

# Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										07/08/2024		
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	33.02	29.36	28.12	26.52	26.54	27.23	29.71	34.23	36.44	37.81	41.51	45.04	49.79	56.31	62.07	68.31	88.66	108.70	101.74	80.60	67.92	53.13	43.16	37.38				
		2.95	2.50	2.18	2.03	2.03	2.11	2.58	2.97	3.37	3.62	3.88	4.24	4.53	5.30	5.59	5.75	8.05	9.62	8.45	5.97	4.54	3.71	3.27	2.96				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.72	-0.97	-0.42	0.00	-1.10	0.00	0.00	0.00				
74TH STREET_GT_1	24260	33.07	29.39	28.15	26.54	26.54	27.23	29.68	34.20	36.40	37.92	41.55	44.96	49.70	56.21	61.85	68.25	88.57	108.30	101.37	80.30	67.99	53.13	43.20	37.62				
		3.01	2.53	2.21	2.06	2.03	2.11	2.55	2.94	3.34	3.73	3.91	4.16	4.44	5.20	5.37	5.69	7.97	9.22	8.08	5.67	4.61	3.71	3.31	3.20				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.72	-0.97	-0.42	0.00	-1.10	0.00	0.00	0.00				
74TH STREET_GT_2	24261	33.07	29.39	28.15	26.54	26.54	27.23	29.68	34.20	36.40	37.92	41.55	44.96	49.70	56.21	61.85	68.25	88.57	108.30	101.37	80.30	67.99	53.13	43.20	37.62				
		3.01	2.53	2.21	2.06	2.03	2.11	2.55	2.94	3.34	3.73	3.91	4.16	4.44	5.20	5.37	5.69	7.97	9.22	8.08	5.67	4.61	3.71	3.31	3.20				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.72	-0.97	-0.42	0.00	-1.10	0.00	0.00	0.00				
ADK HUDSON___FALLS	24011	32.02	28.66	27.60	25.98	26.01	26.68	28.84	33.04	34.95	36.31	39.70	43.13	48.16	54.07	59.98	66.94	92.28	109.91	105.50	81.41	80.71	54.11	43.08	37.07				
		1.95	1.80	1.66	1.49	1.50	1.56	1.71	1.78	1.88	2.12	2.07	2.33	2.90	3.06	3.50	4.38	5.68	7.46	8.27	6.79	6.17	4.69	3.19	2.65				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.71	-4.34	-4.36	0.00	-12.27	0.00	0.00	0.00				
ADK RESOURCE___RCVRY	23798	32.23	28.85	27.73	26.10	26.13	26.83	29.00	33.26	35.15	36.48	39.93	43.41	48.53	54.48	60.38	67.45	92.72	110.79	106.42	82.31	81.52	54.71	43.48	37.20				
		2.17	1.99	1.79	1.62	1.62	1.71	1.87	2.00	2.08	2.29	2.30	2.61	3.26	3.47	3.89	4.88	6.31	8.44	9.29	7.69	6.91	5.29	3.59	2.79				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-7.52	-4.24	-4.26	0.00	-12.33	0.00	0.00	0.00				
ADK S GLENS___FALLS	24028	32.02	28.66	27.60	25.98	26.01	26.68	28.84	33.04	34.95	36.31	39.70	43.13	48.16	54.07	59.98	66.94	92.28	109.91	105.50	81.41	80.71	54.11	43.08	37.07				
		1.95	1.80	1.66	1.49	1.50	1.56	1.71	1.78	1.88	2.12	2.07	2.33	2.90	3.06	3.50	4.38	5.68	7.46	8.27	6.79	6.17	4.69	3.19	2.65				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.71	-4.34	-4.36	0.00	-12.27	0.00	0.00	0.00				
ADK_NYS___DAM	23527	31.72	28.42	27.45	25.90	25.93	26.55	28.65	32.82	34.75	35.93	39.51	42.96	47.80	54.02	59.87	66.63	95.67	110.98	105.59	79.33	75.00	52.43	42.12	36.07				
		1.65	1.56	1.50	1.42	1.42	1.43	1.52	1.56	1.69	1.74	1.88	2.16	2.53	3.01	3.39	4.06	5.44	6.47	6.22	4.70	3.86	3.01	2.23	1.65				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-11.35	-6.39	-6.49	0.00	-8.86	0.00	0.00	0.00				
AIR_PRODUCTS___DRP	24190	30.70	27.46	26.59	25.12	25.15	25.72	27.70	31.76	33.56	34.84	38.23	41.49	45.81	51.67	57.22	63.56	62.50	89.66	86.81	75.59	69.68	50.21	40.64	35.17				
		0.63	0.59	0.65	0.64	0.64	0.60	0.57	0.50	0.50	0.65	0.60	0.69	0.54	0.66	0.73	1.00	1.58	1.67	1.67	0.97	0.93	0.79	0.76	0.76				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.96	10.12	7.74	0.00	-6.46	0.00	0.00	0.00				
AKWESSNE_115KV_BK	355683	29.32	26.19	25.35	23.90	23.95	24.52	26.51	30.66	32.50	33.30	36.77	39.90	44.00	49.37	54.73	60.31	60.38	94.57	89.52	72.09	60.22	47.84	38.77	33.42				
		-0.75	-0.67	-0.60	-0.59	-0.56	-0.60	-0.62	-0.59	-0.56	-0.89	-0.87	-0.90	-1.27	-1.63	-1.75	-2.25	-2.76	-3.53	-3.34	-2.54	-2.06	-1.58	-1.12	-1.00				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.75	0.01	0.01	0.00	0.00	0.00	0.00	0.00				
ALBANY_1_SOLAR	323833	31.39	28.10	27.19	25.66	25.69	26.28	28.27	32.29	33.96	35.05	38.42	41.70	45.27	51.06	56.65	62.98	62.98	90.05	87.23	76.04	68.51	50.56	41.64	35.83				
		1.32	1.24	1.25	1.18	1.18	1.16	1.14	1.03	0.89	0.86	0.79	0.90	0.00	0.05	0.17	0.44	1.19	1.56	1.95	1.41	1.37	1.14	1.75	1.41				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	17.09	9.63	7.60	0.00	-4.86	0.00	0.00	0.00				
ALBANY_2_SOLAR	323834	31.39	28.10	27.19	25.66	25.69	26.28	28.27	32.26	33.96	35.05	38.42	41.66	45.27	51.06	56.59	62.98	62.93	90.06	87.15	75.97	68.51	50.56	41.64	35.83				
		1.32	1.24	1.25	1.18	1.18	1.16	1.14	1.00	0.89	0.86	0.79	0.86	0.00	0.05	0.11	0.44	1.10	1.56	1.86	1.34	1.37	1.14	1.75	1.41				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	17.06	9.61	7.58	0.00	-4.86	0.00	0.00	0.00				
ALBANY___1	23571	30.70	27.46	26.59	25.12	25.15	25.72	27.70	31.76	33.56	34.84	38.23	41.49	45.81	51.67	57.22	63.56	62.50	89.66	86.81	75.59	69.68	50.21	40.64	35.17				
		0.63	0.59	0.65	0.64	0.64	0.60	0.57	0.50	0.50	0.65	0.60	0.69	0.54	0.66	0.73	1.00	1.58	1.67	1.67	0.97	0.93	0.79	0.76	0.76				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.96	10.12	7.74	0.00	-6.46	0.00	0.00	0.00				

ALBANY___2 23572	30.70 0.63 0.00	27.46 0.59 0.00	26.59 0.65 0.00	25.12 0.64 0.00	25.15 0.64 0.00	25.72 0.60 0.00	27.70 0.57 0.00	31.76 0.50 0.00	33.56 0.50 0.00	34.84 0.65 0.00	38.23 0.60 0.00	41.49 0.69 0.00	45.81 0.54 0.00	51.67 0.66 0.00	57.22 0.73 0.00	63.56 1.00 0.00	62.50 1.58 17.96	89.66 1.67 10.12	86.81 1.67 7.74	75.59 0.97 0.00	69.68 0.93 -6.46	50.21 0.79 0.00	40.64 0.76 0.00	35.17 0.76 0.00
ALBANY___3 23573	30.70 0.63 0.00	27.46 0.59 0.00	26.59 0.65 0.00	25.12 0.64 0.00	25.15 0.64 0.00	25.72 0.60 0.00	27.70 0.57 0.00	31.76 0.50 0.00	33.56 0.50 0.00	34.84 0.65 0.00	38.23 0.60 0.00	41.49 0.69 0.00	45.81 0.54 0.00	51.67 0.66 0.00	57.22 0.73 0.00	63.56 1.00 0.00	62.50 1.58 17.96	89.66 1.67 10.12	86.81 1.67 7.74	75.59 0.97 0.00	69.68 0.93 -6.46	50.21 0.79 0.00	40.64 0.76 0.00	35.17 0.76 0.00
ALBANY___4 23574	30.70 0.63 0.00	27.46 0.59 0.00	26.59 0.65 0.00	25.12 0.64 0.00	25.15 0.64 0.00	25.72 0.60 0.00	27.70 0.57 0.00	31.76 0.50 0.00	33.56 0.50 0.00	34.84 0.65 0.00	38.23 0.60 0.00	41.49 0.69 0.00	45.81 0.54 0.00	51.67 0.66 0.00	57.22 0.73 0.00	63.56 1.00 0.00	62.50 1.58 17.96	89.66 1.67 10.12	86.81 1.67 7.74	75.59 0.97 0.00	69.68 0.93 -6.46	50.21 0.79 0.00	40.64 0.76 0.00	35.17 0.76 0.00
ALBANY___LFGE 323615	31.06 0.99 0.00	27.78 0.91 0.00	26.88 0.93 0.00	25.37 0.88 0.00	25.39 0.88 0.00	26.00 0.88 0.00	28.00 0.87 0.00	32.10 0.84 0.00	33.92 0.86 0.00	35.18 0.99 0.00	38.68 1.05 0.00	42.02 1.22 0.00	46.49 1.22 0.00	52.43 1.43 0.00	58.12 1.64 0.00	64.56 2.00 0.00	83.33 2.76 -1.68	102.29 3.23 -0.95	97.70 3.16 -1.67	76.86 2.24 0.00	72.44 1.99 -8.17	51.00 1.58 0.00	41.20 1.31 0.00	35.45 1.03 0.00
ALCOA_PA_115KV_PL-6C 55860	29.26 -0.81 0.00	26.14 -0.73 0.00	25.30 -0.65 0.00	23.85 -0.64 0.00	23.90 -0.61 0.00	24.47 -0.65 0.00	26.45 -0.68 0.00	30.60 -0.66 0.00	32.40 -0.66 0.00	33.23 -0.96 0.00	36.65 -0.98 0.00	39.78 -1.02 0.00	43.91 -1.36 0.00	49.22 -1.79 0.00	54.56 -1.92 0.00	60.06 -2.50 0.00	60.49 -3.16 15.24	94.18 -3.92 0.01	89.06 -3.81 0.01	71.86 -2.76 0.00	60.16 -2.12 0.00	47.74 -1.68 0.00	38.65 -1.24 0.00	33.31 -1.10 0.00
ALCOA_RYNLDS___DRP 24188	29.26 -0.81 0.00	26.14 -0.73 0.00	25.30 -0.65 0.00	23.85 -0.64 0.00	23.90 -0.61 0.00	24.47 -0.65 0.00	26.45 -0.68 0.00	30.60 -0.66 0.00	32.40 -0.66 0.00	33.23 -0.96 0.00	36.65 -0.98 0.00	39.78 -1.02 0.00	43.91 -1.36 0.00	49.22 -1.79 0.00	54.56 -1.92 0.00	60.06 -2.50 0.00	60.49 -3.16 15.24	94.18 -3.92 0.01	89.06 -3.81 0.01	71.86 -2.76 0.00	60.16 -2.12 0.00	47.74 -1.68 0.00	38.65 -1.24 0.00	33.31 -1.10 0.00
ALCOA___DSASP 323711	29.20 -0.87 0.00	26.14 -0.72 0.00	25.30 -0.65 0.00	23.85 -0.64 0.00	23.90 -0.61 0.00	24.47 -0.65 0.00	26.45 -0.68 0.00	30.60 -0.66 0.00	32.40 -0.66 0.00	33.20 -0.99 0.00	36.65 -0.98 0.00	39.78 -1.02 0.00	43.91 -1.36 0.00	49.22 -1.79 0.00	54.56 -1.92 0.00	60.05 -2.50 0.00	60.49 -3.16 15.24	94.18 -3.93 0.01	89.05 -3.81 0.01	71.86 -2.76 0.00	60.16 -2.12 0.00	47.74 -1.68 0.00	38.65 -1.24 0.00	33.25 -1.17 0.00
ALLEGHENY___COGEN 23514	31.51 1.44 0.00	28.07 1.21 0.00	27.03 1.09 0.00	25.27 0.78 0.00	25.24 0.73 0.00	26.23 1.10 0.00	28.30 1.17 0.00	32.26 1.00 0.00	33.33 0.26 0.00	35.12 0.92 0.00	36.77 -0.86 0.00	39.62 -1.18 0.00	44.41 -0.86 0.00	46.62 -4.39 0.00	52.08 -4.41 0.00	58.18 -4.38 0.00	72.65 -6.23 0.00	90.95 -7.16 0.00	88.14 -4.73 0.00	73.05 -1.57 0.00	62.03 -0.25 0.00	52.53 3.12 0.00	41.88 1.99 0.00	36.45 2.03 0.00
ALTAMONT_115KV_TB 2 55880	31.06 0.99 0.00	27.75 0.89 0.00	26.85 0.91 0.00	25.34 0.86 0.00	25.37 0.86 0.00	25.98 0.85 0.00	28.00 0.87 0.00	32.13 0.88 0.00	33.99 0.93 0.00	35.25 1.06 0.00	38.72 1.09 0.00	41.98 1.18 0.00	46.40 1.13 0.00	52.38 1.38 0.00	57.95 1.47 0.00	64.31 1.75 0.00	71.62 2.45 9.72	95.48 2.85 5.47	91.51 2.79 4.15	76.64 2.01 0.00	69.27 1.81 -5.19	50.90 1.48 0.00	41.16 1.28 0.00	35.59 1.17 0.00
ALTONA_WT_PWR 323606	29.59 -0.48 0.00	26.46 -0.40 0.00	25.63 -0.31 0.00	24.17 -0.32 0.00	24.24 -0.27 0.00	24.87 -0.25 0.00	26.91 -0.22 0.00	31.23 -0.03 0.00	33.13 0.07 0.00	33.99 -0.20 0.00	37.52 -0.11 0.00	40.68 -0.12 0.00	44.09 -1.18 0.00	48.71 -2.29 0.00	54.00 -2.48 0.00	59.30 -3.26 0.00	59.15 -3.94 15.80	93.20 -4.90 0.01	88.32 -4.55 0.01	71.34 -3.28 0.00	59.78 -2.49 0.00	47.79 -1.63 0.00	39.45 -0.44 0.00	33.90 -0.52 0.00
AMERICAN_REF_FUEL 24010	29.32 -0.75 0.00	26.14 -0.72 0.00	25.25 -0.70 0.00	23.55 -0.93 0.00	23.50 -1.01 0.00	24.52 -0.60 0.00	26.34 -0.79 0.00	29.88 -1.37 0.00	31.21 -1.85 0.00	33.54 -0.65 0.00	36.62 -1.01 0.00	39.58 -1.22 0.00	44.50 -0.77 0.00	49.93 -1.07 0.00	55.29 -1.19 0.00	61.49 -1.06 0.00	75.34 -3.55 0.00	94.48 -3.63 0.00	89.99 -2.88 0.00	74.62 0.00 0.00	62.28 0.00 0.00	49.08 -0.34 0.00	39.37 -0.52 0.00	34.96 0.55 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.79 0.72 0.00	27.43 0.57 0.00	26.44 0.49 0.00	24.70 0.22 0.00	24.68 0.17 0.00	25.72 0.60 0.00	27.89 0.76 0.00	31.88 0.62 0.00	33.39 0.33 0.00	35.87 1.67 0.00	39.25 1.62 0.00	42.47 1.67 0.00	47.89 2.62 0.00	53.91 2.91 0.00	59.70 3.22 0.00	66.50 3.94 0.00	81.72 2.84 0.00	102.14 4.02 0.00	97.42 4.55 0.00	80.52 5.89 0.00	66.95 4.67 0.00	52.63 3.21 0.00	42.00 2.11 0.00	37.03 2.61 0.00
ARTHUR KILL_GT_1 23520	33.08 2.95 -0.06	29.40 2.52 -0.01	28.18 2.23 -0.01	26.52 2.03 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.44 2.30 0.00	33.90 2.66 0.01	36.16 3.11 0.01	37.33 3.39 0.25	39.71 3.73 1.65	39.67 3.71 4.85	40.33 3.98 8.92	40.38 4.74 15.37	40.70 4.69 20.47	42.47 5.13 25.22	62.21 7.34 24.01	79.55 8.24 26.81	72.84 7.25 27.29	51.56 4.85 27.91	42.19 4.11 24.19	39.59 3.17 12.99	38.63 2.95 4.21	37.30 2.89 0.01
ARTHUR_KILL_2 23512	32.93 2.80 -0.06	29.26 2.39 -0.01	28.08 2.13 -0.01	26.44 1.96 0.00	26.42 1.91 0.00	26.95 1.83 0.00	29.36 2.23 0.00	33.81 2.56 0.01	36.06 3.01 0.01	37.19 3.25 0.25	39.56 3.58 1.65	39.50 3.55 4.85	40.10 3.76 8.92	40.13 4.49 15.37	40.47 4.46 20.47	42.16 4.82 25.22	61.82 6.94 24.01	79.06 7.75 26.81	72.28 6.69 27.29	51.19 4.48 27.91	41.82 3.74 24.19	39.34 2.92 12.99	38.47 2.79 4.21	37.16 2.75 0.01
ARTHUR_KILL_3 23513	32.77 2.65 -0.05	29.04 2.18 0.00	27.81 1.87 0.00	26.20 1.71 0.00	26.23 1.72 0.00	26.91 1.78 0.00	29.33 2.20 0.00	33.82 2.56 0.00	35.94 2.88 0.00	37.03 3.08 0.24	39.30 3.31 1.64	39.47 3.51 4.84	39.98 3.62 8.91	39.98 4.33 15.36	40.48 4.46 20.46	41.98 4.63 25.21	61.51 6.63 24.01	78.97 7.66 26.80	72.19 6.59 27.28	51.20 4.48 27.90	41.64 3.55 24.19	39.30 2.87 12.98	38.36 2.67 4.20	36.89 2.48 0.00

ARTHUR_KILL_COGEN 323718	33.08 2.95 -0.06	29.40 2.52 -0.01	28.18 2.23 -0.01	26.52 2.03 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.44 2.30 0.00	33.90 2.66 0.01	36.16 3.11 0.01	37.33 3.39 0.25	39.71 3.73 1.65	39.67 3.71 4.85	40.33 3.98 8.92	40.38 4.74 15.37	40.70 4.69 20.47	42.47 5.13 25.22	62.21 7.34 24.01	79.55 8.24 26.81	72.84 7.25 27.29	51.56 4.85 27.91	42.19 4.11 24.19	39.59 3.17 12.99	38.63 2.95 4.21	37.30 2.89 0.01
ASHOKAN____ 23654	32.20 2.14 0.00	28.66 1.80 0.00	27.66 1.71 0.00	26.08 1.59 0.00	26.06 1.55 0.00	26.63 1.51 0.00	28.73 1.60 0.00	32.29 1.03 0.00	34.05 0.99 0.00	35.39 1.20 0.00	38.91 1.28 0.00	42.19 1.39 0.00	47.08 1.81 0.00	53.15 2.14 0.00	58.96 2.48 0.00	65.67 3.13 0.01	74.21 6.79 11.46	100.49 8.83 6.46	96.55 8.92 5.24	79.85 5.22 0.00	68.37 2.68 -3.42	52.68 3.26 0.00	42.52 2.63 0.00	36.55 2.13 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.93 2.86 -0.01	29.34 2.47 -0.01	28.16 2.20 -0.01	26.52 2.03 0.00	26.52 2.01 0.00	27.01 1.89 0.00	29.41 2.28 0.00	33.84 2.59 0.01	36.09 3.04 0.01	37.47 3.28 0.01	41.16 3.54 0.01	44.38 3.59 0.01	49.01 3.76 0.01	55.43 4.44 0.01	60.88 4.41 0.01	67.25 4.69 0.01	87.30 6.70 -1.71	106.63 7.56 -0.96	99.69 6.40 -0.41	78.94 4.33 0.01	66.86 3.49 -1.09	52.18 2.77 0.01	42.51 2.63 0.01	37.31 2.89 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.93 2.86 -0.01	29.34 2.47 -0.01	28.16 2.20 -0.01	26.52 2.03 0.00	26.52 2.01 0.00	27.01 1.89 0.00	29.41 2.28 0.00	33.84 2.59 0.01	36.09 3.04 0.01	37.47 3.28 0.01	41.16 3.54 0.01	44.38 3.59 0.01	49.01 3.76 0.01	55.43 4.44 0.01	60.88 4.41 0.01	67.25 4.69 0.01	87.30 6.70 -1.71	106.63 7.56 -0.96	99.69 6.40 -0.41	78.94 4.33 0.01	66.86 3.49 -1.09	52.18 2.77 0.01	42.51 2.63 0.01	37.31 2.89 0.00
ASTORIA_GT2_1 24094	32.93 2.86 -0.01	29.37 2.50 -0.01	28.18 2.23 -0.01	26.54 2.06 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.88 2.63 0.00	36.10 3.04 0.00	37.60 3.42 0.01	41.20 3.58 0.01	44.43 3.63 0.00	49.02 3.76 0.00	55.50 4.49 0.00	60.89 4.41 0.00	67.31 4.75 0.00	87.39 6.78 -1.72	106.64 7.55 -0.97	99.79 6.50 -0.42	78.95 4.33 0.00	67.23 3.86 -1.09	52.24 2.82 0.00	42.56 2.67 0.00	37.55 3.13 0.00
ASTORIA_GT2_2 24095	32.93 2.86 -0.01	29.37 2.50 -0.01	28.18 2.23 -0.01	26.54 2.06 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.88 2.63 0.00	36.10 3.04 0.00	37.60 3.42 0.01	41.20 3.58 0.01	44.43 3.63 0.00	49.02 3.76 0.00	55.50 4.49 0.00	60.89 4.41 0.00	67.31 4.75 0.00	87.39 6.78 -1.72	106.64 7.55 -0.97	99.79 6.50 -0.42	78.95 4.33 0.00	67.23 3.86 -1.09	52.24 2.82 0.00	42.56 2.67 0.00	37.55 3.13 0.00
ASTORIA_GT2_3 24096	32.93 2.86 -0.01	29.37 2.50 -0.01	28.18 2.23 -0.01	26.54 2.06 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.88 2.63 0.00	36.10 3.04 0.00	37.60 3.42 0.01	41.20 3.58 0.01	44.43 3.63 0.00	49.02 3.76 0.00	55.50 4.49 0.00	60.89 4.41 0.00	67.31 4.75 0.00	87.39 6.78 -1.72	106.64 7.55 -0.97	99.79 6.50 -0.42	78.95 4.33 0.00	67.23 3.86 -1.09	52.24 2.82 0.00	42.56 2.67 0.00	37.55 3.13 0.00
ASTORIA_GT2_4 24097	32.93 2.86 -0.01	29.37 2.50 -0.01	28.18 2.23 -0.01	26.54 2.06 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.88 2.63 0.00	36.10 3.04 0.00	37.60 3.42 0.01	41.20 3.58 0.01	44.43 3.63 0.00	49.02 3.76 0.00	55.50 4.49 0.00	60.89 4.41 0.00	67.31 4.75 0.00	87.39 6.78 -1.72	106.64 7.55 -0.97	99.79 6.50 -0.42	78.95 4.33 0.00	67.23 3.86 -1.09	52.24 2.82 0.00	42.56 2.67 0.00	37.55 3.13 0.00
ASTORIA_GT3_1 24098	32.93 2.86 -0.01	29.37 2.50 -0.01	28.18 2.23 -0.01	26.54 2.06 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.88 2.63 0.00	36.10 3.04 0.00	37.60 3.42 0.01	41.20 3.58 0.01	44.43 3.63 0.00	49.02 3.76 0.00	55.50 4.49 0.00	60.89 4.41 0.00	67.31 4.75 0.00	87.39 6.78 -1.72	106.64 7.55 -0.97	99.79 6.50 -0.42	78.95 4.33 0.00	67.23 3.86 -1.09	52.24 2.82 0.00	42.56 2.67 0.00	37.55 3.13 0.00
ASTORIA_GT3_2 24099	32.93 2.86 -0.01	29.37 2.50 -0.01	28.18 2.23 -0.01	26.54 2.06 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.88 2.63 0.00	36.10 3.04 0.00	37.60 3.42 0.01	41.20 3.58 0.01	44.43 3.63 0.00	49.02 3.76 0.00	55.50 4.49 0.00	60.89 4.41 0.00	67.31 4.75 0.00	87.39 6.78 -1.72	106.64 7.55 -0.97	99.79 6.50 -0.42	78.95 4.33 0.00	67.23 3.86 -1.09	52.24 2.82 0.00	42.56 2.67 0.00	37.55 3.13 0.00
ASTORIA_GT3_3 24100	32.93 2.86 -0.01	29.37 2.50 -0.01	28.18 2.23 -0.01	26.54 2.06 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.88 2.63 0.00	36.10 3.04 0.00	37.60 3.42 0.01	41.20 3.58 0.01	44.43 3.63 0.00	49.02 3.76 0.00	55.50 4.49 0.00	60.89 4.41 0.00	67.31 4.75 0.00	87.39 6.78 -1.72	106.64 7.55 -0.97	99.79 6.50 -0.42	78.95 4.33 0.00	67.23 3.86 -1.09	52.24 2.82 0.00	42.56 2.67 0.00	37.55 3.13 0.00
ASTORIA_GT3_4 24101	32.93 2.86 -0.01	29.37 2.50 -0.01	28.18 2.23 -0.01	26.54 2.06 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.88 2.63 0.00	36.10 3.04 0.00	37.60 3.42 0.01	41.20 3.58 0.01	44.43 3.63 0.00	49.02 3.76 0.00	55.50 4.49 0.00	60.89 4.41 0.00	67.31 4.75 0.00	87.39 6.78 -1.72	106.64 7.55 -0.97	99.79 6.50 -0.42	78.95 4.33 0.00	67.23 3.86 -1.09	52.24 2.82 0.00	42.56 2.67 0.00	37.55 3.13 0.00
ASTORIA_GT4_1 24102	32.93 2.86 -0.01	29.37 2.50 -0.01	28.18 2.23 -0.01	26.54 2.06 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.88 2.63 0.00	36.10 3.04 0.00	37.60 3.42 0.01	41.20 3.58 0.01	44.43 3.63 0.00	49.02 3.76 0.00	55.50 4.49 0.00	60.89 4.41 0.00	67.31 4.75 0.00	87.39 6.78 -1.72	106.64 7.55 -0.97	99.79 6.50 -0.42	78.95 4.33 0.00	67.23 3.86 -1.09	52.24 2.82 0.00	42.56 2.67 0.00	37.55 3.13 0.00
ASTORIA_GT4_2 24103	32.93 2.86 -0.01	29.37 2.50 -0.01	28.18 2.23 -0.01	26.54 2.06 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.88 2.63 0.00	36.10 3.04 0.00	37.60 3.42 0.01	41.20 3.58 0.01	44.43 3.63 0.00	49.02 3.76 0.00	55.50 4.49 0.00	60.89 4.41 0.00	67.31 4.75 0.00	87.39 6.78 -1.72	106.64 7.55 -0.97	99.79 6.50 -0.42	78.95 4.33 0.00	67.23 3.86 -1.09	52.24 2.82 0.00	42.56 2.67 0.00	37.55 3.13 0.00
ASTORIA_GT4_3 24104	32.93 2.86 -0.01	29.37 2.50 -0.01	28.18 2.23 -0.01	26.54 2.06 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.88 2.63 0.00	36.10 3.04 0.00	37.60 3.42 0.01	41.20 3.58 0.01	44.43 3.63 0.00	49.02 3.76 0.00	55.50 4.49 0.00	60.89 4.41 0.00	67.31 4.75 0.00	87.39 6.78 -1.72	106.64 7.55 -0.97	99.79 6.50 -0.42	78.95 4.33 0.00	67.23 3.86 -1.09	52.24 2.82 0.00	42.56 2.67 0.00	37.55 3.13 0.00

ASTORIA_GT4_4 24105	32.93 2.86 -0.01	29.37 2.50 -0.01	28.18 2.23 -0.01	26.54 2.06 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.88 2.63 0.00	36.10 3.04 0.00	37.60 3.42 0.01	41.20 3.58 0.01	44.43 3.63 0.00	49.02 3.76 0.00	55.50 4.49 0.00	60.89 4.41 0.00	67.31 4.75 0.00	87.39 6.78 -1.72	106.64 7.55 -0.97	99.79 6.50 -0.42	78.95 4.33 0.00	67.23 3.86 -1.09	52.24 2.82 0.00	42.56 2.67 0.00	37.55 3.13 0.00
ASTORIA_GT_1 23523	33.02 2.95 -0.01	29.43 2.55 -0.01	28.24 2.28 -0.01	26.59 2.11 0.00	26.57 2.06 0.00	27.08 1.96 0.00	29.49 2.36 0.00	33.94 2.69 0.01	36.20 3.14 0.01	37.57 3.39 0.01	41.31 3.69 0.01	44.54 3.75 0.01	49.19 3.94 0.01	55.64 4.64 0.01	61.05 4.57 0.01	67.43 4.88 0.01	87.62 7.02 -1.71	106.93 7.85 -0.96	100.06 6.78 -0.41	79.17 4.55 0.01	67.11 3.74 -1.09	52.38 2.96 0.01	42.63 2.75 0.01	37.44 3.03 0.00
ASTORIA_GT_10 24110	32.93 2.86 -0.01	29.29 2.42 -0.01	28.05 2.10 -0.01	26.44 1.96 0.00	26.45 1.94 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.98 2.72 0.00	36.17 3.11 0.00	39.32 3.49 -1.64	41.83 3.65 -0.54	44.51 3.71 0.00	49.11 3.85 0.00	55.55 4.54 0.00	61.00 4.52 0.00	67.38 4.82 0.00	87.47 6.86 -1.72	106.83 7.75 -0.97	99.98 6.69 -0.42	79.03 4.40 0.00	67.11 3.74 -1.09	52.38 2.97 0.00	42.72 2.83 0.00	37.44 3.03 0.00
ASTORIA_GT_11 24225	32.93 2.86 -0.01	29.29 2.42 -0.01	28.05 2.10 -0.01	26.44 1.96 0.00	26.45 1.94 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.98 2.72 0.00	36.17 3.11 0.00	39.32 3.49 -1.64	41.83 3.65 -0.54	44.51 3.71 0.00	49.11 3.85 0.00	55.55 4.54 0.00	61.00 4.52 0.00	67.38 4.82 0.00	87.47 6.86 -1.72	106.83 7.75 -0.97	99.98 6.69 -0.42	79.03 4.40 0.00	67.11 3.74 -1.09	52.38 2.97 0.00	42.72 2.83 0.00	37.44 3.03 0.00
ASTORIA_GT_12 24226	32.93 2.86 -0.01	29.29 2.42 -0.01	28.05 2.10 -0.01	26.44 1.96 0.00	26.45 1.94 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.98 2.72 0.00	36.17 3.11 0.00	39.32 3.49 -1.64	41.83 3.65 -0.54	44.51 3.71 0.00	49.11 3.85 0.00	55.55 4.54 0.00	61.00 4.52 0.00	67.38 4.82 0.00	87.47 6.86 -1.72	106.83 7.75 -0.97	99.98 6.69 -0.42	79.03 4.40 0.00	67.11 3.74 -1.09	52.38 2.97 0.00	42.72 2.83 0.00	37.44 3.03 0.00
ASTORIA_GT_13 24227	32.93 2.86 -0.01	29.29 2.42 -0.01	28.05 2.10 -0.01	26.44 1.96 0.00	26.45 1.94 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.98 2.72 0.00	36.17 3.11 0.00	39.32 3.49 -1.64	41.83 3.65 -0.54	44.51 3.71 0.00	49.11 3.85 0.00	55.55 4.54 0.00	61.00 4.52 0.00	67.38 4.82 0.00	87.47 6.86 -1.72	106.83 7.75 -0.97	99.98 6.69 -0.42	79.03 4.40 0.00	67.11 3.74 -1.09	52.38 2.97 0.00	42.72 2.83 0.00	37.44 3.03 0.00
ASTORIA_GT_5 24106	32.99 2.92 -0.01	29.42 2.55 -0.01	28.24 2.28 -0.01	26.59 2.11 0.00	26.57 2.06 0.00	27.08 1.96 0.00	29.49 2.36 0.00	33.94 2.69 0.00	36.20 3.14 0.00	37.71 3.52 0.01	41.31 3.69 0.01	44.55 3.75 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.06 4.58 0.00	67.50 4.94 0.00	87.63 7.02 -1.72	106.93 7.85 -0.97	100.07 6.78 -0.42	79.18 4.55 0.00	67.42 4.05 -1.09	52.38 2.97 0.00	42.68 2.79 0.00	37.65 3.24 0.00
ASTORIA_GT_7 24107	32.99 2.92 -0.01	29.42 2.55 -0.01	28.24 2.28 -0.01	26.59 2.11 0.00	26.57 2.06 0.00	27.08 1.96 0.00	29.49 2.36 0.00	33.94 2.69 0.00	36.20 3.14 0.00	37.71 3.52 0.01	41.31 3.69 0.01	44.55 3.75 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.06 4.58 0.00	67.50 4.94 0.00	87.63 7.02 -1.72	106.93 7.85 -0.97	100.07 6.78 -0.42	79.18 4.55 0.00	67.42 4.05 -1.09	52.38 2.97 0.00	42.68 2.79 0.00	37.65 3.24 0.00
ASTORIA_GT_8 24108	32.99 2.92 -0.01	29.42 2.55 -0.01	28.24 2.28 -0.01	26.59 2.11 0.00	26.57 2.06 0.00	27.08 1.96 0.00	29.49 2.36 0.00	33.94 2.69 0.00	36.20 3.14 0.00	37.71 3.52 0.01	41.31 3.69 0.01	44.55 3.75 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.06 4.58 0.00	67.50 4.94 0.00	87.63 7.02 -1.72	106.93 7.85 -0.97	100.07 6.78 -0.42	79.18 4.55 0.00	67.42 4.05 -1.09	52.38 2.97 0.00	42.68 2.79 0.00	37.65 3.24 0.00
ASTORIA___2 24149	32.96 2.89 -0.01	29.37 2.50 -0.01	28.18 2.23 -0.01	26.54 2.06 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.87 2.63 0.01	36.09 3.04 0.01	37.47 3.28 0.01	41.20 3.58 0.01	44.42 3.63 0.01	49.06 3.80 0.01	55.49 4.49 0.01	60.88 4.41 0.01	67.25 4.69 0.01	87.30 6.70 -1.71	106.63 7.56 -0.96	99.78 6.50 -0.41	78.94 4.33 0.01	66.92 3.55 -1.09	52.23 2.82 0.01	42.55 2.67 0.01	37.34 2.92 0.00
ASTORIA___3 23516	32.96 2.89 -0.01	29.29 2.42 -0.01	28.05 2.10 -0.01	26.44 1.96 0.00	26.45 1.94 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.97 2.72 0.00	36.17 3.11 0.00	39.19 3.35 -1.64	41.82 3.65 -0.54	44.51 3.71 0.00	49.11 3.85 0.00	55.54 4.54 0.00	61.00 4.52 0.00	67.38 4.82 0.00	87.47 6.86 -1.72	106.83 7.75 -0.97	99.98 6.69 -0.42	79.10 4.48 0.00	67.04 3.67 -1.09	52.33 2.92 0.00	42.68 2.79 0.00	37.24 2.82 0.00
ASTORIA___4 23517	32.93 2.86 -0.01	29.29 2.42 -0.01	28.05 2.10 -0.01	26.44 1.96 0.00	26.45 1.94 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.98 2.72 0.00	36.17 3.11 0.00	39.32 3.49 -1.64	41.83 3.65 -0.54	44.51 3.71 0.00	49.11 3.85 0.00	55.55 4.54 0.00	61.00 4.52 0.00	67.38 4.82 0.00	87.47 6.86 -1.72	106.83 7.75 -0.97	99.98 6.69 -0.42	79.03 4.40 0.00	67.11 3.74 -1.09	52.38 2.97 0.00	42.72 2.83 0.00	37.44 3.03 0.00
ASTORIA___5 23518	32.96 2.89 -0.01	29.29 2.42 -0.01	28.05 2.10 -0.01	26.44 1.96 0.00	26.45 1.94 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.97 2.72 0.00	36.17 3.11 0.00	39.19 3.35 -1.64	41.82 3.65 -0.54	44.51 3.71 0.00	49.11 3.85 0.00	55.54 4.54 0.00	61.00 4.52 0.00	67.38 4.82 0.00	87.47 6.86 -1.72	106.83 7.75 -0.97	99.98 6.69 -0.42	79.10 4.48 0.00	67.04 3.67 -1.09	52.33 2.92 0.00	42.68 2.79 0.00	37.24 2.82 0.00
AST_ENERGY_2_CC3 323677	32.78 2.71 0.00	29.12 2.26 0.00	27.89 1.95 0.00	26.30 1.81 0.00	26.30 1.79 0.00	26.98 1.86 0.00	29.41 2.28 0.00	33.88 2.63 0.00	36.04 2.98 0.00	37.41 3.21 0.00	41.09 3.46 0.00	44.47 3.67 0.00	49.11 3.85 0.00	55.60 4.59 0.00	61.23 4.75 0.00	67.50 4.94 0.00	87.62 7.02 -1.72	107.22 8.14 -0.97	100.35 7.05 -0.42	79.47 4.85 0.00	67.24 3.86 -1.10	52.53 3.12 0.00	42.76 2.87 0.00	37.03 2.61 0.00
AST_ENERGY_2_CC4 323678	32.78 2.71 0.00	29.12 2.26 0.00	27.89 1.95 0.00	26.30 1.81 0.00	26.30 1.79 0.00	26.98 1.86 0.00	29.41 2.28 0.00	33.88 2.63 0.00	36.04 2.98 0.00	37.41 3.21 0.00	41.09 3.46 0.00	44.47 3.67 0.00	49.11 3.85 0.00	55.60 4.59 0.00	61.23 4.75 0.00	67.50 4.94 0.00	87.62 7.02 -1.72	107.22 8.14 -0.97	100.35 7.05 -0.42	79.47 4.85 0.00	67.24 3.86 -1.10	52.53 3.12 0.00	42.76 2.87 0.00	37.03 2.61 0.00

ATHENS_STG_1 23668	31.30 1.23 0.00	27.94 1.08 0.00	26.98 1.04 0.00	25.49 1.00 0.00	25.52 1.01 0.00	26.13 1.01 0.00	28.19 1.06 0.00	32.38 1.12 0.00	34.32 1.26 0.00	35.59 1.40 0.00	39.14 1.51 0.00	42.39 1.59 0.00	46.99 1.72 0.00	53.05 2.04 0.00	58.63 2.15 0.00	64.94 2.38 0.00	82.12 3.24 0.00	101.84 3.73 0.00	96.31 3.44 0.00	76.94 2.32 0.00	65.13 1.99 -0.86	51.05 1.63 0.00	41.28 1.40 0.00	35.65 1.24 0.00
ATHENS_STG_2 23670	31.30 1.23 0.00	27.94 1.08 0.00	26.98 1.04 0.00	25.49 1.00 0.00	25.52 1.01 0.00	26.13 1.01 0.00	28.19 1.06 0.00	32.38 1.12 0.00	34.32 1.26 0.00	35.59 1.40 0.00	39.14 1.51 0.00	42.39 1.59 0.00	46.99 1.72 0.00	53.05 2.04 0.00	58.63 2.15 0.00	64.94 2.38 0.00	82.12 3.24 0.00	101.84 3.73 0.00	96.31 3.44 0.00	76.94 2.32 0.00	65.13 1.99 -0.86	51.05 1.63 0.00	41.28 1.40 0.00	35.65 1.24 0.00
ATHENS_STG_3 23677	31.30 1.23 0.00	27.94 1.08 0.00	26.98 1.04 0.00	25.49 1.00 0.00	25.52 1.01 0.00	26.13 1.01 0.00	28.19 1.06 0.00	32.38 1.12 0.00	34.32 1.26 0.00	35.59 1.40 0.00	39.14 1.51 0.00	42.39 1.59 0.00	46.99 1.72 0.00	53.05 2.04 0.00	58.63 2.15 0.00	64.94 2.38 0.00	82.12 3.24 0.00	101.84 3.73 0.00	96.31 3.44 0.00	76.94 2.32 0.00	65.13 1.99 -0.86	51.05 1.63 0.00	41.28 1.40 0.00	35.65 1.24 0.00
AUBURN___LFGE 323710	31.10 0.30 -0.73	27.34 0.24 -0.23	26.18 0.16 -0.08	24.58 0.10 0.00	24.61 0.10 0.00	25.32 0.20 0.00	27.76 0.27 -0.36	32.46 0.34 -0.86	34.42 0.26 -1.09	35.90 0.48 -1.23	39.82 0.53 -1.66	43.56 0.65 -2.10	48.53 0.95 -2.32	55.06 1.22 -2.83	61.51 1.47 -3.56	68.77 1.75 -4.46	86.84 1.81 -6.14	108.63 2.75 -7.77	103.11 2.69 -7.54	83.03 2.84 -5.57	68.93 2.24 -4.41	53.55 1.63 -2.49	42.39 1.08 -1.43	36.00 0.62 -0.96
BABYLON_RES_REC 323704	37.48 3.19 -4.23	36.04 2.71 -6.46	35.08 2.47 -6.67	31.86 2.30 -5.07	31.41 2.28 -4.62	33.43 2.39 -5.92	33.45 2.52 -3.79	35.55 2.81 -1.48	36.93 3.08 -0.79	38.02 3.14 -0.69	42.32 3.61 -1.08	50.98 3.92 -6.27	57.03 4.21 -7.55	65.96 5.00 -9.95	72.24 5.31 -10.45	85.31 5.88 -16.87	104.21 8.20 -17.12	116.47 9.33 -9.03	114.95 8.45 -13.63	84.76 6.04 -4.09	72.27 4.73 -5.26	56.15 3.81 -2.93	45.16 3.35 -1.92	40.23 3.34 -2.48
BABYLON__69_KV_BK2 356345	37.87 3.58 -4.23	36.39 3.06 -6.46	35.39 2.78 -6.67	32.15 2.60 -5.07	31.73 2.60 -4.62	33.73 2.69 -5.92	33.99 3.07 -3.79	36.24 3.50 -1.48	37.72 3.87 -0.79	39.19 4.31 -0.69	43.37 4.63 -1.11	55.94 5.06 -10.08	63.03 5.34 -12.43	77.64 6.32 -20.31	84.91 6.83 -21.60	99.46 7.57 -29.33	125.79 10.18 -36.73	136.14 12.07 -25.95	145.36 11.14 -41.35	95.36 8.06 -12.67	82.74 6.48 -13.99	57.83 5.19 -3.22	46.09 4.27 -1.93	40.96 4.06 -2.49
BALL_HILL_WT_PWR 323825	30.31 0.24 0.00	27.03 0.16 0.00	26.05 0.10 0.00	24.34 -0.15 0.00	24.29 -0.22 0.00	25.32 0.20 0.00	27.32 0.19 0.00	31.16 -0.09 0.00	32.63 -0.43 0.00	34.98 0.79 0.00	38.23 0.60 0.00	41.37 0.57 0.00	46.58 1.31 0.00	52.38 1.38 0.00	58.06 1.58 0.00	64.62 2.06 0.00	79.52 0.63 0.00	99.49 1.37 0.00	94.83 1.95 0.00	78.28 3.66 0.00	65.21 2.93 0.00	51.30 1.88 0.00	41.04 1.16 0.00	36.27 1.86 0.00
BARON_WINDS___WT_PWR 323822	30.70 0.45 -0.18	27.30 0.38 -0.06	26.25 0.29 -0.02	24.61 0.12 0.00	24.58 0.07 0.00	25.50 0.38 0.00	27.57 0.35 -0.09	31.66 0.19 -0.21	33.23 -0.10 -0.26	35.28 0.79 -0.30	38.60 0.57 -0.40	41.88 0.57 -0.51	47.00 1.17 -0.56	52.92 1.22 -0.69	58.76 1.41 -0.86	65.52 1.88 -1.08	81.48 1.10 -1.49	101.96 1.96 -1.89	97.03 2.32 -1.83	79.26 3.28 -1.35	66.03 2.68 -1.07	51.95 1.93 -0.61	41.51 1.28 -0.35	36.20 1.55 -0.23
BARRETT_IC_1 23704	37.28 2.98 -4.23	35.88 2.55 -6.46	34.90 2.28 -6.67	31.67 2.11 -5.07	31.24 2.11 -4.62	33.23 2.18 -5.92	33.50 2.58 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.23 3.35 -0.69	42.34 3.65 -1.06	48.96 3.71 -4.45	54.52 4.03 -5.23	60.71 4.69 -5.02	66.59 4.97 -5.13	78.62 5.13 -10.93	93.76 7.10 -7.77	107.32 8.24 -0.96	100.62 7.34 -0.41	79.76 5.15 0.01	67.67 4.29 -1.10	55.77 3.56 -2.79	45.16 3.35 -1.93	39.93 3.03 -2.48
BARRETT_IC_10 23701	37.28 2.98 -4.23	35.88 2.55 -6.46	34.90 2.28 -6.67	31.67 2.11 -5.07	31.24 2.11 -4.62	33.23 2.18 -5.92	33.50 2.58 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.23 3.35 -0.69	42.34 3.65 -1.06	48.96 3.71 -4.45	54.52 4.03 -5.23	60.71 4.69 -5.02	66.59 4.97 -5.13	78.62 5.13 -10.93	93.76 7.10 -7.77	107.32 8.24 -0.96	100.62 7.34 -0.41	79.76 5.15 0.01	67.67 4.29 -1.10	55.77 3.56 -2.79	45.16 3.35 -1.93	39.93 3.03 -2.48
BARRETT_IC_11 23702	37.28 2.98 -4.23	35.88 2.55 -6.46	34.90 2.28 -6.67	31.67 2.11 -5.07	31.24 2.11 -4.62	33.23 2.18 -5.92	33.50 2.58 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.23 3.35 -0.69	42.34 3.65 -1.06	48.96 3.71 -4.45	54.52 4.03 -5.23	60.71 4.69 -5.02	66.59 4.97 -5.13	78.62 5.13 -10.93	93.76 7.10 -7.77	107.32 8.24 -0.96	100.62 7.34 -0.41	79.76 5.15 0.01	67.67 4.29 -1.10	55.77 3.56 -2.79	45.16 3.35 -1.93	39.93 3.03 -2.48
BARRETT_IC_12 23703	37.28 2.98 -4.23	35.88 2.55 -6.46	34.90 2.28 -6.67	31.67 2.11 -5.07	31.24 2.11 -4.62	33.23 2.18 -5.92	33.50 2.58 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.23 3.35 -0.69	42.34 3.65 -1.06	48.96 3.71 -4.45	54.52 4.03 -5.23	60.71 4.69 -5.02	66.59 4.97 -5.13	78.62 5.13 -10.93	93.76 7.10 -7.77	107.32 8.24 -0.96	100.62 7.34 -0.41	79.76 5.15 0.01	67.67 4.29 -1.10	55.77 3.56 -2.79	45.16 3.35 -1.93	39.93 3.03 -2.48
BARRETT_IC_2 23705	37.28 2.98 -4.23	35.88 2.55 -6.46	34.90 2.28 -6.67	31.67 2.11 -5.07	31.24 2.11 -4.62	33.23 2.18 -5.92	33.50 2.58 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.23 3.35 -0.69	42.34 3.65 -1.06	48.96 3.71 -4.45	54.52 4.03 -5.23	60.71 4.69 -5.02	66.59 4.97 -5.13	78.62 5.13 -10.93	93.76 7.10 -7.77	107.32 8.24 -0.96	100.62 7.34 -0.41	79.76 5.15 0.01	67.67 4.29 -1.10	55.77 3.56 -2.79	45.16 3.35 -1.93	39.93 3.03 -2.48
BARRETT_IC_3 23706	37.28 2.98 -4.23	35.88 2.55 -6.46	34.90 2.28 -6.67	31.67 2.11 -5.07	31.24 2.11 -4.62	33.23 2.18 -5.92	33.50 2.58 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.23 3.35 -0.69	42.34 3.65 -1.06	48.96 3.71 -4.45	54.52 4.03 -5.23	60.71 4.69 -5.02	66.59 4.97 -5.13	78.62 5.13 -10.93	93.76 7.10 -7.77	107.32 8.24 -0.96	100.62 7.34 -0.41	79.76 5.15 0.01	67.67 4.29 -1.10	55.77 3.56 -2.79	45.16 3.35 -1.93	39.93 3.03 -2.48
BARRETT_IC_4 23707	37.28 2.98 -4.23	35.88 2.55 -6.46	34.90 2.28 -6.67	31.67 2.11 -5.07	31.24 2.11 -4.62	33.23 2.18 -5.92	33.50 2.58 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.23 3.35 -0.69	42.34 3.65 -1.06	48.96 3.71 -4.45	54.52 4.03 -5.23	60.71 4.69 -5.02	66.59 4.97 -5.13	78.62 5.13 -10.93	93.76 7.10 -7.77	107.32 8.24 -0.96	100.62 7.34 -0.41	79.76 5.15 0.01	67.67 4.29 -1.10	55.77 3.56 -2.79	45.16 3.35 -1.93	39.93 3.03 -2.48

BARRETT_IC_5 23708	37.28 2.98 -4.23	35.88 2.55 -6.46	34.90 2.28 -6.67	31.67 2.11 -5.07	31.24 2.11 -4.62	33.23 2.18 -5.92	33.50 2.58 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.23 3.35 -0.69	42.34 3.65 -1.06	48.96 3.71 -4.45	54.52 4.03 -5.23	60.71 4.69 -5.02	66.59 4.97 -5.13	78.62 5.13 -10.93	93.76 7.10 -7.77	107.32 8.24 -0.96	100.62 7.34 -0.41	79.76 5.15 0.01	67.67 4.29 -1.10	55.77 3.56 -2.79	45.16 3.35 -1.93	39.93 3.03 -2.48
BARRETT_IC_6 23709	37.28 2.98 -4.23	35.88 2.55 -6.46	34.90 2.28 -6.67	31.67 2.11 -5.07	31.24 2.11 -4.62	33.23 2.18 -5.92	33.50 2.58 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.23 3.35 -0.69	42.34 3.65 -1.06	48.96 3.71 -4.45	54.52 4.03 -5.23	60.71 4.69 -5.02	66.59 4.97 -5.13	78.62 5.13 -10.93	93.76 7.10 -7.77	107.32 8.24 -0.96	100.62 7.34 -0.41	79.76 5.15 0.01	67.67 4.29 -1.10	55.77 3.56 -2.79	45.16 3.35 -1.93	39.93 3.03 -2.48
BARRETT_IC_7 23710	37.24 2.95 -4.23	35.88 2.55 -6.46	34.90 2.28 -6.67	31.67 2.11 -5.07	31.24 2.11 -4.62	33.23 2.19 -5.92	33.50 2.58 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.47 3.59 -0.69	42.38 3.69 -1.06	48.96 3.71 -4.45	54.52 4.03 -5.23	60.71 4.69 -5.02	66.59 4.97 -5.13	78.62 5.13 -10.93	93.77 7.10 -7.78	107.32 8.24 -0.97	100.63 7.34 -0.42	79.70 5.07 0.00	67.68 4.30 -1.10	55.76 3.56 -2.79	45.20 3.39 -1.92	40.12 3.24 -2.47
BARRETT_IC_8 23711	37.28 2.98 -4.23	35.88 2.55 -6.46	34.90 2.28 -6.67	31.67 2.11 -5.07	31.24 2.11 -4.62	33.23 2.18 -5.92	33.50 2.58 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.23 3.35 -0.69	42.34 3.65 -1.06	48.96 3.71 -4.45	54.52 4.03 -5.23	60.71 4.69 -5.02	66.59 4.97 -5.13	78.62 5.13 -10.93	93.76 7.10 -7.77	107.32 8.24 -0.96	100.62 7.34 -0.41	79.76 5.15 0.01	67.67 4.29 -1.10	55.77 3.56 -2.79	45.16 3.35 -1.93	39.93 3.03 -2.48
BARRETT_IC_9 23700	37.28 2.98 -4.23	35.88 2.55 -6.46	34.90 2.28 -6.67	31.67 2.11 -5.07	31.24 2.11 -4.62	33.23 2.18 -5.92	33.50 2.58 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.23 3.35 -0.69	42.34 3.65 -1.06	48.96 3.71 -4.45	54.52 4.03 -5.23	60.71 4.69 -5.02	66.59 4.97 -5.13	78.62 5.13 -10.93	93.76 7.10 -7.77	107.32 8.24 -0.96	100.62 7.34 -0.41	79.76 5.15 0.01	67.67 4.29 -1.10	55.77 3.56 -2.79	45.16 3.35 -1.93	39.93 3.03 -2.48
BARRETT___1 23545	37.28 2.98 -4.23	35.88 2.55 -6.46	34.90 2.28 -6.67	31.67 2.11 -5.07	31.24 2.11 -4.62	33.23 2.18 -5.92	33.50 2.58 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.23 3.35 -0.69	42.34 3.65 -1.06	48.96 3.71 -4.45	54.52 4.03 -5.23	60.71 4.69 -5.02	66.59 4.97 -5.13	78.62 5.13 -10.93	93.76 7.10 -7.77	107.32 8.24 -0.96	100.62 7.34 -0.41	79.76 5.15 0.01	67.67 4.29 -1.10	55.77 3.56 -2.79	45.16 3.35 -1.93	39.93 3.03 -2.48
BARRETT___2 23546	37.28 2.98 -4.23	35.88 2.55 -6.46	34.90 2.28 -6.67	31.67 2.11 -5.07	31.24 2.11 -4.62	33.23 2.18 -5.92	33.50 2.58 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.23 3.35 -0.69	42.34 3.65 -1.06	48.96 3.71 -4.45	54.52 4.03 -5.23	60.71 4.69 -5.02	66.59 4.97 -5.13	78.62 5.13 -10.93	93.76 7.10 -7.77	107.32 8.24 -0.96	100.62 7.34 -0.41	79.76 5.15 0.01	67.67 4.29 -1.10	55.77 3.56 -2.79	45.16 3.35 -1.93	39.93 3.03 -2.48
BATAVIA__115KV_TB1 55881	30.43 0.36 0.00	27.16 0.30 0.00	26.02 0.08 0.00	24.44 -0.05 0.00	24.41 -0.10 0.00	25.42 0.30 0.00	27.40 0.27 0.00	31.32 0.06 0.00	32.73 -0.33 0.00	34.16 -0.03 0.00	37.97 0.34 0.00	41.21 0.41 0.00	46.40 1.13 0.00	52.18 1.17 0.00	57.84 1.36 0.00	64.25 1.69 0.00	79.20 0.32 0.00	99.78 1.67 0.00	95.01 2.14 0.00	78.65 4.03 0.00	65.58 3.30 0.00	51.50 2.08 0.00	41.24 1.36 0.00	34.93 0.52 0.00
BAYONEEC___CTG1 323682	32.83 2.76 0.00	29.15 2.28 0.00	27.92 1.97 0.00	26.32 1.84 0.00	26.32 1.81 0.00	27.01 1.89 0.00	29.44 2.30 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.44 3.25 0.00	41.13 3.50 0.00	44.51 3.71 0.00	49.16 3.89 0.00	48.27 4.59 7.33	48.77 4.75 12.46	50.27 5.01 17.29	69.80 7.02 16.11	89.26 8.14 16.99	82.48 7.05 17.44	61.59 4.85 17.88	50.27 3.86 15.87	48.27 3.17 4.32	42.80 2.91 0.00	37.07 2.65 0.00
BAYONEEC___CTG10 323750	32.83 2.76 0.00	29.15 2.28 0.00	27.92 1.97 0.00	26.32 1.84 0.00	26.32 1.81 0.00	27.01 1.89 0.00	29.44 2.30 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.44 3.25 0.00	41.13 3.50 0.00	44.51 3.71 0.00	49.16 3.89 0.00	48.27 4.59 7.33	48.77 4.75 12.46	50.27 5.01 17.29	69.80 7.02 16.11	89.26 8.14 16.99	82.48 7.05 17.44	61.59 4.85 17.88	50.27 3.86 15.87	48.27 3.17 4.32	42.80 2.91 0.00	37.07 2.65 0.00
BAYONEEC___CTG2 323683	32.83 2.76 0.00	29.15 2.28 0.00	27.92 1.97 0.00	26.32 1.84 0.00	26.32 1.81 0.00	27.01 1.89 0.00	29.44 2.30 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.44 3.25 0.00	41.13 3.50 0.00	44.51 3.71 0.00	49.16 3.89 0.00	48.27 4.59 7.33	48.77 4.75 12.46	50.27 5.01 17.29	69.80 7.02 16.11	89.26 8.14 16.99	82.48 7.05 17.44	61.59 4.85 17.88	50.27 3.86 15.87	48.27 3.17 4.32	42.80 2.91 0.00	37.07 2.65 0.00
BAYONEEC___CTG3 323684	32.83 2.76 0.00	29.15 2.28 0.00	27.92 1.97 0.00	26.32 1.84 0.00	26.32 1.81 0.00	27.01 1.89 0.00	29.44 2.30 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.44 3.25 0.00	41.13 3.50 0.00	44.51 3.71 0.00	49.16 3.89 0.00	48.27 4.59 7.33	48.77 4.75 12.46	50.27 5.01 17.29	69.80 7.02 16.11	89.26 8.14 16.99	82.48 7.05 17.44	61.59 4.85 17.88	50.27 3.86 15.87	48.27 3.17 4.32	42.80 2.91 0.00	37.07 2.65 0.00
BAYONEEC___CTG4 323685	32.83 2.76 0.00	29.15 2.28 0.00	27.92 1.97 0.00	26.32 1.84 0.00	26.32 1.81 0.00	27.01 1.89 0.00	29.44 2.30 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.44 3.25 0.00	41.13 3.50 0.00	44.51 3.71 0.00	49.16 3.89 0.00	48.27 4.59 7.33	48.77 4.75 12.46	50.27 5.01 17.29	69.80 7.02 16.11	89.26 8.14 16.99	82.48 7.05 17.44	61.59 4.85 17.88	50.27 3.86 15.87	48.27 3.17 4.32	42.80 2.91 0.00	37.07 2.65 0.00
BAYONEEC___CTG5 323686	32.83 2.76 0.00	29.15 2.28 0.00	27.92 1.97 0.00	26.32 1.84 0.00	26.32 1.81 0.00	27.01 1.89 0.00	29.44 2.30 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.44 3.25 0.00	41.13 3.50 0.00	44.51 3.71 0.00	49.16 3.89 0.00	48.27 4.59 7.33	48.77 4.75 12.46	50.27 5.01 17.29	69.80 7.02 16.11	89.26 8.14 16.99	82.48 7.05 17.44	61.59 4.85 17.88	50.27 3.86 15.87	48.27 3.17 4.32	42.80 2.91 0.00	37.07 2.65 0.00
BAYONEEC___CTG6 323687	32.83 2.76 0.00	29.15 2.28 0.00	27.92 1.97 0.00	26.32 1.84 0.00	26.32 1.81 0.00	27.01 1.89 0.00	29.44 2.30 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.44 3.25 0.00	41.13 3.50 0.00	44.51 3.71 0.00	49.16 3.89 0.00	48.27 4.59 7.33	48.77 4.75 12.46	50.27 5.01 17.29	69.80 7.02 16.11	89.26 8.14 16.99	82.48 7.05 17.44	61.59 4.85 17.88	50.27 3.86 15.87	48.27 3.17 4.32	42.80 2.91 0.00	37.07 2.65 0.00

