 2.48 0.01	54.09 2.18 0.01	50.66 3.23 0.00
PJM_GEN_HTP_PROXY 323702	49.69 3.12 0.00	44.83 2.97 0.00	44.62 2.72 0.00	43.37 2.45 0.00	41.35 2.23 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.75 2.66 0.00	39.96 2.82 0.00	40.15 2.96 0.71	42.99 3.28 -0.71	47.69 3.70 -0.01	50.68 3.84 0.00	52.96 4.15 0.00	58.50 4.58 0.00	60.23 4.67 0.00	74.06 5.17 0.00	87.14 6.53 0.00	90.13 6.83 0.00	92.43 6.13 0.00	75.27 3.45 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.18 2.75 0.00
PJM_GEN_KEystone 24065	43.00 -0.79 2.78	38.70 -0.75 2.40	34.60 -0.84 6.46	32.32 -0.86 7.74	32.00 -0.90 6.23	31.30 -0.95 7.37	32.96 -0.75 2.13	33.81 -0.27 0.00	36.75 -0.26 0.13	37.03 -0.15 0.72	39.52 -0.08 -0.59	43.25 -0.04 0.70	45.83 -0.09 0.92	47.62 0.00 1.19	52.60 0.05 1.37	54.26 0.34 1.64	64.10 0.28 5.07	75.62 0.89 5.89	78.44 1.17 6.03	80.88 0.61 6.03	68.35 -0.79 2.68	54.07 -0.56 1.73	49.99 -0.62 1.30	44.40 -0.52 2.51
PJM_GEN_NEPTUNE_PROXY 323594	54.03 3.45 -4.01	45.18 3.31 -0.02	44.62 2.72 0.00	43.17 2.25 0.00	41.12 1.99 0.00	41.49 1.86 0.00	37.68 1.83 0.00	36.58 2.49 0.00	40.26 3.08 -0.04	50.97 3.18 -9.88	53.16 3.39 -10.76	53.64 3.78 -5.87	61.48 3.93 -10.71	64.03 4.20 -11.02	104.55 4.75 -45.88	98.11 4.83 -37.72	114.47 5.51 -40.07	102.24 7.01 -14.61	91.09 7.41 -0.38	92.43 6.13 0.00	73.90 2.08 0.01	58.10 1.75 0.01	53.52 1.61 0.01	49.99 2.56 0.00
PJM_GEN_VFT_PROXY 323633	49.55 2.98 0.00	44.70 2.85 0.00	44.50 2.60 0.00	43.25 2.33 0.00	41.20 2.07 0.00	41.65 2.02 0.00	37.86 2.01 0.00	36.68 2.59 0.00	39.85 2.71 0.00	40.03 2.84 0.71	42.92 3.20 -0.71	47.60 3.61 -0.01	50.58 3.75 0.00	52.86 4.05 0.00	58.40 4.47 0.00	60.12 4.56 0.00	73.86 4.96 0.00	86.83 6.21 0.00	89.88 6.58 0.00	92.09 5.78 0.00	74.98 3.16 0.00	58.95 2.59 0.00	54.51 2.59 0.00	50.04 2.61 0.00
PLATSBURG_115KV_PMLD1 355749	46.15 -0.42 0.00	41.56 -0.29 0.00	41.61 -0.29 0.00	40.67 -0.25 0.00	39.12 0.00 0.00	39.59 -0.04 0.00	35.89 0.04 0.00	33.99 -0.10 0.00	37.29 0.15 0.00	37.94 0.04 0.00	39.04 0.04 0.00	43.90 -0.09 0.00	46.83 0.00 0.00	48.71 -0.10 0.00	53.65 -0.27 0.00	54.23 -1.33 0.00	66.69 -2.20 0.00	78.12 -2.50 0.00	80.39 -2.92 0.00	83.63 -2.68 0.00	70.03 -1.80 0.00	55.18 -1.18 0.00	51.76 -0.16 0.00	47.29 -0.14 0.00
PLEASANTVLY____LBMP 24000	48.95 2.38 0.00	44.12 2.26 0.00	43.83 1.93 0.00	42.72 1.80 0.00	40.73 1.60 0.00	41.17 1.55 0.00	37.35 1.51 0.00	35.96 1.87 0.00	39.11 1.97 0.00	40.02 2.12 0.00	41.42 2.42 0.00	46.76 2.77 0.00	49.69 2.86 0.00	51.93 3.12 0.00	57.37 3.45 0.00	59.12 3.56 0.00	72.89 4.00 0.00	85.45 4.84 0.00	88.72 5.41 0.00	91.14 4.83 0.00	74.48 2.66 0.00	58.50 2.14 0.00	53.99 2.08 0.00	49.57 2.13 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	49.41 2.84 0.00	44.53 2.68 0.00	44.20 2.30 0.00	43.04 2.13 0.00	41.04 1.92 0.00	41.45 1.82 0.00	37.64 1.79 0.00	36.31 2.22 0.00	39.52 2.38 0.00	40.44 2.54 0.00	41.85 2.85 0.00	47.29 3.30 0.00	50.25 3.42 0.00	52.52 3.71 0.00	58.02 4.10 0.00	59.78 4.22 0.00	73.72 4.82 0.00	86.42 5.80 0.00	89.80 6.50 0.00	92.17 5.87 0.00	75.12 3.30 0.00	59.01 2.65 0.00	54.46 2.54 0.00	49.95 2.51 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	49.41 2.84 0.00	44.53 2.68 0.00	44.20 2.30 0.00	43.04 2.13 0.00	41.04 1.92 0.00	41.45 1.82 0.00	37.64 1.79 0.00	36.31 2.22 0.00	39.52 2.38 0.00	40.44 2.54 0.00	41.85 2.85 0.00	47.29 3.30 0.00	50.25 3.42 0.00	52.52 3.71 0.00	58.02 4.10 0.00	59.78 4.22 0.00	73.72 4.82 0.00	86.42 5.80 0.00	89.80 6.50 0.00	92.17 5.87 0.00	75.12 3.30 0.00	59.01 2.65 0.00	54.46 2.54 0.00	49.95 2.51 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	49.23 2.65 0.00	44.32 2.47 0.00	44.04 2.14 0.00	42.96 2.05 0.00	40.92 1.80 0.00	41.41 1.78 0.00	37.57 1.72 0.00	36.10 2.01 0.00	39.26 2.12 0.00	40.10 2.20 0.00	41.46 2.46 0.00	46.80 2.82 0.00	49.79 2.95 0.00	52.13 3.32 0.00	57.64 3.72 0.00	59.45 3.89 0.00	73.51 4.62 0.00	86.26 5.64 0.00	89.72 6.41 0.00	92.26 5.95 0.00	75.41 3.59 0.00	59.18 2.82 0.00	54.51 2.60 0.00	49.95 2.51 0.00
POLETTI____ 23519	49.69 3.12 0.00	44.83 2.97 0.00	44.41 2.51 0.00	43.29 2.37 0.00	41.20 2.07 0.00	41.57 1.94 0.00	37.82 1.97 0.00	36.61 2.52 0.00	39.85 2.71 0.00	40.82 2.92 0.00	42.24 3.24 0.00	47.73 3.74 -0.01	50.63 3.79 0.00	52.91 4.10 0.00	58.51 4.58 0.00	60.23 4.67 0.00	74.06 5.17 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.34 6.04 0.00	75.12 3.30 0.00	59.12 2.76 0.00	54.61 2.70 0.00	50.18 2.75 0.00

POMONA___ESR 323819	49.04 2.47 0.00	44.24 2.38 0.00	44.12 2.22 0.00	42.96 2.04 0.00	40.96 1.84 0.00	41.41 1.78 0.00	37.57 1.72 0.00	36.24 2.15 0.00	39.37 2.23 0.00	40.25 2.35 0.00	41.69 2.69 0.00	47.02 3.03 0.00	50.06 3.23 0.00	52.28 3.47 0.00	57.75 3.83 0.00	59.51 3.95 0.00	73.37 4.48 0.00	86.34 5.72 0.00	89.38 6.08 0.00	91.66 5.35 0.00	74.84 3.02 0.00	58.78 2.42 0.00	54.25 2.34 0.00	49.80 2.37 0.00
PORT_JEFF_3 23555	54.91 4.33 -4.01	45.93 4.06 -0.02	45.21 3.31 0.00	43.66 2.74 0.00	41.63 2.51 0.00	41.96 2.34 0.00	38.07 2.22 0.00	37.02 2.93 0.00	40.86 3.68 -0.04	52.29 3.79 -10.60	52.80 3.74 -10.05	54.22 4.22 -6.01	62.91 4.22 -11.86	65.01 4.39 -11.81	119.47 4.96 -60.59	98.24 4.94 -37.73	119.63 5.85 -44.88	102.57 7.34 -14.62	91.34 7.66 -0.38	92.43 6.13 0.00	74.26 2.44 0.01	58.72 2.37 0.01	54.14 2.23 0.01	50.80 3.37 0.00
PORT_JEFF_4 23616	54.91 4.33 -4.01	45.93 4.06 -0.02	45.21 3.31 0.00	43.66 2.74 0.00	41.63 2.51 0.00	41.96 2.34 0.00	38.07 2.22 0.00	37.02 2.93 0.00	40.86 3.68 -0.04	52.29 3.79 -10.60	52.80 3.74 -10.05	54.22 4.22 -6.01	62.91 4.22 -11.86	65.01 4.39 -11.81	119.47 4.96 -60.59	98.24 4.94 -37.73	119.63 5.85 -44.88	102.57 7.34 -14.62	91.34 7.66 -0.38	92.43 6.13 0.00	74.26 2.44 0.01	58.72 2.37 0.01	54.14 2.23 0.01	50.80 3.37 0.00
PORT_JEFF_IC 23713	55.05 4.47 -4.01	46.06 4.19 -0.02	45.08 3.18 0.00	43.62 2.70 0.00	41.43 2.31 0.00	41.61 1.98 0.00	37.89 2.04 0.00	36.95 2.86 0.00	40.86 3.68 -0.04	52.37 3.87 -10.60	52.88 3.82 -10.05	54.41 4.40 -6.02	62.90 4.40 -11.66	65.16 4.69 -11.67	120.66 5.23 -61.51	98.35 5.06 -37.73	120.07 5.99 -45.19	102.42 7.17 -14.62	91.43 7.75 -0.38	92.78 6.47 0.00	74.61 2.80 0.01	58.89 2.54 0.01	54.40 2.49 0.01	50.90 3.46 0.00
PPL PILGRIM_ST_GT1 24216	55.15 4.57 -4.01	46.14 4.27 -0.02	45.42 3.52 0.00	43.90 2.99 0.00	41.82 2.70 0.00	42.16 2.54 0.00	38.25 2.40 0.00	37.19 3.10 0.00	41.01 3.83 -0.04	52.44 3.94 -10.60	52.84 3.78 -10.05	54.20 4.27 -5.95	63.06 4.45 -11.77	65.10 4.54 -11.75	113.36 5.13 -54.31	98.46 5.17 -37.73	117.78 6.06 -42.82	102.89 7.66 -14.61	91.68 8.00 -0.38	92.86 6.56 0.00	74.61 2.80 0.01	58.89 2.54 0.01	54.19 2.28 0.01	50.85 3.42 0.00
PPL PILGRIM_ST_GT2 24217	55.15 4.57 -4.01	46.14 4.27 -0.02	45.42 3.52 0.00	43.90 2.99 0.00	41.82 2.70 0.00	42.16 2.54 0.00	38.25 2.40 0.00	37.19 3.10 0.00	41.01 3.83 -0.04	52.44 3.94 -10.60	52.84 3.78 -10.05	54.20 4.27 -5.95	63.06 4.45 -11.77	65.10 4.54 -11.75	113.36 5.13 -54.31	98.46 5.17 -37.73	117.78 6.06 -42.82	102.89 7.66 -14.61	91.68 8.00 -0.38	92.86 6.56 0.00	74.61 2.80 0.01	58.89 2.54 0.01	54.19 2.28 0.01	50.85 3.42 0.00
PPL_SHRM_GT3 24213	55.28 4.70 -4.01	46.22 4.35 -0.02	45.42 3.52 0.00	43.86 2.95 0.00	41.86 2.74 0.00	42.16 2.54 0.00	38.25 2.40 0.00	37.22 3.13 0.00	41.16 3.98 -0.04	52.59 4.09 -10.60	53.19 4.13 -10.05	54.75 4.75 -6.01	63.56 4.92 -11.81	65.75 5.17 -11.77	120.45 5.83 -60.70	99.35 6.06 -37.73	121.11 7.30 -44.92	104.34 9.11 -14.62	93.09 9.41 -0.38	94.24 7.93 0.00	75.40 3.59 0.01	59.34 2.98 0.01	54.65 2.75 0.01	51.18 3.75 0.00
PPL_SHRM_GT4 24214	55.28 4.70 -4.01	46.22 4.35 -0.02	45.42 3.52 0.00	43.86 2.95 0.00	41.86 2.74 0.00	42.16 2.54 0.00	38.25 2.40 0.00	37.22 3.13 0.00	41.16 3.98 -0.04	52.59 4.09 -10.60	53.19 4.13 -10.05	54.75 4.75 -6.01	63.56 4.92 -11.81	65.75 5.17 -11.77	120.45 5.83 -60.70	99.35 6.06 -37.73	121.11 7.30 -44.92	104.34 9.11 -14.62	93.09 9.41 -0.38	94.24 7.93 0.00	75.40 3.59 0.01	59.34 2.98 0.01	54.65 2.75 0.01	51.18 3.75 0.00
PROJECT___ORANGE 1 24174	45.14 -0.88 0.54	40.66 -0.92 0.27	41.14 -0.75 0.00	40.18 -0.74 0.00	38.42 -0.70 0.00	38.91 -0.71 0.00	35.20 -0.65 0.00	33.58 -0.51 0.00	36.40 -0.74 0.00	37.11 -0.80 0.00	38.03 -0.90 0.08	42.53 -0.97 0.49	45.25 -0.94 0.65	47.07 -1.02 0.72	51.87 -1.08 0.98	53.40 -1.00 1.16	66.09 -1.03 1.77	77.25 -0.97 2.40	79.98 -0.75 2.57	82.80 -0.78 2.72	69.06 -0.86 1.89	54.36 -0.79 1.21	50.16 -0.83 0.92	45.94 -0.81 0.69
PROJECT___ORANGE 2 24166	45.14 -0.88 0.54	40.66 -0.92 0.27	41.14 -0.75 0.00	40.18 -0.74 0.00	38.42 -0.70 0.00	38.91 -0.71 0.00	35.20 -0.65 0.00	33.58 -0.51 0.00	36.40 -0.74 0.00	37.11 -0.80 0.00	38.03 -0.90 0.08	42.53 -0.97 0.49	45.25 -0.94 0.65	47.07 -1.02 0.72	51.87 -1.08 0.98	53.40 -1.00 1.16	66.09 -1.03 1.77	77.25 -0.97 2.40	79.98 -0.75 2.57	82.80 -0.78 2.72	69.06 -0.86 1.89	54.36 -0.79 1.21	50.16 -0.83 0.92	45.94 -0.81 0.69
PUCKETT___SOLAR 323809	46.64 0.23 0.17	41.86 0.08 0.08	41.99 0.08 0.00	41.04 0.12 0.00	39.24 0.12 0.00	39.75 0.12 0.00	35.81 -0.04 0.00	34.16 0.07 0.00	37.06 -0.15 -0.07	37.56 -0.34 0.00	38.55 -0.43 0.02	43.36 -0.48 0.14	46.12 -0.51 0.20	48.21 -0.49 0.11	53.14 -0.49 0.30	55.04 -0.17 0.35	70.08 0.21 -0.98	82.69 1.05 -1.03	85.95 1.92 -0.73	89.18 2.16 -0.71	72.62 1.36 0.57	57.08 1.07 0.35	52.31 0.67 0.28	47.83 0.52 0.12
PYRITES___HYD 24023	46.76 0.19 0.00	42.02 0.17 0.00	41.94 0.04 0.00	41.00 0.08 0.00	39.48 0.35 0.00	39.74 0.12 0.00	35.92 0.07 0.00	33.68 -0.41 0.00	36.81 -0.33 0.00	37.37 -0.53 0.00	38.46 -0.55 0.00	43.24 -0.75 0.00	46.09 -0.75 0.00	47.88 -0.93 0.00	52.63 -1.29 0.00	54.06 -1.50 0.00	67.10 -1.79 0.00	78.92 -1.69 0.00	81.64 -1.67 0.00	85.70 -0.60 0.00	72.25 0.43 0.00	56.47 0.11 0.00	52.12 0.21 0.00	47.62 0.19 0.00
QUAKERRD_115KV_BK1 80622	41.67 -3.31 1.59	37.79 -3.26 0.80	38.71 -3.18 0.00	37.84 -3.07 0.00	36.23 -2.90 0.00	36.73 -2.89 0.00	33.27 -2.58 0.00	31.87 -2.22 0.00	34.11 -2.93 0.09	34.94 -2.96 0.00	35.80 -2.96 0.24	39.16 -3.39 1.44	41.65 -3.28 1.90	42.82 -3.76 2.24	47.45 -3.61 2.86	48.38 -3.78 3.41	57.39 -4.41 7.10	66.82 -4.60 9.20	69.48 -4.41 9.40	71.77 -4.66 9.88	62.37 -3.88 5.57	49.31 -3.49 3.56	45.74 -3.48 2.70	41.98 -3.32 2.14
QUENSBRY_115KV_TB8 356137	49.27 2.70 0.00	44.32 2.47 0.00	44.12 2.22 0.00	43.00 2.09 0.00	40.96 1.84 0.00	41.45 1.82 0.00	37.39 1.54 0.00	35.52 1.43 0.00	38.18 1.04 0.00	38.85 0.95 0.00	39.47 0.47 0.00	44.87 0.88 0.00	47.21 0.37 0.00	49.25 0.44 0.00	54.62 0.70 0.00	56.73 1.17 0.00	71.92 3.03 0.00	84.73 4.11 0.00	89.38 6.08 0.00	92.69 6.39 0.00	76.78 4.96 0.00	60.36 4.00 0.00	55.13 3.22 0.00	50.09 2.66 0.00
RAMAPO___LBMP 323565	48.85 2.28 0.00	44.12 2.26 0.00	43.78 1.89 0.00	42.68 1.76 0.00	40.69 1.56 0.00	41.13 1.51 0.00	37.32 1.47 0.00	35.96 1.87 0.00	39.15 2.01 0.00	40.10 2.20 0.00	41.50 2.50 0.00	46.89 2.90 0.00	49.83 3.00 0.00	52.08 3.27 0.00	57.48 3.56 0.00	59.23 3.67 0.00	73.03 4.13 0.00	85.62 5.00 0.00	88.88 5.58 0.00	91.31 5.01 0.00	74.55 2.73 0.00	58.50 2.14 0.00	54.04 2.13 0.00	49.57 2.13 0.00

RANKINE_____	40.00 -4.38 2.20	36.52 -4.23 1.11	37.72 -4.15 0.03	36.88 -4.01 0.03	35.21 -3.91 0.00	35.77 -3.84 0.01	32.52 -3.33 0.00	31.21 -2.86 0.01	33.48 -3.12 0.54	34.80 -3.07 0.03	35.42 -3.24 0.35	38.41 -3.56 2.02	40.41 -3.79 2.63	41.26 -3.90 3.64	45.93 -4.04 3.94	47.13 -3.72 4.71	47.09 -4.13 17.66	57.51 -4.11 18.99	59.52 -3.83 19.95	63.02 -4.14 19.14	59.59 -4.52 7.71	47.83 -3.55 4.98	44.55 -3.63 3.73	40.52 -3.51 3.41
RAVENSWOOD_GT2_1 24244	49.69 3.12 0.00	44.83 2.97 0.00	44.41 2.51 0.00	43.29 2.37 0.00	41.20 2.07 0.00	41.61 1.98 0.00	37.82 1.97 0.00	36.58 2.49 0.00	39.85 2.71 0.00	40.82 2.92 0.00	42.24 3.24 0.00	47.73 3.74 -0.01	50.63 3.79 0.00	52.91 4.10 0.00	58.51 4.58 0.00	60.23 4.67 0.00	73.99 5.10 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.34 6.04 0.00	75.12 3.30 0.00	59.12 2.76 0.00	54.61 2.70 0.00	50.18 2.75 0.00
RAVENSWOOD_GT2_2 24245	49.69 3.12 0.00	44.83 2.97 0.00	44.41 2.51 0.00	43.29 2.37 0.00	41.20 2.07 0.00	41.61 1.98 0.00	37.82 1.97 0.00	36.58 2.49 0.00	39.85 2.71 0.00	40.82 2.92 0.00	42.24 3.24 0.00	47.73 3.74 -0.01	50.63 3.79 0.00	52.91 4.10 0.00	58.51 4.58 0.00	60.23 4.67 0.00	73.99 5.10 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.34 6.04 0.00	75.12 3.30 0.00	59.12 2.76 0.00	54.61 2.70 0.00	50.18 2.75 0.00
RAVENSWOOD_GT2_3 24246	49.69 3.12 0.00	44.87 3.01 0.00	44.45 2.56 0.00	43.29 2.37 0.00	41.20 2.07 0.00	41.61 1.98 0.00	37.82 1.97 0.00	36.61 2.52 0.00	39.85 2.71 0.00	40.82 2.92 0.00	42.24 3.24 0.00	47.73 3.74 -0.01	50.68 3.84 0.00	52.91 4.10 0.00	58.51 4.58 0.00	60.23 4.67 0.00	74.06 5.17 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.34 6.04 0.00	75.12 3.30 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.18 -2.75 0.00
RAVENSWOOD_GT2_4 24247	49.69 3.12 0.00	44.87 3.01 0.00	44.45 2.56 0.00	43.29 2.37 0.00	41.20 2.07 0.00	41.61 1.98 0.00	37.82 1.97 0.00	36.61 2.52 0.00	39.85 2.71 0.00	40.82 2.92 0.00	42.24 3.24 0.00	47.73 3.74 -0.01	50.68 3.84 0.00	52.91 4.10 0.00	58.51 4.58 0.00	60.23 4.67 0.00	74.06 5.17 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.34 6.04 0.00	75.12 3.30 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.18 2.75 0.00
RAVENSWOOD_GT3_1 24248	49.69 3.12 0.00	44.83 2.97 0.00	44.45 2.56 0.00	43.29 2.37 0.00	41.20 2.07 0.00	41.61 1.98 0.00	37.82 1.97 0.00	36.61 2.52 0.00	39.85 2.71 0.00	40.82 2.92 0.00	42.24 3.24 0.00	47.73 3.74 -0.01	50.63 3.79 0.00	52.91 4.10 0.00	58.51 4.58 0.00	60.23 4.67 0.00	74.06 5.17 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.34 6.04 0.00	75.12 3.30 0.00	59.12 2.76 0.00	54.61 2.70 0.00	50.18 2.75 0.00
RAVENSWOOD_GT3_2 24249	49.69 3.12 0.00	44.83 2.97 0.00	44.45 2.56 0.00	43.29 2.37 0.00	41.20 2.07 0.00	41.61 1.98 0.00	37.82 1.97 0.00	36.61 2.52 0.00	39.85 2.71 0.00	40.82 2.92 0.00	42.24 3.24 0.00	47.73 3.74 -0.01	50.63 3.79 0.00	52.91 4.10 0.00	58.51 4.58 0.00	60.23 4.67 0.00	74.06 5.17 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.34 6.04 0.00	75.12 3.30 0.00	59.12 2.76 0.00	54.61 2.70 0.00	50.18 2.75 0.00
RAVENSWOOD_GT3_3 24250	49.78 3.21 0.00	44.91 3.06 0.00	44.50 2.60 0.00	43.37 2.45 0.00	41.28 2.15 0.00	41.65 2.02 0.00	37.89 2.04 0.00	36.65 2.56 0.00	39.93 2.79 0.00	40.90 2.99 0.00	42.32 3.32 0.00	47.82 3.83 -0.01	50.77 3.93 0.00	53.06 4.25 0.00	58.61 4.69 0.00	60.34 4.78 0.00	74.20 5.30 0.00	86.91 6.29 0.00	90.22 6.91 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.23 2.87 0.00	54.72 2.80 0.00	50.28 2.85 0.00
RAVENSWOOD_GT3_4 24251	49.78 3.21 0.00	44.91 3.06 0.00	44.50 2.60 0.00	43.37 2.45 0.00	41.28 2.15 0.00	41.65 2.02 0.00	37.89 2.04 0.00	36.65 2.56 0.00	39.93 2.79 0.00	40.90 2.99 0.00	42.32 3.32 0.00	47.82 3.83 -0.01	50.77 3.93 0.00	53.06 4.25 0.00	58.61 4.69 0.00	60.34 4.78 0.00	74.20 5.30 0.00	86.91 6.29 0.00	90.22 6.91 0.00	92.60 6.30 0.00	75.34 3.52 0.00	59.23 2.87 0.00	54.72 2.80 0.00	50.28 2.85 0.00
RAVENSWOOD_GT_1 23729	49.93 3.35 -0.01	45.05 3.18 -0.01	44.62 2.72 0.00	43.45 2.54 0.00	41.35 2.23 0.00	41.65 2.02 0.00	37.89 2.04 0.00	36.71 2.62 0.00	39.96 2.82 0.00	40.93 3.03 0.00	42.44 3.43 0.00	47.95 3.96 -0.01	50.87 4.03 -0.01	53.16 4.34 -0.01	58.79 4.85 -0.01	60.51 4.94 0.00	74.20 5.30 0.00	86.83 6.21 0.00	90.05 6.75 0.00	92.26 5.95 0.00	75.05 3.23 0.00	59.23 2.87 0.00	54.82 2.91 0.00	50.38 2.94 0.00
RAVENSWOOD_GT_10 24258	49.69 3.12 0.00	44.83 2.97 0.00	44.41 2.51 0.00	43.29 2.37 0.00	41.20 2.07 0.00	41.61 1.98 0.00	37.82 1.97 0.00	36.61 2.52 0.00	39.85 2.71 0.00	40.82 2.92 0.00	42.24 3.24 0.00	47.73 3.74 -0.01	50.63 3.79 0.00	52.91 4.10 0.00	58.51 4.58 0.00	60.23 4.67 0.00	74.06 5.17 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.34 6.04 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.61 2.70 0.00	50.18 2.75 0.00
RAVENSWOOD_GT_11 24259	49.69 3.12 0.00	44.83 2.97 0.00	44.41 2.51 0.00	43.29 2.37 0.00	41.20 2.07 0.00	41.61 1.98 0.00	37.82 1.97 0.00	36.61 2.52 0.00	39.85 2.71 0.00	40.82 2.92 0.00	42.24 3.24 0.00	47.73 3.74 -0.01	50.63 3.79 0.00	52.91 4.10 0.00	58.51 4.58 0.00	60.23 4.67 0.00	74.06 5.17 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.34 6.04 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.61 2.70 0.00	50.18 2.75 0.00
RAVENSWOOD_GT_4 24252	49.75 3.17 -0.01	44.92 3.06 -0.01	44.49 2.60 0.00	43.33 2.41 0.00	41.24 2.11 0.00	41.61 1.98 0.00	37.82 1.97 0.00	36.61 2.52 0.00	39.85 2.71 0.00	40.86 2.96 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.73 3.89 -0.01	53.01 4.20 -0.01	58.57 4.64 -0.01	60.28 4.72 0.00	74.06 5.17 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.34 6.04 0.00	75.12 3.30 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.23 2.80 0.00
RAVENSWOOD_GT_5 24254	49.75 3.17 -0.01	44.92 3.06 -0.01	44.49 2.60 0.00	43.33 2.41 0.00	41.24 2.11 0.00	41.61 1.98 0.00	37.82 1.97 0.00	36.61 2.52 0.00	39.85 2.71 0.00	40.86 2.96 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.73 3.89 -0.01	53.01 4.20 -0.01	58.57 4.64 -0.01	60.28 4.72 0.00	74.06 5.17 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.34 6.04 0.00	75.12 3.30 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.23 2.80 0.00
RAVENSWOOD_GT_6 24253	49.75 3.17 -0.01	44.92 3.06 -0.01	44.49 2.60 0.00	43.33 2.41 0.00	41.24 2.11 0.00	41.61 1.98 0.00	37.82 1.97 0.00	36.61 2.52 0.00	39.85 2.71 0.00	40.86 2.96 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.73 3.89 -0.01	53.01 4.20 -0.01	58.57 4.64 -0.01	60.28 4.72 0.00	74.06 5.17 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.34 6.04 0.00	75.12 3.30 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.23 2.80 0.00

RAVENSWOOD_GT_7 24255	49.75 3.17 -0.01	44.92 3.06 -0.01	44.49 2.60 0.00	43.33 2.41 0.00	41.24 2.11 0.00	41.61 1.98 0.00	37.82 1.97 0.00	36.61 2.52 0.00	39.85 2.71 0.00	40.86 2.96 0.00	42.28 3.28 0.00	47.78 3.78 -0.01	50.73 3.89 -0.01	53.01 4.20 -0.01	58.57 4.64 -0.01	60.28 4.72 0.00	74.06 5.17 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.34 6.04 0.00	75.12 3.30 0.00	59.12 2.76 0.00	54.66 2.75 0.00	50.23 2.80 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	49.69 3.12 0.00	44.83 2.97 0.00	44.41 2.51 0.00	43.29 2.37 0.00	41.20 2.07 0.00	41.61 1.98 0.00	37.82 1.97 0.00	36.61 2.52 0.00	39.85 2.71 0.00	40.82 2.92 0.00	42.24 3.24 0.00	47.73 3.74 -0.01	50.63 3.79 0.00	52.91 4.10 0.00	58.51 4.58 0.00	60.23 4.67 0.00	74.06 5.17 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.34 6.04 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.61 2.70 0.00	50.18 2.75 0.00
RAVENSWOOD_GT_9 24257	49.69 3.12 0.00	44.83 2.97 0.00	44.41 2.51 0.00	43.29 2.37 0.00	41.20 2.07 0.00	41.61 1.98 0.00	37.82 1.97 0.00	36.61 2.52 0.00	39.85 2.71 0.00	40.82 2.92 0.00	42.24 3.24 0.00	47.73 3.74 -0.01	50.63 3.79 0.00	52.91 4.10 0.00	58.51 4.58 0.00	60.23 4.67 0.00	74.06 5.17 0.00	86.74 6.13 0.00	90.05 6.75 0.00	92.34 6.04 0.00	75.20 3.38 0.00	59.12 2.76 0.00	54.61 2.70 0.00	50.18 2.75 0.00
RAVENSWOOD___1 23533	49.89 3.31 -0.01	45.00 3.14 -0.01	44.83 2.93 0.00	43.57 2.66 0.00	41.47 2.35 0.00	41.80 2.18 0.00	38.04 2.19 0.00	36.89 2.80 0.00	40.04 2.90 0.00	40.93 3.03 0.00	42.40 3.39 0.00	47.87 3.87 -0.01	50.87 4.03 -0.01	53.11 4.30 -0.01	58.68 4.75 -0.01	60.45 4.89 0.00	74.20 5.31 0.00	87.23 6.61 0.00	90.13 6.83 0.00	92.18 5.87 0.00	75.06 3.23 0.00	59.12 2.76 0.00	54.77 2.85 0.00	50.38 2.94 0.00