BAYONEEC___CTG7 323688	32.83 2.76 0.00	29.15 2.28 0.00	27.92 1.97 0.00	26.32 1.84 0.00	26.32 1.81 0.00	27.01 1.89 0.00	29.44 2.30 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.44 3.25 0.00	41.13 3.50 0.00	44.51 3.71 0.00	49.16 3.89 0.00	48.27 4.59 7.33	48.77 4.75 12.46	50.27 5.01 17.29	69.80 7.02 16.11	89.26 8.14 16.99	82.48 7.05 17.44	61.59 4.85 17.88	50.27 3.86 15.87	48.27 3.17 4.32	42.80 2.91 0.00	37.07 2.65 0.00
BAYONEEC___CTG8 323689	32.83 2.76 0.00	29.15 2.28 0.00	27.92 1.97 0.00	26.32 1.84 0.00	26.32 1.81 0.00	27.01 1.89 0.00	29.44 2.30 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.44 3.25 0.00	41.13 3.50 0.00	44.51 3.71 0.00	49.16 3.89 0.00	48.27 4.59 7.33	48.77 4.75 12.46	50.27 5.01 17.29	69.80 7.02 16.11	89.26 8.14 16.99	82.48 7.05 17.44	61.59 4.85 17.88	50.27 3.86 15.87	48.27 3.17 4.32	42.80 2.91 0.00	37.07 2.65 0.00
BAYONEEC___CTG9 323749	32.83 2.76 0.00	29.15 2.28 0.00	27.92 1.97 0.00	26.32 1.84 0.00	26.32 1.81 0.00	27.01 1.89 0.00	29.44 2.30 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.44 3.25 0.00	41.13 3.50 0.00	44.51 3.71 0.00	49.16 3.89 0.00	48.27 4.59 7.33	48.77 4.75 12.46	50.27 5.01 17.29	69.80 7.02 16.11	89.26 8.14 16.99	82.48 7.05 17.44	61.59 4.85 17.88	50.27 3.86 15.87	48.27 3.17 4.32	42.80 2.91 0.00	37.07 2.65 0.00
BEACON___LESR 323632	31.21 1.14 0.00	27.91 1.05 0.00	26.98 1.04 0.00	25.49 1.00 0.00	25.52 1.01 0.00	26.13 1.01 0.00	28.16 1.03 0.00	32.26 1.00 0.00	34.05 0.99 0.00	35.29 1.09 0.00	38.87 1.24 0.00	42.19 1.39 0.00	46.58 1.31 0.00	52.54 1.53 0.00	58.23 1.75 0.00	64.77 2.25 0.03	48.98 3.16 33.06	83.31 3.82 18.63	81.83 3.81 14.85	77.31 2.68 0.00	71.24 2.37 -6.60	51.30 1.88 0.00	41.52 1.64 0.00	35.65 1.24 0.00
BEAVER RIVER___HYD 24048	30.32 -0.18 -0.43	26.86 -0.13 -0.13	25.78 -0.21 -0.05	24.26 -0.22 0.00	24.34 -0.17 0.00	25.00 -0.12 0.00	27.28 -0.05 -0.21	31.59 -0.22 -0.55	33.42 -0.33 -0.69	34.60 -0.38 -0.78	38.24 -0.45 -1.06	41.65 -0.49 -1.34	46.33 -0.41 -1.47	52.34 -0.46 -1.80	58.46 -0.28 -2.26	65.08 -0.31 -2.83	77.79 -0.63 0.47	103.04 0.00 -4.93	98.22 0.56 -4.78	78.98 0.82 -3.53	66.14 1.06 -2.80	51.69 0.69 -1.58	40.99 0.20 -0.91	34.96 -0.07 -0.61
BEEBEE_GT_13 23619	30.07 0.00 0.00	26.84 -0.03 0.00	25.76 -0.18 0.00	24.24 -0.24 0.00	24.22 -0.29 0.00	25.10 -0.03 0.00	27.05 -0.08 0.00	31.04 -0.22 0.00	32.63 -0.43 0.00	34.06 -0.14 0.00	37.82 0.19 0.00	41.09 0.29 0.00	46.08 0.81 0.00	51.87 0.87 0.00	57.44 0.96 0.00	63.75 1.19 0.00	79.12 0.24 0.00	99.29 1.18 0.00	94.27 1.39 0.00	77.16 2.54 0.00	64.33 2.06 0.00	50.70 1.28 0.00	40.68 0.80 0.00	34.62 0.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.40 3.22 -0.11	29.61 2.74 -0.01	28.34 2.39 -0.01	26.69 2.20 0.00	26.69 2.18 0.00	27.26 2.14 0.00	29.74 2.60 0.00	34.29 3.03 0.00	36.57 3.50 0.00	49.76 3.93 -11.63	45.69 4.18 -3.88	45.04 4.24 0.00	49.84 4.57 0.00	56.41 5.41 0.00	61.90 5.42 0.00	74.59 5.88 -6.15	88.87 8.20 -1.77	108.40 9.32 -0.97	101.56 8.27 -0.42	80.30 5.67 0.00	71.39 4.86 -4.26	53.18 3.76 0.00	43.32 3.43 0.00	37.93 3.51 -0.01
BETHLEHEM___GRP 23843	30.70 0.63 0.00	27.46 0.59 0.00	26.59 0.65 0.00	25.12 0.64 0.00	25.15 0.64 0.00	25.72 0.60 0.00	27.70 0.57 0.00	31.76 0.50 0.00	33.56 0.50 0.00	34.84 0.65 0.00	38.23 0.60 0.00	41.49 0.69 0.00	45.81 0.54 0.00	51.67 0.66 0.00	57.22 0.73 0.00	63.56 1.00 0.00	62.50 1.58 17.96	89.66 1.67 10.12	86.81 1.67 7.74	75.59 0.97 0.00	69.68 0.93 -6.46	50.21 0.79 0.00	40.64 0.76 0.00	35.17 0.76 0.00
BETHLEHEM___GS1 323560	30.70 0.63 0.00	27.45 0.59 0.00	26.59 0.65 0.00	25.12 0.64 0.00	25.15 0.64 0.00	25.72 0.60 0.00	27.70 0.57 0.00	31.76 0.50 0.00	33.56 0.50 0.00	34.77 0.58 0.00	38.23 0.60 0.00	41.49 0.69 0.00	45.81 0.55 0.00	51.67 0.66 0.00	57.21 0.73 0.00	63.54 1.00 0.02	62.42 1.50 17.96	89.66 1.67 10.12	86.81 1.67 7.74	75.59 0.97 0.00	69.68 0.94 -6.46	50.21 0.79 0.00	40.68 0.80 0.00	34.96 0.55 0.00
BETHLEHEM___GS2 323561	30.70 0.63 0.00	27.45 0.59 0.00	26.59 0.65 0.00	25.12 0.64 0.00	25.15 0.64 0.00	25.72 0.60 0.00	27.70 0.57 0.00	31.76 0.50 0.00	33.56 0.50 0.00	34.77 0.58 0.00	38.23 0.60 0.00	41.49 0.69 0.00	45.81 0.55 0.00	51.67 0.66 0.00	57.21 0.73 0.00	63.54 1.00 0.02	62.42 1.50 17.96	89.66 1.67 10.12	86.81 1.67 7.74	75.59 0.97 0.00	69.68 0.94 -6.46	50.21 0.79 0.00	40.68 0.80 0.00	34.96 0.55 0.00
BETHLEHEM___GS3 323562	30.70 0.63 0.00	27.45 0.59 0.00	26.59 0.65 0.00	25.12 0.64 0.00	25.15 0.64 0.00	25.72 0.60 0.00	27.70 0.57 0.00	31.76 0.50 0.00	33.56 0.50 0.00	34.77 0.58 0.00	38.23 0.60 0.00	41.49 0.69 0.00	45.81 0.55 0.00	51.67 0.66 0.00	57.21 0.73 0.00	63.54 1.00 0.02	62.42 1.50 17.96	89.66 1.67 10.12	86.81 1.67 7.74	75.59 0.97 0.00	69.68 0.94 -6.46	50.21 0.79 0.00	40.68 0.80 0.00	34.96 0.55 0.00
BETHLEHEM___STEEL 23779	30.07 0.00 0.00	26.86 0.00 0.00	25.74 -0.21 0.00	24.19 -0.29 0.00	24.17 -0.34 0.00	25.17 0.05 0.00	27.10 -0.03 0.00	30.88 -0.38 0.00	32.30 -0.76 0.00	33.99 -0.21 0.00	37.78 0.15 0.00	41.00 0.20 0.00	46.17 0.91 0.00	51.87 0.87 0.00	57.50 1.02 0.00	63.87 1.31 0.00	78.65 -0.24 0.00	98.51 0.39 0.00	93.89 1.02 0.00	77.68 3.06 0.00	64.64 2.37 0.00	50.80 1.38 0.00	40.72 0.84 0.00	34.59 0.17 0.00
BETHLHEM_115KV_TB1 79974	30.76 0.69 0.00	27.51 0.64 0.00	26.64 0.70 0.00	25.17 0.69 0.00	25.20 0.69 0.00	25.77 0.65 0.00	27.76 0.62 0.00	31.82 0.56 0.00	33.66 0.60 0.00	34.94 0.75 0.00	38.35 0.72 0.00	41.62 0.82 0.00	45.95 0.68 0.00	51.82 0.82 0.00	57.39 0.90 0.00	63.68 1.13 0.00	63.72 1.74 16.90	90.46 1.86 9.52	87.45 1.86 7.28	75.74 1.12 0.00	69.49 1.06 -6.16	50.31 0.89 0.00	40.76 0.88 0.00	35.28 0.86 0.00
BETHPAGE_CC_5 323564	37.33 3.04 -4.23	35.90 2.58 -6.46	34.92 2.31 -6.67	31.74 2.18 -5.07	31.28 2.16 -4.62	33.30 2.26 -5.92	33.56 2.63 -3.79	35.71 2.97 -1.48	37.16 3.31 -0.79	38.30 3.42 -0.69	42.54 3.84 -1.07	49.85 4.08 -4.97	55.55 4.39 -5.89	62.64 5.21 -6.43	68.67 5.54 -6.65	81.25 6.07 -12.63	97.62 8.28 -10.45	111.10 9.72 -3.27	105.79 8.73 -4.19	82.06 6.27 -1.17	69.49 4.92 -2.29	56.25 4.00 -2.83	45.16 3.35 -1.92	39.96 3.06 -2.48
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.16 0.09 0.00	26.92 0.05 0.00	25.79 -0.16 0.00	24.24 -0.24 0.00	24.22 -0.29 0.00	25.22 0.10 0.00	27.19 0.05 0.00	30.98 -0.28 0.00	32.43 -0.63 0.00	34.09 -0.10 0.00	37.93 0.30 0.00	41.17 0.37 0.00	46.35 1.09 0.00	52.08 1.07 0.00	57.78 1.30 0.00	64.18 1.63 0.00	79.05 0.16 0.00	99.00 0.88 0.00	94.36 1.49 0.00	78.06 3.43 0.00	64.89 2.62 0.00	50.95 1.53 0.00	40.84 0.96 0.00	34.69 0.28 0.00

BINGHAMTON___COGEN 23790	30.91 0.51 -0.33	27.42 0.46 -0.10	26.34 0.36 -0.04	24.83 0.34 0.00	24.83 0.32 0.00	25.55 0.43 0.00	27.75 0.46 -0.16	32.19 0.53 -0.40	34.04 0.46 -0.51	35.49 0.72 -0.58	39.24 0.83 -0.78	42.68 0.90 -0.99	47.57 1.22 -1.09	53.76 1.43 -1.33	59.79 1.64 -1.67	66.52 1.88 -2.09	83.66 1.89 -2.87	104.50 2.75 -3.64	99.10 2.69 -3.53	79.92 2.69 -2.61	66.99 2.18 -2.54	52.17 1.58 -1.17	41.71 1.16 -0.67	35.66 0.79 -0.45
BIXINCNT_115KV_LOAD 355685	30.34 0.27 0.00	27.13 0.27 0.00	25.97 0.03 0.00	24.41 -0.07 0.00	24.36 -0.15 0.00	25.37 0.25 0.00	27.35 0.22 0.00	31.26 0.00 0.00	32.80 -0.26 0.00	34.53 0.34 0.00	38.27 0.64 0.00	41.49 0.69 0.00	46.76 1.49 0.00	52.59 1.58 0.00	58.35 1.86 0.00	64.81 2.25 0.00	79.91 1.03 0.00	100.08 1.96 0.00	95.20 2.32 0.00	78.65 4.03 0.00	65.33 3.05 0.00	51.35 1.93 0.00	41.12 1.24 0.00	35.03 0.62 0.00
BLACK RIVER___HYD 24047	30.82 0.03 -0.72	27.09 0.00 -0.23	25.92 -0.10 -0.08	24.36 -0.12 0.00	24.44 -0.07 0.00	25.12 0.00 0.00	27.59 0.11 -0.35	32.10 -0.09 -0.93	34.01 -0.23 -1.18	35.29 -0.24 -1.33	39.13 -0.30 -1.80	42.75 -0.33 -2.28	47.64 -0.14 -2.51	53.97 -0.10 -3.06	60.38 0.06 -3.85	67.45 0.06 -4.83	82.28 -0.24 -3.63	107.11 0.59 -8.40	102.42 1.40 -8.16	82.43 1.79 -6.02	68.99 1.93 -4.78	53.50 1.38 -2.70	42.03 0.60 -1.55	35.70 0.24 -1.04
BLACKRVR_115KV_TB2 79977	30.79 0.00 -0.72	27.09 0.00 -0.23	25.90 -0.13 -0.08	24.36 -0.12 0.00	24.41 -0.10 0.00	25.12 0.00 0.00	27.59 0.11 -0.35	32.10 -0.09 -0.93	34.01 -0.23 -1.18	35.25 -0.27 -1.33	39.13 -0.30 -1.80	42.75 -0.33 -2.28	47.64 -0.14 -2.51	53.97 -0.10 -3.06	60.38 0.06 -3.85	67.45 0.06 -4.83	82.28 -0.24 -3.63	107.10 0.59 -8.40	102.42 1.39 -8.16	82.44 1.79 -6.02	68.98 1.93 -4.78	53.50 1.38 -2.70	42.03 0.60 -1.55	35.56 0.10 -1.04
BLISS_WT_PWR 323608	30.40 0.33 0.00	27.13 0.27 0.00	26.13 0.18 0.00	24.39 -0.10 0.00	24.36 -0.15 0.00	25.37 0.25 0.00	27.35 0.22 0.00	31.26 0.00 0.00	32.80 -0.27 0.00	35.18 0.99 0.00	38.42 0.79 0.00	41.49 0.69 0.00	46.81 1.54 0.00	52.69 1.68 0.00	58.34 1.86 0.00	65.00 2.44 0.00	79.99 1.10 0.00	100.07 1.96 0.00	95.20 2.32 0.00	78.58 3.95 0.00	65.27 2.99 0.00	51.45 2.03 0.00	41.12 1.24 0.00	36.38 1.96 0.00
BLUESTONE___WT_PWR 323821	32.49 2.14 -0.28	28.86 1.91 -0.09	27.66 1.69 -0.03	26.03 1.54 0.00	26.10 1.59 0.00	26.85 1.73 0.00	29.25 1.98 -0.14	33.57 1.97 -0.34	35.38 1.88 -0.43	36.94 2.26 -0.49	40.67 2.37 -0.66	44.13 2.49 -0.84	49.41 3.21 -0.92	55.86 3.72 -1.13	62.42 4.52 -1.42	69.59 5.26 -1.78	87.72 6.39 -2.45	110.23 9.02 -3.10	104.89 9.01 -3.01	84.38 7.53 -2.22	71.42 6.48 -2.66	55.26 4.85 -1.00	43.89 3.43 -0.57	37.65 2.85 -0.38
BLUE_CIRC_CHEM_DRP 24182	31.12 1.05 0.00	27.86 0.99 0.00	26.98 1.04 0.00	25.46 0.98 0.00	25.49 0.98 0.00	26.08 0.95 0.00	28.05 0.92 0.00	32.13 0.88 0.00	33.86 0.79 0.00	35.08 0.89 0.00	38.46 0.83 0.00	41.70 0.90 0.00	45.09 -0.18 0.00	50.90 -0.10 0.00	56.37 -0.11 0.00	62.62 0.06 0.00	63.03 0.47 16.33	89.40 0.49 9.20	86.38 0.74 7.24	75.00 0.37 0.00	67.66 0.56 -4.83	49.91 0.49 0.00	41.28 1.40 0.00	35.69 1.27 0.00
BOC_GAS_DRP 24189	30.94 0.87 0.00	27.64 0.78 0.00	26.75 0.80 0.00	25.27 0.78 0.00	25.29 0.78 0.00	25.88 0.75 0.00	27.89 0.76 0.00	32.01 0.75 0.00	33.86 0.79 0.00	35.15 0.96 0.00	38.61 0.98 0.00	41.82 1.02 0.00	46.22 0.95 0.00	52.13 1.12 0.00	57.67 1.19 0.00	63.93 1.38 0.00	69.88 1.97 10.98	94.08 2.16 6.19	90.16 2.04 4.76	75.97 1.34 0.00	67.98 1.25 -4.46	50.46 1.04 0.00	40.92 1.04 0.00	35.41 1.00 0.00
BOONVILLE_115KV_TB1 79983	30.93 0.66 -0.20	27.52 0.59 -0.06	26.46 0.49 -0.02	24.95 0.47 0.00	25.00 0.49 0.00	25.67 0.55 0.00	27.88 0.65 -0.10	32.10 0.59 -0.25	33.94 0.56 -0.32	35.17 0.62 -0.36	38.80 0.68 -0.49	42.15 0.73 -0.62	46.94 1.00 -0.68	53.06 1.22 -0.83	59.05 1.53 -1.04	65.68 1.81 -1.30	81.82 2.21 -0.72	103.72 3.34 -2.27	98.51 3.44 -2.20	79.16 2.91 -1.63	66.25 2.68 -1.29	52.08 1.93 -0.73	41.58 1.28 -0.42	35.56 0.86 -0.28
BORALEX_4TH_BRANCH 23824	31.72 1.65 0.00	28.42 1.56 0.00	27.45 1.50 0.00	25.91 1.42 0.00	25.93 1.42 0.00	26.55 1.43 0.00	28.65 1.52 0.00	32.82 1.56 0.00	34.75 1.69 0.00	36.04 1.85 0.00	39.55 1.92 0.00	42.96 2.16 0.00	47.80 2.53 0.00	54.02 3.01 0.00	59.87 3.39 0.00	66.62 4.07 0.00	95.68 5.44 -11.35	110.98 6.48 -6.39	105.59 6.22 -6.49	79.33 4.70 0.00	75.06 3.92 -8.86	52.48 3.06 0.00	42.08 2.19 0.00	36.45 2.03 0.00
BOWLINE___1 23526	32.17 2.10 0.00	28.72 1.85 0.00	27.58 1.64 0.00	26.00 1.52 0.00	26.03 1.52 0.00	26.71 1.58 0.00	29.00 1.87 0.00	33.26 2.00 0.00	35.31 2.25 0.00	36.62 2.43 0.00	40.23 2.59 0.00	43.53 2.73 0.00	48.25 2.99 0.00	54.58 3.57 0.00	60.21 3.73 0.00	66.62 4.06 0.00	86.14 5.68 -1.57	105.67 6.67 -0.88	98.73 5.85 0.00	78.58 3.95 0.00	66.51 3.17 -1.05	51.94 2.52 0.00	42.08 2.19 0.00	36.45 2.03 0.00
BOWLINE___2 23595	32.20 2.14 0.00	28.72 1.85 0.00	27.58 1.64 0.00	26.00 1.52 0.00	26.03 1.52 0.00	26.71 1.58 0.00	29.00 1.87 0.00	33.29 2.03 0.00	35.31 2.25 0.00	36.62 2.43 0.00	40.23 2.59 0.00	43.53 2.73 0.00	48.25 2.99 0.00	54.58 3.57 0.00	60.27 3.78 0.00	66.62 4.06 0.00	86.14 5.68 -1.57	105.67 6.67 -0.88	98.73 5.85 0.00	78.58 3.95 0.00	66.51 3.17 -1.06	51.94 2.52 0.00	42.08 2.19 0.00	36.45 2.03 0.00
BRADY___115KV_TB2 356060	29.32 -0.75 0.00	26.22 -0.64 0.00	25.35 -0.60 0.00	23.90 -0.59 0.00	23.95 -0.56 0.00	24.54 -0.58 0.00	26.53 -0.60 0.00	30.63 -0.63 0.00	32.40 -0.66 0.00	33.17 -1.03 0.00	36.62 -1.02 0.00	39.70 -1.10 0.00	43.86 -1.40 0.00	49.17 -1.84 0.00	54.56 -1.92 0.00	60.06 -2.50 0.00	61.32 -3.23 14.34	94.18 -3.92 0.01	89.34 -3.53 0.01	72.16 -2.46 0.00	60.53 -1.74 0.00	48.04 -1.38 0.00	38.81 -1.08 0.00	33.38 -1.03 0.00
BRANSCOMB___SOLAR 323811	31.81 1.74 0.00	28.45 1.58 0.00	27.45 1.50 0.00	25.86 1.37 0.00	25.88 1.37 0.00	26.53 1.41 0.00	28.62 1.49 0.00	32.76 1.50 0.00	34.62 1.55 0.00	35.87 1.67 0.00	39.40 1.77 0.00	42.80 2.00 0.00	47.66 2.40 0.00	53.71 2.70 0.00	59.53 3.05 0.00	66.26 3.69 -0.01	93.08 4.89 -9.30	109.54 6.18 -5.24	104.64 6.59 -5.17	80.00 5.38 0.00	78.82 4.80 -11.75	53.13 3.71 0.00	42.52 2.63 0.00	36.48 2.06 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.57 3.28 -4.23	36.14 2.82 -6.46	35.18 2.57 -6.67	31.98 2.42 -5.07	31.55 2.43 -4.62	33.56 2.51 -5.92	33.86 2.93 -3.79	36.05 3.31 -1.48	37.52 3.67 -0.79	38.91 4.03 -0.69	43.11 4.29 -1.19	55.48 4.53 -10.15	62.35 4.57 -12.52	76.91 5.41 -20.50	84.10 5.82 -21.80	98.50 6.38 -29.56	124.73 8.76 -37.09	134.58 10.20 -26.27	144.11 9.38 -41.85	94.10 6.64 -12.83	81.78 5.36 -14.15	56.94 4.30 -3.22	45.67 3.83 -1.95	40.57 3.65 -2.51



BRISTLHL_115KV_TB1 79998	31.27 -0.39 -1.59	26.99 -0.38 -0.50	25.71 -0.42 -0.18	24.09 -0.39 0.00	24.12 -0.39 0.00	24.74 -0.38 0.00	27.52 -0.38 -0.77	32.86 -0.47 -2.07	35.12 -0.56 -2.61	36.67 -0.48 -2.96	41.10 -0.53 -3.99	45.28 -0.57 -5.05	50.37 -0.45 -5.56	57.39 -0.41 -6.80	64.62 -0.40 -8.53	72.89 -0.38 -10.71	92.91 -0.71 -14.73	116.17 -0.59 -18.65	110.51 -0.46 -18.10	87.91 -0.07 -13.36	72.81 -0.06 -10.60	55.31 -0.10 -5.99	43.08 -0.24 -3.43	36.34 -0.38 -2.30
BROOKHAVEN___DRP 24191	37.48 3.19 -4.23	36.01 2.69 -6.46	35.03 2.41 -6.67	31.84 2.28 -5.07	31.41 2.28 -4.62	33.43 2.39 -5.92	33.72 2.79 -3.79	35.93 3.19 -1.48	37.46 3.60 -0.79	38.91 4.03 -0.69	43.05 4.33 -1.09	77.03 4.73 -31.49	90.12 5.07 -39.78	135.45 6.02 -78.43	147.07 6.44 -84.15	168.95 7.13 -99.26	235.08 9.47 -146.72	230.19 11.18 -120.89	300.21 10.49 -196.85	142.99 7.54 -60.83	131.27 6.04 -62.95	59.12 4.84 -4.86	45.60 3.79 -1.92	40.51 3.61 -2.48
BROOKLYN_NAVY_YARD 23515	32.86 2.80 0.00	29.15 2.28 0.00	27.94 2.00 0.00	26.32 1.84 0.00	26.35 1.84 0.00	27.03 1.91 0.00	29.49 2.36 0.00	33.95 2.69 0.00	36.14 3.08 0.00	37.51 3.32 0.00	41.21 3.58 0.00	44.63 3.83 0.00	49.29 4.03 0.00	55.80 4.79 0.00	61.39 4.91 0.00	67.75 5.19 0.00	88.02 7.41 -1.72	107.61 8.53 -0.97	100.81 7.52 -0.42	79.85 5.22 0.00	67.49 4.11 -1.10	52.73 3.31 0.00	42.88 2.99 0.00	37.10 2.69 0.00
BROOKLYN___ARMY_DRP 323595	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.97 4.36 -4.33	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
BROOKVLE_69_KV_TB1 55790	37.63 3.34 -4.23	36.17 2.85 -6.46	35.16 2.54 -6.67	31.91 2.35 -5.07	31.48 2.35 -4.62	33.48 2.44 -5.92	33.77 2.85 -3.79	35.99 3.25 -1.48	37.52 3.67 -0.79	39.01 4.14 -0.69	43.17 4.48 -1.06	49.90 4.65 -4.45	55.56 5.07 -5.23	61.99 5.97 -5.02	68.06 6.44 -5.13	80.49 7.01 -10.93	96.05 9.39 -7.78	110.07 10.99 -0.97	103.23 9.94 -0.42	81.71 7.09 0.00	69.11 5.73 -1.10	56.80 4.60 -2.79	45.79 3.99 -1.92	40.61 3.72 -2.47
BROOME_2_LFGE 323671	30.94 0.54 -0.33	27.42 0.46 -0.10	26.37 0.39 -0.04	24.83 0.34 0.00	24.83 0.32 0.00	25.55 0.43 0.00	27.75 0.46 -0.16	32.19 0.53 -0.40	34.04 0.46 -0.51	35.62 0.86 -0.58	39.24 0.83 -0.78	42.68 0.90 -0.99	47.57 1.22 -1.09	53.76 1.43 -1.33	59.79 1.64 -1.67	66.59 1.94 -2.09	83.74 1.97 -2.87	104.50 2.74 -3.64	99.10 2.70 -3.53	79.84 2.61 -2.61	66.99 2.18 -2.54	52.22 1.63 -1.17	41.71 1.16 -0.67	36.00 1.13 -0.45
BROOME___LFGE 323600	30.94 0.54 -0.33	27.42 0.46 -0.10	26.37 0.39 -0.04	24.83 0.34 0.00	24.83 0.32 0.00	25.55 0.43 0.00	27.75 0.46 -0.16	32.19 0.53 -0.40	34.04 0.46 -0.51	35.62 0.86 -0.58	39.24 0.83 -0.78	42.68 0.90 -0.99	47.57 1.22 -1.09	53.76 1.43 -1.33	59.79 1.64 -1.67	66.59 1.94 -2.09	83.74 1.97 -2.87	104.50 2.74 -3.64	99.10 2.70 -3.53	79.84 2.61 -2.61	66.99 2.18 -2.54	52.22 1.63 -1.17	41.71 1.16 -0.67	36.00 1.13 -0.45
BROWNFLS_115KV_TB_3_5 80003	29.58 -0.78 -0.29	26.26 -0.70 -0.09	25.28 -0.70 -0.03	23.80 -0.69 0.00	23.85 -0.66 0.00	24.47 -0.65 0.00	26.62 -0.65 -0.14	30.85 -0.78 -0.38	32.68 -0.86 -0.47	33.63 -1.09 -0.54	37.19 -1.17 -0.72	40.49 -1.22 -0.92	44.87 -1.40 -1.01	50.56 -1.68 -1.23	56.34 -1.69 -1.55	62.44 -2.06 -1.94	70.47 -2.76 5.65	98.45 -3.04 -3.38	93.65 -2.51 -3.28	75.33 -1.72 -2.43	63.08 -1.12 -1.92	49.57 -0.94 -1.09	39.63 -0.88 -0.62	33.87 -0.96 -0.42
BROWNSV1_27_KV_LOAD 356125	33.17 3.10 0.00	29.44 2.58 0.00	28.20 2.26 0.00	26.57 2.08 0.00	26.57 2.06 0.00	27.26 2.14 0.00	29.74 2.60 0.00	34.29 3.03 0.00	36.47 3.41 0.00	37.99 3.80 0.00	41.62 3.99 0.00	45.08 4.28 0.00	49.79 4.53 0.00	56.36 5.36 0.00	62.07 5.59 0.00	68.50 5.94 0.00	88.89 8.28 -1.72	108.70 9.62 -0.97	101.84 8.54 -0.42	80.67 6.04 0.00	68.30 4.92 -1.10	53.32 3.90 0.00	43.36 3.47 0.00	37.72 3.30 0.00
BURROWS___LYONSDAL 23803	30.83 0.51 -0.25	27.40 0.46 -0.08	26.34 0.36 -0.03	24.80 0.32 0.00	24.88 0.37 0.00	25.55 0.43 0.00	27.77 0.52 -0.12	32.00 0.44 -0.31	33.82 0.36 -0.39	35.05 0.41 -0.44	38.68 0.45 -0.60	42.05 0.49 -0.76	46.82 0.72 -0.83	52.89 0.87 -1.02	58.95 1.19 -1.28	65.54 1.38 -1.60	81.04 1.66 -0.49	103.65 2.75 -2.79	98.56 2.97 -2.71	79.16 2.54 -2.00	66.23 2.37 -1.59	52.05 1.73 -0.90	41.48 1.08 -0.51	35.45 0.69 -0.35
CAITHNESS_CC_1 323624	37.48 3.19 -4.23	36.01 2.69 -6.46	35.03 2.41 -6.67	31.84 2.28 -5.07	31.41 2.28 -4.62	33.40 2.36 -5.92	33.72 2.80 -3.79	35.89 3.16 -1.48	37.42 3.57 -0.79	38.50 3.62 -0.69	42.94 4.21 -1.09	76.74 4.61 -31.34	89.82 4.98 -39.58	134.86 5.86 -78.00	146.38 6.21 -83.69	168.12 6.82 -98.75	234.10 9.30 -145.91	229.09 10.79 -120.19	298.69 10.12 -195.69	142.48 7.39 -60.47	130.65 5.79 -62.58	58.91 4.64 -4.85	45.52 3.71 -1.92	40.27 3.37 -2.48
CALPINE BETH_PAGE_GT4 24209	37.30 3.01 -4.23	35.90 2.58 -6.46	34.92 2.31 -6.67	31.71 2.15 -5.07	31.28 2.16 -4.62	33.28 2.24 -5.92	33.56 2.63 -3.79	35.71 2.97 -1.48	37.16 3.31 -0.79	38.60 3.73 -0.69	42.50 3.80 -1.07	49.69 4.04 -4.85	55.39 4.39 -5.74	62.26 5.15 -6.10	68.32 5.54 -6.30	80.86 6.07 -12.23	97.00 8.28 -9.83	110.46 9.62 -2.74	104.92 8.73 -3.32	81.64 6.12 -0.90	69.21 4.92 -2.01	56.24 4.00 -2.82	45.16 3.35 -1.92	40.13 3.24 -2.48
CALPINE_BETH_PAGE_GT_4 323586	37.33 3.04 -4.23	35.90 2.58 -6.46	34.92 2.31 -6.67	31.71 2.16 -5.07	31.28 2.16 -4.62	33.28 2.24 -5.92	33.56 2.63 -3.79	35.71 2.97 -1.48	37.16 3.31 -0.79	38.33 3.45 -0.69	42.50 3.80 -1.07	49.69 4.04 -4.85	55.35 4.35 -5.74	62.25 5.15 -6.10	68.32 5.54 -6.30	80.80 6.01 -12.23	96.92 8.20 -9.83	110.47 9.62 -2.74	104.92 8.73 -3.31	81.79 6.27 -0.90	69.21 4.92 -2.01	56.24 4.00 -2.82	45.12 3.31 -1.92	39.92 3.03 -2.48
CALPINE_BP_GT1 23823	37.33 3.04 -4.23	35.90 2.58 -6.46	34.92 2.31 -6.67	31.71 2.16 -5.07	31.28 2.16 -4.62	33.28 2.24 -5.92	33.56 2.63 -3.79	35.71 2.97 -1.48	37.16 3.31 -0.79	38.33 3.45 -0.69	42.50 3.80 -1.07	49.69 4.04 -4.85	55.35 4.35 -5.74	62.25 5.15 -6.10	68.32 5.54 -6.30	80.80 6.01 -12.23	96.92 8.20 -9.83	110.47 9.62 -2.74	104.92 8.73 -3.31	81.79 6.27 -0.90	69.21 4.92 -2.01	56.24 4.00 -2.82	45.12 3.31 -1.92	39.92 3.03 -2.48
CALSPAN___DRP 24200	30.07 0.00 0.00	26.86 0.00 0.00	25.74 -0.21 0.00	24.19 -0.29 0.00	24.17 -0.34 0.00	25.17 0.05 0.00	27.10 -0.03 0.00	30.88 -0.38 0.00	32.30 -0.76 0.00	33.99 -0.21 0.00	37.78 0.15 0.00	41.00 0.20 0.00	46.17 0.91 0.00	51.87 0.87 0.00	57.50 1.02 0.00	63.87 1.31 0.00	78.65 -0.24 0.00	98.51 0.39 0.00	93.89 1.02 0.00	77.68 3.06 0.00	64.64 2.37 0.00	50.80 1.38 0.00	40.72 0.84 0.00	34.59 0.17 0.00

CALVERTON___SOLAR 323806	37.60 3.31 -4.23	36.09 2.77 -6.46	35.08 2.47 -6.67	31.86 2.30 -5.07	31.46 2.33 -4.62	33.48 2.44 -5.92	33.77 2.85 -3.79	35.99 3.25 -1.48	37.55 3.70 -0.79	38.67 3.79 -0.69	43.20 4.48 -1.09	77.30 4.93 -31.56	90.52 5.38 -39.87	135.94 6.32 -78.61	147.60 6.77 -84.35	169.48 7.44 -99.48	236.05 10.10 -147.07	230.97 11.67 -121.19	301.25 11.05 -197.33	143.74 8.14 -60.98	131.73 6.36 -63.10	59.38 5.09 -4.87	45.76 3.95 -1.92	40.47 3.58 -2.48
CANDIGU_WT_PWR 323617	30.70 0.45 -0.18	27.30 0.38 -0.06	26.25 0.29 -0.02	24.61 0.12 0.00	24.58 0.07 0.00	25.50 0.38 0.00	27.57 0.35 -0.09	31.66 0.19 -0.21	33.23 -0.10 -0.26	35.28 0.79 -0.30	38.60 0.57 -0.40	41.88 0.57 -0.51	47.00 1.17 -0.56	52.92 1.22 -0.69	58.76 1.41 -0.86	65.52 1.88 -1.08	81.48 1.10 -1.49	101.96 1.96 -1.89	97.03 2.32 -1.83	79.26 3.28 -1.35	66.03 2.68 -1.07	51.95 1.93 -0.61	41.51 1.28 -0.35	36.20 1.55 -0.23
CARR STREET_E_SYR 24060	30.40 -0.15 -0.48	26.85 -0.16 -0.15	25.82 -0.18 -0.05	24.29 -0.20 0.00	24.29 -0.22 0.00	24.95 -0.17 0.00	27.20 -0.16 -0.23	31.66 -0.16 -0.55	33.43 -0.33 -0.70	34.95 -0.03 -0.79	38.55 -0.15 -1.07	42.03 -0.12 -1.35	46.85 0.09 -1.49	52.98 0.15 -1.82	58.99 0.23 -2.28	65.80 0.38 -2.87	82.99 0.16 -3.94	103.50 0.39 -4.99	98.09 0.37 -4.84	78.87 0.67 -3.58	65.61 0.50 -2.84	51.37 0.35 -1.60	40.88 0.08 -0.92	35.17 0.14 -0.62
CARTHAGE___PAPER 23857	30.53 -0.15 -0.61	26.92 -0.13 -0.19	25.80 -0.21 -0.07	24.26 -0.22 0.00	24.34 -0.17 0.00	25.02 -0.10 0.00	27.43 0.00 -0.30	31.85 -0.19 -0.78	33.72 -0.33 -0.99	34.90 -0.41 -1.12	38.69 -0.45 -1.51	42.22 -0.49 -1.91	46.96 -0.41 -2.10	53.12 -0.46 -2.57	59.38 -0.34 -3.23	66.24 -0.37 -4.05	80.22 -0.71 -2.05	105.17 0.00 -7.06	100.46 0.74 -6.85	80.87 1.19 -5.06	67.66 1.37 -4.01	52.62 0.94 -2.27	41.50 0.32 -1.30	35.29 0.00 -0.87
CASSADAGA_WT_PWR 323784	30.97 0.90 0.00	27.59 0.73 0.00	26.59 0.65 0.00	24.85 0.37 0.00	24.83 0.32 0.00	25.90 0.78 0.00	28.14 1.00 0.00	32.26 1.00 0.00	33.79 0.73 0.00	36.24 2.05 0.00	39.66 2.03 0.00	42.92 2.12 0.00	48.43 3.17 0.00	54.52 3.52 0.00	60.43 3.95 0.00	67.31 4.75 0.00	82.75 3.86 0.00	103.31 5.20 0.00	98.54 5.67 0.00	81.41 6.79 0.00	67.69 5.42 0.00	53.17 3.75 0.00	42.40 2.51 0.00	37.38 2.96 0.00
CE_DUNWOOD___DRP 24194	32.47 2.41 0.00	28.93 2.07 0.00	27.79 1.84 0.00	26.20 1.71 0.00	26.20 1.69 0.00	26.88 1.76 0.00	29.25 2.12 0.00	33.63 2.38 0.00	35.74 2.68 0.00	37.24 3.04 0.00	40.79 3.16 0.00	44.15 3.35 0.00	48.89 3.62 0.00	55.29 4.28 0.00	61.00 4.52 0.00	67.44 4.88 0.00	87.31 6.71 -1.71	107.02 7.95 -0.96	100.26 6.97 -0.42	79.47 4.85 0.00	67.36 3.99 -1.10	52.58 3.16 0.00	42.60 2.71 0.00	37.10 2.68 0.00
CE_MILLWOOD___DRP 24193	32.38 2.32 0.00	28.88 2.01 0.00	27.71 1.76 0.00	26.13 1.64 0.00	26.15 1.64 0.00	26.83 1.71 0.00	29.17 2.03 0.00	33.54 2.28 0.00	35.64 2.58 0.00	37.13 2.94 0.00	40.68 3.05 0.00	43.98 3.18 0.00	48.71 3.44 0.00	55.09 4.08 0.00	60.83 4.35 0.00	67.25 4.69 0.00	87.05 6.47 -1.70	106.72 7.65 -0.96	100.07 6.78 -0.41	79.33 4.70 0.00	67.17 3.80 -1.09	52.43 3.01 0.00	42.48 2.59 0.00	37.00 2.58 0.00
CE_NYC2_DRP 24202	32.93 2.86 -0.01	29.29 2.42 -0.01	28.08 2.13 -0.01	26.44 1.96 0.00	26.45 1.94 0.00	27.06 1.93 0.00	29.52 2.39 0.00	34.01 2.75 0.00	36.20 3.14 0.00	39.36 3.52 -1.64	41.86 3.69 -0.54	44.55 3.75 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.11 4.63 0.00	67.50 4.94 0.00	87.63 7.02 -1.72	107.03 7.95 -0.97	100.16 6.87 -0.42	79.18 4.55 0.00	67.23 3.86 -1.09	52.48 3.06 0.00	42.76 2.87 0.00	37.48 3.06 0.00
CE_NYC_DRP 24195	32.83 2.77 0.00	29.17 2.31 0.00	27.94 2.00 0.00	26.35 1.86 0.00	26.37 1.86 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.98 2.72 0.00	36.14 3.07 0.00	37.65 3.45 0.00	41.24 3.61 0.00	44.63 3.84 0.00	49.30 4.03 0.00	55.80 4.79 0.00	61.45 4.97 0.00	67.75 5.19 0.00	87.94 7.34 -1.72	107.52 8.44 -0.97	100.72 7.43 -0.42	79.70 5.07 0.00	67.49 4.11 -1.10	52.73 3.31 0.00	42.88 2.99 0.00	37.38 2.96 0.00
CHAFFEE___LFGE 323603	30.22 0.15 0.00	26.92 0.05 0.00	25.97 0.03 0.00	24.26 -0.22 0.00	24.22 -0.29 0.00	25.22 0.10 0.00	27.21 0.08 0.00	31.01 -0.25 0.00	32.43 -0.63 0.00	34.81 0.62 0.00	38.09 0.45 0.00	41.17 0.37 0.00	46.40 1.13 0.00	52.18 1.17 0.00	57.84 1.35 0.00	64.43 1.88 0.00	79.20 0.32 0.00	99.09 0.98 0.00	94.55 1.67 0.00	78.13 3.51 0.00	65.01 2.74 0.00	51.15 1.73 0.00	40.88 1.00 0.00	36.17 1.75 0.00
CHATEAUG_35_KV_LOAD 355732	29.44 -0.63 0.00	26.30 -0.56 0.00	25.48 -0.47 0.00	24.02 -0.47 0.00	24.07 -0.44 0.00	24.69 -0.43 0.00	26.72 -0.41 0.00	30.98 -0.28 0.00	32.83 -0.23 0.00	33.65 -0.55 0.00	37.14 -0.49 0.00	40.27 -0.53 0.00	43.95 -1.31 0.00	48.92 -2.09 0.00	54.17 -2.32 0.00	59.56 -3.00 0.00	59.76 -3.63 15.50	93.59 -4.51 0.01	88.78 -4.09 0.01	71.71 -2.91 0.00	60.04 -2.24 0.00	47.84 -1.58 0.00	39.13 -0.76 0.00	33.66 -0.76 0.00
CHATEAUG_WT_PWR 323614	29.47 -0.60 0.00	26.33 -0.54 0.00	25.50 -0.44 0.00	24.07 -0.42 0.00	24.12 -0.39 0.00	24.75 -0.38 0.00	26.78 -0.35 0.00	31.04 -0.22 0.00	32.93 -0.13 0.00	33.78 -0.41 0.00	37.26 -0.38 0.00	40.43 -0.37 0.00	44.00 -1.27 0.00	48.81 -2.19 0.00	54.11 -2.37 0.00	59.43 -3.13 0.00	59.29 -3.79 15.81	93.40 -4.71 0.01	88.50 -4.36 0.01	71.49 -3.13 0.00	59.85 -2.43 0.00	47.74 -1.68 0.00	39.25 -0.64 0.00	33.69 -0.72 0.00
CHAT_HIGH_FALL_HYD 323578	29.44 -0.63 0.00	26.30 -0.56 0.00	25.48 -0.47 0.00	24.02 -0.47 0.00	24.07 -0.44 0.00	24.69 -0.43 0.00	26.72 -0.41 0.00	30.98 -0.28 0.00	32.83 -0.23 0.00	33.65 -0.55 0.00	37.14 -0.49 0.00	40.27 -0.53 0.00	43.95 -1.31 0.00	48.92 -2.09 0.00	54.17 -2.32 0.00	59.56 -3.00 0.00	59.76 -3.63 15.50	93.59 -4.51 0.01	88.78 -4.09 0.01	71.71 -2.91 0.00	60.04 -2.24 0.00	47.84 -1.58 0.00	39.13 -0.76 0.00	33.66 -0.76 0.00
CHAUTAUQUA___LFGE 323629	30.67 0.60 0.00	27.35 0.48 0.00	26.36 0.41 0.00	24.63 0.15 0.00	24.61 0.10 0.00	25.65 0.53 0.00	27.73 0.60 0.00	31.69 0.44 0.00	33.20 0.13 0.00	35.59 1.40 0.00	38.95 1.32 0.00	42.14 1.34 0.00	47.48 2.22 0.00	53.45 2.45 0.00	59.19 2.71 0.00	65.93 3.38 0.00	81.09 2.21 0.00	101.45 3.34 0.00	96.68 3.81 0.00	79.85 5.22 0.00	66.45 4.17 0.00	52.24 2.82 0.00	41.76 1.88 0.00	36.82 2.41 0.00
CHERRYST_13_KV_LD 356241	32.98 2.92 0.00	29.28 2.42 0.00	28.05 2.10 0.00	26.44 1.96 0.00	26.45 1.94 0.00	27.13 2.01 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.34 3.27 0.00	37.85 3.66 0.00	41.47 3.84 0.00	44.88 4.08 0.00	49.57 4.30 0.00	56.11 5.10 0.00	61.73 5.25 0.00	68.13 5.57 0.00	88.42 7.81 -1.72	108.11 9.03 -0.97	101.19 7.89 -0.42	80.07 5.45 0.00	67.74 4.36 -1.10	52.98 3.56 0.00	43.04 3.15 0.00	37.51 3.10 0.00

CHESTROR_138KV_BK263 355645	31.93 1.86 0.00	28.50 1.64 0.00	27.40 1.45 0.00	25.83 1.35 0.00	25.86 1.35 0.00	26.50 1.38 0.00	28.76 1.63 0.00	32.98 1.72 0.00	35.01 1.95 0.00	36.45 2.26 0.00	39.93 2.30 0.00	43.21 2.41 0.00	47.98 2.72 0.00	54.22 3.21 0.00	59.87 3.39 0.00	66.31 3.75 0.00	85.52 5.29 -1.35	105.15 6.28 -0.76	98.45 5.57 0.00	78.50 3.88 0.00	66.39 3.11 -1.00	51.89 2.47 0.00	41.96 2.07 0.00	36.48 2.06 0.00
CH_MIDHUDSON___DRP 24192	32.26 2.19 0.00	28.77 1.91 0.00	27.68 1.74 0.00	26.10 1.62 0.00	26.10 1.59 0.00	26.75 1.63 0.00	29.03 1.90 0.00	33.26 2.00 0.00	35.34 2.28 0.00	36.82 2.63 0.00	40.38 2.75 0.00	43.70 2.90 0.00	48.62 3.35 0.00	54.93 3.93 0.00	60.66 4.18 0.00	67.25 4.69 0.00	86.72 6.47 -1.36	106.63 7.75 -0.77	99.84 6.97 0.00	79.55 4.93 0.00	67.45 3.99 -1.18	52.58 3.16 0.00	42.44 2.55 0.00	36.89 2.48 0.00
CH_MISC_IPPS 23765	32.50 2.43 0.00	28.96 2.10 0.00	27.81 1.87 0.00	26.22 1.74 0.00	26.23 1.72 0.00	26.91 1.78 0.00	29.19 2.06 0.00	33.35 2.09 0.00	35.51 2.45 0.00	36.93 2.74 0.00	40.64 3.01 0.00	43.98 3.18 0.00	49.07 3.80 0.00	55.44 4.44 0.00	61.28 4.80 0.00	67.87 5.31 0.00	87.36 7.25 -1.22	107.53 8.73 -0.69	100.76 7.89 0.00	80.29 5.67 0.00	67.97 4.54 -1.15	52.98 3.56 0.00	42.72 2.83 0.00	36.93 2.51 0.00
CH_RES_BVR_FALLS 23983	29.74 -0.33 0.00	26.57 -0.29 0.00	25.68 -0.26 0.00	24.24 -0.24 0.00	24.26 -0.25 0.00	24.87 -0.25 0.00	26.86 -0.27 0.00	30.82 -0.44 0.00	32.63 -0.43 0.00	33.58 -0.61 0.00	37.03 -0.60 0.00	40.15 -0.65 0.00	44.05 -1.22 0.00	49.37 -1.63 0.00	54.67 -1.81 0.00	60.43 -2.13 0.00	51.67 -2.60 24.62	94.87 -3.24 0.01	89.80 -3.06 0.01	72.23 -2.39 0.00	60.35 -1.93 0.00	47.98 -1.43 0.00	39.09 -0.80 0.00	33.66 -0.76 0.00
CH_RES_NIAGARA 23895	28.93 -1.14 0.00	25.87 -0.99 0.00	24.78 -1.17 0.00	23.31 -1.18 0.00	23.26 -1.25 0.00	24.27 -0.85 0.00	26.07 -1.06 0.00	29.54 -1.72 0.00	30.88 -2.18 0.00	32.41 -1.78 0.00	36.16 -1.47 0.00	39.21 -1.59 0.00	44.09 -1.18 0.00	49.37 -1.63 0.00	54.67 -1.81 0.00	60.68 -1.88 0.00	74.39 -4.50 0.00	93.40 -4.71 0.00	88.97 -3.90 0.00	73.88 -0.75 0.00	61.65 -0.62 0.00	48.43 -0.99 0.00	38.97 -0.92 0.00	33.07 -1.34 0.00
CH_RES_SYRACUSE 23985	31.01 0.06 -0.88	27.17 0.03 -0.27	26.02 -0.03 -0.10	24.44 -0.05 0.00	24.44 -0.07 0.00	25.10 -0.03 0.00	27.56 0.00 -0.43	32.32 0.06 -1.00	34.30 -0.03 -1.27	35.90 0.27 -1.43	39.57 0.00 -1.94	43.25 0.00 -2.45	48.19 0.23 -2.69	54.66 0.36 -3.29	61.02 0.40 -4.14	68.31 0.56 -5.19	86.42 0.40 -7.14	107.84 0.69 -9.04	102.39 0.74 -8.77	82.00 0.90 -6.48	68.16 0.75 -5.14	52.87 0.54 -2.90	41.87 0.32 -1.66	36.01 0.48 -1.12
CLINTON_WT_PWR 323605	29.47 -0.60 0.00	26.33 -0.54 0.00	25.50 -0.44 0.00	24.07 -0.42 0.00	24.12 -0.39 0.00	24.75 -0.38 0.00	26.78 -0.35 0.00	31.04 -0.22 0.00	32.93 -0.13 0.00	33.78 -0.41 0.00	37.26 -0.38 0.00	40.43 -0.37 0.00	44.00 -1.27 0.00	48.81 -2.19 0.00	54.11 -2.37 0.00	59.43 -3.13 0.00	59.29 -3.79 15.81	93.40 -4.71 0.01	88.50 -4.36 0.01	71.49 -3.13 0.00	59.85 -2.43 0.00	47.74 -1.68 0.00	39.25 -0.64 0.00	33.69 -0.72 0.00
CLINTON___LFGE 323618	29.77 -0.30 0.00	26.62 -0.24 0.00	25.79 -0.15 0.00	24.31 -0.17 0.00	24.39 -0.12 0.00	25.02 -0.10 0.00	27.10 -0.03 0.00	31.45 0.19 0.00	33.33 0.26 0.00	34.19 0.00 0.00	37.75 0.11 0.00	40.92 0.12 0.00	44.27 -1.00 0.00	48.87 -2.14 0.00	54.11 -2.37 0.00	59.37 -3.19 0.00	59.29 -3.86 15.73	93.30 -4.81 0.01	88.50 -4.36 0.01	71.64 -2.99 0.00	60.16 -2.12 0.00	48.09 -1.33 0.00	39.73 -0.16 0.00	34.11 -0.31 0.00
COBBLENY_34_KV_TB1 80064	30.16 0.09 0.00	26.92 0.05 0.00	25.79 -0.16 0.00	24.24 -0.24 0.00	24.22 -0.29 0.00	25.22 0.10 0.00	27.19 0.05 0.00	31.01 -0.25 0.00	32.43 -0.63 0.00	34.12 -0.07 0.00	37.93 0.30 0.00	41.17 0.37 0.00	46.40 1.13 0.00	52.13 1.12 0.00	57.84 1.36 0.00	64.25 1.69 0.00	79.12 0.24 0.00	99.09 0.98 0.00	94.45 1.58 0.00	78.21 3.58 0.00	65.08 2.80 0.00	51.05 1.63 0.00	40.88 1.00 0.00	34.69 0.28 0.00
COFFEEN___115KV_TB3 355620	31.05 0.24 -0.74	27.31 0.21 -0.23	26.11 0.08 -0.08	24.53 0.05 0.00	24.61 0.10 0.00	25.30 0.18 0.00	27.82 0.33 -0.36	32.31 0.09 -0.96	34.21 -0.07 -1.21	35.46 -0.10 -1.37	39.41 -0.08 -1.85	43.06 -0.08 -2.34	47.98 0.14 -2.58	54.36 0.20 -3.15	60.83 0.40 -3.95	67.96 0.44 -4.96	83.11 0.32 -3.91	108.22 1.47 -8.64	103.58 2.32 -8.39	83.50 2.69 -6.19	69.93 2.74 -4.91	54.12 1.93 -2.78	42.47 1.00 -1.59	35.90 0.41 -1.07
COLDSPRG_115KV_BK1 355956	30.91 0.84 0.00	27.62 0.75 0.00	26.44 0.49 0.00	24.85 0.37 0.00	24.85 0.34 0.00	25.93 0.80 0.00	28.19 1.06 0.00	32.35 1.09 0.00	34.09 1.02 0.00	35.94 1.74 0.00	39.81 2.18 0.00	43.21 2.41 0.00	48.75 3.49 0.00	54.88 3.88 0.00	60.89 4.41 0.00	67.63 5.07 0.00	83.38 4.50 0.00	104.20 6.08 0.00	99.37 6.50 0.00	82.16 7.54 0.00	68.19 5.92 0.00	53.42 4.00 0.00	42.64 2.75 0.00	36.24 1.82 0.00
COLONIE_LFGE___ 323577	31.42 1.35 0.00	28.13 1.26 0.00	27.16 1.22 0.00	25.64 1.15 0.00	25.66 1.15 0.00	26.28 1.16 0.00	28.35 1.22 0.00	32.47 1.22 0.00	34.35 1.29 0.00	35.59 1.40 0.00	39.14 1.51 0.00	42.51 1.71 0.00	47.21 1.95 0.00	53.30 2.30 0.00	59.03 2.54 0.00	65.64 3.06 -0.01	96.20 4.10 -13.22	110.56 5.00 -7.45	104.97 4.92 -7.18	78.35 3.73 0.00	75.84 3.24 -10.32	51.94 2.52 0.00	41.76 1.88 0.00	35.86 1.45 0.00
COOPERNY_115KV_TB1 80082	31.42 1.35 0.00	28.05 1.18 0.00	27.03 1.09 0.00	25.49 1.00 0.00	25.51 1.00 0.00	26.15 1.03 0.00	28.33 1.19 0.00	32.51 1.25 0.00	34.48 1.42 0.00	35.83 1.64 0.00	39.33 1.69 0.00	42.55 1.75 0.00	47.26 1.99 0.00	53.35 2.35 0.00	58.97 2.49 0.00	65.31 2.75 0.00	82.67 3.79 0.00	102.63 4.51 0.00	96.87 3.99 0.00	77.39 2.76 0.00	65.35 2.30 -0.76	51.30 1.88 0.00	41.44 1.56 0.00	35.93 1.51 0.00
COPENHAGEN_WT_PWR 323753	30.82 -0.03 -0.78	27.08 -0.03 -0.24	25.90 -0.13 -0.09	24.34 -0.15 0.00	24.39 -0.12 0.00	25.10 -0.03 0.00	27.59 0.08 -0.38	32.14 -0.12 -1.01	34.07 -0.27 -1.27	35.39 -0.24 -1.44	39.23 -0.34 -1.94	42.93 -0.33 -2.45	47.79 -0.18 -2.70	54.16 -0.15 -3.30	60.63 0.00 -4.15	67.76 0.00 -5.20	82.98 -0.31 -4.41	107.67 0.49 -9.06	102.87 1.20 -8.80	82.76 1.64 -6.49	69.17 1.74 -5.15	53.57 1.24 -2.91	42.07 0.52 -1.67	35.74 0.21 -1.12
CORNELL_____ 23752	31.43 0.90 -0.46	27.79 0.78 -0.14	26.64 0.65 -0.05	25.07 0.59 0.00	25.10 0.59 0.00	25.82 0.70 0.00	28.17 0.81 -0.22	32.68 0.88 -0.55	34.52 0.76 -0.69	35.97 0.99 -0.79	39.75 1.05 -1.06	43.28 1.14 -1.34	48.28 1.54 -1.48	54.65 1.84 -1.81	60.95 2.20 -2.27	68.03 2.63 -2.85	85.80 3.00 -3.92	107.49 4.42 -4.96	102.24 4.55 -4.81	82.50 4.33 -3.55	69.04 3.61 -3.15	53.63 2.62 -1.59	42.67 1.87 -0.91	36.34 1.31 -0.61

CORONA__69_KV_TB1 355595	37.51 3.22 -4.23	36.06 2.74 -6.46	35.05 2.44 -6.67	31.84 2.28 -5.07	31.38 2.25 -4.62	33.38 2.34 -5.92	33.67 2.74 -3.79	35.83 3.09 -1.48	37.32 3.47 -0.79	38.74 3.86 -0.69	42.79 4.10 -1.06	49.61 4.37 -4.45	55.25 4.75 -5.23	61.48 5.46 -5.02	67.32 5.70 -5.13	79.62 6.13 -10.93	95.03 8.36 -7.78	108.99 9.91 -0.97	102.21 8.92 -0.42	80.97 6.34 0.00	68.61 5.23 -1.10	56.55 4.35 -2.79	45.59 3.79 -1.92	40.47 3.58 -2.47
CORTLAND__115KV_TB3 80093	31.21 0.69 -0.45	27.62 0.62 -0.14	26.51 0.52 -0.05	24.95 0.47 0.00	24.98 0.47 0.00	25.70 0.58 0.00	28.00 0.65 -0.22	32.49 0.69 -0.55	34.39 0.63 -0.69	35.80 0.82 -0.79	39.56 0.87 -1.06	43.12 0.98 -1.34	48.06 1.31 -1.48	54.39 1.58 -1.80	60.61 1.86 -2.27	67.59 2.19 -2.84	85.32 2.52 -3.91	106.60 3.53 -4.95	101.30 3.62 -4.81	81.53 3.36 -3.55	67.96 2.86 -2.81	53.09 2.08 -1.59	42.27 1.48 -0.91	36.06 1.03 -0.61
COXSACKIE__GT 23611	32.35 2.28 0.00	28.85 1.99 0.00	27.92 1.97 0.00	26.30 1.81 0.00	26.28 1.77 0.00	26.95 1.83 0.00	29.03 1.90 0.00	32.57 1.31 0.00	34.29 1.22 0.00	35.56 1.37 0.00	39.02 1.39 0.00	42.43 1.63 0.00	47.17 1.90 0.00	53.15 2.14 0.00	59.03 2.54 0.00	65.85 3.31 0.02	67.37 5.52 17.04	95.97 7.45 9.60	93.28 8.08 7.67	80.67 6.04 0.00	71.61 4.86 -4.47	53.32 3.90 0.00	43.08 3.19 0.00	36.82 2.41 0.00
CPV_VALLEY__CC1 323721	31.69 1.62 0.00	28.26 1.40 0.00	27.19 1.25 0.00	25.64 1.15 0.00	25.66 1.15 0.00	26.33 1.21 0.00	28.51 1.38 0.00	32.73 1.47 0.00	34.75 1.69 0.00	36.04 1.85 0.00	39.62 1.99 0.00	42.88 2.08 0.00	47.57 2.31 0.00	53.76 2.75 0.00	59.36 2.88 0.00	65.69 3.13 0.00	84.45 4.42 -1.15	103.96 5.20 -0.65	97.52 4.64 0.00	77.76 3.13 0.00	65.67 2.49 -0.90	51.45 2.03 0.00	41.60 1.71 0.00	36.00 1.58 0.00
CPV_VALLEY__CC2 323722	31.69 1.62 0.00	28.26 1.40 0.00	27.19 1.25 0.00	25.64 1.15 0.00	25.66 1.15 0.00	26.33 1.21 0.00	28.51 1.38 0.00	32.73 1.47 0.00	34.75 1.69 0.00	36.04 1.85 0.00	39.62 1.99 0.00	42.88 2.08 0.00	47.57 2.31 0.00	53.76 2.75 0.00	59.36 2.88 0.00	65.69 3.13 0.00	84.45 4.42 -1.15	103.96 5.20 -0.65	97.52 4.64 0.00	77.76 3.13 0.00	65.67 2.49 -0.90	51.45 2.03 0.00	41.60 1.71 0.00	36.00 1.58 0.00
CRESCENT__HYD 24018	31.42 1.35 0.00	28.13 1.26 0.00	27.16 1.22 0.00	25.64 1.15 0.00	25.66 1.15 0.00	26.28 1.16 0.00	28.35 1.22 0.00	32.47 1.22 0.00	34.35 1.29 0.00	35.59 1.40 0.00	39.14 1.51 0.00	42.51 1.71 0.00	47.21 1.95 0.00	53.30 2.30 0.00	59.03 2.54 0.00	65.64 3.06 -0.01	96.20 4.10 -13.22	110.56 5.00 -7.45	104.97 4.92 -7.18	78.35 3.73 0.00	75.84 3.24 -10.32	51.94 2.52 0.00	41.76 1.88 0.00	35.86 1.45 0.00
CRICKET__VALLEY_CC1 323756	31.93 1.86 0.00	28.53 1.67 0.00	27.47 1.53 0.00	25.90 1.42 0.00	25.93 1.42 0.00	26.55 1.43 0.00	28.79 1.66 0.00	33.04 1.78 0.00	35.05 1.98 0.00	36.31 2.12 0.00	39.93 2.30 0.00	43.29 2.49 0.00	47.98 2.72 0.00	54.27 3.27 0.00	59.98 3.50 0.00	66.50 3.94 0.00	86.76 5.44 -2.43	105.77 6.28 -1.37	99.42 5.67 -0.88	78.65 4.03 0.00	66.88 3.24 -1.36	51.99 2.57 0.00	42.00 2.11 0.00	36.24 1.82 0.00
CRICKET__VALLEY_CC2 323757	31.93 1.86 0.00	28.53 1.67 0.00	27.47 1.53 0.00	25.90 1.42 0.00	25.93 1.42 0.00	26.55 1.43 0.00	28.79 1.66 0.00	33.04 1.78 0.00	35.05 1.98 0.00	36.31 2.12 0.00	39.93 2.30 0.00	43.29 2.49 0.00	47.98 2.72 0.00	54.27 3.27 0.00	59.98 3.50 0.00	66.50 3.94 0.00	86.76 5.44 -2.43	105.77 6.28 -1.37	99.42 5.67 -0.88	78.65 4.03 0.00	66.88 3.24 -1.36	51.99 2.57 0.00	42.00 2.11 0.00	36.24 1.82 0.00
CRICKET__VALLEY_CC3 323758	31.93 1.86 0.00	28.53 1.67 0.00	27.47 1.53 0.00	25.90 1.42 0.00	25.93 1.42 0.00	26.55 1.43 0.00	28.79 1.66 0.00	33.04 1.78 0.00	35.05 1.98 0.00	36.31 2.12 0.00	39.93 2.30 0.00	43.29 2.49 0.00	47.98 2.72 0.00	54.27 3.27 0.00	59.98 3.50 0.00	66.50 3.94 0.00	86.76 5.44 -2.43	105.77 6.28 -1.37	99.42 5.67 -0.88	78.65 4.03 0.00	66.88 3.24 -1.36	51.99 2.57 0.00	42.00 2.11 0.00	36.24 1.82 0.00
CRUCIBLE__METL_DRP 24180	30.98 0.03 -0.88	27.17 0.03 -0.27	25.99 -0.05 -0.10	24.44 -0.05 0.00	24.44 -0.07 0.00	25.10 -0.03 0.00	27.56 0.00 -0.43	32.32 0.06 -1.00	34.30 -0.03 -1.27	35.80 0.17 -1.43	39.57 0.00 -1.94	43.25 0.00 -2.45	48.19 0.23 -2.69	54.66 0.36 -3.29	61.01 0.40 -4.14	68.25 0.50 -5.19	86.42 0.39 -7.14	107.84 0.69 -9.04	102.39 0.74 -8.77	82.07 0.97 -6.48	68.16 0.75 -5.14	52.87 0.54 -2.90	41.87 0.32 -1.66	35.77 0.24 -1.12
DAHOWA__HYDRO 323763	31.90 1.83 0.00	28.53 1.67 0.00	27.50 1.56 0.00	25.90 1.42 0.00	25.93 1.42 0.00	26.60 1.48 0.00	28.70 1.57 0.00	32.88 1.62 0.00	34.75 1.69 0.00	36.00 1.81 0.00	39.51 1.88 0.00	42.92 2.12 0.00	47.85 2.58 0.00	53.86 2.85 0.00	59.70 3.22 0.00	66.51 3.94 -0.01	92.78 5.21 -8.69	109.77 6.76 -4.90	104.99 7.25 -4.86	80.60 5.97 0.00	79.52 5.29 -11.95	53.52 4.10 0.00	42.76 2.87 0.00	36.65 2.24 0.00
DANC__LFGE 323619	30.90 -0.15 -0.98	27.01 -0.16 -0.31	25.82 -0.23 -0.11	24.24 -0.24 0.00	24.29 -0.22 0.00	24.97 -0.15 0.00	27.53 -0.08 -0.47	32.27 -0.25 -1.26	34.30 -0.36 -1.59	35.69 -0.31 -1.80	39.65 -0.41 -2.44	43.43 -0.45 -3.08	48.39 -0.27 -3.39	54.90 -0.25 -4.15	61.52 -0.17 -5.21	68.84 -0.25 -6.53	85.48 -0.55 -7.14	109.39 -0.10 -11.38	104.38 0.47 -11.04	83.67 0.90 -8.15	69.74 0.99 -6.47	53.82 0.74 -3.65	42.22 0.24 -2.09	35.89 0.07 -1.41
DANSKAMMER__1 23586	32.50 2.43 0.00	28.96 2.10 0.00	27.81 1.87 0.00	26.22 1.74 0.00	26.23 1.72 0.00	26.91 1.78 0.00	29.19 2.06 0.00	33.35 2.09 0.00	35.51 2.45 0.00	36.93 2.74 0.00	40.64 3.01 0.00	43.98 3.18 0.00	49.07 3.80 0.00	55.44 4.44 0.00	61.28 4.80 0.00	67.87 5.31 0.00	87.36 7.25 -1.22	107.53 8.73 -0.69	100.76 7.89 0.00	80.29 5.67 0.00	67.97 4.54 -1.15	52.98 3.56 0.00	42.72 2.83 0.00	36.93 2.51 0.00
DANSKAMMER__2 23589	32.50 2.43 0.00	28.96 2.10 0.00	27.81 1.87 0.00	26.22 1.74 0.00	26.23 1.72 0.00	26.91 1.78 0.00	29.19 2.06 0.00	33.35 2.09 0.00	35.51 2.45 0.00	36.93 2.74 0.00	40.64 3.01 0.00	43.98 3.18 0.00	49.07 3.80 0.00	55.44 4.44 0.00	61.28 4.80 0.00	67.87 5.31 0.00	87.36 7.25 -1.22	107.53 8.73 -0.69	100.76 7.89 0.00	80.29 5.67 0.00	67.97 4.54 -1.15	52.98 3.56 0.00	42.72 2.83 0.00	36.93 2.51 0.00
DANSKAMMER__3 23590	32.50 2.43 0.00	28.96 2.10 0.00	27.81 1.87 0.00	26.22 1.74 0.00	26.23 1.72 0.00	26.91 1.78 0.00	29.19 2.06 0.00	33.35 2.09 0.00	35.51 2.45 0.00	36.93 2.74 0.00	40.64 3.01 0.00	43.98 3.18 0.00	49.07 3.80 0.00	55.44 4.44 0.00	61.28 4.80 0.00	67.87 5.31 0.00	87.36 7.25 -1.22	107.53 8.73 -0.69	100.76 7.89 0.00	80.29 5.67 0.00	67.97 4.54 -1.15	52.98 3.56 0.00	42.72 2.83 0.00	36.93 2.51 0.00