RAVENSWOOD___2 23534	49.89 3.31 -0.01	45.00 3.14 -0.01	44.83 2.93 0.00	43.54 2.62 0.00	41.47 2.35 0.00	41.80 2.18 0.00	38.04 2.19 0.00	36.85 2.76 0.00	40.04 2.90 0.00	40.93 3.03 0.00	42.40 3.39 0.00	47.87 3.87 -0.01	50.87 4.03 -0.01	53.06 4.24 -0.01	58.68 4.75 -0.01	60.39 4.83 0.00	74.20 5.31 0.00	87.23 6.61 0.00	90.05 6.74 0.00	92.18 5.87 0.00	75.06 3.23 0.00	59.12 2.76 0.00	54.77 2.85 0.00	50.33 2.89 0.00
RAVENSWOOD___3 23535	49.69 3.12 0.00	44.83 2.97 0.00	44.66 2.76 0.00	43.41 2.50 0.00	41.35 2.23 0.00	41.76 2.14 0.00	37.96 2.11 0.00	36.75 2.66 0.00	39.96 2.82 0.00	40.82 2.92 0.00	42.28 3.28 0.00	47.69 3.70 -0.01	50.68 3.84 0.00	52.91 4.10 0.00	58.45 4.53 0.00	60.17 4.61 0.00	73.99 5.10 0.00	87.07 6.45 0.00	90.05 6.74 0.00	92.25 5.95 0.00	75.13 3.31 0.00	59.06 2.71 0.00	54.61 2.70 0.00	50.18 2.75 0.00
RAVENSWOOD___4 23820	49.84 3.26 -0.01	45.00 3.14 -0.01	44.79 2.89 0.00	43.54 2.62 0.00	41.47 2.35 0.00	41.80 2.18 0.00	38.04 2.19 0.00	36.85 2.76 0.00	40.04 2.90 0.00	40.89 2.99 0.00	42.40 3.39 0.00	47.87 3.87 -0.01	50.87 4.03 -0.01	53.06 4.24 -0.01	58.68 4.75 -0.01	60.39 4.83 0.00	74.13 5.23 0.00	87.14 6.53 0.00	90.05 6.74 0.00	92.18 5.87 0.00	75.06 3.23 0.00	59.12 2.76 0.00	54.76 2.85 0.00	50.33 2.89 0.00
RCPL_TRUST___DRP 24196	49.78 3.21 0.00	44.91 3.06 0.00	44.50 2.60 0.00	43.33 2.41 0.00	41.24 2.11 0.00	41.65 2.02 0.00	37.89 2.04 0.00	36.68 2.59 0.00	39.93 2.79 0.00	40.90 2.99 0.00	42.36 3.35 0.00	47.86 3.87 -0.01	50.77 3.93 0.00	53.10 4.30 0.00	58.67 4.75 0.00	60.39 4.83 0.00	74.27 5.37 0.00	87.07 6.45 0.00	90.38 7.08 0.00	92.69 6.39 0.00	75.41 3.59 0.00	59.29 2.93 0.00	54.77 2.86 0.00	50.28 2.85 0.00
RED___ROCHESTER 323720	42.47 -2.52 1.59	38.51 -2.55 0.79	39.26 -2.64 0.00	38.34 -2.58 0.00	36.78 -2.35 0.00	37.25 -2.38 0.00	33.77 -2.08 0.00	32.38 -1.70 0.00	34.75 -2.30 0.09	35.58 -2.31 0.00	36.27 -2.50 0.24	39.96 -2.60 1.43	42.41 -2.53 1.90	43.70 -2.88 2.23	48.97 -2.10 2.85	49.55 -2.61 3.40	59.04 -2.83 7.02	68.86 -2.66 9.10	71.56 -2.42 9.32	73.84 -2.68 9.78	64.11 -2.15 5.55	50.67 -2.14 3.55	46.89 -2.34 2.69	42.94 -2.37 2.13
REGAN___SOLAR 323812	49.41 2.84 0.00	44.37 2.51 0.00	44.29 2.39 0.00	43.21 2.29 0.00	41.20 2.07 0.00	41.68 2.06 0.00	37.25 1.40 0.00	34.84 0.75 0.00	37.18 0.04 0.00	37.60 -0.30 0.00	38.50 -0.51 0.00	43.59 -0.40 0.00	46.22 -0.61 0.00	48.23 -0.58 0.00	53.49 -0.43 0.00	55.45 -0.11 0.00	69.65 0.76 0.00	82.80 2.18 0.00	87.55 4.25 0.00	92.00 5.69 0.00	76.77 4.95 0.00	60.36 4.00 0.00	55.24 3.33 0.00	50.23 2.80 0.00
RENSSELAER___COGEN 23796	47.74 1.16 0.00	42.90 1.05 0.00	42.99 1.09 0.00	41.94 1.02 0.00	40.06 0.94 0.00	40.58 0.95 0.00	36.64 0.79 0.00	34.97 0.88 0.00	37.88 0.74 0.00	38.62 0.72 0.00	39.82 0.82 0.00	44.95 0.97 0.00	47.68 0.84 0.00	49.79 0.98 0.00	55.06 1.13 0.00	56.84 1.28 0.00	70.62 1.72 0.00	82.87 2.25 0.00	86.05 2.74 0.00	88.72 2.41 0.00	73.33 1.51 0.00	57.66 1.30 0.00	53.00 1.09 0.00	48.48 1.04 0.00
REPUBLIC_115KV_BARTNBRK 55605	51.60 5.03 0.00	46.38 4.52 0.00	46.05 4.15 0.00	44.80 3.89 0.00	42.61 3.48 0.00	43.11 3.49 0.00	38.75 2.90 0.00	36.75 2.66 0.00	39.22 2.08 0.00	39.80 1.90 0.00	40.41 1.40 0.00	46.10 2.11 0.00	48.33 1.50 0.00	50.47 1.66 0.00	56.08 2.16 0.00	58.39 2.83 0.00	74.54 5.65 0.00	88.36 7.74 0.00	93.80 10.50 0.00	97.87 11.56 0.00	81.09 9.26 0.00	63.74 7.38 0.00	57.99 6.07 0.00	52.41 4.98 0.00
REVERE_CPPR_DRP 24186	47.46 1.12 0.22	42.62 0.88 0.11	42.78 0.88 0.00	41.86 0.94 0.00	40.02 0.90 0.00	40.50 0.87 0.00	36.46 0.61 0.00	34.53 0.44 0.00	37.29 0.15 0.00	38.05 0.15 0.00	39.13 0.16 0.03	44.01 0.22 0.20	46.80 0.23 0.27	48.66 0.15 0.30	53.79 0.27 0.40	55.36 0.28 0.48	68.85 0.69 0.73	81.07 1.45 0.99	84.66 2.42 1.06	88.28 3.11 1.13	73.69 2.66 0.78	57.89 2.03 0.50	53.04 1.51 0.38	48.38 1.23 0.29
REYNLDDPA_13_KV_LD 356490	46.39 -0.19 0.00	41.69 -0.17 0.00	41.69 -0.21 0.00	40.83 -0.08 0.00	39.12 0.00 0.00	39.59 -0.04 0.00	35.85 0.00 0.00	33.89 -0.20 0.00	37.14 0.00 0.00	37.83 -0.08 0.00	38.93 -0.08 0.00	43.77 -0.22 0.00	46.69 -0.14 0.00	48.57 -0.24 0.00	52.90 -1.03 0.00	54.39 -1.17 0.00	67.38 -1.52 0.00	78.61 -2.01 0.00	80.97 -2.33 0.00	84.32 -1.98 0.00	70.75 -1.08 0.00	55.35 -1.01 0.00	51.39 -0.52 0.00	47.29 -0.14 0.00
REYNOLDS_115KV_TB3 80639	48.15 1.58 0.00	43.32 1.46 0.00	43.28 1.38 0.00	42.27 1.35 0.00	40.30 1.17 0.00	40.81 1.19 0.00	36.89 1.04 0.00	35.21 1.12 0.00	38.18 1.04 0.00	38.96 1.06 0.00	40.14 1.13 0.00	45.31 1.32 0.00	48.10 1.26 0.00	50.22 1.42 0.00	55.59 1.67 0.00	57.39 1.83 0.00	71.24 2.34 0.00	83.44 2.82 0.00	86.80 3.50 0.00	89.41 3.11 0.00	73.90 2.08 0.00	58.16 1.80 0.00	53.47 1.56 0.00	48.90 1.47 0.00

RIVERBAY____ 323610	50.77 4.19 -0.01	45.80 3.93 -0.01	45.38 3.48 0.00	44.19 3.27 0.00	42.02 2.90 0.00	42.20 2.58 0.00	38.36 2.51 0.00	37.16 3.07 0.00	40.41 3.27 0.00	41.39 3.49 0.00	42.94 3.94 0.00	48.53 4.53 -0.01	51.62 4.78 -0.01	53.89 5.08 -0.01	59.65 5.72 -0.01	61.56 6.00 0.00	75.58 6.68 0.00	88.52 7.90 0.00	91.55 8.25 0.00	93.81 7.51 0.00	76.20 4.38 0.00	60.19 3.83 0.00	55.81 3.89 0.00	51.32 3.89 0.00
RIVERSIDE_115KV_TB3 55908	47.97 1.40 0.00	43.19 1.34 0.00	43.16 1.26 0.00	42.10 1.19 0.00	40.18 1.06 0.00	40.70 1.07 0.00	36.78 0.93 0.00	35.11 1.02 0.00	38.03 0.89 0.00	38.81 0.91 0.00	39.98 0.98 0.00	45.13 1.14 0.00	47.91 1.08 0.00	50.03 1.22 0.00	55.38 1.46 0.00	57.17 1.61 0.00	70.96 2.07 0.00	83.12 2.50 0.00	86.55 3.25 0.00	89.15 2.85 0.00	73.69 1.87 0.00	57.99 1.63 0.00	53.31 1.40 0.00	48.71 1.28 0.00
ROARING____BROOK_WT_PWR 323790	45.68 -0.89 0.00	41.10 -0.75 0.00	41.15 -0.75 0.00	40.22 -0.70 0.00	38.50 -0.63 0.00	39.03 -0.59 0.00	35.35 -0.50 0.00	33.68 -0.41 0.00	36.81 -0.33 0.00	37.56 -0.34 0.00	38.58 -0.43 0.00	43.41 -0.57 0.00	46.13 -0.70 0.00	47.98 -0.83 0.00	52.84 -1.08 0.00	54.45 -1.11 0.00	67.52 -1.38 0.00	79.17 -1.45 0.00	81.97 -1.34 0.00	85.10 -1.21 0.00	70.82 -1.01 0.00	55.40 -0.96 0.00	51.03 -0.88 0.00	46.58 -0.85 0.00
ROCHESRG_115KV_T4 355643	41.94 -2.98 1.65	38.02 -3.01 0.82	38.96 -2.93 0.01	38.05 -2.86 0.01	36.46 -2.66 0.00	36.97 -2.65 0.00	33.52 -2.33 0.00	32.14 -1.94 0.00	34.29 -2.75 0.10	35.13 -2.77 0.01	36.03 -2.73 0.25	39.38 -3.12 1.49	41.92 -2.95 1.97	43.02 -3.47 2.33	47.73 -3.24 2.96	48.65 -3.39 3.52	57.50 -3.86 7.54	66.93 -3.95 9.74	69.63 -3.75 9.92	71.93 -3.97 10.41	62.76 -3.30 5.76	49.58 -3.10 3.68	46.01 -3.11 2.79	42.22 -2.99 2.22
ROCHESTER_9_IC 23652	42.28 -2.70 1.59	38.26 -2.80 0.79	39.17 -2.72 0.00	38.29 -2.62 0.00	36.66 -2.46 0.00	37.17 -2.46 0.00	33.70 -2.15 0.00	32.32 -1.77 0.00	34.53 -2.53 0.09	35.36 -2.54 0.00	36.27 -2.50 0.24	39.70 -2.86 1.43	42.32 -2.62 1.89	43.47 -3.12 2.22	48.27 -2.80 2.85	49.23 -2.94 3.39	58.60 -3.31 6.99	68.33 -3.22 9.06	71.10 -2.92 9.28	73.45 -3.11 9.74	63.69 -2.59 5.54	50.28 -2.54 3.54	46.58 -2.65 2.69	42.70 -2.61 2.12
ROCKVIEW_13_KV_LD 356306	49.69 3.12 0.00	44.83 2.97 0.00	44.41 2.51 0.00	43.29 2.37 0.00	41.24 2.11 0.00	41.65 2.02 0.00	37.82 1.97 0.00	36.51 2.42 0.00	39.74 2.60 0.00	40.71 2.80 0.00	42.16 3.16 0.00	47.59 3.61 0.00	50.58 3.75 0.00	52.91 4.10 0.00	58.45 4.53 0.00	60.23 4.67 0.00	74.27 5.37 0.00	87.07 6.45 0.00	90.38 7.08 0.00	92.78 6.47 0.00	75.56 3.73 0.00	59.35 2.99 0.00	54.72 2.80 0.00	50.23 2.80 0.00
ROME____115KV_TB2 80656	47.46 1.12 0.22	42.62 0.88 0.11	42.78 0.88 0.00	41.86 0.94 0.00	40.02 0.90 0.00	40.50 0.87 0.00	36.46 0.61 0.00	34.53 0.44 0.00	37.29 0.15 0.00	38.05 0.15 0.00	39.13 0.16 0.03	44.01 0.22 0.20	46.80 0.23 0.27	48.66 0.15 0.30	53.79 0.27 0.40	55.36 0.28 0.48	68.85 0.69 0.73	81.07 1.45 0.99	84.66 2.42 1.06	88.28 3.11 1.13	73.69 2.66 0.78	57.89 2.03 0.50	53.04 1.51 0.38	48.38 1.23 0.29
ROSETON____1 23587	48.81 2.24 0.00	44.03 2.18 0.00	43.91 2.01 0.00	42.76 1.84 0.00	40.77 1.64 0.00	41.25 1.63 0.00	37.39 1.54 0.00	36.00 1.91 0.00	39.11 1.97 0.00	39.95 2.05 0.00	41.34 2.34 0.00	46.63 2.64 0.00	49.60 2.76 0.00	51.79 2.98 0.00	57.10 3.18 0.00	58.84 3.28 0.00	72.61 3.72 0.00	85.37 4.76 0.00	88.38 5.08 0.00	90.79 4.48 0.00	74.26 2.44 0.00	58.33 1.97 0.00	53.83 1.92 0.00	49.43 1.99 0.00
ROSETON____2 23588	48.81 2.24 0.00	44.03 2.18 0.00	43.91 2.01 0.00	42.76 1.84 0.00	40.77 1.64 0.00	41.25 1.63 0.00	37.39 1.54 0.00	36.00 1.91 0.00	39.11 1.97 0.00	39.95 2.05 0.00	41.34 2.34 0.00	46.63 2.64 0.00	49.60 2.76 0.00	51.79 2.98 0.00	57.10 3.18 0.00	58.84 3.28 0.00	72.61 3.72 0.00	85.37 4.76 0.00	88.38 5.08 0.00	90.79 4.48 0.00	74.26 2.44 0.00	58.33 1.97 0.00	53.83 1.92 0.00	49.43 1.99 0.00
ROTTDRAM_115KV_TB3 80664	48.01 1.44 0.00	43.15 1.30 0.00	43.11 1.22 0.00	42.10 1.19 0.00	40.18 1.06 0.00	40.74 1.11 0.00	36.75 0.90 0.00	34.98 0.89 0.00	37.88 0.74 0.00	38.62 0.72 0.00	39.75 0.74 0.00	44.87 0.88 0.00	47.68 0.84 0.00	49.79 0.98 0.00	55.06 1.13 0.00	56.84 1.28 0.00	70.68 1.79 0.00	82.96 2.34 0.00	86.30 3.00 0.00	89.24 2.93 0.00	73.90 2.08 0.00	58.16 1.80 0.00	53.42 1.51 0.00	48.81 1.38 0.00
RUSSELL____1 23602	42.47 -2.51 1.59	38.42 -2.64 0.79	39.30 -2.60 0.00	38.42 -2.50 0.00	36.82 -2.31 0.00	37.33 -2.30 0.00	33.84 -2.01 0.00	32.45 -1.64 0.00	34.67 -2.38 0.09	35.51 -2.39 0.00	36.46 -2.30 0.24	39.91 -2.64 1.43	42.55 -2.39 1.90	43.70 -2.88 2.23	48.54 -2.53 2.85	49.55 -2.61 3.40	59.05 -2.82 7.02	68.85 -2.66 9.10	71.56 -2.42 9.32	73.93 -2.59 9.78	64.18 -2.08 5.55	50.67 -2.14 3.55	46.88 -2.34 2.69	42.93 -2.37 2.13
RUSSELL____2 23532	42.47 -2.51 1.59	38.42 -2.64 0.79	39.30 -2.60 0.00	38.42 -2.50 0.00	36.82 -2.31 0.00	37.33 -2.30 0.00	33.84 -2.01 0.00	32.45 -1.64 0.00	34.67 -2.38 0.09	35.51 -2.39 0.00	36.46 -2.30 0.24	39.91 -2.64 1.43	42.55 -2.39 1.90	43.70 -2.88 2.23	48.54 -2.53 2.85	49.55 -2.61 3.40	59.05 -2.82 7.02	68.85 -2.66 9.10	71.56 -2.42 9.32	73.93 -2.59 9.78	64.18 -2.08 5.55	50.67 -2.14 3.55	46.88 -2.34 2.69	42.93 -2.37 2.13
RUSSELL____3 23549	42.47 -2.51 1.59	38.42 -2.64 0.79	39.30 -2.60 0.00	38.42 -2.50 0.00	36.82 -2.31 0.00	37.33 -2.30 0.00	33.84 -2.01 0.00	32.45 -1.64 0.00	34.67 -2.38 0.09	35.51 -2.39 0.00	36.46 -2.30 0.24	39.91 -2.64 1.43	42.55 -2.39 1.90	43.70 -2.88 2.23	48.54 -2.53 2.85	49.55 -2.61 3.40	59.05 -2.82 7.02	68.85 -2.66 9.10	71.56 -2.42 9.32	73.93 -2.59 9.78	64.18 -2.08 5.55	50.67 -2.14 3.55	46.88 -2.34 2.69	42.93 -2.37 2.13
RUSSELL____4 23556	42.47 -2.51 1.59	38.42 -2.64 0.79	39.30 -2.60 0.00	38.42 -2.50 0.00	36.82 -2.31 0.00	37.33 -2.30 0.00	33.84 -2.01 0.00	32.45 -1.64 0.00	34.67 -2.38 0.09	35.51 -2.39 0.00	36.46 -2.30 0.24	39.91 -2.64 1.43	42.55 -2.39 1.90	43.70 -2.88 2.23	48.54 -2.53 2.85	49.55 -2.61 3.40	59.05 -2.82 7.02	68.85 -2.66 9.10	71.56 -2.42 9.32	73.93 -2.59 9.78	64.18 -2.08 5.55	50.67 -2.14 3.55	46.88 -2.34 2.69	42.93 -2.37 2.13
RUSSELL____STATION 23914	42.47 -2.51 1.59	38.42 -2.64 0.79	39.30 -2.60 0.00	38.42 -2.50 0.00	36.82 -2.31 0.00	37.33 -2.30 0.00	33.84 -2.01 0.00	32.45 -1.64 0.00	34.67 -2.38 0.09	35.51 -2.39 0.00	36.46 -2.30 0.24	39.91 -2.64 1.43	42.55 -2.39 1.90	43.70 -2.88 2.23	48.54 -2.53 2.85	49.55 -2.61 3.40	59.05 -2.82 7.02	68.85 -2.66 9.10	71.56 -2.42 9.32	73.93 -2.59 9.78	64.18 -2.08 5.55	50.67 -2.14 3.55	46.88 -2.34 2.69	42.93 -2.37 2.13

S SALMON___HYD 24043	46.59 -0.32 -0.34	41.61 -0.42 -0.17	41.52 -0.38 0.00	40.63 -0.28 0.00	38.85 -0.27 0.00	39.31 -0.32 0.00	35.46 -0.39 0.00	33.65 -0.44 0.00	36.36 -0.78 0.00	37.10 -0.80 0.00	38.12 -0.94 -0.05	43.33 -0.97 -0.31	46.21 -1.03 -0.41	48.09 -1.17 -0.45	53.40 -1.13 -0.61	55.12 -1.17 -0.73	68.90 -1.10 -1.11	81.48 -0.65 -1.51	85.00 0.08 -1.61	88.54 0.52 -1.71	73.52 0.51 -1.19	57.40 0.28 -0.76	52.44 -0.05 -0.58	47.68 -0.19 -0.43
S.PERRY___115KV_TB1 80734	47.07 -1.44 -1.94	41.12 -1.76 -1.02	40.26 -1.72 -0.08	39.40 -1.60 -0.08	37.60 -1.53 0.00	38.24 -1.43 -0.04	34.59 -1.25 0.00	33.00 -1.12 -0.04	36.87 -1.89 -1.62	35.82 -2.16 -0.08	37.03 -2.34 -0.36	43.30 -2.60 -1.90	46.74 -2.44 -2.34	50.95 -2.78 -4.93	54.83 -2.59 -3.49	57.41 -2.39 -4.24	106.02 -2.34 -39.47	124.35 -1.45 -45.18	124.63 -0.25 -41.58	128.84 0.69 -41.85	79.49 0.65 -7.02	61.27 0.17 -4.74	54.77 -0.47 -3.33	51.03 -0.81 -4.41
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.60 -4.80 2.17	36.15 -4.60 1.10	37.31 -4.57 0.03	36.47 -4.42 0.03	34.90 -4.23 0.00	35.41 -4.20 0.01	32.19 -3.66 0.00	30.98 -3.10 0.01	32.96 -3.68 0.50	34.12 -3.75 0.03	34.84 -3.82 0.34	37.64 -4.35 2.00	39.88 -4.36 2.60	40.54 -4.73 3.53	45.28 -4.75 3.90	46.24 -4.67 4.65	46.93 -5.44 16.52	56.91 -5.72 17.98	58.97 -5.50 18.83	62.13 -5.95 18.22	58.62 -5.60 7.60	46.78 -4.68 4.90	43.66 -4.57 3.68	39.85 -4.27 3.31
SAWYER___23_KV_LOAD 55526	39.60 -4.80 2.17	36.15 -4.60 1.10	37.31 -4.57 0.03	36.47 -4.42 0.03	34.90 -4.23 0.00	35.41 -4.20 0.01	32.19 -3.66 0.00	30.98 -3.10 0.01	32.96 -3.68 0.50	34.12 -3.75 0.03	34.84 -3.82 0.34	37.64 -4.35 2.00	39.88 -4.36 2.60	40.54 -4.73 3.53	45.28 -4.75 3.90	46.24 -4.67 4.65	46.93 -5.44 16.52	56.91 -5.72 17.98	58.97 -5.50 18.83	62.13 -5.95 18.22	58.62 -5.60 7.60	46.78 -4.68 4.90	43.66 -4.57 3.68	39.85 -4.27 3.31
SELKIRK___I 23801	48.16 1.58 0.00	43.28 1.42 0.00	43.32 1.43 0.00	42.31 1.39 0.00	40.38 1.25 0.00	40.89 1.27 0.00	36.89 1.04 0.00	35.08 0.99 0.00	37.88 0.74 0.00	38.58 0.68 0.00	39.74 0.74 0.00	44.87 0.88 0.00	47.68 0.84 0.00	49.73 0.93 0.00	55.06 1.13 0.00	56.84 1.28 0.00	70.62 1.72 0.00	83.03 2.42 0.00	86.39 3.08 0.00	89.41 3.10 0.00	73.91 2.08 0.00	58.16 1.80 0.00	53.47 1.56 0.00	48.91 1.47 0.00
SELKIRK___II 23799	47.74 1.16 0.00	42.90 1.05 0.00	42.99 1.09 0.00	41.94 1.02 0.00	40.06 0.94 0.00	40.58 0.95 0.00	36.64 0.79 0.00	34.97 0.88 0.00	37.92 0.78 0.00	38.66 0.76 0.00	39.86 0.86 0.00	44.95 0.97 0.00	47.77 0.94 0.00	49.84 1.03 0.00	55.11 1.18 0.00	56.89 1.33 0.00	70.54 1.65 0.00	82.80 2.18 0.00	85.89 2.59 0.00	88.63 2.33 0.00	73.26 1.44 0.00	57.60 1.24 0.00	53.00 1.09 0.00	48.48 1.04 0.00
SENECA OSWGO___HYD 24041	46.37 -1.16 -0.96	41.21 -1.13 -0.48	40.85 -1.05 0.00	39.90 -1.02 0.00	38.15 -0.98 0.00	38.64 -0.99 0.00	34.95 -0.89 0.00	33.31 -0.78 0.00	36.14 -1.00 0.00	36.88 -1.02 0.00	37.94 -1.21 -0.14	43.57 -1.28 -0.86	46.62 -1.36 -1.15	48.66 -1.42 -1.27	54.25 -1.40 -1.73	56.23 -1.39 -2.05	70.45 -1.58 -3.13	83.34 -1.53 -4.25	86.42 -1.42 -4.54	89.65 -1.47 -4.82	73.80 -1.37 -3.35	57.36 -1.13 -2.13	52.35 -1.19 -1.63	47.52 -1.14 -1.22
SENECA___115KV_TB3 355854	40.05 -4.33 2.20	36.60 -4.14 1.11	37.68 -4.19 0.03	36.84 -4.05 0.03	35.29 -3.83 0.00	35.69 -3.92 0.01	32.41 -3.44 0.00	31.18 -2.90 0.01	33.63 -2.97 0.54	34.88 -2.99 0.03	35.42 -3.24 0.35	38.45 -3.52 2.02	40.41 -3.79 2.63	41.36 -3.81 3.64	46.10 -3.88 3.94	47.18 -3.67 4.71	47.10 -4.13 17.66	57.68 -3.95 18.99	59.69 -3.66 19.95	63.02 -4.14 19.14	59.59 -4.52 7.71	47.89 -3.49 4.98	44.60 -3.58 3.73	40.57 -3.46 3.41
SENECA___ENERGY 23797	46.73 -0.28 -0.44	41.58 -0.50 -0.23	41.45 -0.46 -0.01	40.48 -0.45 -0.01	38.73 -0.39 0.00	39.23 -0.40 -0.01	35.46 -0.39 0.00	33.82 -0.27 -0.01	36.94 -0.44 -0.24	37.38 -0.53 -0.01	38.42 -0.66 -0.08	43.79 -0.62 -0.42	46.75 -0.61 -0.53	49.16 -0.58 -0.93	54.28 -0.43 -0.79	56.29 -0.22 -0.96	75.42 0.14 -6.39	89.02 0.97 -7.43	91.81 1.58 -6.93	95.05 1.73 -7.02	74.47 1.08 -1.57	58.13 0.73 -1.04	52.98 0.31 -0.75	48.38 0.10 -0.85
SHOEMAKER___GT 23640	48.53 1.96 0.00	43.69 1.84 0.00	43.62 1.72 0.00	42.47 1.55 0.00	40.53 1.41 0.00	41.01 1.39 0.00	37.18 1.33 0.00	35.69 1.60 0.00	38.77 1.63 0.00	39.57 1.67 0.00	40.91 1.91 0.00	46.14 2.15 0.00	49.13 2.29 0.00	51.30 2.49 0.00	56.67 2.75 0.00	58.39 2.83 0.00	72.20 3.31 0.00	84.97 4.35 0.00	88.13 4.83 0.00	90.62 4.31 0.00	74.26 2.44 0.00	58.28 1.92 0.00	53.73 1.82 0.00	49.24 1.80 0.00
SHOEMAKR_138KV_BK 111 55601	48.53 1.96 0.00	43.70 1.84 0.00	43.49 1.59 0.00	42.39 1.47 0.00	40.41 1.29 0.00	40.89 1.27 0.00	37.07 1.22 0.00	35.62 1.53 0.00	38.70 1.56 0.00	39.61 1.71 0.00	40.92 1.91 0.00	46.23 2.24 0.00	49.18 2.34 0.00	51.35 2.54 0.00	56.73 2.80 0.00	58.45 2.89 0.00	72.27 3.38 0.00	84.73 4.11 0.00	88.05 4.75 0.00	90.62 4.32 0.00	74.19 2.37 0.00	58.28 1.92 0.00	53.73 1.82 0.00	49.24 1.80 0.00
SHOREHAM_IC_1 23715	55.28 4.70 -4.01	46.22 4.35 -0.02	45.42 3.52 0.00	43.86 2.95 0.00	41.86 2.74 0.00	42.16 2.54 0.00	38.25 2.40 0.00	37.22 3.13 0.00	41.16 3.98 -0.04	52.59 4.09 -10.60	53.19 4.13 -10.05	54.75 4.75 -6.01	63.56 4.92 -11.81	65.75 5.17 -11.77	120.45 5.83 -60.70	99.35 6.06 -37.73	121.11 7.30 -44.92	104.34 9.11 -14.62	93.09 9.41 -0.38	94.24 7.93 0.00	75.40 3.59 0.01	59.34 2.98 0.01	54.65 2.75 0.01	51.18 3.75 0.00
SHOREHAM_IC_2 23716	55.28 4.70 -4.01	46.22 4.35 -0.02	45.42 3.52 0.00	43.86 2.95 0.00	41.86 2.74 0.00	42.16 2.54 0.00	38.25 2.40 0.00	37.22 3.13 0.00	41.16 3.98 -0.04	52.59 4.09 -10.60	53.19 4.13 -10.05	54.75 4.75 -6.01	63.56 4.92 -11.81	65.75 5.17 -11.77	120.45 5.83 -60.70	99.35 6.06 -37.73	121.11 7.30 -44.92	104.34 9.11 -14.62	93.09 9.41 -0.38	94.24 7.93 0.00	75.40 3.59 0.01	59.34 2.98 0.01	54.65 2.75 0.01	51.18 3.75 0.00
SISSONVILLE____ 23735	45.97 -0.61 0.00	41.31 -0.54 0.00	41.27 -0.63 0.00	40.34 -0.57 0.00	38.81 -0.31 0.00	39.07 -0.55 0.00	35.35 -0.50 0.00	33.27 -0.82 0.00	36.43 -0.71 0.00	37.07 -0.83 0.00	38.19 -0.82 0.00	42.89 -1.10 0.00	45.76 -1.08 0.00	47.54 -1.27 0.00	52.25 -1.67 0.00	53.62 -1.94 0.00	66.48 -2.41 0.00	78.04 -2.58 0.00	80.47 -2.83 0.00	84.15 -2.16 0.00	70.82 -1.01 0.00	55.34 -1.01 0.00	51.19 -0.73 0.00	46.77 -0.66 0.00
SITHE_IND_GS1 24169	35.60 -1.77 9.20	35.64 -1.63 4.58	40.39 -1.51 0.00	39.45 -1.47 0.00	37.75 -1.37 0.00	38.24 -1.39 0.00	34.59 -1.26 0.00	33.00 -1.09 0.00	35.80 -1.34 0.00	36.50 -1.40 0.00	36.04 -1.60 1.36	33.98 -1.76 8.25	33.98 -1.87 10.98	34.73 -1.95 12.13	35.41 -1.99 16.52	33.80 -2.11 19.65	36.41 -2.48 30.01	37.25 -2.66 40.71	37.25 -2.58 43.47	37.43 -2.77 46.11	37.30 -2.44 32.08	33.98 -1.97 20.40	34.47 -1.87 15.57	33.98 -1.75 11.70

SITHE_IND_GS2 24170	35.60 -1.77 9.20	35.64 -1.63 4.58	40.39 -1.51 0.00	39.45 -1.47 0.00	37.75 -1.37 0.00	38.24 -1.39 0.00	34.59 -1.26 0.00	33.00 -1.09 0.00	35.80 -1.34 0.00	36.50 -1.40 0.00	36.04 -1.60 1.36	33.98 -1.76 8.25	33.98 -1.87 10.98	34.73 -1.95 12.13	35.41 -1.99 16.52	33.80 -2.11 19.65	36.41 -2.48 30.01	37.25 -2.66 40.71	37.25 -2.58 43.47	37.43 -2.77 46.11	37.30 -2.44 32.08	33.98 -1.97 20.40	34.47 -1.87 15.57	33.98 -1.75 11.70
SITHE_IND_GS3 24171	35.60 -1.77 9.20	35.64 -1.63 4.58	40.39 -1.51 0.00	39.45 -1.47 0.00	37.75 -1.37 0.00	38.24 -1.39 0.00	34.59 -1.26 0.00	33.00 -1.09 0.00	35.80 -1.34 0.00	36.50 -1.40 0.00	36.04 -1.60 1.36	33.98 -1.76 8.25	33.98 -1.87 10.98	34.73 -1.95 12.13	35.41 -1.99 16.52	33.80 -2.11 19.65	36.41 -2.48 30.01	37.25 -2.66 40.71	37.25 -2.58 43.47	37.43 -2.77 46.11	37.30 -2.44 32.08	33.98 -1.97 20.40	34.47 -1.87 15.57	33.98 -1.75 11.70
SITHE_IND_GS4 24172	35.60 -1.77 9.20	35.64 -1.63 4.58	40.39 -1.51 0.00	39.45 -1.47 0.00	37.75 -1.37 0.00	38.24 -1.39 0.00	34.59 -1.26 0.00	33.00 -1.09 0.00	35.80 -1.34 0.00	36.50 -1.40 0.00	36.04 -1.60 1.36	33.98 -1.76 8.25	33.98 -1.87 10.98	34.73 -1.95 12.13	35.41 -1.99 16.52	33.80 -2.11 19.65	36.41 -2.48 30.01	37.25 -2.66 40.71	37.25 -2.58 43.47	37.43 -2.77 46.11	37.30 -2.44 32.08	33.98 -1.97 20.40	34.47 -1.87 15.57	33.98 -1.75 11.70