DANSKAMMER___4 23591	32.50 2.43 0.00	28.96 2.10 0.00	27.81 1.87 0.00	26.22 1.74 0.00	26.23 1.72 0.00	26.91 1.78 0.00	29.19 2.06 0.00	33.35 2.09 0.00	35.51 2.45 0.00	36.93 2.74 0.00	40.64 3.01 0.00	43.98 3.18 0.00	49.07 3.80 0.00	55.44 4.44 0.00	61.28 4.80 0.00	67.87 5.31 0.00	87.36 7.25 -1.22	107.53 8.73 -0.69	100.76 7.89 0.00	80.29 5.67 0.00	67.97 4.54 -1.15	52.98 3.56 0.00	42.72 2.83 0.00	36.93 2.51 0.00
DANSKAMMER___DIESEL 23592	32.47 2.41 0.00	28.96 2.10 0.00	27.81 1.87 0.00	26.22 1.74 0.00	26.23 1.72 0.00	26.91 1.78 0.00	29.19 2.06 0.00	33.35 2.09 0.00	35.51 2.45 0.00	37.06 2.87 0.00	40.64 3.01 0.00	43.98 3.18 0.00	49.07 3.80 0.00	55.44 4.44 0.00	61.28 4.80 0.00	67.94 5.38 0.00	87.36 7.26 -1.22	107.53 8.73 -0.69	100.77 7.89 0.00	80.30 5.67 0.00	68.04 4.61 -1.15	52.98 3.56 0.00	42.76 2.87 0.00	37.13 2.72 0.00
DARBY___SOLAR 323810	31.81 1.74 0.00	28.45 1.58 0.00	27.45 1.50 0.00	25.86 1.37 0.00	25.88 1.37 0.00	26.53 1.41 0.00	28.65 1.52 0.00	32.82 1.56 0.00	34.68 1.62 0.00	35.97 1.78 0.00	39.48 1.84 0.00	42.88 2.08 0.00	47.75 2.49 0.00	53.76 2.75 0.00	59.59 3.10 0.00	66.38 3.82 -0.01	93.21 5.05 -9.27	109.81 6.47 -5.22	104.81 6.78 -5.16	80.15 5.52 0.00	78.90 4.86 -11.76	53.17 3.75 0.00	42.56 2.67 0.00	36.52 2.10 0.00
DASHVILLE___HYD 23610	32.14 2.07 0.00	28.64 1.77 0.00	27.53 1.58 0.00	25.95 1.47 0.00	25.96 1.45 0.00	26.58 1.46 0.00	28.84 1.71 0.00	32.98 1.72 0.00	35.05 1.98 0.00	36.55 2.36 0.00	40.08 2.45 0.00	43.29 2.49 0.00	48.39 3.12 0.00	54.63 3.62 0.00	60.38 3.90 0.00	66.81 4.25 0.00	81.87 6.71 3.72	104.06 8.05 2.10	98.15 7.15 1.88	79.03 4.40 0.00	67.16 2.93 -1.96	52.29 2.87 0.00	42.12 2.23 0.00	36.69 2.27 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	38.02 3.73 -4.23	36.41 3.09 -6.46	35.39 2.78 -6.67	32.18 2.62 -5.07	31.80 2.67 -4.62	33.88 2.84 -5.92	34.29 3.36 -3.79	36.61 3.88 -1.48	38.32 4.46 -0.79	40.01 5.13 -0.69	44.48 5.76 -1.09	78.98 6.53 -31.65	92.35 7.11 -39.98	138.23 8.37 -78.85	150.24 9.15 -84.61	172.53 10.20 -99.78	239.04 12.62 -147.53	234.71 15.01 -121.59	305.45 14.58 -197.99	146.55 10.75 -61.18	133.99 8.41 -63.31	61.01 6.72 -4.87	46.87 5.07 -1.92	41.57 4.68 -2.48
DELAWARE___LFGE 323621	31.45 1.23 -0.15	28.01 1.10 -0.05	27.02 1.06 -0.02	25.49 1.00 0.00	25.51 1.00 0.00	26.15 1.03 0.00	28.31 1.11 -0.07	32.56 1.13 -0.18	34.48 1.19 -0.23	35.85 1.40 -0.26	39.44 1.47 -0.35	42.79 1.55 -0.44	47.65 1.90 -0.48	53.74 2.14 -0.59	59.65 2.43 -0.74	66.24 2.75 -0.93	83.55 3.39 -1.27	104.14 4.42 -1.61	98.71 4.27 -1.57	79.06 3.28 -1.16	67.66 2.86 -2.52	52.16 2.22 -0.52	41.90 1.72 -0.30	36.06 1.45 -0.20
DERFIELD_115KV_TB7 355931	30.34 0.27 0.00	27.11 0.24 0.00	26.18 0.23 0.00	24.71 0.22 0.00	24.73 0.22 0.00	25.35 0.23 0.00	27.38 0.24 0.00	31.48 0.22 0.00	33.29 0.23 0.00	34.50 0.31 0.00	37.93 0.30 0.00	41.13 0.33 0.00	45.67 0.41 0.00	51.47 0.46 0.00	57.05 0.56 0.00	63.18 0.63 0.00	80.49 0.79 -0.81	99.19 1.08 0.00	93.90 1.02 0.00	75.37 0.75 0.00	62.90 0.62 0.00	49.91 0.49 0.00	40.29 0.40 0.00	34.76 0.34 0.00
DOGLEVILLE___HYD 23807	30.79 0.72 0.00	27.51 0.64 0.00	26.57 0.62 0.00	25.05 0.56 0.00	25.10 0.59 0.00	25.72 0.60 0.00	27.81 0.68 0.00	31.91 0.66 0.00	33.72 0.66 0.00	34.94 0.75 0.00	38.35 0.71 0.00	41.57 0.77 0.00	46.26 0.99 0.00	52.18 1.17 0.00	57.84 1.35 0.00	64.12 1.56 0.00	81.67 1.97 -0.81	100.76 2.65 0.00	95.38 2.51 0.00	76.56 1.94 0.00	63.96 1.68 0.00	50.70 1.28 0.00	40.92 1.04 0.00	35.28 0.86 0.00
DUNKIRK___115KV_TB_200 55889	30.52 0.45 0.00	27.29 0.43 0.00	26.13 0.18 0.00	24.56 0.07 0.00	24.53 0.02 0.00	25.57 0.45 0.00	27.65 0.52 0.00	31.60 0.34 0.00	33.10 0.03 0.00	34.81 0.62 0.00	38.72 1.09 0.00	41.98 1.18 0.00	47.30 2.04 0.00	53.20 2.19 0.00	58.97 2.49 0.00	65.50 2.94 0.00	80.78 1.89 0.00	101.06 2.94 0.00	96.31 3.44 0.00	79.62 5.00 0.00	66.20 3.92 0.00	51.94 2.52 0.00	41.60 1.72 0.00	35.31 0.89 0.00
DUNKIRK___1 23563	30.52 0.45 0.00	27.29 0.43 0.00	26.13 0.18 0.00	24.56 0.07 0.00	24.53 0.02 0.00	25.57 0.45 0.00	27.65 0.52 0.00	31.60 0.34 0.00	33.10 0.03 0.00	34.81 0.62 0.00	38.72 1.09 0.00	41.98 1.18 0.00	47.30 2.04 0.00	53.20 2.19 0.00	58.97 2.49 0.00	65.50 2.94 0.00	80.78 1.89 0.00	101.06 2.94 0.00	96.31 3.44 0.00	79.62 5.00 0.00	66.20 3.92 0.00	51.94 2.52 0.00	41.60 1.72 0.00	35.31 0.89 0.00
DUNKIRK___2 23564	30.52 0.45 0.00	27.29 0.43 0.00	26.13 0.18 0.00	24.56 0.07 0.00	24.53 0.02 0.00	25.57 0.45 0.00	27.65 0.52 0.00	31.60 0.34 0.00	33.10 0.03 0.00	34.81 0.62 0.00	38.72 1.09 0.00	41.98 1.18 0.00	47.30 2.04 0.00	53.20 2.19 0.00	58.97 2.49 0.00	65.50 2.94 0.00	80.78 1.89 0.00	101.06 2.94 0.00	96.31 3.44 0.00	79.62 5.00 0.00	66.20 3.92 0.00	51.94 2.52 0.00	41.60 1.72 0.00	35.31 0.89 0.00
DUNKIRK___3 23565	30.31 0.24 0.00	27.11 0.24 0.00	25.94 0.00 0.00	24.41 -0.07 0.00	24.39 -0.12 0.00	25.40 0.28 0.00	27.40 0.27 0.00	31.29 0.03 0.00	32.77 -0.30 0.00	34.47 0.27 0.00	38.31 0.68 0.00	41.53 0.73 0.00	46.81 1.54 0.00	52.59 1.58 0.00	58.35 1.86 0.00	64.81 2.25 0.00	79.83 0.95 0.00	99.98 1.86 0.00	95.29 2.41 0.00	78.73 4.10 0.00	65.52 3.24 0.00	51.40 1.98 0.00	41.20 1.32 0.00	35.00 0.59 0.00
DUNKIRK___4 23566	30.31 0.24 0.00	27.11 0.24 0.00	25.94 0.00 0.00	24.41 -0.07 0.00	24.39 -0.12 0.00	25.40 0.28 0.00	27.40 0.27 0.00	31.29 0.03 0.00	32.77 -0.30 0.00	34.47 0.27 0.00	38.31 0.68 0.00	41.53 0.73 0.00	46.81 1.54 0.00	52.59 1.58 0.00	58.35 1.86 0.00	64.81 2.25 0.00	79.83 0.95 0.00	99.98 1.86 0.00	95.29 2.41 0.00	78.73 4.10 0.00	65.52 3.24 0.00	51.40 1.98 0.00	41.20 1.32 0.00	35.00 0.59 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.59 2.53 0.00	29.01 2.15 0.00	27.84 1.89 0.00	26.25 1.76 0.00	26.27 1.76 0.00	26.96 1.83 0.00	29.33 2.20 0.00	33.76 2.50 0.00	35.87 2.81 0.00	37.37 3.18 0.00	40.94 3.31 0.00	44.31 3.51 0.00	49.02 3.76 0.00	55.44 4.44 0.00	61.17 4.69 0.00	67.63 5.07 0.00	87.63 7.02 -1.72	107.32 8.24 -0.97	100.54 7.24 -0.42	79.70 5.07 0.00	67.49 4.11 -1.10	52.73 3.31 0.00	42.72 2.83 0.00	37.20 2.79 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.20 2.13 0.00	28.69 1.83 0.00	27.58 1.63 0.00	26.00 1.52 0.00	26.03 1.52 0.00	26.68 1.56 0.00	28.95 1.82 0.00	33.13 1.88 0.00	35.21 2.15 0.00	36.72 2.53 0.00	40.23 2.60 0.00	43.53 2.73 0.00	48.44 3.17 0.00	54.73 3.72 0.00	60.49 4.01 0.00	66.94 4.38 0.00	86.09 6.15 -1.05	106.06 7.36 -0.59	99.47 6.59 0.00	79.25 4.63 0.00	67.12 3.74 -1.11	52.38 2.97 0.00	42.28 2.39 0.00	36.76 2.34 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	32.96 2.89 -0.01	29.34 2.47 -0.01	28.16 2.21 -0.01	26.49 2.01 0.00	26.50 1.99 0.00	27.01 1.88 0.00	29.38 2.25 0.00	33.85 2.59 0.00	36.07 3.01 0.00	37.57 3.39 0.01	41.12 3.50 0.01	44.35 3.55 0.00	48.98 3.71 0.00	55.39 4.39 0.00	60.83 4.35 0.00	67.19 4.63 0.00	87.23 6.63 -1.72	106.44 7.36 -0.97	99.61 6.32 -0.42	78.80 4.18 0.00	67.05 3.67 -1.09	52.24 2.82 0.00	42.60 2.71 0.00	37.51 3.10 0.00
E179THST_13_KV_LOAD 356214	33.17 3.10 -0.01	29.50 2.63 -0.01	28.31 2.36 -0.01	26.64 2.15 0.00	26.64 2.13 0.00	27.16 2.03 0.00	29.57 2.44 0.00	34.07 2.81 0.00	36.30 3.24 0.00	37.81 3.62 0.01	41.42 3.80 0.01	44.68 3.88 0.00	49.34 4.07 0.00	55.80 4.79 0.00	61.23 4.74 0.00	67.69 5.13 0.00	87.86 7.26 -1.72	107.32 8.24 -0.97	100.44 7.15 -0.42	79.40 4.78 0.00	67.54 4.17 -1.09	52.58 3.16 0.00	42.88 2.99 0.00	37.75 3.34 0.00
EAST HAMPTON___GT 23717	37.99 3.70 -4.23	36.39 3.06 -6.46	35.36 2.75 -6.67	32.18 2.62 -5.07	31.82 2.70 -4.62	33.98 2.94 -5.92	34.45 3.53 -3.79	36.86 4.13 -1.48	38.61 4.76 -0.79	40.07 5.20 -0.69	45.05 6.32 -1.09	79.68 7.22 -31.66	93.17 7.92 -39.99	139.16 9.28 -78.87	151.34 10.23 -84.63	173.81 11.45 -99.80	241.20 14.75 -147.56	235.53 15.80 -121.62	306.98 16.07 -198.03	147.84 12.02 -61.19	134.81 9.22 -63.32	61.70 7.41 -4.87	47.32 5.51 -1.92	41.88 4.99 -2.48
EAST RIVER___6 23660	32.89 2.83 0.00	29.12 2.26 0.00	27.86 1.92 0.00	26.25 1.76 0.00	26.28 1.77 0.00	26.95 1.83 0.00	29.44 2.30 0.00	33.91 2.66 0.00	36.10 3.04 0.00	37.51 3.32 0.00	41.17 3.54 0.00	44.59 3.80 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.23 4.75 0.00	67.44 4.88 0.00	87.62 7.02 -1.72	107.02 7.94 -0.97	100.16 6.87 -0.42	79.25 4.63 0.00	67.05 3.67 -1.10	52.53 3.12 0.00	42.76 2.87 0.00	37.07 2.65 0.00
EAST RIVER___7 23524	32.89 2.83 0.00	29.12 2.26 0.00	27.86 1.92 0.00	26.25 1.76 0.00	26.28 1.77 0.00	26.95 1.83 0.00	29.44 2.30 0.00	33.91 2.66 0.00	36.10 3.04 0.00	37.51 3.32 0.00	41.17 3.54 0.00	44.59 3.80 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.23 4.75 0.00	67.44 4.88 0.00	87.62 7.02 -1.72	107.02 7.94 -0.97	100.16 6.87 -0.42	79.25 4.63 0.00	67.05 3.67 -1.10	52.53 3.12 0.00	42.76 2.87 0.00	37.07 2.65 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.47 2.41 0.00	28.93 2.07 0.00	27.79 1.84 0.00	26.20 1.71 0.00	26.20 1.69 0.00	26.88 1.76 0.00	29.25 2.12 0.00	33.63 2.38 0.00	35.74 2.68 0.00	37.24 3.04 0.00	40.79 3.16 0.00	44.15 3.35 0.00	48.89 3.62 0.00	55.29 4.28 0.00	61.00 4.52 0.00	67.44 4.88 0.00	87.31 6.71 -1.71	107.02 7.95 -0.96	100.26 6.97 -0.42	79.47 4.85 0.00	67.36 3.99 -1.10	52.58 3.16 0.00	42.60 2.71 0.00	37.10 2.68 0.00
EAST_HAMPTON___DIESEL 23722	37.93 3.64 -4.23	36.33 3.01 -6.46	35.31 2.70 -6.67	32.13 2.57 -5.07	31.78 2.65 -4.62	33.96 2.91 -5.92	34.43 3.50 -3.79	36.83 4.09 -1.48	38.58 4.73 -0.79	40.04 5.16 -0.69	45.01 6.28 -1.09	79.68 7.22 -31.66	93.13 7.88 -39.99	139.16 9.28 -78.87	151.27 10.16 -84.63	173.74 11.39 -99.80	241.12 14.67 -147.56	235.53 15.80 -121.61	306.89 15.98 -198.03	147.84 12.02 -61.19	134.76 9.16 -63.32	61.66 7.36 -4.87	47.32 5.51 -1.92	41.85 4.96 -2.48
EAST_POINT___SOLAR 323840	32.93 2.86 0.00	29.50 2.63 0.00	28.36 2.41 0.00	26.69 2.20 0.00	26.74 2.23 0.00	27.41 2.29 0.00	29.33 2.20 0.00	32.57 1.31 0.00	34.09 1.03 0.00	35.18 0.99 0.00	38.72 1.09 0.00	42.02 1.22 0.00	47.12 1.86 0.00	53.15 2.14 0.00	58.96 2.48 0.00	65.81 3.25 0.00	86.56 3.86 -3.81	107.42 7.16 -2.15	106.21 11.05 -2.29	84.55 9.93 0.00	82.54 8.72 -11.55	55.99 6.57 0.00	44.63 4.74 0.00	38.24 3.82 0.00
EAST_PULASKI___ESR 323781	31.23 -0.24 -1.40	27.06 -0.24 -0.44	25.79 -0.31 -0.16	24.19 -0.29 0.00	24.22 -0.29 0.00	24.87 -0.25 0.00	27.59 -0.22 -0.68	32.73 -0.34 -1.82	34.90 -0.46 -2.30	36.38 -0.41 -2.60	40.58 -0.56 -3.51	44.67 -0.57 -4.44	49.70 -0.45 -4.89	56.52 -0.46 -5.97	63.59 -0.39 -7.50	71.47 -0.50 -9.41	90.02 -0.87 -12.00	113.82 -0.68 -16.39	108.51 -0.28 -15.91	86.52 0.15 -11.74	71.84 0.25 -9.32	54.88 0.20 -5.26	42.78 -0.12 -3.01	36.30 -0.14 -2.03
EAST_RIVER___1 323558	32.86 2.80 0.00	29.17 2.31 0.00	27.97 2.02 0.00	26.34 1.86 0.00	26.37 1.86 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.97 2.72 0.00	36.14 3.08 0.00	37.51 3.32 0.00	41.24 3.61 0.00	44.63 3.83 0.00	49.29 4.03 0.00	55.80 4.79 0.00	61.45 4.97 0.00	67.75 5.19 0.00	87.94 7.34 -1.72	107.52 8.44 -0.97	100.72 7.43 -0.42	79.77 5.15 0.00	67.42 4.05 -1.10	52.73 3.31 0.00	42.88 2.99 0.00	37.13 2.72 0.00
EAST_RIVER___2 323559	32.89 2.83 0.00	29.12 2.26 0.00	27.86 1.92 0.00	26.25 1.76 0.00	26.28 1.77 0.00	26.95 1.83 0.00	29.44 2.30 0.00	33.91 2.66 0.00	36.10 3.04 0.00	37.51 3.32 0.00	41.17 3.54 0.00	44.59 3.80 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.23 4.75 0.00	67.44 4.88 0.00	87.62 7.02 -1.72	107.02 7.94 -0.97	100.16 6.87 -0.42	79.25 4.63 0.00	67.05 3.67 -1.10	52.53 3.12 0.00	42.76 2.87 0.00	37.07 2.65 0.00
EAST___DELAWARE_HYD 23607	31.48 1.41 0.00	28.02 1.15 0.00	26.90 0.96 0.00	25.39 0.91 0.00	25.39 0.88 0.00	26.02 0.90 0.00	28.24 1.11 0.00	32.19 0.94 0.00	34.22 1.16 0.00	35.56 1.37 0.00	39.10 1.47 0.00	42.31 1.51 0.00	47.31 2.04 0.00	52.03 1.02 0.00	57.55 1.07 0.00	63.81 1.25 0.00	81.25 2.36 0.00	101.05 2.94 0.00	95.47 2.60 0.00	75.97 1.34 0.00	64.42 0.94 -1.20	51.49 2.08 0.00	41.40 1.52 0.00	35.76 1.34 0.00
EIGHT_POINT___WT_PWR 323820	31.12 0.87 -0.18	27.65 0.73 -0.06	26.61 0.65 -0.02	24.93 0.44 0.00	24.90 0.39 0.00	25.82 0.70 0.00	27.98 0.76 -0.09	32.12 0.66 -0.21	33.66 0.33 -0.27	35.82 1.33 -0.30	39.13 1.09 -0.41	42.41 1.10 -0.51	47.69 1.86 -0.57	53.63 1.94 -0.69	59.67 2.32 -0.87	66.53 2.88 -1.09	82.59 2.21 -1.50	103.54 3.53 -1.90	98.70 3.99 -1.84	80.76 4.78 -1.36	67.28 3.93 -1.08	52.99 2.96 -0.61	42.23 1.99 -0.35	36.82 2.17 -0.23
ELBRIDGE_115KV_TB2 80188	30.91 -0.09 -0.93	27.07 -0.08 -0.29	25.89 -0.16 -0.10	24.34 -0.15 0.00	24.34 -0.17 0.00	25.02 -0.10 0.00	27.50 -0.08 -0.45	32.26 -0.09 -1.09	34.25 -0.20 -1.38	35.72 -0.03 -1.56	39.67 -0.08 -2.11	43.43 -0.04 -2.67	48.34 0.14 -2.94	54.86 0.26 -3.60	61.34 0.34 -4.52	68.66 0.44 -5.67	86.92 0.24 -7.79	108.57 0.59 -9.87	103.10 0.65 -9.58	82.66 0.97 -7.07	68.63 0.75 -5.61	53.08 0.49 -3.17	41.98 0.28 -1.81	35.70 0.07 -1.22
ELEC_TRO_TEK 24086	37.21 2.92 -4.23	35.85 2.53 -6.46	34.84 2.23 -6.67	31.64 2.08 -5.07	31.21 2.08 -4.62	33.20 2.16 -5.92	33.48 2.55 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.50 3.62 -0.69	42.49 3.80 -1.06	49.29 4.04 -4.45	54.88 4.39 -5.23	61.17 5.15 -5.02	67.10 5.48 -5.13	79.43 5.94 -10.93	94.71 8.05 -7.78	108.50 9.42 -0.97	101.74 8.45 -0.42	80.59 5.97 0.00	68.24 4.86 -1.10	56.16 3.95 -2.79	45.20 3.39 -1.92	40.12 3.24 -2.47

ELLENBURG_WT_PWR 323604	29.47 -0.60 0.00	26.33 -0.54 0.00	25.50 -0.44 0.00	24.07 -0.42 0.00	24.12 -0.39 0.00	24.75 -0.38 0.00	26.78 -0.35 0.00	31.04 -0.22 0.00	32.93 -0.13 0.00	33.78 -0.41 0.00	37.26 -0.38 0.00	40.43 -0.37 0.00	44.00 -1.27 0.00	48.81 -2.19 0.00	54.11 -2.37 0.00	59.43 -3.13 0.00	59.29 -3.79 15.81	93.40 -4.71 0.01	88.50 -4.36 0.01	71.49 -3.13 0.00	59.85 -2.43 0.00	47.74 -1.68 0.00	39.25 -0.64 0.00	33.69 -0.72 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.89 -0.18 0.00	26.70 -0.16 0.00	25.58 -0.36 0.00	24.07 -0.42 0.00	24.02 -0.49 0.00	25.05 -0.08 0.00	26.97 -0.16 0.00	30.66 -0.59 0.00	32.10 -0.96 0.00	33.75 -0.44 0.00	37.56 -0.08 0.00	40.72 -0.08 0.00	45.85 0.59 0.00	51.47 0.46 0.00	57.05 0.56 0.00	63.37 0.81 0.00	77.94 -0.95 0.00	97.72 -0.39 0.00	93.06 0.19 0.00	77.09 2.46 0.00	64.15 1.87 0.00	50.41 0.99 0.00	40.45 0.56 0.00	34.31 -0.10 0.00
EMPIRE_CC_1 323656	31.00 0.93 0.00	27.72 0.86 0.00	26.93 0.99 0.00	25.42 0.93 0.00	25.44 0.93 0.00	26.05 0.93 0.00	27.97 0.84 0.00	32.07 0.81 0.00	33.89 0.83 0.00	35.12 0.92 0.00	38.57 0.94 0.00	41.86 1.06 0.00	46.40 1.13 0.00	52.38 1.38 0.00	58.01 1.53 0.00	64.44 1.88 -0.01	91.96 2.60 -10.47	107.06 3.04 -5.90	103.31 2.88 -7.56	76.56 1.94 0.00	67.21 1.68 -3.25	50.75 1.33 0.00	40.96 1.08 0.00	35.24 0.82 0.00
EMPIRE_CC_2 323658	31.00 0.93 0.00	27.72 0.86 0.00	26.93 0.99 0.00	25.42 0.93 0.00	25.44 0.93 0.00	26.05 0.93 0.00	27.97 0.84 0.00	32.07 0.81 0.00	33.89 0.83 0.00	35.12 0.92 0.00	38.57 0.94 0.00	41.86 1.06 0.00	46.40 1.13 0.00	52.38 1.38 0.00	58.01 1.53 0.00	64.44 1.88 -0.01	91.96 2.60 -10.47	107.06 3.04 -5.90	103.31 2.88 -7.56	76.56 1.94 0.00	67.21 1.68 -3.25	50.75 1.33 0.00	40.96 1.08 0.00	35.24 0.82 0.00
ENORWICH_115KV_TB1 80156	33.06 2.65 -0.34	29.36 2.39 -0.11	28.08 2.10 -0.04	26.42 1.93 0.00	26.50 1.99 0.00	27.28 2.16 0.00	29.77 2.47 -0.17	34.08 2.41 -0.41	35.80 2.22 -0.52	37.25 2.46 -0.59	41.06 2.63 -0.80	44.62 2.82 -1.01	50.05 3.67 -1.11	56.60 4.23 -1.36	63.33 5.14 -1.71	70.77 6.07 -2.14	89.41 7.57 -2.95	112.73 10.89 -3.73	107.64 11.14 -3.62	86.92 9.63 -2.67	73.41 8.28 -2.85	56.70 6.08 -1.20	44.88 4.31 -0.69	38.04 3.17 -0.46
ERIE_ST__34_KV_TB1-2 80199	30.19 0.12 0.00	26.94 0.08 0.00	25.81 -0.13 0.00	24.26 -0.22 0.00	24.24 -0.27 0.00	25.25 0.13 0.00	27.21 0.08 0.00	31.04 -0.22 0.00	32.53 -0.53 0.00	34.23 0.03 0.00	38.05 0.41 0.00	41.29 0.49 0.00	46.53 1.27 0.00	52.33 1.33 0.00	58.06 1.58 0.00	64.56 2.00 0.00	79.60 0.71 0.00	99.58 1.47 0.00	94.92 2.04 0.00	78.43 3.81 0.00	65.20 2.93 0.00	51.15 1.73 0.00	40.96 1.08 0.00	34.83 0.41 0.00
ERIE_WT_PWR 323693	30.19 0.12 0.00	26.89 0.03 0.00	25.94 0.00 0.00	24.22 -0.27 0.00	24.19 -0.32 0.00	25.20 0.08 0.00	27.16 0.03 0.00	30.91 -0.34 0.00	32.37 -0.70 0.00	34.71 0.51 0.00	37.97 0.34 0.00	41.05 0.25 0.00	46.22 0.95 0.00	51.97 0.97 0.00	57.55 1.07 0.00	64.12 1.56 0.00	78.81 -0.08 0.00	98.61 0.49 0.00	93.99 1.12 0.00	77.68 3.06 0.00	64.70 2.43 0.00	50.95 1.53 0.00	40.76 0.88 0.00	36.10 1.69 0.00
ESPRGFLD_115KV_TB1 80157	32.02 1.95 0.00	28.66 1.80 0.00	27.60 1.66 0.00	26.00 1.52 0.00	26.08 1.57 0.00	26.78 1.66 0.00	28.92 1.79 0.00	32.94 1.69 0.00	34.72 1.65 0.00	36.00 1.81 0.00	39.63 1.99 0.00	42.92 2.12 0.00	48.03 2.76 0.00	54.17 3.16 0.00	60.10 3.61 0.00	66.81 4.25 0.00	86.68 5.05 -2.74	107.02 7.36 -1.55	102.67 8.17 -1.62	81.41 6.79 0.00	76.50 5.92 -8.31	53.87 4.45 0.00	43.16 3.27 0.00	37.00 2.58 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.38 0.84 -0.47	27.76 0.75 -0.15	26.62 0.62 -0.05	25.05 0.56 0.00	25.07 0.56 0.00	25.80 0.68 0.00	28.12 0.76 -0.23	32.67 0.84 -0.57	34.51 0.73 -0.72	35.93 0.92 -0.81	39.71 0.98 -1.10	43.25 1.06 -1.39	48.25 1.45 -1.53	54.61 1.73 -1.87	60.92 2.09 -2.35	67.95 2.44 -2.95	85.79 2.84 -4.06	107.47 4.22 -5.14	102.22 4.37 -4.99	82.41 4.10 -3.68	68.96 3.43 -3.26	53.59 2.52 -1.65	42.59 1.76 -0.94	36.29 1.24 -0.64
ETNA____115KV_TB2 80207	31.38 0.84 -0.47	27.76 0.75 -0.15	26.62 0.62 -0.05	25.05 0.56 0.00	25.07 0.56 0.00	25.80 0.68 0.00	28.12 0.76 -0.23	32.67 0.84 -0.57	34.51 0.73 -0.72	35.93 0.92 -0.81	39.71 0.98 -1.10	43.25 1.06 -1.39	48.25 1.45 -1.53	54.61 1.73 -1.87	60.92 2.09 -2.35	67.95 2.44 -2.95	85.79 2.84 -4.06	107.47 4.22 -5.14	102.22 4.37 -4.99	82.41 4.10 -3.68	68.96 3.43 -3.26	53.59 2.52 -1.65	42.59 1.76 -0.94	36.29 1.24 -0.64
EUCLID____115KV_TB2 356179	30.17 -0.30 -0.40	26.69 -0.30 -0.13	25.65 -0.34 -0.05	24.17 -0.32 0.00	24.19 -0.32 0.00	24.85 -0.28 0.00	27.03 -0.30 -0.20	31.38 -0.34 -0.47	33.22 -0.43 -0.59	34.58 -0.27 -0.66	38.23 -0.30 -0.90	41.65 -0.29 -1.13	46.38 -0.14 -1.25	52.48 -0.05 -1.53	58.34 -0.06 -1.92	64.96 0.00 -2.41	81.96 -0.24 -3.31	102.21 -0.10 -4.19	96.94 0.00 -4.07	77.92 0.30 -3.00	64.91 0.25 -2.38	50.86 0.10 -1.35	40.58 -0.08 -0.77	34.73 -0.21 -0.52
E_CANADA_CAP_HY 24051	32.50 2.43 0.00	29.12 2.26 0.00	28.02 2.08 0.00	26.37 1.89 0.00	26.45 1.94 0.00	27.16 2.03 0.00	29.27 2.14 0.00	33.10 1.84 0.00	34.81 1.75 0.00	36.00 1.81 0.00	39.62 1.99 0.00	42.96 2.16 0.00	48.07 2.81 0.00	54.22 3.22 0.00	60.15 3.67 0.00	67.07 4.51 0.00	87.56 5.12 -3.55	108.06 7.94 -2.00	104.75 9.75 -2.13	82.91 8.28 0.00	80.32 7.28 -10.76	54.90 5.48 0.00	44.00 4.11 0.00	37.72 3.30 0.00
E_CANADA_MHWK_HY 24050	30.79 0.72 0.00	27.51 0.64 0.00	26.57 0.62 0.00	25.05 0.56 0.00	25.10 0.59 0.00	25.72 0.60 0.00	27.81 0.68 0.00	31.91 0.66 0.00	33.72 0.66 0.00	34.94 0.75 0.00	38.35 0.71 0.00	41.57 0.77 0.00	46.26 0.99 0.00	52.18 1.17 0.00	57.84 1.35 0.00	64.12 1.56 0.00	81.67 1.97 -0.81	100.76 2.65 0.00	95.38 2.51 0.00	76.56 1.94 0.00	63.96 1.68 0.00	50.70 1.28 0.00	40.92 1.04 0.00	35.28 0.86 0.00
E_FISHKILL____LBMP 23776	32.11 2.04 0.00	28.66 1.80 0.00	27.55 1.61 0.00	25.98 1.49 0.00	26.01 1.50 0.00	26.65 1.53 0.00	28.92 1.79 0.00	33.26 2.00 0.00	35.31 2.25 0.00	36.76 2.56 0.00	40.27 2.63 0.00	43.53 2.73 0.00	48.25 2.99 0.00	54.58 3.57 0.00	60.27 3.78 0.00	66.69 4.13 0.00	86.35 5.68 -1.78	105.79 6.67 -1.00	99.25 5.94 -0.43	78.73 4.10 0.00	66.77 3.36 -1.13	52.09 2.67 0.00	42.16 2.27 0.00	36.72 2.31 0.00
FALCON____SEABRD_CC1 323796	29.80 -0.27 0.00	26.62 -0.24 0.00	25.82 -0.13 0.00	24.34 -0.15 0.00	24.41 -0.10 0.00	25.02 -0.10 0.00	27.10 -0.03 0.00	31.45 0.19 0.00	33.36 0.30 0.00	34.23 0.03 0.00	37.75 0.11 0.00	40.96 0.16 0.00	44.00 -1.27 0.00	48.30 -2.70 0.00	53.49 -3.00 0.00	58.68 -3.88 0.00	58.38 -4.73 15.77	92.22 -5.88 0.01	87.39 -5.48 0.01	70.67 -3.96 0.00	59.29 -2.99 0.00	47.59 -1.83 0.00	39.73 -0.16 0.00	34.11 -0.31 0.00

FALCON___SEABRD_CC2 323797	29.80 -0.27 0.00	26.62 -0.24 0.00	25.82 -0.13 0.00	24.34 -0.15 0.00	24.41 -0.10 0.00	25.02 -0.10 0.00	27.10 -0.03 0.00	31.45 0.19 0.00	33.36 0.30 0.00	34.23 0.03 0.00	37.75 0.11 0.00	40.96 0.16 0.00	44.00 -1.27 0.00	48.30 -2.70 0.00	53.49 -3.00 0.00	58.68 -3.88 0.00	58.38 -4.73 15.77	92.22 -5.88 0.01	87.39 -5.48 0.01	70.67 -3.96 0.00	59.29 -2.99 0.00	47.59 -1.83 0.00	39.73 -0.16 0.00	34.11 -0.31 0.00
FAR ROCKAWAY___4 23548	37.84 3.55 -4.23	36.33 3.01 -6.46	35.31 2.70 -6.67	32.06 2.50 -5.07	31.60 2.48 -4.62	33.63 2.59 -5.92	33.91 2.98 -3.79	36.15 3.41 -1.48	37.65 3.80 -0.79	39.15 4.27 -0.69	43.32 4.63 -1.06	50.22 4.98 -4.45	55.93 5.43 -5.23	61.94 5.92 -5.02	67.43 5.82 -5.13	79.74 6.26 -10.93	95.19 8.52 -7.78	109.09 10.01 -0.97	102.30 9.01 -0.42	80.97 6.34 0.00	68.55 5.17 -1.10	56.95 4.74 -2.79	46.11 4.31 -1.92	40.88 3.99 -2.47
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.86 2.80 0.00	29.20 2.34 0.00	27.97 2.02 0.00	26.37 1.89 0.00	26.40 1.89 0.00	27.08 1.96 0.00	29.52 2.39 0.00	34.01 2.75 0.00	36.17 3.11 0.00	37.68 3.49 0.00	41.28 3.65 0.00	44.68 3.88 0.00	49.34 4.07 0.00	55.80 4.79 0.00	61.45 4.97 0.00	67.81 5.25 0.00	88.02 7.42 -1.72	107.62 8.54 -0.97	100.72 7.43 -0.42	79.77 5.15 0.00	67.55 4.17 -1.10	52.78 3.36 0.00	42.92 3.03 0.00	37.41 2.99 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.86 2.80 0.00	29.20 2.34 0.00	27.99 2.05 0.00	26.37 1.89 0.00	26.40 1.89 0.00	27.08 1.96 0.00	29.52 2.39 0.00	34.01 2.75 0.00	36.17 3.11 0.00	37.68 3.49 0.00	41.28 3.65 0.00	44.68 3.88 0.00	49.34 4.07 0.00	55.80 4.79 0.00	61.45 4.97 0.00	67.81 5.25 0.00	88.02 7.42 -1.72	107.62 8.54 -0.97	100.81 7.52 -0.42	79.77 5.15 0.00	67.55 4.17 -1.10	52.78 3.36 0.00	42.96 3.07 0.00	37.41 2.99 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.83 2.77 0.00	29.17 2.31 0.00	27.97 2.02 0.00	26.35 1.86 0.00	26.37 1.86 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.98 2.72 0.00	36.14 3.07 0.00	37.65 3.45 0.00	41.24 3.61 0.00	44.63 3.84 0.00	49.30 4.03 0.00	55.75 4.74 0.00	61.40 4.91 0.00	67.75 5.19 0.00	87.94 7.34 -1.72	107.52 8.44 -0.97	100.63 7.34 -0.42	79.70 5.07 0.00	67.49 4.11 -1.10	52.73 3.31 0.00	42.88 2.99 0.00	37.38 2.96 0.00
FARRAGUT___LBMP 323566	32.80 2.74 0.00	29.15 2.28 0.00	27.94 2.00 0.00	26.35 1.86 0.00	26.35 1.84 0.00	27.03 1.91 0.00	29.46 2.33 0.00	33.94 2.69 0.00	36.10 3.04 0.00	37.61 3.42 0.00	41.17 3.54 0.00	44.55 3.75 0.00	49.25 3.98 0.00	55.70 4.69 0.00	61.34 4.86 0.00	67.69 5.13 0.00	87.79 7.18 -1.72	107.42 8.34 -0.97	100.54 7.24 -0.42	79.62 5.00 0.00	67.43 4.05 -1.10	52.68 3.26 0.00	42.84 2.95 0.00	37.34 2.93 0.00
FENNER___WINDPWR 24204	31.21 0.78 -0.36	27.67 0.70 -0.11	26.58 0.60 -0.04	25.02 0.54 0.00	25.07 0.56 0.00	25.75 0.63 0.00	28.04 0.73 -0.17	32.41 0.72 -0.43	34.30 0.70 -0.54	35.73 0.92 -0.61	39.40 0.94 -0.83	42.82 0.98 -1.05	47.78 1.36 -1.15	54.05 1.63 -1.41	60.17 1.92 -1.77	67.10 2.32 -2.22	84.70 2.76 -3.06	105.91 3.93 -3.87	100.53 3.90 -3.75	80.76 3.36 -2.77	67.40 2.93 -2.20	52.83 2.17 -1.24	42.11 1.52 -0.71	36.13 1.24 -0.48
FIBERTEK___ENERGY 23856	30.98 0.03 -0.88	27.17 0.03 -0.27	25.99 -0.05 -0.10	24.44 -0.05 0.00	24.44 -0.07 0.00	25.10 -0.03 0.00	27.56 0.00 -0.43	32.32 0.06 -1.00	34.30 -0.03 -1.27	35.80 0.17 -1.43	39.57 0.00 -1.94	43.25 0.00 -2.45	48.19 0.23 -2.69	54.66 0.36 -3.29	61.01 0.40 -4.14	68.25 0.50 -5.19	86.42 0.39 -7.14	107.84 0.69 -9.04	102.39 0.74 -8.77	82.07 0.97 -6.48	68.16 0.75 -5.14	52.87 0.54 -2.90	41.87 0.32 -1.66	35.77 0.24 -1.12
FITZPATRICK____ 23598	24.37 -0.81 4.89	24.61 -0.72 1.53	24.67 -0.73 0.55	23.80 -0.69 0.00	23.80 -0.71 0.00	24.42 -0.70 0.00	24.03 -0.73 2.37	24.34 -0.88 6.04	24.44 -0.99 7.63	24.71 -0.85 8.63	25.00 -0.98 11.65	25.00 -1.06 14.74	28.00 -1.04 16.23	30.00 -1.17 19.84	30.33 -1.24 24.91	29.99 -1.32 31.25	34.00 -1.89 42.99	41.53 -2.16 54.43	38.00 -2.04 52.83	34.28 -1.34 39.00	30.23 -1.12 30.93	31.00 -0.94 17.48	29.00 -0.88 10.01	27.00 -0.69 6.73
FLOWRFLD_69_KV_BK1 356044	37.60 3.31 -4.23	36.14 2.82 -6.46	35.16 2.54 -6.67	31.96 2.40 -5.07	31.53 2.40 -4.62	33.53 2.49 -5.92	33.83 2.90 -3.79	36.05 3.31 -1.48	37.55 3.70 -0.79	38.98 4.10 -0.69	43.05 4.33 -1.09	86.20 4.57 -40.83	101.96 4.98 -51.71	160.64 5.87 -103.77	174.12 6.21 -111.43	199.19 6.88 -129.75	282.88 9.31 -194.68	271.39 10.99 -162.28	367.64 10.12 -264.64	163.69 7.24 -81.82	152.49 5.92 -84.30	59.74 4.74 -5.58	45.64 3.83 -1.92	40.54 3.65 -2.48
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.56 2.50 0.00	29.01 2.15 0.00	27.89 1.95 0.00	26.27 1.79 0.00	26.27 1.76 0.00	26.96 1.83 0.00	29.27 2.14 0.00	33.41 2.16 0.00	35.61 2.55 0.00	37.20 3.01 0.00	40.83 3.20 0.00	44.19 3.39 0.00	49.39 4.12 0.00	55.80 5.20 0.00	61.68 5.49 0.00	68.38 5.82 0.00	87.62 7.49 -1.24	107.93 9.12 -0.70	101.14 8.27 0.00	80.52 5.90 0.00	68.23 4.80 -1.15	53.13 3.71 0.00	42.84 2.95 0.00	37.20 2.79 0.00
FORT ORANGE____ 23900	31.09 1.02 0.00	27.78 0.91 0.00	26.90 0.96 0.00	25.39 0.91 0.00	25.42 0.91 0.00	26.02 0.90 0.00	28.03 0.89 0.00	32.04 0.78 0.00	33.62 0.56 0.00	34.84 0.65 0.00	38.27 0.64 0.00	41.53 0.74 0.00	45.81 0.55 0.00	51.62 0.61 0.00	57.16 0.68 0.00	63.52 1.00 0.03	49.49 1.66 31.06	82.57 1.96 17.50	80.96 2.04 13.95	75.97 1.34 0.00	69.81 1.18 -6.35	50.41 0.99 0.00	40.92 1.04 0.00	35.17 0.76 0.00
FORT_DRUM_COGEN 23780	30.74 -0.03 -0.70	27.06 -0.03 -0.22	25.87 -0.16 -0.08	24.34 -0.15 0.00	24.39 -0.12 0.00	25.10 -0.03 0.00	27.55 0.08 -0.34	32.04 -0.13 -0.90	33.94 -0.26 -1.14	35.18 -0.31 -1.29	39.04 -0.34 -1.75	42.68 -0.33 -2.21	47.56 -0.14 -2.43	53.88 -0.10 -2.97	60.27 0.06 -3.73	67.30 0.06 -4.68	81.91 -0.32 -3.33	106.66 0.39 -8.15	101.99 1.21 -7.91	82.11 1.64 -5.84	68.72 1.81 -4.63	53.27 1.24 -2.62	41.90 0.52 -1.50	35.46 0.03 -1.01
FOX_HILLS___ESR 323835	33.13 2.95 -0.11	29.40 2.53 -0.01	28.18 2.23 -0.01	26.52 2.03 0.00	26.52 2.01 0.00	27.08 1.96 0.00	29.49 2.36 0.00	34.01 2.75 0.00	36.27 3.21 0.00	49.41 3.59 -11.63	45.31 3.80 -3.88	44.59 3.79 0.00	49.30 4.03 0.00	55.80 4.79 0.00	61.28 4.80 0.00	73.90 5.19 -6.15	88.00 7.34 -1.77	107.32 8.24 -0.97	100.54 7.24 -0.42	79.47 4.85 0.00	70.69 4.17 -4.24	52.68 3.26 0.00	42.92 3.03 0.00	37.59 3.17 -0.01
FPL FAR_ROCK_GT1 24212	37.88 3.58 -4.23	36.33 3.01 -6.46	35.31 2.70 -6.67	32.06 2.50 -5.07	31.60 2.47 -4.62	33.63 2.59 -5.92	33.91 2.98 -3.79	36.15 3.41 -1.48	37.65 3.80 -0.79	38.91 4.03 -0.69	43.28 4.59 -1.06	50.22 4.98 -4.45	55.92 5.43 -5.23	61.94 5.91 -5.02	67.44 5.82 -5.13	79.74 6.26 -10.93	95.11 8.45 -7.78	109.09 10.01 -0.97	102.30 9.01 -0.42	81.04 6.42 0.00	68.54 5.17 -1.10	56.90 4.70 -2.79	46.08 4.27 -1.92	40.71 3.82 -2.48



FPL FAR_ROCK_GT2 23815	37.88 3.58 -4.23	36.33 3.01 -6.46	35.31 2.70 -6.67	32.06 2.50 -5.07	31.60 2.47 -4.62	33.63 2.59 -5.92	33.91 2.98 -3.79	36.15 3.41 -1.48	37.65 3.80 -0.79	38.91 4.03 -0.69	43.28 4.59 -1.06	50.22 4.98 -4.45	55.92 5.43 -5.23	61.94 5.91 -5.02	67.44 5.82 -5.13	79.74 6.26 -10.93	95.11 8.45 -7.78	109.09 10.01 -0.97	102.30 9.01 -0.42	81.04 6.42 0.00	68.54 5.17 -1.10	56.90 4.70 -2.79	46.08 4.27 -1.92	40.71 3.82 -2.48
FRANKLIN_FALL_HYD 24054	29.44 -0.63 0.00	26.30 -0.56 0.00	25.48 -0.47 0.00	24.02 -0.47 0.00	24.07 -0.44 0.00	24.69 -0.43 0.00	26.75 -0.38 0.00	31.01 -0.25 0.00	32.90 -0.17 0.00	33.75 -0.44 0.00	37.22 -0.41 0.00	40.39 -0.41 0.00	44.18 -1.09 0.00	49.22 -1.79 0.00	54.56 -1.92 0.00	59.81 -2.75 0.00	60.74 -3.39 14.76	93.89 -4.22 0.01	88.97 -3.90 0.01	72.01 -2.61 0.00	60.41 -1.87 0.00	48.04 -1.38 0.00	39.17 -0.72 0.00	33.62 -0.79 0.00
FREEPORT_EQUS_GT1 23764	37.54 3.25 -4.23	36.09 2.77 -6.46	35.08 2.47 -6.67	31.84 2.28 -5.07	31.41 2.28 -4.62	33.40 2.36 -5.92	33.69 2.77 -3.79	35.86 3.13 -1.48	37.35 3.50 -0.79	38.57 3.69 -0.69	42.87 4.18 -1.06	49.57 4.32 -4.45	55.02 4.53 -5.23	61.38 5.35 -5.02	67.32 5.70 -5.13	79.74 6.26 -10.93	95.19 8.52 -7.78	109.09 10.01 -0.97	102.30 9.01 -0.42	81.11 6.49 0.00	68.54 5.17 -1.10	56.56 4.35 -2.79	45.60 3.79 -1.92	40.30 3.41 -2.48
FREEPORT___CT2 23818	37.54 3.25 -4.23	36.09 2.77 -6.46	35.08 2.47 -6.67	31.84 2.28 -5.07	31.41 2.28 -4.62	33.40 2.36 -5.92	33.69 2.77 -3.79	35.86 3.13 -1.48	37.35 3.50 -0.79	38.57 3.69 -0.69	42.87 4.18 -1.06	49.57 4.32 -4.45	55.02 4.53 -5.23	61.38 5.35 -5.02	67.32 5.70 -5.13	79.74 6.26 -10.93	95.19 8.52 -7.78	109.09 10.01 -0.97	102.30 9.01 -0.42	81.11 6.49 0.00	68.54 5.17 -1.10	56.56 4.35 -2.79	45.60 3.79 -1.92	40.30 3.41 -2.48
FRESHKLS_33_KV_LOAD 356253	33.05 2.92 -0.06	29.40 2.53 -0.01	28.18 2.23 -0.01	26.52 2.03 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.44 2.31 0.00	33.91 2.66 0.01	36.20 3.14 0.01	37.46 3.52 0.25	39.71 3.73 1.65	39.67 3.71 4.85	40.33 3.98 8.92	40.38 4.74 15.37	40.76 4.74 20.47	42.47 5.13 25.22	62.21 7.34 24.01	79.55 8.24 26.81	72.83 7.24 27.29	51.56 4.85 27.91	42.26 4.17 24.19	39.64 3.21 12.99	38.67 2.99 4.21	37.54 3.13 0.01
FULTON COGEN____ 23766	31.27 -0.39 -1.59	26.99 -0.38 -0.50	25.71 -0.42 -0.18	24.09 -0.39 0.00	24.12 -0.39 0.00	24.74 -0.38 0.00	27.52 -0.38 -0.77	32.86 -0.47 -2.07	35.12 -0.56 -2.61	36.67 -0.48 -2.96	41.10 -0.53 -3.99	45.28 -0.57 -5.05	50.37 -0.45 -5.56	57.39 -0.41 -6.80	64.62 -0.40 -8.53	72.89 -0.38 -10.71	92.91 -0.71 -14.73	116.17 -0.59 -18.65	110.51 -0.46 -18.10	87.91 -0.07 -13.36	72.81 -0.06 -10.60	55.31 -0.10 -5.99	43.08 -0.24 -3.43	36.34 -0.38 -2.30
FULTON___LFGE 323630	33.95 3.88 0.00	30.46 3.60 0.00	29.21 3.27 0.00	27.42 2.94 0.00	27.50 2.99 0.00	28.31 3.19 0.00	30.66 3.53 0.00	34.88 3.62 0.00	36.60 3.54 0.00	37.92 3.73 0.00	41.70 4.07 0.00	45.29 4.49 0.00	50.88 5.61 0.00	57.23 6.22 0.00	63.66 7.17 0.00	71.51 8.95 0.00	94.10 11.36 -3.85	116.37 16.09 -2.17	112.37 17.18 -2.31	88.73 14.11 0.00	86.10 12.15 -11.67	58.61 9.19 0.00	46.39 6.50 0.00	39.64 5.23 0.00
G.F.CEMENT___DRP 24184	32.02 1.95 0.00	28.66 1.80 0.00	27.60 1.66 0.00	25.98 1.49 0.00	26.01 1.50 0.00	26.68 1.56 0.00	28.84 1.71 0.00	33.04 1.78 0.00	34.95 1.88 0.00	36.31 2.12 0.00	39.70 2.07 0.00	43.13 2.33 0.00	48.16 2.90 0.00	54.07 3.06 0.00	59.98 3.50 0.00	66.94 4.38 0.00	92.28 5.68 -7.71	109.91 7.46 -4.34	105.50 8.27 -4.36	81.41 6.79 0.00	80.71 6.17 -12.27	54.11 4.69 0.00	43.08 3.19 0.00	37.07 2.65 0.00
GARDENVILLE___LBMP 24039	30.01 -0.06 0.00	26.81 -0.05 0.00	25.68 -0.26 0.00	24.14 -0.34 0.00	24.12 -0.39 0.00	25.12 0.00 0.00	27.05 -0.08 0.00	30.82 -0.44 0.00	32.24 -0.83 0.00	33.88 -0.31 0.00	37.71 0.08 0.00	40.88 0.08 0.00	46.04 0.77 0.00	51.72 0.71 0.00	57.33 0.85 0.00	63.68 1.13 0.00	78.41 -0.47 0.00	98.21 0.10 0.00	93.62 0.74 0.00	77.46 2.84 0.00	64.46 2.18 0.00	50.66 1.24 0.00	40.60 0.72 0.00	34.48 0.07 0.00
GARDNVLA_35_KV_LD 355827	30.13 0.06 0.00	26.92 0.05 0.00	25.79 -0.16 0.00	24.24 -0.24 0.00	24.19 -0.32 0.00	25.22 0.10 0.00	27.16 0.03 0.00	30.94 -0.31 0.00	32.37 -0.69 0.00	34.06 -0.14 0.00	37.90 0.26 0.00	41.09 0.29 0.00	46.31 1.04 0.00	52.03 1.02 0.00	57.67 1.19 0.00	64.06 1.50 0.00	78.81 -0.08 0.00	98.80 0.69 0.00	94.17 1.30 0.00	77.91 3.28 0.00	64.83 2.55 0.00	50.90 1.48 0.00	40.80 0.92 0.00	34.66 0.24 0.00
GELCKHM___115KV_LOAD 80723	30.43 -0.21 -0.57	26.85 -0.19 -0.18	25.75 -0.26 -0.06	24.26 -0.22 0.00	24.26 -0.25 0.00	24.92 -0.20 0.00	27.22 -0.19 -0.28	31.73 -0.19 -0.66	33.60 -0.30 -0.83	34.99 -0.14 -0.94	38.67 -0.23 -1.27	42.20 -0.20 -1.60	46.99 -0.05 -1.77	53.22 0.05 -2.16	59.31 0.11 -2.71	66.15 0.19 -3.40	83.49 -0.08 -4.68	104.14 0.10 -5.92	98.81 0.19 -5.75	79.32 0.45 -4.24	66.02 0.37 -3.37	51.52 0.20 -1.90	41.02 0.04 -1.09	35.08 -0.07 -0.73
GENERAL___MILLS 23808	30.07 0.00 0.00	26.86 0.00 0.00	25.74 -0.21 0.00	24.19 -0.29 0.00	24.17 -0.34 0.00	25.17 0.05 0.00	27.10 -0.03 0.00	30.88 -0.38 0.00	32.30 -0.76 0.00	33.99 -0.21 0.00	37.78 0.15 0.00	41.00 0.20 0.00	46.17 0.91 0.00	51.87 0.87 0.00	57.50 1.02 0.00	63.87 1.31 0.00	78.65 -0.24 0.00	98.51 0.39 0.00	93.89 1.02 0.00	77.68 3.06 0.00	64.64 2.37 0.00	50.80 1.38 0.00	40.72 0.84 0.00	34.59 0.17 0.00
GE_PLASTICS___DRP 24183	30.97 0.90 0.00	27.67 0.81 0.00	26.80 0.86 0.00	25.32 0.83 0.00	25.32 0.81 0.00	25.93 0.80 0.00	27.92 0.79 0.00	32.01 0.75 0.00	33.82 0.76 0.00	35.12 0.92 0.00	38.53 0.90 0.00	41.82 1.02 0.00	45.81 0.54 0.00	51.67 0.66 0.00	57.22 0.73 0.00	63.50 0.94 0.00	61.20 1.42 19.11	88.82 1.47 10.77	85.79 1.39 8.48	75.44 0.82 0.00	68.37 0.87 -5.22	50.16 0.74 0.00	40.96 1.08 0.00	35.45 1.03 0.00
GILBOA___1 23756	31.12 1.05 0.00	27.78 0.91 0.00	26.98 1.04 0.00	25.56 1.08 0.00	25.59 1.08 0.00	26.13 1.01 0.00	28.03 0.89 0.00	32.19 0.94 0.00	34.09 1.03 0.00	35.36 1.16 0.00	38.87 1.24 0.00	42.14 1.34 0.00	46.76 1.49 0.00	52.64 1.63 0.00	58.23 1.75 0.00	64.37 1.82 0.00	81.18 2.29 0.00	100.66 2.55 0.00	95.28 2.41 0.00	76.26 1.64 0.00	64.58 1.62 -0.69	50.95 1.53 0.00	41.12 1.24 0.00	35.52 1.10 0.00
GILBOA___2 23757	31.12 1.05 0.00	27.78 0.91 0.00	26.98 1.04 0.00	25.56 1.08 0.00	25.59 1.08 0.00	26.13 1.01 0.00	28.03 0.89 0.00	32.19 0.94 0.00	34.09 1.03 0.00	35.36 1.16 0.00	38.87 1.24 0.00	42.14 1.34 0.00	46.76 1.49 0.00	52.64 1.63 0.00	58.23 1.75 0.00	64.37 1.82 0.00	81.18 2.29 0.00	100.66 2.55 0.00	95.28 2.41 0.00	76.26 1.64 0.00	64.58 1.62 -0.69	50.95 1.53 0.00	41.12 1.24 0.00	35.52 1.10 0.00

GILBOA___3 23758	31.12 1.05 0.00	27.78 0.91 0.00	26.98 1.04 0.00	25.56 1.08 0.00	25.59 1.08 0.00	26.13 1.01 0.00	28.03 0.89 0.00	32.19 0.94 0.00	34.09 1.03 0.00	35.36 1.16 0.00	38.87 1.24 0.00	42.14 1.34 0.00	46.76 1.49 0.00	52.64 1.63 0.00	58.23 1.75 0.00	64.37 1.82 0.00	81.18 2.29 0.00	100.66 2.55 0.00	95.28 2.41 0.00	76.26 1.64 0.00	64.58 1.62 -0.69	50.95 1.53 0.00	41.12 1.24 0.00	35.52 1.10 0.00
GILBOA___4 23759	31.12 1.05 0.00	27.78 0.91 0.00	26.98 1.04 0.00	25.56 1.08 0.00	25.59 1.08 0.00	26.13 1.01 0.00	28.03 0.89 0.00	32.19 0.94 0.00	34.09 1.03 0.00	35.36 1.16 0.00	38.87 1.24 0.00	42.14 1.34 0.00	46.76 1.49 0.00	52.64 1.63 0.00	58.23 1.75 0.00	64.37 1.82 0.00	81.18 2.29 0.00	100.66 2.55 0.00	95.28 2.41 0.00	76.26 1.64 0.00	64.58 1.62 -0.69	50.95 1.53 0.00	41.12 1.24 0.00	35.52 1.10 0.00
GILBOA___ 23599	31.09 1.02 0.00	27.78 0.91 0.00	27.09 1.14 0.00	25.56 1.08 0.00	25.59 1.08 0.00	26.13 1.00 0.00	28.03 0.90 0.00	32.19 0.94 0.00	34.09 1.02 0.00	35.42 1.23 0.00	38.91 1.28 0.00	42.15 1.35 0.00	46.76 1.49 0.00	52.64 1.63 0.00	58.23 1.75 0.00	64.37 1.81 0.00	81.18 2.29 0.00	100.66 2.55 0.00	95.29 2.41 0.00	76.27 1.64 0.00	64.59 1.62 -0.69	50.95 1.53 0.00	41.16 1.28 0.00	35.62 1.20 0.00
GINNA___ 23603	28.81 -1.26 0.00	25.68 -1.18 0.00	24.78 -1.17 0.00	23.21 -1.27 0.00	23.21 -1.30 0.00	23.99 -1.13 0.00	25.91 -1.22 0.00	29.79 -1.47 0.00	31.38 -1.69 0.00	33.06 -1.13 0.00	36.35 -1.28 0.00	39.41 -1.39 0.00	44.18 -1.09 0.00	49.84 -1.17 0.00	55.24 -1.24 0.00	61.37 -1.19 0.00	76.36 -2.53 0.00	95.76 -2.36 0.00	90.83 -2.04 0.00	74.11 -0.52 0.00	61.78 -0.50 0.00	48.78 -0.64 0.00	39.05 -0.84 0.00	34.00 -0.41 0.00
GLEN PARK___ 23778	30.99 0.18 -0.74	27.23 0.13 -0.23	26.05 0.03 -0.08	24.46 -0.02 0.00	24.53 0.02 0.00	25.25 0.13 0.00	27.73 0.24 -0.36	32.24 0.03 -0.95	34.13 -0.13 -1.20	35.45 -0.10 -1.36	39.32 -0.15 -1.84	42.96 -0.16 -2.32	47.87 0.05 -2.56	54.24 0.10 -3.13	60.69 0.28 -3.93	67.80 0.31 -4.93	82.80 0.08 -3.84	107.87 1.18 -8.58	103.24 2.04 -8.33	83.16 2.39 -6.15	69.65 2.49 -4.88	53.95 1.78 -2.76	42.30 0.84 -1.58	35.92 0.45 -1.06
GLENDALE_27_KV_LOAD 356172	33.14 3.07 -0.01	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.21 2.09 0.00	29.65 2.52 0.00	34.20 2.94 0.00	36.44 3.37 0.00	39.60 3.76 -1.65	42.16 3.99 -0.54	44.88 4.08 0.00	49.57 4.30 0.00	56.06 5.05 0.00	61.57 5.08 0.00	68.00 5.44 0.00	88.34 7.73 -1.72	107.81 8.73 -0.97	100.91 7.62 -0.42	79.85 5.22 0.00	67.73 4.36 -1.09	52.88 3.46 0.00	43.08 3.19 0.00	37.68 3.27 0.00
GLENWOOD_IC_1_G5 23712	37.48 3.19 -4.23	36.04 2.71 -6.46	35.05 2.44 -6.67	31.81 2.25 -5.07	31.38 2.25 -4.62	33.38 2.34 -5.92	33.67 2.74 -3.79	35.86 3.13 -1.48	37.36 3.50 -0.79	38.84 3.97 -0.69	42.94 4.25 -1.06	49.49 4.24 -4.45	55.11 4.62 -5.23	61.48 5.46 -5.02	67.43 5.82 -5.13	79.81 6.32 -10.93	95.26 8.60 -7.78	109.09 10.01 -0.97	102.30 9.01 -0.42	80.97 6.34 0.00	68.49 5.11 -1.10	56.36 4.15 -2.79	45.59 3.79 -1.92	40.47 3.58 -2.47
GLENWOOD_IC_2_G1 23688	37.39 3.10 -4.23	35.96 2.63 -6.46	34.97 2.36 -6.67	31.74 2.18 -5.07	31.31 2.18 -4.62	33.30 2.26 -5.92	33.59 2.66 -3.79	35.77 3.03 -1.48	37.23 3.37 -0.79	38.43 3.56 -0.69	42.72 4.03 -1.06	49.53 4.28 -4.45	55.11 4.62 -5.23	61.48 5.46 -5.02	67.44 5.82 -5.13	79.74 6.26 -10.93	95.19 8.52 -7.78	109.09 10.01 -0.97	102.30 9.01 -0.42	81.11 6.49 0.00	68.54 5.17 -1.10	56.36 4.15 -2.79	45.40 3.59 -1.92	40.13 3.23 -2.48
GLENWOOD_IC_3_G1 23689	37.39 3.10 -4.23	35.96 2.63 -6.46	34.97 2.36 -6.67	31.74 2.18 -5.07	31.31 2.18 -4.62	33.30 2.26 -5.92	33.59 2.66 -3.79	35.77 3.03 -1.48	37.23 3.37 -0.79	38.43 3.56 -0.69	42.72 4.03 -1.06	49.53 4.28 -4.45	55.11 4.62 -5.23	61.48 5.46 -5.02	67.44 5.82 -5.13	79.74 6.26 -10.93	95.19 8.52 -7.78	109.09 10.01 -0.97	102.30 9.01 -0.42	81.11 6.49 0.00	68.54 5.17 -1.10	56.36 4.15 -2.79	45.40 3.59 -1.92	40.13 3.23 -2.48
GLENWOOD___4 23550	37.48 3.19 -4.23	36.04 2.71 -6.46	35.05 2.44 -6.67	31.81 2.25 -5.07	31.38 2.25 -4.62	33.38 2.34 -5.92	33.67 2.74 -3.79	35.86 3.13 -1.48	37.36 3.50 -0.79	38.84 3.97 -0.69	42.94 4.25 -1.06	49.61 4.37 -4.45	55.25 4.75 -5.23	61.58 5.56 -5.02	67.60 5.99 -5.13	79.99 6.51 -10.93	95.42 8.76 -7.78	109.38 10.30 -0.97	102.58 9.29 -0.42	81.19 6.57 0.00	68.67 5.29 -1.10	56.50 4.30 -2.79	45.59 3.79 -1.92	40.47 3.58 -2.47
GLENWOOD___5 23614	37.48 3.19 -4.23	36.04 2.71 -6.46	35.05 2.44 -6.67	31.81 2.25 -5.07	31.38 2.25 -4.62	33.38 2.34 -5.92	33.67 2.74 -3.79	35.86 3.13 -1.48	37.36 3.50 -0.79	38.84 3.97 -0.69	42.94 4.25 -1.06	49.61 4.37 -4.45	55.25 4.75 -5.23	61.58 5.56 -5.02	67.60 5.99 -5.13	79.99 6.51 -10.93	95.42 8.76 -7.78	109.38 10.30 -0.97	102.58 9.29 -0.42	81.19 6.57 0.00	68.67 5.29 -1.10	56.50 4.30 -2.79	45.59 3.79 -1.92	40.47 3.58 -2.47
GLOBAL GREEN_PORT_GT1 23814	38.20 3.91 -4.23	36.55 3.22 -6.46	35.52 2.91 -6.67	32.30 2.74 -5.07	31.92 2.79 -4.62	34.06 3.01 -5.92	34.51 3.58 -3.79	36.90 4.16 -1.48	38.68 4.83 -0.79	40.11 5.23 -0.69	45.01 6.28 -1.09	79.65 7.18 -31.67	93.14 7.88 -40.00	139.13 9.24 -78.89	151.24 10.11 -84.65	173.71 11.33 -99.83	241.16 14.67 -147.60	234.58 14.82 -121.65	307.03 16.07 -198.09	147.92 12.09 -61.21	134.90 9.28 -63.34	61.70 7.41 -4.87	47.35 5.54 -1.92	41.88 4.99 -2.48
GLOBE___DSASP 323697	28.84 -1.23 0.00	25.79 -1.07 0.00	24.70 -1.25 0.00	23.26 -1.22 0.00	23.21 -1.30 0.00	24.19 -0.93 0.00	25.99 -1.14 0.00	29.44 -1.81 0.00	30.78 -2.28 0.00	32.31 -1.88 0.00	36.05 -1.58 0.00	39.09 -1.71 0.00	43.95 -1.31 0.00	49.22 -1.79 0.00	54.50 -1.98 0.00	60.49 -2.06 0.00	74.15 -4.73 0.00	93.11 -5.00 0.00	88.69 -4.18 0.00	73.65 -0.97 0.00	61.47 -0.81 0.00	48.28 -1.14 0.00	38.85 -1.04 0.00	32.97 -1.45 0.00
GOETHSLN___LBMP 323567	32.68 2.62 0.00	29.04 2.18 0.00	27.79 1.84 0.00	26.20 1.71 0.00	26.23 1.72 0.00	26.91 1.78 0.00	29.33 2.20 0.00	33.82 2.56 0.00	35.94 2.88 0.00	37.13 3.18 0.24	39.30 3.31 1.64	39.47 3.51 4.84	40.02 3.67 8.91	39.98 4.34 15.36	40.48 4.46 20.46	42.04 4.69 25.21	61.51 6.63 24.01	78.97 7.65 26.80	72.19 6.59 27.28	51.20 4.48 27.90	41.64 3.55 24.19	39.35 2.92 12.98	38.40 2.71 4.20	37.13 2.72 0.00
GOLAH___69_KV_TB 1_2 80279	30.04 -0.03 0.00	26.78 -0.08 0.00	25.71 -0.23 0.00	24.19 -0.29 0.00	24.19 -0.32 0.00	25.07 -0.05 0.00	27.08 -0.05 0.00	31.01 -0.25 0.00	32.57 -0.50 0.00	33.95 -0.24 0.00	37.67 0.04 0.00	40.92 0.12 0.00	45.90 0.63 0.00	51.62 0.61 0.00	57.10 0.62 0.00	63.37 0.81 0.00	78.65 -0.24 0.00	98.60 0.49 0.00	93.71 0.84 0.00	77.01 2.39 0.00	64.08 1.81 0.00	50.56 1.14 0.00	40.64 0.76 0.00	34.59 0.17 0.00

GOODYEAR_LAKE_HYD 323669	31.60 1.53 0.00	28.23 1.37 0.00	27.27 1.32 0.00	25.68 1.20 0.00	25.76 1.25 0.00	26.43 1.31 0.00	28.54 1.41 0.00	32.66 1.41 0.00	34.52 1.45 0.00	35.87 1.68 0.00	39.44 1.81 0.00	42.72 1.92 0.00	47.62 2.35 0.00	53.71 2.70 0.00	59.59 3.11 0.00	66.12 3.57 0.00	84.43 4.34 -1.20	104.68 5.89 -0.68	99.47 5.94 -0.65	79.33 4.70 0.00	69.99 4.11 -3.60	52.53 3.11 0.00	42.20 2.31 0.00	36.31 1.89 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.93 0.54 -0.33	27.45 0.48 -0.10	26.37 0.39 -0.04	24.83 0.34 0.00	24.85 0.34 0.00	25.57 0.45 0.00	27.78 0.49 -0.16	32.25 0.59 -0.40	34.07 0.50 -0.51	35.55 0.79 -0.57	39.27 0.87 -0.78	42.72 0.94 -0.98	47.57 1.22 -1.08	53.75 1.43 -1.32	59.78 1.64 -1.66	66.58 1.94 -2.08	83.72 1.97 -2.86	104.48 2.75 -3.62	99.17 2.79 -3.51	79.98 2.76 -2.59	67.04 2.24 -2.52	52.21 1.63 -1.16	41.75 1.20 -0.67	35.72 0.86 -0.45
GOUDEY___7 23579	30.96 0.57 -0.33	27.48 0.51 -0.10	26.40 0.42 -0.04	24.85 0.37 0.00	24.88 0.37 0.00	25.60 0.48 0.00	27.80 0.52 -0.16	32.28 0.63 -0.40	34.13 0.56 -0.51	35.59 0.82 -0.57	39.35 0.94 -0.78	42.80 1.02 -0.98	47.66 1.31 -1.08	53.86 1.53 -1.32	59.89 1.75 -1.66	66.64 2.00 -2.08	83.88 2.13 -2.86	104.68 2.94 -3.62	99.36 2.97 -3.51	80.13 2.91 -2.59	67.17 2.37 -2.52	52.31 1.73 -1.16	41.79 1.24 -0.67	35.76 0.89 -0.45
GOUDEY___8 23580	30.93 0.54 -0.33	27.45 0.48 -0.10	26.37 0.39 -0.04	24.83 0.34 0.00	24.85 0.34 0.00	25.57 0.45 0.00	27.78 0.49 -0.16	32.25 0.59 -0.40	34.07 0.50 -0.51	35.55 0.79 -0.57	39.27 0.87 -0.78	42.72 0.94 -0.98	47.57 1.22 -1.08	53.75 1.43 -1.32	59.78 1.64 -1.66	66.58 1.94 -2.08	83.72 1.97 -2.86	104.48 2.75 -3.62	99.17 2.79 -3.51	79.98 2.76 -2.59	67.04 2.24 -2.52	52.21 1.63 -1.16	41.75 1.20 -0.67	35.72 0.86 -0.45
GOWANUS_GT1_1 24077	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.97 4.36 -4.33	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
GOWANUS_GT1_2 24078	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.97 4.36 -4.33	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
GOWANUS_GT1_3 24079	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.97 4.36 -4.33	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
GOWANUS_GT1_4 24080	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.97 4.36 -4.33	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
GOWANUS_GT1_5 24084	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.97 4.36 -4.33	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
GOWANUS_GT1_6 24111	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.97 4.36 -4.33	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
GOWANUS_GT1_7 24112	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.97 4.36 -4.33	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
GOWANUS_GT1_8 24113	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.97 4.36 -4.33	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
GOWANUS_GT2_1 24114	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
GOWANUS_GT2_2 24115	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
GOWANUS_GT2_3 24116	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01

GOWANUS_GT2_4 24117	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
GOWANUS_GT2_5 24118	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
GOWANUS_GT2_6 24119	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
GOWANUS_GT2_7 24120	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
GOWANUS_GT2_8 24121	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
GOWANUS_GT3_1 24122	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.90 4.29 -4.33	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
GOWANUS_GT3_2 24123	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.90 4.29 -4.33	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
GOWANUS_GT3_3 24124	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.																		