SITHE___BATAVIA 24024	40.97 -3.73 1.87	37.19 -3.73 0.94	38.28 -3.60 0.01	37.42 -3.48 0.01	35.72 -3.40 0.00	36.13 -3.49 0.01	32.80 -3.05 0.00	31.63 -2.45 0.01	33.73 -3.12 0.29	34.59 -3.30 0.01	35.09 -3.63 0.29	38.41 -3.87 1.71	40.62 -3.98 2.24	42.07 -3.86 2.88	47.33 -3.23 3.36	47.72 -3.83 4.01	52.91 -4.06 11.92	62.11 -3.87 14.64	65.38 -3.42 14.50	67.72 -3.62 14.96	61.88 -3.37 6.56	49.03 -3.10 4.23	45.52 -3.22 3.17	41.67 -3.04 2.72
SITHE___INDEPEND 23800	35.60 -1.77 9.20	35.64 -1.63 4.58	40.52 -1.38 0.00	39.57 -1.35 0.00	37.83 -1.29 0.00	38.32 -1.31 0.00	34.67 -1.18 0.00	33.07 -1.02 0.00	35.84 -1.30 0.00	36.50 -1.40 0.00	36.04 -1.60 1.36	33.98 -1.76 8.25	34.03 -1.83 10.98	34.73 -1.95 12.13	35.35 -2.05 16.52	33.80 -2.11 19.65	36.41 -2.48 30.01	37.17 -2.74 40.71	37.17 -2.67 43.47	37.43 -2.76 46.11	37.37 -2.37 32.08	33.98 -1.97 20.40	34.47 -1.87 15.57	33.98 -1.76 11.70
SITHE___MASSENA 23902	46.39 -0.19 0.00	41.69 -0.17 0.00	41.69 -0.21 0.00	40.83 -0.08 0.00	39.16 0.04 0.00	39.59 -0.04 0.00	35.81 -0.04 0.00	33.82 -0.27 0.00	37.07 -0.07 0.00	37.71 -0.19 0.00	38.85 -0.16 0.00	43.68 -0.31 0.00	46.60 -0.23 0.00	48.47 -0.34 0.00	53.17 -0.75 0.00	54.73 -0.83 0.00	67.79 -1.10 0.00	79.17 -1.45 0.00	81.55 -1.75 0.00	85.01 -1.29 0.00	71.39 -0.43 0.00	55.85 -0.51 0.00	51.71 -0.21 0.00	47.29 -0.14 0.00
SITHE___OGDNSBRG 24021	46.85 0.28 0.00	42.06 0.21 0.00	42.02 0.13 0.00	41.08 0.16 0.00	39.52 0.39 0.00	39.86 0.24 0.00	36.03 0.18 0.00	33.78 -0.31 0.00	36.95 -0.19 0.00	37.52 -0.38 0.00	38.65 -0.35 0.00	43.41 -0.57 0.00	46.32 -0.52 0.00	48.13 -0.68 0.00	52.90 -1.02 0.00	54.28 -1.28 0.00	67.45 -1.45 0.00	79.17 -1.45 0.00	81.80 -1.50 0.00	85.87 -0.43 0.00	72.32 0.50 0.00	56.58 0.23 0.00	52.22 0.31 0.00	47.72 0.28 0.00
SITHE___STERLING 23777	47.03 0.74 0.28	42.30 0.59 0.14	42.53 0.63 0.00	41.53 0.61 0.00	39.75 0.62 0.00	40.18 0.55 0.00	36.24 0.40 0.00	34.40 0.31 0.00	37.21 0.07 0.00	37.94 0.04 0.00	39.00 0.04 0.04	43.82 0.09 0.25	46.64 0.14 0.33	48.54 0.10 0.37	53.58 0.16 0.50	55.19 0.22 0.60	68.53 0.55 0.91	80.67 1.29 1.23	83.90 1.92 1.32	87.32 2.41 1.40	72.79 1.94 0.97	57.20 1.46 0.62	52.53 1.09 0.47	47.98 0.90 0.35
SLEIGHT__34_KV_TB1 80719	43.24 -2.10 1.23	39.06 -2.18 0.62	39.80 -2.09 0.00	38.91 -2.00 0.00	37.25 -1.88 0.00	37.76 -1.86 0.00	34.16 -1.68 0.00	32.69 -1.40 0.00	35.08 -2.01 0.06	35.85 -2.05 0.00	36.75 -2.07 0.19	40.54 -2.33 1.11	43.16 -2.20 1.47	44.56 -2.54 1.71	49.34 -2.37 2.21	50.54 -2.39 2.64	60.98 -2.69 5.23	71.28 -2.50 6.84	74.11 -2.17 7.02	76.67 -2.24 7.39	65.57 -1.94 4.31	51.75 -1.86 2.75	47.80 -2.02 2.09	43.80 -1.99 1.64
SOUTH CAIRO___GT 23612	49.41 2.84 0.00	44.28 2.43 0.00	44.20 2.30 0.00	43.13 2.21 0.00	41.12 2.00 0.00	41.65 2.02 0.00	37.61 1.76 0.00	35.69 1.60 0.00	38.44 1.30 0.00	39.00 1.10 0.00	40.02 1.01 0.00	45.26 1.28 0.00	48.10 1.26 0.00	50.37 1.56 0.00	55.92 2.00 0.00	57.95 2.39 0.00	72.34 3.44 0.00	85.70 5.08 0.00	89.97 6.66 0.00	93.21 6.90 0.00	76.92 5.10 0.00	60.30 3.95 0.00	55.29 3.37 0.00	50.33 2.89 0.00
SOUTH HAMPTN___IC 23720	55.57 4.99 -4.01	46.43 4.56 -0.02	45.59 3.69 0.00	44.02 3.11 0.00	41.98 2.85 0.00	42.28 2.66 0.00	38.36 2.51 0.00	37.40 3.31 0.00	41.49 4.31 -0.04	53.12 4.62 -10.60	53.89 4.84 -10.05	55.67 5.68 -6.01	64.66 5.95 -11.87	66.78 6.15 -11.82	121.29 6.90 -60.46	100.51 7.22 -37.73	122.41 8.68 -44.84	105.79 10.56 -14.62	94.51 10.82 -0.38	95.54 9.24 0.00	76.34 4.53 0.01	60.01 3.66 0.01	55.18 3.27 0.01	51.70 4.27 0.00
SOUTHDOW__115KV_TB1 355954	41.05 -3.49 2.03	37.35 -3.47 1.03	38.40 -3.48 0.02	37.58 -3.31 0.02	35.84 -3.29 0.00	36.44 -3.17 0.01	33.16 -2.69 0.00	31.76 -2.32 0.01	34.62 -2.04 0.48	36.10 -1.78 0.02	36.65 -2.03 0.32	40.05 -2.07 1.87	42.06 -2.34 2.43	43.31 -2.15 3.35	47.90 -2.37 3.65	49.59 -1.61 4.36	51.39 -1.45 16.06	62.71 -0.56 17.34	65.09 0.00 18.21	68.53 -0.26 17.51	62.82 -1.87 7.13	50.34 -1.41 4.61	46.23 -2.23 3.45	41.73 -2.56 3.14
SOUTHOLD_69_KV_BK 2 55809	55.75 5.17 -4.01	46.47 4.60 -0.02	45.42 3.52 0.00	43.94 3.03 0.00	41.67 2.54 0.00	41.77 2.14 0.00	38.11 2.26 0.00	37.33 3.24 0.00	41.64 4.46 -0.04	53.58 5.08 -10.60	54.55 5.50 -10.05	56.59 6.60 -6.01	65.69 6.98 -11.87	67.80 7.17 -11.82	122.31 7.93 -60.46	101.63 8.33 -37.73	123.86 10.13 -44.84	107.01 11.77 -14.62	95.85 12.16 -0.38	96.83 10.53 0.00	77.13 5.31 0.01	60.52 4.17 0.01	55.80 3.89 0.01	52.13 4.70 0.00
SOUTHOLD___IC 23719	55.70 5.12 -4.01	46.47 4.60 -0.02	45.63 3.73 0.00	44.07 3.15 0.00	42.02 2.90 0.00	42.24 2.61 0.00	38.36 2.51 0.00	37.47 3.38 0.00	41.75 4.57 -0.04	53.58 5.08 -10.60	54.55 5.50 -10.05	56.55 6.56 -6.01	65.69 6.98 -11.87	67.75 7.13 -11.82	122.32 7.93 -60.46	101.57 8.28 -37.73	123.79 10.06 -44.84	107.25 12.01 -14.62	95.76 12.07 -0.38	96.66 10.35 0.00	77.13 5.31 0.01	60.52 4.17 0.01	55.64 3.74 0.01	52.13 4.70 0.00
SOUTH_FORK_WT_PWR 323839	55.28 4.70 -4.01	46.06 4.19 -0.02	45.21 3.31 0.00	43.66 2.74 0.00	41.67 2.54 0.00	41.84 2.22 0.00	38.00 2.15 0.00	37.19 3.10 0.00	41.49 4.31 -0.04	53.46 4.96 -10.60	54.55 5.50 -10.05	56.59 6.60 -6.01	65.73 7.02 -11.87	67.70 7.07 -11.82	122.15 7.77 -60.46	101.40 8.11 -37.73	123.51 9.78 -44.84	106.76 11.53 -14.62	95.26 11.57 -0.38	96.05 9.75 0.00	76.55 4.74 0.01	60.07 3.72 0.01	55.33 3.43 0.01	51.89 4.46 0.00

SPIERFLS_115KV_TB 1 80737	48.95 2.38 0.00	44.03 2.18 0.00	43.87 1.97 0.00	42.76 1.84 0.00	40.73 1.60 0.00	41.21 1.59 0.00	37.18 1.33 0.00	35.35 1.26 0.00	37.99 0.85 0.00	38.66 0.76 0.00	39.28 0.27 0.00	44.60 0.62 0.00	46.98 0.14 0.00	48.96 0.15 0.00	54.30 0.38 0.00	56.34 0.78 0.00	71.44 2.55 0.00	84.16 3.55 0.00	88.72 5.41 0.00	92.00 5.70 0.00	76.13 4.31 0.00	59.91 3.55 0.00	54.77 2.86 0.00	49.71 2.28 0.00
ST LAWRENCE____ 23600	46.11 -0.47 0.00	41.44 -0.42 0.00	41.44 -0.46 0.00	40.55 -0.37 0.00	38.85 -0.27 0.00	39.31 -0.32 0.00	35.60 -0.25 0.00	33.68 -0.41 0.00	36.88 -0.26 0.00	37.60 -0.30 0.00	38.73 -0.27 0.00	43.59 -0.40 0.00	46.46 -0.38 0.00	48.37 -0.44 0.00	53.17 -0.75 0.00	54.67 -0.89 0.00	67.72 -1.17 0.00	78.92 -1.70 0.00	81.30 -2.00 0.00	84.58 -1.73 0.00	70.89 -0.94 0.00	55.57 -0.79 0.00	51.39 -0.52 0.00	47.01 -0.43 0.00
STATE_CA_115KV_115_LB 55624	48.01 1.44 0.00	43.19 1.34 0.00	43.16 1.26 0.00	42.14 1.23 0.00	40.18 1.06 0.00	40.70 1.07 0.00	36.78 0.93 0.00	35.08 0.99 0.00	37.99 0.85 0.00	38.77 0.87 0.00	39.90 0.90 0.00	45.13 1.14 0.00	47.86 1.03 0.00	49.93 1.12 0.00	55.27 1.35 0.00	57.12 1.56 0.00	70.96 2.07 0.00	83.20 2.58 0.00	86.63 3.33 0.00	89.32 3.02 0.00	73.76 1.94 0.00	58.05 1.69 0.00	53.31 1.40 0.00	48.76 1.33 0.00
STATE_ST_34_KV_LOAD 55959	46.31 -0.47 -0.20	41.33 -0.63 -0.11	41.40 -0.50 -0.01	40.47 -0.45 -0.01	38.69 -0.43 0.00	39.19 -0.44 0.00	35.42 -0.43 0.00	33.79 -0.31 0.00	36.66 -0.59 -0.11	37.22 -0.68 -0.01	38.26 -0.78 -0.04	43.39 -0.79 -0.19	46.33 -0.75 -0.24	48.46 -0.78 -0.43	53.53 -0.75 -0.37	55.45 -0.56 -0.44	71.49 -0.34 -2.94	84.18 0.16 -3.40	87.15 0.67 -3.19	90.30 0.78 -3.22	72.98 0.43 -0.73	57.07 0.23 -0.48	52.16 -0.10 -0.35	47.59 -0.24 -0.39
STATION 5_MISC_HYD 23604	42.28 -2.70 1.59	38.34 -2.72 0.79	39.09 -2.81 0.00	38.21 -2.70 0.00	36.66 -2.46 0.00	37.13 -2.50 0.00	33.63 -2.22 0.00	32.25 -1.84 0.00	34.60 -2.45 0.09	35.43 -2.46 0.00	36.11 -2.65 0.24	39.74 -2.82 1.43	42.13 -2.81 1.89	43.47 -3.12 2.22	48.65 -2.43 2.85	49.28 -2.89 3.39	58.60 -3.31 6.99	68.41 -3.15 9.06	71.10 -2.92 9.28	73.37 -3.19 9.74	63.62 -2.66 5.54	50.28 -2.54 3.54	46.58 -2.65 2.69	42.70 -2.61 2.12
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.97 -2.28 1.31	38.85 -2.34 0.66	39.63 -2.26 0.00	38.70 -2.21 0.00	37.09 -2.03 0.00	37.60 -2.02 0.00	34.06 -1.79 0.00	32.62 -1.47 0.00	34.95 -2.12 0.07	35.78 -2.12 0.00	36.70 -2.11 0.20	40.38 -2.42 1.19	43.02 -2.25 1.57	44.34 -2.64 1.84	49.14 -2.43 2.36	50.25 -2.50 2.81	60.40 -2.76 5.74	70.58 -2.58 7.46	73.33 -2.33 7.64	75.77 -2.50 8.03	65.07 -2.15 4.60	51.34 -2.09 2.94	47.45 -2.23 2.23	43.50 -2.18 1.76
STA_56_34_KV_BUS2_REV_LBMP_B 345033	42.14 -2.84 1.59	38.17 -2.89 0.79	39.09 -2.81 0.00	38.21 -2.70 0.00	36.58 -2.54 0.00	37.09 -2.54 0.00	33.63 -2.22 0.00	32.25 -1.84 0.00	34.45 -2.60 0.09	35.32 -2.58 0.00	36.19 -2.57 0.24	39.61 -2.95 1.43	42.22 -2.72 1.90	43.36 -3.22 2.23	48.10 -2.97 2.85	49.05 -3.11 3.40	58.36 -3.51 7.02	68.05 -3.47 9.10	70.82 -3.17 9.32	73.07 -3.45 9.78	63.39 -2.87 5.56	50.05 -2.76 3.55	46.37 -2.86 2.69	42.55 -2.75 2.13
STA_56____34_KV_BUS2 355983	42.14 -2.84 1.59	38.17 -2.89 0.79	39.09 -2.81 0.00	38.21 -2.70 0.00	36.58 -2.54 0.00	37.09 -2.54 0.00	33.63 -2.22 0.00	32.25 -1.84 0.00	34.45 -2.60 0.09	35.32 -2.58 0.00	36.19 -2.57 0.24	39.61 -2.95 1.43	42.22 -2.72 1.90	43.36 -3.22 2.23	48.10 -2.97 2.85	49.05 -3.11 3.40	58.36 -3.51 7.02	68.05 -3.47 9.10	70.82 -3.17 9.32	73.07 -3.45 9.78	63.39 -2.87 5.56	50.05 -2.76 3.55	46.37 -2.86 2.69	42.55 -2.75 2.13
STA_67____115KV_BK2 355882	42.19 -2.79 1.59	38.22 -2.85 0.79	39.09 -2.81 0.00	38.21 -2.70 0.00	36.62 -2.50 0.00	37.13 -2.50 0.00	33.66 -2.19 0.00	32.28 -1.81 0.00	34.45 -2.60 0.09	35.32 -2.58 0.00	36.23 -2.54 0.24	39.61 -2.95 1.43	42.22 -2.72 1.90	43.36 -3.22 2.22	48.11 -2.97 2.85	49.11 -3.06 3.40	58.44 -3.44 7.01	68.15 -3.39 9.09	70.83 -3.17 9.31	73.17 -3.37 9.77	63.47 -2.80 5.55	50.11 -2.71 3.55	46.42 -2.80 2.69	42.60 -2.70 2.13