GOWANUS_GT4_3 24132	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.79 4.36 -4.15	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
GOWANUS_GT4_4 24133	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.79 4.36 -4.15	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
GOWANUS_GT4_5 24134	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.79 4.36 -4.15	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
GOWANUS_GT4_6 24135	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.79 4.36 -4.15	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
GOWANUS_GT4_7 24136	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.79 4.36 -4.15	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
GOWANUS_GT4_8 24137	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.79 4.36 -4.15	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
GREENBSH_115KV_TB3 55895	30.85 0.78 0.00	27.59 0.73 0.00	26.72 0.78 0.00	25.24 0.76 0.00	25.27 0.76 0.00	25.85 0.73 0.00	27.84 0.71 0.00	31.91 0.66 0.00	33.69 0.63 0.00	34.98 0.79 0.00	38.42 0.79 0.00	41.66 0.86 0.00	45.95 0.68 0.00	51.82 0.82 0.00	57.39 0.90 0.00	63.75 1.19 0.00	47.64 1.81 33.06	81.45 1.96 18.63	79.97 1.95 14.85	75.82 1.19 0.00	70.00 1.12 -6.60	50.36 0.94 0.00	40.84 0.96 0.00	35.34 0.93 0.00
GREENDGE_115KV_TB5 80291	30.88 0.54 -0.27	27.40 0.46 -0.08	26.23 0.26 -0.03	24.68 0.20 0.00	24.68 0.17 0.00	25.55 0.43 0.00	27.78 0.52 -0.13	31.94 0.38 -0.31	33.62 0.17 -0.39	35.15 0.51 -0.44	38.87 0.64 -0.60	42.33 0.78 -0.76	47.46 1.36 -0.83	53.66 1.63 -1.02	59.62 1.86 -1.28	66.41 2.25 -1.60	82.75 1.66 -2.20	103.85 2.94 -2.79	98.83 3.25 -2.71	80.88 4.25 -2.00	67.23 3.36 -1.59	52.64 2.32 -0.90	41.92 1.52 -0.51	35.55 0.79 -0.34
GREENIDGE___3 23582	30.88 0.54 -0.27	27.40 0.46 -0.08	26.23 0.26 -0.03	24.68 0.20 0.00	24.68 0.17 0.00	25.55 0.43 0.00	27.78 0.52 -0.13	31.94 0.38 -0.31	33.62 0.17 -0.39	35.15 0.51 -0.44	38.87 0.64 -0.60	42.33 0.78 -0.76	47.46 1.36 -0.83	53.66 1.63 -1.02	59.62 1.86 -1.28	66.41 2.25 -1.60	82.75 1.66 -2.20	103.85 2.94 -2.79	98.83 3.25 -2.71	80.88 4.25 -2.00	67.23 3.36 -1.59	52.64 2.32 -0.90	41.92 1.52 -0.51	35.55 0.79 -0.34
GREENIDGE___4 23583	30.91 0.57 -0.27	27.40 0.46 -0.08	26.31 0.34 -0.03	24.68 0.19 0.00	24.68 0.17 0.00	25.55 0.43 0.00	27.78 0.51 -0.13	31.94 0.38 -0.31	33.62 0.17 -0.39	35.49 0.86 -0.44	38.94 0.71 -0.60	42.33 0.77 -0.76	47.46 1.36 -0.83	53.66 1.63 -1.02	59.68 1.92 -1.28	66.54 2.38 -1.60	82.75 1.66 -2.20	103.84 2.94 -2.79	98.83 3.25 -2.71	80.80 4.18 -2.00	67.22 3.36 -1.59	52.69 2.37 -0.90	41.92 1.52 -0.51	36.27 1.51 -0.34
GREENLWN_69_KV_BK 3 55738	37.15 2.86 -4.23	35.85 2.53 -6.46	34.92 2.31 -6.67	31.71 2.15 -5.07	31.26 2.13 -4.62	33.28 2.24 -5.92	33.53 2.60 -3.79	35.65 2.91 -1.48	37.03 3.17 -0.79	38.36 3.49 -0.69	42.30 3.61 -1.05	43.30 4.00 1.50	47.29 4.39 2.37	45.14 5.25 11.12	49.84 5.59 12.24	60.26 6.19 8.49	64.56 8.44 22.77	82.62 9.91 25.40	59.30 9.19 42.77	67.74 6.49 13.37	55.01 5.23 12.50	55.85 4.10 -2.33	44.99 3.19 -1.92	39.99 3.10 -2.47
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.97 4.36 -4.33	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01
GRISSOM___SOLAR 323813	33.95 3.88 0.00	30.46 3.60 0.00	29.21 3.27 0.00	27.42 2.94 0.00	27.50 2.99 0.00	28.31 3.19 0.00	30.66 3.53 0.00	34.88 3.62 0.00	36.60 3.54 0.00	37.92 3.73 0.00	41.70 4.07 0.00	45.29 4.49 0.00	50.88 5.61 0.00	57.23 6.22 0.00	63.66 7.17 0.00	71.51 8.95 0.00	94.10 11.36 -3.85	116.37 16.09 -2.17	112.37 17.18 -2.31	88.73 14.11 0.00	86.10 12.15 -11.67	58.61 9.19 0.00	46.39 6.50 0.00	39.64 5.23 0.00
GROVEVILLE___HYD 323602	32.56 2.50 0.00	29.01 2.15 0.00	27.89 1.95 0.00	26.27 1.79 0.00	26.27 1.76 0.00	26.96 1.83 0.00	29.27 2.14 0.00	33.41 2.16 0.00	35.61 2.55 0.00	37.20 3.01 0.00	40.83 3.20 0.00	44.19 3.39 0.00	49.39 4.12 0.00	55.80 4.79 0.00	61.68 5.20 0.00	68.38 5.82 0.00	87.62 7.49 -1.24	107.93 9.12 -0.70	101.14 8.27 0.00	80.52 5.90 0.00	68.23 4.80 -1.15	53.13 3.71 0.00	42.84 2.95 0.00	37.20 2.79 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.98 0.03 -0.88	27.17 0.03 -0.27	25.99 -0.05 -0.10	24.44 -0.05 0.00	24.44 -0.07 0.00	25.10 -0.03 0.00	27.56 0.00 -0.43	32.32 0.06 -1.00	34.30 -0.03 -1.27	35.80 0.17 -1.43	39.57 0.00 -1.94	43.25 0.00 -2.45	48.19 0.23 -2.69	54.66 0.36 -3.29	61.01 0.40 -4.14	68.25 0.50 -5.19	86.42 0.39 -7.14	107.84 0.69 -9.04	102.39 0.74 -8.77	82.07 0.97 -6.48	68.16 0.75 -5.14	52.87 0.54 -2.90	41.87 0.32 -1.66	35.77 0.24 -1.12

HAMLTNNY_34_KV_TB 80303	31.09 0.12 -0.90	27.23 0.08 -0.28	26.05 0.00 -0.10	24.49 0.00 0.00	24.49 -0.02 0.00	25.17 0.05 0.00	27.65 0.08 -0.44	32.44 0.13 -1.06	34.43 0.03 -1.34	35.94 0.24 -1.51	39.90 0.23 -2.04	43.67 0.29 -2.58	48.70 0.59 -2.84	55.25 0.77 -3.48	61.75 0.90 -4.37	69.16 1.13 -5.48	87.45 1.03 -7.54	109.22 1.57 -9.54	103.71 1.58 -9.26	83.25 1.79 -6.84	69.13 1.43 -5.42	53.47 0.99 -3.06	42.28 0.64 -1.75	35.94 0.34 -1.18
HAMPSHIRE___PAPER_HYD 323593	29.55 -0.81 -0.29	26.26 -0.70 -0.09	25.28 -0.70 -0.03	23.80 -0.69 0.00	23.87 -0.64 0.00	24.49 -0.63 0.00	26.62 -0.65 -0.14	30.85 -0.78 -0.38	32.68 -0.86 -0.47	33.63 -1.10 -0.54	37.19 -1.17 -0.72	40.49 -1.22 -0.92	44.87 -1.40 -1.01	50.56 -1.68 -1.23	56.34 -1.69 -1.55	62.44 -2.06 -1.94	70.47 -2.76 5.65	98.45 -3.04 -3.38	93.65 -2.50 -3.28	75.34 -1.71 -2.43	63.14 -1.06 -1.92	49.57 -0.94 -1.09	39.63 -0.88 -0.62	33.83 -1.00 -0.42
HARDSCRABBLE_WT_PWR 323673	30.73 0.66 0.00	27.48 0.62 0.00	26.54 0.60 0.00	25.02 0.54 0.00	25.07 0.56 0.00	25.70 0.58 0.00	27.78 0.65 0.00	31.88 0.62 0.00	33.69 0.63 0.00	34.91 0.72 0.00	38.38 0.75 0.00	41.57 0.77 0.00	46.26 0.99 0.00	52.18 1.17 0.00	57.84 1.35 0.00	64.18 1.62 0.00	81.67 1.97 -0.81	100.76 2.65 0.00	95.28 2.41 0.00	76.49 1.87 0.00	63.89 1.62 0.00	50.70 1.28 0.00	40.88 1.00 0.00	35.24 0.82 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.29 2.23 0.00	28.80 1.93 0.00	27.66 1.71 0.00	26.08 1.59 0.00	26.08 1.57 0.00	26.75 1.63 0.00	29.06 1.93 0.00	33.26 2.00 0.00	35.31 2.25 0.00	36.82 2.63 0.00	40.38 2.75 0.00	43.70 2.90 0.00	48.66 3.39 0.00	54.99 3.98 0.00	60.77 4.29 0.00	67.31 4.75 0.00	86.92 6.63 -1.40	106.85 7.95 -0.79	99.93 7.06 0.00	79.55 4.93 0.00	67.27 3.99 -1.01	52.53 3.11 0.00	42.44 2.55 0.00	36.89 2.48 0.00
HARSNRAD_115KV_TB1 81005	29.68 -0.39 0.00	26.51 -0.35 0.00	25.40 -0.54 0.00	23.87 -0.61 0.00	23.85 -0.66 0.00	24.85 -0.28 0.00	26.72 -0.41 0.00	30.38 -0.88 0.00	31.64 -1.42 0.00	33.10 -1.09 0.00	36.77 -0.87 0.00	39.90 -0.90 0.00	44.90 -0.36 0.00	50.34 -0.66 0.00	55.75 -0.73 0.00	61.87 -0.69 0.00	75.89 -3.00 0.00	95.37 -2.75 0.00	90.83 -2.04 0.00	75.37 0.75 0.00	62.90 0.62 0.00	49.42 0.00 0.00	39.69 -0.20 0.00	33.66 -0.76 0.00
HARZA MOOSE___RIVER 24016	30.83 0.51 -0.25	27.40 0.46 -0.08	26.34 0.36 -0.03	24.80 0.32 0.00	24.88 0.37 0.00	25.55 0.43 0.00	27.77 0.52 -0.12	32.00 0.44 -0.31	33.82 0.36 -0.39	35.05 0.41 -0.44	38.68 0.45 -0.60	42.05 0.49 -0.76	46.82 0.72 -0.83	52.89 0.87 -1.02	58.95 1.19 -1.28	65.54 1.38 -1.60	81.04 1.66 -0.49	103.65 2.75 -2.79	98.56 2.97 -2.71	79.16 2.54 -2.00	66.23 2.37 -1.59	52.05 1.73 -0.90	41.48 1.08 -0.51	35.45 0.69 -0.35
HDSNBRDG_115KV_BRDG_TB1 355580	30.36 -0.18 -0.48	26.85 -0.16 -0.15	25.76 -0.23 -0.05	24.26 -0.22 0.00	24.29 -0.22 0.00	24.95 -0.18 0.00	27.20 -0.16 -0.23	31.62 -0.19 -0.55	33.47 -0.30 -0.70	34.88 -0.10 -0.79	38.59 -0.11 -1.07	42.07 -0.08 -1.35	46.85 0.09 -1.49	53.03 0.20 -1.82	59.05 0.28 -2.28	65.80 0.38 -2.87	82.99 0.16 -3.94	103.50 0.39 -4.99	98.18 0.46 -4.85	78.95 0.75 -3.58	65.68 0.56 -2.84	51.37 0.35 -1.60	40.92 0.12 -0.92	34.96 -0.07 -0.62
HELLGATE_13_KV_LD 55870	32.96 2.89 -0.01	29.29 2.42 -0.01	28.08 2.13 -0.01	26.44 1.96 0.00	26.47 1.96 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.98 2.72 0.00	36.20 3.14 0.00	39.36 3.52 -1.64	41.83 3.65 -0.54	44.51 3.71 0.00	49.16 3.89 0.00	55.60 4.59 0.00	61.00 4.52 0.00	67.44 4.88 0.00	87.55 6.94 -1.72	106.83 7.75 -0.97	99.98 6.69 -0.42	79.10 4.48 0.00	67.17 3.80 -1.09	52.38 2.97 0.00	42.72 2.83 0.00	37.48 3.06 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.96 2.89 -0.01	29.29 2.42 -0.01	28.08 2.13 -0.01	26.44 1.96 0.00	26.47 1.96 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.98 2.72 0.00	36.20 3.14 0.00	39.36 3.52 -1.64	41.83 3.65 -0.54	44.51 3.71 0.00	49.16 3.89 0.00	55.60 4.59 0.00	61.00 4.52 0.00	67.44 4.88 0.00	87.55 6.94 -1.72	106.83 7.75 -0.97	99.98 6.69 -0.42	79.10 4.48 0.00	67.17 3.80 -1.09	52.38 2.97 0.00	42.72 2.83 0.00	37.48 3.06 0.00
HEMPSTEAD____ 23647	37.30 3.01 -4.23	35.88 2.55 -6.46	34.90 2.28 -6.67	31.69 2.13 -5.07	31.24 2.11 -4.62	33.25 2.21 -5.92	33.50 2.58 -3.79	35.68 2.94 -1.48	37.16 3.31 -0.79	38.33 3.45 -0.69	42.60 3.91 -1.06	49.37 4.12 -4.45	54.93 4.44 -5.23	61.28 5.25 -5.02	67.21 5.59 -5.13	79.56 6.07 -10.93	94.95 8.28 -7.78	108.70 9.62 -0.97	102.02 8.73 -0.42	80.81 6.19 0.00	68.30 4.92 -1.10	56.21 4.00 -2.79	45.24 3.43 -1.92	39.99 3.10 -2.48
HEWLETT_69_KV_BK3 55828	37.63 3.34 -4.23	36.17 2.85 -6.46	35.16 2.54 -6.67	31.91 2.35 -5.07	31.48 2.35 -4.62	33.48 2.44 -5.92	33.75 2.82 -3.79	35.96 3.22 -1.48	37.46 3.60 -0.79	38.91 4.03 -0.69	43.02 4.33 -1.06	49.86 4.61 -4.45	55.52 5.02 -5.23	61.68 5.66 -5.02	67.38 5.76 -5.13	79.68 6.19 -10.93	95.11 8.44 -7.78	108.99 9.91 -0.97	102.21 8.92 -0.42	80.97 6.34 0.00	68.55 5.17 -1.10	56.70 4.50 -2.79	45.79 3.99 -1.92	40.64 3.75 -2.47
HICKLING___1 23621	31.00 0.66 -0.27	27.57 0.62 -0.08	26.39 0.42 -0.03	24.83 0.34 0.00	24.83 0.32 0.00	25.70 0.58 0.00	27.89 0.62 -0.13	32.17 0.59 -0.32	33.86 0.40 -0.40	35.50 0.85 -0.45	39.30 1.05 -0.61	42.76 1.18 -0.77	47.93 1.81 -0.85	54.14 2.09 -1.04	60.22 2.43 -1.31	67.01 2.82 -1.64	83.75 2.60 -2.25	104.79 3.83 -2.85	99.64 3.99 -2.77	81.07 4.40 -2.05	67.73 3.49 -1.96	52.76 2.42 -0.92	42.21 1.79 -0.52	35.87 1.10 -0.35
HICKLING___2 23622	31.00 0.66 -0.27	27.57 0.62 -0.08	26.39 0.42 -0.03	24.83 0.34 0.00	24.83 0.32 0.00	25.70 0.58 0.00	27.89 0.62 -0.13	32.17 0.59 -0.32	33.86 0.40 -0.40	35.50 0.85 -0.45	39.30 1.05 -0.61	42.76 1.18 -0.77	47.93 1.81 -0.85	54.14 2.09 -1.04	60.22 2.43 -1.31	67.01 2.82 -1.64	83.75 2.60 -2.25	104.79 3.83 -2.85	99.64 3.99 -2.77	81.07 4.40 -2.05	67.73 3.49 -1.96	52.76 2.42 -0.92	42.21 1.79 -0.52	35.87 1.10 -0.35
HIGH FALLS___HY 23754	32.41 2.35 0.00	28.83 1.96 0.00	27.68 1.74 0.00	26.10 1.62 0.00	26.08 1.57 0.00	26.75 1.63 0.00	29.08 1.95 0.00	33.16 1.91 0.00	35.31 2.25 0.00	36.86 2.67 0.00	40.38 2.75 0.00	43.66 2.86 0.00	48.93 3.67 0.00	54.99 3.98 0.00	60.77 4.29 0.00	67.25 4.69 0.00	83.23 6.78 2.44	105.08 8.34 1.38	99.08 7.52 1.32	79.85 5.22 0.00	68.08 4.11 -1.70	52.98 3.56 0.00	42.52 2.63 0.00	36.96 2.55 0.00
HIGH_RIVER___SOLAR 323847	31.69 1.62 0.00	28.34 1.48 0.00	27.34 1.40 0.00	25.78 1.30 0.00	25.81 1.30 0.00	26.48 1.36 0.00	28.57 1.44 0.00	32.70 1.44 0.00	34.52 1.45 0.00	35.73 1.54 0.00	39.29 1.65 0.00	42.64 1.84 0.00	47.48 2.22 0.00	53.56 2.55 0.00	59.30 2.82 0.00	65.94 3.38 0.00	87.46 4.34 -4.24	106.39 5.89 -2.39	101.66 6.22 -2.56	79.70 5.08 0.00	79.56 4.42 -12.86	52.83 3.41 0.00	42.40 2.51 0.00	36.45 2.03 0.00

HILLBURN___GT 23639	32.32 2.26 0.00	28.82 1.96 0.00	27.66 1.71 0.00	26.08 1.59 0.00	26.10 1.59 0.00	26.78 1.66 0.00	29.11 1.98 0.00	33.38 2.13 0.00	35.48 2.41 0.00	36.83 2.63 0.00	40.46 2.82 0.00	43.82 3.02 0.00	48.62 3.35 0.00	54.99 3.98 0.00	60.72 4.24 0.00	67.12 4.56 0.00	86.75 6.39 -1.47	106.39 7.45 -0.83	99.47 6.59 0.00	79.18 4.55 0.00	66.98 3.67 -1.03	52.28 2.87 0.00	42.32 2.43 0.00	36.65 2.24 0.00
HILLSIDE_115KV_TB1 80332	30.56 0.21 -0.28	27.17 0.21 -0.09	26.03 0.05 -0.03	24.51 0.02 0.00	24.49 -0.02 0.00	25.35 0.23 0.00	27.48 0.22 -0.13	31.68 0.09 -0.33	33.38 -0.10 -0.41	34.97 0.31 -0.47	38.72 0.45 -0.63	42.09 0.49 -0.80	47.19 1.04 -0.88	53.26 1.17 -1.08	59.19 1.36 -1.35	65.88 1.63 -1.70	82.41 1.18 -2.34	103.04 1.96 -2.96	97.88 2.14 -2.87	79.43 2.69 -2.12	66.43 2.12 -2.03	51.75 1.38 -0.95	41.39 0.96 -0.54	35.30 0.52 -0.37
HISHELDN_WT_PWR 323625	30.13 0.06 0.00	26.86 0.00 0.00	25.89 -0.05 0.00	24.22 -0.27 0.00	24.19 -0.32 0.00	25.17 0.05 0.00	27.10 -0.03 0.00	30.88 -0.37 0.00	32.34 -0.73 0.00	34.60 0.41 0.00	37.78 0.15 0.00	40.88 0.08 0.00	45.99 0.72 0.00	51.67 0.66 0.00	57.21 0.73 0.00	63.69 1.13 0.00	78.50 -0.39 0.00	98.31 0.20 0.00	93.61 0.74 0.00	77.16 2.54 0.00	64.33 2.05 0.00	50.70 1.28 0.00	40.64 0.76 0.00	35.86 1.45 0.00
HOLTSVILLE_IC_1 23690	37.42 3.13 -4.23	35.98 2.66 -6.46	35.00 2.39 -6.67	31.81 2.25 -5.07	31.38 2.25 -4.62	33.38 2.34 -5.92	33.69 2.77 -3.79	35.86 3.13 -1.48	37.35 3.50 -0.79	38.40 3.52 -0.69	42.79 4.07 -1.09	76.32 4.41 -31.11	89.30 4.75 -39.29	133.94 5.56 -77.38	145.43 5.93 -83.02	167.01 6.44 -98.00	232.46 8.83 -144.74	227.59 10.30 -119.18	296.48 9.57 -194.04	141.52 6.94 -59.96	129.82 5.48 -62.06	58.65 4.40 -4.83	45.36 3.55 -1.92	40.16 3.27 -2.48
HOLTSVILLE_IC_10 23699	37.66 3.37 -4.23	36.17 2.85 -6.46	35.16 2.54 -6.67	31.96 2.40 -5.07	31.53 2.40 -4.62	33.53 2.49 -5.92	33.86 2.93 -3.79	36.05 3.31 -1.48	37.59 3.74 -0.79	38.67 3.79 -0.69	43.13 4.40 -1.10	78.77 4.77 -33.20	92.43 5.20 -41.96	140.12 6.07 -83.05	152.10 6.49 -89.13	174.52 7.13 -104.83	244.06 9.70 -155.47	237.93 11.38 -128.44	312.58 10.49 -209.21	146.97 7.69 -64.66	135.23 6.11 -66.84	59.31 4.89 -4.99	45.68 3.87 -1.92	40.44 3.55 -2.48
HOLTSVILLE_IC_2 23691	37.42 3.13 -4.23	35.98 2.66 -6.46	35.00 2.39 -6.67	31.81 2.25 -5.07	31.38 2.25 -4.62	33.38 2.34 -5.92	33.69 2.77 -3.79	35.86 3.13 -1.48	37.35 3.50 -0.79	38.40 3.52 -0.69	42.79 4.07 -1.09	76.32 4.41 -31.11	89.30 4.75 -39.29	133.94 5.56 -77.38	145.43 5.93 -83.02	167.01 6.44 -98.00	232.46 8.83 -144.74	227.59 10.30 -119.18	296.48 9.57 -194.04	141.52 6.94 -59.96	129.82 5.48 -62.06	58.65 4.40 -4.83	45.36 3.55 -1.92	40.16 3.27 -2.48
HOLTSVILLE_IC_3 23692	37.42 3.13 -4.23	35.98 2.66 -6.46	35.00 2.39 -6.67	31.81 2.25 -5.07	31.38 2.25 -4.62	33.38 2.34 -5.92	33.69 2.77 -3.79	35.86 3.13 -1.48	37.35 3.50 -0.79	38.40 3.52 -0.69	42.79 4.07 -1.09	76.32 4.41 -31.11	89.30 4.75 -39.29	133.94 5.56 -77.38	145.43 5.93 -83.02	167.01 6.44 -98.00	232.46 8.83 -144.74	227.59 10.30 -119.18	296.48 9.57 -194.04	141.52 6.94 -59.96	129.82 5.48 -62.06	58.65 4.40 -4.83	45.36 3.55 -1.92	40.16 3.27 -2.48
HOLTSVILLE_IC_4 23693	37.42 3.13 -4.23	35.98 2.66 -6.46	35.00 2.39 -6.67	31.81 2.25 -5.07	31.38 2.25 -4.62	33.38 2.34 -5.92	33.69 2.77 -3.79	35.86 3.13 -1.48	37.35 3.50 -0.79	38.40 3.52 -0.69	42.79 4.07 -1.09	76.32 4.41 -31.11	89.30 4.75 -39.29	133.94 5.56 -77.38	145.43 5.93 -83.02	167.01 6.44 -98.00	232.46 8.83 -144.74	227.59 10.30 -119.18	296.48 9.57 -194.04	141.52 6.94 -59.96	129.82 5.48 -62.06	58.65 4.40 -4.83	45.36 3.55 -1.92	40.16 3.27 -2.48
HOLTSVILLE_IC_5 23694	37.42 3.13 -4.23	35.98 2.66 -6.46	35.00 2.39 -6.67	31.81 2.25 -5.07	31.38 2.25 -4.62	33.38 2.34 -5.92	33.69 2.77 -3.79	35.86 3.13 -1.48	37.35 3.50 -0.79	38.40 3.52 -0.69	42.79 4.07 -1.09	76.32 4.41 -31.11	89.30 4.75 -39.29	133.94 5.56 -77.38	145.43 5.93 -83.02	167.01 6.44 -98.00	232.46 8.83 -144.74	227.59 10.30 -119.18	296.48 9.57 -194.04	141.52 6.94 -59.96	129.82 5.48 -62.06	58.65 4.40 -4.83	45.36 3.55 -1.92	40.16 3.27 -2.48
HOLTSVILLE_IC_6 23695	37.66 3.37 -4.23	36.17 2.85 -6.46	35.16 2.54 -6.67	31.96 2.40 -5.07	31.53 2.40 -4.62	33.53 2.49 -5.92	33.86 2.93 -3.79	36.05 3.31 -1.48	37.59 3.74 -0.79	38.67 3.79 -0.69	43.13 4.40 -1.10	78.77 4.77 -33.20	92.43 5.20 -41.96	140.12 6.07 -83.05	152.10 6.49 -89.13	174.52 7.13 -104.83	244.06 9.70 -155.47	237.93 11.38 -128.44	312.58 10.49 -209.21	146.97 7.69 -64.66	135.23 6.11 -66.84	59.31 4.89 -4.99	45.68 3.87 -1.92	40.44 3.55 -2.48
HOLTSVILLE_IC_7 23696	37.66 3.37 -4.23	36.17 2.85 -6.46	35.16 2.54 -6.67	31.96 2.40 -5.07	31.53 2.40 -4.62	33.53 2.49 -5.92	33.86 2.93 -3.79	36.05 3.31 -1.48	37.59 3.74 -0.79	38.67 3.79 -0.69	43.13 4.40 -1.10	78.77 4.77 -33.20	92.43 5.20 -41.96	140.12 6.07 -83.05	152.10 6.49 -89.13	174.52 7.13 -104.83	244.06 9.70 -155.47	237.93 11.38 -128.44	312.58 10.49 -209.21	146.97 7.69 -64.66	135.23 6.11 -66.84	59.31 4.89 -4.99	45.68 3.87 -1.92	40.44 3.55 -2.48
HOLTSVILLE_IC_8 23697	37.66 3.37 -4.23	36.17 2.85 -6.46	35.16 2.54 -6.67	31.96 2.40 -5.07	31.53 2.40 -4.62	33.53 2.49 -5.92	33.86 2.93 -3.79	36.05 3.31 -1.48	37.59 3.74 -0.79	38.67 3.79 -0.69	43.13 4.40 -1.10	78.77 4.77 -33.20	92.43 5.20 -41.96	140.12 6.07 -83.05	152.10 6.49 -89.13	174.52 7.13 -104.83	244.06 9.70 -155.47	237.93 11.38 -128.44	312.58 10.49 -209.21	146.97 7.69 -64.66	135.23 6.11 -66.84	59.31 4.89 -4.99	45.68 3.87 -1.92	40.44 3.55 -2.48
HOLTSVILLE_IC_9 23698	37.66 3.37 -4.23	36.17 2.85 -6.46	35.16 2.54 -6.67	31.96 2.40 -5.07	31.53 2.40 -4.62	33.53 2.49 -5.92	33.86 2.93 -3.79	36.05 3.31 -1.48	37.59 3.74 -0.79	38.67 3.79 -0.69	43.13 4.40 -1.10	78.77 4.77 -33.20	92.43 5.20 -41.96	140.12 6.07 -83.05	152.10 6.49 -89.13	174.52 7.13 -104.83	244.06 9.70 -155.47	237.93 11.38 -128.44	312.58 10.49 -209.21	146.97 7.69 -64.66	135.23 6.11 -66.84	59.31 4.89 -4.99	45.68 3.87 -1.92	40.44 3.55 -2.48
HOMER_HL_115KV_TB2 355744	30.16 0.09 0.00	27.00 0.13 0.00	25.81 -0.13 0.00	24.29 -0.20 0.00	24.29 -0.22 0.00	25.30 0.18 0.00	27.21 0.08 0.00	31.13 -0.13 0.00	32.63 -0.43 0.00	34.33 0.14 0.00	37.67 0.04 0.00	40.80 0.00 0.00	45.95 0.68 0.00	51.67 0.66 0.00	57.27 0.79 0.00	63.62 1.06 0.00	78.73 -0.16 0.00	98.70 0.59 0.00	93.99 1.11 0.00	77.31 2.69 0.00	64.15 1.87 0.00	50.41 0.99 0.00	40.52 0.64 0.00	34.90 0.48 0.00
HOWARD_WT_PWR 323690	31.17 0.90 -0.20	27.68 0.75 -0.06	26.64 0.67 -0.02	24.95 0.46 0.00	24.93 0.42 0.00	25.87 0.75 0.00	28.01 0.79 -0.10	32.17 0.69 -0.23	33.75 0.40 -0.29	35.92 1.40 -0.32	39.20 1.13 -0.44	42.54 1.18 -0.55	47.82 1.95 -0.61	53.79 2.04 -0.74	59.84 2.43 -0.93	66.73 3.00 -1.17	82.95 2.45 -1.61	103.88 3.73 -2.04	99.04 4.18 -1.98	81.01 4.92 -1.46	67.48 4.05 -1.16	53.14 3.07 -0.66	42.34 2.07 -0.38	36.90 2.24 -0.25

HQ_GEN_CEDARS 23644	29.05 -1.02 0.00	25.98 -0.89 0.00	25.14 -0.80 0.00	23.70 -0.78 0.00	23.73 -0.78 0.00	24.29 -0.83 0.00	26.26 -0.87 0.00	30.38 -0.88 0.00	32.20 -0.86 0.00	33.00 -1.20 0.00	36.39 -1.24 0.00	39.49 -1.31 0.00	43.59 -1.67 0.00	48.86 -2.14 0.00	54.17 -2.32 0.00	59.62 -2.94 0.00	60.31 -3.71 14.87	93.49 -4.61 0.01	88.41 -4.46 0.01	71.34 -3.28 0.00	59.72 -2.55 0.00	47.39 -2.03 0.00	38.41 -1.48 0.00	33.07 -1.34 0.00
HQ_GEN_CEDARS_PROXY 323590	29.01 -1.05 0.00	25.98 -0.89 0.00	25.11 -0.83 0.00	23.70 -0.78 0.00	23.75 -0.76 0.00	24.32 -0.80 0.00	26.26 -0.87 0.00	30.38 -0.88 0.00	32.20 -0.86 0.00	32.96 -1.23 0.00	36.43 -1.21 0.00	39.53 -1.27 0.00	43.59 -1.67 0.00	48.87 -2.14 0.00	54.16 -2.32 0.00	59.62 -2.94 0.00	60.31 -3.71 14.87	93.50 -4.61 0.01	88.41 -4.46 0.01	71.50 -3.28 -0.16	59.56 -2.56 0.16	47.39 -2.03 0.00	39.68 -1.52 -1.31	31.69 -1.41 1.31
HQ_GEN_IMPORT 323601	29.44 -0.63 0.00	26.33 -0.54 0.00	25.45 -0.49 0.00	24.02 -0.47 0.00	24.04 -0.47 0.00	24.62 -0.50 0.00	26.61 -0.52 0.00	10.16 -0.47 20.63	10.16 -0.50 22.41	33.44 -0.75 0.00	36.92 -0.72 0.00	40.02 -0.78 0.00	44.27 -1.00 0.00	49.78 -1.22 0.00	55.13 -1.36 0.00	60.93 -1.63 0.00	73.27 -1.97 3.65	95.56 -2.55 0.00	90.46 -2.42 0.00	72.92 -1.86 -0.16	60.50 -1.62 0.16	48.19 -1.23 0.00	40.28 -0.92 -1.31	32.25 -0.86 1.31
HQ_GEN_WHEEL 23651	29.44 -0.63 0.00	26.33 -0.54 0.00	25.45 -0.49 0.00	24.02 -0.47 0.00	24.04 -0.47 0.00	24.62 -0.50 0.00	26.61 -0.52 0.00	10.16 -0.47 20.63	10.16 -0.50 22.41	33.44 -0.75 0.00	36.92 -0.72 0.00	40.02 -0.78 0.00	44.27 -1.00 0.00	49.78 -1.22 0.00	55.13 -1.36 0.00	60.93 -1.63 0.00	73.27 -1.97 3.65	95.56 -2.55 0.00	90.46 -2.42 0.00	72.92 -1.86 -0.16	60.50 -1.62 0.16	48.19 -1.23 0.00	40.28 -0.92 -1.31	32.25 -0.86 1.31
HUDSON AVE_GT_3 23810	32.86 2.80 0.00	29.20 2.34 0.00	27.99 2.05 0.00	26.37 1.89 0.00	26.40 1.89 0.00	27.08 1.96 0.00	29.52 2.39 0.00	34.01 2.75 0.00	36.17 3.11 0.00	37.68 3.49 0.00	41.28 3.65 0.00	44.68 3.88 0.00	49.34 4.07 0.00	55.85 4.85 0.00	61.51 5.03 0.00	67.88 5.32 0.00	88.02 7.42 -1.72	107.72 8.63 -0.97	100.81 7.52 -0.42	79.85 5.22 0.00	67.61 4.23 -1.10	52.83 3.41 0.00	42.96 3.07 0.00	37.41 2.99 0.00
HUDSON AVE_GT_4 23540	32.86 2.80 0.00	29.20 2.34 0.00	27.99 2.05 0.00	26.37 1.89 0.00	26.40 1.89 0.00	27.08 1.96 0.00	29.52 2.39 0.00	34.01 2.75 0.00	36.17 3.11 0.00	37.68 3.49 0.00	41.28 3.65 0.00	44.68 3.88 0.00	49.34 4.07 0.00	55.85 4.85 0.00	61.51 5.03 0.00	67.88 5.32 0.00	88.02 7.42 -1.72	107.72 8.63 -0.97	100.81 7.52 -0.42	79.85 5.22 0.00	67.61 4.23 -1.10	52.83 3.41 0.00	42.96 3.07 0.00	37.41 2.99 0.00
HUDSON AVE_GT_5 23657	32.86 2.80 0.00	29.20 2.34 0.00	27.99 2.05 0.00	26.37 1.89 0.00	26.40 1.89 0.00	27.08 1.96 0.00	29.52 2.39 0.00	34.01 2.75 0.00	36.17 3.11 0.00	37.68 3.49 0.00	41.28 3.65 0.00	44.68 3.88 0.00	49.34 4.07 0.00	55.85 4.85 0.00	61.51 5.03 0.00	67.88 5.32 0.00	88.02 7.42 -1.72	107.72 8.63 -0.97	100.81 7.52 -0.42	79.85 5.22 0.00	67.61 4.23 -1.10	52.83 3.41 0.00	42.96 3.07 0.00	37.41 2.99 0.00
HUDSON_AVE_10 24168	32.83 2.77 0.00	29.15 2.28 0.00	27.94 2.00 0.00	26.32 1.84 0.00	26.35 1.84 0.00	27.03 1.91 0.00	29.49 2.36 0.00	33.94 2.69 0.00	36.14 3.07 0.00	37.65 3.45 0.00	41.24 3.61 0.00	44.63 3.84 0.00	49.30 4.03 0.00	55.80 4.79 0.00	61.40 4.91 0.00	67.81 5.25 0.00	88.02 7.42 -1.72	107.62 8.54 -0.97	100.81 7.52 -0.42	79.77 5.15 0.00	67.55 4.17 -1.10	52.78 3.36 0.00	42.88 2.99 0.00	37.34 2.93 0.00
HUDSON___115KV_TB 4 355613	31.57 1.50 0.00	28.23 1.37 0.00	27.29 1.35 0.00	25.76 1.27 0.00	25.76 1.25 0.00	26.40 1.28 0.00	28.43 1.30 0.00	32.35 1.09 0.00	33.99 0.93 0.00	35.29 1.09 0.00	38.65 1.02 0.00	41.94 1.14 0.00	46.31 1.04 0.00	52.23 1.22 0.00	57.89 1.41 0.00	64.50 1.94 0.00	59.31 3.16 22.74	89.42 4.12 12.81	87.13 4.46 10.20	77.76 3.13 0.00	70.28 2.68 -5.33	51.59 2.17 0.00	41.80 1.91 0.00	36.07 1.65 0.00
HUNTER MOUNT___DRP 323613	31.69 1.62 0.00	28.34 1.48 0.00	27.40 1.45 0.00	25.86 1.37 0.00	25.86 1.35 0.00	26.48 1.36 0.00	28.51 1.38 0.00	32.26 1.00 0.00	33.92 0.86 0.00	35.22 1.03 0.00	38.61 0.98 0.00	41.94 1.14 0.00	46.31 1.04 0.00	52.18 1.17 0.00	57.95 1.47 0.00	64.62 2.06 0.00	65.48 3.63 17.04	93.32 4.81 9.60	90.50 5.29 7.67	78.36 3.73 0.00	69.80 3.05 -4.47	51.99 2.57 0.00	42.16 2.27 0.00	36.27 1.86 0.00
HUNTINGTON_RES_REC 323705	37.33 3.04 -4.23	35.96 2.63 -6.46	35.03 2.41 -6.67	31.81 2.25 -5.07	31.38 2.25 -4.62	33.38 2.34 -5.92	33.66 2.74 -3.79	35.80 3.06 -1.48	37.23 3.37 -0.79	38.26 3.39 -0.69	42.53 3.84 -1.06	117.02 4.24 -71.97	141.46 4.71 -91.49	244.78 5.51 -188.27	264.73 5.87 -202.38	300.50 6.51 -231.43	442.56 9.07 -354.61	409.03 10.60 -300.32	593.45 9.84 -490.73	233.63 7.16 -151.84	223.37 5.61 -155.49	61.85 4.45 -7.98	45.19 3.39 -1.92	39.95 3.06 -2.47
HUNTLEY___63 23557	29.86 -0.21 0.00	26.65 -0.21 0.00	25.56 -0.39 0.00	24.02 -0.47 0.00	23.97 -0.54 0.00	25.00 -0.13 0.00	26.89 -0.24 0.00	30.57 -0.69 0.00	31.97 -1.09 0.00	33.58 -0.62 0.00	37.41 -0.23 0.00	40.55 -0.24 0.00	45.54 0.27 0.00	51.11 0.10 0.00	56.65 0.17 0.00	62.87 0.31 0.00	77.23 -1.66 0.00	96.84 -1.28 0.00	92.32 -0.56 0.00	76.64 2.01 0.00	63.83 1.56 0.00	50.11 0.69 0.00	40.33 0.44 0.00	34.17 -0.24 0.00
HUNTLEY___64 23558	29.86 -0.21 0.00	26.65 -0.21 0.00	25.56 -0.39 0.00	24.02 -0.47 0.00	23.97 -0.54 0.00	25.00 -0.13 0.00	26.89 -0.24 0.00	30.57 -0.69 0.00	31.97 -1.09 0.00	33.58 -0.62 0.00	37.41 -0.23 0.00	40.55 -0.24 0.00	45.54 0.27 0.00	51.11 0.10 0.00	56.65 0.17 0.00	62.87 0.31 0.00	77.23 -1.66 0.00	96.84 -1.28 0.00	92.32 -0.56 0.00	76.64 2.01 0.00	63.83 1.56 0.00	50.11 0.69 0.00	40.33 0.44 0.00	34.17 -0.24 0.00
HUNTLEY___65 23559	29.86 -0.21 0.00	26.65 -0.21 0.00	25.56 -0.39 0.00	24.02 -0.47 0.00	23.97 -0.54 0.00	25.00 -0.13 0.00	26.89 -0.24 0.00	30.57 -0.69 0.00	31.97 -1.09 0.00	33.58 -0.62 0.00	37.41 -0.23 0.00	40.55 -0.24 0.00	45.54 0.27 0.00	51.11 0.10 0.00	56.65 0.17 0.00	62.87 0.31 0.00	77.23 -1.66 0.00	96.84 -1.28 0.00	92.32 -0.56 0.00	76.64 2.01 0.00	63.83 1.56 0.00	50.11 0.69 0.00	40.33 0.44 0.00	34.17 -0.24 0.00
HUNTLEY___66 23560	29.86 -0.21 0.00	26.65 -0.21 0.00	25.56 -0.39 0.00	24.02 -0.47 0.00	23.97 -0.54 0.00	25.00 -0.13 0.00	26.89 -0.24 0.00	30.57 -0.69 0.00	31.97 -1.09 0.00	33.58 -0.62 0.00	37.41 -0.23 0.00	40.55 -0.24 0.00	45.54 0.27 0.00	51.11 0.10 0.00	56.65 0.17 0.00	62.87 0.31 0.00	77.23 -1.66 0.00	96.84 -1.28 0.00	92.32 -0.56 0.00	76.64 2.01 0.00	63.83 1.56 0.00	50.11 0.69 0.00	40.33 0.44 0.00	34.17 -0.24 0.00



HUNTLEY___67 23561	29.65 -0.42 0.00	26.51 -0.35 0.00	25.40 -0.54 0.00	23.90 -0.59 0.00	23.85 -0.66 0.00	24.85 -0.28 0.00	26.75 -0.38 0.00	30.38 -0.88 0.00	31.77 -1.29 0.00	33.37 -0.82 0.00	37.18 -0.45 0.00	40.31 -0.49 0.00	45.36 0.09 0.00	50.90 -0.10 0.00	56.43 -0.06 0.00	62.62 0.06 0.00	76.99 -1.89 0.00	96.54 -1.57 0.00	91.94 -0.93 0.00	76.19 1.57 0.00	63.52 1.25 0.00	49.86 0.44 0.00	40.05 0.16 0.00	34.00 -0.41 0.00
HUNTLEY___68 23562	29.65 -0.42 0.00	26.51 -0.35 0.00	25.40 -0.54 0.00	23.90 -0.59 0.00	23.85 -0.66 0.00	24.85 -0.28 0.00	26.75 -0.38 0.00	30.38 -0.88 0.00	31.77 -1.29 0.00	33.37 -0.82 0.00	37.18 -0.45 0.00	40.31 -0.49 0.00	45.36 0.09 0.00	50.90 -0.10 0.00	56.43 -0.06 0.00	62.62 0.06 0.00	76.99 -1.89 0.00	96.54 -1.57 0.00	91.94 -0.93 0.00	76.19 1.57 0.00	63.52 1.25 0.00	49.86 0.44 0.00	40.05 0.16 0.00	34.00 -0.41 0.00
HYLAND___LFGE 323620	31.63 1.56 0.00	28.18 1.32 0.00	27.14 1.19 0.00	25.34 0.86 0.00	25.34 0.83 0.00	26.33 1.21 0.00	28.41 1.28 0.00	32.32 1.06 0.00	33.30 0.23 0.00	35.01 0.82 0.00	36.50 -1.13 0.00	39.29 -1.51 0.00	44.00 -1.27 0.00	46.26 -4.74 0.00	51.79 -4.69 0.00	57.87 -4.69 0.00	72.42 -6.47 0.00	90.95 -7.16 0.00	88.51 -4.36 0.00	73.51 -1.12 0.00	62.53 0.25 0.00	52.83 3.41 0.00	42.12 2.23 0.00	36.62 2.20 0.00
INDECK___CORINTH 23802	31.60 1.53 0.00	28.26 1.40 0.00	27.22 1.27 0.00	25.61 1.13 0.00	25.64 1.13 0.00	26.30 1.18 0.00	28.43 1.30 0.00	32.60 1.34 0.00	34.48 1.42 0.00	35.77 1.57 0.00	39.10 1.47 0.00	42.51 1.71 0.00	47.48 2.22 0.00	53.20 2.19 0.00	59.03 2.54 0.00	65.82 3.25 -0.01	90.42 4.34 -7.20	107.96 5.79 -4.06	103.75 6.78 -4.10	80.22 5.60 0.00	79.88 5.17 -12.44	53.37 3.96 0.00	42.52 2.63 0.00	36.41 2.00 0.00
INDECK___ILION 23567	30.55 0.48 0.00	27.32 0.46 0.00	26.39 0.44 0.00	24.88 0.39 0.00	24.93 0.42 0.00	25.55 0.43 0.00	27.59 0.46 0.00	31.69 0.44 0.00	33.53 0.46 0.00	34.74 0.55 0.00	38.20 0.56 0.00	41.37 0.57 0.00	45.99 0.72 0.00	51.87 0.87 0.00	57.50 1.02 0.00	63.75 1.19 0.00	81.20 1.50 -0.81	100.08 1.96 0.00	94.82 1.95 0.00	76.04 1.42 0.00	63.52 1.25 0.00	50.41 0.99 0.00	40.64 0.76 0.00	35.03 0.62 0.00
INDECK___OLEAN 23982	30.25 0.18 0.00	27.00 0.13 0.00	25.94 0.00 0.00	24.29 -0.20 0.00	24.29 -0.22 0.00	25.30 0.18 0.00	27.24 0.11 0.00	31.13 -0.12 0.00	32.63 -0.43 0.00	34.84 0.65 0.00	37.75 0.11 0.00	40.80 0.00 0.00	45.95 0.68 0.00	51.67 0.66 0.00	57.27 0.79 0.00	63.74 1.19 0.00	78.73 -0.16 0.00	98.71 0.59 0.00	93.99 1.12 0.00	77.23 2.61 0.00	64.14 1.87 0.00	50.51 1.09 0.00	40.52 0.64 0.00	36.07 1.65 0.00
INDECK___OSWEGO 23783	31.63 -0.54 -2.11	27.01 -0.51 -0.66	25.66 -0.52 -0.24	24.00 -0.49 0.00	23.99 -0.52 0.00	24.62 -0.50 0.00	27.64 -0.52 -1.02	33.36 -0.66 -2.76	35.79 -0.76 -3.48	37.28 -0.85 -3.94	41.90 -1.05 -5.32	46.38 -1.14 -6.73	51.54 -1.13 -7.40	58.89 -1.17 -9.05	66.55 -1.30 -11.37	75.44 -1.38 -14.26	96.11 -1.97 -19.20	120.79 -2.16 -24.84	115.03 -1.95 -24.11	91.08 -1.34 -17.80	75.33 -1.06 -14.11	56.51 -0.89 -7.98	43.58 -0.88 -4.57	36.80 -0.69 -3.07
INDECK___YERKES 23781	29.95 -0.12 0.00	26.68 -0.19 0.00	25.76 -0.18 0.00	24.04 -0.44 0.00	23.99 -0.52 0.00	25.02 -0.10 0.00	26.91 -0.22 0.00	30.60 -0.66 0.00	32.00 -1.06 0.00	34.40 0.21 0.00	37.59 -0.04 0.00	40.64 -0.16 0.00	45.54 0.27 0.00	51.16 0.15 0.00	56.65 0.17 0.00	63.06 0.50 0.00	77.39 -1.50 0.00	96.83 -1.28 0.00	92.41 -0.46 0.00	76.49 1.87 0.00	63.84 1.56 0.00	50.21 0.79 0.00	40.40 0.52 0.00	35.79 1.38 0.00
INDIAN POINT_GT_1 24139	32.35 2.29 0.00	28.83 1.96 0.00	27.68 1.74 0.00	26.10 1.62 0.00	26.13 1.62 0.00	26.80 1.68 0.00	29.14 2.01 0.00	33.51 2.25 0.00	35.58 2.51 0.00	37.06 2.87 0.00	40.60 2.97 0.00	43.94 3.14 0.00	48.66 3.39 0.00	55.04 4.03 0.00	60.77 4.29 0.00	67.19 4.63 0.00	87.03 6.47 -1.67	106.61 7.55 -0.94	99.97 6.69 -0.41	79.25 4.63 0.00	67.16 3.80 -1.09	52.43 3.01 0.00	42.48 2.59 0.00	36.96 2.55 0.00
INDIAN POINT_GT_2 23659	32.35 2.29 0.00	28.83 1.96 0.00	27.68 1.74 0.00	26.10 1.62 0.00	26.13 1.62 0.00	26.80 1.68 0.00	29.14 2.01 0.00	33.51 2.25 0.00	35.58 2.51 0.00	37.06 2.87 0.00	40.60 2.97 0.00	43.94 3.14 0.00	48.66 3.39 0.00	55.04 4.03 0.00	60.77 4.29 0.00	67.19 4.63 0.00	87.03 6.47 -1.67	106.61 7.55 -0.94	99.97 6.69 -0.41	79.25 4.63 0.00	67.16 3.80 -1.09	52.43 3.01 0.00	42.48 2.59 0.00	36.96 2.55 0.00
INDIAN POINT_GT_3 24019	32.35 2.29 0.00	28.83 1.96 0.00	27.68 1.74 0.00	26.10 1.62 0.00	26.13 1.62 0.00	26.80 1.68 0.00	29.14 2.01 0.00	33.51 2.25 0.00	35.58 2.51 0.00	37.06 2.87 0.00	40.60 2.97 0.00	43.94 3.14 0.00	48.66 3.39 0.00	55.04 4.03 0.00	60.77 4.29 0.00	67.19 4.63 0.00	87.03 6.47 -1.67	106.61 7.55 -0.94	99.97 6.69 -0.41	79.25 4.63 0.00	67.16 3.80 -1.09	52.43 3.01 0.00	42.48 2.59 0.00	36.96 2.55 0.00
INDIAN POINT___2 23530	32.32 2.26 0.00	28.80 1.94 0.00	27.63 1.69 0.00	26.08 1.59 0.00	26.08 1.57 0.00	26.75 1.63 0.00	29.09 1.95 0.00	33.41 2.16 0.00	35.51 2.45 0.00	36.86 2.67 0.00	40.49 2.86 0.00	43.82 3.02 0.00	48.57 3.30 0.00	54.88 3.87 0.00	60.60 4.12 0.00	67.00 4.44 0.00	86.64 6.16 -1.60	106.27 7.26 -0.90	99.28 6.40 0.00	79.03 4.40 0.00	66.89 3.55 -1.06	52.24 2.82 0.00	42.32 2.43 0.00	36.65 2.24 0.00
INDIAN POINT___3 23531	32.29 2.23 0.00	28.80 1.93 0.00	27.66 1.71 0.00	26.08 1.59 0.00	26.10 1.59 0.00	26.75 1.63 0.00	29.08 1.95 0.00	33.41 2.16 0.00	35.48 2.41 0.00	36.96 2.77 0.00	40.49 2.86 0.00	43.78 2.98 0.00	48.53 3.26 0.00	54.88 3.88 0.00	60.55 4.07 0.00	66.94 4.38 0.00	86.72 6.15 -1.68	106.22 7.16 -0.95	99.60 6.32 -0.41	78.95 4.33 0.00	66.91 3.55 -1.09	52.24 2.82 0.00	42.32 2.43 0.00	36.86 2.44 0.00
INGHAM_C_115KV_TB7 356103	30.76 0.69 0.00	27.51 0.64 0.00	26.57 0.62 0.00	25.05 0.56 0.00	25.10 0.59 0.00	25.72 0.60 0.00	27.81 0.68 0.00	31.91 0.66 0.00	33.72 0.66 0.00	34.94 0.75 0.00	38.38 0.75 0.00	41.57 0.78 0.00	46.26 1.00 0.00	52.18 1.17 0.00	57.84 1.36 0.00	64.12 1.56 0.00	81.67 1.97 -0.81	100.76 2.65 0.00	95.38 2.51 0.00	76.56 1.94 0.00	63.96 1.68 0.00	50.70 1.28 0.00	40.92 1.04 0.00	35.28 0.86 0.00
IP CORINTH___1 23988	31.75 1.68 0.00	28.42 1.56 0.00	27.37 1.43 0.00	25.76 1.27 0.00	25.78 1.27 0.00	26.45 1.33 0.00	28.60 1.47 0.00	32.79 1.53 0.00	34.68 1.62 0.00	36.04 1.85 0.00	39.33 1.69 0.00	42.76 1.96 0.00	47.71 2.44 0.00	53.51 2.50 0.00	59.36 2.88 0.00	66.19 3.63 0.00	90.90 4.81 -7.20	108.55 6.38 -4.06	104.31 7.34 -4.10	80.67 6.04 0.00	80.26 5.54 -12.44	53.67 4.25 0.00	42.72 2.83 0.00	36.76 2.34 0.00

IP__TICONDEROGA 23804	33.65 3.58 0.00	30.14 3.28 0.00	28.93 2.98 0.00	27.15 2.67 0.00	27.21 2.70 0.00	27.96 2.84 0.00	30.31 3.17 0.00	34.73 3.47 0.00	36.63 3.57 0.00	38.12 3.93 0.00	41.73 4.10 0.00	45.41 4.61 0.00	50.83 5.57 0.00	57.08 6.07 0.00	63.37 6.89 0.00	71.00 8.45 0.00	97.14 10.73 -7.52	116.77 14.42 -4.24	112.46 15.32 -4.26	87.31 12.69 0.00	85.95 11.33 -12.33	58.07 8.65 0.00	45.83 5.94 0.00	39.23 4.82 0.00
ISLIP_RES_REC 323679	37.84 3.55 -4.23	36.31 2.98 -6.46	35.29 2.67 -6.67	32.08 2.52 -5.07	31.65 2.53 -4.62	33.68 2.64 -5.92	33.99 3.06 -3.79	36.27 3.53 -1.48	37.82 3.97 -0.79	38.94 4.07 -0.69	43.47 4.74 -1.10	76.65 5.22 -30.63	89.64 5.70 -38.67	133.71 6.63 -76.08	145.22 7.12 -81.62	166.81 7.82 -96.44	231.74 10.57 -142.27	227.63 12.46 -117.05	294.94 11.51 -190.56	142.01 8.50 -58.88	129.97 6.73 -60.97	59.55 5.34 -4.80	46.00 4.19 -1.93	40.72 3.82 -2.48
JAMAICA__27_KV_LOAD 355505	33.14 3.07 0.00	29.36 2.50 0.00	28.12 2.18 0.00	26.49 2.01 0.00	26.50 1.99 0.00	27.23 2.11 0.00	29.76 2.63 0.00	34.26 3.00 0.00	36.47 3.41 0.00	38.02 3.83 0.00	41.66 4.03 0.00	45.08 4.28 0.00	49.84 4.57 0.00	56.41 5.41 0.00	62.07 5.59 0.00	68.56 6.01 0.00	89.13 8.52 -1.72	108.99 9.91 -0.97	102.21 8.92 -0.42	80.89 6.27 0.00	68.49 5.11 -1.10	53.37 3.95 0.00	43.32 3.43 0.00	37.65 3.24 0.00
JANIS__SOLAR 323808	32.21 1.74 -0.40	28.52 1.53 -0.13	27.34 1.35 -0.05	25.71 1.22 0.00	25.76 1.25 0.00	26.53 1.41 0.00	28.93 1.60 -0.19	33.33 1.59 -0.48	35.03 1.36 -0.61	36.49 1.61 -0.69	40.07 1.51 -0.93	43.57 1.59 -1.18	48.70 2.13 -1.30	55.15 2.55 -1.59	61.58 3.10 -2.00	68.88 3.82 -2.51	87.07 4.73 -3.45	109.74 7.26 -4.36	104.81 7.70 -4.24	84.76 7.01 -3.13	71.35 6.04 -3.03	55.27 4.45 -1.40	43.80 3.11 -0.80	37.54 2.58 -0.54
JARVIS____ 23743	30.34 0.27 0.00	27.11 0.24 0.00	26.18 0.23 0.00	24.70 0.22 0.00	24.73 0.22 0.00	25.35 0.23 0.00	27.37 0.24 0.00	31.48 0.22 0.00	33.30 0.23 0.00	34.50 0.31 0.00	37.93 0.30 0.00	41.12 0.32 0.00	45.67 0.41 0.00	51.46 0.46 0.00	57.05 0.56 0.00	63.18 0.63 0.00	80.49 0.79 -0.81	99.19 1.08 0.00	93.90 1.02 0.00	75.37 0.75 0.00	62.90 0.62 0.00	49.91 0.49 0.00	40.29 0.40 0.00	34.76 0.34 0.00
JENNISON__1 23625	32.27 1.92 -0.28	28.70 1.75 -0.09	27.53 1.56 -0.03	25.91 1.42 0.00	25.98 1.47 0.00	26.73 1.61 0.00	29.09 1.82 -0.14	33.41 1.81 -0.34	35.22 1.72 -0.43	36.67 1.98 -0.49	40.44 2.15 -0.66	43.92 2.28 -0.84	49.13 2.94 -0.92	55.55 3.42 -1.13	62.02 4.12 -1.42	69.09 4.75 -1.78	87.18 5.84 -2.45	109.46 8.24 -3.10	104.15 8.27 -3.01	83.86 7.01 -2.22	70.98 6.04 -2.66	54.86 4.45 -1.00	43.61 3.15 -0.57	37.17 2.37 -0.38
JENNISON__2 23626	32.27 1.92 -0.28	28.70 1.75 -0.09	27.53 1.56 -0.03	25.91 1.42 0.00	25.98 1.47 0.00	26.73 1.61 0.00	29.09 1.82 -0.14	33.41 1.81 -0.34	35.22 1.72 -0.43	36.67 1.98 -0.49	40.44 2.15 -0.66	43.92 2.28 -0.84	49.13 2.94 -0.92	55.55 3.42 -1.13	62.02 4.12 -1.42	69.09 4.75 -1.78	87.18 5.84 -2.45	109.46 8.24 -3.10	104.15 8.27 -3.01	83.86 7.01 -2.22	70.98 6.04 -2.66	54.86 4.45 -1.00	43.61 3.15 -0.57	37.17 2.37 -0.38
JERICHO_RISE_WT_PWR 323719	29.32 -0.75 0.00	26.22 -0.64 0.00	25.40 -0.55 0.00	23.97 -0.52 0.00	24.02 -0.49 0.00	24.62 -0.50 0.00	26.64 -0.49 0.00	30.91 -0.34 0.00	32.80 -0.27 0.00	33.58 -0.61 0.00	37.07 -0.56 0.00	40.23 -0.57 0.00	43.91 -1.36 0.00	48.87 -2.14 0.00	54.11 -2.37 0.00	59.49 -3.06 0.00	59.69 -3.71 15.50	93.50 -4.61 0.01	88.59 -4.27 0.01	71.49 -3.13 0.00	59.85 -2.43 0.00	47.64 -1.78 0.00	39.01 -0.88 0.00	33.52 -0.89 0.00
KATONAH__115KV_46KV_TB4 355592	32.56 2.50 0.00	28.99 2.12 0.00	27.84 1.89 0.00	26.25 1.76 0.00	26.27 1.76 0.00	26.96 1.83 0.00	29.33 2.20 0.00	33.82 2.56 0.00	35.97 2.91 0.00	37.54 3.35 0.00	41.21 3.58 0.00	44.59 3.79 0.00	49.34 4.07 0.00	55.80 4.79 0.00	61.62 5.14 0.00	68.31 5.76 0.00	88.42 7.81 -1.73	108.60 9.52 -0.97	101.74 8.45 -0.42	80.59 5.97 0.00	68.33 4.92 -1.13	53.22 3.81 0.00	43.00 3.11 0.00	37.38 2.96 0.00
KCE_NY_1 323755	31.90 1.83 0.00	28.56 1.69 0.00	27.53 1.58 0.00	25.93 1.44 0.00	25.96 1.45 0.00	26.60 1.48 0.00	28.73 1.60 0.00	32.91 1.66 0.00	34.81 1.75 0.00	36.07 1.88 0.00	39.62 1.99 0.00	43.08 2.28 0.00	47.98 2.72 0.00	54.07 3.06 0.00	59.93 3.45 0.00	66.76 4.19 -0.01	92.23 5.37 -7.97	109.47 6.87 -4.49	104.52 7.15 -4.50	80.29 5.67 0.00	79.45 4.98 -12.18	53.28 3.86 0.00	42.68 2.79 0.00	36.62 2.20 0.00
KCE_NY_6_ESR 323823	30.19 0.12 0.00	26.89 0.03 0.00	25.94 0.00 0.00	24.22 -0.27 0.00	24.19 -0.32 0.00	25.20 0.08 0.00	27.16 0.03 0.00	30.91 -0.34 0.00	32.37 -0.70 0.00	34.71 0.51 0.00	37.97 0.34 0.00	41.05 0.25 0.00	46.22 0.95 0.00	51.97 0.97 0.00	57.55 1.07 0.00	64.12 1.56 0.00	78.81 1.56 0.00	98.61 0.49 0.00	93.99 1.12 0.00	77.68 3.06 0.00	64.70 2.43 0.00	50.95 1.53 0.00	40.76 0.88 0.00	36.10 1.69 0.00
KEDC_PORT_JEFF_GT2 24210	37.54 3.25 -4.23	36.07 2.74 -6.46	35.08 2.47 -6.67	31.86 2.30 -5.07	31.43 2.30 -4.62	33.45 2.41 -5.92	33.75 2.82 -3.79	35.96 3.22 -1.48	37.46 3.60 -0.79	38.50 3.62 -0.69	42.86 4.14 -1.09	81.55 4.24 -36.51	96.07 4.62 -46.18	148.44 5.40 -92.03	160.92 5.65 -98.79	184.32 6.13 -115.63	259.87 8.52 -172.46	251.03 9.81 -143.11	335.22 9.11 -233.24	153.36 6.64 -72.10	141.97 5.29 -74.41	58.92 4.25 -5.25	45.40 3.59 -1.92	40.23 3.34 -2.48
KEDC_PORT_JEFF_GT3 24211	37.54 3.25 -4.23	36.07 2.74 -6.46	35.08 2.47 -6.67	31.86 2.30 -5.07	31.43 2.30 -4.62	33.45 2.41 -5.92	33.75 2.82 -3.79	35.96 3.22 -1.48	37.46 3.60 -0.79	38.50 3.62 -0.69	42.86 4.14 -1.09	81.55 4.24 -36.51	96.07 4.62 -46.18	148.44 5.40 -92.03	160.92 5.65 -98.79	184.32 6.13 -115.63	259.87 8.52 -172.46	251.03 9.81 -143.11	335.22 9.11 -233.24	153.36 6.64 -72.10	141.97 5.29 -74.41	58.92 4.25 -5.25	45.40 3.59 -1.92	40.23 3.34 -2.48
KEDC_GLWD_GT4 24219	37.51 3.22 -4.23	36.04 2.71 -6.46	35.05 2.44 -6.67	31.81 2.25 -5.07	31.38 2.25 -4.62	33.38 2.34 -5.92	33.66 2.74 -3.79	35.86 3.13 -1.48	37.35 3.50 -0.79	38.60 3.73 -0.69	42.94 4.25 -1.06	49.49 4.24 -4.45	55.11 4.62 -5.23	61.48 5.46 -5.02	67.44 5.82 -5.13	79.80 6.32 -10.93	95.19 8.52 -7.78	109.09 10.01 -0.97	102.30 9.01 -0.42	81.04 6.42 0.00	68.49 5.11 -1.10	56.30 4.10 -2.79	45.56 3.75 -1.92	40.27 3.37 -2.48
KEDC_GLWD_GT5 24220	37.51 3.22 -4.23	36.04 2.71 -6.46	35.05 2.44 -6.67	31.81 2.25 -5.07	31.38 2.25 -4.62	33.38 2.34 -5.92	33.66 2.74 -3.79	35.86 3.13 -1.48	37.35 3.50 -0.79	38.60 3.73 -0.69	42.94 4.25 -1.06	49.49 4.24 -4.45	55.11 4.62 -5.23	61.48 5.46 -5.02	67.44 5.82 -5.13	79.80 6.32 -10.93	95.19 8.52 -7.78	109.09 10.01 -0.97	102.30 9.01 -0.42	81.04 6.42 0.00	68.49 5.11 -1.10	56.30 4.10 -2.79	45.56 3.75 -1.92	40.27 3.37 -2.48

KENSICO____ 23655	32.47 2.41 0.00	28.93 2.07 0.00	27.79 1.84 0.00	26.20 1.71 0.00	26.20 1.69 0.00	26.88 1.76 0.00	29.25 2.12 0.00	33.63 2.38 0.00	35.74 2.68 0.00	37.24 3.04 0.00	40.79 3.16 0.00	44.15 3.35 0.00	48.89 3.62 0.00	55.29 4.28 0.00	61.00 4.52 0.00	67.44 4.88 0.00	87.31 6.71 -1.71	107.02 7.95 -0.96	100.26 6.97 -0.42	79.47 4.85 0.00	67.36 3.99 -1.10	52.58 3.16 0.00	42.60 2.71 0.00	37.10 2.68 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.35 2.29 0.00	28.80 1.93 0.00	27.66 1.71 0.00	26.05 1.57 0.00	26.05 1.54 0.00	26.73 1.61 0.00	29.03 1.90 0.00	33.07 1.81 0.00	35.18 2.12 0.00	36.69 2.50 0.00	40.23 2.60 0.00	43.49 2.69 0.00	48.66 3.39 0.00	54.58 3.57 0.00	60.32 3.84 0.00	66.87 4.32 0.00	84.09 6.31 1.11	105.24 7.75 0.63	99.29 7.15 0.73	79.55 4.93 0.00	67.62 3.92 -1.41	52.88 3.46 0.00	42.52 2.63 0.00	36.89 2.48 0.00
KIAC_JFK_GT1 23816	32.80 2.74 0.00	29.09 2.23 0.00	27.94 2.00 0.00	26.35 1.86 0.00	26.35 1.84 0.00	27.08 1.96 0.00	29.57 2.44 0.00	33.94 2.69 0.00	36.14 3.07 0.00	37.65 3.45 0.00	41.28 3.65 0.00	44.68 3.88 0.00	49.30 4.03 0.00	55.80 4.79 0.00	61.45 4.97 0.00	67.81 5.25 0.00	88.18 7.57 -1.72	107.81 8.73 -0.97	101.09 7.80 -0.42	80.00 5.37 0.00	67.74 4.36 -1.10	52.78 3.36 0.00	42.88 2.99 0.00	37.27 2.86 0.00
KIAC_JFK_GT2 23817	32.80 2.74 0.00	29.09 2.23 0.00	27.94 2.00 0.00	26.35 1.86 0.00	26.35 1.84 0.00	27.08 1.96 0.00	29.57 2.44 0.00	33.94 2.69 0.00	36.14 3.07 0.00	37.65 3.45 0.00	41.28 3.65 0.00	44.68 3.88 0.00	49.30 4.03 0.00	55.80 4.79 0.00	61.45 4.97 0.00	67.81 5.25 0.00	88.18 7.57 -1.72	107.81 8.73 -0.97	101.09 7.80 -0.42	80.00 5.37 0.00	67.74 4.36 -1.10	52.78 3.36 0.00	42.88 2.99 0.00	37.27 2.86 0.00
KIAC_JFK____ 323774	32.83 2.76 0.00	29.09 2.23 0.00	27.97 2.02 0.00	26.34 1.86 0.00	26.35 1.84 0.00	27.08 1.96 0.00	29.57 2.44 0.00	33.95 2.69 0.00	36.14 3.08 0.00	37.54 3.35 0.00	41.24 3.61 0.00	44.68 3.88 0.00	49.29 4.03 0.00	55.80 4.79 0.00	61.45 4.97 0.00	67.82 5.26 0.00	88.18 7.57 -1.72	107.81 8.73 -0.97	101.09 7.80 -0.42	80.07 5.44 0.00	67.67 4.29 -1.10	52.78 3.36 0.00	42.84 2.95 0.00	37.03 2.61 0.00
KINTIGH____ 23543	29.50 -0.57 0.00	26.38 -0.48 0.00	25.30 -0.65 0.00	23.80 -0.69 0.00	23.77 -0.74 0.00	24.72 -0.40 0.00	26.59 -0.54 0.00	30.29 -0.97 0.00	31.74 -1.32 0.00	33.23 -0.96 0.00	36.99 -0.64 0.00	40.11 -0.69 0.00	45.04 -0.23 0.00	50.55 -0.46 0.00	56.03 -0.45 0.00	62.12 -0.44 0.00	76.60 -2.29 0.00	96.15 -1.96 0.00	91.48 -1.39 0.00	75.44 0.82 0.00	62.90 0.62 0.00	49.52 0.10 0.00	39.81 -0.08 0.00	33.80 -0.62 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.80 -0.27 0.00	26.62 -0.24 0.00	25.79 -0.16 0.00	24.31 -0.17 0.00	24.39 -0.12 0.00	25.02 -0.10 0.00	27.10 -0.03 0.00	31.44 0.19 0.00	33.33 0.26 0.00	34.19 0.00 0.00	37.74 0.11 0.00	40.92 0.12 0.00	44.27 -1.00 0.00	48.86 -2.14 0.00	54.11 -2.37 0.00	59.37 -3.19 0.00	59.29 -3.87 15.73	93.30 -4.81 0.01	88.50 -4.37 0.01	71.64 -2.98 0.00	60.10 -2.18 0.00	48.09 -1.33 0.00	39.73 -0.16 0.00	34.14 -0.28 0.00
LACHUTE__HYDRO 323717	33.64 3.58 0.00	30.14 3.28 0.00	28.93 2.98 0.00	27.15 2.67 0.00	27.21 2.70 0.00	27.96 2.84 0.00	30.30 3.17 0.00	34.73 3.47 0.00	36.64 3.57 0.00	38.09 3.90 0.00	41.73 4.10 0.00	45.41 4.61 0.00	50.83 5.57 0.00	57.07 6.07 0.00	63.37 6.89 0.00	71.01 8.44 -0.01	97.14 10.73 -7.52	116.78 14.43 -4.24	112.46 15.32 -4.26	87.31 12.69 0.00	85.95 11.34 -12.33	58.07 8.65 0.00	45.83 5.94 0.00	39.17 4.75 0.00
LAWRNCV_115KV_TB1 80681	28.78 -1.29 0.00	25.71 -1.16 0.00	24.88 -1.06 0.00	23.46 -1.03 0.00	23.51 -1.00 0.00	24.07 -1.06 0.00	26.02 -1.11 0.00	30.27 -1.16 -0.17	32.09 -1.19 -0.21	32.86 -1.57 -0.24	36.34 -1.62 -0.32	39.50 -1.71 -0.41	43.55 -2.17 -0.45	48.86 -2.70 -0.55	54.29 -2.88 -0.69	59.86 -3.57 -0.87	62.31 -4.65 11.92	93.83 -5.79 -1.51	88.86 -5.48 -1.46	71.61 -4.10 -1.09	59.96 -3.18 -0.86	47.39 -2.52 -0.49	38.29 -1.87 -0.28	32.88 -1.72 -0.19
LEDERLE____ 23769	32.41 2.35 0.00	28.93 2.07 0.00	27.76 1.82 0.00	26.17 1.69 0.00	26.20 1.69 0.00	26.88 1.76 0.00	29.22 2.09 0.00	33.51 2.25 0.00	35.58 2.51 0.00	37.10 2.91 0.00	40.60 2.97 0.00	43.94 3.14 0.00	48.80 3.53 0.00	55.19 4.18 0.00	60.94 4.46 0.00	67.44 4.88 0.00	87.20 6.78 -1.53	107.02 8.05 -0.86	99.93 7.06 0.00	79.55 4.93 0.00	67.31 3.99 -1.04	52.53 3.11 0.00	42.52 2.63 0.00	37.03 2.62 0.00
LIGHTHSE_115KV_TB6 355974	30.99 -0.21 -1.13	27.00 -0.21 -0.35	25.79 -0.29 -0.13	24.22 -0.27 0.00	24.24 -0.27 0.00	24.92 -0.20 0.00	27.49 -0.19 -0.55	32.41 -0.31 -1.46	34.48 -0.43 -1.85	35.87 -0.41 -2.09	40.00 -0.45 -2.82	43.92 -0.45 -3.57	48.88 -0.32 -3.93	55.56 -0.26 -4.81	62.29 -0.23 -6.03	69.75 -0.38 -7.57	87.45 -0.71 -9.27	110.91 -0.39 -13.19	105.67 0.00 -12.80	84.52 0.45 -9.45	70.27 0.50 -7.49	54.10 0.44 -4.23	42.39 0.08 -2.43	35.87 -0.17 -1.63
LINDEN COGEN____ 23786	32.68 2.61 0.00	29.01 2.15 0.00	27.79 1.84 0.00	26.17 1.69 0.00	26.20 1.69 0.00	26.88 1.76 0.00	29.33 2.20 0.00	33.79 2.53 0.00	35.91 2.84 0.00	36.99 3.04 0.24	39.26 3.27 1.64	39.47 3.51 4.84	39.98 3.62 8.91	39.93 4.29 15.36	40.43 4.41 20.46	41.98 4.63 25.21	61.51 6.63 24.01	78.87 7.56 26.80	72.09 6.50 27.28	51.20 4.48 27.90	41.58 3.49 24.19	39.30 2.87 12.98	38.36 2.67 4.20	36.86 2.44 0.00
LINDHRST_69_KV_BK1 356055	37.69 3.40 -4.23	36.25 2.93 -6.46	35.23 2.62 -6.67	32.01 2.45 -5.07	31.58 2.45 -4.62	33.58 2.54 -5.92	33.86 2.93 -3.79	36.05 3.31 -1.48	37.55 3.70 -0.79	39.01 4.14 -0.69	43.12 4.40 -1.08	52.43 4.77 -6.86	58.69 5.12 -8.31	68.58 6.02 -11.56	75.15 6.50 -12.18	88.49 7.13 -18.80	108.75 9.70 -20.16	121.15 11.38 -11.65	121.29 10.49 -17.92	87.58 7.54 -5.42	74.93 6.04 -6.61	57.28 4.89 -2.97	45.84 4.03 -1.92	40.72 3.82 -2.48
LIPA_MISC_IPP 23656	37.48 3.19 -4.23	36.01 2.69 -6.46	35.03 2.41 -6.67	31.84 2.28 -5.07	31.41 2.28 -4.62	33.43 2.39 -5.92	33.72 2.79 -3.79	35.93 3.19 -1.48	37.46 3.60 -0.79	38.91 4.03 -0.69	43.05 4.33 -1.09	77.03 4.73 -31.49	90.12 5.07 -39.78	135.45 6.02 -78.43	147.07 6.44 -84.15	168.95 7.13 -99.26	235.08 9.47 -146.72	230.19 11.18 -120.89	300.21 10.49 -196.85	142.99 7.54 -60.83	131.27 6.04 -62.95	59.12 4.84 -4.86	45.60 3.79 -1.92	40.51 3.61 -2.48
LISF__SOLAR 323691	37.60 3.31 -4.23	36.09 2.77 -6.46	35.10 2.49 -6.67	31.89 2.33 -5.07	31.48 2.35 -4.62	33.48 2.44 -5.92	33.80 2.87 -3.79	36.02 3.28 -1.48	37.55 3.70 -0.79	38.67 3.79 -0.69	43.13 4.40 -1.09	77.58 4.89 -31.88	90.84 5.29 -40.28	136.71 6.22 -79.48	148.43 6.66 -85.29	170.41 7.32 -100.54	237.55 9.94 -148.72	232.30 11.57 -122.62	303.41 10.86 -199.68	144.32 7.99 -61.70	132.40 6.29 -63.84	59.35 5.04 -4.89	45.76 3.95 -1.92	40.44 3.55 -2.48

LITTLE FALLS___HYD 24013	30.76 0.69 0.00	27.51 0.64 0.00	26.57 0.62 0.00	25.05 0.56 0.00	25.10 0.59 0.00	25.72 0.60 0.00	27.81 0.68 0.00	31.91 0.66 0.00	33.72 0.66 0.00	34.94 0.75 0.00	38.38 0.75 0.00	41.57 0.78 0.00	46.26 1.00 0.00	52.18 1.17 0.00	57.84 1.36 0.00	64.12 1.56 0.00	81.67 1.97 -0.81	100.76 2.65 0.00	95.38 2.51 0.00	76.56 1.94 0.00	63.96 1.68 0.00	50.70 1.28 0.00	40.92 1.04 0.00	35.28 0.86 0.00
LITTLRIV_115KV_TB1 356100	29.18 -1.02 -0.14	26.02 -0.89 -0.04	25.13 -0.83 -0.02	23.68 -0.81 0.00	23.75 -0.76 0.00	24.34 -0.78 0.00	26.38 -0.81 -0.07	30.56 -0.88 -0.18	32.40 -0.89 -0.23	33.19 -1.27 -0.26	36.66 -1.32 -0.35	39.85 -1.39 -0.44	44.03 -1.72 -0.49	49.41 -2.19 -0.59	54.97 -2.26 -0.75	60.55 -2.94 -0.93	63.40 -3.94 11.54	95.03 -4.71 -1.62	90.08 -4.37 -1.57	72.66 -3.13 -1.17	60.96 -2.24 -0.93	48.11 -1.83 -0.52	38.79 -1.40 -0.30	33.24 -1.38 -0.20
LI_NEWBRDGE___DRP 323616	37.06 2.77 -4.23	35.71 2.39 -6.46	34.74 2.13 -6.67	31.54 1.98 -5.07	31.11 1.99 -4.62	33.10 2.06 -5.92	33.37 2.44 -3.79	35.49 2.75 -1.48	36.93 3.07 -0.79	38.33 3.45 -0.69	42.27 3.58 -1.06	49.08 3.84 -4.45	54.61 4.12 -5.23	60.87 4.85 -5.02	66.76 5.14 -5.13	79.06 5.57 -10.93	94.32 7.65 -7.78	108.01 8.93 -0.97	101.28 7.99 -0.42	80.22 5.60 0.00	67.92 4.55 -1.10	55.91 3.71 -2.79	44.96 3.15 -1.92	39.95 3.06 -2.47
LOCKPORT_115KV_TB60_63_64 80432	29.71 -0.36 0.00	26.51 -0.35 0.00	25.40 -0.54 0.00	23.90 -0.59 0.00	23.85 -0.66 0.00	24.87 -0.25 0.00	26.75 -0.38 0.00	30.41 -0.84 0.00	31.71 -1.36 0.00	33.20 -0.99 0.00	36.92 -0.72 0.00	40.07 -0.73 0.00	45.09 -0.18 0.00	50.55 -0.46 0.00	55.97 -0.51 0.00	62.18 -0.38 0.00	76.28 -2.60 0.00	95.86 -2.26 0.00	91.39 -1.49 0.00	75.82 1.19 0.00	63.21 0.93 0.00	49.67 0.25 0.00	39.89 0.00 0.00	33.80 -0.62 0.00
LOCKPORT___CC1 323769	29.74 -0.33 0.00	26.51 -0.35 0.00	25.61 -0.34 0.00	23.87 -0.61 0.00	23.85 -0.66 0.00	24.85 -0.28 0.00	26.75 -0.38 0.00	30.38 -0.88 0.00	31.64 -1.42 0.00	33.88 -0.31 0.00	36.92 -0.72 0.00	39.90 -0.90 0.00	44.90 -0.36 0.00	50.40 -0.61 0.00	55.75 -0.74 0.00	62.06 -0.50 0.00	75.97 -2.92 0.00	95.37 -2.75 0.00	90.83 -2.04 0.00	75.29 0.67 0.00	62.90 0.62 0.00	49.52 0.10 0.00	39.73 -0.16 0.00	35.24 0.82 0.00
LOCKPORT___CC2 323770	29.74 -0.33 0.00	26.51 -0.35 0.00	25.61 -0.34 0.00	23.87 -0.61 0.00	23.85 -0.66 0.00	24.85 -0.28 0.00	26.75 -0.38 0.00	30.38 -0.88 0.00	31.64 -1.42 0.00	33.88 -0.31 0.00	36.92 -0.72 0.00	39.90 -0.90 0.00	44.90 -0.36 0.00	50.40 -0.61 0.00	55.75 -0.74 0.00	62.06 -0.50 0.00	75.97 -2.92 0.00	95.37 -2.75 0.00	90.83 -2.04 0.00	75.29 0.67 0.00	62.90 0.62 0.00	49.52 0.10 0.00	39.73 -0.16 0.00	35.24 0.82 0.00
LOCKPORT___CC3 323771	29.74 -0.33 0.00	26.51 -0.35 0.00	25.61 -0.34 0.00	23.87 -0.61 0.00	23.85 -0.66 0.00	24.85 -0.28 0.00	26.75 -0.38 0.00	30.38 -0.88 0.00	31.64 -1.42 0.00	33.88 -0.31 0.00	36.92 -0.72 0.00	39.90 -0.90 0.00	44.90 -0.36 0.00	50.40 -0.61 0.00	55.75 -0.74 0.00	62.06 -0.50 0.00	75.97 -2.92 0.00	95.37 -2.75 0.00	90.83 -2.04 0.00	75.29 0.67 0.00	62.90 0.62 0.00	49.52 0.10 0.00	39.73 -0.16 0.00	35.24 0.82 0.00
LONG_LAKE_PHOENIX 24014	31.27 -0.39 -1.59	26.99 -0.38 -0.50	25.71 -0.42 -0.18	24.09 -0.39 0.00	24.12 -0.39 0.00	24.74 -0.38 0.00	27.52 -0.38 -0.77	32.86 -0.47 -2.07	35.12 -0.56 -2.61	36.67 -0.48 -2.96	41.10 -0.53 -3.99	45.28 -0.57 -5.05	50.37 -0.45 -5.56	57.39 -0.41 -6.80	64.62 -0.40 -8.53	72.89 -0.38 -10.71	92.91 -0.71 -14.73	116.17 -0.59 -18.65	110.51 -0.46 -18.10	87.91 -0.07 -13.36	72.81 -0.06 -10.60	55.31 -0.10 -5.99	43.08 -0.24 -3.43	36.34 -0.38 -2.30
LOVETT___3 23632	32.20 2.13 0.00	28.74 1.88 0.00	27.60 1.66 0.00	26.03 1.54 0.00	26.05 1.54 0.00	26.73 1.61 0.00	29.03 1.90 0.00	33.32 2.06 0.00	35.38 2.31 0.00	36.82 2.63 0.00	40.30 2.67 0.00	43.61 2.82 0.00	48.34 3.08 0.00	54.68 3.67 0.00	60.32 3.84 0.00	66.75 4.19 0.00	86.27 5.84 -1.55	105.85 6.87 -0.87	98.82 5.94 0.00	78.65 4.03 0.00	66.57 3.24 -1.05	52.04 2.62 0.00	42.16 2.27 0.00	36.76 2.34 0.00
LOVETT___4 23642	32.20 2.13 0.00	28.74 1.88 0.00	27.60 1.66 0.00	26.03 1.54 0.00	26.05 1.54 0.00	26.73 1.61 0.00	29.03 1.90 0.00	33.32 2.06 0.00	35.38 2.31 0.00	36.82 2.63 0.00	40.30 2.67 0.00	43.61 2.82 0.00	48.34 3.08 0.00	54.68 3.67 0.00	60.32 3.84 0.00	66.75 4.19 0.00	86.27 5.84 -1.55	105.85 6.87 -0.87	98.82 5.94 0.00	78.65 4.03 0.00	66.57 3.24 -1.05	52.04 2.62 0.00	42.16 2.27 0.00	36.76 2.34 0.00
LOVETT___5 23593	32.20 2.13 0.00	28.74 1.88 0.00	27.60 1.66 0.00	26.03 1.54 0.00	26.05 1.54 0.00	26.73 1.61 0.00	29.03 1.90 0.00	33.32 2.06 0.00	35.38 2.31 0.00	36.82 2.63 0.00	40.30 2.67 0.00	43.61 2.82 0.00	48.34 3.08 0.00	54.68 3.67 0.00	60.32 3.84 0.00	66.75 4.19 0.00	86.27 5.84 -1.55	105.85 6.87 -0.87	98.82 5.94 0.00	78.65 4.03 0.00	66.57 3.24 -1.05	52.04 2.62 0.00	42.16 2.27 0.00	36.76 2.34 0.00
LOWER RAQUET___HYD 24057	28.77 -1.44 -0.15	25.67 -1.24 -0.05	24.79 -1.17 -0.02	23.38 -1.10 0.00	23.43 -1.08 0.00	24.02 -1.10 0.00	26.01 -1.19 -0.07	30.17 -1.28 -0.19	31.98 -1.32 -0.24	32.76 -1.71 -0.27	36.27 -1.73 -0.37	39.43 -1.84 -0.47	43.48 -2.31 -0.52	48.78 -2.86 -0.63	54.22 -3.05 -0.79	59.74 -3.82 -1.00	62.65 -5.05 11.19	93.66 -6.18 -1.73	88.70 -5.85 -1.68	71.46 -4.40 -1.24	59.90 -3.36 -0.99	47.31 -2.67 -0.56	38.21 -1.99 -0.32	32.70 -1.93 -0.21
LOWER___HUDSON 24059	31.42 1.35 0.00	28.13 1.26 0.00	27.16 1.22 0.00	25.64 1.15 0.00	25.66 1.15 0.00	26.28 1.16 0.00	28.35 1.22 0.00	32.47 1.22 0.00	34.35 1.29 0.00	35.59 1.40 0.00	39.14 1.51 0.00	42.51 1.71 0.00	47.21 1.95 0.00	53.30 2.30 0.00	59.03 2.54 0.00	65.64 3.06 -0.01	96.20 4.10 -13.22	110.56 5.00 -7.45	104.97 4.92 -7.18	78.35 3.73 0.00	75.84 3.24 -10.32	51.94 2.52 0.00	41.76 1.88 0.00	35.86 1.45 0.00
LOWVILLE_115KV_TB2 356335	30.65 0.24 -0.34	27.18 0.21 -0.11	26.11 0.13 -0.04	24.58 0.10 0.00	24.66 0.15 0.00	25.32 0.20 0.00	27.59 0.30 -0.16	31.84 0.16 -0.43	33.67 0.07 -0.54	34.88 0.07 -0.62	38.50 0.04 -0.83	41.89 0.04 -1.05	46.65 0.23 -1.16	52.73 0.31 -1.42	58.77 0.51 -1.78	65.41 0.63 -2.23	79.60 0.71 0.00	103.57 1.57 -3.88	98.68 2.04 -3.77	79.35 1.94 -2.78	66.42 1.93 -2.21	52.05 1.38 -1.25	41.36 0.76 -0.71	35.27 0.38 -0.48
LUTHERFT_115KV_GLOB_FND_222 355753	31.87 1.80 0.00	28.53 1.67 0.00	27.50 1.56 0.00	25.91 1.42 0.00	25.93 1.42 0.00	26.58 1.46 0.00	28.70 1.57 0.00	32.88 1.63 0.00	34.78 1.72 0.00	36.11 1.91 0.00	39.63 1.99 0.00	43.04 2.24 0.00	47.94 2.67 0.00	54.02 3.01 0.00	59.87 3.39 0.00	66.69 4.13 0.00	92.15 5.29 -7.97	109.38 6.77 -4.49	104.43 7.06 -4.50	80.22 5.60 0.00	79.38 4.92 -12.18	53.22 3.81 0.00	42.60 2.71 0.00	36.76 2.34 0.00

LUTHERNY_35_KV_BK2 355980	31.90 1.83 0.00	28.56 1.69 0.00	27.53 1.58 0.00	25.93 1.44 0.00	25.96 1.45 0.00	26.60 1.48 0.00	28.73 1.60 0.00	32.91 1.66 0.00	34.82 1.75 0.00	36.14 1.95 0.00	39.66 2.03 0.00	43.08 2.28 0.00	47.98 2.72 0.00	54.07 3.06 0.00	59.93 3.45 0.00	66.75 4.19 0.00	92.23 5.36 -7.97	109.47 6.87 -4.49	104.52 7.15 -4.50	80.30 5.67 0.00	79.44 4.98 -12.18	53.32 3.90 0.00	42.64 2.75 0.00	36.76 2.34 0.00
LWR___OSWEGATCHIE_HYD 23850	29.58 -0.78 -0.29	26.26 -0.70 -0.09	25.28 -0.70 -0.03	23.80 -0.69 0.00	23.85 -0.66 0.00	24.47 -0.65 0.00	26.62 -0.65 -0.14	30.85 -0.78 -0.38	32.68 -0.86 -0.47	33.63 -1.09 -0.54	37.19 -1.17 -0.72	40.49 -1.22 -0.92	44.87 -1.40 -1.01	50.56 -1.68 -1.23	56.34 -1.69 -1.55	62.44 -2.06 -1.94	70.47 -2.76 5.65	98.45 -3.04 -3.38	93.65 -2.51 -3.28	75.33 -1.72 -2.43	63.08 -1.12 -1.92	49.57 -0.94 -1.09	39.63 -0.88 -0.62	33.87 -0.96 -0.42
LYONS_FALL_HYD 23570	30.83 0.51 -0.25	27.40 0.46 -0.08	26.34 0.36 -0.03	24.80 0.32 0.00	24.88 0.37 0.00	25.55 0.43 0.00	27.77 0.51 -0.12	32.00 0.44 -0.31	33.82 0.36 -0.39	35.08 0.44 -0.44	38.68 0.45 -0.60	42.05 0.49 -0.76	46.82 0.72 -0.83	52.89 0.87 -1.02	58.95 1.19 -1.28	65.60 1.44 -1.60	81.04 1.66 -0.49	103.65 2.74 -2.79	98.55 2.97 -2.71	79.16 2.54 -2.00	66.23 2.37 -1.59	52.05 1.73 -0.90	41.48 1.08 -0.51	35.52 0.76 -0.35
MADISON___COUNTY_LFGE 323628	31.32 0.99 -0.26	27.83 0.89 -0.08	26.75 0.78 -0.03	25.20 0.71 0.00	25.25 0.74 0.00	25.93 0.80 0.00	28.18 0.92 -0.13	32.47 0.91 -0.31	34.31 0.86 -0.39	35.65 1.03 -0.44	39.35 1.13 -0.59	42.77 1.22 -0.75	47.72 1.63 -0.82	53.95 1.94 -1.00	60.11 2.37 -1.26	66.89 2.75 -1.58	84.46 3.39 -2.18	105.67 4.81 -2.75	100.38 4.83 -2.67	80.63 4.03 -1.97	67.39 3.55 -1.57	52.87 2.57 -0.88	42.19 1.79 -0.51	36.10 1.34 -0.34
MALONE___115KV_TB1 356076	29.44 -0.63 0.00	26.30 -0.56 0.00	25.48 -0.47 0.00	24.02 -0.47 0.00	24.07 -0.44 0.00	24.69 -0.43 0.00	26.75 -0.38 0.00	31.01 -0.25 0.00	32.90 -0.17 0.00	33.75 -0.44 0.00	37.22 -0.41 0.00	40.39 -0.41 0.00	44.18 -1.09 0.00	49.22 -1.79 0.00	54.56 -1.92 0.00	59.81 -2.75 0.00	60.74 -3.39 14.76	93.89 -4.22 0.01	88.97 -3.90 0.01	72.01 -2.61 0.00	60.41 -1.87 0.00	48.04 -1.38 0.00	39.17 -0.72 0.00	33.62 -0.79 0.00
MAPLEWOD_115KV_TB3 80458	31.27 1.20 0.00	27.97 1.10 0.00	27.03 1.09 0.00	25.54 1.05 0.00	25.56 1.05 0.00	26.18 1.06 0.00	28.19 1.06 0.00	32.32 1.06 0.00	34.19 1.12 0.00	35.49 1.30 0.00	38.99 1.35 0.00	42.31 1.51 0.00	46.85 1.58 0.00	52.89 1.89 0.00	58.63 2.15 0.00	65.12 2.56 0.00	96.78 3.55 -14.34	110.41 4.22 -8.08	104.85 4.18 -7.79	77.68 3.06 0.00	73.16 2.68 -8.21	51.54 2.13 0.00	41.56 1.68 0.00	35.93 1.51 0.00
MAPLE_RIDGE_WT_1 323574	29.83 -0.24 0.00	26.65 -0.22 0.00	25.76 -0.18 0.00	24.31 -0.17 0.00	24.34 -0.17 0.00	24.95 -0.17 0.00	26.94 -0.19 0.00	30.82 -0.44 0.00	32.63 -0.43 0.00	33.58 -0.61 0.00	37.03 -0.60 0.00	40.15 -0.65 0.00	44.14 -1.13 0.00	49.53 -1.48 0.00	54.79 -1.69 0.00	60.55 -2.00 0.00	51.82 -2.45 24.62	95.16 -2.94 0.01	90.08 -2.78 0.01	72.46 -2.17 0.00	60.53 -1.74 0.00	48.09 -1.33 0.00	39.09 -0.80 0.00	33.63 -0.79 0.00
MAPLE_RIDGE_WT_2 323611	29.83 -0.24 0.00	26.65 -0.22 0.00	25.76 -0.18 0.00	24.31 -0.17 0.00	24.34 -0.17 0.00	24.95 -0.17 0.00	26.94 -0.19 0.00	30.82 -0.44 0.00	32.63 -0.43 0.00	33.58 -0.61 0.00	37.03 -0.60 0.00	40.15 -0.65 0.00	44.14 -1.13 0.00	49.53 -1.48 0.00	54.79 -1.69 0.00	60.55 -2.00 0.00	51.82 -2.45 24.62	95.16 -2.94 0.01	90.08 -2.78 0.01	72.46 -2.17 0.00	60.53 -1.74 0.00	48.09 -1.33 0.00	39.09 -0.80 0.00	33.63 -0.79 0.00
MARBLE_RIVER_WT_PWR 323696	29.44 -0.63 0.00	26.33 -0.54 0.00	25.50 -0.44 0.00	24.04 -0.44 0.00	24.12 -0.39 0.00	24.75 -0.38 0.00	26.78 -0.35 0.00	31.04 -0.22 0.00	32.93 -0.13 0.00	33.78 -0.41 0.00	37.26 -0.38 0.00	40.43 -0.37 0.00	44.00 -1.27 0.00	48.81 -2.19 0.00	54.11 -2.37 0.00	59.49 -3.06 0.00	59.29 -3.79 15.81	93.40 -4.71 0.01	88.50 -4.36 0.01	71.49 -3.13 0.00	59.85 -2.43 0.00	47.74 -1.68 0.00	39.25 -0.64 0.00	33.69 -0.72 0.00
MARSHVLE_115KV_TB1 80742	32.59 2.53 0.00	29.20 2.34 0.00	28.10 2.15 0.00	26.44 1.96 0.00	26.52 2.01 0.00	27.23 2.11 0.00	29.33 2.20 0.00	33.13 1.88 0.00	34.82 1.75 0.00	36.00 1.81 0.00	39.63 1.99 0.00	42.96 2.16 0.00	48.12 2.85 0.00	54.27 3.26 0.00	60.21 3.73 0.00	67.13 4.57 0.00	87.87 5.36 -3.62	108.39 8.24 -2.04	105.26 10.22 -2.17	83.43 8.81 0.00	81.04 7.78 -10.98	55.25 5.83 0.00	44.15 4.27 0.00	37.82 3.41 0.00
MARSH_HILL_WT_PWR 323713	31.12 0.87 -0.18	27.65 0.73 -0.06	26.61 0.65 -0.02	24.93 0.44 0.00	24.90 0.39 0.00	25.82 0.70 0.00	27.98 0.76 -0.09	32.12 0.66 -0.21	33.66 0.33 -0.27	35.82 1.33 -0.30	39.13 1.09 -0.41	42.41 1.10 -0.51	47.69 1.86 -0.57	53.64 1.94 -0.69	59.67 2.32 -0.87	66.53 2.88 -1.09	82.59 2.21 -1.50	103.54 3.53 -1.90	98.70 3.99 -1.84	80.76 4.78 -1.36	67.28 3.93 -1.08	52.99 2.96 -0.61	42.23 1.99 -0.35	36.82 2.17 -0.23
MCINTYRE_115KV_TB2 80467	29.32 -0.75 0.00	26.22 -0.64 0.00	25.35 -0.60 0.00	23.90 -0.59 0.00	23.95 -0.56 0.00	24.54 -0.58 0.00	26.56 -0.57 0.00	30.63 -0.63 0.00	32.40 -0.66 0.00	33.13 -1.06 0.00	36.54 -1.09 0.00	39.66 -1.14 0.00	43.82 -1.45 0.00	49.12 -1.89 0.00	54.56 -1.92 0.00	59.99 -2.56 0.00	62.23 -3.39 13.26	94.08 -4.02 0.01	89.34 -3.53 0.01	72.24 -2.39 0.00	60.72 -1.56 0.00	48.13 -1.28 0.00	38.85 -1.04 0.00	33.35 -1.07 0.00
MECO_____69_KV_BK1 80468	33.95 3.88 0.00	30.46 3.60 0.00	29.21 3.27 0.00	27.42 2.94 0.00	27.50 2.99 0.00	28.31 3.19 0.00	30.66 3.53 0.00	34.88 3.63 0.00	36.60 3.54 0.00	37.88 3.69 0.00	41.70 4.06 0.00	45.29 4.49 0.00	50.88 5.61 0.00	57.23 6.22 0.00	63.65 7.17 0.00	71.44 8.88 0.00	94.10 11.36 -3.85	116.37 16.09 -2.17	112.37 17.18 -2.31	88.73 14.10 0.00	86.10 12.14 -11.67	58.61 9.19 0.00	46.39 6.50 0.00	39.61 5.20 0.00
MENANDS___115KV_TB5 355628	31.06 0.99 0.00	27.80 0.94 0.00	26.90 0.96 0.00	25.42 0.93 0.00	25.44 0.93 0.00	26.03 0.90 0.00	28.03 0.90 0.00	32.13 0.88 0.00	33.99 0.93 0.00	35.29 1.09 0.00	38.76 1.13 0.00	42.06 1.26 0.00	46.53 1.27 0.00	52.54 1.53 0.00	58.18 1.69 0.00	64.62 2.06 0.00	94.04 2.92 -12.23	108.34 3.34 -6.89	102.92 3.25 -6.80	76.94 2.31 0.00	72.14 1.99 -7.87	51.05 1.63 0.00	41.20 1.32 0.00	35.65 1.24 0.00
MG INDUSTRY___DRP 24185	31.12 1.05 0.00	27.86 0.99 0.00	26.98 1.04 0.00	25.46 0.98 0.00	25.49 0.98 0.00	26.08 0.95 0.00	28.05 0.92 0.00	32.13 0.88 0.00	33.86 0.79 0.00	35.08 0.89 0.00	38.46 0.83 0.00	41.70 0.90 0.00	45.09 -0.18 0.00	50.90 -0.10 0.00	56.37 -0.11 0.00	62.62 0.06 0.00	63.03 0.47 16.33	89.40 0.49 9.20	86.38 0.74 7.24	75.00 0.37 0.00	67.66 0.56 -4.83	49.91 0.49 0.00	41.28 1.40 0.00	35.69 1.27 0.00

MID___OSWEGATCHIE_HYD 23849	29.58 -0.78 -0.29	26.26 -0.70 -0.09	25.28 -0.70 -0.03	23.80 -0.69 0.00	23.85 -0.66 0.00	24.47 -0.65 0.00	26.62 -0.65 -0.14	30.85 -0.78 -0.38	32.68 -0.86 -0.47	33.63 -1.09 -0.54	37.19 -1.17 -0.72	40.49 -1.22 -0.92	44.87 -1.40 -1.01	50.56 -1.68 -1.23	56.34 -1.69 -1.55	62.44 -2.06 -1.94	70.47 -2.76 5.65	98.45 -3.04 -3.38	93.65 -2.51 -3.28	75.33 -1.72 -2.43	63.08 -1.12 -1.92	49.57 -0.94 -1.09	39.63 -0.88 -0.62	33.87 -0.96 -0.42
MID___RAQUETTE_HYD 23851	28.83 -1.38 -0.15	25.67 -1.24 -0.05	24.82 -1.14 -0.02	23.38 -1.10 0.00	23.43 -1.08 0.00	23.99 -1.13 0.00	26.01 -1.19 -0.07	30.17 -1.28 -0.19	31.98 -1.32 -0.24	32.79 -1.68 -0.27	36.27 -1.73 -0.37	39.39 -1.88 -0.47	43.47 -2.31 -0.52	48.78 -2.86 -0.63	54.23 -3.05 -0.79	59.74 -3.82 -1.00	62.65 -5.05 11.19	93.66 -6.18 -1.73	88.70 -5.85 -1.68	71.46 -4.40 -1.24	59.90 -3.36 -0.99	47.31 -2.67 -0.56	38.21 -1.99 -0.32	32.81 -1.82 -0.21
MILLIKEN___1 23584	31.45 0.84 -0.54	27.76 0.73 -0.17	26.60 0.60 -0.06	25.05 0.56 0.00	25.05 0.54 0.00	25.77 0.65 0.00	28.15 0.76 -0.26	32.75 0.84 -0.65	34.61 0.73 -0.82	36.04 0.92 -0.92	39.86 0.98 -1.25	43.44 1.06 -1.57	48.49 1.49 -1.73	54.91 1.79 -2.12	61.23 2.09 -2.66	68.34 2.44 -3.34	86.32 2.84 -4.59	108.05 4.12 -5.82	102.79 4.27 -5.64	82.89 4.10 -4.17	69.31 3.43 -3.60	53.81 2.52 -1.87	42.71 1.76 -1.07	36.37 1.24 -0.72
MILLIKEN___2 23585	31.45 0.84 -0.54	27.76 0.73 -0.17	26.60 0.60 -0.06	25.05 0.56 0.00	25.05 0.54 0.00	25.77 0.65 0.00	28.15 0.76 -0.26	32.75 0.84 -0.65	34.61 0.73 -0.82	36.04 0.92 -0.92	39.86 0.98 -1.25	43.44 1.06 -1.57	48.49 1.49 -1.73	54.91 1.79 -2.12	61.23 2.09 -2.66	68.34 2.44 -3.34	86.32 2.84 -4.59	108.05 4.12 -5.82	102.79 4.27 -5.64	82.89 4.10 -4.17	69.31 3.43 -3.60	53.81 2.52 -1.87	42.71 1.76 -1.07	36.37 1.24 -0.72
MILLIKEN___DIESEL 23629	31.45 0.84 -0.54	27.76 0.73 -0.17	26.60 0.60 -0.06	25.05 0.56 0.00	25.05 0.54 0.00	25.77 0.65 0.00	28.15 0.76 -0.26	32.75 0.84 -0.65	34.61 0.73 -0.82	36.04 0.92 -0.92	39.86 0.98 -1.25	43.44 1.06 -1.57	48.49 1.49 -1.73	54.91 1.79 -2.12	61.23 2.09 -2.66	68.34 2.44 -3.34	86.32 2.84 -4.59	108.05 4.12 -5.82	102.79 4.27 -5.64	82.89 4.10 -4.17	69.31 3.43 -3.60	53.81 2.52 -1.87	42.71 1.76 -1.07	36.37 1.24 -0.72
MILLSEAT___LFGE 323607	30.25 0.18 0.00	26.94 0.08 0.00	26.00 0.05 0.00	24.24 -0.24 0.00	24.22 -0.29 0.00	25.25 0.13 0.00	27.19 0.05 0.00	31.01 -0.25 0.00	32.40 -0.66 0.00	34.57 0.38 0.00	37.75 0.11 0.00	40.84 0.72 0.00	45.99 0.71 0.00	51.72 0.79 0.00	57.27 1.19 0.00	63.74 1.19 0.00	78.34 -0.55 0.00	98.51 0.39 0.00	93.90 1.02 0.00	77.61 2.99 0.00	64.83 2.55 0.00	51.05 1.63 0.00	40.80 0.92 0.00	36.07 1.65 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.38 2.32 0.00	28.88 2.01 0.00	27.71 1.76 0.00	26.13 1.64 0.00	26.15 1.64 0.00	26.83 1.71 0.00	29.17 2.03 0.00	33.54 2.28 0.00	35.64 2.58 0.00	37.13 3.05 0.00	40.68 3.18 0.00	43.98 3.44 0.00	48.71 4.08 0.00	55.09 4.35 0.00	60.83 4.69 0.00	67.25 4.69 0.00	87.05 6.47 -1.70	106.72 7.65 -0.96	100.07 6.78 -0.41	79.33 4.70 0.00	67.17 3.80 -1.09	52.43 3.01 0.00	42.48 2.59 0.00	37.00 2.58 0.00
MILLWOOD_13_KV_LOAD 356217	32.50 2.44 0.00	28.96 2.10 0.00	27.79 1.84 0.00	26.20 1.71 0.00	26.23 1.72 0.00	26.91 1.78 0.00	29.27 2.14 0.00	33.69 2.44 0.00	35.81 2.74 0.00	37.34 3.15 0.00	40.91 3.27 0.00	44.31 3.51 0.00	49.02 3.76 0.00	55.44 4.44 0.00	61.17 4.69 0.00	67.75 5.19 0.00	87.68 7.10 -1.70	107.51 8.44 -0.96	100.81 7.52 -0.41	79.85 5.22 0.00	67.67 4.30 -1.09	52.78 3.36 0.00	42.72 2.83 0.00	37.20 2.79 0.00
MODEL_CITY_ENERGY 24167	29.44 -0.63 0.00	26.25 -0.62 0.00	25.35 -0.60 0.00	23.65 -0.83 0.00	23.60 -0.91 0.00	24.62 -0.50 0.00	26.48 -0.65 0.00	30.04 -1.22 0.00	31.38 -1.69 0.00	33.64 -0.55 0.00	36.73 -0.90 0.00	39.70 -1.10 0.00	44.63 -0.63 0.00	50.14 -0.87 0.00	55.47 -1.02 0.00	61.68 -0.88 0.00	75.65 -3.24 0.00	94.88 -3.24 0.00	90.37 -2.50 0.00	74.92 0.30 0.00	62.59 0.31 0.00	49.27 -0.15 0.00	39.49 -0.40 0.00	35.07 0.65 0.00
MODERN_LFGE___ 323580	29.44 -0.63 0.00	26.25 -0.62 0.00	25.35 -0.60 0.00	23.65 -0.83 0.00	23.60 -0.91 0.00	24.62 -0.50 0.00	26.48 -0.65 0.00	30.04 -1.22 0.00	31.38 -1.69 0.00	33.64 -0.55 0.00	36.73 -0.90 0.00	39.70 -1.10 0.00	44.63 -0.63 0.00	50.14 -0.87 0.00	55.47 -1.02 0.00	61.68 -0.88 0.00	75.65 -3.24 0.00	94.88 -3.24 0.00	90.37 -2.50 0.00	74.92 0.30 0.00	62.59 0.31 0.00	49.27 -0.15 0.00	39.49 -0.40 0.00	35.07 0.65 0.00
MOHAWK_PAPER___DRP 24187	31.27 1.20 0.00	27.97 1.10 0.00	27.03 1.09 0.00	25.54 1.05 0.00	25.56 1.05 0.00	26.18 1.06 0.00	28.19 1.06 0.00	32.32 1.06 0.00	34.19 1.12 0.00	35.49 1.30 0.00	38.99 1.35 0.00	42.31 1.51 0.00	46.85 1.58 0.00	52.89 1.89 0.00	58.63 2.15 0.00	65.12 2.56 0.00	96.78 3.55 -14.34	110.41 4.22 -8.08	104.85 4.18 -7.79	77.68 3.06 0.00	73.16 2.68 -8.21	51.54 2.13 0.00	41.56 1.68 0.00	35.93 1.51 0.00
MOHICAN___35_KV_115KV_LD 80490	32.02 1.95 0.00	28.66 1.80 0.00	27.60 1.66 0.00	25.98 1.49 0.00	26.01 1.50 0.00	26.68 1.56 0.00	28.84 1.71 0.00	33.04 1.78 0.00	34.95 1.88 0.00	36.31 2.12 0.00	39.70 2.07 0.00	43.13 2.33 0.00	48.16 2.90 0.00	54.07 3.06 0.00	59.98 3.50 0.00	66.94 4.38 0.00	92.28 5.68 -7.71	109.91 7.46 -4.34	105.50 8.27 -4.36	81.41 6.79 0.00	80.71 6.17 -12.27	54.11 4.69 0.00	43.08 3.19 0.00	37.07 2.65 0.00
MONGAUP___HYD 23641	32.20 2.14 0.00	28.69 1.83 0.00	27.58 1.64 0.00	26.00 1.52 0.00	26.01 1.50 0.00	26.68 1.56 0.00	28.89 1.76 0.00	32.91 1.66 0.00	34.95 1.88 0.00	36.28 2.09 0.00	39.85 2.22 0.00	43.08 2.28 0.00	48.03 2.76 0.00	54.22 3.22 0.00	59.81 3.33 0.00	65.94 3.38 0.00	85.24 5.05 -1.30	105.22 6.37 -0.73	99.00 6.13 0.00	79.10 4.48 0.00	66.86 3.61 -0.97	52.68 3.26 0.00	42.40 2.51 0.00	36.62 2.20 0.00
MONTAUK___DIESEL 23721	37.96 3.67 -4.23	36.36 3.04 -6.46	35.36 2.75 -6.67	32.18 2.62 -5.07	31.82 2.70 -4.62	33.98 2.94 -5.92	34.45 3.53 -3.79	36.86 4.13 -1.48	38.61 4.76 -0.79	40.42 5.54 -0.69	45.05 6.32 -1.09	79.68 7.22 -31.66	93.13 7.88 -39.99	139.16 9.28 -78.87	151.33 10.22 -84.63	173.80 11.45 -99.80	239.70 13.25 -147.56	235.52 15.80 -121.62	306.98 16.07 -198.03	147.68 11.87 -61.20	134.82 9.22 -63.32	61.71 7.41 -4.87	47.35 5.54 -1.92	41.99 5.09 -2.48
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.91 0.84 0.00	27.59 0.73 0.00	26.44 0.49 0.00	24.83 0.34 0.00	24.83 0.32 0.00	25.90 0.78 0.00	28.14 1.00 0.00	32.26 1.00 0.00	33.79 0.73 0.00	35.59 1.40 0.00	39.55 1.92 0.00	42.92 2.12 0.00	48.44 3.17 0.00	54.47 3.47 0.00	60.44 3.95 0.00	67.13 4.57 0.00	82.67 3.79 0.00	103.31 5.20 0.00	98.54 5.67 0.00	81.49 6.87 0.00	67.70 5.42 0.00	53.08 3.66 0.00	42.40 2.51 0.00	35.96 1.55 0.00

MORTIMER_115KV_TB3 55949	30.01 -0.06 0.00	26.78 -0.08 0.00	25.74 -0.21 0.00	24.22 -0.27 0.00	24.19 -0.32 0.00	25.05 -0.08 0.00	27.02 -0.11 0.00	30.98 -0.28 0.00	32.57 -0.50 0.00	33.99 -0.21 0.00	37.71 0.08 0.00	40.96 0.16 0.00	45.95 0.68 0.00	51.77 0.77 0.00	57.33 0.85 0.00	63.62 1.06 0.00	78.97 0.08 0.00	99.09 0.98 0.00	93.99 1.11 0.00	77.01 2.39 0.00	64.21 1.93 0.00	50.61 1.19 0.00	40.60 0.72 0.00	34.52 0.10 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.77 2.71 0.00	29.15 2.28 0.00	27.94 2.00 0.00	26.35 1.86 0.00	26.35 1.84 0.00	27.03 1.91 0.00	29.44 2.31 0.00	33.88 2.63 0.00	36.04 2.98 0.00	37.54 3.35 0.00	41.13 3.50 0.00	44.51 3.71 0.00	49.16 3.89 0.00	55.65 4.64 0.00	61.28 4.80 0.00	67.63 5.07 0.00	87.71 7.10 -1.72	107.22 8.14 -0.97	100.44 7.15 -0.42	79.55 4.93 0.00	67.43 4.05 -1.10	52.68 3.26 0.00	42.84 2.95 0.00	37.34 2.93 0.00
MUNSVILLE_WIND_PWR 323609	33.30 2.89 -0.34	29.55 2.58 -0.11	28.27 2.28 -0.04	26.57 2.08 0.00	26.64 2.13 0.00	27.46 2.34 0.00	29.96 2.66 -0.17	34.26 2.59 -0.41	36.00 2.41 -0.52	37.59 2.80 -0.59	41.33 2.90 -0.80	44.87 3.06 -1.01	50.36 3.98 -1.11	57.01 4.64 -1.36	63.84 5.65 -1.71	71.33 6.63 -2.14	90.12 8.28 -2.95	113.71 11.87 -3.73	108.48 11.99 -3.62	87.52 10.22 -2.67	73.96 8.84 -2.85	57.14 6.52 -1.20	45.16 4.59 -0.69	38.59 3.72 -0.46
N SALMON___HYD 24042	29.41 -0.66 0.00	26.30 -0.57 0.00	25.48 -0.47 0.00	24.02 -0.47 0.00	24.07 -0.44 0.00	24.69 -0.43 0.00	26.75 -0.38 0.00	31.01 -0.25 0.00	32.90 -0.16 0.00	33.71 -0.48 0.00	37.22 -0.41 0.00	40.39 -0.41 0.00	44.18 -1.09 0.00	49.22 -1.79 0.00	54.56 -1.92 0.00	59.81 -2.75 0.00	60.74 -3.39 14.76	93.89 -4.22 0.01	88.97 -3.90 0.01	72.01 -2.61 0.00	60.47 -1.81 0.00	48.04 -1.38 0.00	39.13 -0.76 0.00	33.56 -0.86 0.00
N.AKRON___115KV_KNAPP 355671	30.19 0.12 0.00	26.94 0.08 0.00	25.81 -0.13 0.00	24.26 -0.22 0.00	24.22 -0.29 0.00	25.25 0.13 0.00	27.19 0.05 0.00	31.04 -0.22 0.00	32.40 -0.66 0.00	33.85 -0.34 0.00	37.67 0.04 0.00	40.84 0.04 0.00	45.99 0.72 0.00	51.67 0.66 0.00	57.27 0.79 0.00	63.62 1.06 0.00	78.26 -0.63 0.00	98.51 0.39 0.00	93.80 0.93 0.00	77.68 3.06 0.00	64.83 2.55 0.00	50.90 1.48 0.00	40.80 0.92 0.00	34.55 0.14 0.00
N.BELMOR_69_KV_BK1 55787	37.45 3.16 -4.23	36.01 2.69 -6.46	35.03 2.41 -6.67	31.79 2.23 -5.07	31.36 2.23 -4.62	33.35 2.31 -5.92	33.64 2.71 -3.79	35.80 3.06 -1.48	37.29 3.44 -0.79	38.74 3.86 -0.69	42.79 4.10 -1.06	49.53 4.28 -4.45	55.16 4.66 -5.23	61.38 5.36 -5.02	67.38 5.76 -5.13	79.81 6.32 -10.93	95.26 8.60 -7.78	109.19 10.11 -0.97	102.39 9.10 -0.42	81.12 6.49 0.00	68.61 5.23 -1.10	56.55 4.35 -2.79	45.51 3.71 -1.92	40.40 3.51 -2.47
N.E_GEN_SANDY PD 24062	31.69 1.62 0.00	28.34 1.48 0.00	27.34 1.40 0.00	25.81 1.32 0.00	25.83 1.32 0.00	26.45 1.33 0.00	28.57 1.44 0.00	32.76 1.50 0.00	34.72 1.65 0.00	35.97 1.78 0.00	39.55 1.92 0.00	42.88 2.08 0.00	47.57 2.31 0.00	53.81 2.80 0.00	59.53 3.05 0.00	69.06 3.50 -3.00	91.08 4.81 -7.38	106.98 5.59 -3.28	101.96 5.20 -3.89	91.02 3.73 -12.67	68.20 3.05 -2.87	51.84 2.42 0.00	43.15 1.95 -1.31	34.69 1.58 1.31
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.29 2.23 0.00	28.83 1.96 0.00	27.66 1.71 0.00	26.08 1.59 0.00	26.10 1.59 0.00	26.78 1.66 0.00	29.08 1.95 0.00	33.35 2.09 0.00	35.41 2.35 0.00	36.89 2.70 0.00	40.38 2.75 0.00	43.70 2.90 0.00	48.53 3.26 0.00	54.83 3.83 0.00	60.55 4.07 0.00	67.00 4.44 0.00	86.66 6.23 -1.54	106.24 7.26 -0.87	99.28 6.41 0.00	79.03 4.40 0.00	66.87 3.55 -1.05	52.19 2.77 0.00	42.28 2.39 0.00	36.82 2.41 0.00
N.QUEENS_27_KV_LOAD 356247	32.99 2.92 -0.01	29.42 2.55 -0.01	28.24 2.28 -0.01	26.59 2.11 0.00	26.57 2.06 0.00	27.08 1.96 0.00	29.49 2.36 0.00	33.94 2.69 0.00	36.20 3.14 0.00	37.71 3.52 0.01	41.31 3.69 0.01	44.55 3.75 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.06 4.58 0.00	67.50 4.94 0.00	87.63 7.02 -1.72	106.93 7.85 -0.97	100.07 6.78 -0.42	79.18 4.55 0.00	67.42 4.05 -1.09	52.38 2.97 0.00	42.68 2.79 0.00	37.65 3.24 0.00
N.TROY___115KV_TB1 355778	31.42 1.35 0.00	28.13 1.26 0.00	27.16 1.22 0.00	25.64 1.15 0.00	25.66 1.15 0.00	26.28 1.16 0.00	28.35 1.22 0.00	32.48 1.22 0.00	34.39 1.32 0.00	35.66 1.47 0.00	39.17 1.54 0.00	42.51 1.71 0.00	47.21 1.95 0.00	53.30 2.30 0.00	59.02 2.54 0.00	65.69 3.13 0.00	96.21 4.10 -13.22	110.56 5.00 -7.45	104.98 4.92 -7.18	78.36 3.73 0.00	75.84 3.24 -10.32	51.94 2.52 0.00	41.76 1.87 0.00	36.10 1.69 0.00
NARROWS_GT1_1 24228	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NARROWS_GT1_2 24229	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NARROWS_GT1_3 24230	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NARROWS_GT1_4 24231	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NARROWS_GT1_5 24232	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01

NARROWS_GT1_6 24233	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NARROWS_GT1_7 24234	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NARROWS_GT1_8 24235	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NARROWS_GT2_1 24236	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.90 4.29 -4.33	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NARROWS_GT2_2 24237	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.90 4.29 -4.33	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NARROWS_GT2_3 24238	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.90 4.29 -4.33	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NARROWS_GT2_4 24239	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.90 4.29 -4.33	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NARROWS_GT2_5 24240	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.90 4.29 -4.33	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NARROWS_GT2_6 24241	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.90 4.29 -4.33	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NARROWS_GT2_7 24242	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.90 4.29 -4.33	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NARROWS_GT2_8 24243	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.81 7.52 -0.42	79.70 5.08 0.00	70.90 4.29 -4.33	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.69 1.62 0.00	28.34 1.48 0.00	27.40 1.45 0.00	25.86 1.37 0.00	25.86 1.35 0.00	26.48 1.36 0.00	28.51 1.38 0.00	32.26 1.00 0.00	33.92 0.86 0.00	35.22 1.03 0.00	38.61 0.98 0.00	41.94 1.14 0.00	46.31 1.04 0.00	52.18 1.17 0.00	57.95 1.47 0.00	64.62 2.06 0.00	65.48 3.63 17.04	93.32 4.81 9.60	90.50 5.29 7.67	78.36 3.73 0.00	69.80 3.05 -4.47	51.99 2.57 0.00	42.16 2.27 0.00	36.27 1.86 0.00
NCHELSEA_115KV_TR2 355582	32.50 2.44 0.00	28.96 2.10 0.00	27.84 1.89 0.00	26.25 1.76 0.00	26.25 1.74 0.00	26.91 1.78 0.00	29.22 2.09 0.00	33.38 2.13 0.00	35.54 2.48 0.00	37.10 2.91 0.00	40.68 3.05 0.00	44.02 3.22 0.00	49.11 3.85 0.00	55.50 4.49 0.00	61.34 4.86 0.00	68.00 5.44 0.00	87.46 7.34 -1.24	107.64 8.83 -0.70	100.86 7.99 0.00	80.30 5.67 0.00	68.04 4.61 -1.15	53.03 3.61 0.00	42.76 2.87 0.00	37.17 2.75 0.00
NEG CAPITAL___MECHNVIL 23645	31.90 1.83 0.00	28.53 1.67 0.00	27.53 1.58 0.00	25.93 1.44 0.00	25.96 1.45 0.00	26.60 1.48 0.00	28.73 1.60 0.00	32.91 1.66 0.00	34.81 1.75 0.00	36.11 1.91 0.00	39.66 2.03 0.00	43.12 2.32 0.00	48.03 2.76 0.00	54.17 3.16 0.00	60.04 3.56 0.00	66.88 4.31 -0.01	93.92 5.60 -9.43	110.59 7.16 -5.32	105.45 7.34 -5.25	80.37 5.75 0.00	79.02 5.04 -11.70	53.28 3.86 0.00	42.68 2.79 0.00	36.62 2.20 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.62 -0.45 0.00	26.41 -0.46 0.00	25.45 -0.49 0.00	23.87 -0.61 0.00	23.87 -0.64 0.00	24.67 -0.45 0.00	26.64 -0.49 0.00	30.63 -0.62 0.00	32.24 -0.83 0.00	33.99 -0.20 0.00	37.33 -0.30 0.00	40.52 -0.28 0.00	45.40 0.14 0.00	51.16 0.15 0.00	56.71 0.23 0.00	63.06 0.50 0.00	78.42 -0.47 0.00	98.31 0.20 0.00	93.25 0.37 0.00	76.04 1.41 0.00	63.46 1.18 0.00	50.11 0.69 0.00	40.09 0.20 0.00	34.93 0.52 0.00