STA_7____115KV_9TRANS 80674	42.47 -2.51 1.59	38.42 -2.64 0.79	39.30 -2.60 0.00	38.42 -2.50 0.00	36.82 -2.31 0.00	37.33 -2.30 0.00	33.84 -2.01 0.00	32.45 -1.64 0.00	34.67 -2.38 0.09	35.51 -2.39 0.00	36.46 -2.30 0.24	39.91 -2.64 1.43	42.55 -2.39 1.90	43.70 -2.88 2.23	48.54 -2.53 2.85	49.55 -2.61 3.40	59.05 -2.82 7.02	68.85 -2.66 9.10	71.56 -2.42 9.32	73.93 -2.59 9.78	64.18 -2.08 5.55	50.67 -2.14 3.55	46.88 -2.34 2.69	42.93 -2.37 2.13
STA_82____115KV_TB1 80780	42.16 -2.84 1.57	38.18 -2.89 0.78	39.09 -2.81 0.00	38.21 -2.70 0.00	36.58 -2.54 0.00	37.09 -2.54 0.00	33.63 -2.22 0.00	32.25 -1.84 0.00	34.46 -2.60 0.08	35.28 -2.62 0.00	36.19 -2.57 0.24	39.58 -2.99 1.42	42.20 -2.76 1.87	43.35 -3.27 2.19	48.09 -3.02 2.82	49.09 -3.11 3.36	58.53 -3.51 6.85	68.26 -3.47 8.89	70.94 -3.25 9.12	73.28 -3.45 9.57	63.46 -2.87 5.49	50.09 -2.76 3.50	46.40 -2.86 2.66	42.59 -2.75 2.10
STEEL____WIND 323596	40.00 -4.38 2.20	36.56 -4.19 1.11	37.68 -4.19 0.03	36.80 -4.09 0.03	35.25 -3.87 0.00	35.69 -3.92 0.01	32.41 -3.44 0.00	31.18 -2.90 0.01	33.60 -3.01 0.54	34.84 -3.03 0.03	35.38 -3.28 0.35	38.45 -3.52 2.02	40.37 -3.84 2.63	41.31 -3.86 3.64	46.04 -3.93 3.94	47.13 -3.72 4.71	47.02 -4.20 17.66	57.60 -4.03 18.99	59.60 -3.75 19.95	62.94 -4.23 19.14	59.52 -4.60 7.71	47.89 -3.49 4.98	44.55 -3.64 3.73	40.52 -3.51 3.41
STEPHTWN_115KV_BK_2 55603	48.25 1.68 0.00	43.40 1.55 0.00	43.32 1.42 0.00	42.31 1.39 0.00	40.34 1.21 0.00	40.85 1.23 0.00	36.92 1.08 0.00	35.21 1.12 0.00	38.14 1.00 0.00	38.92 1.02 0.00	40.06 1.05 0.00	45.26 1.28 0.00	48.01 1.17 0.00	50.13 1.32 0.00	55.54 1.62 0.00	57.39 1.83 0.00	71.37 2.48 0.00	83.68 3.06 0.00	87.13 3.83 0.00	89.84 3.54 0.00	74.26 2.44 0.00	58.39 2.03 0.00	53.63 1.71 0.00	49.00 1.57 0.00
STEBEN_REC_LFGE 323667	46.56 -1.86 -1.85	40.81 -2.01 -0.97	40.00 -1.97 -0.07	39.10 -1.88 -0.07	37.32 -1.80 0.00	37.99 -1.66 -0.03	34.38 -1.47 0.00	32.79 -1.33 -0.03	36.80 -1.67 -1.33	36.26 -1.71 -0.07	37.47 -1.87 -0.34	43.84 -1.94 -1.79	47.14 -1.92 -2.23	51.24 -1.95 -4.39	55.42 -1.83 -3.33	58.20 -1.39 -4.03	101.09 -1.10 -33.30	118.74 -0.24 -38.36	119.40 0.67 -35.43	123.27 1.21 -35.76	78.98 0.50 -6.66	61.11 0.28 -4.47	54.61 -0.47 -3.16	50.53 -0.85 -3.95
STILLWATER____SOLAR 323814	49.04 2.47 0.00	44.07 2.22 0.00	44.03 2.14 0.00	42.92 2.00 0.00	40.96 1.84 0.00	41.49 1.86 0.00	37.42 1.58 0.00	35.59 1.50 0.00	38.36 1.22 0.00	39.04 1.14 0.00	40.06 1.05 0.00	45.31 1.32 0.00	48.01 1.17 0.00	50.13 1.32 0.00	55.54 1.62 0.00	57.45 1.89 0.00	71.92 3.03 0.00	84.65 4.03 0.00	88.38 5.08 0.00	91.48 5.18 0.00	75.70 3.88 0.00	59.57 3.21 0.00	54.66 2.75 0.00	49.80 2.37 0.00

STONY___BROOK 24151	55.15 -4.57 -4.01	46.10 4.23 -0.02	45.37 3.48 0.00	43.82 2.91 0.00	41.79 2.66 0.00	42.08 2.46 0.00	38.21 2.37 0.00	37.16 3.07 0.00	41.04 3.86 -0.04	52.48 3.98 -10.60	52.95 3.90 -10.05	54.46 4.44 -6.03	62.93 4.54 -11.55	65.19 4.79 -11.59	121.52 5.44 -62.16	98.62 5.33 -37.73	120.63 6.33 -45.40	103.23 7.98 -14.62	91.85 8.17 -0.38	93.04 6.74 0.00	74.83 3.02 0.01	59.00 2.65 0.01	54.35 2.44 0.01	50.99 3.56 0.00
STURGEON_POOL_HYD 23609	49.04 2.47 0.00	44.16 2.30 0.00	43.87 1.97 0.00	42.80 1.88 0.00	40.77 1.64 0.00	41.25 1.62 0.00	37.39 1.54 0.00	35.96 1.87 0.00	39.11 1.97 0.00	39.99 2.08 0.00	41.34 2.34 0.00	46.67 2.68 0.00	49.69 2.86 0.00	52.03 3.22 0.00	57.48 3.56 0.00	59.28 3.72 0.00	73.16 5.32 0.00	85.94 5.32 0.00	89.30 6.00 0.00	91.74 5.44 0.00	74.98 3.16 0.00	58.84 2.48 0.00	54.30 2.39 0.00	49.76 2.32 0.00
ST_LAW_115_BK7_LBMP 345037	46.06 -0.51 0.00	41.44 -0.42 0.00	41.44 -0.46 0.00	40.55 -0.37 0.00	38.85 -0.27 0.00	39.31 -0.32 0.00	35.60 -0.25 0.00	33.65 -0.44 0.00	36.88 -0.26 0.00	37.56 -0.34 0.00	38.69 -0.31 0.00	43.55 -0.44 0.00	46.41 -0.42 0.00	48.32 -0.49 0.00	53.06 -0.86 0.00	54.56 -1.00 0.00	67.58 -1.31 0.00	78.77 -1.85 0.00	81.14 -2.17 0.00	84.40 -1.90 0.00	70.82 -1.01 0.00	55.52 -0.84 0.00	51.34 -0.57 0.00	47.01 -0.43 0.00
ST_LAW_115_BK8_LBMP 345038	46.06 -0.51 0.00	41.44 -0.42 0.00	41.44 -0.46 0.00	40.55 -0.37 0.00	38.85 -0.27 0.00	39.31 -0.32 0.00	35.60 -0.25 0.00	33.65 -0.44 0.00	36.88 -0.26 0.00	37.56 -0.34 0.00	38.69 -0.31 0.00	43.55 -0.44 0.00	46.41 -0.42 0.00	48.32 -0.49 0.00	53.06 -0.86 0.00	54.56 -1.00 0.00	67.58 -1.31 0.00	78.77 -1.85 0.00	81.14 -2.17 0.00	84.40 -1.90 0.00	70.82 -1.01 0.00	55.52 -0.84 0.00	51.34 -0.57 0.00	47.01 -0.43 0.00
ST_LAW_230_BK5_LBMP 345035	46.11 -0.47 0.00	41.44 -0.42 0.00	41.44 -0.46 0.00	40.55 -0.37 0.00	38.85 -0.27 0.00	39.31 -0.32 0.00	35.60 -0.25 0.00	33.68 -0.41 0.00	36.88 -0.26 0.00	37.60 -0.30 0.00	38.73 -0.27 0.00	43.59 -0.40 0.00	46.46 -0.38 0.00	48.37 -0.44 0.00	53.17 -0.75 0.00	54.67 -0.89 0.00	67.72 -1.17 0.00	78.92 -1.70 0.00	81.30 -2.00 0.00	84.58 -1.73 0.00	70.89 -0.94 0.00	55.57 -0.79 0.00	51.39 -0.52 0.00	47.01 -0.43 0.00
ST_LAW_230_BK6_LBMP 345036	46.11 -0.47 0.00	41.44 -0.42 0.00	41.44 -0.46 0.00	40.55 -0.37 0.00	38.85 -0.27 0.00	39.31 -0.32 0.00	35.60 -0.25 0.00	33.68 -0.41 0.00	36.88 -0.26 0.00	37.60 -0.30 0.00	38.73 -0.27 0.00	43.59 -0.40 0.00	46.46 -0.38 0.00	48.37 -0.44 0.00	53.17 -0.75 0.00	54.67 -0.89 0.00	67.72 -1.17 0.00	78.92 -1.70 0.00	81.30 -2.00 0.00	84.58 -1.73 0.00	70.89 -0.94 0.00	55.57 -0.79 0.00	51.39 -0.52 0.00	47.01 -0.43 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	48.76 2.19 0.00	43.95 2.09 0.00	43.66 1.76 0.00	42.59 1.68 0.00	40.61 1.49 0.00	41.05 1.43 0.00	37.25 1.40 0.00	35.83 1.74 0.00	38.96 1.82 0.00	39.87 1.97 0.00	41.27 2.26 0.00	46.58 2.60 0.00	49.55 2.72 0.00	51.79 2.98 0.00	57.21 3.29 0.00	58.95 3.39 0.00	72.75 3.86 0.00	85.37 4.76 0.00	88.72 5.41 0.00	91.14 4.83 0.00	74.48 2.66 0.00	58.50 2.14 0.00	53.99 2.08 0.00	49.47 2.04 0.00
SWANROAD_115KV_TB1 355699	38.57 -5.96 2.04	35.18 -5.65 1.03	36.85 -5.03 0.02	36.03 -4.87 0.02	33.92 -5.20 0.00	34.98 -4.64 0.01	31.87 -3.98 0.00	30.50 -3.58 0.01	32.58 -4.16 0.40	33.11 -4.78 0.02	33.77 -4.91 0.32	36.57 -5.54 1.87	38.68 -5.71 2.44	39.69 -5.86 3.26	44.87 -5.39 3.66	45.25 -5.95 4.37	47.70 -6.54 14.65	55.00 -7.42 18.20	58.42 -7.33 17.55	60.01 -8.03 18.27	57.42 -7.25 7.15	45.70 -6.03 4.62	42.74 -5.71 3.46	39.25 -5.12 3.06
SYNERGY___BIOGAS 323694	40.97 -3.73 1.87	37.10 -3.81 0.94	38.36 -3.52 0.01	37.51 -3.40 0.01	35.68 -3.44 0.00	36.45 -3.17 0.01	33.12 -2.72 0.00	31.73 -2.35 0.01	33.84 -3.01 0.29	34.51 -3.37 0.01	35.24 -3.47 0.29	38.41 -3.87 1.71	40.76 -3.84 2.24	41.83 -4.10 2.88	46.90 -3.67 3.36	47.72 -3.83 4.01	52.91 -4.06 11.92	62.03 -3.95 14.64	65.38 -3.42 14.50	67.72 -3.62 14.96	61.96 -3.30 6.56	49.09 -3.04 4.23	45.57 -3.17 3.17	41.68 -3.04 2.72
SYRACUSE___ENERGY_ST1 323597	45.92 -0.65 0.00	41.14 -0.71 0.00	41.35 -0.54 0.00	40.43 -0.49 0.00	38.62 -0.51 0.00	39.15 -0.48 0.00	35.38 -0.47 0.00	33.75 -0.34 0.00	36.58 -0.56 0.00	37.29 -0.61 0.00	38.26 -0.74 0.00	43.19 -0.79 0.00	46.09 -0.75 0.00	47.98 -0.83 0.00	53.11 -0.81 0.00	54.84 -0.72 0.00	68.20 -0.69 0.00	80.13 -0.48 0.00	83.05 -0.25 0.00	86.04 -0.26 0.00	71.46 -0.36 0.00	55.96 -0.39 0.00	51.39 -0.52 0.00	46.86 -0.57 0.00
SYRACUSE___ENERGY_ST2 323598	45.92 -0.65 0.00	41.14 -0.71 0.00	41.35 -0.54 0.00	40.43 -0.49 0.00	38.62 -0.51 0.00	39.15 -0.48 0.00	35.38 -0.47 0.00	33.75 -0.34 0.00	36.58 -0.56 0.00	37.29 -0.61 0.00	38.26 -0.74 0.00	43.19 -0.79 0.00	46.09 -0.75 0.00	47.98 -0.83 0.00	53.11 -0.81 0.00	54.84 -0.72 0.00	68.20 -0.69 0.00	80.13 -0.48 0.00	83.05 -0.25 0.00	86.04 -0.26 0.00	71.46 -0.36 0.00	55.96 -0.39 0.00	51.39 -0.52 0.00	46.86 -0.57 0.00
SYRACUSE___POWER 24017	45.44 -0.75 0.39	40.87 -0.80 0.19	41.27 -0.63 0.00	40.30 -0.61 0.00	38.54 -0.59 0.00	39.03 -0.59 0.00	35.28 -0.57 0.00	33.65 -0.44 0.00	36.51 -0.63 0.00	37.22 -0.68 0.00	38.17 -0.78 0.06	42.80 -0.84 0.35	45.53 -0.84 0.46	47.42 -0.88 0.51	52.31 -0.92 0.70	53.95 -0.78 0.83	66.80 -0.83 1.27	78.26 -0.64 1.72	81.13 -0.33 1.83	84.01 -0.35 1.94	69.97 -0.50 1.35	54.99 -0.51 0.86	50.63 -0.62 0.66	46.32 -0.62 0.49
TALLMAN__138KV_BK151 55660	48.99 2.42 0.00	44.24 2.39 0.00	43.87 1.97 0.00	42.76 1.84 0.00	40.77 1.64 0.00	41.21 1.59 0.00	37.43 1.58 0.00	36.10 2.01 0.00	39.26 2.12 0.00	40.21 2.31 0.00	41.66 2.65 0.00	47.07 3.08 0.00	50.02 3.18 0.00	52.27 3.47 0.00	57.75 3.83 0.00	59.51 3.94 0.00	73.30 4.41 0.00	86.02 5.40 0.00	89.30 6.00 0.00	91.65 5.35 0.00	74.77 2.94 0.00	58.73 2.37 0.00	54.25 2.34 0.00	49.76 2.32 0.00
TEALLAVE_115KV_TB7 355573	45.11 -0.93 0.53	40.67 -0.92 0.27	41.14 -0.75 0.00	40.18 -0.74 0.00	38.42 -0.70 0.00	38.91 -0.71 0.00	35.17 -0.68 0.00	33.54 -0.55 0.00	36.36 -0.78 0.00	37.11 -0.80 0.00	37.99 -0.94 0.08	42.50 -1.01 0.48	45.21 -0.98 0.64	47.03 -1.07 0.70	51.83 -1.13 0.96	53.37 -1.06 1.14	66.05 -1.10 1.74	77.21 -1.05 2.36	79.95 -0.83 2.52	82.76 -0.86 2.68	69.03 -0.93 1.86	54.39 -0.79 1.18	50.18 -0.83 0.90	45.90 -0.85 0.68
TELGRAPH_34_KV_EAST 80808	39.97 -4.66 1.95	36.31 -4.56 0.98	37.69 -4.19 0.02	36.85 -4.05 0.02	34.98 -4.15 0.00	35.81 -3.80 0.01	32.55 -3.30 0.00	31.22 -2.86 0.01	33.31 -3.49 0.34	33.98 -3.90 0.02	34.72 -3.98 0.30	37.72 -4.49 1.78	40.01 -4.50 2.33	40.98 -4.78 3.05	46.06 -4.37 3.49	46.78 -4.61 4.17	50.73 -5.03 13.13	59.31 -5.32 15.98	62.44 -5.08 15.78	64.65 -5.44 16.22	59.97 -5.03 6.82	47.62 -4.34 4.40	44.36 -4.26 3.30	40.62 -3.94 2.87

TEMPLE___115KV_TB 2 55572	45.14 -0.88 0.54	40.66 -0.92 0.27	41.14 -0.75 0.00	40.18 -0.74 0.00	38.42 -0.70 0.00	38.91 -0.71 0.00	35.20 -0.65 0.00	33.58 -0.51 0.00	36.40 -0.74 0.00	37.11 -0.80 0.00	38.03 -0.90 0.08	42.53 -0.97 0.49	45.25 -0.94 0.65	47.07 -1.02 0.72	51.87 -1.08 0.98	53.40 -1.00 1.16	66.09 -1.03 1.77	77.25 -0.97 2.40	79.98 -0.75 2.57	82.80 -0.78 2.72	69.06 -0.86 1.89	54.36 -0.79 1.21	50.16 -0.83 0.92	45.94 -0.81 0.69
TIANA___69_KV_BK 1 55817	55.56 4.98 -4.01	46.43 4.56 -0.02	45.42 3.52 0.00	43.94 3.03 0.00	41.71 2.58 0.00	41.84 2.22 0.00	38.14 2.29 0.00	37.26 3.17 0.00	41.34 4.16 -0.04	53.01 4.51 -10.60	53.69 4.64 -10.05	55.45 5.45 -6.01	64.38 5.67 -11.87	66.53 5.91 -11.82	121.07 6.69 -60.46	100.24 6.95 -37.73	122.14 8.40 -44.84	105.23 10.00 -14.62	94.26 10.58 -0.38	95.45 9.15 0.00	76.19 4.38 0.01	59.90 3.55 0.01	55.23 3.32 0.01	51.56 4.13 0.00
TILDEN___115KV_TB1 80814	45.44 -0.75 0.39	40.87 -0.80 0.19	41.27 -0.63 0.00	40.30 -0.61 0.00	38.54 -0.59 0.00	39.03 -0.59 0.00	35.28 -0.57 0.00	33.65 -0.44 0.00	36.51 -0.63 0.00	37.22 -0.68 0.00	38.17 -0.78 0.06	42.80 -0.84 0.35	45.53 -0.84 0.46	47.42 -0.88 0.51	52.31 -0.92 0.70	53.95 -0.78 0.83	66.80 -0.83 1.27	78.26 -0.64 1.72	81.13 -0.33 1.83	84.01 -0.35 1.94	69.97 -0.50 1.35	54.99 -0.51 0.86	50.63 -0.62 0.66	46.32 -0.62 0.49
TRIGEN___CC 323695	54.12 3.54 -4.01	45.26 3.39 -0.02	44.54 2.64 0.00	43.21 2.29 0.00	41.08 1.96 0.00	41.33 1.70 0.00	37.61 1.76 0.00	36.54 2.45 0.00	40.22 3.05 -0.04	51.72 3.22 -10.60	52.52 3.47 -10.05	53.82 3.96 -5.87	61.62 4.07 -10.71	64.22 4.39 -11.02	104.71 4.91 -45.88	98.34 5.06 -37.72	114.68 5.72 -40.07	102.08 6.85 -14.61	91.35 7.66 -0.38	92.95 6.65 0.00	74.54 2.73 0.01	58.55 2.20 0.01	53.93 2.02 0.01	50.18 2.75 0.00
TRINITY___115KV___ 4 BK 55933	47.83 1.26 0.00	43.03 1.17 0.00	42.99 1.09 0.00	41.98 1.06 0.00	40.06 0.94 0.00	40.58 0.95 0.00	36.67 0.82 0.00	34.98 0.89 0.00	37.92 0.78 0.00	38.70 0.80 0.00	39.86 0.86 0.00	45.00 1.01 0.00	47.77 0.94 0.00	49.83 1.02 0.00	55.16 1.24 0.00	56.95 1.39 0.00	70.75 1.86 0.00	82.88 2.26 0.00	86.22 2.92 0.00	88.89 2.59 0.00	73.40 1.58 0.00	57.77 1.41 0.00	53.11 1.19 0.00	48.57 1.14 0.00
UNION___PROCESSING_DRP 323587	42.21 -2.79 1.57	38.18 -2.89 0.79	39.09 -2.81 0.00	38.21 -2.70 0.00	36.58 -2.54 0.00	37.09 -2.54 0.00	33.63 -2.22 0.00	32.28 -1.81 0.00	34.45 -2.60 0.09	35.28 -2.62 0.00	36.19 -2.57 0.24	39.62 -2.95 1.42	42.20 -2.76 1.88	43.34 -3.27 2.20	48.14 -2.97 2.82	49.09 -3.11 3.36	58.46 -3.51 6.92	68.19 -3.47 8.97	70.94 -3.17 9.19	73.21 -3.45 9.64	63.53 -2.80 5.49	50.09 -2.76 3.51	46.40 -2.86 2.66	42.58 -2.75 2.10
UPPER HUDSON___HYD 24058	48.94 2.37 0.00	44.03 2.18 0.00	43.91 2.01 0.00	42.80 1.88 0.00	40.77 1.64 0.00	41.25 1.63 0.00	37.21 1.36 0.00	35.38 1.30 0.00	38.03 0.89 0.00	38.66 0.76 0.00	39.31 0.31 0.00	44.65 0.66 0.00	46.98 0.14 0.00	49.01 0.20 0.00	54.35 0.43 0.00	56.34 0.78 0.00	71.44 2.55 0.00	84.33 3.71 0.00	88.71 5.41 0.00	92.00 5.69 0.00	76.20 4.38 0.00	59.91 3.55 0.00	54.77 2.85 0.00	49.71 2.28 0.00
UPPER RAQUET___HYD 24056	45.96 -0.61 0.00	41.31 -0.55 0.00	41.27 -0.63 0.00	40.51 -0.41 0.00	38.81 -0.31 0.00	39.11 -0.52 0.00	35.35 -0.50 0.00	33.27 -0.82 0.00	36.43 -0.71 0.00	37.07 -0.83 0.00	38.18 -0.82 0.00	42.89 -1.10 0.00	45.76 -1.08 0.00	47.54 -1.27 0.00	52.14 -1.78 0.00	53.61 -1.95 0.00	66.48 -2.41 0.00	77.88 -2.74 0.00	80.47 -2.83 0.00	84.15 -2.15 0.00	70.82 -1.01 0.00	55.35 -1.01 0.00	51.19 -0.73 0.00	46.77 -0.66 0.00
VALLEY44___115KV_TB2 355964	40.68 -3.96 1.93	37.15 -3.73 0.98	38.19 -3.69 0.02	37.33 -3.56 0.02	35.52 -3.60 0.00	36.09 -3.53 0.01	32.77 -3.08 0.00	31.45 -2.62 0.01	34.88 -1.82 0.44	36.36 -1.52 0.02	36.83 -1.87 0.31	40.46 -1.76 1.77	41.80 -2.72 2.31	43.59 -2.05 3.16	47.59 -2.86 3.47	49.81 -1.61 4.14	52.35 -1.58 14.96	63.66 -0.97 15.99	65.83 -0.50 16.97	69.32 -0.78 16.21	61.95 -3.09 6.78	50.58 -1.41 4.37	46.76 -1.87 3.28	42.62 -1.85 2.96
VALLEY___115KV_TB 1-4 80826	47.18 0.61 0.00	42.44 0.59 0.00	42.53 0.63 0.00	41.61 0.70 0.00	39.79 0.67 0.00	40.34 0.71 0.00	36.49 0.65 0.00	34.74 0.65 0.00	37.77 0.63 0.00	38.58 0.68 0.00	39.67 0.66 0.00	44.73 0.75 0.00	47.58 0.75 0.00	49.49 0.68 0.00	54.68 0.75 0.00	56.34 0.78 0.00	69.86 0.96 0.00	81.99 1.37 0.00	85.13 1.83 0.00	88.37 2.07 0.00	73.54 1.72 0.00	57.77 1.41 0.00	53.21 1.30 0.00	48.62 1.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	48.15 1.58 0.00	43.28 1.42 0.00	43.24 1.34 0.00	42.31 1.39 0.00	40.41 1.29 0.00	40.93 1.31 0.00	36.85 1.00 0.00	35.08 0.99 0.00	37.99 0.85 0.00	38.85 0.95 0.00	40.02 1.01 0.00	45.26 1.28 0.00	48.15 1.31 0.00	50.23 1.42 0.00	55.54 1.62 0.00	57.34 1.78 0.00	71.26 2.34 -0.02	83.75 3.06 -0.07	87.25 3.92 -0.04	90.25 3.88 -0.06	74.62 2.80 0.00	58.61 2.25 0.00	53.78 1.87 0.00	49.09 1.66 0.00
VISCHER___FERRY HYD 24020	48.62 2.05 0.00	43.69 1.84 0.00	43.70 1.80 0.00	42.63 1.72 0.00	40.69 1.57 0.00	41.21 1.59 0.00	37.21 1.36 0.00	35.49 1.40 0.00	38.40 1.26 0.00	39.15 1.25 0.00	40.29 1.29 0.00	45.48 1.50 0.00	48.29 1.45 0.00	50.47 1.66 0.00	55.81 1.89 0.00	57.67 2.11 0.00	71.72 2.83 0.00	84.33 3.71 0.00	87.63 4.33 0.00	90.45 4.14 0.00	74.77 2.95 0.00	58.84 2.48 0.00	54.09 2.18 0.00	49.38 1.95 0.00
V_A_10_SYNC_DSASP 323832	40.22 -4.42 1.92	36.62 -4.27 0.97	37.65 -4.23 0.01	36.81 -4.09 0.01	35.25 -3.87 0.00	35.74 -3.88 0.01	32.48 -3.37 0.00	31.22 -2.86 0.01	33.04 -3.83 0.28	33.98 -3.90 0.01	34.84 -3.86 0.30	37.70 -4.53 1.75	40.23 -4.31 2.30	40.88 -4.98 2.95	45.72 -4.75 3.46	46.43 -5.00 4.13	50.84 -5.99 12.06	58.93 -6.45 15.24	62.12 -6.33 14.85	63.94 -6.82 15.55	59.46 -5.60 6.76	46.94 -5.07 4.35	43.82 -4.83 3.26	40.14 -4.51 2.78
V_CMM_10_SYNC_DSASP 323787	46.20 -0.37 0.00	41.56 -0.29 0.00	41.56 -0.34 0.00	40.59 -0.33 0.00	38.97 -0.16 0.00	39.43 -0.20 0.00	35.71 -0.14 0.00	33.75 -0.34 0.00	37.03 -0.11 0.00	37.67 -0.23 0.00	38.81 -0.20 0.00	43.68 -0.31 0.00	46.55 -0.28 0.00	48.47 -0.34 0.00	53.06 -0.86 0.00	54.51 -1.06 0.00	67.52 -1.38 0.00	78.92 -1.69 0.00	81.05 -2.25 0.00	84.40 -1.90 0.00	70.82 -1.01 0.00	55.46 -0.90 0.00	51.39 -0.52 0.00	47.15 -0.28 0.00
V_CMP_10_SYNC_DSASP 323788	46.15 -0.42 0.00	41.56 -0.29 0.00	41.61 -0.29 0.00	40.67 -0.25 0.00	39.12 0.00 0.00	39.59 -0.04 0.00	35.89 0.04 0.00	33.99 -0.10 0.00	37.29 0.15 0.00	37.94 0.04 0.00	39.04 0.04 0.00	43.90 -0.09 0.00	46.83 0.00 0.00	48.71 -0.10 0.00	53.65 -0.27 0.00	54.23 -1.33 0.00	66.69 -2.20 0.00	78.12 -2.50 0.00	80.39 -2.92 0.00	83.63 -2.68 0.00	70.03 -1.80 0.00	55.18 -1.18 0.00	51.76 -0.16 0.00	47.29 -0.14 0.00

V_D_10_SYNC_DSASP 323841	46.38 -0.19 0.00	41.69 -0.17 0.00	41.65 -0.25 0.00	40.71 -0.20 0.00	39.16 0.04 0.00	39.55 -0.08 0.00	35.81 -0.04 0.00	33.82 -0.27 0.00	37.07 -0.07 0.00	37.71 -0.19 0.00	38.85 -0.16 0.00	43.68 -0.31 0.00	46.60 -0.23 0.00	48.47 -0.34 0.00	53.28 -0.65 0.00	54.73 -0.83 0.00	67.79 -1.10 0.00	79.41 -1.21 0.00	81.55 -1.75 0.00	85.01 -1.29 0.00	71.39 -0.43 0.00	55.85 -0.51 0.00	51.70 -0.21 0.00	47.29 -0.14 0.00
V_E_10_SYNC_DSASP 323830	48.52 2.00 0.05	43.46 1.63 0.02	43.58 1.68 -0.01	42.68 1.76 -0.01	40.85 1.72 0.00	41.37 1.74 0.00	37.03 1.18 0.00	35.18 1.09 0.00	37.77 0.52 -0.11	38.25 0.34 -0.01	39.16 0.16 0.00	44.21 0.26 0.04	47.10 0.33 0.06	49.20 0.29 -0.09	54.31 0.49 0.10	56.34 0.89 0.11	72.96 1.93 -2.13	86.70 3.71 -2.37	90.82 5.50 -2.02	94.88 6.56 -2.02	76.96 5.31 0.17	60.27 4.00 0.09	54.89 3.06 0.09	50.01 2.51 -0.07
V_F_30_NSYNC___DSASP 323816	49.09 2.51 0.00	44.12 2.26 0.00	43.99 2.09 0.00	42.96 2.05 0.00	40.96 1.84 0.00	41.45 1.82 0.00	37.43 1.58 0.00	35.59 1.50 0.00	38.40 1.26 0.00	39.11 1.21 0.00	40.10 1.09 0.00	45.39 1.41 0.00	48.10 1.26 0.00	50.22 1.42 0.00	55.65 1.73 0.00	57.56 2.00 0.00	71.99 3.10 0.00	84.65 4.03 0.00	88.47 5.16 0.00	91.57 5.26 0.00	75.77 3.95 0.00	59.63 3.27 0.00	54.72 2.80 0.00	49.85 2.42 0.00
V_F_30_SYNC_DSASP 323786	48.01 1.44 0.00	43.19 1.34 0.00	43.16 1.26 0.00	42.10 1.19 0.00	40.18 1.06 0.00	40.70 1.07 0.00	36.78 0.93 0.00	35.08 0.99 0.00	37.99 0.85 0.00	38.77 0.87 0.00	39.90 0.90 0.00	45.09 1.10 0.00	47.86 1.03 0.00	49.93 1.12 0.00	55.27 1.35 0.00	57.12 1.56 0.00	70.96 2.07 0.00	83.20 2.58 0.00	86.63 3.33 0.00	89.32 3.02 0.00	73.76 1.94 0.00	58.05 1.69 0.00	53.31 1.40 0.00	48.76 1.33 0.00
V_XM_10_SYNC_DSASP 323789	46.15 -0.42 0.00	41.56 -0.29 0.00	41.61 -0.29 0.00	40.67 -0.25 0.00	39.12 0.00 0.00	39.59 -0.04 0.00	35.89 0.04 0.00	33.99 -0.10 0.00	37.29 0.15 0.00	37.94 0.04 0.00	39.04 0.04 0.00	43.90 -0.09 0.00	46.83 0.00 0.00	48.71 -0.10 0.00	53.65 -0.27 0.00	54.23 -1.33 0.00	66.69 -2.20 0.00	78.12 -2.50 0.00	80.39 -2.92 0.00	83.63 -2.68 0.00	70.03 -1.80 0.00	55.18 -1.18 0.00	51.76 -0.16 0.00	47.29 -0.14 0.00
W.BABYLN_69_KV_BK1 56697	55.47 -4.89 -4.01	46.39 -4.52 -0.02	45.46 3.56 0.00	43.99 3.07 0.00	41.78 2.66 0.00	41.96 2.34 0.00	38.18 2.33 0.00	37.23 3.14 0.00	41.12 3.94 -0.04	52.67 4.17 -10.60	53.27 4.21 -10.05	54.73 4.84 -5.90	62.88 5.01 -11.04	65.32 5.27 -11.24	108.79 5.99 -48.88	99.45 6.17 -37.72	117.31 7.37 -41.05	104.02 8.79 -14.61	93.18 9.50 -0.38	94.67 8.37 0.00	75.76 3.95 0.01	59.56 3.21 0.01	54.92 3.01 0.01	51.23 3.79 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	49.18 2.61 0.00	44.37 2.51 0.00	44.04 2.14 0.00	42.92 2.00 0.00	40.92 1.80 0.00	41.37 1.74 0.00	37.53 1.68 0.00	36.20 2.11 0.00	39.37 2.23 0.00	40.36 2.46 0.00	41.77 2.77 0.00	47.20 3.21 0.00	50.21 3.37 0.00	52.47 3.66 0.00	57.97 4.04 0.00	59.73 4.17 0.00	73.65 4.75 0.00	86.34 5.72 0.00	89.72 6.41 0.00	92.09 5.78 0.00	75.12 3.30 0.00	58.95 2.59 0.00	54.46 2.54 0.00	49.95 2.51 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	49.78 3.21 0.00	44.91 3.06 0.00	44.50 2.60 0.00	43.33 2.41 0.00	41.24 2.11 0.00	41.65 2.02 0.00	37.89 2.04 0.00	36.68 2.59 0.00	39.93 2.79 0.00	40.90 2.99 0.00	42.36 3.35 0.00	47.86 3.87 -0.01	50.77 3.93 0.00	53.10 4.30 0.00	58.67 4.75 0.00	60.39 4.83 0.00	74.27 5.37 0.00	87.07 6.45 0.00	90.38 7.08 0.00	92.69 6.39 0.00	75.41 3.59 0.00	59.29 2.93 0.00	54.77 2.86 0.00	50.28 2.85 0.00