NEG CENTRAL___DRP 24199	30.95 0.33 -0.55	27.30 0.27 -0.17	26.14 0.13 -0.06	24.56 0.07 0.00	24.58 0.07 0.00	25.35 0.23 0.00	27.70 0.30 -0.27	32.18 0.28 -0.64	34.04 0.17 -0.81	35.55 0.44 -0.92	39.40 0.53 -1.24	42.98 0.61 -1.57	48.03 1.04 -1.73	54.44 1.33 -2.11	60.66 1.53 -2.65	67.70 1.81 -3.32	85.04 1.58 -4.57	106.55 2.65 -5.79	101.28 2.79 -5.62	81.98 3.21 -4.15	68.12 2.55 -3.29	53.06 1.78 -1.86	42.11 1.16 -1.06	35.75 0.62 -0.72
NEG CENTRAL___INDECK 23768	31.27 1.20 0.00	27.88 1.02 0.00	26.85 0.91 0.00	25.12 0.64 0.00	25.10 0.59 0.00	26.05 0.93 0.00	28.11 0.98 0.00	32.13 0.87 0.00	33.43 0.36 0.00	35.32 1.13 0.00	37.22 -0.41 0.00	40.23 -0.57 0.00	45.13 -0.14 0.00	49.07 -1.94 0.00	54.62 -1.86 0.00	60.93 -1.63 0.00	75.81 -3.08 0.00	95.07 -3.04 0.00	91.29 -1.58 0.00	75.29 0.67 0.00	63.40 1.12 0.00	51.89 2.47 0.00	41.44 1.55 0.00	36.10 1.69 0.00
NEG CENTRAL___SENECA 23627	30.87 0.51 -0.29	27.38 0.43 -0.09	26.24 0.26 -0.03	24.68 0.20 0.00	24.68 0.17 0.00	25.52 0.40 0.00	27.76 0.49 -0.14	32.03 0.44 -0.33	33.75 0.26 -0.42	35.25 0.58 -0.48	39.03 0.75 -0.64	42.51 0.90 -0.81	47.61 1.45 -0.90	53.84 1.73 -1.10	59.89 2.03 -1.38	66.66 2.38 -1.73	83.31 2.05 -2.37	104.45 3.34 -3.01	99.32 3.53 -2.92	80.96 4.18 -2.15	67.35 3.36 -1.71	52.71 2.32 -0.97	42.00 1.56 -0.55	35.65 0.86 -0.37
NEG CENTRAL___STATE_STREET 24147	31.10 0.30 -0.73	27.34 0.24 -0.23	26.18 0.16 -0.08	24.58 0.10 0.00	24.61 0.10 0.00	25.32 0.20 0.00	27.76 0.27 -0.36	32.46 0.34 -0.86	34.42 0.26 -1.09	35.90 0.48 -1.23	39.82 0.53 -1.66	43.56 0.65 -2.10	48.53 0.95 -2.32	55.06 1.22 -2.83	61.51 1.47 -3.56	68.77 1.75 -4.46	86.84 1.81 -6.14	108.63 2.75 -7.77	103.11 2.69 -7.54	83.03 2.84 -5.57	68.93 2.24 -4.41	53.55 1.63 -2.49	42.39 1.08 -1.43	36.00 0.62 -0.96
NEG MILLWOOD___DRP 24198	32.65 2.59 0.00	29.07 2.20 0.00	27.92 1.97 0.00	26.32 1.84 0.00	26.35 1.84 0.00	27.03 1.91 0.00	29.38 2.25 0.00	33.82 2.56 0.00	35.97 2.91 0.00	37.58 3.39 0.00	41.24 3.61 0.00	44.63 3.84 0.00	49.52 4.26 0.00	56.01 5.00 0.00	61.85 5.37 0.00	68.69 6.13 0.00	88.80 8.36 -1.55	109.29 10.30 -0.87	102.16 9.29 0.00	81.19 6.57 0.00	68.84 5.42 -1.15	53.62 4.20 0.00	43.20 3.31 0.00	37.51 3.10 0.00
NEG NORTH_FLCN_SEA 23793	29.83 -0.24 0.00	26.62 -0.24 0.00	25.81 -0.13 0.00	24.34 -0.15 0.00	24.41 -0.10 0.00	25.02 -0.10 0.00	27.10 -0.03 0.00	31.44 0.19 0.00	33.36 0.30 0.00	34.23 0.03 0.00	37.74 0.11 0.00	40.96 0.16 0.00	44.00 -1.27 0.00	48.30 -2.70 0.00	53.49 -2.99 0.00	58.68 -3.88 0.00	58.38 -4.73 15.77	92.22 -5.89 0.01	87.39 -5.48 0.01	70.67 -3.96 0.00	59.23 -3.05 0.00	47.59 -1.83 0.00	39.73 -0.16 0.00	34.14 -0.28 0.00
NEG NORTH_KES_CHATEGAY 23792	29.44 -0.63 0.00	26.30 -0.56 0.00	25.48 -0.47 0.00	24.02 -0.47 0.00	24.07 -0.44 0.00	24.69 -0.43 0.00	26.72 -0.41 0.00	30.98 -0.28 0.00	32.83 -0.23 0.00	33.65 -0.55 0.00	37.14 -0.49 0.00	40.27 -0.53 0.00	43.95 -1.31 0.00	48.92 -2.09 0.00	54.17 -2.32 0.00	59.56 -3.00 0.00	59.76 -3.63 15.50	93.59 -4.51 0.01	88.78 -4.09 0.01	71.71 -2.91 0.00	60.04 -2.24 0.00	47.84 -1.58 0.00	39.13 -0.76 0.00	33.66 -0.76 0.00
NEG NORTH___ALICE_FALLS 23915	29.80 -0.27 0.00	26.62 -0.24 0.00	25.79 -0.16 0.00	24.31 -0.17 0.00	24.39 -0.12 0.00	25.02 -0.10 0.00	27.10 -0.03 0.00	31.44 0.19 0.00	33.33 0.26 0.00	34.19 0.00 0.00	37.74 0.11 0.00	40.92 0.12 0.00	44.27 -1.00 0.00	48.86 -2.14 0.00	54.11 -2.37 0.00	59.37 -3.19 0.00	59.29 -3.87 15.73	93.30 -4.81 0.01	88.50 -4.37 0.01	71.64 -2.98 0.00	60.10 -2.18 0.00	48.09 -1.33 0.00	39.73 -0.16 0.00	34.14 -0.28 0.00
NEG NORTH___LWR_SARANAC 23913	29.80 -0.27 0.00	26.62 -0.24 0.00	25.79 -0.16 0.00	24.31 -0.17 0.00	24.39 -0.12 0.00	25.02 -0.10 0.00	27.10 -0.03 0.00	31.44 0.19 0.00	33.33 0.26 0.00	34.19 0.00 0.00	37.74 0.11 0.00	40.92 0.12 0.00	44.27 -1.00 0.00	48.86 -2.14 0.00	54.11 -2.37 0.00	59.37 -3.19 0.00	59.29 -3.87 15.73	93.30 -4.81 0.01	88.50 -4.37 0.01	71.64 -2.98 0.00	60.10 -2.18 0.00	48.09 -1.33 0.00	39.73 -0.16 0.00	34.14 -0.28 0.00
NEG NORTH___PLATTSBURG 23628	29.77 -0.30 0.00	26.62 -0.24 0.00	25.79 -0.15 0.00	24.31 -0.17 0.00	24.39 -0.12 0.00	25.02 -0.10 0.00	27.10 -0.03 0.00	31.45 0.19 0.00	33.33 0.26 0.00	34.19 0.00 0.00	37.75 0.11 0.00	40.92 0.12 0.00	44.27 -1.00 0.00	48.87 -2.14 0.00	54.11 -2.37 0.00	59.37 -3.19 0.00	59.29 -3.86 15.73	93.30 -4.81 0.01	88.50 -4.36 0.01	71.64 -2.99 0.00	60.16 -2.12 0.00	48.09 -1.33 0.00	39.73 -0.16 0.00	34.11 -0.31 0.00
NEG WEST_LEA_LOCKPORT 23791	29.68 -0.39 0.00	26.51 -0.35 0.00	25.40 -0.54 0.00	23.87 -0.61 0.00	23.85 -0.66 0.00	24.85 -0.28 0.00	26.72 -0.41 0.00	30.38 -0.88 0.00	31.64 -1.42 0.00	33.10 -1.09 0.00	36.77 -0.87 0.00	39.90 -0.90 0.00	44.90 -0.36 0.00	50.34 -0.66 0.00	55.75 -0.73 0.00	61.87 -0.69 0.00	75.89 -3.00 0.00	95.37 -2.75 0.00	90.83 -2.04 0.00	75.37 0.75 0.00	62.90 0.62 0.00	49.42 0.00 0.00	39.69 -0.20 0.00	33.66 -0.76 0.00
NEG WEST___LANCASTR 23811	29.95 -0.12 0.00	26.76 -0.11 0.00	25.63 -0.31 0.00	24.09 -0.39 0.00	24.07 -0.44 0.00	25.07 -0.05 0.00	27.02 -0.11 0.00	30.79 -0.47 0.00	32.27 -0.79 0.00	33.92 -0.27 0.00	37.59 -0.04 0.00	40.80 0.00 0.00	45.95 0.68 0.00	51.67 0.66 0.00	57.27 0.79 0.00	63.62 1.06 0.00	78.57 -0.32 0.00	98.51 0.39 0.00	93.80 0.93 0.00	77.31 2.69 0.00	64.27 1.99 0.00	50.46 1.04 0.00	40.49 0.60 0.00	34.55 0.14 0.00
NEG_PENN_ALLEGHNY 23528	31.00 0.60 -0.33	27.48 0.51 -0.10	26.42 0.44 -0.04	24.85 0.37 0.00	24.88 0.37 0.00	25.60 0.48 0.00	27.80 0.51 -0.16	32.25 0.59 -0.40	34.10 0.53 -0.51	35.72 0.96 -0.58	39.35 0.94 -0.78	42.80 1.02 -0.98	47.71 1.36 -1.08	53.91 1.58 -1.33	59.95 1.81 -1.66	66.77 2.13 -2.09	83.97 2.21 -2.87	104.79 3.04 -3.64	99.46 3.06 -3.53	80.14 2.91 -2.61	67.18 2.37 -2.53	52.36 1.78 -1.17	41.83 1.28 -0.67	36.07 1.20 -0.45
NEG___GEN_MONROE 24207	30.04 -0.03 0.00	26.78 -0.08 0.00	25.71 -0.23 0.00	24.19 -0.29 0.00	24.19 -0.32 0.00	25.07 -0.05 0.00	27.08 -0.05 0.00	31.01 -0.25 0.00	32.57 -0.50 0.00	33.95 -0.24 0.00	37.67 0.04 0.00	40.92 0.12 0.00	45.90 0.63 0.00	51.62 0.61 0.00	57.10 0.62 0.00	63.37 0.81 0.00	78.65 -0.24 0.00	98.60 0.49 0.00	93.71 0.84 0.00	77.01 2.39 0.00	64.08 1.81 0.00	50.56 1.14 0.00	40.64 0.76 0.00	34.59 0.17 0.00
NEPA___ENERGY 23901	30.28 0.21 0.00	27.11 0.24 0.00	25.94 0.00 0.00	24.41 -0.07 0.00	24.39 -0.12 0.00	25.40 0.28 0.00	27.40 0.27 0.00	31.29 0.03 0.00	32.80 -0.26 0.00	34.47 0.27 0.00	38.27 0.64 0.00	41.49 0.69 0.00	46.72 1.45 0.00	52.54 1.53 0.00	58.23 1.75 0.00	64.69 2.13 0.00	79.91 1.03 0.00	100.08 1.96 0.00	95.29 2.41 0.00	78.50 3.88 0.00	65.27 2.99 0.00	51.30 1.88 0.00	41.16 1.28 0.00	35.00 0.59 0.00

NEVERSINK___HYD 23608	31.69 1.62 0.00	28.21 1.34 0.00	27.11 1.17 0.00	25.56 1.08 0.00	25.56 1.05 0.00	26.20 1.08 0.00	28.43 1.30 0.00	32.41 1.16 0.00	34.45 1.39 0.00	35.83 1.64 0.00	39.36 1.73 0.00	42.59 1.79 0.00	47.62 2.35 0.00	52.23 1.22 0.00	57.78 1.30 0.00	64.06 1.50 0.00	81.57 2.68 0.00	101.45 3.34 0.00	95.84 2.97 0.00	76.26 1.64 0.00	64.71 1.25 -1.19	51.89 2.47 0.00	41.72 1.84 0.00	36.00 1.58 0.00
NEWKRMKL_115KV_TB1 55635	30.94 0.87 0.00	27.67 0.81 0.00	26.77 0.83 0.00	25.29 0.81 0.00	25.32 0.81 0.00	25.93 0.80 0.00	27.92 0.79 0.00	31.98 0.72 0.00	33.82 0.76 0.00	35.15 0.96 0.00	38.57 0.94 0.00	41.86 1.06 0.00	46.26 1.00 0.00	52.23 1.22 0.00	57.84 1.36 0.00	64.25 1.69 0.00	76.09 2.45 5.25	98.00 2.85 2.96	93.92 2.69 1.65	76.49 1.87 0.00	71.52 1.68 -7.57	50.80 1.38 0.00	41.04 1.16 0.00	35.52 1.10 0.00
NEWTON___FALLS_HYD 23847	29.58 -0.78 -0.29	26.26 -0.70 -0.09	25.28 -0.70 -0.03	23.80 -0.69 0.00	23.85 -0.66 0.00	24.47 -0.65 0.00	26.62 -0.65 -0.14	30.85 -0.78 -0.38	32.68 -0.86 -0.47	33.63 -1.09 -0.54	37.19 -1.17 -0.72	40.49 -1.22 -0.92	44.87 -1.40 -1.01	50.56 -1.68 -1.23	56.34 -1.69 -1.55	62.44 -2.06 -1.94	70.47 -2.76 5.65	98.45 -3.04 -3.38	93.65 -2.51 -3.28	75.33 -1.72 -2.43	63.08 -1.12 -1.92	49.57 -0.94 -1.09	39.63 -0.88 -0.62	33.87 -0.96 -0.42
NGRID_A1_DSASP 323792	28.99 -1.08 0.00	25.87 -0.99 0.00	24.98 -0.96 0.00	23.31 -1.17 0.00	23.26 -1.25 0.00	24.27 -0.85 0.00	26.07 -1.06 0.00	29.54 -1.72 0.00	30.88 -2.18 0.00	33.20 -0.99 0.00	36.31 -1.32 0.00	39.21 -1.59 0.00	44.09 -1.18 0.00	49.42 -1.58 0.00	54.73 -1.75 0.00	60.81 -1.75 0.00	74.47 -4.42 0.00	93.41 -4.71 0.00	88.98 -3.90 0.00	73.80 -0.82 0.00	61.59 -0.68 0.00	48.53 -0.89 0.00	38.97 -0.92 0.00	34.66 0.24 0.00
NGRID_A2_DSASP 323793	28.99 -1.08 0.00	25.87 -0.99 0.00	24.98 -0.96 0.00	23.31 -1.17 0.00	23.26 -1.25 0.00	24.27 -0.85 0.00	26.07 -1.06 0.00	29.54 -1.72 0.00	30.88 -2.18 0.00	33.20 -0.99 0.00	36.31 -1.32 0.00	39.21 -1.59 0.00	44.09 -1.18 0.00	49.42 -1.58 0.00	54.73 -1.75 0.00	60.81 -1.75 0.00	74.47 -4.42 0.00	93.41 -4.71 0.00	88.98 -3.90 0.00	73.80 -0.82 0.00	61.59 -0.68 0.00	48.53 -0.89 0.00	38.97 -0.92 0.00	34.66 0.24 0.00
NGRID_A4_DSASP 323807	28.99 -1.08 0.00	25.87 -0.99 0.00	24.98 -0.96 0.00	23.31 -1.17 0.00	23.26 -1.25 0.00	24.27 -0.85 0.00	26.07 -1.06 0.00	29.54 -1.72 0.00	30.88 -2.18 0.00	33.20 -0.99 0.00	36.31 -1.32 0.00	39.21 -1.59 0.00	44.09 -1.18 0.00	49.42 -1.58 0.00	54.73 -1.75 0.00	60.81 -1.75 0.00	74.47 -4.42 0.00	93.41 -4.71 0.00	88.98 -3.90 0.00	73.80 -0.82 0.00	61.59 -0.68 0.00	48.53 -0.89 0.00	38.97 -0.92 0.00	34.66 0.24 0.00
NIAGARA_115E_LBMP 323715	29.26 -0.81 0.00	26.08 -0.78 0.00	25.19 -0.75 0.00	23.53 -0.96 0.00	23.48 -1.03 0.00	24.47 -0.65 0.00	26.32 -0.81 0.00	29.82 -1.44 0.00	31.18 -1.88 0.00	33.47 -0.72 0.00	36.58 -1.05 0.00	39.49 -1.31 0.00	44.45 -0.81 0.00	49.88 -1.12 0.00	55.18 -1.30 0.00	61.37 -1.19 0.00	75.18 -3.71 0.00	94.28 -3.83 0.00	89.90 -2.98 0.00	74.48 -0.15 0.00	62.22 -0.06 0.00	48.97 -0.45 0.00	39.29 -0.60 0.00	34.93 0.52 0.00
NIAGARA_115W_LBMP 323714	28.93 -1.14 0.00	25.79 -1.08 0.00	24.91 -1.04 0.00	23.26 -1.22 0.00	23.21 -1.30 0.00	24.19 -0.93 0.00	25.99 -1.14 0.00	29.44 -1.81 0.00	30.78 -2.28 0.00	33.10 -1.10 0.00	36.20 -1.43 0.00	39.09 -1.71 0.00	43.95 -1.31 0.00	49.27 -1.73 0.00	54.56 -1.92 0.00	60.62 -1.94 0.00	74.23 -4.65 0.00	93.11 -5.00 0.00	88.70 -4.18 0.00	73.58 -1.04 0.00	61.41 -0.87 0.00	48.38 -1.04 0.00	38.85 -1.04 0.00	34.55 0.14 0.00
NIAGARA_230_LBMP 323716	29.32 -0.75 0.00	26.17 -0.70 0.00	25.27 -0.67 0.00	23.60 -0.88 0.00	23.55 -0.96 0.00	24.54 -0.58 0.00	26.37 -0.76 0.00	29.88 -1.37 0.00	31.28 -1.79 0.00	33.58 -0.61 0.00	36.69 -0.94 0.00	39.66 -1.14 0.00	44.59 -0.68 0.00	50.04 -0.97 0.00	55.35 -1.13 0.00	61.49 -1.06 0.00	75.42 -3.47 0.00	94.68 -3.44 0.00	90.09 -2.78 0.00	74.55 -0.07 0.00	62.28 0.00 0.00	49.08 -0.34 0.00	39.41 -0.48 0.00	35.00 0.58 0.00
NIAGARA___115KV_198_GIBSON 55903	28.84 -1.23 0.00	25.79 -1.07 0.00	24.70 -1.25 0.00	23.26 -1.22 0.00	23.21 -1.30 0.00	24.19 -0.93 0.00	25.99 -1.14 0.00	29.44 -1.81 0.00	30.78 -2.28 0.00	32.31 -1.88 0.00	36.05 -1.58 0.00	39.09 -1.71 0.00	43.95 -1.31 0.00	49.22 -1.79 0.00	54.50 -1.98 0.00	60.49 -2.06 0.00	74.15 -4.73 0.00	93.11 -5.00 0.00	88.69 -4.18 0.00	73.65 -0.97 0.00	61.47 -0.81 0.00	48.28 -1.14 0.00	38.85 -1.04 0.00	32.97 -1.45 0.00
NIAGARA____ 23760	29.32 -0.75 0.00	26.17 -0.70 0.00	25.27 -0.67 0.00	23.60 -0.88 0.00	23.55 -0.96 0.00	24.54 -0.58 0.00	26.37 -0.76 0.00	29.88 -1.37 0.00	31.28 -1.79 0.00	33.58 -0.61 0.00	36.69 -0.94 0.00	39.66 -1.14 0.00	44.59 -0.68 0.00	50.04 -0.97 0.00	55.35 -1.13 0.00	61.49 -1.06 0.00	75.42 -3.47 0.00	94.68 -3.44 0.00	90.09 -2.78 0.00	74.55 -0.07 0.00	62.28 0.00 0.00	49.08 -0.34 0.00	39.41 -0.48 0.00	35.00 0.58 0.00
NINE_MILE_1 23575	24.31 -0.81 4.95	24.60 -0.72 1.54	24.66 -0.73 0.55	23.80 -0.69 0.00	23.80 -0.71 0.00	24.42 -0.70 0.00	24.00 -0.73 2.40	24.27 -0.88 6.11	24.35 -0.99 7.72	24.60 -0.85 8.74	24.86 -0.98 11.80	24.82 -1.06 14.92	27.80 -1.04 16.43	29.76 -1.17 20.08	30.03 -1.24 25.21	29.61 -1.32 31.64	33.47 -1.89 43.52	40.86 -2.16 55.10	37.35 -2.04 53.48	33.81 -1.34 39.48	29.85 -1.12 31.31	30.79 -0.94 17.69	28.88 -0.88 10.13	26.92 -0.69 6.81
NINE_MILE_2 23744	24.24 -0.81 5.02	24.57 -0.72 1.57	24.65 -0.73 0.56	23.80 -0.69 0.00	23.80 -0.71 0.00	24.42 -0.70 0.00	23.96 -0.73 2.44	24.18 -0.88 6.21	24.23 -0.99 7.84	24.47 -0.85 8.87	24.68 -0.98 11.97	24.59 -1.06 15.14	27.55 -1.04 16.67	29.45 -1.17 20.38	29.65 -1.24 25.59	29.13 -1.32 32.11	32.82 -1.89 44.18	40.03 -2.16 55.93	36.54 -2.04 54.28	33.21 -1.34 40.07	29.38 -1.12 31.78	30.52 -0.94 17.96	28.72 -0.88 10.28	26.81 -0.69 6.91
NM_CAPITAL___DRP 24208	31.00 0.93 0.00	27.72 0.86 0.00	26.83 0.88 0.00	25.37 0.88 0.00	25.39 0.88 0.00	25.98 0.85 0.00	27.97 0.84 0.00	32.07 0.81 0.00	33.89 0.83 0.00	35.22 1.03 0.00	38.65 1.02 0.00	41.94 1.14 0.00	46.40 1.13 0.00	52.38 1.38 0.00	58.01 1.53 0.00	64.44 1.88 0.00	90.33 2.60 -8.84	106.13 3.04 -4.98	101.02 2.97 -5.18	76.64 2.01 0.00	71.53 1.81 -7.44	50.85 1.43 0.00	41.08 1.20 0.00	35.55 1.14 0.00
NM_CENTRAL___DRP 24181	30.43 -0.12 -0.48	26.88 -0.13 -0.15	25.82 -0.18 -0.05	24.31 -0.17 0.00	24.31 -0.20 0.00	24.97 -0.15 0.00	27.23 -0.14 -0.23	31.69 -0.13 -0.55	33.53 -0.23 -0.70	34.95 -0.03 -0.79	38.62 -0.08 -1.07	42.15 0.00 -1.35	46.93 0.18 -1.49	53.13 0.31 -1.82	59.16 0.40 -2.28	65.92 0.50 -2.86	83.22 0.39 -3.94	103.78 0.69 -4.98	98.36 0.65 -4.84	79.09 0.90 -3.57	65.86 0.75 -2.83	51.47 0.44 -1.60	41.00 0.20 -0.92	35.03 0.00 -0.62

NM_FRONTIER___DRP 24179	28.84 -1.23 0.00	25.79 -1.07 0.00	24.70 -1.25 0.00	23.26 -1.22 0.00	23.21 -1.30 0.00	24.19 -0.93 0.00	25.99 -1.14 0.00	29.44 -1.81 0.00	30.78 -2.28 0.00	32.31 -1.88 0.00	36.05 -1.58 0.00	39.09 -1.71 0.00	43.95 -1.31 0.00	49.22 -1.79 0.00	54.50 -1.98 0.00	60.49 -2.06 0.00	74.15 -4.73 0.00	93.11 -5.00 0.00	88.69 -4.18 0.00	73.65 -0.97 0.00	61.47 -0.81 0.00	48.28 -1.14 0.00	38.85 -1.04 0.00	32.97 -1.45 0.00
NM_ST_REGIS___HYD 24053	28.84 -1.23 0.00	25.76 -1.10 0.00	24.93 -1.01 0.00	23.51 -0.98 0.00	23.55 -0.96 0.00	24.14 -0.98 0.00	26.10 -1.03 0.00	30.40 -1.03 -0.17	32.22 -1.06 -0.22	33.04 -1.40 -0.25	36.54 -1.43 -0.33	39.67 -1.55 -0.42	43.65 -2.08 -0.46	48.92 -2.65 -0.57	54.37 -2.82 -0.71	59.82 -3.63 -0.89	62.37 -4.73 11.78	93.87 -5.79 -1.55	88.90 -5.48 -1.50	71.71 -4.03 -1.12	60.05 -3.11 -0.88	47.50 -2.42 -0.50	38.46 -1.72 -0.29	32.99 -1.62 -0.19
NORTHPORT___1 23551	36.91 2.61 -4.23	35.66 2.34 -6.46	34.77 2.15 -6.67	31.59 2.03 -5.07	31.16 2.03 -4.62	33.13 2.08 -5.92	33.42 2.49 -3.79	35.49 2.75 -1.48	36.86 3.01 -0.79	37.75 2.87 -0.69	42.03 3.35 -1.05	46.00 3.55 -1.65	50.75 3.80 -1.68	52.95 4.49 2.55	58.22 4.75 3.01	69.54 5.13 -1.85	79.55 7.18 6.52	94.99 8.24 11.37	87.92 7.52 12.47	81.53 5.38 -1.53	64.01 4.11 2.37	55.31 3.31 -2.58	44.64 2.83 -1.92	39.47 2.58 -2.47
NORTHPORT___2 23552	36.91 2.61 -4.23	35.66 2.34 -6.46	34.77 2.15 -6.67	31.59 2.03 -5.07	31.16 2.03 -4.62	33.13 2.08 -5.92	33.42 2.49 -3.79	35.49 2.75 -1.48	36.86 3.01 -0.79	37.75 2.87 -0.69	42.03 3.35 -1.05	46.00 3.55 -1.65	50.75 3.80 -1.68	52.95 4.49 2.55	58.22 4.75 3.01	69.54 5.13 -1.85	79.55 7.18 6.52	94.99 8.24 11.37	80.60 7.52 19.79	73.75 5.38 6.25	61.13 4.11 5.26	55.31 3.31 -2.58	44.64 2.83 -1.92	39.47 2.58 -2.47
NORTHPORT___3 23553	36.82 2.53 -4.23	35.63 2.31 -6.46	34.82 2.20 -6.67	31.62 2.06 -5.07	31.16 2.03 -4.62	33.18 2.13 -5.92	33.42 2.49 -3.79	35.49 2.75 -1.48	36.73 2.88 -0.79	37.61 2.74 -0.69	41.63 2.94 -1.06	45.81 3.35 -1.66	50.74 3.80 -1.67	52.96 4.49 2.54	58.17 4.69 3.00	69.65 5.26 -1.84	80.01 7.65 6.53	95.47 8.73 11.38	81.43 8.36 19.80	74.33 5.97 6.26	61.68 4.67 5.27	55.55 3.56 -2.57	44.36 2.55 -1.92	39.23 2.34 -2.47
NORTHPORT___4 23650	36.82 2.53 -4.23	35.63 2.31 -6.46	34.82 2.20 -6.67	31.62 2.06 -5.07	31.16 2.03 -4.62	33.18 2.13 -5.92	33.42 2.49 -3.79	35.49 2.75 -1.48	36.73 2.88 -0.79	37.61 2.74 -0.69	41.63 2.94 -1.06	45.81 3.35 -1.66	50.74 3.80 -1.67	52.96 4.49 2.54	58.17 4.69 3.00	69.65 5.26 -1.84	80.01 7.65 6.53	95.47 8.73 11.38	81.43 8.36 19.80	74.33 5.97 6.26	61.68 4.67 5.27	55.55 3.56 -2.57	44.36 2.55 -1.92	39.23 2.34 -2.47
NORTHPORT___IC 23718	36.88 2.59 -4.23	35.63 2.31 -6.46	34.77 2.15 -6.67	31.59 2.03 -5.07	31.16 2.03 -4.62	33.13 2.09 -5.92	33.42 2.50 -3.79	35.49 2.75 -1.48	36.86 3.01 -0.79	38.16 3.28 -0.69	42.03 3.35 -1.05	46.00 3.55 -1.65	50.70 3.76 -1.68	52.95 4.49 2.55	58.22 4.74 3.01	69.59 5.19 -1.84	79.55 7.18 6.52	94.99 8.24 11.37	80.60 7.52 19.79	73.52 5.15 6.25	61.13 4.11 5.26	55.36 3.36 -2.58	44.63 2.83 -1.92	39.64 2.75 -2.47
NORTH___COUNTRY_ESR 323785	29.32 -0.75 0.00	26.22 -0.64 0.00	25.40 -0.55 0.00	23.97 -0.52 0.00	24.02 -0.49 0.00	24.62 -0.50 0.00	26.64 -0.49 0.00	30.91 -0.34 0.00	32.80 -0.27 0.00	33.58 -0.61 0.00	37.07 -0.56 0.00	40.23 -0.57 0.00	43.91 -1.36 0.00	48.87 -2.14 0.00	54.11 -2.37 0.00	59.49 -3.06 0.00	59.69 -3.71 15.50	93.50 -4.61 0.01	88.59 -4.27 0.01	71.49 -3.13 0.00	59.85 -2.43 0.00	47.64 -1.78 0.00	39.01 -0.88 0.00	33.52 -0.89 0.00
NPX_GEN_1385_PROXY 323591	36.25 1.95 -4.23	35.10 1.77 -6.46	34.17 1.56 -6.67	31.15 1.59 -5.07	30.77 1.64 -4.62	32.55 1.51 -5.92	32.88 1.95 -3.79	34.80 2.06 -1.48	36.59 2.74 -0.79	37.47 2.60 -0.69	41.62 2.94 -1.05	45.76 3.30 -1.65	50.88 3.94 -1.68	53.05 4.59 2.55	58.16 4.69 3.01	69.78 5.38 -1.85	80.57 8.20 6.52	95.96 9.22 11.37	88.74 9.48 13.61	82.56 7.46 -0.47	64.78 5.48 2.98	56.00 4.00 -2.58	45.90 2.79 -3.23	37.44 1.86 -1.16
NPX_GEN_CSC 323557	37.39 3.10 -4.23	35.90 2.58 -6.46	34.90 2.28 -6.67	31.71 2.16 -5.07	31.28 2.16 -4.62	33.30 2.26 -5.92	33.61 2.69 -3.79	35.80 3.06 -1.48	37.32 3.47 -0.79	38.47 3.59 -0.69	42.94 4.21 -1.09	77.09 4.69 -31.60	90.29 5.11 -39.91	135.67 5.96 -78.70	147.36 6.44 -84.45	169.22 7.07 -99.60	235.75 9.62 -147.24	230.53 11.08 -121.34	300.95 10.49 -197.58	143.45 7.62 -61.21	131.22 5.92 -63.02	59.03 4.74 -4.87	46.83 3.71 -3.23	38.92 3.34 -1.17
NSINS_S_GLNS_FALLS 23858	31.99 1.92 0.00	28.64 1.77 0.00	27.58 1.63 0.00	25.95 1.47 0.00	25.98 1.47 0.00	26.65 1.53 0.00	28.81 1.68 0.00	33.01 1.75 0.00	34.91 1.85 0.00	36.28 2.09 0.00	39.63 1.99 0.00	43.08 2.28 0.00	48.12 2.85 0.00	54.02 3.01 0.00	59.93 3.45 0.00	66.81 4.25 0.00	92.00 5.60 -7.52	109.71 7.36 -4.23	105.31 8.17 -4.26	81.34 6.72 0.00	80.78 6.17 -12.34	54.11 4.69 0.00	43.08 3.19 0.00	37.03 2.62 0.00
NUCOR_STEEL___DRP 24197	31.22 0.36 -0.79	27.41 0.30 -0.25	26.24 0.21 -0.09	24.63 0.15 0.00	24.68 0.17 0.00	25.37 0.25 0.00	27.81 0.30 -0.38	32.52 0.34 -0.92	34.49 0.26 -1.17	35.99 0.48 -1.32	39.90 0.49 -1.78	43.66 0.61 -2.25	48.65 0.91 -2.48	55.16 1.12 -3.03	61.59 1.30 -3.81	68.96 1.63 -4.78	87.04 1.58 -6.57	108.89 2.45 -8.32	103.46 2.51 -8.08	83.20 2.61 -5.96	69.12 2.12 -4.73	53.62 1.53 -2.67	42.45 1.04 -1.53	36.10 0.65 -1.03
NUMBER_THREE_WT_PWR 323818	30.60 0.18 -0.35	27.14 0.16 -0.11	26.09 0.10 -0.04	24.56 0.07 0.00	24.63 0.12 0.00	25.30 0.18 0.00	27.57 0.27 -0.17	31.83 0.13 -0.44	33.66 0.03 -0.56	34.86 0.03 -0.63	38.49 0.00 -0.86	41.88 0.00 -1.08	46.59 0.14 -1.19	52.67 0.20 -1.46	58.76 0.45 -1.83	65.35 0.50 -2.30	79.40 0.56 0.05	103.48 1.37 -4.00	98.61 1.86 -3.88	79.28 1.79 -2.86	66.36 1.81 -2.27	51.99 1.28 -1.28	41.30 0.68 -0.74	35.29 0.38 -0.49
NYISO_LBMP_REFERENCE 24008	30.07 0.00 0.00	26.86 0.00 0.00	25.94 0.00 0.00	24.49 0.00 0.00	24.51 0.00 0.00	25.12 0.00 0.00	27.13 0.00 0.00	31.26 0.00 0.00	33.06 0.00 0.00	34.19 0.00 0.00	37.63 0.00 0.00	40.80 0.00 0.00	45.27 0.00 0.00	51.01 0.00 0.00	56.48 0.00 0.00	62.56 0.00 0.00	78.89 0.00 0.00	98.11 0.00 0.00	92.87 0.00 0.00	74.62 0.00 0.00	62.28 0.00 0.00	49.42 0.00 0.00	39.89 0.00 0.00	34.42 0.00 0.00
NYPA_BRENTWD____GT 24164	37.60 3.31 -4.23	36.17 2.85 -6.46	35.18 2.57 -6.67	31.98 2.42 -5.07	31.55 2.43 -4.62	33.55 2.51 -5.92	33.86 2.93 -3.79	36.05 3.31 -1.48	37.52 3.67 -0.79	38.57 3.69 -0.69	43.11 4.29 -1.19	55.48 4.53 -10.15	62.58 4.80 -12.52	76.91 5.40 -20.50	84.10 5.82 -21.80	98.51 6.38 -29.56	124.73 8.76 -37.09	134.68 10.30 -26.26	144.10 9.38 -41.85	94.24 6.79 -12.83	81.72 5.29 -14.15	56.94 4.30 -3.22	45.67 3.83 -1.95	40.40 3.47 -2.51

NYPA_GOWANUS____GT5 24156	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.45 4.97 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.72 7.43 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NYPA_GOWANUS____GT6 24157	33.25 3.07 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.87 0.00	36.37 3.31 0.00	49.41 3.59 -11.63	45.43 3.91 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.45 4.97 0.00	74.09 5.38 -6.15	88.24 7.57 -1.77	107.61 8.53 -0.97	100.72 7.43 -0.42	79.70 5.08 0.00	70.72 4.29 -4.15	52.78 3.36 0.00	43.00 3.11 0.00	37.49 3.06 -0.01
NYPA_HARLEM__RVR__GT1 24160	32.96 2.89 -0.01	29.37 2.50 -0.01	28.16 2.20 -0.01	26.52 2.03 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.87 2.63 0.01	36.09 3.04 0.01	37.47 3.28 0.01	41.20 3.58 0.01	44.38 3.59 0.01	48.97 3.71 0.01	55.43 4.44 0.01	60.82 4.35 0.01	67.18 4.63 0.01	87.23 6.63 -1.71	106.53 7.45 -0.96	99.69 6.40 -0.41	78.87 4.25 0.01	66.86 3.49 -1.09	52.18 2.77 0.01	42.51 2.63 0.01	37.34 2.92 0.00
NYPA_HARLEM__RVR__GT2 24161	32.96 2.89 -0.01	29.37 2.50 -0.01	28.16 2.20 -0.01	26.52 2.03 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.87 2.63 0.01	36.09 3.04 0.01	37.47 3.28 0.01	41.20 3.58 0.01	44.38 3.59 0.01	48.97 3.71 0.01	55.43 4.44 0.01	60.82 4.35 0.01	67.18 4.63 0.01	87.23 6.63 -1.71	106.53 7.45 -0.96	99.69 6.40 -0.41	78.87 4.25 0.01	66.86 3.49 -1.09	52.18 2.77 0.01	42.51 2.63 0.01	37.34 2.92 0.00
NYPA_KENT____GT 24152	33.14 3.01 -0.07	29.37 2.50 -0.01	28.16 2.20 -0.01	26.52 2.03 0.00	26.52 2.01 0.00	27.11 1.98 0.00	29.57 2.44 0.00	34.07 2.81 0.00	36.31 3.24 0.00	45.19 3.52 -7.48	43.96 3.84 -2.49	44.68 3.88 0.00	49.34 4.08 0.00	55.85 4.85 0.00	61.28 4.80 0.00	71.27 5.19 -3.52	87.89 7.25 -1.75	107.32 8.24 -0.97	100.44 7.15 -0.42	79.47 4.85 0.00	67.46 4.05 -1.14	52.63 3.21 0.00	42.88 2.99 0.00	37.38 2.96 0.00
NYPA_POUCH1____GT 24155	33.16 2.98 -0.11	29.40 2.52 -0.01	28.18 2.23 -0.01	26.52 2.03 0.00	26.52 2.01 0.00	27.08 1.96 0.00	29.49 2.36 0.00	34.01 2.75 0.00	36.27 3.21 0.00	49.31 3.49 -11.63	45.31 3.80 -3.88	44.59 3.80 0.00	49.29 4.03 0.00	55.80 4.79 0.00	61.28 4.80 0.00	73.90 5.19 -6.15	88.00 7.34 -1.77	107.32 8.24 -0.97	100.54 7.25 -0.42	79.47 4.85 0.00	70.63 4.11 -4.24	52.63 3.21 0.00	42.88 2.99 0.00	37.38 2.96 -0.01
NYPA_VERNON____GT2 24162	33.01 2.92 -0.02	29.32 2.44 -0.01	28.08 2.13 -0.01	26.47 1.98 0.00	26.47 1.96 0.00	27.08 1.96 0.00	29.55 2.41 0.00	34.04 2.78 0.00	36.24 3.17 0.00	40.96 3.45 -3.32	42.46 3.73 -1.10	44.59 3.80 0.00	49.25 3.98 0.00	55.70 4.69 0.00	61.17 4.69 0.00	68.46 5.01 -0.89	87.72 7.10 -1.73	107.13 8.05 -0.97	100.26 6.97 -0.42	79.33 4.70 0.00	67.18 3.80 -1.11	52.53 3.12 0.00	42.80 2.91 0.00	37.27 2.85 0.00
NYPA_VERNON____GT3 24163	33.01 2.92 -0.02	29.32 2.44 -0.01	28.08 2.13 -0.01	26.47 1.98 0.00	26.47 1.96 0.00	27.08 1.96 0.00	29.55 2.41 0.00	34.04 2.78 0.00	36.24 3.17 0.00	40.96 3.45 -3.32	42.46 3.73 -1.10	44.59 3.80 0.00	49.25 3.98 0.00	55.70 4.69 0.00	61.17 4.69 0.00	68.46 5.01 -0.89	87.72 7.10 -1.73	107.13 8.05 -0.97	100.26 6.97 -0.42	79.33 4.70 0.00	67.18 3.80 -1.11	52.53 3.12 0.00	42.80 2.91 0.00	37.27 2.85 0.00
NYPA____ASTORIA_CC1 323568	32.96 2.89 -0.01	29.29 2.42 -0.01	28.05 2.10 -0.01	26.44 1.96 0.00	26.45 1.94 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.97 2.72 0.00	36.17 3.11 0.00	39.19 3.35 -1.64	41.82 3.65 -0.54	44.51 3.71 0.00	49.11 3.85 0.00	55.54 4.54 0.00	61.00 4.52 0.00	67.38 4.82 0.00	87.47 6.86 -1.72	106.83 7.75 -0.97	99.98 6.69 -0.42	79.10 4.48 0.00	67.04 3.67 -1.09	52.33 2.92 0.00	42.68 2.79 0.00	37.24 2.82 0.00
NYPA____ASTORIA_CC2 323569	32.96 2.89 -0.01	29.29 2.42 -0.01	28.05 2.10 -0.01	26.44 1.96 0.00	26.45 1.94 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.97 2.72 0.00	36.17 3.11 0.00	39.19 3.35 -1.64	41.82 3.65 -0.54	44.51 3.71 0.00	49.11 3.85 0.00	55.54 4.54 0.00	61.00 4.52 0.00	67.38 4.82 0.00	87.47 6.86 -1.72	106.83 7.75 -0.97	99.98 6.69 -0.42	79.10 4.48 0.00	67.04 3.67 -1.09	52.33 2.92 0.00	42.68 2.79 0.00	37.24 2.82 0.00
NYPA____HOLTSVILL 23794	37.42 3.13 -4.23	35.98 2.66 -6.46	35.00 2.39 -6.67	31.81 2.25 -5.07	31.38 2.25 -4.62	33.38 2.34 -5.92	33.66 2.74 -3.79	35.86 3.13 -1.48	37.35 3.50 -0.79	38.40 3.52 -0.69	42.79 4.07 -1.09	76.32 4.41 -31.11	89.30 4.75 -39.29	133.94 5.56 -77.38	145.38 5.87 -83.02	167.01 6.44 -98.00	232.46 8.83 -144.74	227.59 10.30 -119.18	296.39 9.48 -194.04	141.52 6.94 -59.96	129.82 5.48 -62.06	58.65 4.40 -4.83	45.36 3.55 -1.92	40.13 3.23 -2.48
NYPA____HELLGATE_GT1 24158	32.96 2.89 -0.01	29.37 2.50 -0.01	28.16 2.20 -0.01	26.52 2.03 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.87 2.63 0.01	36.09 3.04 0.01	37.47 3.28 0.01	41.16 3.54 0.01	44.38 3.59 0.01	48.97 3.71 0.01	55.43 4.44 0.01	60.82 4.35 0.01	67.18 4.63 0.01	87.23 6.63 -1.71	106.53 7.45 -0.96	99.69 6.40 -0.41	78.87 4.25 0.01	66.86 3.49 -1.09	52.18 2.77 0.01	42.51 2.63 0.01	37.34 2.92 0.00
NYPA____HELLGATE_GT2 24159	32.96 2.89 -0.01	29.37 2.50 -0.01	28.16 2.20 -0.01	26.52 2.03 0.00	26.52 2.01 0.00	27.03 1.91 0.00	29.41 2.28 0.00	33.87 2.63 0.01	36.09 3.04 0.01	37.47 3.28 0.01	41.16 3.54 0.01	44.38 3.59 0.01	48.97 3.71 0.01	55.43 4.44 0.01	60.82 4.35 0.01	67.18 4.63 0.01	87.23 6.63 -1.71	106.53 7.45 -0.96	99.69 6.40 -0.41	78.87 4.25 0.01	66.86 3.49 -1.09	52.18 2.77 0.01	42.51 2.63 0.01	37.34 2.92 0.00
NYS_BARGE____HYD 23848	29.77 -0.30 0.00	26.51 -0.35 0.00	25.61 -0.34 0.00	23.90 -0.59 0.00	23.85 -0.66 0.00	24.87 -0.25 0.00	26.75 -0.38 0.00	30.41 -0.84 0.00	31.71 -1.36 0.00	33.99 -0.20 0.00	37.07 -0.56 0.00	40.07 -0.73 0.00	45.09 -0.18 0.00	50.60 -0.41 0.00	56.03 -0.45 0.00	62.31 -0.25 0.00	76.36 -2.53 0.00	95.86 -2.25 0.00	91.38 -1.49 0.00	75.67 1.04 0.00	63.21 0.94 0.00	49.77 0.35 0.00	39.89 0.00 0.00	35.38 0.96 0.00
OAK ORCHARD____HYD 24046	30.04 -0.03 0.00	26.78 -0.08 0.00	25.84 -0.10 0.00	24.22 -0.27 0.00	24.19 -0.32 0.00	25.05 -0.08 0.00	27.02 -0.11 0.00	30.98 -0.28 0.00	32.57 -0.50 0.00	34.46 0.27 0.00	37.82 0.19 0.00	40.96 0.16 0.00	45.95 0.68 0.00	51.72 0.71 0.00	57.33 0.85 0.00	63.69 1.13 0.00	79.05 0.16 0.00	99.09 0.98 0.00	93.99 1.12 0.00	76.94 2.32 0.00	64.21 1.93 0.00	50.70 1.28 0.00	40.61 0.72 0.00	35.52 1.10 0.00

OAKDALE___35_KV_LOAD 356122	30.84 0.45 -0.32	27.39 0.43 -0.10	26.32 0.34 -0.04	24.78 0.29 0.00	24.80 0.29 0.00	25.52 0.40 0.00	27.72 0.43 -0.15	32.12 0.47 -0.39	33.96 0.40 -0.50	35.44 0.68 -0.56	39.14 0.75 -0.76	42.57 0.82 -0.96	47.41 1.09 -1.06	53.57 1.28 -1.29	59.57 1.47 -1.62	66.28 1.69 -2.03	83.42 1.74 -2.80	104.11 2.45 -3.54	98.72 2.41 -3.44	79.62 2.46 -2.54	66.77 1.99 -2.50	51.99 1.43 -1.14	41.57 1.04 -0.65	35.58 0.72 -0.44
OCC_CHEM___DRP 24175	28.93 -1.14 0.00	25.87 -0.99 0.00	24.78 -1.17 0.00	23.31 -1.18 0.00	23.26 -1.25 0.00	24.27 -0.85 0.00	26.07 -1.06 0.00	29.54 -1.72 0.00	30.88 -2.18 0.00	32.41 -1.78 0.00	36.16 -1.47 0.00	39.21 -1.59 0.00	44.09 -1.18 0.00	49.37 -1.63 0.00	54.67 -1.81 0.00	60.68 -1.88 0.00	74.39 -4.50 0.00	93.40 -4.71 0.00	88.97 -3.90 0.00	73.88 -0.75 0.00	61.65 -0.62 0.00	48.43 -0.99 0.00	38.97 -0.92 0.00	33.07 -1.34 0.00
OH_GEN_PROXY 24063	29.35 -0.72 0.00	26.17 -0.70 0.00	25.27 -0.67 0.00	23.60 -0.88 0.00	23.55 -0.96 0.00	24.54 -0.58 0.00	26.40 -0.73 0.00	29.95 -1.31 0.00	31.34 -1.72 0.00	33.64 -0.55 0.00	36.77 -0.86 0.00	39.70 -1.10 0.00	44.68 -0.59 0.00	50.14 -0.87 0.00	55.47 -1.02 0.00	61.68 -0.88 0.00	75.65 -3.24 0.00	94.97 -3.14 0.00	90.37 -2.50 0.00	74.93 0.15 -0.16	62.25 0.12 0.16	49.17 -0.25 0.00	40.80 -0.40 -1.31	33.69 0.58 1.31
OLIN_CORP_DRP 24177	29.26 -0.81 0.00	26.14 -0.73 0.00	25.04 -0.91 0.00	23.55 -0.93 0.00	23.51 -1.00 0.00	24.52 -0.60 0.00	26.34 -0.79 0.00	29.88 -1.38 0.00	31.21 -1.85 0.00	32.76 -1.44 0.00	36.50 -1.13 0.00	39.58 -1.22 0.00	44.50 -0.77 0.00	49.88 -1.12 0.00	55.30 -1.19 0.00	61.31 -1.25 0.00	75.26 -3.63 0.00	94.48 -3.63 0.00	89.99 -2.88 0.00	74.70 0.07 0.00	62.34 0.06 0.00	48.97 -0.44 0.00	39.37 -0.52 0.00	33.38 -1.03 0.00
OLIN_CORP_DSASP 323712	28.99 -1.08 0.00	25.87 -0.99 0.00	24.98 -0.96 0.00	23.31 -1.17 0.00	23.26 -1.25 0.00	24.27 -0.85 0.00	26.07 -1.06 0.00	29.54 -1.72 0.00	30.88 -2.18 0.00	33.20 -0.99 0.00	36.31 -1.32 0.00	39.21 -1.59 0.00	44.09 -1.18 0.00	49.42 -1.58 0.00	54.73 -1.75 0.00	60.81 -1.75 0.00	74.47 -4.42 0.00	93.41 -4.71 0.00	88.98 -3.90 0.00	73.80 -0.82 0.00	61.59 -0.68 0.00	48.53 -0.89 0.00	38.97 -0.92 0.00	34.66 0.24 0.00
ONEIDA_HERK_LFGE 323681	30.89 0.63 -0.19	27.51 0.59 -0.06	26.46 0.49 -0.02	24.93 0.44 0.00	25.00 0.49 0.00	25.65 0.53 0.00	27.87 0.65 -0.09	32.06 0.56 -0.24	33.89 0.53 -0.30	35.18 0.65 -0.34	38.76 0.68 -0.45	42.11 0.74 -0.57	46.89 0.99 -0.63	52.95 1.17 -0.77	58.98 1.53 -0.97	65.59 1.82 -1.22	81.82 2.21 -0.72	103.47 3.23 -2.12	98.27 3.34 -2.06	78.98 2.84 -1.52	66.04 2.55 -1.20	51.98 1.88 -0.68	41.51 1.24 -0.39	35.57 0.89 -0.26
ONEIDA___115KV_TB4 55905	31.32 0.99 -0.26	27.83 0.89 -0.08	26.75 0.78 -0.03	25.20 0.71 0.00	25.25 0.74 0.00	25.93 0.80 0.00	28.18 0.92 -0.13	32.47 0.91 -0.31	34.31 0.86 -0.39	35.65 1.03 -0.44	39.35 1.13 -0.59	42.77 1.22 -0.75	47.72 1.63 -0.82	53.95 1.94 -1.00	60.11 2.37 -1.26	66.89 2.75 -1.58	84.46 3.39 -2.18	105.67 4.81 -2.75	100.38 4.83 -2.67	80.63 4.03 -1.97	67.39 3.55 -1.57	52.87 2.57 -0.88	42.19 1.79 -0.51	36.10 1.34 -0.34
ONONDAGA_REF_OCCRA 23987	30.48 -0.18 -0.59	26.89 -0.16 -0.19	25.78 -0.23 -0.07	24.26 -0.22 0.00	24.29 -0.22 0.00	24.92 -0.20 0.00	27.23 -0.19 -0.29	31.78 -0.16 -0.68	33.66 -0.26 -0.86	35.10 -0.07 -0.98	38.84 -0.11 -1.32	42.39 -0.08 -1.67	47.24 0.14 -1.84	53.51 0.26 -2.24	59.58 0.28 -2.82	66.53 0.44 -3.54	83.99 0.24 -4.86	104.76 0.49 -6.16	99.41 0.56 -5.98	79.78 0.75 -4.41	66.34 0.56 -3.50	51.74 0.35 -1.98	41.14 0.12 -1.13	35.14 -0.03 -0.76
ONONDAGA___COGEN 23986	30.98 0.03 -0.88	27.17 0.03 -0.27	25.99 -0.05 -0.10	24.44 -0.05 0.00	24.44 -0.07 0.00	25.10 -0.03 0.00	27.56 0.00 -0.43	32.32 0.06 -1.00	34.30 -0.03 -1.27	35.80 0.17 -1.43	39.57 0.00 -1.94	43.25 0.00 -2.45	48.19 0.23 -2.69	54.66 0.36 -3.29	61.01 0.40 -4.14	68.25 0.50 -5.19	86.42 0.39 -7.14	107.84 0.69 -9.04	102.39 0.74 -8.77	82.07 0.97 -6.48	68.16 0.75 -5.14	52.87 0.54 -2.90	41.87 0.32 -1.66	35.77 0.24 -1.12
ONTARIO___LFGE 23819	30.90 0.54 -0.29	27.38 0.43 -0.09	26.31 0.34 -0.03	24.68 0.19 0.00	24.68 0.17 0.00	25.52 0.40 0.00	27.76 0.49 -0.14	32.03 0.44 -0.33	33.75 0.26 -0.42	35.59 0.92 -0.48	39.07 0.79 -0.64	42.51 0.90 -0.81	47.61 1.45 -0.90	53.84 1.74 -1.10	59.89 2.03 -1.38	66.72 2.44 -1.73	83.31 2.05 -2.37	104.46 3.34 -3.01	99.32 3.53 -2.92	80.88 4.10 -2.15	67.35 3.36 -1.71	52.81 2.42 -0.97	41.99 1.55 -0.55	36.30 1.51 -0.37
ORANGEVILLE_WT_PWR 323706	30.22 0.15 0.00	26.94 0.08 0.00	25.97 0.03 0.00	24.29 -0.20 0.00	24.26 -0.25 0.00	25.22 0.10 0.00	27.19 0.05 0.00	31.01 -0.25 0.00	32.47 -0.59 0.00	34.67 0.48 0.00	37.86 0.23 0.00	40.96 0.16 0.00	46.08 0.82 0.00	51.77 0.77 0.00	57.38 0.90 0.00	63.87 1.32 0.00	78.73 -0.16 0.00	98.61 0.49 0.00	93.90 1.02 0.00	77.31 2.68 0.00	64.46 2.18 0.00	50.85 1.43 0.00	40.76 0.88 0.00	35.89 1.48 0.00
ORANGEVILLE___ESR 323794	30.22 0.15 0.00	26.94 0.08 0.00	25.97 0.03 0.00	24.29 -0.20 0.00	24.26 -0.25 0.00	25.22 0.10 0.00	27.19 0.05 0.00	31.01 -0.25 0.00	32.47 -0.59 0.00	34.67 0.48 0.00	37.86 0.23 0.00	40.96 0.16 0.00	46.08 0.82 0.00	51.77 0.77 0.00	57.38 0.90 0.00	63.87 1.32 0.00	78.73 -0.16 0.00	98.61 0.49 0.00	93.90 1.02 0.00	77.31 2.68 0.00	64.46 2.18 0.00	50.85 1.43 0.00	40.76 0.88 0.00	35.89 1.48 0.00
OSWEGATCHIE___HYD 24044	29.55 -0.81 -0.29	26.26 -0.70 -0.09	25.28 -0.70 -0.03	23.80 -0.69 0.00	23.87 -0.64 0.00	24.49 -0.63 0.00	26.62 -0.65 -0.14	30.85 -0.78 -0.38	32.68 -0.86 -0.47	33.63 -1.10 -0.54	37.19 -1.17 -0.72	40.49 -1.22 -0.92	44.87 -1.40 -1.01	50.56 -1.68 -1.23	56.34 -1.69 -1.55	62.44 -2.06 -1.94	70.47 -2.76 5.65	98.45 -3.04 -3.38	93.65 -2.50 -3.28	75.34 -1.71 -2.43	63.14 -1.06 -1.92	49.57 -0.94 -1.09	39.63 -0.88 -0.62	33.83 -1.00 -0.42
OSWEGO___5 23606	33.21 -0.54 -3.68	27.50 -0.51 -1.15	25.84 -0.52 -0.41	24.00 -0.49 0.00	23.99 -0.52 0.00	24.64 -0.48 0.00	28.40 -0.52 -1.79	35.21 -0.62 -4.57	38.11 -0.73 -5.78	40.18 -0.55 -6.54	45.78 -0.68 -8.82	51.23 -0.73 -11.16	56.88 -0.68 -12.29	65.31 -0.71 -15.02	74.55 -0.79 -18.86	85.41 -0.82 -23.67	110.18 -1.27 -32.56	137.96 -1.37 -41.22	131.67 -1.21 -40.01	103.48 -0.67 -29.53	85.14 -0.56 -23.42	62.16 -0.49 -13.24	46.95 -0.52 -7.58	39.13 -0.38 -5.09
OSWEGO___6 23613	33.21 -0.54 -3.68	27.50 -0.51 -1.15	25.84 -0.52 -0.41	24.00 -0.49 0.00	23.99 -0.52 0.00	24.64 -0.48 0.00	28.40 -0.52 -1.79	35.21 -0.62 -4.57	38.11 -0.73 -5.78	40.18 -0.55 -6.54	45.78 -0.68 -8.82	51.23 -0.73 -11.16	56.88 -0.68 -12.29	65.31 -0.71 -15.02	74.55 -0.79 -18.86	85.41 -0.82 -23.67	110.18 -1.27 -32.56	137.96 -1.37 -41.22	131.67 -1.21 -40.01	103.48 -0.67 -29.53	85.14 -0.56 -23.42	62.16 -0.49 -13.24	46.95 -0.52 -7.58	39.13 -0.38 -5.09

OUTOKUMPU-AB___DRP 24206	29.86 -0.21 0.00	26.65 -0.21 0.00	25.56 -0.39 0.00	24.02 -0.47 0.00	23.97 -0.54 0.00	25.00 -0.13 0.00	26.89 -0.24 0.00	30.57 -0.69 0.00	31.97 -1.09 0.00	33.58 -0.62 0.00	37.41 -0.23 0.00	40.55 -0.24 0.00	45.54 0.27 0.00	51.11 0.10 0.00	56.65 0.17 0.00	62.87 0.31 0.00	77.23 -1.66 0.00	96.84 -1.28 0.00	92.32 -0.56 0.00	76.64 2.01 0.00	63.83 1.56 0.00	50.11 0.69 0.00	40.33 0.44 0.00	34.17 -0.24 0.00
OXBOW___BTM 323836	29.53 -0.54 0.00	26.30 -0.57 0.00	25.40 -0.55 0.00	23.70 -0.78 0.00	23.65 -0.86 0.00	24.67 -0.45 0.00	26.53 -0.60 0.00	30.13 -1.12 0.00	31.51 -1.55 0.00	33.85 -0.34 0.00	36.99 -0.64 0.00	39.98 -0.82 0.00	44.90 -0.36 0.00	50.45 -0.56 0.00	55.86 -0.62 0.00	62.12 -0.43 0.00	76.21 -2.68 0.00	95.47 -2.64 0.00	91.02 -1.86 0.00	75.37 0.75 0.00	62.90 0.62 0.00	49.52 0.10 0.00	39.77 -0.12 0.00	35.31 0.89 0.00
OXBOW___ 24026	29.44 -0.63 0.00	26.30 -0.56 0.00	25.22 -0.73 0.00	23.70 -0.78 0.00	23.65 -0.86 0.00	24.67 -0.45 0.00	26.53 -0.60 0.00	30.13 -1.13 0.00	31.51 -1.55 0.00	33.06 -1.13 0.00	36.88 -0.75 0.00	39.98 -0.82 0.00	44.90 -0.36 0.00	50.39 -0.61 0.00	55.86 -0.62 0.00	62.00 -0.56 0.00	76.05 -2.84 0.00	95.46 -2.65 0.00	90.92 -1.95 0.00	75.52 0.90 0.00	62.90 0.62 0.00	49.42 0.00 0.00	39.77 -0.12 0.00	33.69 -0.72 0.00
OXY_CHEM_DSASP 323612	28.93 -1.14 0.00	25.87 -0.99 0.00	24.78 -1.17 0.00	23.31 -1.18 0.00	23.26 -1.25 0.00	24.27 -0.85 0.00	26.07 -1.06 0.00	29.54 -1.72 0.00	30.88 -2.18 0.00	32.41 -1.78 0.00	36.16 -1.47 0.00	39.21 -1.59 0.00	44.09 -1.18 0.00	49.37 -1.63 0.00	54.67 -1.81 0.00	60.68 -1.88 0.00	74.39 -4.50 0.00	93.40 -4.71 0.00	88.97 -3.90 0.00	73.88 -0.75 0.00	61.65 -0.62 0.00	48.43 -0.99 0.00	38.97 -0.92 0.00	33.07 -1.34 0.00
OZONE_PARK_ESR 323760	33.17 3.10 0.00	29.47 2.61 0.00	28.20 2.26 0.00	26.59 2.11 0.00	26.59 2.08 0.00	27.28 2.16 0.00	29.76 2.63 0.00	34.29 3.03 0.00	36.47 3.41 0.00	38.02 3.83 0.00	41.66 4.03 0.00	45.08 4.28 0.00	49.84 4.57 0.00	56.36 5.36 0.00	62.07 5.59 0.00	68.50 5.94 0.00	88.97 8.36 -1.72	108.79 9.71 -0.97	101.93 8.64 -0.42	80.74 6.12 0.00	68.30 4.92 -1.10	53.37 3.95 0.00	43.36 3.47 0.00	37.75 3.34 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.93 -1.14 0.00	25.87 -0.99 0.00	24.78 -1.17 0.00	23.31 -1.18 0.00	23.26 -1.25 0.00	24.27 -0.85 0.00	26.07 -1.06 0.00	29.54 -1.72 0.00	30.88 -2.18 0.00	32.41 -1.78 0.00	36.16 -1.47 0.00	39.21 -1.59 0.00	44.09 -1.18 0.00	49.37 -1.63 0.00	54.67 -1.81 0.00	60.68 -1.88 0.00	74.39 -4.50 0.00	93.40 -4.71 0.00	88.97 -3.90 0.00	73.88 -0.75 0.00	61.65 -0.62 0.00	48.43 -0.99 0.00	38.97 -0.92 0.00	33.07 -1.34 0.00
PACKARD___115KV_DUPONT_184 80571	28.93 -1.14 0.00	25.87 -0.99 0.00	24.78 -1.17 0.00	23.31 -1.18 0.00	23.26 -1.25 0.00	24.27 -0.85 0.00	26.07 -1.06 0.00	29.54 -1.72 0.00	30.88 -2.18 0.00	32.41 -1.78 0.00	36.16 -1.47 0.00	39.21 -1.59 0.00	44.09 -1.18 0.00	49.37 -1.63 0.00	54.67 -1.81 0.00	60.68 -1.88 0.00	74.39 -4.50 0.00	93.40 -4.71 0.00	88.97 -3.90 0.00	73.88 -0.75 0.00	61.65 -0.62 0.00	48.43 -0.99 0.00	38.97 -0.92 0.00	33.07 -1.34 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.96 2.89 -0.01	29.34 2.47 -0.01	28.16 2.21 -0.01	26.52 2.03 0.00	26.50 1.99 0.00	27.01 1.88 0.00	29.38 2.25 0.00	33.82 2.56 0.00	36.04 2.98 0.00	37.53 3.35 0.01	41.12 3.50 0.01	44.35 3.55 0.00	48.98 3.71 0.00	55.39 4.39 0.00	60.77 4.29 0.00	67.19 4.63 0.00	87.15 6.55 -1.72	106.44 7.36 -0.97	99.61 6.32 -0.42	78.80 4.18 0.00	67.05 3.67 -1.09	52.19 2.77 0.00	42.56 2.67 0.00	37.51 3.10 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.32 3.25 -0.01	29.67 2.79 -0.01	28.47 2.52 -0.01	26.76 2.28 0.00	26.76 2.25 0.00	27.33 2.21 0.00	29.71 2.58 0.00	34.23 2.97 0.00	36.44 3.37 0.00	37.95 3.76 0.01	41.54 3.91 0.01	44.80 4.00 0.00	49.48 4.21 0.00	55.95 4.95 0.00	61.40 4.91 0.00	67.88 5.32 0.00	88.18 7.57 -1.72	107.62 8.54 -0.97	100.72 7.43 -0.42	79.70 5.07 0.00	67.79 4.42 -1.09	52.78 3.36 0.00	43.04 3.15 0.00	37.93 3.51 0.00
PATROON___115KV_TB1 80586	31.03 0.96 0.00	27.78 0.91 0.00	26.85 0.91 0.00	25.37 0.88 0.00	25.39 0.88 0.00	26.00 0.88 0.00	28.00 0.87 0.00	32.10 0.84 0.00	33.92 0.86 0.00	35.25 1.06 0.00	38.72 1.09 0.00	42.02 1.22 0.00	46.49 1.22 0.00	52.43 1.43 0.00	58.12 1.64 0.00	64.56 2.00 0.00	83.33 2.76 -1.68	102.30 3.24 -0.95	97.70 3.16 -1.67	76.86 2.24 0.00	72.44 1.99 -8.17	51.00 1.58 0.00	41.20 1.32 0.00	35.62 1.20 0.00
PATTRSNVILLE___SOLAR 323815	31.57 1.50 0.00	28.23 1.37 0.00	27.24 1.30 0.00	25.71 1.22 0.00	25.73 1.22 0.00	26.38 1.26 0.00	28.46 1.33 0.00	32.60 1.34 0.00	34.45 1.39 0.00	35.66 1.47 0.00	39.21 1.58 0.00	42.51 1.71 0.00	47.35 2.08 0.00	53.40 2.40 0.00	59.14 2.66 0.00	65.75 3.19 0.00	87.27 4.10 -4.29	106.02 5.49 -2.41	101.22 5.76 -2.59	79.25 4.63 0.00	79.33 4.05 -13.01	52.53 3.12 0.00	42.20 2.31 0.00	36.27 1.86 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.07 0.00 0.00	26.86 0.00 0.00	25.74 -0.21 0.00	24.19 -0.29 0.00	24.17 -0.34 0.00	25.17 0.05 0.00	27.13 0.00 0.00	30.91 -0.34 0.00	32.40 -0.66 0.00	34.09 -0.10 0.00	37.86 0.23 0.00	41.09 0.29 0.00	46.31 1.04 0.00	52.03 1.02 0.00	57.72 1.24 0.00	64.12 1.56 0.00	79.12 0.24 0.00	99.09 0.98 0.00	94.36 1.49 0.00	77.98 3.36 0.00	64.83 2.55 0.00	50.85 1.43 0.00	40.76 0.88 0.00	34.69 0.28 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.65 2.59 0.00	29.07 2.20 0.00	27.92 1.97 0.00	26.32 1.84 0.00	26.35 1.84 0.00	27.03 1.91 0.00	29.38 2.25 0.00	33.82 2.56 0.00	35.97 2.91 0.00	37.58 3.39 0.00	41.24 3.61 0.00	44.63 3.84 0.00	49.52 4.26 0.00	56.01 5.00 0.00	61.85 5.37 0.00	68.69 6.13 0.00	88.80 8.36 -1.55	109.29 10.30 -0.87	102.16 9.29 0.00	81.19 6.57 0.00	68.84 5.42 -1.15	53.62 4.20 0.00	43.20 3.31 0.00	37.51 3.10 0.00
PEEKSKILL___ 23653	32.38 2.32 0.00	28.82 1.96 0.00	27.68 1.74 0.00	26.10 1.62 0.00	26.13 1.62 0.00	26.80 1.68 0.00	29.14 2.01 0.00	33.51 2.25 0.00	35.57 2.51 0.00	36.93 2.74 0.00	40.60 2.97 0.00	43.94 3.14 0.00	48.66 3.40 0.00	55.04 4.03 0.00	60.72 4.24 0.00	67.19 4.63 0.00	86.95 6.39 -1.67	106.61 7.56 -0.94	99.97 6.69 -0.41	79.25 4.63 0.00	67.10 3.74 -1.09	52.38 2.96 0.00	42.44 2.55 0.00	36.76 2.34 0.00
PGE MADISON___WINDPWR 24146	33.30 2.89 -0.34	29.55 2.58 -0.11	28.27 2.28 -0.04	26.57 2.08 0.00	26.64 2.13 0.00	27.46 2.34 0.00	29.96 2.66 -0.17	34.26 2.59 -0.41	36.00 2.41 -0.52	37.59 2.80 -0.59	41.33 3.06 -0.80	44.87 3.06 -1.01	50.36 3.98 -1.11	57.01 4.64 -1.36	63.84 5.65 -1.71	71.33 6.63 -2.14	90.12 8.28 -2.95	113.71 11.87 -3.73	108.48 11.99 -3.62	87.52 10.22 -2.67	73.96 8.84 -2.85	57.14 6.52 -1.20	45.16 4.59 -0.69	38.59 3.72 -0.46

PIERCEFIELD___HYD 23852	28.83 -1.38 -0.15	25.67 -1.24 -0.05	24.82 -1.14 -0.02	23.38 -1.10 0.00	23.43 -1.08 0.00	23.99 -1.13 0.00	26.01 -1.19 -0.07	30.17 -1.28 -0.19	31.98 -1.32 -0.24	32.79 -1.68 -0.27	36.27 -1.73 -0.37	39.39 -1.88 -0.47	43.47 -2.31 -0.52	48.78 -2.86 -0.63	54.23 -3.05 -0.79	59.74 -3.82 -1.00	62.65 -5.05 11.19	93.66 -6.18 -1.73	88.70 -5.85 -1.68	71.46 -4.40 -1.24	59.90 -3.36 -0.99	47.31 -2.67 -0.56	38.21 -1.99 -0.32	32.81 -1.82 -0.21
PINELAWN_CC_1 323563	37.48 3.19 -4.23	36.04 2.71 -6.46	35.08 2.47 -6.67	31.86 2.30 -5.07	31.41 2.28 -4.62	33.43 2.39 -5.92	33.45 2.52 -3.79	35.55 2.81 -1.48	36.93 3.08 -0.79	38.02 3.14 -0.69	42.32 3.61 -1.08	50.98 3.92 -6.27	57.03 4.21 -7.55	65.96 5.00 -9.95	72.24 5.31 -10.45	85.31 5.88 -16.87	104.21 8.20 -17.12	116.47 9.33 -9.03	114.95 8.45 -13.63	84.76 6.04 -4.09	72.27 4.73 -5.26	56.15 3.81 -2.93	45.16 3.35 -1.92	40.23 3.34 -2.48
PJM_GEN_HTTP_PROXY 323702	32.78 2.71 0.00	29.12 2.26 0.00	27.92 1.97 0.00	26.30 1.81 0.00	26.32 1.81 0.00	27.01 1.89 0.00	29.44 2.30 0.00	33.88 2.63 0.00	36.04 2.98 0.00	37.41 3.21 0.00	41.09 3.46 0.00	44.51 3.71 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.34 4.86 0.00	67.69 5.13 0.00	87.78 7.18 -1.72	107.42 8.33 -0.97	100.54 7.25 -0.42	79.86 5.08 -0.16	67.21 3.99 -0.94	52.63 3.21 0.00	44.11 2.91 -1.31	35.76 2.65 1.31
PJM_GEN_KEystone 24065	31.03 0.96 0.00	27.67 0.81 0.00	26.59 0.65 0.00	25.00 0.52 0.00	25.00 0.49 0.00	25.80 0.68 0.00	27.94 0.81 0.00	32.01 0.75 0.00	33.79 0.73 0.00	35.44 1.27 0.02	38.80 1.28 0.12	41.73 1.27 0.34	46.32 1.68 0.62	51.87 1.94 1.08	57.08 2.03 1.43	63.11 2.32 1.76	80.49 2.52 0.92	99.90 3.23 1.45	93.91 2.97 1.94	75.51 2.68 1.80	63.16 2.12 1.24	50.04 1.53 0.91	42.14 1.24 -1.02	34.59 1.48 1.31
PJM_GEN_NEPTUNE_PROXY 323594	35.10 2.76 -2.27	32.69 2.36 -3.47	31.65 2.13 -3.58	29.19 1.98 -2.72	28.95 1.96 -2.48	30.36 2.06 -3.18	31.58 2.41 -2.04	34.77 2.72 -0.80	36.53 3.04 -0.42	37.70 3.14 -0.37	41.74 3.54 -0.57	46.98 3.80 -2.39	52.19 4.12 -2.80	58.55 4.85 -2.69	64.38 5.14 -2.75	73.93 5.51 -5.87	91.43 7.57 -4.97	107.91 8.83 -0.97	101.28 7.99 -0.42	80.45 5.67 -0.16	67.71 4.49 -0.94	54.57 3.66 -1.49	45.34 3.11 -2.34	37.26 2.82 -0.02
PJM_GEN_VFT_PROXY 323633	32.68 2.61 0.00	29.01 2.15 0.00	27.79 1.84 0.00	26.17 1.69 0.00	26.20 1.76 0.00	26.88 1.76 0.00	29.33 2.20 0.00	33.79 2.53 0.00	35.91 2.84 0.00	36.99 3.04 0.24	39.26 3.27 1.64	39.47 3.51 4.84	39.98 3.62 8.91	39.93 4.29 15.36	40.43 4.41 20.46	41.98 4.63 25.21	61.51 6.63 24.01	78.87 7.56 26.80	72.09 6.50 27.28	51.36 4.48 27.75	41.42 3.49 24.34	39.30 2.87 12.98	39.67 2.67 2.89	35.55 2.44 1.31
PLATSBURG_115KV_PMLD1 355749	29.80 -0.27 0.00	26.62 -0.24 0.00	25.79 -0.16 0.00	24.31 -0.17 0.00	24.39 -0.12 0.00	25.02 -0.10 0.00	27.08 -0.05 0.00	31.41 0.16 0.00	33.33 0.26 0.00	34.19 0.00 0.00	37.71 0.08 0.00	40.92 0.12 0.00	44.13 -1.13 0.00	48.61 -2.40 0.00	53.88 -2.60 0.00	59.12 -3.44 0.00	58.93 -4.18 15.77	92.91 -5.20 0.01	88.04 -4.83 0.01	71.19 -3.43 0.00	59.66 -2.62 0.00	47.79 -1.63 0.00	39.69 -0.20 0.00	34.11 -0.31 0.00
PLEASANTVLY___LBMP 24000	32.08 2.01 0.00	28.61 1.75 0.00	27.53 1.58 0.00	25.95 1.47 0.00	25.98 1.47 0.00	26.63 1.51 0.00	28.89 1.76 0.00	33.19 1.94 0.00	35.25 2.18 0.00	36.69 2.50 0.00	40.19 2.56 0.00	43.49 2.69 0.00	48.21 2.94 0.00	54.47 3.47 0.00	60.15 3.67 0.00	66.62 4.07 0.00	86.50 5.60 -2.01	105.82 6.57 -1.13	99.23 5.85 -0.51	78.73 4.10 0.00	66.82 3.36 -1.18	52.09 2.67 0.00	42.16 2.27 0.00	36.65 2.24 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.47 2.41 0.00	28.93 2.07 0.00	27.79 1.84 0.00	26.20 1.71 0.00	26.23 1.72 0.00	26.91 1.78 0.00	29.25 2.12 0.00	33.66 2.41 0.00	35.77 2.71 0.00	37.27 3.08 0.00	40.83 3.20 0.00	44.19 3.39 0.00	48.93 3.67 0.00	55.34 4.34 0.00	61.06 4.58 0.00	67.56 5.00 0.00	87.49 6.86 -1.74	107.24 8.14 -0.98	100.45 7.15 -0.42	79.70 5.07 0.00	67.50 4.11 -1.11	52.68 3.26 0.00	42.64 2.75 0.00	37.10 2.68 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.47 2.41 0.00	28.93 2.07 0.00	27.79 1.84 0.00	26.20 1.71 0.00	26.23 1.72 0.00	26.91 1.78 0.00	29.25 2.12 0.00	33.66 2.41 0.00	35.77 2.71 0.00	37.27 3.08 0.00	40.83 3.20 0.00	44.19 3.39 0.00	48.93 3.67 0.00	55.34 4.34 0.00	61.06 4.58 0.00	67.56 5.00 0.00	87.49 6.86 -1.74	107.24 8.14 -0.98	100.45 7.15 -0.42	79.70 5.07 0.00	67.50 4.11 -1.11	52.68 3.26 0.00	42.64 2.75 0.00	37.10 2.68 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.35 2.29 0.00	28.83 1.96 0.00	27.73 1.79 0.00	26.15 1.66 0.00	26.15 1.64 0.00	26.80 1.68 0.00	29.08 1.95 0.00	33.26 2.00 0.00	35.34 2.28 0.00	36.86 2.67 0.00	40.42 2.78 0.00	43.74 2.94 0.00	48.71 3.44 0.00	55.04 4.03 0.00	60.83 4.35 0.00	67.38 4.82 0.00	87.19 6.71 -1.59	107.15 8.14 -0.90	100.68 7.34 -0.47	79.85 5.22 0.00	67.77 4.23 -1.26	52.78 3.36 0.00	42.56 2.67 0.00	36.96 2.55 0.00
POLETTI_____ 23519	32.74 2.68 0.00	29.12 2.26 0.00	27.89 1.95 0.00	26.30 1.81 0.00	26.30 1.79 0.00	26.98 1.86 0.00	29.41 2.28 0.00	33.88 2.63 0.00	36.04 2.98 0.00	37.54 3.35 0.00	41.09 3.46 0.00	44.47 3.67 0.00	49.16 3.89 0.00	55.60 4.59 0.00	61.23 4.74 0.00	67.56 5.00 0.00	87.63 7.02 -1.72	107.22 8.14 -0.97	100.35 7.06 -0.42	79.47 4.85 0.00	67.24 3.86 -1.10	52.58 3.16 0.00	42.76 2.87 0.00	37.27 2.86 0.00
POMONA___ESR 323819	32.29 2.22 0.00	28.82 1.96 0.00	27.66 1.71 0.00	26.08 1.59 0.00	26.10 1.59 0.00	26.78 1.66 0.00	29.09 1.95 0.00	33.35 2.09 0.00	35.41 2.35 0.00	36.76 2.57 0.00	40.38 2.75 0.00	43.70 2.90 0.00	48.53 3.26 0.00	54.88 3.87 0.00	60.55 4.07 0.00	67.00 4.44 0.00	86.65 6.23 -1.54	106.24 7.26 -0.87	99.28 6.40 0.00	79.03 4.40 0.00	66.81 3.49 -1.05	52.19 2.77 0.00	42.24 2.35 0.00	36.58 2.17 0.00
PORT_JEFF_3 23555	37.45 3.16 -4.23	36.01 2.69 -6.46	35.03 2.41 -6.67	31.81 2.25 -5.07	31.38 2.25 -4.62	33.40 2.36 -5.92	33.69 2.77 -3.79	35.86 3.13 -1.48	37.39 3.54 -0.79	38.40 3.52 -0.69	42.71 3.99 -1.09	77.26 4.20 -32.26	90.59 4.57 -40.75	136.80 5.30 -80.49	148.33 5.48 -86.37	170.25 5.95 -101.75	237.72 8.20 -150.63	231.89 9.51 -124.26	303.97 8.73 -202.37	143.50 6.34 -62.54	132.20 5.23 -64.69	58.54 4.20 -4.92	45.24 3.43 -1.92	40.10 3.20 -2.48
PORT_JEFF_4 23616	37.45 3.16 -4.23	36.01 2.69 -6.46	35.03 2.41 -6.67	31.81 2.25 -5.07	31.38 2.25 -4.62	33.40 2.36 -5.92	33.69 2.77 -3.79	35.86 3.13 -1.48	37.39 3.54 -0.79	38.40 3.52 -0.69	42.71 3.99 -1.09	77.26 4.20 -32.26	90.59 4.57 -40.75	136.80 5.30 -80.49	148.33 5.48 -86.37	170.25 5.95 -101.75	237.72 8.20 -150.63	231.89 9.51 -124.26	303.97 8.73 -202.37	143.50 6.34 -62.54	132.20 5.23 -64.69	58.54 4.20 -4.92	45.24 3.43 -1.92	40.10 3.20 -2.48

PORT_JEFF_IC 23713	37.51 3.22 -4.23	36.06 2.74 -6.46	35.08 2.46 -6.67	31.86 2.30 -5.07	31.43 2.30 -4.62	33.45 2.41 -5.92	33.75 2.82 -3.79	35.96 3.22 -1.48	37.46 3.60 -0.79	38.88 4.00 -0.69	42.86 4.14 -1.09	81.55 4.24 -36.51	96.02 4.57 -46.18	148.44 5.41 -92.03	160.92 5.65 -98.79	184.38 6.19 -115.63	259.71 8.36 -172.46	251.03 9.81 -143.11	335.21 9.10 -233.24	153.21 6.49 -72.10	142.04 5.36 -74.41	58.92 4.25 -5.25	45.40 3.59 -1.92	40.40 3.51 -2.48
PPL PILGRIM_ST_GT1 24216	37.60 3.31 -4.23	36.17 2.85 -6.46	35.18 2.57 -6.67	31.98 2.42 -5.07	31.55 2.43 -4.62	33.55 2.51 -5.92	33.86 2.93 -3.79	36.05 3.31 -1.48	37.52 3.67 -0.79	38.57 3.69 -0.69	43.11 4.29 -1.19	55.48 4.53 -10.15	62.58 4.80 -12.52	76.91 5.40 -20.50	84.10 5.82 -21.80	98.51 6.38 -29.56	124.73 8.76 -37.09	134.68 10.30 -26.26	144.10 9.38 -41.85	94.24 6.79 -12.83	81.72 5.29 -14.15	56.94 4.30 -3.22	45.67 3.83 -1.95	40.40 3.47 -2.51
PPL PILGRIM_ST_GT2 24217	37.60 3.31 -4.23	36.17 2.85 -6.46	35.18 2.57 -6.67	31.98 2.42 -5.07	31.55 2.43 -4.62	33.55 2.51 -5.92	33.86 2.93 -3.79	36.05 3.31 -1.48	37.52 3.67 -0.79	38.57 3.69 -0.69	43.11 4.29 -1.19	55.48 4.53 -10.15	62.58 4.80 -12.52	76.91 5.40 -20.50	84.10 5.82 -21.80	98.51 6.38 -29.56	124.73 8.76 -37.09	134.68 10.30 -26.26	144.10 9.38 -41.85	94.24 6.79 -12.83	81.72 5.29 -14.15	56.94 4.30 -3.22	45.67 3.83 -1.95	40.40 3.47 -2.51
PPL_SHRM_GT3 24213	37.45 3.16 -4.23	35.93 2.61 -6.46	34.92 2.31 -6.67	31.74 2.18 -5.07	31.31 2.18 -4.62	33.33 2.29 -5.92	33.64 2.71 -3.79	35.83 3.10 -1.48	37.35 3.50 -0.79	38.50 3.62 -0.69	42.98 4.25 -1.09	78.38 4.73 -32.85	91.93 5.16 -41.51	139.17 6.07 -82.09	151.07 6.49 -88.10	173.43 7.19 -103.68	242.33 9.78 -153.66	236.27 11.28 -126.88	310.21 10.68 -206.66	146.25 7.76 -63.87	134.42 6.11 -66.04	59.28 4.89 -4.96	45.56 3.75 -1.92	40.30 3.41 -2.48
PPL_SHRM_GT4 24214	37.45 3.16 -4.23	35.93 2.61 -6.46	34.92 2.31 -6.67	31.74 2.18 -5.07	31.31 2.18 -4.62	33.33 2.29 -5.92	33.64 2.71 -3.79	35.83 3.10 -1.48	37.35 3.50 -0.79	38.50 3.62 -0.69	42.98 4.25 -1.09	78.38 4.73 -32.85	91.93 5.16 -41.51	139.17 6.07 -82.09	151.07 6.49 -88.10	173.43 7.19 -103.68	242.33 9.78 -153.66	236.27 11.28 -126.88	310.21 10.68 -206.66	146.25 7.76 -63.87	134.42 6.11 -66.04	59.28 4.89 -4.96	45.56 3.75 -1.92	40.30 3.41 -2.48
PROJECT___ORANGE 1 24174	30.43 -0.12 -0.48	26.91 -0.11 -0.15	25.82 -0.18 -0.05	24.31 -0.17 0.00	24.34 -0.17 0.00	25.00 -0.13 0.00	27.26 -0.11 -0.23	31.69 -0.13 -0.55	33.53 -0.23 -0.70	34.95 -0.03 -0.79	38.66 -0.04 -1.07	42.15 0.00 -1.35	46.98 0.23 -1.49	53.18 0.36 -1.82	59.22 0.45 -2.28	65.99 0.56 -2.86	83.22 0.39 -3.94	103.89 0.78 -4.99	98.46 0.74 -4.84	79.17 0.97 -3.57	65.86 0.75 -2.83	51.52 0.49 -1.60	41.04 0.24 -0.92	35.07 0.03 -0.62
PROJECT___ORANGE 2 24166	30.43 -0.12 -0.48	26.91 -0.11 -0.15	25.82 -0.18 -0.05	24.31 -0.17 0.00	24.34 -0.17 0.00	25.00 -0.13 0.00	27.26 -0.11 -0.23	31.69 -0.13 -0.55	33.53 -0.23 -0.70	34.95 -0.03 -0.79	38.66 -0.04 -1.07	42.15 0.00 -1.35	46.98 0.23 -1.49	53.18 0.36 -1.82	59.22 0.45 -2.28	65.99 0.56 -2.86	83.22 0.39 -3.94	103.89 0.78 -4.99	98.46 0.74 -4.84	79.17 0.97 -3.57	65.86 0.75 -2.83	51.52 0.49 -1.60	41.04 0.24 -0.92	35.07 0.03 -0.62
PUCKETT___SOLAR 323809	31.43 1.05 -0.31	27.90 0.94 -0.10	26.78 0.81 -0.04	25.22 0.73 0.00	25.24 0.73 0.00	25.98 0.85 0.00	28.23 0.95 -0.15	32.58 0.94 -0.39	34.38 0.83 -0.49	35.87 1.13 -0.55	39.47 1.09 -0.74	42.84 1.10 -0.94	47.79 1.49 -1.04	54.01 1.74 -1.27	60.16 2.09 -1.59	67.12 2.57 -1.99	84.55 2.92 -2.74	105.90 4.31 -3.47	100.79 4.55 -3.37	81.29 4.18 -2.49	68.46 3.61 -2.58	53.20 2.67 -1.12	42.44 1.91 -0.64	36.53 1.69 -0.43
PYRITES___HYD 24023	29.33 -0.87 -0.14	26.15 -0.75 -0.04	25.26 -0.70 -0.02	23.80 -0.69 0.00	23.87 -0.64 0.00	24.47 -0.65 0.00	26.55 -0.65 -0.07	30.72 -0.72 -0.18	32.56 -0.73 -0.22	33.32 -1.13 -0.25	36.84 -1.13 -0.34	40.05 -1.18 -0.43	44.25 -1.49 -0.48	49.70 -1.89 -0.58	55.35 -1.86 -0.73	60.91 -2.56 -0.92	63.69 -3.55 11.65	95.48 -4.22 -1.59	90.61 -3.81 -1.54	73.08 -2.69 -1.14	61.38 -1.81 -0.91	48.45 -1.48 -0.51	38.98 -1.20 -0.29	33.41 -1.20 -0.20
QUAKERRD_115KV_BK1 80622	29.41 -0.66 0.00	26.25 -0.62 0.00	25.22 -0.73 0.00	23.75 -0.73 0.00	23.75 -0.76 0.00	24.54 -0.58 0.00	26.48 -0.65 0.00	30.41 -0.84 0.00	32.01 -1.06 0.00	33.37 -0.82 0.00	36.99 -0.64 0.00	40.19 -0.61 0.00	44.99 -0.27 0.00	50.75 -0.26 0.00	56.20 -0.28 0.00	62.37 -0.19 0.00	77.63 -1.26 0.00	97.33 -0.78 0.00	92.32 -0.56 0.00	75.37 0.75 0.00	62.84 0.56 0.00	49.57 0.15 0.00	39.77 -0.12 0.00	33.86 -0.55 0.00
QUENSBRY_115KV_TB8 356137	31.99 1.92 0.00	28.64 1.77 0.00	27.55 1.61 0.00	25.93 1.44 0.00	25.96 1.45 0.00	26.65 1.53 0.00	28.81 1.68 0.00	33.04 1.78 0.00	34.95 1.88 0.00	36.31 2.12 0.00	39.66 2.03 0.00	43.13 2.33 0.00	48.16 2.90 0.00	54.07 3.06 0.00	59.93 3.45 0.00	66.94 4.38 0.00	91.91 5.68 -7.35	109.81 7.55 -4.14	105.50 8.45 -4.17	81.56 6.94 0.00	80.96 6.29 -12.39	54.21 4.79 0.00	43.12 3.23 0.00	37.07 2.65 0.00
RAMAPO___LBMP 323565	32.14 2.07 0.00	28.69 1.83 0.00	27.55 1.61 0.00	25.98 1.49 0.00	26.01 1.50 0.00	26.65 1.53 0.00	28.98 1.84 0.00	33.26 2.00 0.00	35.31 2.25 0.00	36.79 2.60 0.00	40.27 2.63 0.00	43.57 2.77 0.00	48.30 3.03 0.00	54.63 3.62 0.00	60.32 3.84 0.00	66.69 4.13 0.00	86.17 5.76 -1.52	105.74 6.77 -0.86	98.82 5.94 0.00	78.65 4.03 0.00	66.56 3.24 -1.04	51.99 2.57 0.00	42.12 2.23 0.00	36.69 2.27 0.00
RANKINE____ 23646	30.07 0.00 0.00	26.86 0.00 0.00	25.74 -0.21 0.00	24.19 -0.29 0.00	24.17 -0.34 0.00	25.17 0.05 0.00	27.10 -0.03 0.00	30.88 -0.38 0.00	32.30 -0.76 0.00	33.99 -0.21 0.00	37.78 0.15 0.00	41.00 0.20 0.00	46.17 0.91 0.00	51.87 0.87 0.00	57.50 1.02 0.00	63.87 1.31 0.00	78.65 -0.24 0.00	98.51 0.39 0.00	93.89 1.02 0.00	77.68 3.06 0.00	64.64 2.37 0.00	50.80 1.38 0.00	40.72 0.84 0.00	34.59 0.17 0.00
RAVENSWOOD_GT2_1 24244	32.80 2.74 0.00	29.17 2.31 0.00	27.94 2.00 0.00	26.35 1.86 0.00	26.37 1.86 0.00	27.03 1.91 0.00	29.46 2.33 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.58 3.39 0.00	41.17 3.54 0.00	44.51 3.71 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.28 4.80 0.00	67.56 5.00 0.00	87.63 7.02 -1.72	107.22 8.14 -0.97	100.35 7.06 -0.42	79.47 4.85 0.00	67.36 3.99 -1.10	52.68 3.26 0.00	42.84 2.95 0.00	37.34 2.93 0.00
RAVENSWOOD_GT2_2 24245	32.80 2.74 0.00	29.17 2.31 0.00	27.94 2.00 0.00	26.35 1.86 0.00	26.37 1.86 0.00	27.03 1.91 0.00	29.46 2.33 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.58 3.39 0.00	41.17 3.54 0.00	44.51 3.71 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.28 4.80 0.00	67.56 5.00 0.00	87.63 7.02 -1.72	107.22 8.14 -0.97	100.35 7.06 -0.42	79.47 4.85 0.00	67.36 3.99 -1.10	52.68 3.26 0.00	42.84 2.95 0.00	37.34 2.93 0.00



RAVENSWOOD_GT2_3 24246	32.83 2.77 0.00	29.17 2.31 0.00	27.97 2.02 0.00	26.37 1.89 0.00	26.37 1.86 0.00	27.06 1.93 0.00	29.46 2.33 0.00	33.94 2.69 0.00	36.10 3.04 0.00	37.61 3.42 0.00	41.21 3.58 0.00	44.55 3.75 0.00	49.20 3.94 0.00	55.70 4.69 0.00	61.28 4.80 0.00	67.63 5.07 0.00	87.71 7.10 -1.72	107.32 8.24 -0.97	100.44 7.15 -0.42	79.55 4.93 0.00	67.36 3.99 -1.10	52.68 3.26 0.00	42.84 2.95 0.00	37.38 2.96 0.00
RAVENSWOOD_GT2_4 24247	32.83 2.77 0.00	29.17 2.31 0.00	27.97 2.02 0.00	26.37 1.89 0.00	26.37 1.86 0.00	27.06 1.93 0.00	29.46 2.33 0.00	33.94 2.69 0.00	36.10 3.04 0.00	37.61 3.42 0.00	41.21 3.58 0.00	44.55 3.75 0.00	49.20 3.94 0.00	55.70 4.69 0.00	61.28 4.80 0.00	67.63 5.07 0.00	87.71 7.10 -1.72	107.32 8.24 -0.97	100.44 7.15 -0.42	79.55 4.93 0.00	67.36 3.99 -1.10	52.68 3.26 0.00	42.84 2.95 0.00	37.38 2.96 0.00
RAVENSWOOD_GT3_1 24248	32.80 2.74 0.00	29.17 2.31 0.00	27.94 2.00 0.00	26.35 1.86 0.00	26.37 1.86 0.00	27.03 1.91 0.00	29.46 2.33 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.58 3.39 0.00	41.17 3.54 0.00	44.51 3.71 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.28 4.80 0.00	67.56 5.00 0.00	87.71 7.10 -1.72	107.22 8.14 -0.97	100.35 7.06 -0.42	79.47 4.85 0.00	67.36 3.99 -1.10	52.68 3.26 0.00	42.84 2.95 0.00	37.34 2.93 0.00
RAVENSWOOD_GT3_2 24249	32.80 2.74 0.00	29.17 2.31 0.00	27.94 2.00 0.00	26.35 1.86 0.00	26.37 1.86 0.00	27.03 1.91 0.00	29.46 2.33 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.58 3.39 0.00	41.17 3.54 0.00	44.51 3.71 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.28 4.80 0.00	67.56 5.00 0.00	87.71 7.10 -1.72	107.22 8.14 -0.97	100.35 7.06 -0.42	79.47 4.85 0.00	67.36 3.99 -1.10	52.68 3.26 0.00	42.84 2.95 0.00	37.34 2.93 0.00
RAVENSWOOD_GT3_3 24250	32.86 2.80 0.00	29.23 2.36 0.00	27.99 2.05 0.00	26.39 1.91 0.00	26.40 1.89 0.00	27.08 1.96 0.00	29.52 2.39 0.00	33.98 2.72 0.00	36.14 3.07 0.00	37.65 3.45 0.00	41.24 3.61 0.00	44.63 3.84 0.00	49.30 4.03 0.00	55.75 4.74 0.00	61.40 4.91 0.00	67.75 5.19 0.00	87.86 7.26 -1.72	107.42 8.34 -0.97	100.63 7.34 -0.42	79.70 5.07 0.00	67.49 4.11 -1.10	52.78 3.36 0.00	42.92 3.03 0.00	37.41 2.99 0.00
RAVENSWOOD_GT3_4 24251	32.86 2.80 0.00	29.23 2.36 0.00	27.99 2.05 0.00	26.39 1.91 0.00	26.40 1.89 0.00	27.08 1.96 0.00	29.52 2.39 0.00	33.98 2.72 0.00	36.14 3.07 0.00	37.65 3.45 0.00	41.24 3.61 0.00	44.63 3.84 0.00	49.30 4.03 0.00	55.75 4.74 0.00	61.40 4.91 0.00	67.75 5.19 0.00	87.86 7.26 -1.72	107.42 8.34 -0.97	100.63 7.34 -0.42	79.70 5.07 0.00	67.49 4.11 -1.10	52.78 3.36 0.00	42.92 3.03 0.00	37.41 2.99 0.00
RAVENSWOOD_GT_1 23729	32.98 2.89 -0.02	29.32 2.44 -0.01	28.08 2.13 -0.01	26.47 1.98 0.00	26.47 1.96 0.00	27.08 1.96 0.00	29.55 2.41 0.00	34.04 2.78 0.00	36.24 3.17 0.00	41.07 3.56 -3.32	42.46 3.73 -1.10	44.59 3.79 0.00	49.25 3.98 0.00	55.70 4.69 0.00	61.17 4.69 0.00	68.45 5.00 -0.89	87.71 7.10 -1.73	107.13 8.05 -0.97	100.26 6.97 -0.42	79.25 4.63 0.00	67.31 3.92 -1.11	52.53 3.11 0.00	42.80 2.91 0.00	37.51 3.10 0.00
RAVENSWOOD_GT_10 24258	32.80 2.74 0.00	29.17 2.31 0.00	27.94 2.00 0.00	26.35 1.86 0.00	26.37 1.86 0.00	27.03 1.91 0.00	29.46 2.33 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.41 3.39 0.17	41.11 3.54 0.05	44.51 3.71 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.28 4.80 0.00	67.56 5.00 0.00	87.71 7.10 -1.72	107.22 8.14 -0.97	100.44 7.15 -0.42	79.55 4.93 0.00	67.36 3.99 -1.10	52.68 3.26 0.00	42.84 2.95 0.00	37.34 2.93 0.00
RAVENSWOOD_GT_11 24259	32.80 2.74 0.00	29.17 2.31 0.00	27.94 2.00 0.00	26.35 1.86 0.00	26.37 1.86 0.00	27.03 1.91 0.00	29.46 2.33 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.41 3.39 0.17	41.11 3.54 0.05	44.51 3.71 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.28 4.80 0.00	67.56 5.00 0.00	87.71 7.10 -1.72	107.22 8.14 -0.97	100.44 7.15 -0.42	79.55 4.93 0.00	67.36 3.99 -1.10	52.68 3.26 0.00	42.84 2.95 0.00	37.34 2.93 0.00
RAVENSWOOD_GT_4 24252	32.78 2.71 -0.01	29.14 2.28 0.01	27.94 2.00 0.01	26.32 1.84 0.00	26.35 1.84 0.00	27.03 1.91 0.00	29.46 2.33 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.55 3.35 -0.01	41.14 3.50 -0.01	44.51 3.71 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.34 4.86 0.00	68.30 5.07 -0.68	87.71 7.10 -1.72	107.32 8.24 -0.97	100.44 7.15 -0.42	79.55 4.93 0.00	67.37 3.99 -1.10	52.73 3.31 0.00	42.84 2.95 0.00	37.31 2.89 0.00
RAVENSWOOD_GT_5 24254	32.78 2.71 -0.01	29.14 2.28 0.01	27.94 2.00 0.01	26.32 1.84 0.00	26.35 1.84 0.00	27.03 1.91 0.00	29.46 2.33 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.55 3.35 -0.01	41.14 3.50 -0.01	44.51 3.71 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.34 4.86 0.00	68.30 5.07 -0.68	87.71 7.10 -1.72	107.32 8.24 -0.97	100.44 7.15 -0.42	79.55 4.93 0.00	67.37 3.99 -1.10	52.73 3.31 0.00	42.84 2.95 0.00	37.31 2.89 0.00
RAVENSWOOD_GT_6 24253	32.78 2.71 -0.01	29.14 2.28 0.01	27.94 2.00 0.01	26.32 1.84 0.00	26.35 1.84 0.00	27.03 1.91 0.00	29.46 2.33 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.55 3.35 -0.01	41.14 3.50 -0.01	44.51 3.71 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.34 4.86 0.00	68.30 5.07 -0.68	87.71 7.10 -1.72	107.32 8.24 -0.97	100.44 7.15 -0.42	79.55 4.93 0.00	67.37 3.99 -1.10	52.73 3.31 0.00	42.84 2.95 0.00	37.31 2.89 0.00
RAVENSWOOD_GT_7 24255	32.78 2.71 -0.01	29.14 2.28 0.01	27.94 2.00 0.01	26.32 1.84 0.00	26.35 1.84 0.00	27.03 1.91 0.00	29.46 2.33 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.55 3.35 -0.01	41.14 3.50 -0.01	44.51 3.71 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.34 4.86 0.00	68.30 5.07 -0.68	87.71 7.10 -1.72	107.32 8.24 -0.97	100.44 7.15 -0.42	79.55 4.93 0.00	67.37 3.99 -1.10	52.73 3.31 0.00	42.84 2.95 0.00	37.31 2.89 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.80 2.74 0.00	29.17 2.31 0.00	27.94 2.00 0.00	26.35 1.86 0.00	26.37 1.86 0.00	27.03 1.91 0.00	29.46 2.33 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.41 3.39 0.17	41.11 3.54 0.05	44.51 3.71 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.28 4.80 0.00	67.56 5.00 0.00	87.71 7.10 -1.72	107.22 8.14 -0.97	100.44 7.15 -0.42	79.55 4.93 0.00	67.36 3.99 -1.10	52.68 3.26 0.00	42.84 2.95 0.00	37.34 2.93 0.00
RAVENSWOOD_GT_9 24257	32.80 2.74 0.00	29.17 2.31 0.00	27.94 2.00 0.00	26.35 1.86 0.00	26.37 1.86 0.00	27.03 1.91 0.00	29.46 2.33 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.41 3.39 0.17	41.11 3.54 0.05	44.51 3.71 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.28 4.80 0.00	67.56 5.00 0.00	87.71 7.10 -1.72	107.22 8.14 -0.97	100.44 7.15 -0.42	79.55 4.93 0.00	67.36 3.99 -1.10	52.68 3.26 0.00	42.84 2.95 0.00	37.34 2.93 0.00

RAVENSWOOD___1 23533	32.96 2.89 -0.01	29.29 2.42 -0.01	28.08 2.13 -0.01	26.44 1.96 0.00	26.45 1.94 0.00	27.06 1.93 0.00	29.52 2.39 0.00	34.01 2.75 0.00	36.21 3.14 0.00	39.26 3.42 -1.65	41.87 3.69 -0.54	44.59 3.80 0.00	49.25 3.98 0.00	55.70 4.69 0.00	61.11 4.63 0.00	67.57 5.01 0.00	87.62 7.02 -1.72	107.02 7.94 -0.97	100.16 6.87 -0.42	79.25 4.63 0.00	67.17 3.80 -1.09	52.48 3.07 0.00	42.76 2.87 0.00	37.27 2.85 0.00
RAVENSWOOD___2 23534	32.96 2.89 -0.01	29.29 2.42 -0.01	28.05 2.10 -0.01	26.42 1.93 0.00	26.45 1.94 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.97 2.72 0.00	36.21 3.14 0.00	39.22 3.39 -1.64	41.86 3.69 -0.54	44.55 3.75 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.11 4.63 0.00	67.50 4.94 0.00	87.62 7.02 -1.72	107.02 7.94 -0.97	100.16 6.87 -0.42	79.25 4.63 0.00	67.17 3.80 -1.09	52.48 3.07 0.00	42.76 2.87 0.00	37.24 2.82 0.00
RAVENSWOOD___3 23535	32.83 2.76 0.00	29.17 2.31 0.00	27.97 2.02 0.00	26.34 1.86 0.00	26.37 1.86 0.00	27.03 1.91 0.00	29.46 2.33 0.00	33.91 2.66 0.00	36.07 3.01 0.00	37.44 3.25 0.00	41.17 3.54 0.00	44.55 3.75 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.28 4.80 0.00	67.57 5.01 0.00	87.71 7.10 -1.72	107.22 8.14 -0.97	100.44 7.15 -0.42	79.55 4.92 0.00	67.30 3.93 -1.10	52.63 3.21 0.00	42.80 2.91 0.00	37.10 2.69 0.00
RAVENSWOOD___4 23820	32.95 2.89 0.01	29.26 2.39 -0.01	28.05 2.10 -0.01	26.42 1.93 0.00	26.42 1.91 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.97 2.72 0.00	36.21 3.14 0.00	37.57 3.39 0.01	41.31 3.69 0.01	44.55 3.75 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.11 4.63 0.00	66.62 4.94 0.88	87.62 7.02 -1.71	106.93 7.85 -0.97	100.07 6.78 -0.42	79.25 4.63 0.00	67.16 3.80 -1.08	52.48 3.07 0.00	42.72 2.83 0.00	37.24 2.82 0.00
RCPL_TRUST___DRP 24196	32.80 2.74 0.00	29.17 2.31 0.00	27.97 2.02 0.00	26.35 1.86 0.00	26.37 1.86 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.98 2.72 0.00	36.14 3.07 0.00	37.65 3.45 0.00	41.21 3.58 0.00	44.68 3.88 0.00	49.39 4.12 0.00	55.85 4.85 0.00	61.57 5.08 0.00	67.88 5.32 0.00	88.02 7.42 -1.72	107.72 8.63 -0.97	100.81 7.52 -0.42	79.85 5.22 0.00	67.55 4.17 -1.10	52.78 3.36 0.00	42.92 3.03 0.00	37.38 2.96 0.00
RED___ROCHESTER 323720	30.25 0.18 0.00	26.97 0.11 0.00	26.02 0.08 0.00	24.34 -0.15 0.00	24.34 -0.17 0.00	25.20 0.08 0.00	27.19 0.05 0.00	31.19 -0.06 0.00	32.80 -0.27 0.00	34.71 0.51 0.00	38.12 0.49 0.00	41.33 0.53 0.00	46.40 1.13 0.00	52.28 1.28 0.00	57.84 1.35 0.00	64.31 1.75 0.00	79.76 0.87 0.00	99.97 1.86 0.00	94.91 2.04 0.00	77.68 3.06 0.00	64.77 2.49 0.00	51.20 1.78 0.00	41.00 1.12 0.00	35.83 1.41 0.00
REGAN___SOLAR 323812	33.95 3.88 0.00	30.46 3.60 0.00	29.21 3.27 0.00	27.42 2.94 0.00	27.50 2.99 0.00	28.31 3.19 0.00	30.66 3.53 0.00	34.88 3.62 0.00	36.60 3.54 0.00	37.92 3.73 0.00	41.70 4.07 0.00	45.29 4.49 0.00	50.88 5.61 0.00	57.23 6.22 0.00	63.66 7.17 0.00	71.51 8.95 0.00	94.10 11.36 -3.85	116.37 16.09 -2.17	112.37 17.18 -2.31	88.73 14.11 0.00	86.10 12.15 -11.67	58.61 9.19 0.00	46.39 6.50 0.00	39.64 5.23 0.00
RENSSELAER___COGEN 23796	30.88 0.81 0.00	27.59 0.73 0.00	26.72 0.78 0.00	25.24 0.76 0.00	25.27 0.76 0.00	25.85 0.73 0.00	27.84 0.70 0.00	31.91 0.66 0.00	33.69 0.63 0.00	34.91 0.72 0.00	38.38 0.75 0.00	41.66 0.86 0.00	45.95 0.68 0.00	51.82 0.81 0.00	57.38 0.90 0.00	63.71 1.19 0.03	47.64 1.82 33.06	81.44 1.96 18.63	79.97 1.95 14.85	75.81 1.19 0.00	70.00 1.12 -6.60	50.36 0.94 0.00	40.84 0.96 0.00	35.14 0.72 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.95 3.88 0.00	30.44 3.57 0.00	29.19 3.24 0.00	27.40 2.91 0.00	27.43 2.92 0.00	28.21 3.09 0.00	30.60 3.47 0.00	35.10 3.84 0.00	37.03 3.97 0.00	38.53 4.34 0.00	42.19 4.55 0.00	45.90 5.10 0.00	51.42 6.16 0.00	57.69 6.68 0.00	64.11 7.63 0.00	71.94 9.38 0.00	98.24 11.83 -7.52	118.25 15.89 -4.24	113.95 16.81 -4.26	88.50 13.88 0.00	87.00 12.39 -12.33	58.91 9.49 0.00	46.43 6.54 0.00	39.68 5.27 0.00
REVERE_CPPR_DRP 24186	31.48 1.17 -0.24	28.01 1.07 -0.08	26.91 0.93 -0.03	25.34 0.86 0.00	25.42 0.91 0.00	26.10 0.98 0.00	28.36 1.11 -0.12	32.61 1.06 -0.29	34.48 1.06 -0.36	35.80 1.20 -0.41	39.50 1.32 -0.56	42.93 1.43 -0.70	47.94 1.90 -0.77	54.20 2.24 -0.95	60.44 2.77 -1.19	67.30 3.25 -1.49	84.53 4.02 -1.62	106.40 5.69 -2.59	101.15 5.76 -2.52	81.26 4.78 -1.86	67.92 4.17 -1.47	53.37 3.11 -0.83	42.52 2.15 -0.48	36.28 1.55 -0.32
REYNOLDS_115KV_TB3 80639	31.06 0.99 0.00	27.80 0.94 0.00	26.90 0.96 0.00	25.42 0.93 0.00	25.44 0.93 0.00	26.05 0.93 0.00	28.03 0.90 0.00	32.13 0.88 0.00	33.99 0.93 0.00	35.29 1.09 0.00	38.72 1.09 0.00	42.02 1.22 0.00	46.53 1.27 0.00	52.54 1.53 0.00	58.18 1.69 0.00	64.62 2.06 0.00	103.25 2.84 -21.52	113.58 3.34 -12.13	107.36 3.16 -11.33	76.86 2.24 0.00	71.56 1.93 -7.35	51.00 1.58 0.00	41.16 1.28 0.00	35.62 1.20 0.00
RIVERBAY____ 323610	33.32 3.25 -0.01	29.67 2.79 -0.01	28.47 2.52 -0.01	26.76 2.28 0.00	26.76 2.25 0.00	27.33 2.21 0.00	29.71 2.58 0.00	34.23 2.97 0.00	36.44 3.37 0.00	37.95 3.76 0.01	41.54 3.91 0.01	44.80 4.00 0.00	49.48 4.21 0.00	55.95 4.95 0.00	61.40 4.91 0.00	67.88 5.32 0.00	88.18 7.57 -1.72	107.62 8.54 -0.97	100.72 7.43 -0.42	79.70 5.07 0.00	67.79 4.42 -1.09	52.78 3.36 0.00	43.04 3.15 0.00	37.93 3.51 0.00
RIVERSDE_115KV_TB3 55908	31.00 0.93 0.00	27.72 0.86 0.00	26.83 0.88 0.00	25.37 0.88 0.00	25.39 0.88 0.00	25.98 0.85 0.00	27.97 0.84 0.00	32.07 0.81 0.00	33.89 0.83 0.00	35.22 1.03 0.00	38.65 1.02 0.00	41.94 1.14 0.00	46.40 1.13 0.00	52.38 1.38 0.00	58.01 1.53 0.00	64.44 1.88 0.00	90.33 2.60 -8.84	106.13 3.04 -4.98	101.02 2.97 -5.18	76.64 2.01 0.00	71.53 1.81 -7.44	50.85 1.43 0.00	41.08 1.20 0.00	35.55 1.14 0.00
ROARING___BROOK_WT_PWR 323790	29.83 -0.24 0.00	26.65 -0.22 0.00	25.76 -0.18 0.00	24.31 -0.17 0.00	24.34 -0.17 0.00	24.95 -0.17 0.00	26.94 -0.19 0.00	30.82 -0.44 0.00	32.63 -0.43 0.00	33.58 -0.61 0.00	37.03 -0.60 0.00	40.15 -0.65 0.00	44.14 -1.13 0.00	49.53 -1.48 0.00	54.79 -1.69 0.00	60.55 -2.00 0.00	51.82 -2.45 24.62	95.16 -2.94 0.01	90.08 -2.78 0.01	72.46 -2.17 0.00	60.53 -1.74 0.00	48.09 -1.33 0.00	39.09 -0.80 0.00	33.63 -0.79 0.00
ROCHESRG_115KV_T4 355643	29.89 -0.18 0.00	26.68 -0.19 0.00	25.61 -0.34 0.00	24.12 -0.37 0.00	24.09 -0.42 0.00	24.95 -0.18 0.00	26.91 -0.22 0.00	30.82 -0.44 0.00	32.40 -0.66 0.00	33.82 -0.38 0.00	37.52 -0.11 0.00	40.76 -0.04 0.00	45.67 0.41 0.00	51.47 0.46 0.00	56.99 0.51 0.00	63.25 0.69 0.00	78.49 -0.39 0.00	98.41 0.29 0.00	93.43 0.56 0.00	76.49 1.87 0.00	63.77 1.49 0.00	50.26 0.84 0.00	40.37 0.48 0.00	34.35 -0.07 0.00

ROCHESTER_9_IC 23652	30.07 0.00 0.00	26.84 -0.03 0.00	25.76 -0.18 0.00	24.24 -0.24 0.00	24.22 -0.29 0.00	25.10 -0.03 0.00	27.05 -0.08 0.00	31.04 -0.22 0.00	32.63 -0.43 0.00	34.06 -0.14 0.00	37.82 0.19 0.00	41.09 0.29 0.00	46.08 0.81 0.00	51.87 0.87 0.00	57.44 0.96 0.00	63.75 1.19 0.00	79.12 0.24 0.00	99.29 1.18 0.00	94.27 1.39 0.00	77.16 2.54 0.00	64.33 2.06 0.00	50.70 1.28 0.00	40.68 0.80 0.00	34.62 0.21 0.00
ROCKVIEW_13_KV_LD 356306	32.71 2.65 0.00	29.12 2.26 0.00	27.92 1.97 0.00	26.32 1.84 0.00	26.35 1.84 0.00	27.03 1.91 0.00	29.44 2.31 0.00	33.91 2.66 0.00	36.04 2.98 0.00	37.54 3.35 0.00	41.17 3.54 0.00	44.55 3.75 0.00	49.30 4.03 0.00	55.75 4.74 0.00	61.51 5.03 0.00	68.00 5.44 0.00	88.10 7.49 -1.72	107.91 8.83 -0.97	101.19 7.89 -0.42	80.15 5.52 0.00	67.93 4.55 -1.10	52.98 3.56 0.00	42.92 3.03 0.00	37.34 2.93 0.00
ROME____115KV_TB2 80656	31.48 1.17 -0.24	28.01 1.07 -0.08	26.91 0.93 -0.03	25.34 0.86 0.00	25.42 0.91 0.00	26.10 0.98 0.00	28.36 1.11 -0.12	32.61 1.06 -0.29	34.48 1.06 -0.36	35.80 1.20 -0.41	39.50 1.32 -0.56	42.93 1.43 -0.70	47.94 1.90 -0.77	54.20 2.24 -0.95	60.44 2.77 -1.19	67.30 3.25 -1.49	84.53 4.02 -1.62	106.40 5.69 -2.59	101.15 5.76 -2.52	81.26 4.78 -1.86	67.92 4.17 -1.47	53.37 3.11 -0.83	42.52 2.15 -0.48	36.28 1.55 -0.32
ROSETON____1 23587	32.05 1.98 0.00	28.56 1.69 0.00	27.47 1.53 0.00	25.93 1.44 0.00	25.93 1.42 0.00	26.58 1.46 0.00	28.84 1.71 0.00	33.13 1.88 0.00	35.18 2.12 0.00	36.48 2.29 0.00	40.11 2.48 0.00	43.33 2.53 0.00	48.03 2.76 0.00	54.27 3.27 0.00	59.93 3.45 0.00	66.31 3.75 0.00	85.69 5.29 -1.51	105.15 6.18 -0.85	98.35 5.48 0.00	78.43 3.80 0.00	66.40 3.05 -1.07	51.84 2.42 0.00	41.96 2.07 0.00	36.38 1.96 0.00
ROSETON____2 23588	32.05 1.98 0.00	28.56 1.69 0.00	27.47 1.53 0.00	25.93 1.44 0.00	25.93 1.42 0.00	26.58 1.46 0.00	28.84 1.71 0.00	33.13 1.88 0.00	35.18 2.12 0.00	36.48 2.29 0.00	40.11 2.48 0.00	43.33 2.53 0.00	48.03 2.76 0.00	54.27 3.27 0.00	59.93 3.45 0.00	66.31 3.75 0.00	85.69 5.29 -1.51	105.15 6.18 -0.85	98.35 5.48 0.00	78.43 3.80 0.00	66.40 3.05 -1.07	51.84 2.42 0.00	41.96 2.07 0.00	36.38 1.96 0.00
ROTTDAM_115KV_TB3 80664	31.27 1.20 0.00	27.97 1.10 0.00	27.01 1.06 0.00	25.49 1.00 0.00	25.51 1.00 0.00	26.13 1.00 0.00	28.19 1.06 0.00	32.35 1.09 0.00	34.22 1.16 0.00	35.53 1.33 0.00	38.99 1.35 0.00	42.31 1.51 0.00	47.03 1.77 0.00	53.00 1.99 0.00	58.68 2.20 0.00	65.19 2.63 0.00	86.76 3.47 -4.40	104.91 4.32 -2.48	99.90 4.37 -2.66	78.06 3.43 0.00	78.63 2.99 -13.36	51.79 2.37 0.00	41.60 1.72 0.00	35.93 1.51 0.00
RUSSELL____1 23602	30.22 0.15 0.00	26.97 0.11 0.00	25.89 -0.05 0.00	24.34 -0.15 0.00	24.34 -0.17 0.00	25.20 0.08 0.00	27.19 0.05 0.00	31.19 -0.06 0.00	32.80 -0.26 0.00	34.23 0.03 0.00	38.05 0.41 0.00	41.33 0.53 0.00	46.40 1.13 0.00	52.28 1.28 0.00	57.84 1.36 0.00	64.25 1.69 0.00	79.76 0.87 0.00	99.98 1.86 0.00	94.92 2.04 0.00	77.76 3.13 0.00	64.83 2.55 0.00	51.10 1.68 0.00	41.00 1.12 0.00	34.83 0.41 0.00
RUSSELL____2 23532	30.22 0.15 0.00	26.97 0.11 0.00	25.89 -0.05 0.00	24.34 -0.15 0.00	24.34 -0.17 0.00	25.20 0.08 0.00	27.19 0.05 0.00	31.19 -0.06 0.00	32.80 -0.26 0.00	34.23 0.03 0.00	38.05 0.41 0.00	41.33 0.53 0.00	46.40 1.13 0.00	52.28 1.28 0.00	57.84 1.36 0.00	64.25 1.69 0.00	79.76 0.87 0.00	99.98 1.86 0.00	94.92 2.04 0.00	77.76 3.13 0.00	64.83 2.55 0.00	51.10 1.68 0.00	41.00 1.12 0.00	34.83 0.41 0.00
RUSSELL____3 23549	30.22 0.15 0.00	26.97 0.11 0.00	25.89 -0.05 0.00	24.34 -0.15 0.00	24.34 -0.17 0.00	25.20 0.08 0.00	27.19 0.05 0.00	31.19 -0.06 0.00	32.80 -0.26 0.00	34.23 0.03 0.00	38.05 0.41 0.00	41.33 0.53 0.00	46.40 1.13 0.00	52.28 1.28 0.00	57.84 1.36 0.00	64.25 1.69 0.00	79.76 0.87 0.00	99.98 1.86 0.00	94.92 2.04 0.00	77.76 3.13 0.00	64.83 2.55 0.00	51.10 1.68 0.00	41.00 1.12 0.00	34.83 0.41 0.00
RUSSELL____4 23556	30.22 0.15 0.00	26.97 0.11 0.00	25.89 -0.05 0.00	24.34 -0.15 0.00	24.34 -0.17 0.00	25.20 0.08 0.00	27.19 0.05 0.00	31.19 -0.06 0.00	32.80 -0.26 0.00	34.23 0.03 0.00	38.05 0.41 0.00	41.33 0.53 0.00	46.40 1.13 0.00	52.28 1.28 0.00	57.84 1.36 0.00	64.25 1.69 0.00	79.76 0.87 0.00	99.98 1.86 0.00	94.92 2.04 0.00	77.76 3.13 0.00	64.83 2.55 0.00	51.10 1.68 0.00	41.00 1.12 0.00	34.83 0.41 0.00
RUSSELL____STATION 23914	30.22 0.15 0.00	26.97 0.11 0.00	25.89 -0.05 0.00	24.34 -0.15 0.00	24.34 -0.17 0.00	25.20 0.08 0.00	27.19 0.05 0.00	31.19 -0.06 0.00	32.80 -0.26 0.00	34.23 0.03 0.00	38.05 0.41 0.00	41.33 0.53 0.00	46.40 1.13 0.00	52.28 1.28 0.00	57.84 1.36 0.00	64.25 1.69 0.00	79.76 0.87 0.00	99.98 1.86 0.00	94.92 2.04 0.00	77.76 3.13 0.00	64.83 2.55 0.00	51.10 1.68 0.00	41.00 1.12 0.00	34.83 0.41 0.00
S SALMON____HYD 24043	30.99 -0.21 -1.13	27.00 -0.22 -0.35	25.81 -0.26 -0.13	24.22 -0.27 0.00	24.24 -0.27 0.00	24.92 -0.20 0.00	27.49 -0.19 -0.55	32.41 -0.31 -1.46	34.48 -0.43 -1.85	35.97 -0.31 -2.09	40.04 -0.41 -2.82	43.92 -0.45 -3.57	48.88 -0.31 -3.93	55.56 -0.25 -4.81	62.29 -0.23 -6.03	69.82 -0.31 -7.57	87.45 -0.71 -9.27	110.91 -0.39 -13.19	105.67 0.00 -12.80	84.52 0.45 -9.45	70.27 0.50 -7.49	54.10 0.44 -4.23	42.39 0.08 -2.43	36.05 0.00 -1.63
S.PERRY__115KV_TB1 80734	31.24 1.17 0.00	27.88 1.02 0.00	26.72 0.78 0.00	25.12 0.64 0.00	25.10 0.59 0.00	26.05 0.93 0.00	28.11 0.98 0.00	32.13 0.88 0.00	33.43 0.36 0.00	34.84 0.65 0.00	37.14 -0.49 0.00	40.23 -0.57 0.00	45.13 -0.14 0.00	50.90 -0.10 0.00	54.62 -1.86 0.00	60.87 -1.69 0.00	75.73 -3.16 0.00	95.07 -3.04 0.00	91.29 -1.58 0.00	75.82 1.19 0.00	63.40 1.12 0.00	49.91 0.49 0.00	41.44 1.56 0.00	35.07 0.65 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.74 -0.33 0.00	26.57 -0.30 0.00	25.45 -0.49 0.00	23.95 -0.54 0.00	23.90 -0.61 0.00	24.92 -0.20 0.00	26.81 -0.33 0.00	30.48 -0.78 0.00	31.87 -1.19 0.00	33.51 -0.68 0.00	37.29 -0.34 0.00	40.43 -0.37 0.00	45.54 0.27 0.00	51.11 0.10 0.00	56.65 0.17 0.00	62.87 0.31 0.00	77.31 -1.58 0.00	96.94 -1.18 0.00	92.32 -0.56 0.00	76.49 1.87 0.00	63.77 1.49 0.00	50.11 0.69 0.00	40.21 0.32 0.00	34.11 -0.31 0.00
SAWYER____23_KV_LOAD 55526	29.74 -0.33 0.00	26.57 -0.30 0.00	25.45 -0.49 0.00	23.95 -0.54 0.00	23.90 -0.61 0.00	24.92 -0.20 0.00	26.81 -0.33 0.00	30.48 -0.78 0.00	31.87 -1.19 0.00	33.51 -0.68 0.00	37.29 -0.34 0.00	40.43 -0.37 0.00	45.54 0.27 0.00	51.11 0.10 0.00	56.65 0.17 0.00	62.87 0.31 0.00	77.31 -1.58 0.00	96.94 -1.18 0.00	92.32 -0.56 0.00	76.49 1.87 0.00	63.77 1.49 0.00	50.11 0.69 0.00	40.21 0.32 0.00	34.11 -0.31 0.00

SELKIRK___I 23801	31.15 1.08 0.00	27.86 0.99 0.00	26.96 1.01 0.00	25.47 0.98 0.00	25.49 0.98 0.00	26.08 0.95 0.00	28.05 0.92 0.00	32.13 0.87 0.00	33.86 0.79 0.00	35.01 0.82 0.00	38.46 0.83 0.00	41.70 0.90 0.00	45.09 -0.18 0.00	50.90 -0.10 0.00	56.37 -0.11 0.00	62.60 0.06 0.02	63.03 0.48 16.33	89.41 0.49 9.20	86.37 0.74 7.24	75.00 0.38 0.00	67.66 0.56 -4.83	49.91 0.49 0.00	41.28 1.40 0.00	35.55 1.13 0.00
SELKIRK___II 23799	30.97 0.90 0.00	27.67 0.81 0.00	26.80 0.85 0.00	25.32 0.83 0.00	25.32 0.81 0.00	25.93 0.80 0.00	27.92 0.79 0.00	32.01 0.75 0.00	33.82 0.76 0.00	35.05 0.86 0.00	38.53 0.90 0.00	41.82 1.02 0.00	45.81 0.55 0.00	51.67 0.66 0.00	57.21 0.73 0.00	63.41 0.88 0.02	61.20 1.42 19.11	88.82 1.47 10.77	85.79 1.40 8.48	75.45 0.82 0.00	68.37 0.87 -5.22	50.16 0.74 0.00	41.00 1.12 0.00	35.28 0.86 0.00
SENECA OSWGO___HYD 24041	31.27 -0.39 -1.59	26.99 -0.38 -0.50	25.71 -0.42 -0.18	24.09 -0.39 0.00	24.12 -0.39 0.00	24.75 -0.38 0.00	27.52 -0.38 -0.77	32.86 -0.47 -2.07	35.11 -0.56 -2.61	36.77 -0.38 -2.96	41.10 -0.53 -3.99	45.28 -0.57 -5.05	50.37 -0.45 -5.56	57.39 -0.41 -6.80	64.62 -0.39 -8.53	72.89 -0.37 -10.71	92.91 -0.71 -14.73	116.18 -0.59 -18.65	110.51 -0.46 -18.10	87.91 -0.07 -13.36	72.81 -0.06 -10.60	55.31 -0.10 -5.99	43.08 -0.24 -3.43	36.55 -0.17 -2.30
SENECA___115KV_TB3 355854	30.13 0.06 0.00	26.92 0.05 0.00	25.79 -0.16 0.00	24.24 -0.24 0.00	24.19 -0.32 0.00	25.22 0.10 0.00	27.16 0.03 0.00	30.94 -0.31 0.00	32.37 -0.69 0.00	34.06 -0.14 0.00	37.90 0.26 0.00	41.09 0.29 0.00	46.26 1.00 0.00	51.98 0.97 0.00	57.67 1.19 0.00	64.00 1.44 0.00	78.81 -0.08 0.00	98.70 0.59 0.00	94.08 1.21 0.00	77.91 3.28 0.00	64.83 2.55 0.00	50.90 1.48 0.00	40.80 0.92 0.00	34.66 0.24 0.00
SENECA___ENERGY 23797	30.82 0.12 -0.63	27.12 0.05 -0.20	25.99 -0.03 -0.07	24.39 -0.10 0.00	24.41 -0.10 0.00	25.17 0.05 0.00	27.55 0.11 -0.31	32.09 0.09 -0.74	33.93 -0.07 -0.94	35.69 0.44 -1.06	39.36 0.30 -1.43	42.97 0.37 -1.81	47.98 0.72 -1.99	54.36 0.92 -2.43	60.61 1.07 -3.05	67.76 1.37 -3.83	85.26 1.10 -5.27	106.65 1.86 -6.67	101.39 2.04 -6.48	81.94 2.54 -4.78	68.06 1.99 -3.79	53.00 1.43 -2.14	41.95 0.84 -1.23	36.10 0.86 -0.82
SHOEMAKER___GT 23640	31.81 1.74 0.00	28.37 1.50 0.00	27.29 1.35 0.00	25.76 1.27 0.00	25.76 1.25 0.00	26.43 1.31 0.00	28.62 1.49 0.00	32.79 1.53 0.00	34.78 1.72 0.00	36.11 1.91 0.00	39.70 2.07 0.00	42.96 2.16 0.00	47.75 2.49 0.00	53.91 2.91 0.00	59.59 3.10 0.00	65.94 3.38 0.00	85.00 4.81 -1.30	104.63 5.79 -0.73	98.07 5.20 0.00	78.28 3.66 0.00	66.24 2.99 -0.97	51.79 2.37 0.00	41.84 1.95 0.00	36.20 1.79 0.00
SHOEMAKR_138KV_BK 111 55601	31.81 1.74 0.00	28.37 1.50 0.00	27.29 1.35 0.00	25.76 1.27 0.00	25.76 1.25 0.00	26.43 1.31 0.00	28.62 1.49 0.00	32.82 1.56 0.00	34.82 1.75 0.00	36.24 2.05 0.00	39.74 2.11 0.00	42.96 2.16 0.00	47.76 2.49 0.00	53.91 2.91 0.00	59.59 3.11 0.00	66.00 3.44 0.00	84.98 4.81 -1.28	104.62 5.79 -0.72	98.07 5.20 0.00	78.21 3.58 0.00	66.23 2.99 -0.96	51.79 2.37 0.00	41.84 1.95 0.00	36.34 1.93 0.00
SHOREHAM_IC_1 23715	37.45 3.16 -4.23	35.93 2.61 -6.46	34.92 2.31 -6.67	31.74 2.18 -5.07	31.31 2.18 -4.62	33.33 2.29 -5.92	33.64 2.71 -3.79	35.83 3.10 -1.48	37.35 3.50 -0.79	38.50 3.62 -0.69	42.98 4.25 -1.09	78.38 4.73 -32.85	91.93 5.16 -41.51	139.17 6.07 -82.09	151.07 6.49 -88.10	173.43 7.19 -103.68	242.33 9.78 -153.66	236.27 11.28 -126.88	310.21 10.68 -206.66	146.25 7.76 -63.87	134.42 6.11 -66.04	59.28 4.89 -4.96	45.56 3.75 -1.92	40.30 3.41 -2.48
SHOREHAM_IC_2 23716	37.45 3.16 -4.23	35.93 2.61 -6.46	34.92 2.31 -6.67	31.74 2.18 -5.07	31.31 2.18 -4.62	33.33 2.29 -5.92	33.64 2.71 -3.79	35.83 3.10 -1.48	37.35 3.50 -0.79	38.50 3.62 -0.69	42.98 4.25 -1.09	78.38 4.73 -32.85	91.93 5.16 -41.51	139.17 6.07 -82.09	151.07 6.49 -88.10	173.43 7.19 -103.68	242.33 9.78 -153.66	236.27 11.28 -126.88	310.21 10.68 -206.66	146.25 7.76 -63.87	134.42 6.11 -66.04	59.28 4.89 -4.96	45.56 3.75 -1.92	40.30 3.41 -2.48
SISSONVILLE____ 23735	28.83 -1.38 -0.15	25.67 -1.24 -0.05	24.82 -1.14 -0.02	23.38 -1.10 0.00	23.43 -1.08 0.00	23.99 -1.13 0.00	26.01 -1.19 -0.07	30.17 -1.28 -0.19	31.98 -1.32 -0.24	32.79 -1.68 -0.27	36.27 -1.73 -0.37	39.39 -1.88 -0.47	43.47 -2.31 -0.52	48.78 -2.86 -0.63	54.23 -3.05 -0.79	59.74 -3.82 -1.00	62.65 -5.05 11.19	93.66 -6.18 -1.73	88.70 -5.85 -1.68	71.46 -4.40 -1.24	59.90 -3.36 -0.99	47.31 -2.67 -0.56	38.21 -1.99 -0.32	32.81 -1.82 -0.21
SITHE_IND_GS1 24169	24.64 -0.81 4.62	24.67 -0.75 1.44	24.70 -0.73 0.52	23.77 -0.71 0.00	23.80 -0.71 0.00	24.42 -0.70 0.00	24.13 -0.76 2.24	24.64 -0.91 5.71	24.86 -0.99 7.21	25.18 -0.85 8.16	25.60 -1.01 11.02	25.77 -1.10 13.93	28.84 -1.09 15.34	31.09 -1.17 18.75	31.64 -1.30 23.54	31.64 -1.38 29.54	36.28 -1.97 40.64	44.41 -2.25 51.45	40.89 -2.04 49.94	36.34 -1.42 36.86	31.92 -1.12 29.24	31.96 -0.94 16.52	29.55 -0.88 9.46	27.37 -0.69 6.36
SITHE_IND_GS2 24170	24.64 -0.81 4.62	24.67 -0.75 1.44	24.70 -0.73 0.52	23.77 -0.71 0.00	23.80 -0.71 0.00	24.42 -0.70 0.00	24.13 -0.76 2.24	24.64 -0.91 5.71	24.86 -0.99 7.21	25.18 -0.85 8.16	25.60 -1.01 11.02	25.77 -1.10 13.93	28.84 -1.09 15.34	31.09 -1.17 18.75	31.64 -1.30 23.54	31.64 -1.38 29.54	36.28 -1.97 40.64	44.41 -2.25 51.45	40.89 -2.04 49.94	36.34 -1.42 36.86	31.92 -1.12 29.24	31.96 -0.94 16.52	29.55 -0.88 9.46	27.37 -0.69 6.36
SITHE_IND_GS3 24171	24.64 -0.81 4.62	24.67 -0.75 1.44	24.70 -0.73 0.52	23.77 -0.71 0.00	23.80 -0.71 0.00	24.42 -0.70 0.00	24.13 -0.76 2.24	24.64 -0.91 5.71	24.86 -0.99 7.21	25.18 -0.85 8.16	25.60 -1.01 11.02	25.77 -1.10 13.93	28.84 -1.09 15.34	31.09 -1.17 18.75	31.64 -1.30 23.54	31.64 -1.38 29.54	36.28 -1.97 40.64	44.41 -2.25 51.45	40.89 -2.04 49.94	36.34 -1.42 36.86	31.92 -1.12 29.24	31.96 -0.94 16.52	29.55 -0.88 9.46	27.37 -0.69 6.36
SITHE_IND_GS4 24172	24.64 -0.81 4.62	24.67 -0.75 1.44	24.70 -0.73 0.52	23.77 -0.71 0.00	23.80 -0.71 0.00	24.42 -0.70 0.00	24.13 -0.76 2.24	24.64 -0.91 5.71	24.86 -0.99 7.21	25.18 -0.85 8.16	25.60 -1.01 11.02	25.77 -1.10 13.93	28.84 -1.09 15.34	31.09 -1.17 18.75	31.64 -1.30 23.54	31.64 -1.38 29.54	36.28 -1.97 40.64	44.41 -2.25 51.45	40.89 -2.04 49.94	36.34 -1.42 36.86	31.92 -1.12 29.24	31.96 -0.94 16.52	29.55 -0.88 9.46	27.37 -0.69 6.36
SITHE___BATAVIA 24024	30.52 0.45 0.00	27.19 0.32 0.00	26.23 0.29 0.00	24.46 -0.02 0.00	24.44 -0.07 0.00	25.45 0.33 0.00	27.43 0.30 0.00	31.38 0.13 0.00	32.76 -0.30 0.00	34.91 0.72 0.00	38.16 0.53 0.00	41.29 0.49 0.00	46.49 1.22 0.00	52.33 1.32 0.00	57.95 1.47 0.00	64.50 1.94 0.00	79.44 0.56 0.00	99.97 1.86 0.00	95.20 2.32 0.00	78.65 4.03 0.00	65.70 3.42 0.00	51.74 2.32 0.00	41.32 1.43 0.00	36.41 2.00 0.00