W50THST__13_KV_LOAD 356117	50.11 3.54 0.00	45.12 3.26 0.00	44.71 2.81 0.00	43.54 2.62 0.00	41.43 2.31 0.00	41.84 2.22 0.00	38.07 2.22 0.00	36.85 2.76 0.00	40.15 3.01 0.00	41.12 3.22 0.00	42.59 3.59 0.00	48.13 4.13 -0.01	51.10 4.26 0.00	53.40 4.59 0.00	59.05 5.12 0.00	60.78 5.22 0.00	74.75 5.86 0.00	87.79 7.17 0.00	90.88 7.58 0.00	93.29 6.99 0.00	75.84 4.02 0.00	59.57 3.21 0.00	55.08 3.17 0.00	50.52 3.08 0.00
WADING RIVER_IC_1 23522	55.33 4.75 -4.01	46.22 4.35 -0.02	45.46 3.56 0.00	43.90 2.99 0.00	41.86 2.74 0.00	42.16 2.54 0.00	38.25 2.40 0.00	37.22 3.13 0.00	41.16 3.98 -0.04	52.63 4.13 -10.60	53.23 4.18 -10.05	54.79 4.80 -6.01	63.68 4.96 -11.88	65.86 5.23 -11.82	120.25 5.88 -60.45	99.40 6.11 -37.73	121.03 7.30 -44.83	104.34 9.11 -14.62	93.09 9.41 -0.38	94.24 7.93 0.00	75.47 3.66 0.01	59.39 3.04 0.01	54.65 2.75 0.01	51.23 3.80 0.00
WADING RIVER_IC_2 23547	55.33 4.75 -4.01	46.22 4.35 -0.02	45.46 3.56 0.00	43.90 2.99 0.00	41.86 2.74 0.00	42.16 2.54 0.00	38.25 2.40 0.00	37.22 3.13 0.00	41.16 3.98 -0.04	52.63 4.13 -10.60	53.23 4.18 -10.05	54.79 4.80 -6.01	63.68 4.96 -11.88	65.86 5.23 -11.82	120.25 5.88 -60.45	99.40 6.11 -37.73	121.03 7.30 -44.83	104.34 9.11 -14.62	93.09 9.41 -0.38	94.24 7.93 0.00	75.47 3.66 0.01	59.39 3.04 0.01	54.65 2.75 0.01	51.23 3.80 0.00
WADING RIVER_IC_3 23601	55.33 4.75 -4.01	46.22 4.35 -0.02	45.46 3.56 0.00	43.90 2.99 0.00	41.86 2.74 0.00	42.16 2.54 0.00	38.25 2.40 0.00	37.22 3.13 0.00	41.16 3.98 -0.04	52.63 4.13 -10.60	53.23 4.18 -10.05	54.79 4.80 -6.01	63.68 4.96 -11.88	65.86 5.23 -11.82	120.25 5.88 -60.45	99.40 6.11 -37.73	121.03 7.30 -44.83	104.34 9.11 -14.62	93.09 9.41 -0.38	94.24 7.93 0.00	75.47 3.66 0.01	59.39 3.04 0.01	54.65 2.75 0.01	51.23 3.80 0.00
WALDENNY_12_KV_BK2 80841	39.92 -4.47 2.18	36.44 -4.31 1.10	37.72 -4.15 0.03	36.88 -4.01 0.03	35.13 -3.99 0.00	35.77 -3.84 0.01	32.52 -3.33 0.00	31.21 -2.86 0.01	33.46 -3.16 0.52	34.69 -3.18 0.03	35.30 -3.35 0.35	38.29 -3.69 2.00	40.29 -3.93 2.61	41.20 -4.00 3.60	45.96 -4.04 3.91	47.05 -3.83 4.67	47.36 -4.20 17.33	57.43 -4.19 19.00	59.68 -3.92 19.71	62.86 -4.32 19.13	59.58 -4.60 7.65	47.70 -3.72 4.94	44.43 -3.79 3.70	40.46 -3.60 3.37
WALDEN___HYDRO 24148	48.99 2.42 0.00	44.16 2.30 0.00	43.87 1.97 0.00	42.76 1.84 0.00	40.77 1.64 0.00	41.25 1.62 0.00	37.39 1.54 0.00	35.96 1.87 0.00	39.11 1.97 0.00	40.02 2.12 0.00	41.38 2.38 0.00	46.71 2.73 0.00	49.69 2.86 0.00	51.98 3.17 0.00	57.48 3.56 0.00	59.23 3.67 0.00	73.16 4.27 0.00	85.94 5.32 0.00	89.30 6.00 0.00	91.83 5.52 0.00	75.05 3.23 0.00	58.84 2.48 0.00	54.30 2.39 0.00	49.76 2.32 0.00
WARRENSBURG____ 23737	48.95 2.38 0.00	44.03 2.18 0.00	43.87 1.97 0.00	42.76 1.84 0.00	40.73 1.60 0.00	41.21 1.59 0.00	37.18 1.33 0.00	35.35 1.26 0.00	37.99 0.85 0.00	38.66 0.76 0.00	39.28 0.27 0.00	44.60 0.62 0.00	46.98 0.14 0.00	48.96 0.15 0.00	54.30 0.38 0.00	56.34 0.78 0.00	71.44 2.55 0.00	84.16 3.55 0.00	88.72 5.41 0.00	92.00 5.70 0.00	76.13 4.31 0.00	59.91 3.55 0.00	54.77 2.86 0.00	49.71 2.28 0.00

WATERSIDE___6 8 9 23538	49.88 3.31 -0.01	45.00 3.14 -0.01	44.58 2.68 0.00	43.41 2.50 0.00	41.31 2.19 0.00	41.61 1.98 0.00	37.86 2.01 0.00	36.68 2.59 0.00	39.93 2.79 0.00	40.90 2.99 0.00	42.40 3.39 0.00	47.91 3.91 -0.01	50.87 4.03 -0.01	53.11 4.30 -0.01	58.73 4.80 -0.01	60.45 4.89 0.00	74.20 5.30 0.00	86.83 6.21 0.00	89.97 6.66 0.00	92.26 5.95 0.00	75.05 3.23 0.00	59.18 2.82 0.00	54.77 2.86 0.00	50.33 2.89 0.00
WATKINRD_115KV_LN8_ILLION 55919	47.04 0.47 0.00	42.32 0.46 0.00	42.40 0.50 0.00	41.45 0.53 0.00	39.63 0.51 0.00	40.14 0.52 0.00	36.32 0.47 0.00	34.57 0.48 0.00	37.59 0.45 0.00	38.39 0.49 0.00	39.47 0.47 0.00	44.51 0.53 0.00	47.35 0.52 0.00	49.30 0.49 0.00	54.46 0.54 0.00	56.17 0.61 0.00	69.65 0.76 0.00	81.67 1.05 0.00	84.72 1.42 0.00	87.86 1.55 0.00	73.04 1.22 0.00	57.37 1.01 0.00	52.85 0.93 0.00	48.24 0.81 0.00
WDELAWARE___HYD 323627	48.81 2.24 0.00	43.91 2.05 0.00	43.79 1.89 0.00	42.67 1.76 0.00	40.69 1.57 0.00	41.17 1.54 0.00	37.28 1.44 0.00	35.79 1.70 0.00	38.85 1.71 0.00	39.65 1.74 0.00	40.95 1.95 0.00	46.23 2.24 0.00	49.27 2.43 0.00	51.49 2.68 0.00	56.94 3.02 0.00	58.78 3.22 0.00	72.82 3.92 0.00	85.94 5.32 0.00	89.22 5.92 0.00	91.83 5.53 0.00	75.20 3.38 0.00	58.90 2.54 0.00	54.25 2.34 0.00	49.66 2.23 0.00
WEST BABYLON___IC 23714	55.47 4.89 -4.01	46.39 4.52 -0.02	45.46 3.56 0.00	43.99 3.07 0.00	41.78 2.66 0.00	41.96 2.34 0.00	38.18 2.33 0.00	37.23 3.14 0.00	41.12 3.94 -0.04	52.67 4.17 -10.60	53.27 4.21 -10.05	54.73 4.84 -5.90	62.88 5.01 -11.04	65.32 5.27 -11.24	108.79 5.99 -48.88	99.45 6.17 -37.72	117.31 7.37 -41.05	104.02 8.79 -14.61	93.18 9.50 -0.38	94.67 8.37 0.00	75.76 3.95 0.01	59.56 3.21 0.01	54.92 3.01 0.01	51.23 3.79 0.00
WEST CANADA___HYD 24049	46.76 0.19 0.00	42.02 0.17 0.00	42.07 0.17 0.00	41.08 0.16 0.00	39.28 0.16 0.00	39.78 0.16 0.00	35.96 0.11 0.00	34.23 0.14 0.00	37.21 0.07 0.00	37.98 0.08 0.00	39.08 0.08 0.00	44.12 0.13 0.00	46.93 0.09 0.00	48.91 0.10 0.00	54.09 0.16 0.00	55.73 0.17 0.00	69.10 0.21 0.00	80.94 0.32 0.00	83.80 0.50 0.00	86.82 0.52 0.00	72.04 0.22 0.00	56.59 0.23 0.00	52.07 0.16 0.00	47.58 0.14 0.00
WESTERN_NY_WIND 24143	40.81 -3.87 1.90	37.01 -3.89 0.96	38.28 -3.60 0.02	37.42 -3.48 0.02	35.60 -3.52 0.00	36.37 -3.25 0.01	33.05 -2.80 0.00	31.66 -2.42 0.01	33.75 -3.08 0.31	34.44 -3.45 0.02	35.20 -3.51 0.30	38.29 -3.96 1.74	40.63 -3.93 2.27	41.66 -4.20 2.95	46.74 -3.77 3.41	47.54 -3.94 4.07	52.30 -4.20 12.39	61.34 -4.11 15.16	64.72 -3.58 15.00	67.06 -3.80 15.45	61.64 -3.52 6.66	48.85 -3.21 4.29	45.42 -3.27 3.22	41.52 -3.13 2.78
WESTOVER___LESR 323668	45.91 -0.47 0.20	41.21 -0.54 0.10	41.40 -0.50 0.00	40.47 -0.45 0.00	38.62 -0.51 0.00	39.15 -0.48 0.00	35.38 -0.47 0.00	33.78 -0.31 0.00	36.84 -0.37 -0.07	37.56 -0.34 0.00	38.59 -0.39 0.03	43.46 -0.35 0.17	46.18 -0.42 0.24	48.31 -0.34 0.16	53.24 -0.32 0.36	55.09 -0.06 0.42	69.87 0.14 -0.84	81.96 0.48 -0.86	84.85 1.00 -0.55	87.70 0.86 -0.53	71.29 0.14 0.68	56.11 0.17 0.42	51.47 -0.10 0.33	47.13 -0.14 0.17
WETHRSFD_WT_PWR 323626	39.23 -3.63 3.71	36.44 -3.52 1.90	38.30 -3.52 0.07	37.45 -3.40 0.07	35.92 -3.21 0.00	36.34 -3.25 0.03	32.95 -2.90 0.00	31.50 -2.56 0.03	32.77 -2.90 1.48	34.83 -2.99 0.07	35.11 -3.28 0.62	36.99 -3.52 3.47	38.73 -3.65 4.45	38.03 -3.76 7.02	43.48 -3.78 6.67	43.95 -3.61 8.00	22.91 -4.06 41.92	28.62 -3.87 48.13	33.65 -3.33 46.32	36.60 -3.28 46.42	55.30 -3.37 13.14	44.99 -2.76 8.61	42.53 -3.06 6.32	37.89 -3.08 6.46
WHAVSTOR_138KV_BK127 55557	48.95 2.38 0.00	44.20 2.34 0.00	43.87 1.97 0.00	42.76 1.84 0.00	40.77 1.64 0.00	41.21 1.59 0.00	37.39 1.54 0.00	36.07 1.98 0.00	39.22 2.08 0.00	40.21 2.31 0.00	41.62 2.61 0.00	47.02 3.04 0.00	49.97 3.14 0.00	52.23 3.42 0.00	57.64 3.72 0.00	59.34 3.78 0.00	73.16 4.27 0.00	85.78 5.16 0.00	89.05 5.75 0.00	91.48 5.18 0.00	74.62 2.80 0.00	58.61 2.25 0.00	54.14 2.23 0.00	49.71 2.28 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.95 2.38 0.00	44.20 2.34 0.00	43.87 1.97 0.00	42.76 1.84 0.00	40.77 1.64 0.00	41.21 1.59 0.00	37.39 1.54 0.00	36.07 1.98 0.00	39.22 2.08 0.00	40.21 2.31 0.00	41.62 2.61 0.00	47.02 3.04 0.00	49.97 3.14 0.00	52.23 3.42 0.00	57.64 3.72 0.00	59.34 3.78 0.00	73.16 4.27 0.00	85.78 5.16 0.00	89.05 5.75 0.00	91.48 5.18 0.00	74.62 2.80 0.00	58.61 2.25 0.00	54.14 2.23 0.00	49.71 2.28 0.00
WHITEHAL_115KV_TB1 80871	50.02 3.45 0.00	44.95 3.10 0.00	44.75 2.85 0.00	43.58 2.66 0.00	41.51 2.39 0.00	42.00 2.38 0.00	37.82 1.97 0.00	35.90 1.81 0.00	38.48 1.34 0.00	39.08 1.17 0.00	39.75 0.74 0.00	45.17 1.19 0.00	47.49 0.66 0.00	49.59 0.78 0.00	55.06 1.13 0.00	57.17 1.61 0.00	72.61 3.72 0.00	85.78 5.16 0.00	90.72 7.41 0.00	94.33 8.03 0.00	78.14 6.32 0.00	61.43 5.07 0.00	56.07 4.15 0.00	50.80 3.37 0.00
WHITEPLN_13_KV_LOAD 356215	49.97 3.40 0.00	45.04 3.18 0.00	44.62 2.72 0.00	43.49 2.58 0.00	41.43 2.31 0.00	41.84 2.22 0.00	38.00 2.15 0.00	36.65 2.56 0.00	39.85 2.71 0.00	40.78 2.88 0.00	42.28 3.28 0.00	47.73 3.74 0.00	50.77 3.93 0.00	53.10 4.30 0.00	58.72 4.80 0.00	60.56 5.00 0.00	74.68 5.79 0.00	87.63 7.01 0.00	91.05 7.75 0.00	93.47 7.16 0.00	76.06 4.24 0.00	59.74 3.38 0.00	55.03 3.11 0.00	50.42 2.99 0.00
WM_FLOYD_69_KV_BK2 356380	55.33 4.75 -4.01	46.22 4.35 -0.02	45.25 3.35 0.00	43.78 2.86 0.00	41.55 2.43 0.00	41.69 2.06 0.00	38.00 2.15 0.00	37.09 3.00 0.00	41.04 3.86 -0.04	52.56 4.06 -10.60	53.11 4.06 -10.05	54.66 4.66 -6.01	63.44 4.78 -11.83	65.67 5.08 -11.78	120.17 5.72 -60.53	99.24 5.95 -37.73	120.85 7.10 -44.86	103.78 8.55 -14.62	92.93 9.25 -0.38	94.24 7.94 0.00	75.33 3.52 0.01	59.28 2.93 0.01	54.71 2.80 0.01	51.13 3.70 0.00
WOODARD___115KV_TB2 355635	45.29 -0.93 0.35	40.72 -0.96 0.17	41.10 -0.80 0.00	40.14 -0.78 0.00	38.38 -0.74 0.00	38.91 -0.71 0.00	35.17 -0.68 0.00	33.54 -0.55 0.00	36.36 -0.78 0.00	37.07 -0.83 0.00	38.02 -0.94 0.05	42.67 -1.01 0.31	45.39 -1.03 0.41	47.23 -1.12 0.46	52.17 -1.13 0.62	53.77 -1.06 0.74	66.59 -1.17 1.13	77.96 -1.13 1.53	80.75 -0.92 1.63	83.62 -0.95 1.73	69.61 -1.01 1.20	54.75 -0.85 0.77	50.39 -0.93 0.58	46.09 -0.90 0.44
YORK___WARBASSE 23770	50.17 3.59 -0.01	45.30 3.43 -0.01	44.84 2.93 -0.01	43.66 2.74 0.00	41.51 2.39 0.00	41.73 2.10 0.00	37.96 2.12 0.00	36.78 2.69 0.00	40.07 2.93 0.00	41.09 3.18 0.00	42.59 3.59 0.00	48.22 4.22 -0.02	51.20 4.36 -0.01	53.45 4.64 -0.01	59.05 5.12 -0.01	60.79 5.22 -0.01	74.47 5.58 0.00	87.23 6.61 0.00	90.47 6.39 0.00	92.69 6.39 0.00	75.34 3.52 0.00	59.57 3.21 0.00	55.14 3.22 -0.01	50.67 3.23 -0.01