SITHE___INDEPEND 23800	24.64 -0.81 4.62	24.67 -0.75 1.44	24.67 -0.75 0.52	23.77 -0.71 0.00	23.80 -0.71 0.00	24.42 -0.70 0.00	24.13 -0.76 2.24	24.64 -0.91 5.71	24.86 -0.99 7.21	25.11 -0.92 8.16	25.60 -1.02 11.02	25.77 -1.10 13.93	28.84 -1.09 15.34	31.08 -1.17 18.75	31.64 -1.30 23.54	31.64 -1.38 29.54	36.27 -1.97 40.64	44.41 -2.26 51.45	40.89 -2.04 49.94	36.42 -1.34 36.86	31.92 -1.12 29.24	31.91 -0.99 16.52	29.55 -0.88 9.46	27.20 -0.86 6.36
SITHE___MASSENA 23902	29.20 -0.87 0.00	26.14 -0.72 0.00	25.27 -0.67 0.00	23.85 -0.64 0.00	23.90 -0.61 0.00	24.47 -0.65 0.00	26.43 -0.71 0.00	30.57 -0.69 0.00	32.40 -0.66 0.00	33.17 -1.02 0.00	36.65 -0.98 0.00	39.78 -1.02 0.00	43.86 -1.40 0.00	49.17 -1.83 0.00	54.56 -1.92 0.00	59.99 -2.57 0.00	60.53 -3.16 15.20	94.08 -4.03 0.01	89.05 -3.81 0.01	71.79 -2.84 0.00	60.16 -2.12 0.00	47.74 -1.68 0.00	38.65 -1.24 0.00	33.21 -1.21 0.00
SITHE___OGDNSBRG 24021	29.32 -0.75 0.00	26.22 -0.64 0.00	25.35 -0.60 0.00	23.90 -0.59 0.00	23.95 -0.56 0.00	24.54 -0.58 0.00	26.56 -0.57 0.00	30.63 -0.63 0.00	32.40 -0.66 0.00	33.13 -1.06 0.00	36.54 -1.09 0.00	39.66 -1.14 0.00	43.82 -1.45 0.00	49.12 -1.89 0.00	54.56 -1.92 0.00	59.99 -2.56 0.00	61.91 -3.39 13.59	94.08 -4.02 0.01	89.34 -3.53 0.01	72.24 -2.39 0.00	60.66 -1.62 0.00	48.09 -1.33 0.00	38.85 -1.04 0.00	33.35 -1.07 0.00
SITHE___STERLING 23777	31.32 0.99 -0.26	27.83 0.89 -0.08	26.75 0.78 -0.03	25.20 0.71 0.00	25.24 0.73 0.00	25.93 0.80 0.00	28.18 0.92 -0.13	32.47 0.91 -0.31	34.31 0.86 -0.39	35.72 1.09 -0.44	39.35 1.13 -0.59	42.77 1.22 -0.75	47.71 1.63 -0.82	53.95 1.94 -1.00	60.11 2.37 -1.26	66.96 2.82 -1.58	84.45 3.39 -2.18	105.67 4.81 -2.75	100.37 4.83 -2.67	80.62 4.03 -1.97	67.33 3.49 -1.57	52.92 2.62 -0.88	42.19 1.80 -0.51	36.20 1.45 -0.34
SLEIGHT___34_KV_TB1 80719	30.12 -0.12 -0.18	26.78 -0.13 -0.05	25.70 -0.26 -0.02	24.19 -0.29 0.00	24.19 -0.32 0.00	25.00 -0.13 0.00	27.11 -0.11 -0.09	31.29 -0.16 -0.19	32.98 -0.33 -0.24	34.43 -0.03 -0.28	38.15 0.15 -0.37	41.56 0.29 -0.47	46.51 0.72 -0.52	52.51 0.87 -0.63	58.30 1.02 -0.80	64.87 1.31 -1.00	80.97 0.71 -1.37	101.52 1.67 -1.74	96.23 1.67 -1.69	78.33 2.46 -1.25	65.20 1.93 -0.99	51.21 1.24 -0.56	40.92 0.72 -0.32	34.80 0.17 -0.22
SOUTH CAIRO___GT 23612	32.11 2.04 0.00	28.66 1.80 0.00	27.71 1.76 0.00	26.15 1.66 0.00	26.13 1.62 0.00	26.78 1.66 0.00	28.84 1.71 0.00	32.44 1.19 0.00	34.12 1.06 0.00	35.46 1.27 0.00	38.87 1.24 0.00	42.23 1.43 0.00	46.81 1.54 0.00	52.79 1.79 0.00	58.63 2.15 0.00	65.37 2.82 0.00	66.66 4.81 17.04	94.99 6.48 9.60	92.17 6.97 7.67	79.77 5.15 0.00	70.92 4.17 -4.47	52.83 3.41 0.00	42.72 2.83 0.00	36.69 2.27 0.00
SOUTH HAMPTN___IC 23720	37.90 3.61 -4.23	36.33 3.01 -6.46	35.31 2.70 -6.67	32.08 2.52 -5.07	31.68 2.55 -4.62	33.73 2.69 -5.92	34.10 3.17 -3.79	36.39 3.66 -1.48	38.05 4.20 -0.79	39.32 4.44 -0.69	44.03 5.31 -1.09	78.45 6.00 -31.65	91.81 6.56 -39.98	137.51 7.65 -78.85	149.39 8.31 -84.61	171.53 9.20 -99.78	238.64 12.23 -147.52	233.62 13.93 -121.58	304.13 13.28 -197.98	145.65 9.85 -61.18	133.24 7.66 -63.30	60.42 6.13 -4.87	46.47 4.66 -1.92	41.09 4.20 -2.48
SOUTHDOW___115KV_TB1 355954	31.06 0.99 0.00	27.75 0.89 0.00	26.57 0.62 0.00	24.97 0.49 0.00	24.98 0.47 0.00	26.08 0.95 0.00	28.41 1.28 0.00	32.60 1.34 0.00	34.19 1.12 0.00	36.04 1.85 0.00	40.00 2.37 0.00	43.45 2.65 0.00	49.07 3.80 0.00	55.19 4.18 0.00	61.23 4.74 0.00	68.00 5.44 0.00	83.78 4.89 0.00	104.59 6.48 0.00	99.84 6.97 0.00	82.53 7.91 0.00	68.51 6.23 0.00	53.67 4.25 0.00	42.84 2.95 0.00	36.34 1.93 0.00
SOUTHOLD_69_KV_BK 2 55809	38.17 3.88 -4.23	36.55 3.22 -6.46	35.52 2.91 -6.67	32.30 2.74 -5.07	31.92 2.79 -4.62	34.06 3.01 -5.92	34.51 3.58 -3.79	36.90 4.16 -1.48	38.68 4.83 -0.79	40.42 5.54 -0.69	45.05 6.32 -1.09	79.65 7.18 -31.67	93.10 7.83 -40.00	139.08 9.18 -78.89	151.24 10.11 -84.65	173.70 11.32 -99.82	238.88 12.39 -147.60	234.58 14.82 -121.65	307.03 16.07 -198.09	147.78 11.94 -61.21	134.90 9.28 -63.34	61.76 7.46 -4.87	47.39 5.58 -1.92	41.99 5.09 -2.48
SOUTHOLD___IC 23719	38.20 3.91 -4.23	36.55 3.22 -6.46	35.52 2.91 -6.67	32.30 2.74 -5.07	31.92 2.79 -4.62	34.06 3.01 -5.92	34.51 3.58 -3.79	36.90 4.16 -1.48	38.68 4.83 -0.79	40.11 5.23 -0.69	45.01 6.28 -1.09	79.65 7.18 -31.67	93.14 7.88 -40.00	139.13 9.24 -78.89	151.24 10.11 -84.65	173.71 11.33 -99.83	241.16 14.67 -147.60	234.58 14.82 -121.65	307.03 16.07 -198.09	147.92 12.09 -61.21	134.90 9.28 -63.34	61.70 7.41 -4.87	47.35 5.54 -1.92	41.88 4.99 -2.48
SOUTH_FORK_WT_PWR 323839	37.93 3.64 -4.23	36.33 3.01 -6.46	35.31 2.70 -6.67	32.13 2.57 -5.07	31.78 2.65 -4.62	33.96 2.91 -5.92	34.43 3.50 -3.79	36.83 4.09 -1.48	38.58 4.73 -0.79	40.04 5.16 -0.69	45.01 6.28 -1.09	79.68 7.22 -31.66	93.13 7.88 -39.99	139.16 9.28 -78.87	151.27 10.16 -84.63	173.74 11.39 -99.80	241.12 14.67 -147.56	235.53 15.80 -121.61	306.89 15.98 -198.03	147.84 12.02 -61.19	134.76 9.16 -63.32	61.66 7.36 -4.87	47.32 5.51 -1.92	41.85 4.96 -2.48
SPIERFLS_115KV_TB 1 80737	31.75 1.68 0.00	28.42 1.56 0.00	27.37 1.43 0.00	25.76 1.27 0.00	25.78 1.27 0.00	26.45 1.33 0.00	28.60 1.47 0.00	32.79 1.53 0.00	34.68 1.62 0.00	36.04 1.85 0.00	39.33 1.69 0.00	42.76 1.96 0.00	47.71 2.44 0.00	53.51 2.50 0.00	59.36 2.88 0.00	66.19 3.63 0.00	90.90 4.81 -7.20	108.55 6.38 -4.06	104.31 7.34 -4.10	80.67 6.04 0.00	80.26 5.54 -12.44	53.67 4.25 0.00	42.72 2.83 0.00	36.76 2.34 0.00
ST LAWRENCE____ 23600	29.20 -0.87 0.00	26.11 -0.75 0.00	25.25 -0.70 0.00	23.83 -0.66 0.00	23.87 -0.64 0.00	24.44 -0.68 0.00	26.43 -0.71 0.00	30.57 -0.69 0.00	32.37 -0.70 0.00	33.20 -0.99 0.00	36.65 -0.98 0.00	39.74 -1.06 0.00	43.86 -1.40 0.00	49.22 -1.79 0.00	54.50 -1.98 0.00	60.18 -2.38 0.00	60.06 -2.92 15.91	94.48 -3.63 0.01	89.34 -3.53 0.01	71.94 -2.68 0.00	60.04 -2.24 0.00	47.69 -1.73 0.00	38.65 -1.24 0.00	33.25 -1.17 0.00
STATE_CA_115KV_115_LB 55624	31.03 0.96 0.00	27.78 0.91 0.00	26.85 0.91 0.00	25.37 0.88 0.00	25.39 0.88 0.00	26.00 0.88 0.00	28.00 0.87 0.00	32.10 0.84 0.00	33.96 0.89 0.00	35.25 1.06 0.00	38.72 1.09 0.00	42.02 1.22 0.00	46.49 1.22 0.00	52.49 1.48 0.00	58.12 1.64 0.00	64.56 2.00 0.00	84.14 2.76 -2.49	102.75 3.24 -1.40	98.08 3.16 -2.05	76.86 2.24 0.00	72.55 1.99 -8.28	51.00 1.58 0.00	41.20 1.32 0.00	35.65 1.24 0.00
STATE_ST_34_KV_LOAD 55959	31.10 0.30 -0.73	27.34 0.24 -0.23	26.18 0.16 -0.08	24.58 0.10 0.00	24.61 0.10 0.00	25.32 0.20 0.00	27.76 0.27 -0.36	32.46 0.34 -0.86	34.42 0.26 -1.09	35.90 0.48 -1.23	39.82 0.53 -1.66	43.56 0.65 -2.10	48.53 0.95 -2.32	55.06 1.22 -2.83	61.51 1.47 -3.56	68.77 1.75 -4.46	86.84 1.81 -6.14	108.63 2.75 -7.77	103.11 2.69 -7.54	83.03 2.84 -5.57	68.93 2.24 -4.41	53.55 1.63 -2.49	42.39 1.08 -1.43	36.00 0.62 -0.96

STATION 5_MISC_HYD 23604	30.10 0.03 0.00	26.84 -0.03 0.00	25.89 -0.05 0.00	24.24 -0.24 0.00	24.22 -0.29 0.00	25.10 -0.03 0.00	27.05 -0.08 0.00	31.04 -0.22 0.00	32.63 -0.43 0.00	34.53 0.34 0.00	37.90 0.27 0.00	41.09 0.29 0.00	46.08 0.82 0.00	51.87 0.87 0.00	57.44 0.96 0.00	63.87 1.32 0.00	79.20 0.32 0.00	99.29 1.18 0.00	94.27 1.40 0.00	77.08 2.46 0.00	64.33 2.05 0.00	50.85 1.43 0.00	40.73 0.84 0.00	35.59 1.17 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.50 0.24 -0.19	27.11 0.19 -0.06	26.02 0.05 -0.02	24.46 -0.02 0.00	24.46 -0.05 0.00	25.30 0.18 0.00	27.41 0.19 -0.09	31.65 0.19 -0.21	33.36 0.03 -0.26	34.80 0.31 -0.30	38.60 0.56 -0.40	42.04 0.73 -0.51	47.09 1.27 -0.56	53.17 1.48 -0.68	59.03 1.69 -0.85	65.70 2.06 -1.07	81.94 1.58 -1.48	102.83 2.85 -1.87	97.56 2.88 -1.81	79.47 3.51 -1.34	66.14 2.80 -1.06	51.90 1.88 -0.60	41.47 1.24 -0.34	35.23 0.59 -0.23
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.92 -0.15 0.00	26.70 -0.16 0.00	25.63 -0.31 0.00	24.12 -0.37 0.00	24.12 -0.39 0.00	24.95 -0.18 0.00	26.94 -0.19 0.00	30.91 -0.34 0.00	32.50 -0.56 0.00	33.92 -0.27 0.00	37.67 0.04 0.00	40.92 0.12 0.00	45.85 0.59 0.00	51.72 0.71 0.00	57.27 0.79 0.00	63.56 1.00 0.00	78.97 0.08 0.00	99.09 0.98 0.00	93.99 1.11 0.00	76.86 2.24 0.00	64.08 1.81 0.00	50.51 1.09 0.00	40.49 0.60 0.00	34.45 0.03 0.00
STA_56___34_KV_BUS2 355983	29.92 -0.15 0.00	26.70 -0.16 0.00	25.63 -0.31 0.00	24.12 -0.37 0.00	24.12 -0.39 0.00	24.95 -0.18 0.00	26.94 -0.19 0.00	30.91 -0.34 0.00	32.50 -0.56 0.00	33.92 -0.27 0.00	37.67 0.04 0.00	40.92 0.12 0.00	45.85 0.59 0.00	51.72 0.71 0.00	57.27 0.79 0.00	63.56 1.00 0.00	78.97 0.08 0.00	99.09 0.98 0.00	93.99 1.11 0.00	76.86 2.24 0.00	64.08 1.81 0.00	50.51 1.09 0.00	40.49 0.60 0.00	34.45 0.03 0.00
STA_67___115KV_BK2 355882	29.98 -0.09 0.00	26.78 -0.08 0.00	25.71 -0.23 0.00	24.19 -0.29 0.00	24.17 -0.34 0.00	25.05 -0.08 0.00	27.00 -0.19 0.00	30.98 -0.14 0.00	32.53 -0.53 0.00	33.95 -0.24 0.00	37.71 0.08 0.00	40.96 0.16 0.00	45.90 0.63 0.00	51.72 0.71 0.00	57.27 0.79 0.00	63.56 1.00 0.00	78.89 0.00 0.00	99.00 0.88 0.00	93.89 1.02 0.00	76.94 2.31 0.00	64.15 1.87 0.00	50.56 1.14 0.00	40.56 0.68 0.00	34.52 0.10 0.00
STA_7___115KV_9TRANS 80674	30.22 0.15 0.00	26.97 0.11 0.00	25.89 -0.05 0.00	24.34 -0.15 0.00	24.34 -0.17 0.00	25.20 0.08 0.00	27.19 0.05 0.00	31.19 -0.06 0.00	32.80 -0.26 0.00	34.23 0.03 0.00	38.05 0.41 0.00	41.33 0.53 0.00	46.40 1.13 0.00	52.28 1.28 0.00	57.84 1.36 0.00	64.25 1.69 0.00	79.76 0.87 0.00	99.98 1.86 0.00	94.92 2.04 0.00	77.76 3.13 0.00	64.83 2.55 0.00	51.10 1.68 0.00	41.00 1.12 0.00	34.83 0.41 0.00
STA_82___115KV_TB1 80780	30.01 -0.06 0.00	26.78 -0.08 0.00	25.71 -0.23 0.00	24.19 -0.29 0.00	24.19 -0.32 0.00	25.05 -0.08 0.00	27.02 -0.11 0.00	30.98 -0.28 0.00	32.57 -0.50 0.00	33.99 -0.21 0.00	37.71 0.08 0.00	40.96 0.16 0.00	45.95 0.68 0.00	51.72 0.71 0.00	57.27 0.79 0.00	63.56 1.00 0.00	78.89 0.00 0.00	99.00 0.88 0.00	93.99 1.11 0.00	77.01 2.39 0.00	64.21 1.93 0.00	50.56 1.14 0.00	40.60 0.72 0.00	34.52 0.10 0.00
STEEL___WIND 323596	30.19 0.12 0.00	26.89 0.03 0.00	25.94 0.00 0.00	24.22 -0.27 0.00	24.19 -0.32 0.00	25.20 0.08 0.00	27.16 0.03 0.00	30.91 -0.34 0.00	32.37 -0.70 0.00	34.71 0.51 0.00	37.97 0.34 0.00	41.05 0.25 0.00	46.22 0.95 0.00	51.97 0.97 0.00	57.55 1.07 0.00	64.12 1.56 0.00	78.81 -0.08 0.00	98.61 0.49 0.00	93.99 1.12 0.00	77.68 3.06 0.00	64.70 2.43 0.00	50.95 1.53 0.00	40.76 0.88 0.00	36.10 1.69 0.00
STEPHTWN_115KV_BK_2 55603	31.21 1.14 0.00	27.91 1.05 0.00	26.98 1.04 0.00	25.49 1.00 0.00	25.51 1.00 0.00	26.13 1.00 0.00	28.16 1.03 0.00	32.26 1.00 0.00	34.05 0.99 0.00	35.39 1.20 0.00	38.87 1.24 0.00	42.19 1.39 0.00	46.58 1.31 0.00	52.54 1.53 0.00	58.23 1.75 0.00	64.81 2.25 0.00	48.98 3.16 33.06	83.31 3.83 18.63	81.83 3.81 14.85	77.31 2.69 0.00	71.25 2.37 -6.60	51.35 1.93 0.00	41.52 1.64 0.00	35.86 1.45 0.00
STEUBEN_REC_LFGE 323667	31.27 0.96 -0.24	27.80 0.86 -0.07	26.59 0.62 -0.03	25.02 0.54 0.00	25.00 0.49 0.00	25.95 0.83 0.00	28.14 0.90 -0.11	32.38 0.84 -0.28	33.94 0.53 -0.35	35.65 1.06 -0.39	39.41 1.24 -0.53	42.86 1.39 -0.67	48.18 2.17 -0.74	54.41 2.50 -0.91	60.39 2.77 -1.14	67.30 3.32 -1.43	83.77 2.92 -1.96	105.11 4.51 -2.49	100.12 4.83 -2.41	82.08 5.67 -1.78	68.53 4.55 -1.71	53.33 3.11 -0.80	42.66 2.31 -0.46	36.13 1.41 -0.31
STILLWATER___SOLAR 323814	31.84 1.77 0.00	28.48 1.61 0.00	27.47 1.53 0.00	25.88 1.39 0.00	25.91 1.40 0.00	26.55 1.43 0.00	28.68 1.55 0.00	32.85 1.59 0.00	34.72 1.65 0.00	36.00 1.81 0.00	39.51 1.88 0.00	42.96 2.16 0.00	47.85 2.58 0.00	53.91 2.91 0.00	59.76 3.27 0.00	66.51 3.94 -0.01	92.62 5.12 -8.60	109.53 6.57 -4.85	104.47 6.78 -4.82	80.07 5.44 0.00	79.05 4.80 -11.98	53.13 3.71 0.00	42.56 2.67 0.00	36.52 2.10 0.00
STONY___BROOK 24151	37.60 3.31 -4.23	36.12 2.79 -6.46	35.13 2.52 -6.67	31.93 2.37 -5.07	31.50 2.38 -4.62	33.51 2.46 -5.92	33.80 2.87 -3.79	36.02 3.28 -1.48	37.52 3.67 -0.79	38.60 3.73 -0.69	42.97 4.25 -1.09	84.66 4.49 -39.37	100.05 4.93 -49.85	156.52 5.71 -99.81	169.69 6.05 -107.16	194.18 6.63 -124.99	275.22 9.15 -187.19	264.63 10.70 -155.82	356.77 9.84 -254.05	160.33 7.16 -78.54	148.96 5.73 -80.96	59.48 4.60 -5.47	45.56 3.75 -1.92	40.33 3.44 -2.48
STURGEON_POOL_HYD 23609	32.20 2.13 0.00	28.69 1.83 0.00	27.58 1.63 0.00	26.00 1.52 0.00	26.01 1.50 0.00	26.65 1.53 0.00	28.92 1.79 0.00	33.10 1.84 0.00	35.21 2.15 0.00	36.76 2.56 0.00	40.27 2.63 0.00	43.53 2.73 0.00	48.66 3.39 0.00	54.93 3.93 0.00	60.66 4.18 0.00	67.06 4.50 0.00	82.32 6.71 3.27	104.22 7.95 1.84	98.25 7.06 1.68	79.18 4.55 0.00	67.51 3.36 -1.87	52.38 2.97 0.00	42.16 2.27 0.00	36.76 2.34 0.00
ST_LAW_115_BK7_LBMP 345037	29.10 -0.96 0.00	26.06 -0.81 0.00	25.19 -0.75 0.00	23.77 -0.71 0.00	23.82 -0.69 0.00	24.39 -0.73 0.00	26.34 -0.79 0.00	30.51 -0.75 0.00	32.30 -0.76 0.00	33.10 -1.10 0.00	36.54 -1.09 0.00	39.66 -1.14 0.00	43.73 -1.54 0.00	49.07 -1.94 0.00	54.39 -2.09 0.00	59.99 -2.57 0.00	59.98 -3.16 15.75	94.08 -4.03 0.01	89.05 -3.81 0.01	71.71 -2.91 0.00	59.85 -2.43 0.00	47.54 -1.88 0.00	38.53 -1.36 0.00	33.14 -1.27 0.00
ST_LAW_115_BK8_LBMP 345038	29.10 -0.96 0.00	26.06 -0.81 0.00	25.19 -0.75 0.00	23.77 -0.71 0.00	23.82 -0.69 0.00	24.39 -0.73 0.00	26.34 -0.79 0.00	30.51 -0.75 0.00	32.30 -0.76 0.00	33.10 -1.10 0.00	36.54 -1.09 0.00	39.66 -1.14 0.00	43.73 -1.54 0.00	49.07 -1.94 0.00	54.39 -2.09 0.00	59.99 -2.57 0.00	59.98 -3.16 15.75	94.08 -4.03 0.01	89.05 -3.81 0.01	71.71 -2.91 0.00	59.85 -2.43 0.00	47.54 -1.88 0.00	38.53 -1.36 0.00	33.14 -1.27 0.00

ST_LAW_230_BK5_LBMP 345035	29.20 -0.87 0.00	26.11 -0.75 0.00	25.25 -0.70 0.00	23.83 -0.66 0.00	23.87 -0.64 0.00	24.44 -0.68 0.00	26.43 -0.71 0.00	30.57 -0.69 0.00	32.37 -0.70 0.00	33.20 -0.99 0.00	36.65 -0.98 0.00	39.74 -1.06 0.00	43.86 -1.40 0.00	49.22 -1.79 0.00	54.50 -1.98 0.00	60.18 -2.38 0.00	59.89 -2.92 16.08	94.48 -3.63 0.01	89.34 -3.53 0.01	71.94 -2.68 0.00	60.04 -2.24 0.00	47.69 -1.73 0.00	38.65 -1.24 0.00	33.25 -1.17 0.00
ST_LAW_230_BK6_LBMP 345036	29.20 -0.87 0.00	26.11 -0.75 0.00	25.25 -0.70 0.00	23.83 -0.66 0.00	23.87 -0.64 0.00	24.44 -0.68 0.00	26.43 -0.71 0.00	30.57 -0.69 0.00	32.37 -0.70 0.00	33.20 -0.99 0.00	36.65 -0.98 0.00	39.74 -1.06 0.00	43.86 -1.40 0.00	49.22 -1.79 0.00	54.50 -1.98 0.00	60.18 -2.38 0.00	59.89 -2.92 16.08	94.48 -3.63 0.01	89.34 -3.53 0.01	71.94 -2.68 0.00	60.04 -2.24 0.00	47.69 -1.73 0.00	38.65 -1.24 0.00	33.25 -1.17 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.02 1.95 0.00	28.56 1.69 0.00	27.45 1.50 0.00	25.88 1.40 0.00	25.91 1.40 0.00	26.58 1.46 0.00	28.84 1.71 0.00	33.04 1.78 0.00	35.08 2.02 0.00	36.55 2.36 0.00	40.04 2.41 0.00	43.33 2.53 0.00	48.12 2.85 0.00	54.37 3.37 0.00	60.10 3.61 0.00	66.50 3.94 0.00	85.78 5.52 -1.37	105.46 6.57 -0.77	98.72 5.85 0.00	78.65 4.03 0.00	66.52 3.24 -1.00	51.99 2.57 0.00	42.04 2.15 0.00	36.58 2.17 0.00
SWANROAD_115KV_TB1 355699	29.26 -0.81 0.00	26.14 -0.73 0.00	25.06 -0.88 0.00	23.58 -0.91 0.00	23.53 -0.98 0.00	24.52 -0.60 0.00	26.37 -0.76 0.00	29.91 -1.34 0.00	31.24 -1.82 0.00	32.76 -1.44 0.00	36.50 -1.13 0.00	39.58 -1.22 0.00	44.50 -0.77 0.00	49.88 -1.12 0.00	55.30 -1.19 0.00	61.37 -1.19 0.00	75.26 -3.63 0.00	94.48 -3.63 0.00	90.09 -2.79 0.00	74.77 0.15 0.00	62.40 0.12 0.00	49.02 -0.40 0.00	39.37 -0.52 0.00	33.38 -1.03 0.00
SYNERGY___BIOGAS 323694	30.52 0.45 0.00	27.19 0.32 0.00	26.23 0.29 0.00	24.46 -0.02 0.00	24.44 -0.07 0.00	25.45 0.33 0.00	27.43 0.30 0.00	31.38 0.13 0.00	32.76 -0.30 0.00	34.91 0.72 0.00	38.16 0.53 0.00	41.29 0.49 0.00	46.49 1.22 0.00	52.33 1.32 0.00	57.95 1.47 0.00	64.50 1.94 0.00	79.44 0.56 0.00	99.97 1.86 0.00	95.20 2.32 0.00	78.65 4.03 0.00	65.70 3.42 0.00	51.74 2.32 0.00	41.32 1.43 0.00	36.41 2.00 0.00
SYRACUSE___ENERGY_ST1 323597	30.98 0.03 -0.88	27.17 0.03 -0.27	25.99 -0.05 -0.10	24.44 -0.05 0.00	24.44 -0.07 0.00	25.10 -0.03 0.00	27.56 0.00 -0.43	32.32 0.06 -1.00	34.30 -0.03 -1.27	35.80 0.17 -1.43	39.57 0.00 -1.94	43.25 0.00 -2.45	48.19 0.23 -2.69	54.66 0.36 -3.29	61.01 0.40 -4.14	68.25 0.50 -5.19	86.42 0.39 -7.14	107.84 0.69 -9.04	102.39 0.74 -8.77	82.07 0.97 -6.48	68.16 0.75 -5.14	52.87 0.54 -2.90	41.87 0.32 -1.66	35.77 0.24 -1.12
SYRACUSE___ENERGY_ST2 323598	30.98 0.03 -0.88	27.17 0.03 -0.27	25.99 -0.05 -0.10	24.44 -0.05 0.00	24.44 -0.07 0.00	25.10 -0.03 0.00	27.56 0.00 -0.43	32.32 0.06 -1.00	34.30 -0.03 -1.27	35.80 0.17 -1.43	39.57 0.00 -1.94	43.25 0.00 -2.45	48.19 0.23 -2.69	54.66 0.36 -3.29	61.01 0.40 -4.14	68.25 0.50 -5.19	86.42 0.39 -7.14	107.84 0.69 -9.04	102.39 0.74 -8.77	82.07 0.97 -6.48	68.16 0.75 -5.14	52.87 0.54 -2.90	41.87 0.32 -1.66	35.77 0.24 -1.12
SYRACUSE___POWER 24017	30.54 -0.12 -0.59	26.91 -0.13 -0.19	25.80 -0.21 -0.07	24.31 -0.17 0.00	24.31 -0.20 0.00	24.97 -0.15 0.00	27.28 -0.14 -0.29	31.82 -0.13 -0.68	33.69 -0.23 -0.86	35.13 -0.03 -0.98	38.87 -0.08 -1.32	42.43 -0.04 -1.67	47.24 0.14 -1.84	53.51 0.26 -2.24	59.64 0.34 -2.82	66.53 0.44 -3.54	84.07 0.32 -4.86	104.86 0.59 -6.16	99.50 0.65 -5.98	79.86 0.82 -4.41	66.40 0.62 -3.50	51.79 0.40 -1.98	41.22 0.20 -1.13	35.21 0.03 -0.76
TALLMAN___138KV_BK151 55660	32.26 2.19 0.00	28.80 1.93 0.00	27.63 1.69 0.00	26.05 1.57 0.00	26.08 1.57 0.00	26.75 1.63 0.00	29.06 1.93 0.00	33.35 2.09 0.00	35.41 2.35 0.00	36.89 2.70 0.00	40.42 2.78 0.00	43.74 2.94 0.00	48.53 3.26 0.00	54.83 3.83 0.00	60.55 4.07 0.00	67.00 4.44 0.00	86.55 6.15 -1.51	106.22 7.26 -0.85	99.28 6.41 0.00	78.95 4.33 0.00	66.80 3.49 -1.04	52.19 2.77 0.00	42.28 2.39 0.00	36.82 2.41 0.00
TEALLAVE_115KV_TB7 355573	30.43 -0.12 -0.48	26.88 -0.13 -0.15	25.82 -0.18 -0.05	24.31 -0.17 0.00	24.31 -0.20 0.00	24.97 -0.15 0.00	27.23 -0.14 -0.23	31.69 -0.13 -0.55	33.53 -0.23 -0.70	34.95 -0.03 -0.79	38.62 -0.08 -1.07	42.15 0.00 -1.35	46.93 0.18 -1.49	53.13 0.31 -1.82	59.16 0.40 -2.28	65.92 0.50 -2.86	83.22 0.39 -3.94	103.78 0.69 -4.98	98.36 0.65 -4.84	79.09 0.90 -3.57	65.86 0.75 -2.83	51.47 0.44 -1.60	41.00 0.20 -0.92	35.03 0.00 -0.62
TELGRAPH_34_KV_EAST 80808	30.01 -0.06 0.00	26.81 -0.05 0.00	25.68 -0.26 0.00	24.14 -0.34 0.00	24.09 -0.42 0.00	25.10 -0.03 0.00	27.02 -0.11 0.00	30.79 -0.47 0.00	32.17 -0.89 0.00	33.65 -0.55 0.00	37.41 -0.23 0.00	40.60 -0.20 0.00	45.67 0.41 0.00	51.31 0.31 0.00	56.82 0.34 0.00	63.12 0.56 0.00	77.63 -1.26 0.00	97.62 -0.49 0.00	92.97 0.09 0.00	77.01 0.29 0.00	64.27 1.99 0.00	50.46 1.04 0.00	40.49 0.60 0.00	34.28 -0.14 0.00
TEMPLE___115KV_TB 2 55572	30.43 -0.12 -0.48	26.91 -0.11 -0.15	25.82 -0.18 -0.05	24.31 -0.17 0.00	24.34 -0.17 0.00	25.00 -0.13 0.00	27.26 -0.11 -0.23	31.69 -0.13 -0.55	33.53 -0.23 -0.70	34.95 -0.03 -0.79	38.66 -0.04 -1.07	42.15 0.00 -1.35	46.98 0.23 -1.49	53.18 0.36 -1.82	59.22 0.45 -2.28	65.99 0.56 -2.86	83.22 0.39 -3.94	103.89 0.78 -4.99	98.46 0.74 -4.84	79.17 0.97 -3.57	65.86 0.75 -2.83	51.52 0.49 -1.60	41.04 0.24 -0.92	35.07 0.03 -0.62
TIANA____69_KV_BK 1 55817	37.81 3.52 -4.23	36.25 2.93 -6.46	35.23 2.62 -6.67	32.03 2.47 -5.07	31.63 2.50 -4.62	33.68 2.64 -5.92	34.02 3.09 -3.79	36.27 3.53 -1.48	37.92 4.07 -0.79	39.49 4.62 -0.69	43.81 5.08 -1.09	78.18 5.71 -31.66	91.42 6.16 -40.00	137.13 7.24 -78.88	148.98 7.85 -84.64	171.13 8.76 -99.81	237.68 11.20 -147.59	233.09 13.34 -121.64	303.67 12.72 -198.07	145.08 9.25 -61.21	132.96 7.35 -63.33	60.17 5.88 -4.87	46.28 4.47 -1.92	41.06 4.16 -2.48
TILDEN___115KV_TB1 80814	30.54 -0.12 -0.59	26.91 -0.13 -0.19	25.80 -0.21 -0.07	24.31 -0.17 0.00	24.31 -0.20 0.00	24.97 -0.15 0.00	27.28 -0.14 -0.29	31.82 -0.13 -0.68	33.69 -0.23 -0.86	35.13 -0.03 -0.98	38.87 -0.08 -1.32	42.43 -0.04 -1.67	47.24 0.14 -1.84	53.51 0.26 -2.24	59.64 0.34 -2.82	66.53 0.44 -3.54	84.07 0.32 -4.86	104.86 0.59 -6.16	99.50 0.65 -5.98	79.86 0.82 -4.41	66.40 0.62 -3.50	51.79 0.40 -1.98	41.22 0.20 -1.13	35.21 0.03 -0.76
TRIGEN___CC 323695	37.21 2.92 -4.23	35.85 2.53 -6.46	34.84 2.23 -6.67	31.64 2.08 -5.07	31.21 2.08 -4.62	33.20 2.16 -5.92	33.48 2.55 -3.79	35.65 2.91 -1.48	37.09 3.24 -0.79	38.50 3.62 -0.69	42.49 3.80 -1.06	49.29 4.04 -4.45	54.88 4.39 -5.23	61.17 5.15 -5.02	67.10 5.48 -5.13	79.43 5.94 -10.93	94.71 8.05 -7.78	108.50 9.42 -0.97	101.74 8.45 -0.42	80.59 5.97 0.00	68.24 4.86 -1.10	56.16 3.95 -2.79	45.20 3.39 -1.92	40.12 3.24 -2.47

TRINITY__115KV__4 BK 55933	30.91 0.84 0.00	27.64 0.78 0.00	26.75 0.80 0.00	25.29 0.81 0.00	25.32 0.81 0.00	25.90 0.78 0.00	27.89 0.76 0.00	31.94 0.69 0.00	33.79 0.73 0.00	35.08 0.89 0.00	38.53 0.90 0.00	41.82 1.02 0.00	46.22 0.95 0.00	52.13 1.12 0.00	57.72 1.24 0.00	64.12 1.56 0.00	73.98 2.29 7.20	96.71 2.65 4.06	92.83 2.51 2.55	76.34 1.72 0.00	70.69 1.56 -6.86	50.66 1.24 0.00	40.96 1.08 0.00	35.45 1.03 0.00
UNION__PROCESSING_DRP 323587	30.01 -0.06 0.00	26.78 -0.08 0.00	25.74 -0.21 0.00	24.22 -0.27 0.00	24.19 -0.32 0.00	25.05 -0.08 0.00	27.02 -0.11 0.00	30.98 -0.28 0.00	32.57 -0.50 0.00	33.99 -0.21 0.00	37.71 0.08 0.00	40.96 0.16 0.00	45.95 0.68 0.00	51.77 0.77 0.00	57.33 0.85 0.00	63.62 1.06 0.00	78.97 0.08 0.00	99.09 0.98 0.00	93.99 1.11 0.00	77.01 2.39 0.00	64.21 1.93 0.00	50.61 1.19 0.00	40.60 0.72 0.00	34.52 0.10 0.00
UPPER HUDSON__HYD 24058	31.78 1.71 0.00	28.42 1.56 0.00	27.37 1.43 0.00	25.76 1.27 0.00	25.78 1.27 0.00	26.45 1.33 0.00	28.60 1.46 0.00	32.79 1.53 0.00	34.68 1.62 0.00	35.97 1.78 0.00	39.33 1.69 0.00	42.76 1.96 0.00	47.71 2.44 0.00	53.51 2.50 0.00	59.36 2.88 0.00	66.19 3.63 -0.01	90.90 4.81 -7.20	108.54 6.37 -4.06	104.31 7.34 -4.10	80.67 6.04 0.00	80.26 5.54 -12.44	53.67 4.25 0.00	42.76 2.87 0.00	36.62 2.20 0.00
UPPER RAQUET__HYD 24056	28.77 -1.44 -0.15	25.67 -1.24 -0.05	24.79 -1.17 -0.02	23.38 -1.10 0.00	23.43 -1.08 0.00	24.02 -1.10 0.00	26.01 -1.19 -0.07	30.17 -1.28 -0.19	31.98 -1.32 -0.24	32.76 -1.71 -0.27	36.27 -1.73 -0.37	39.43 -1.84 -0.47	43.48 -2.31 -0.52	48.78 -2.86 -0.63	54.22 -3.05 -0.79	59.74 -3.82 -1.00	62.65 -5.05 11.19	93.66 -6.18 -1.73	88.70 -5.85 -1.68	71.46 -4.40 -1.24	59.90 -3.36 -0.99	47.31 -2.67 -0.56	38.21 -1.99 -0.32	32.70 -1.93 -0.21
VALLEY44_115KV_TB2 355964	30.10 0.03 0.00	26.94 0.08 0.00	25.76 -0.18 0.00	24.24 -0.24 0.00	24.24 -0.27 0.00	25.22 0.10 0.00	27.19 0.05 0.00	31.04 -0.22 0.00	32.57 -0.50 0.00	34.23 0.03 0.00	37.74 0.11 0.00	40.92 0.12 0.00	46.04 0.77 0.00	51.77 0.77 0.00	57.39 0.90 0.00	63.75 1.19 0.00	78.89 0.00 0.00	98.90 0.78 0.00	94.17 1.30 0.00	77.46 2.84 0.00	64.33 2.06 0.00	50.56 1.14 0.00	40.60 0.72 0.00	34.79 0.38 0.00
VALLEY__115KV_TB 1-4 80826	30.73 0.66 0.00	27.48 0.62 0.00	26.52 0.57 0.00	25.02 0.54 0.00	25.05 0.54 0.00	25.70 0.58 0.00	27.76 0.62 0.00	31.85 0.63 0.00	33.69 0.63 0.00	34.91 0.72 0.00	38.38 0.75 0.00	41.62 0.82 0.00	46.26 1.00 0.00	52.18 1.17 0.00	57.84 1.36 0.00	64.18 1.63 0.00	81.75 2.05 -0.81	100.76 2.65 0.00	95.38 2.51 0.00	76.49 1.87 0.00	63.90 1.62 0.00	50.70 1.28 0.00	40.84 0.96 0.00	35.21 0.79 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.93 1.71 -0.15	28.44 1.53 -0.05	27.44 1.48 -0.02	25.86 1.37 0.00	25.91 1.40 0.00	26.55 1.43 0.00	28.75 1.55 -0.07	33.00 1.56 -0.18	34.94 1.65 -0.23	36.36 1.91 -0.26	40.05 2.07 -0.35	43.44 2.20 -0.44	48.42 2.67 -0.48	54.65 3.06 -0.59	60.78 3.56 -0.74	67.55 4.07 -0.93	85.13 4.97 -1.27	106.30 6.57 -1.61	100.75 6.32 -1.57	80.63 4.85 -1.16	69.03 4.23 -2.52	53.20 3.26 -0.52	42.62 2.43 -0.30	36.65 2.03 -0.20
VISCHER__FERRY HYD 24020	31.42 1.35 0.00	28.13 1.26 0.00	27.16 1.22 0.00	25.64 1.15 0.00	25.66 1.15 0.00	26.28 1.16 0.00	28.35 1.22 0.00	32.47 1.22 0.00	34.35 1.29 0.00	35.59 1.40 0.00	39.14 1.51 0.00	42.51 1.71 0.00	47.21 1.95 0.00	53.30 2.30 0.00	59.03 2.54 0.00	65.64 3.06 -0.01	96.20 4.10 -13.22	110.56 5.00 -7.45	104.97 4.92 -7.18	78.35 3.73 0.00	75.84 3.24 -10.32	51.94 2.52 0.00	41.76 1.88 0.00	35.86 1.45 0.00
V_A_10_SYNC_DSASP 323832	29.56 -0.51 0.00	26.38 -0.48 0.00	25.45 -0.49 0.00	23.80 -0.69 0.00	23.78 -0.73 0.00	24.72 -0.40 0.00	26.59 -0.54 0.00	30.29 -0.97 0.00	31.74 -1.32 0.00	33.88 -0.31 0.00	37.10 -0.53 0.00	40.11 -0.69 0.00	45.04 -0.23 0.00	50.60 -0.41 0.00	56.03 -0.45 0.00	62.25 -0.31 0.00	76.68 -2.21 0.00	96.15 -1.96 0.00	91.48 -1.39 0.00	75.37 0.75 0.00	62.90 0.62 0.00	49.62 0.20 0.00	39.81 -0.08 0.00	35.14 0.72 0.00
V_CMM_10_SYNC_DSASP 323787	29.26 -0.81 0.00	26.17 -0.70 0.00	25.32 -0.62 0.00	23.87 -0.61 0.00	23.92 -0.59 0.00	24.49 -0.63 0.00	26.48 -0.65 0.00	30.63 -0.62 0.00	32.47 -0.59 0.00	33.27 -0.92 0.00	36.73 -0.90 0.00	39.86 -0.94 0.00	43.95 -1.31 0.00	49.32 -1.68 0.00	54.62 -1.86 0.00	60.24 -2.31 0.00	60.30 -2.84 15.75	94.48 -3.63 0.01	89.43 -3.43 0.01	72.01 -2.61 0.00	60.22 -2.05 0.00	47.79 -1.63 0.00	38.69 -1.20 0.00	33.31 -1.10 0.00
V_CMP_10_SYNC_DSASP 323788	29.77 -0.30 0.00	26.62 -0.24 0.00	25.79 -0.15 0.00	24.31 -0.17 0.00	24.39 -0.12 0.00	25.02 -0.10 0.00	27.08 -0.05 0.00	31.41 0.16 0.00	33.33 0.26 0.00	34.19 0.00 0.00	37.71 0.08 0.00	40.92 0.12 0.00	44.14 -1.13 0.00	48.61 -2.40 0.00	53.88 -2.60 0.00	59.12 -3.44 0.00	58.93 -4.18 15.77	92.90 -5.20 0.01	88.03 -4.83 0.01	71.19 -3.43 0.00	59.72 -2.56 0.00	47.79 -1.63 0.00	39.69 -0.20 0.00	34.07 -0.34 0.00
V_D_10_SYNC_DSASP 323841	29.20 -0.87 0.00	26.14 -0.72 0.00	25.30 -0.65 0.00	23.85 -0.64 0.00	23.90 -0.61 0.00	24.47 -0.65 0.00	26.45 -0.68 0.00	30.60 -0.66 0.00	32.40 -0.66 0.00	33.20 -0.99 0.00	36.65 -0.98 0.00	39.78 -1.02 0.00	43.91 -1.36 0.00	49.22 -1.79 0.00	54.56 -1.92 0.00	60.05 -2.50 0.00	60.49 -3.16 15.24	94.18 -3.93 0.01	89.05 -3.81 0.01	71.86 -2.76 0.00	60.16 -2.12 0.00	47.74 -1.68 0.00	38.65 -1.24 0.00	33.25 -1.17 0.00
V_E_10_SYNC_DSASP 323830	33.30 2.89 -0.34	29.55 2.58 -0.11	28.27 2.28 -0.04	26.57 2.08 0.00	26.64 2.13 0.00	27.46 2.34 0.00	29.96 2.66 -0.17	34.26 2.59 -0.41	36.00 2.41 -0.52	37.59 2.80 -0.59	41.33 2.90 -0.80	44.87 3.06 -1.01	50.36 3.98 -1.11	57.01 4.64 -1.36	63.84 5.65 -1.71	71.33 6.63 -2.14	90.12 8.28 -2.95	113.71 11.87 -3.73	108.48 11.99 -3.62	87.52 10.22 -2.67	73.96 8.84 -2.85	57.14 6.52 -1.20	45.16 4.59 -0.69	38.59 3.72 -0.46
V_F_30_NSYNC__DSASP 323816	31.87 1.80 0.00	28.53 1.67 0.00	27.50 1.56 0.00	25.90 1.42 0.00	25.93 1.42 0.00	26.58 1.46 0.00	28.70 1.57 0.00	32.88 1.62 0.00	34.78 1.72 0.00	36.07 1.88 0.00	39.59 1.96 0.00	43.04 2.24 0.00	47.94 2.67 0.00	54.02 3.01 0.00	59.87 3.39 0.00	66.63 4.06 -0.01	92.15 5.29 -7.97	109.37 6.76 -4.49	104.42 7.05 -4.50	80.22 5.60 0.00	79.38 4.92 -12.18	53.23 3.81 0.00	42.60 2.71 0.00	36.58 2.17 0.00
V_F_30_SYNC_DSASP 323786	31.03 0.96 0.00	27.78 0.91 0.00	26.85 0.91 0.00	25.37 0.88 0.00	25.39 0.88 0.00	26.00 0.88 0.00	28.00 0.87 0.00	32.10 0.84 0.00	33.92 0.86 0.00	35.25 1.06 0.00	38.72 1.09 0.00	42.02 1.22 0.00	46.49 1.22 0.00	52.43 1.43 0.00	58.12 1.64 0.00	64.56 2.00 0.00	83.33 2.76 -1.68	102.30 3.24 -0.95	97.70 3.16 -1.67	76.86 2.24 0.00	72.44 1.99 -8.17	51.00 1.58 0.00	41.20 1.32 0.00	35.62 1.20 0.00



V_XM_10_SYNC_DSASP 323789	29.77 -0.30 0.00	26.62 -0.24 0.00	25.79 -0.15 0.00	24.31 -0.17 0.00	24.39 -0.12 0.00	25.02 -0.10 0.00	27.08 -0.05 0.00	31.41 0.16 0.00	33.33 0.26 0.00	34.19 0.00 0.00	37.71 0.08 0.00	40.92 0.12 0.00	44.14 -1.13 0.00	48.61 -2.40 0.00	53.88 -2.60 0.00	59.12 -3.44 0.00	58.93 -4.18 15.77	92.90 -5.20 0.01	88.03 -4.83 0.01	71.19 -3.43 0.00	59.72 -2.56 0.00	47.79 -1.63 0.00	39.69 -0.20 0.00	34.07 -0.34 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.35 2.29 0.00	28.88 2.01 0.00	27.73 1.79 0.00	26.15 1.66 0.00	26.15 1.64 0.00	26.83 1.71 0.00	29.17 2.03 0.00	33.44 2.19 0.00	35.51 2.45 0.00	37.00 2.80 0.00	40.53 2.90 0.00	43.86 3.06 0.00	48.71 3.44 0.00	55.04 4.03 0.00	60.77 4.29 0.00	67.25 4.69 0.00	86.97 6.55 -1.54	106.63 7.65 -0.87	99.65 6.78 0.00	79.33 4.70 0.00	67.12 3.80 -1.05	52.38 2.97 0.00	42.40 2.51 0.00	36.93 2.51 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.80 2.74 0.00	29.17 2.31 0.00	27.97 2.02 0.00	26.35 1.86 0.00	26.37 1.86 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.98 2.72 0.00	36.14 3.07 0.00	37.65 3.45 0.00	41.21 3.58 0.00	44.68 3.88 0.00	49.39 4.12 0.00	55.85 4.85 0.00	61.57 5.08 0.00	67.88 5.32 0.00	88.02 7.42 -1.72	107.72 8.63 -0.97	100.81 7.52 -0.42	79.85 5.22 0.00	67.55 4.17 -1.10	52.78 3.36 0.00	42.92 3.03 0.00	37.38 2.96 0.00
W50THST__13_KV_LOAD 356117	32.98 2.92 0.00	29.36 2.50 0.00	28.12 2.18 0.00	26.52 2.03 0.00	26.54 2.03 0.00	27.23 2.11 0.00	29.71 2.58 0.00	34.26 3.00 0.00	36.44 3.37 0.00	37.99 3.80 0.00	41.55 3.91 0.00	45.04 4.24 0.00	49.84 4.57 0.00	56.36 5.36 0.00	62.07 5.59 0.00	68.38 5.82 0.00	88.73 8.13 -1.72	108.70 9.62 -0.97	101.74 8.45 -0.42	80.52 5.90 0.00	68.05 4.67 -1.10	53.18 3.76 0.00	43.20 3.31 0.00	37.62 3.20 0.00
WADING RIVER_IC_1 23522	37.39 3.10 -4.23	35.90 2.58 -6.46	34.90 2.28 -6.67	31.71 2.16 -5.07	31.28 2.16 -4.62	33.30 2.26 -5.92	33.61 2.69 -3.79	35.80 3.06 -1.48	37.35 3.50 -0.79	38.47 3.59 -0.69	42.98 4.25 -1.09	77.07 4.69 -31.58	90.27 5.11 -39.89	135.68 6.02 -78.66	147.32 6.44 -84.40	169.23 7.13 -99.54	235.75 9.70 -147.16	230.56 11.18 -121.27	300.83 10.49 -197.47	143.33 7.69 -61.02	131.40 5.98 -63.14	59.08 4.79 -4.87	45.52 3.71 -1.92	40.27 3.37 -2.48
WADING RIVER_IC_2 23547	37.39 3.10 -4.23	35.90 2.58 -6.46	34.90 2.28 -6.67	31.71 2.16 -5.07	31.28 2.16 -4.62	33.30 2.26 -5.92	33.61 2.69 -3.79	35.80 3.06 -1.48	37.35 3.50 -0.79	38.47 3.59 -0.69	42.98 4.25 -1.09	77.07 4.69 -31.58	90.27 5.11 -39.89	135.68 6.02 -78.66	147.32 6.44 -84.40	169.23 7.13 -99.54	235.75 9.70 -147.16	230.56 11.18 -121.27	300.83 10.49 -197.47	143.33 7.69 -61.02	131.40 5.98 -63.14	59.08 4.79 -4.87	45.52 3.71 -1.92	40.27 3.37 -2.48
WADING RIVER_IC_3 23601	37.39 3.10 -4.23	35.90 2.58 -6.46	34.90 2.28 -6.67	31.71 2.16 -5.07	31.28 2.16 -4.62	33.30 2.26 -5.92	33.61 2.69 -3.79	35.80 3.06 -1.48	37.35 3.50 -0.79	38.47 3.59 -0.69	42.98 4.25 -1.09	77.07 4.69 -31.58	90.27 5.11 -39.89	135.68 6.02 -78.66	147.32 6.44 -84.40	169.23 7.13 -99.54	235.75 9.70 -147.16	230.56 11.18 -121.27	300.83 10.49 -197.47	143.33 7.69 -61.02	131.40 5.98 -63.14	59.08 4.79 -4.87	45.52 3.71 -1.92	40.27 3.37 -2.48
WALDENNY_12_KV_BK2 80841	30.10 0.03 0.00	26.89 0.03 0.00	25.76 -0.18 0.00	24.22 -0.27 0.00	24.19 -0.32 0.00	25.20 0.08 0.00	27.13 0.00 0.00	30.91 -0.34 0.00	32.37 -0.69 0.00	34.02 -0.17 0.00	37.90 0.26 0.00	41.09 0.29 0.00	46.31 1.04 0.00	52.03 1.02 0.00	57.67 1.19 0.00	64.06 1.50 0.00	78.81 -0.08 0.00	98.70 0.59 0.00	94.08 1.21 0.00	77.91 3.28 0.00	64.83 2.55 0.00	50.90 1.48 0.00	40.80 0.92 0.00	34.62 0.21 0.00
WALDEN__HYDRO 24148	32.20 2.13 0.00	28.72 1.85 0.00	27.60 1.66 0.00	26.03 1.54 0.00	26.03 1.52 0.00	26.70 1.58 0.00	28.98 1.84 0.00	33.16 1.91 0.00	35.21 2.15 0.00	36.72 2.53 0.00	40.27 2.63 0.00	43.53 2.73 0.00	48.44 3.17 0.00	54.73 3.72 0.00	60.49 4.01 0.00	67.00 4.44 0.00	86.09 6.15 -1.05	106.16 7.46 -0.59	99.56 6.69 0.00	79.33 4.70 0.00	67.18 3.80 -1.11	52.43 3.01 0.00	42.32 2.43 0.00	36.79 2.37 0.00
WARRENSBURG____ 23737	31.78 1.71 0.00	28.42 1.56 0.00	27.37 1.43 0.00	25.76 1.27 0.00	25.78 1.27 0.00	26.45 1.33 0.00	28.60 1.46 0.00	32.79 1.53 0.00	34.68 1.62 0.00	35.97 1.78 0.00	39.33 1.69 0.00	42.76 1.96 0.00	47.71 2.44 0.00	53.51 2.50 0.00	59.36 2.88 0.00	66.19 3.63 -0.01	90.90 4.81 -7.20	108.54 6.37 -4.06	104.31 7.34 -4.10	80.67 6.04 0.00	80.26 5.54 -12.44	53.67 4.25 0.00	42.76 2.87 0.00	36.62 2.20 0.00
WATERSIDE____6 8 9 23538	32.92 2.86 0.01	29.26 2.39 -0.01	28.05 2.10 -0.01	26.42 1.93 0.00	26.42 1.91 0.00	27.06 1.93 0.00	29.49 2.36 0.00	33.98 2.72 0.00	36.20 3.14 0.00	37.71 3.52 0.01	41.31 3.69 0.01	44.55 3.75 0.00	49.20 3.94 0.00	55.65 4.64 0.00	61.11 4.63 0.00	66.68 5.00 0.88	87.62 7.02 -1.71	106.93 7.85 -0.97	100.07 6.78 -0.42	79.18 4.55 0.00	67.23 3.86 -1.10	52.48 3.06 0.00	42.76 2.87 0.00	37.44 3.03 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.55 0.48 0.00	27.32 0.46 0.00	26.39 0.44 0.00	24.88 0.39 0.00	24.93 0.42 0.00	25.55 0.43 0.00	27.59 0.46 0.00	31.69 0.44 0.00	33.53 0.46 0.00	34.74 0.55 0.00	38.20 0.56 0.00	41.37 0.57 0.00	45.99 0.72 0.00	51.87 0.87 0.00	57.50 1.02 0.00	63.75 1.19 0.00	81.20 1.50 -0.81	100.08 1.96 0.00	94.82 1.95 0.00	76.04 1.42 0.00	63.52 1.25 0.00	50.41 0.99 0.00	40.64 0.76 0.00	35.03 0.62 0.00
WATSON__69_KV_BK 1 55734	37.96 3.67 -4.23	36.44 3.12 -6.46	35.44 2.83 -6.67	32.20 2.64 -5.07	31.77 2.65 -4.62	33.78 2.74 -5.92	34.10 3.17 -3.79	36.36 3.63 -1.48	37.89 4.03 -0.79	39.36 4.48 -0.69	43.58 4.82 -1.13	64.21 5.26 -18.15	73.61 5.61 -22.73	99.80 6.58 -42.21	108.77 7.12 -45.17	126.12 7.88 -55.68	167.63 10.57 -78.17	172.40 12.56 -61.73	204.42 11.61 -99.94	113.87 8.43 -30.82	101.50 6.79 -32.44	58.69 5.44 -3.84	46.25 4.43 -1.93	41.07 4.16 -2.49
WDELAWARE__HYD 323627	31.51 1.44 0.00	28.04 1.18 0.00	26.93 0.99 0.00	25.39 0.91 0.00	25.39 0.88 0.00	26.02 0.90 0.00	28.24 1.11 0.00	32.19 0.94 0.00	34.25 1.19 0.00	35.59 1.40 0.00	39.14 1.51 0.00	42.31 1.51 0.00	47.31 2.04 0.00	52.03 1.02 0.00	57.55 1.07 0.00	63.81 1.25 0.00	81.25 2.36 0.00	101.05 2.94 0.00	95.47 2.60 0.00	75.97 1.34 0.00	64.41 0.94 -1.20	51.49 2.08 0.00	41.40 1.52 0.00	35.76 1.34 0.00
WEST BABYLON__IC 23714	37.81 3.52 -4.23	36.33 3.01 -6.46	35.34 2.72 -6.67	32.11 2.55 -5.07	31.68 2.55 -4.62	33.68 2.64 -5.92	33.94 3.01 -3.79	36.15 3.41 -1.48	37.62 3.77 -0.79	39.08 4.21 -0.69	43.24 4.52 -1.09	53.52 4.94 -7.79	60.01 5.25 -9.49	71.25 6.17 -14.08	78.03 6.66 -14.89	91.77 7.38 -21.83	113.83 10.02 -24.93	125.66 11.77 -15.77	128.40 10.87 -24.66	89.97 7.84 -7.51	77.30 6.29 -8.73	57.55 5.09 -3.04	46.00 4.19 -1.93	40.89 3.99 -2.48

WEST CANADA___HYD 24049	30.34 0.27 0.00	27.11 0.24 0.00	26.18 0.23 0.00	24.70 0.22 0.00	24.73 0.22 0.00	25.35 0.23 0.00	27.37 0.24 0.00	31.48 0.22 0.00	33.30 0.23 0.00	34.50 0.31 0.00	37.93 0.30 0.00	41.12 0.32 0.00	45.67 0.41 0.00	51.46 0.46 0.00	57.05 0.56 0.00	63.18 0.63 0.00	80.49 0.79 -0.81	99.19 1.08 0.00	93.90 1.02 0.00	75.37 0.75 0.00	62.90 0.62 0.00	49.91 0.49 0.00	40.29 0.40 0.00	34.76 0.34 0.00
WESTERN_NY_WIND 24143	30.43 0.36 0.00	27.16 0.30 0.00	26.02 0.08 0.00	24.44 -0.05 0.00	24.41 -0.10 0.00	25.42 0.30 0.00	27.40 0.27 0.00	31.32 0.06 0.00	32.73 -0.33 0.00	34.16 -0.03 0.00	37.97 0.34 0.00	41.21 0.41 0.00	46.40 1.13 0.00	52.18 1.17 0.00	57.84 1.36 0.00	64.25 1.69 0.00	79.20 0.32 0.00	99.78 1.67 0.00	95.01 2.14 0.00	78.65 4.03 0.00	65.58 3.30 0.00	51.50 2.08 0.00	41.24 1.36 0.00	34.93 0.52 0.00
WESTOVER___LESR 323668	30.96 0.57 -0.33	27.48 0.51 -0.10	26.40 0.42 -0.04	24.85 0.37 0.00	24.88 0.37 0.00	25.60 0.48 0.00	27.80 0.52 -0.16	32.28 0.63 -0.40	34.13 0.56 -0.51	35.59 0.82 -0.57	39.35 0.94 -0.78	42.80 1.02 -0.98	47.66 1.31 -1.08	53.86 1.53 -1.32	59.89 1.75 -1.66	66.64 2.00 -2.08	83.88 2.13 -2.86	104.68 2.94 -3.62	99.36 2.97 -3.51	80.13 2.91 -2.59	67.17 2.37 -2.52	52.31 1.73 -1.16	41.79 1.24 -0.67	35.76 0.89 -0.45
WETHRSFD_WT_PWR 323626	30.22 0.15 0.00	26.97 0.11 0.00	26.00 0.05 0.00	24.31 -0.17 0.00	24.29 -0.22 0.00	25.25 0.13 0.00	27.21 0.08 0.00	31.04 -0.22 0.00	32.50 -0.56 0.00	34.71 0.51 0.00	37.90 0.27 0.00	40.96 0.16 0.00	46.08 0.82 0.00	51.82 0.81 0.00	57.38 0.90 0.00	63.87 1.32 0.00	78.81 -0.08 0.00	98.71 0.59 0.00	93.99 1.12 0.00	77.39 2.76 0.00	64.52 2.24 0.00	50.90 1.48 0.00	40.76 0.88 0.00	35.89 1.48 0.00
WHAVSTOR_138KV_BK127 55557	32.20 2.13 0.00	28.74 1.88 0.00	27.60 1.66 0.00	26.03 1.54 0.00	26.05 1.54 0.00	26.73 1.61 0.00	29.03 1.90 0.00	33.32 2.06 0.00	35.38 2.31 0.00	36.82 2.63 0.00	40.30 2.67 0.00	43.61 2.82 0.00	48.34 3.08 0.00	54.68 3.67 0.00	60.32 3.84 0.00	66.75 4.19 0.00	86.27 5.84 -1.54	105.85 6.87 -0.87	98.91 6.04 0.00	78.65 4.03 0.00	66.63 3.30 -1.05	52.04 2.62 0.00	42.16 2.27 0.00	36.76 2.34 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.20 2.13 0.00	28.74 1.88 0.00	27.60 1.66 0.00	26.03 1.54 0.00	26.05 1.54 0.00	26.73 1.61 0.00	29.03 1.90 0.00	33.32 2.06 0.00	35.38 2.31 0.00	36.82 2.63 0.00	40.30 2.67 0.00	43.61 2.82 0.00	48.34 3.08 0.00	54.68 3.67 0.00	60.32 3.84 0.00	66.75 4.19 0.00	86.27 5.84 -1.54	105.85 6.87 -0.87	98.91 6.04 0.00	78.65 4.03 0.00	66.63 3.30 -1.05	52.04 2.62 0.00	42.16 2.27 0.00	36.76 2.34 0.00
WHITEHAL_115KV_TB1 80871	32.65 2.59 0.00	29.25 2.39 0.00	28.10 2.15 0.00	26.44 1.96 0.00	26.47 1.96 0.00	27.18 2.06 0.00	29.44 2.31 0.00	33.73 2.47 0.00	35.61 2.55 0.00	37.03 2.84 0.00	40.45 2.82 0.00	44.02 3.22 0.00	49.20 3.94 0.00	55.24 4.23 0.00	61.28 4.80 0.00	68.56 6.01 0.00	94.14 7.73 -7.52	112.75 10.40 -4.24	108.47 11.33 -4.26	84.03 9.40 0.00	83.02 8.41 -12.33	55.84 6.42 0.00	44.23 4.35 0.00	37.96 3.54 0.00
WHITEPLN_13_KV_LOAD 356215	32.89 2.83 0.00	29.28 2.42 0.00	28.07 2.13 0.00	26.47 1.98 0.00	26.50 1.99 0.00	27.21 2.09 0.00	29.63 2.50 0.00	34.23 2.97 0.00	36.44 3.37 0.00	37.99 3.80 0.00	41.62 3.99 0.00	45.08 4.28 0.00	49.88 4.62 0.00	56.46 5.46 0.00	62.30 5.82 0.00	68.88 6.32 0.00	89.12 8.52 -1.71	109.38 10.30 -0.96	102.39 9.10 -0.42	81.12 6.49 0.00	68.79 5.42 -1.10	53.57 4.15 0.00	43.32 3.43 0.00	37.65 3.24 0.00
WM_FLOYD_69_KV_BK2 356380	37.66 3.37 -4.23	36.17 2.85 -6.46	35.16 2.54 -6.67	31.96 2.40 -5.07	31.53 2.40 -4.62	33.56 2.51 -5.92	33.88 2.96 -3.79	36.08 3.34 -1.48	37.65 3.80 -0.79	39.12 4.24 -0.69	43.28 4.55 -1.09	77.94 5.02 -32.12	91.28 5.43 -40.58	137.52 6.38 -80.13	149.30 6.83 -85.99	171.45 7.57 -101.32	238.86 10.02 -149.95	233.76 11.97 -123.68	305.53 11.24 -201.41	145.00 8.13 -62.24	133.20 6.54 -64.39	59.57 5.24 -4.91	45.88 4.07 -1.92	40.75 3.85 -2.48
WOODARD__115KV_TB2 355635	30.52 -0.18 -0.64	26.90 -0.16 -0.20	25.78 -0.23 -0.07	24.29 -0.20 0.00	24.29 -0.22 0.00	24.95 -0.18 0.00	27.28 -0.16 -0.31	31.82 -0.16 -0.72	33.70 -0.26 -0.90	35.11 -0.10 -1.02	38.90 -0.11 -1.38	42.46 -0.08 -1.75	47.28 0.09 -1.92	53.56 0.20 -2.35	59.72 0.28 -2.95	66.64 0.38 -3.70	84.22 0.24 -5.10	105.05 0.49 -6.45	99.69 0.56 -6.26	79.99 0.75 -4.62	66.57 0.62 -3.67	51.84 0.35 -2.07	41.23 0.16 -1.19	35.18 -0.03 -0.80
YORK___WARBASSE 23770	33.22 3.04 -0.11	29.45 2.58 -0.01	28.21 2.26 -0.01	26.57 2.08 0.00	26.57 2.06 0.00	27.16 2.03 0.00	29.60 2.47 0.00	34.13 2.88 0.00	36.37 3.31 0.00	49.55 3.73 -11.63	45.46 3.95 -3.88	44.76 3.96 0.00	49.48 4.21 0.00	56.01 5.00 0.00	61.51 5.03 0.00	74.15 5.44 -6.15	88.24 7.57 -1.77	107.62 8.54 -0.97	100.81 7.52 -0.42	79.70 5.07 0.00	70.97 4.36 -4.33	52.83 3.41 0.00	43.04 3.15 0.00	37.69 3.27 -0.01